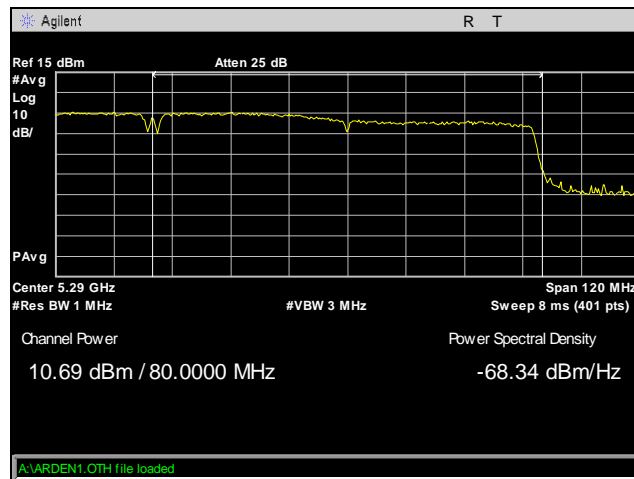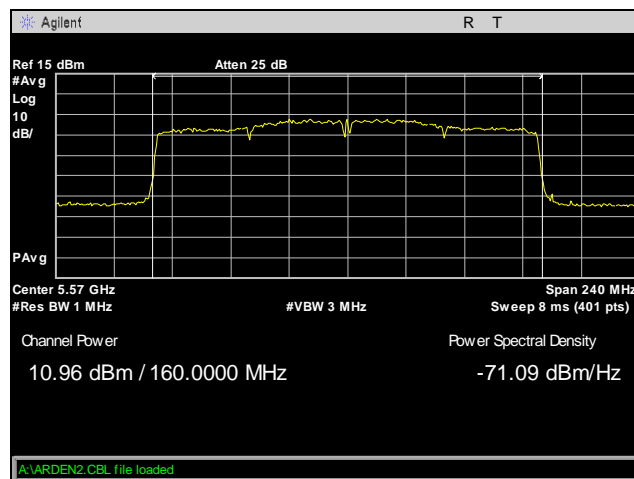## Conducted Output Power, 802.11ac 160 MHz, Port 6, Radio 1, 8x8

Plot 421. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 6, Radio 1, 8x8

Plot 422. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 6, Radio 1, 8x8

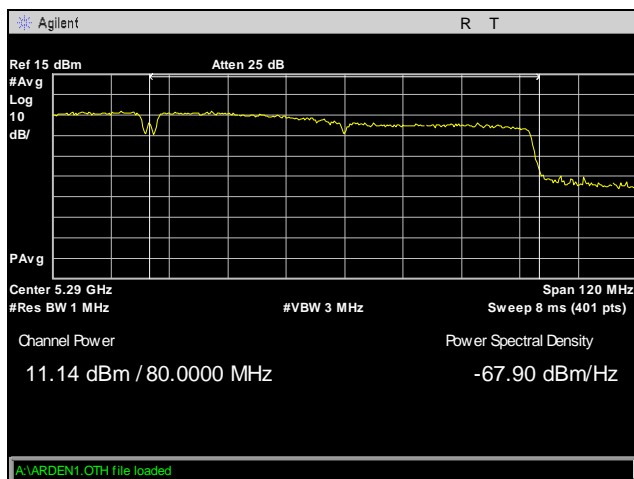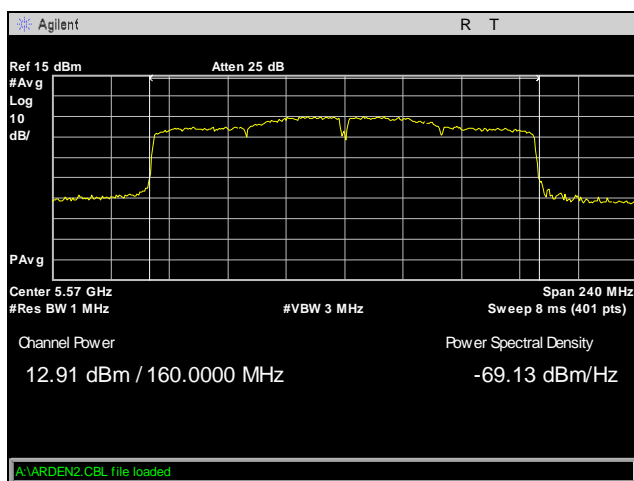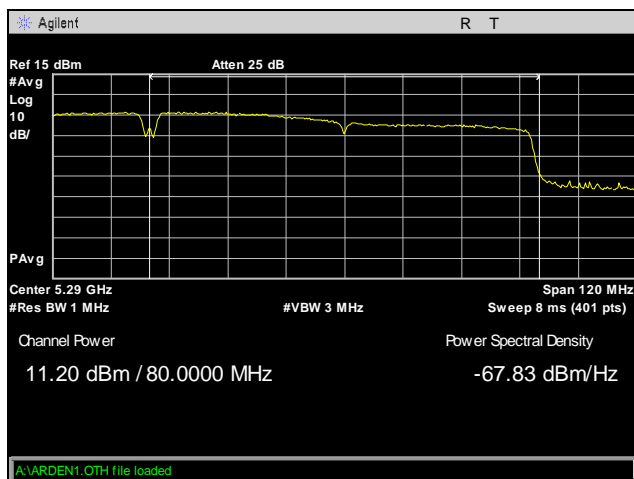## Conducted Output Power, 802.11ac 160 MHz, Port 7, Radio 1, 8x8

Plot 423. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 7, Radio 1, 8x8

Plot 424. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 7, Radio 1, 8x8

MET®
ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
CFR Title 47, Part 15, Subpart E

Conducted Output Power, 802.11ac 160 MHz, Port 8, Radio 1, 8x8

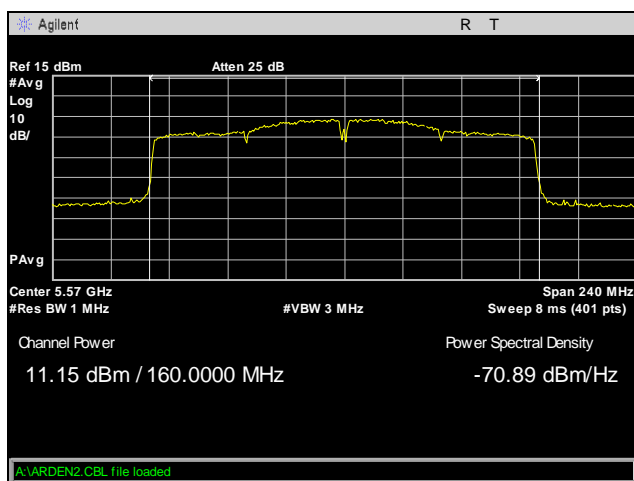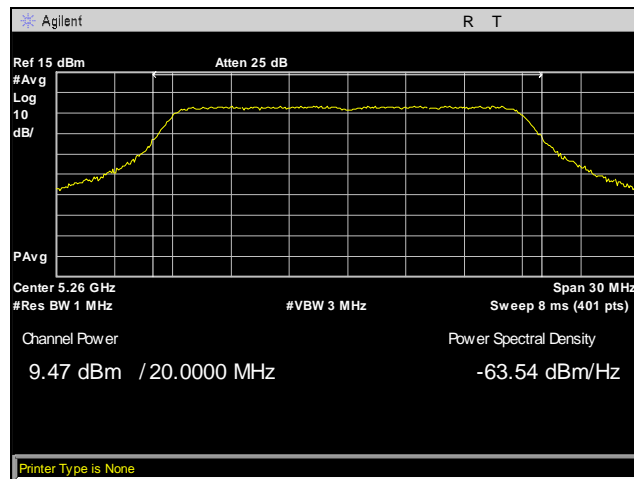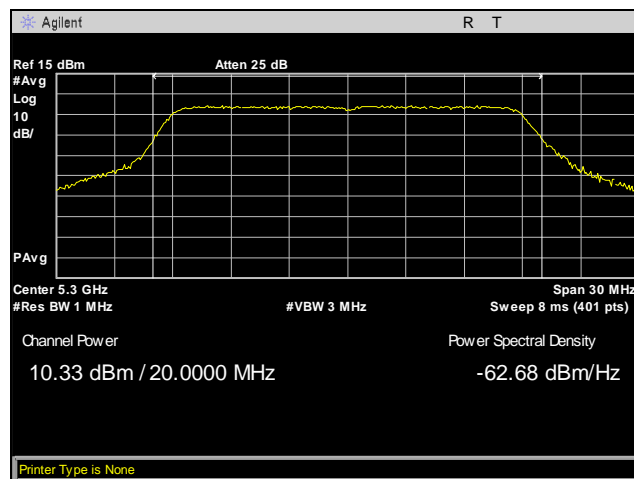**Plot 425. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 8, Radio 1, 8x8**

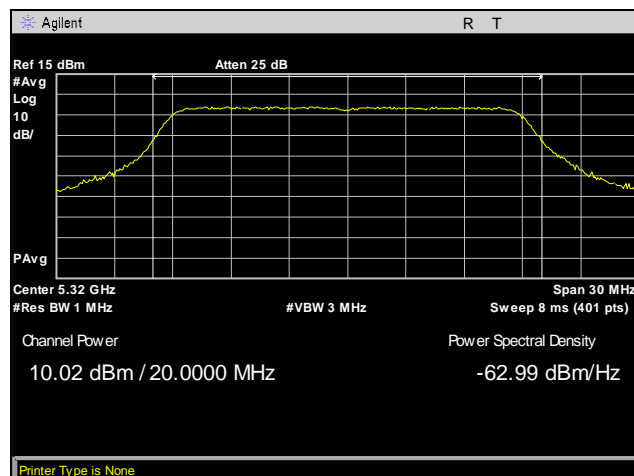**Plot 426. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 8, Radio 1, 8x8**

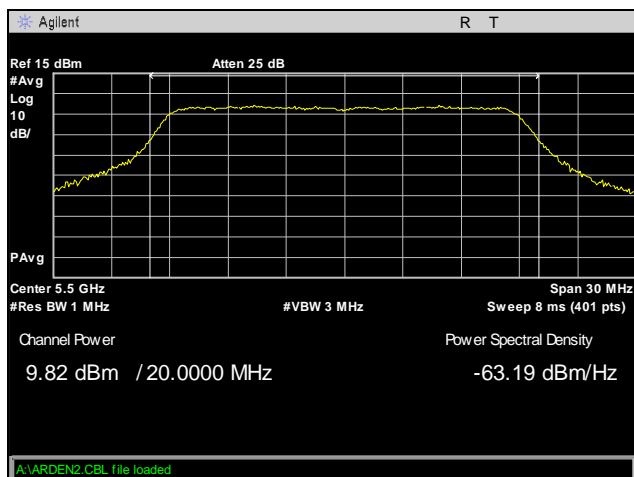## Conducted Output Power, 802.11n 20 MHz, Port 1, Radio 0, 8x8

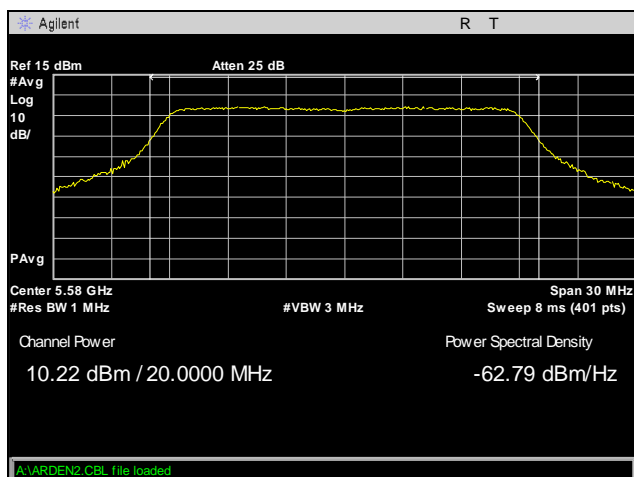**Plot 427. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 1, Radio 0, 8x8**

Plot 428. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 1, Radio 0, 8x8

Plot 429. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 1, Radio 0, 8x8

Plot 430. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 1, Radio 0, 8x8

Plot 431. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 1, Radio 0, 8x8

Plot 432. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 1, Radio 0, 8x8

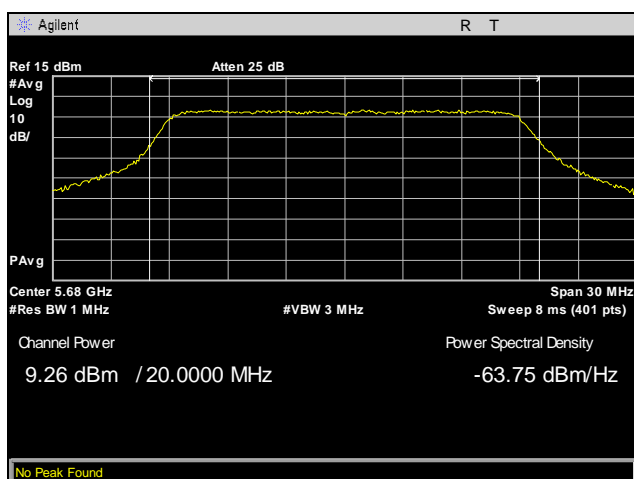**Plot 433. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 1, Radio 0, 8x8**

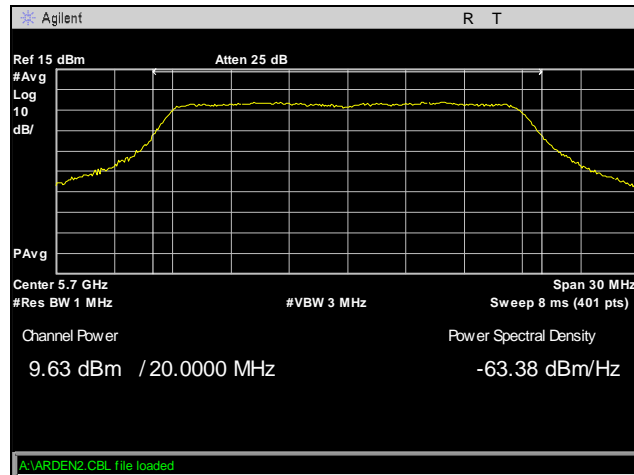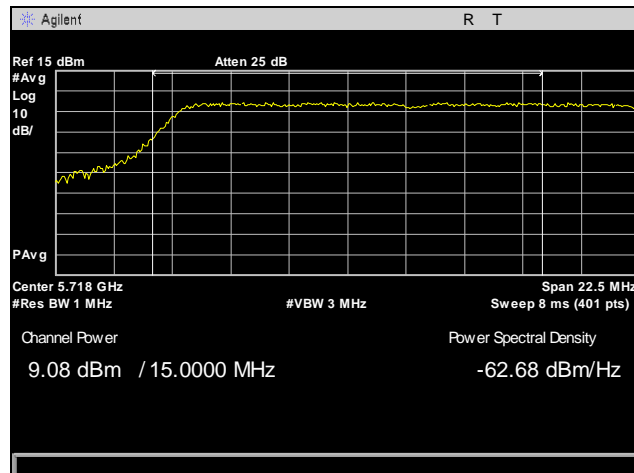**Plot 434. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 1, Radio 0, 8x8**

Conducted Output Power, 802.11n 20 MHz, Port 2, Radio 0, 8x8

Plot 435. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 2, Radio 0, 8x8
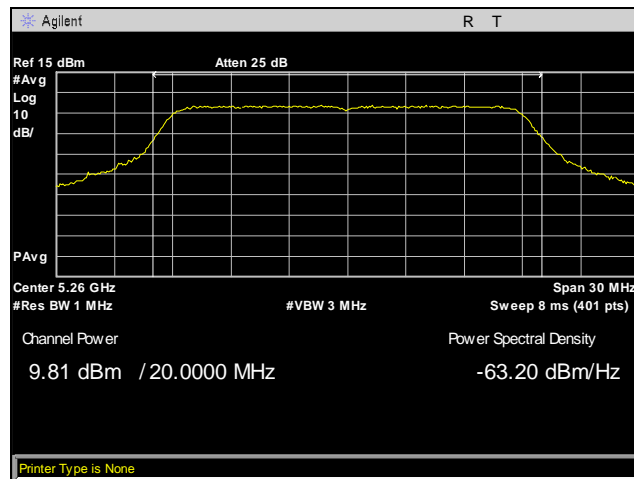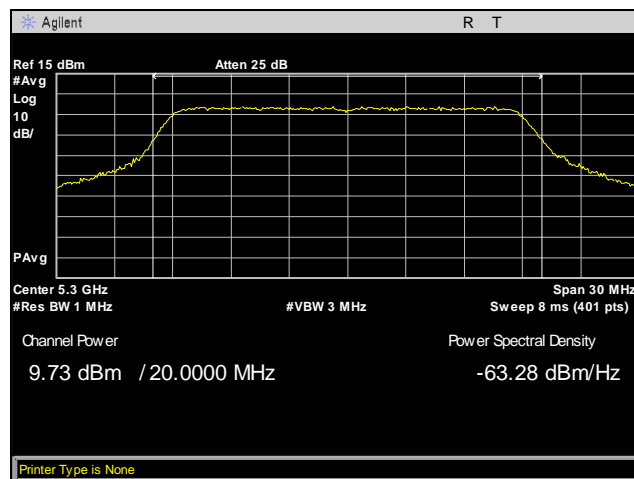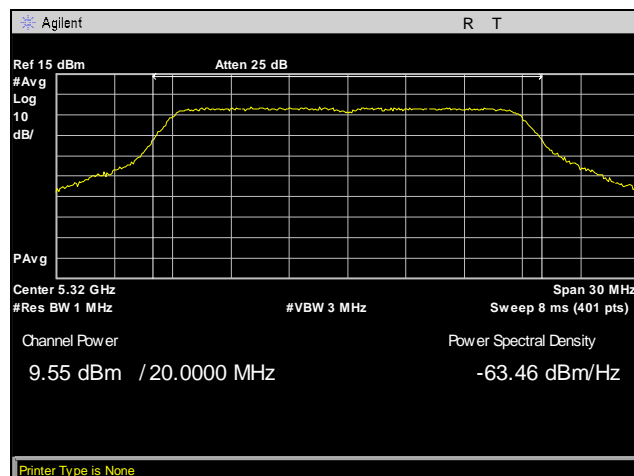

Plot 436. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 2, Radio 0, 8x8

Plot 437. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 2, Radio 0, 8x8

Plot 438. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 2, Radio 0, 8x8

Plot 439. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 2, Radio 0, 8x8

Plot 440. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 2, Radio 0, 8x8

Plot 441. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 2, Radio 0, 8x8

Plot 442. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 2, Radio 0, 8x8

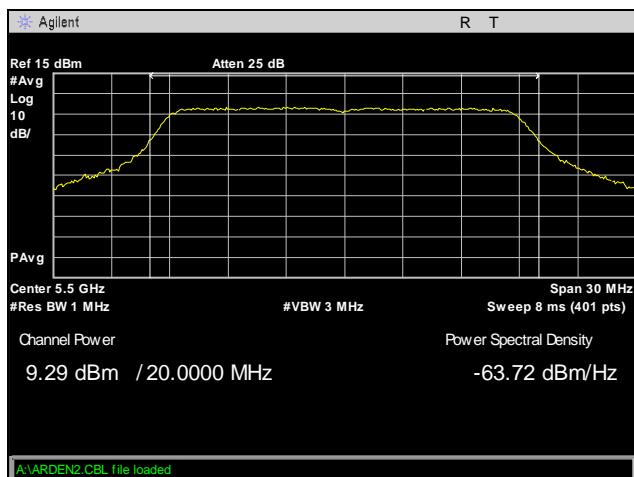## Conducted Output Power, 802.11n 20 MHz, Port 3, Radio 0, 8x8

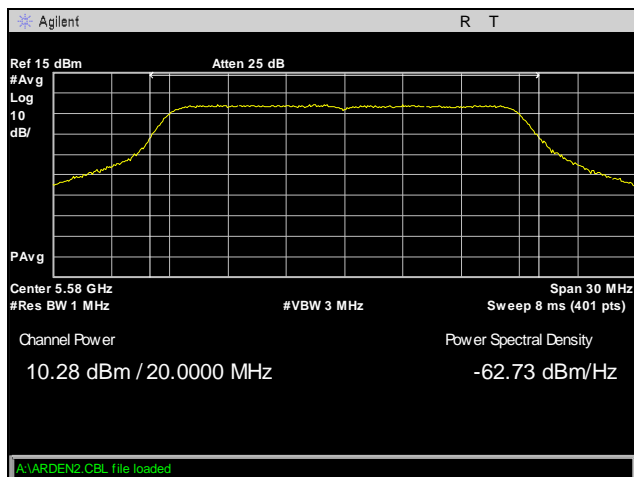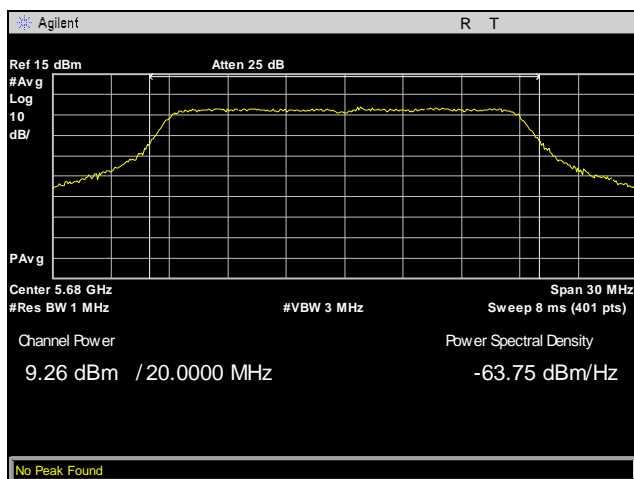**Plot 443. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 3, Radio 0, 8x8**

Plot 444. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 3, Radio 0, 8x8

Plot 445. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 3, Radio 0, 8x8

Plot 446. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 3, Radio 0, 8x8
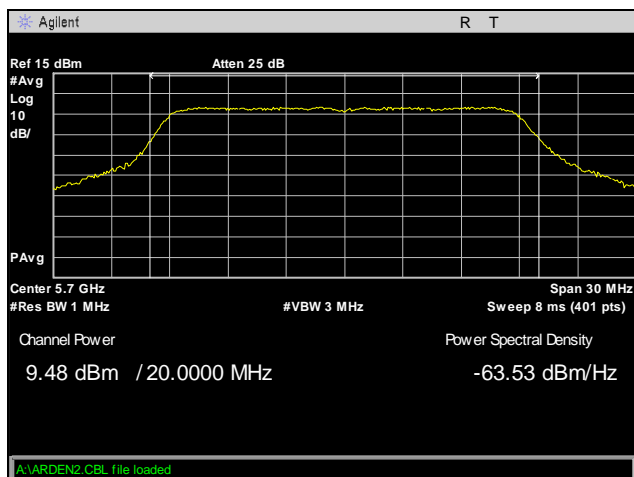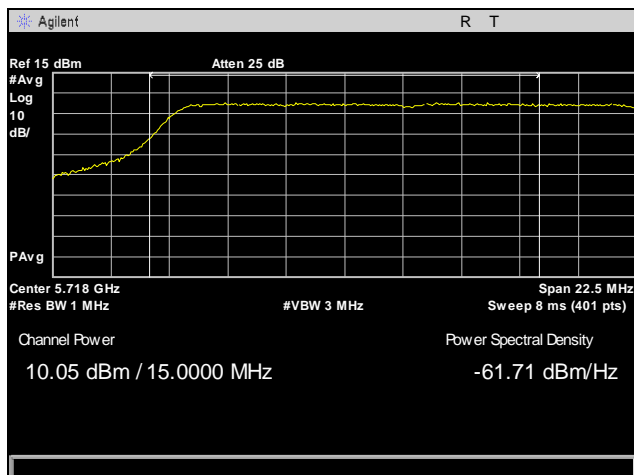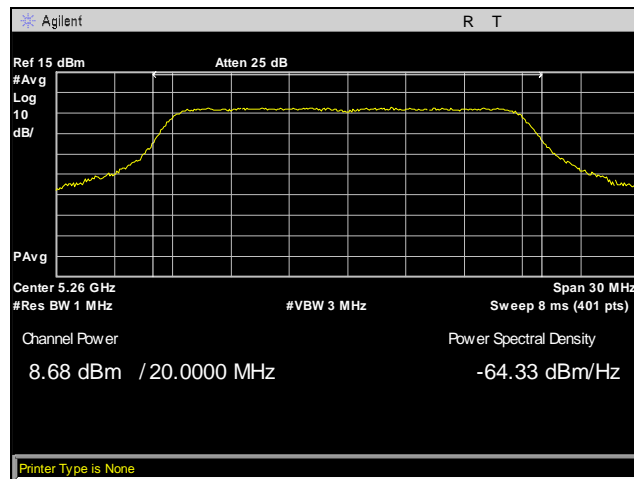

Plot 447. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 3, Radio 0, 8x8

Plot 448. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 3, Radio 0, 8x8

Plot 449. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 3, Radio 0, 8x8
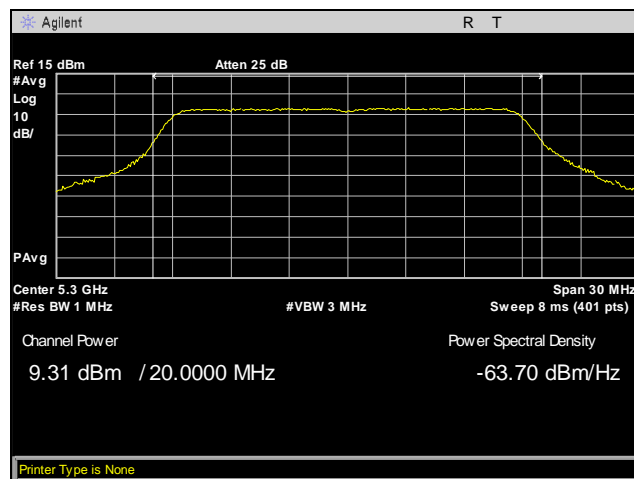

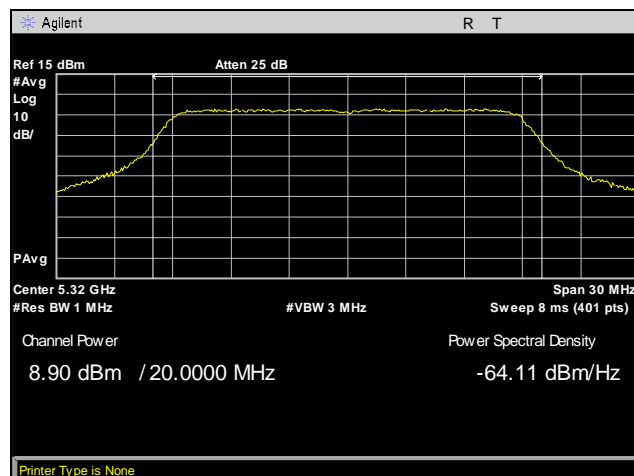**Plot 450. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 3, Radio 0, 8x8**

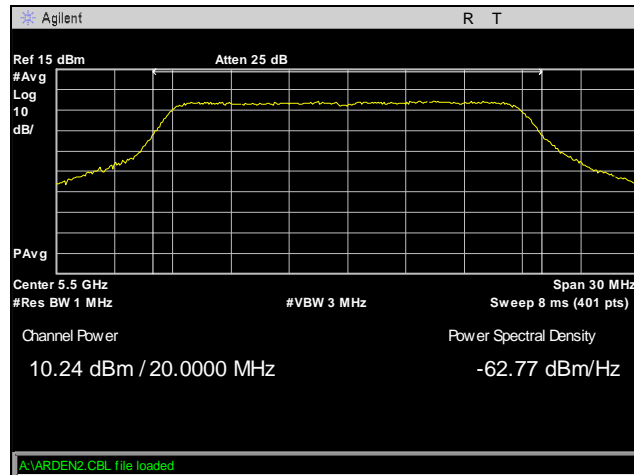## Conducted Output Power, 802.11n 20 MHz, Port 4, Radio 0, 8x8

Plot 451. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 4, Radio 0, 8x8
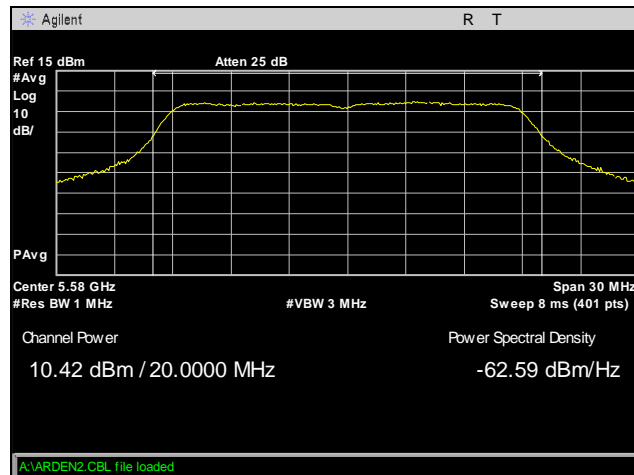

Plot 452. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 4, Radio 0, 8x8
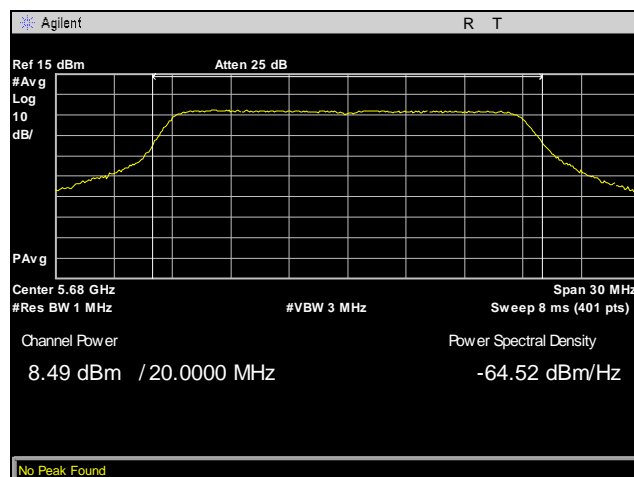

Plot 453. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 4, Radio 0, 8x8
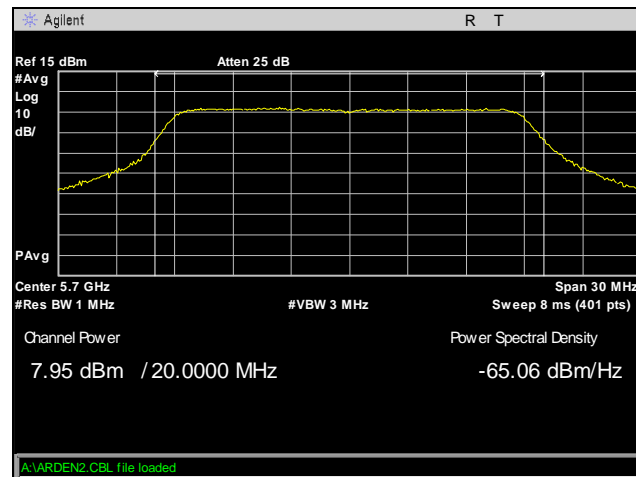
Plot 454. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 4, Radio 0, 8x8
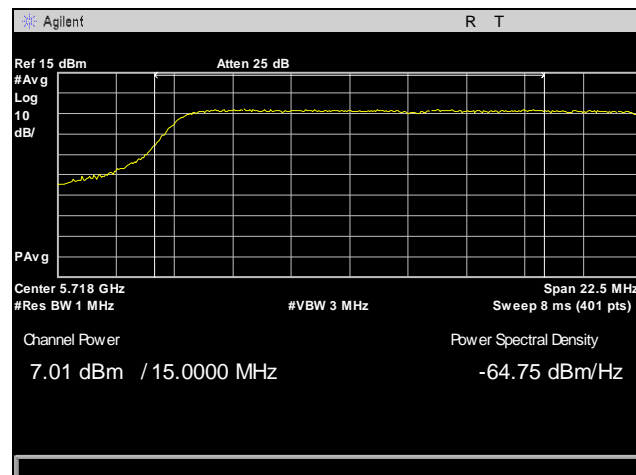

Plot 455. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 4, Radio 0, 8x8

Plot 456. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 4, Radio 0, 8x8
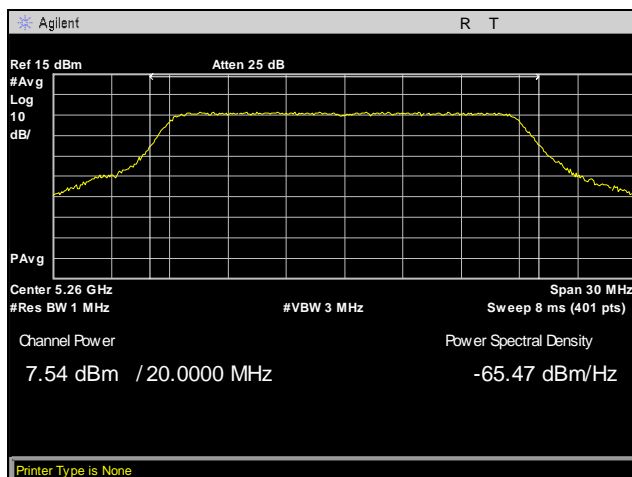
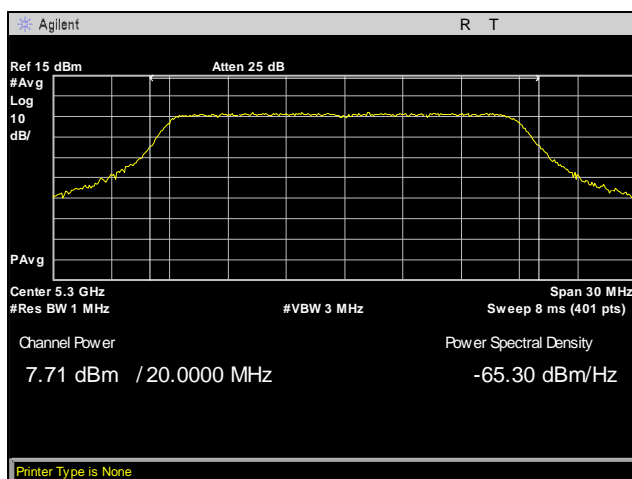**Plot 457. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 4, Radio 0, 8x8**

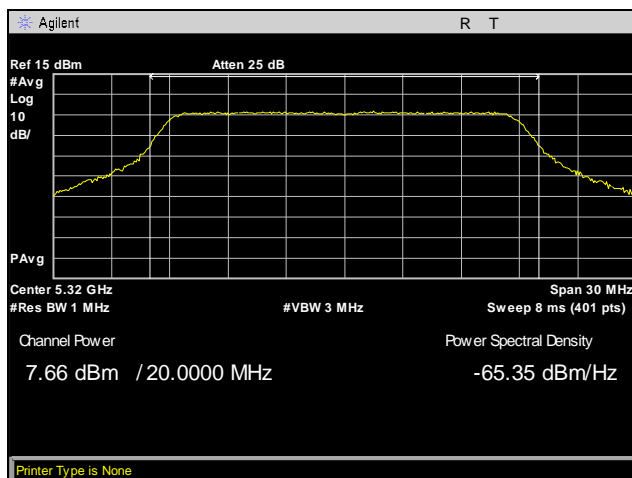**Plot 458. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 4, Radio 0, 8x8**

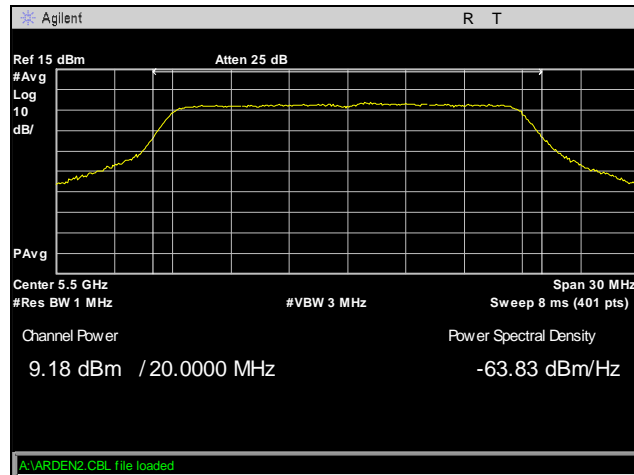## Conducted Output Power, 802.11n 20 MHz, Port 5, Radio 1, 8x8

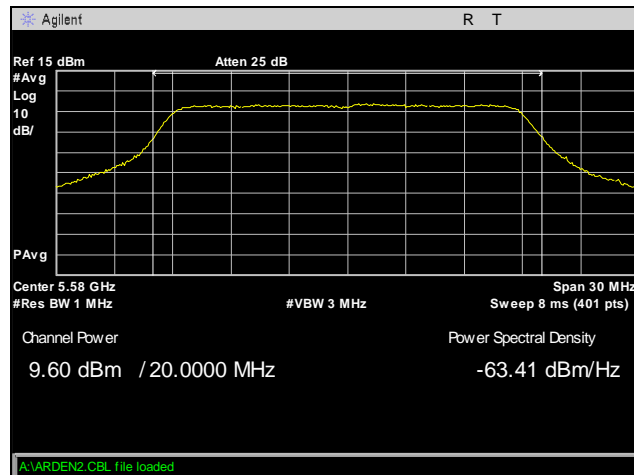**Plot 459. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 5, Radio 1, 8x8**

Plot 460. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 5, Radio 1, 8x8
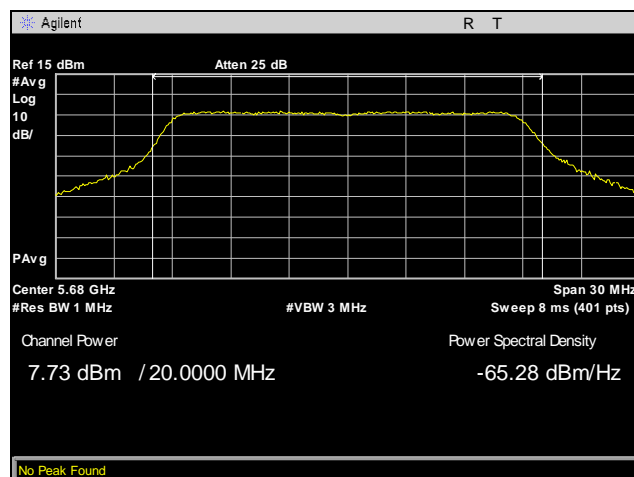

Plot 461. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 5, Radio 1, 8x8
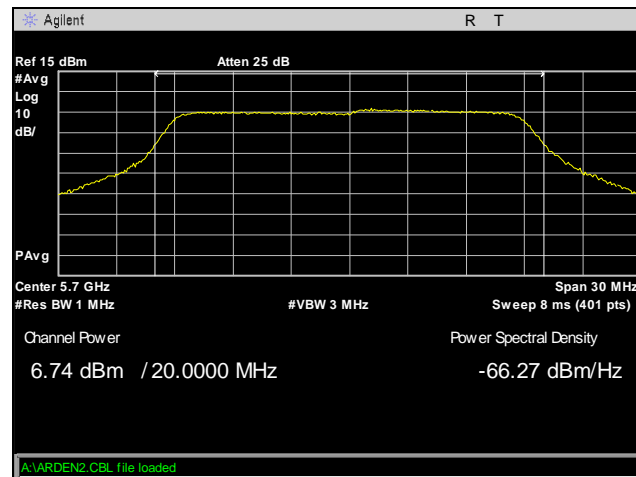
Plot 462. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 5, Radio 1, 8x8

Plot 463. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 5, Radio 1, 8x8

Plot 464. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 5, Radio 0, 8x8

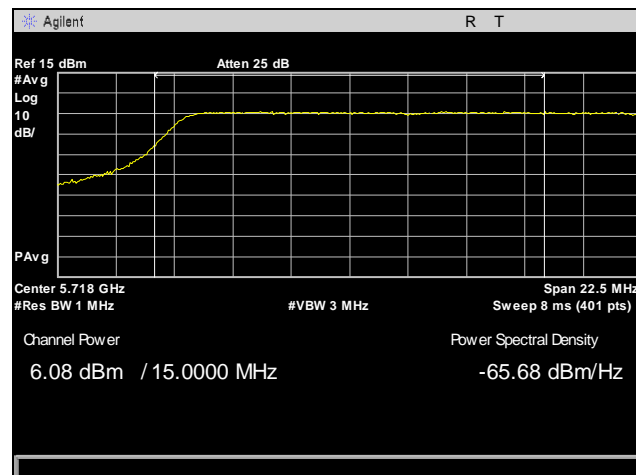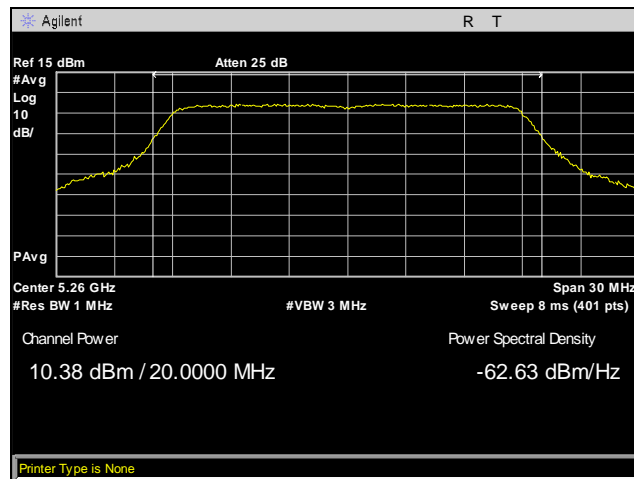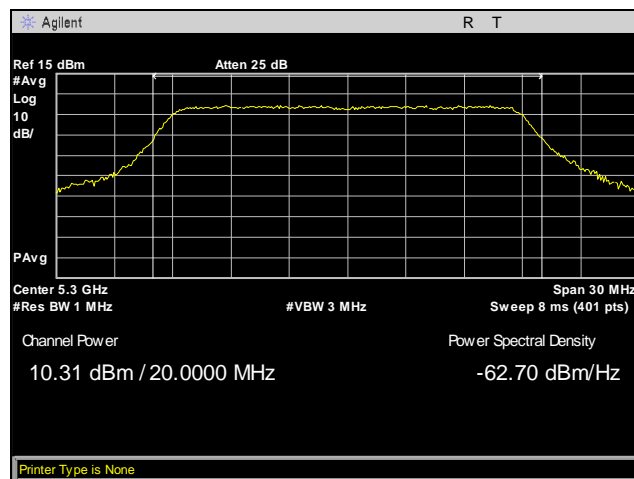**Plot 465. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 5, Radio 1, 8x8**

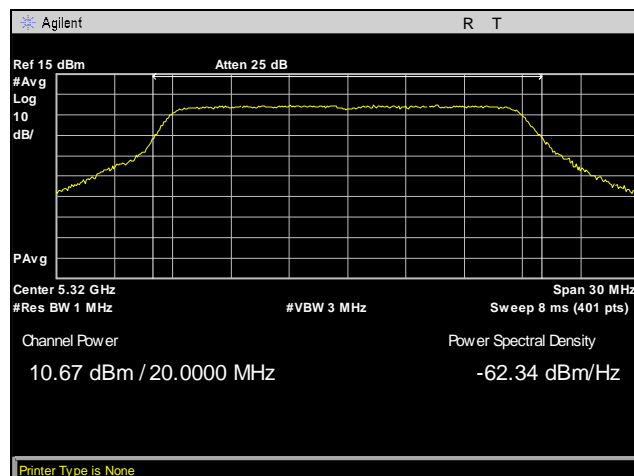**Plot 466. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 5, Radio 1, 8x8**

Conducted Output Power, 802.11n 20 MHz, Port 6, Radio 1, 8x8

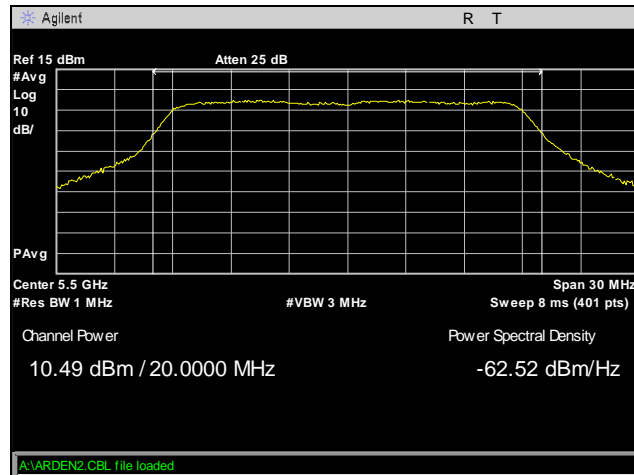**Plot 467. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 6, Radio 1, 8x8**

Plot 468. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 6, Radio 1, 8x8

Plot 469. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 6, Radio 1, 8x8

Plot 470. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 6, Radio 1, 8x8
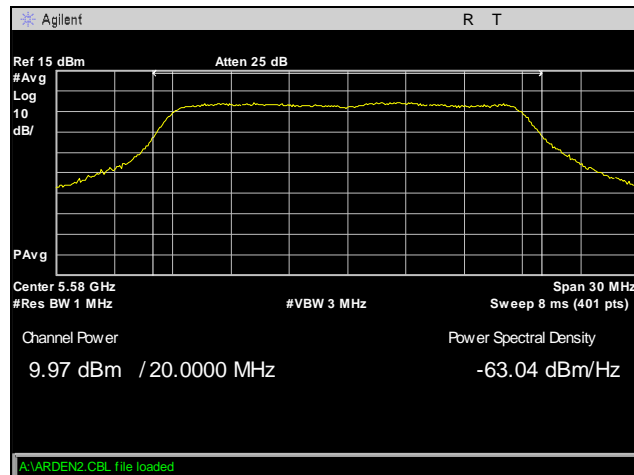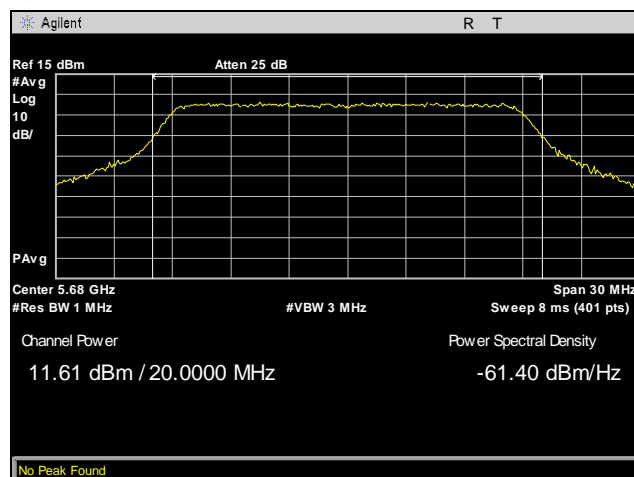

Plot 471. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 6, Radio 1, 8x8

Plot 472. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 6, Radio 0, 8x8

MET®

ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
CFR Title 47, Part 15, Subpart E

Plot 473. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 6, Radio 1, 8x8

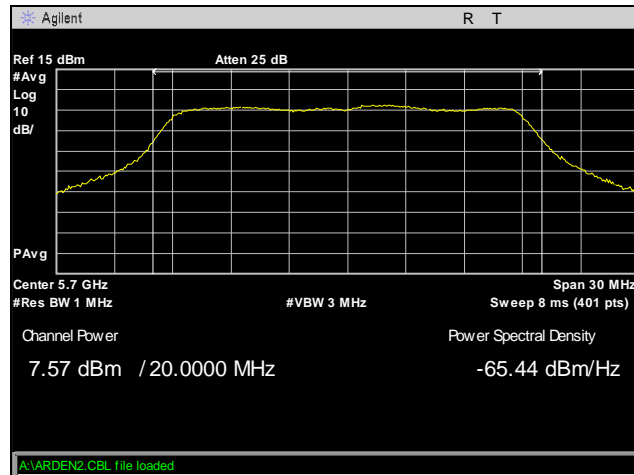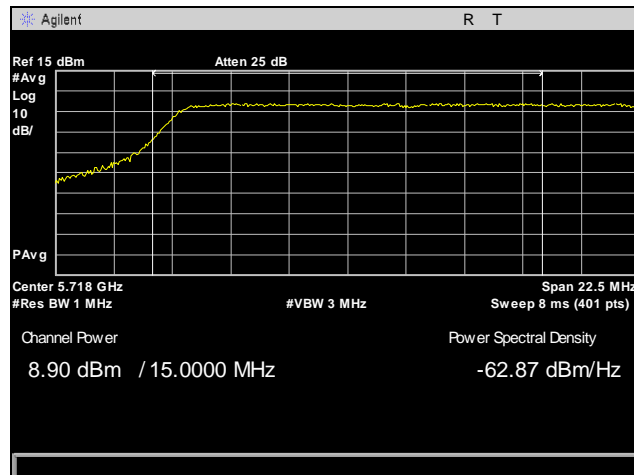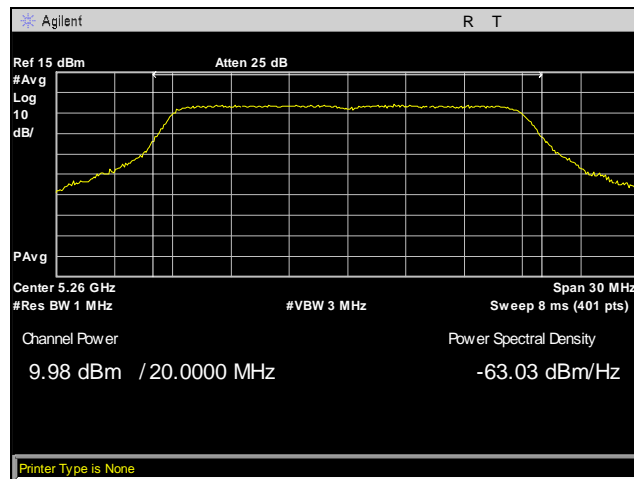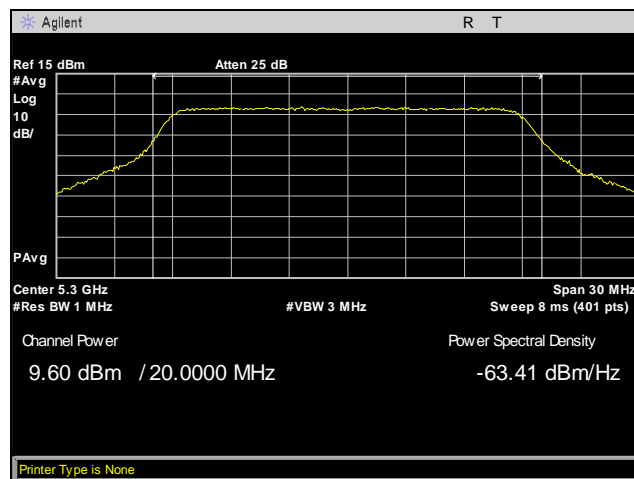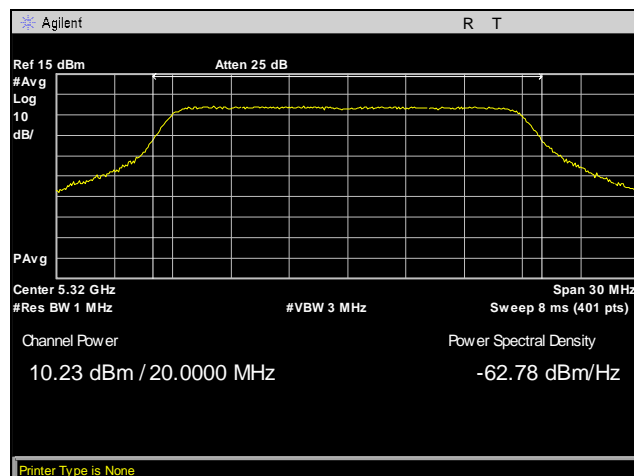**Plot 474. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 6, Radio 1, 8x8**

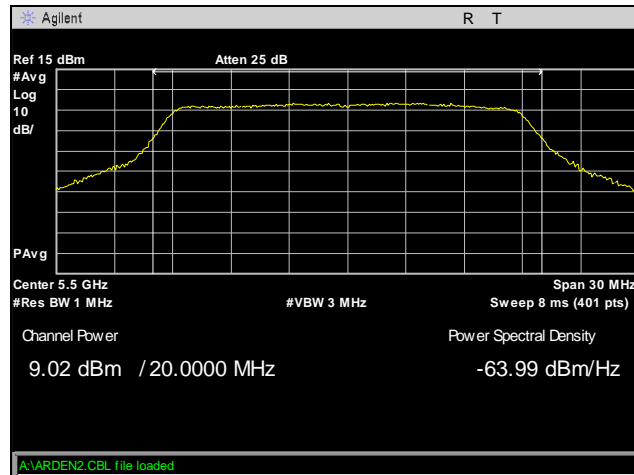## Conducted Output Power, 802.11n 20 MHz, Port 7, Radio 1, 8x8

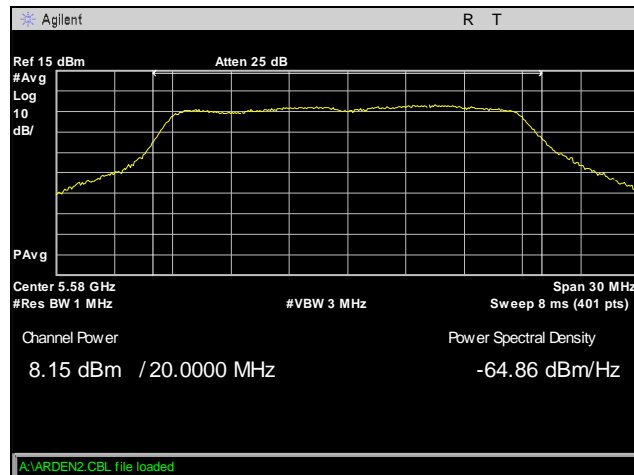**Plot 475. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 7, Radio 1, 8x8**

Plot 476. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 7, Radio 1, 8x8

Plot 477. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 7, Radio 1, 8x8

Plot 478. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 7, Radio 1, 8x8
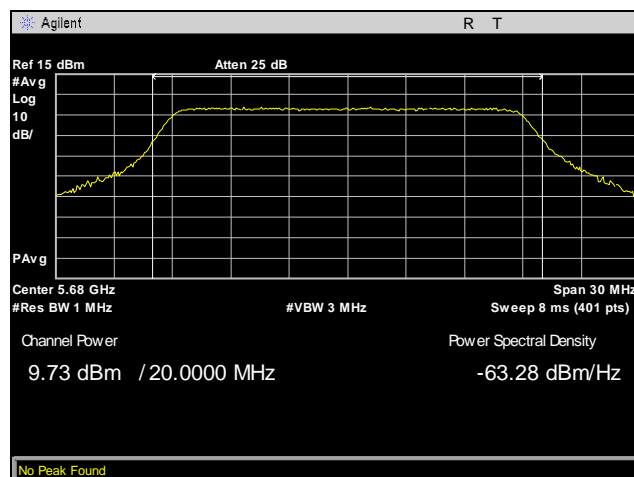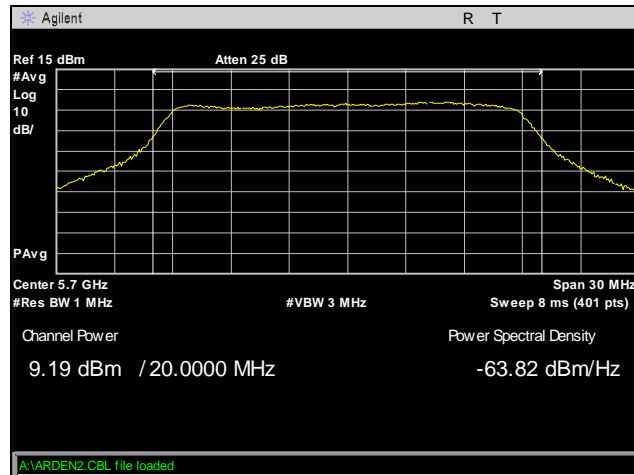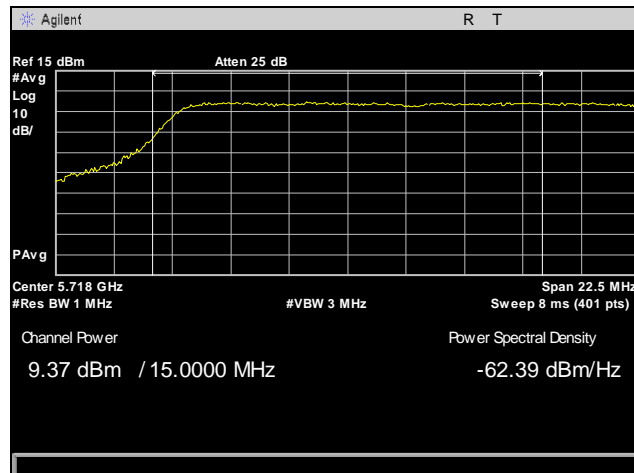

Plot 479. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 7, Radio 1, 8x8

Plot 480. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 7, Radio 0, 8x8

Agilent   R T

Ref 15 dBm   Atten 25 dB
#Avg
Log
10
dB/

PAvg

Center 5.7 GHz   Span 30 MHz
#Res BW 1 MHz   #VBW 3 MHz   Sweep 8 ms (401 pts)

Channel Power   Power Spectral Density

10.26 dBm / 20.0000 MHz   -62.75 dBm/Hz

A:\ARDEN2.CBL file loaded

Plot 481. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 7, Radio 1, 8x8

Agilent   R T

Ref 15 dBm   Atten 25 dB
#Avg
Log
10
dB/

PAvg

Center 5.718 GHz   Span 22.5 MHz
#Res BW 1 MHz   #VBW 3 MHz   Sweep 8 ms (401 pts)

Channel Power   Power Spectral Density

9.77 dBm / 15.0000 MHz   -61.99 dBm/Hz

Plot 482. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 7, Radio 1, 8x8

Conducted Output Power, 802.11n 20 MHz, Port 8, Radio 1, 8x8
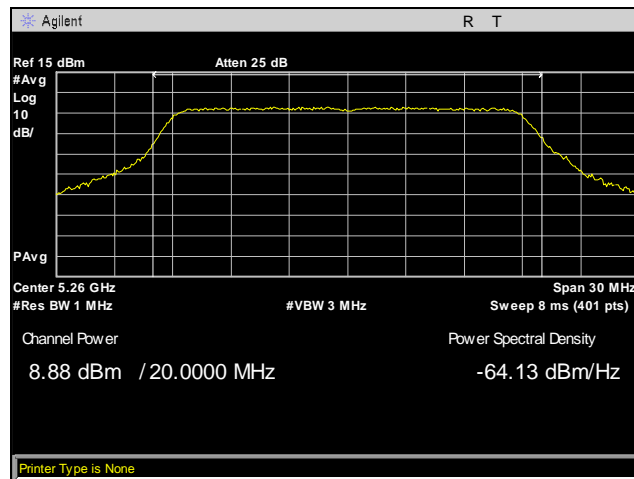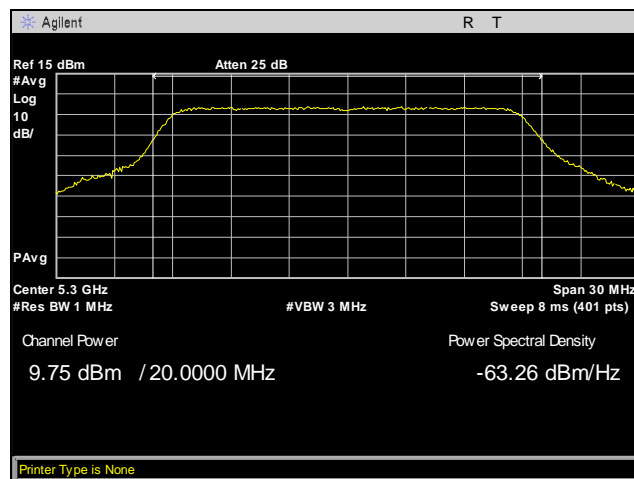

Plot 483. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 8, Radio 1, 8x8

Plot 484. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 8, Radio 1, 8x8

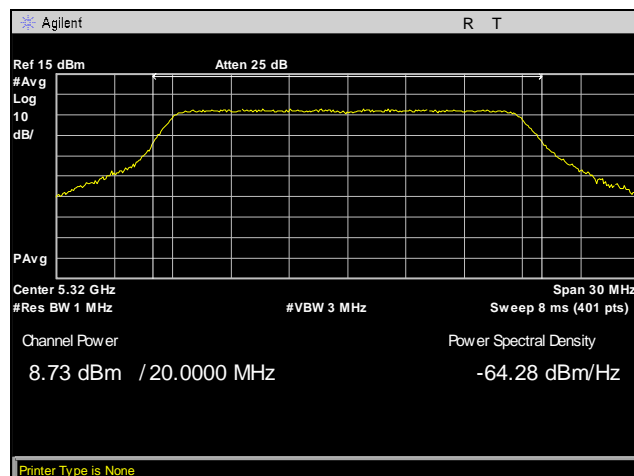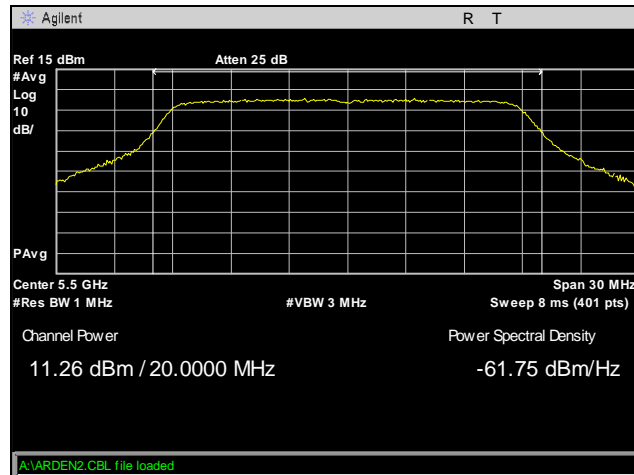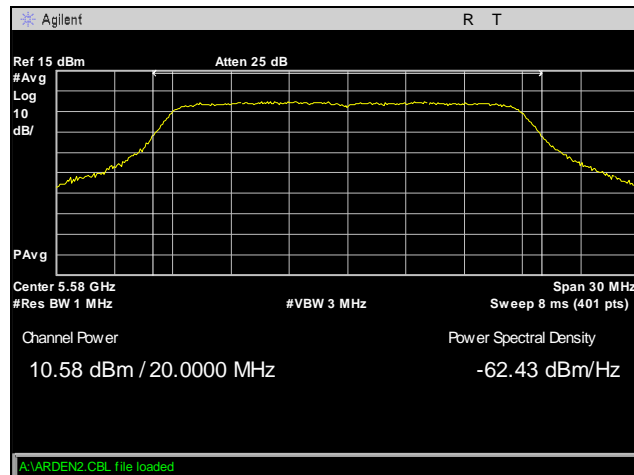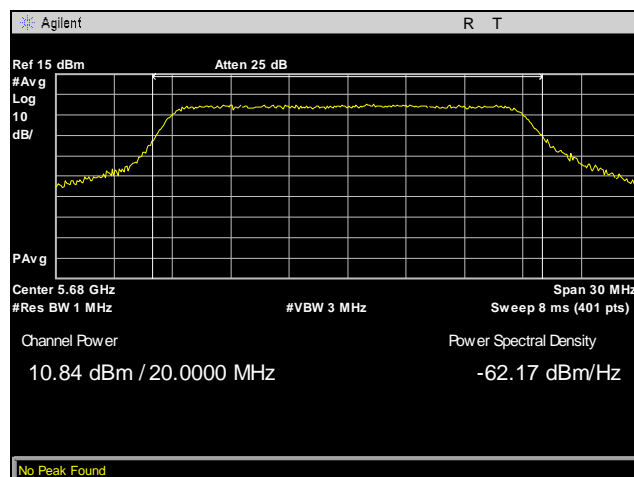**Plot 485. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 8, Radio 1, 8x8**
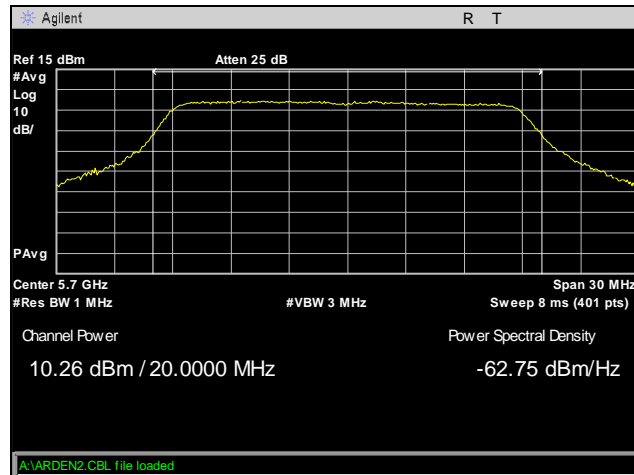
Plot 486. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 8, Radio 1, 8x8
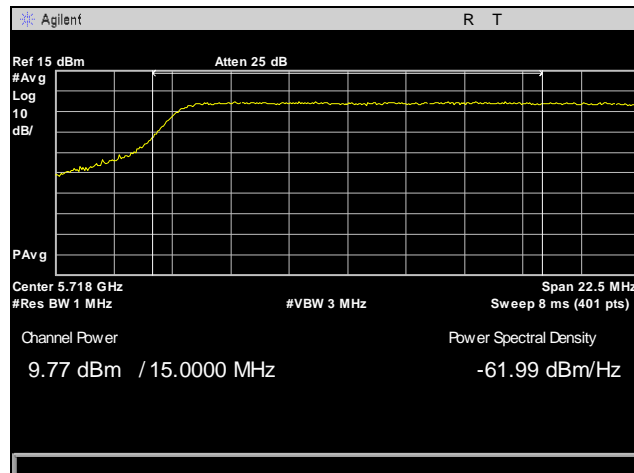

Plot 487. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 8, Radio 1, 8x8

Plot 488. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 8, Radio 0, 8x8
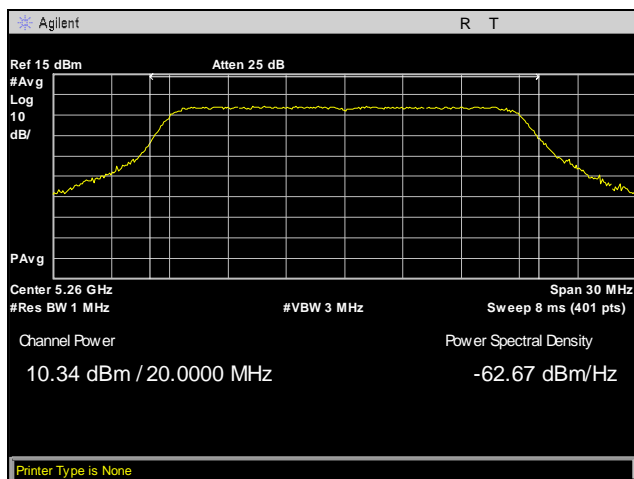
Plot 489. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 8, Radio 1, 8x8
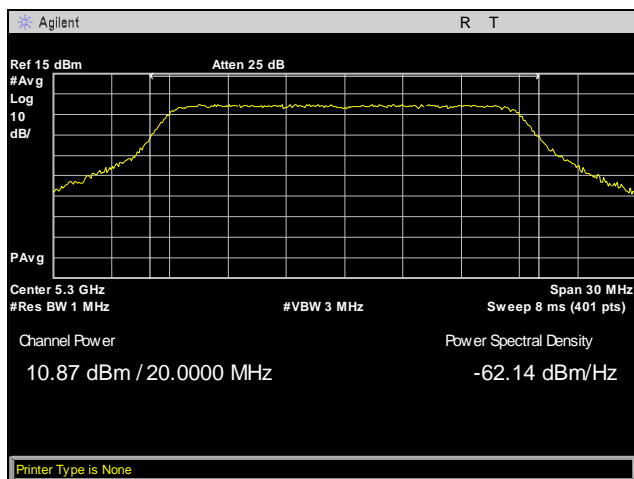

Plot 490. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 8, Radio 1, 8x8
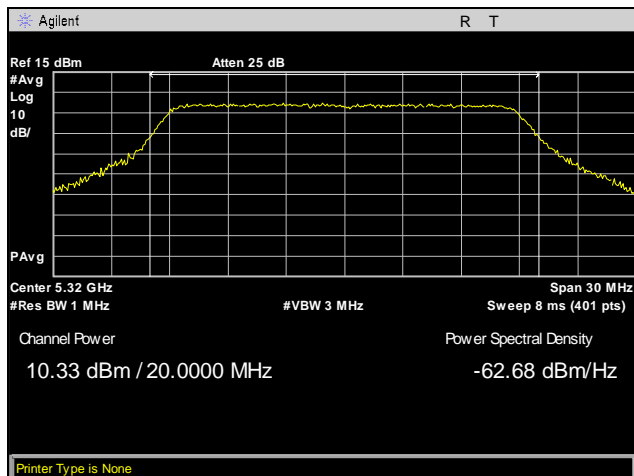
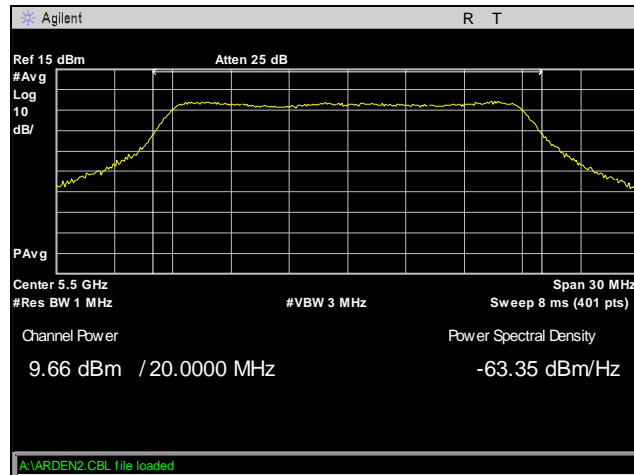## Conducted Output Power, 802.11n 40 MHz, Port 1, Radio 0, 8x8

Plot 491. **Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 1, Radio 0, 8x8**

Plot 492. **Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 1, Radio 0, 8x8**

Plot 493. **Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 1, Radio 0, 8x8**

Plot 494. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 1, Radio 0, 8x8

Plot 495. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 1, Radio 0, 8x8

Plot 496. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 1, Radio 0, 8x8

Conducted Output Power, 802.11n 40 MHz, Port 2, Radio 0, 8x8

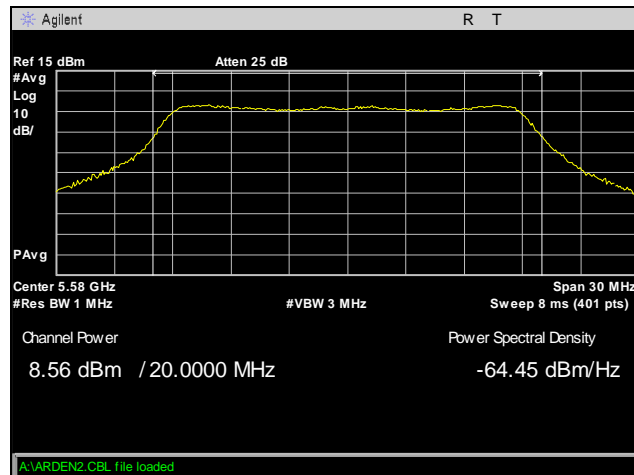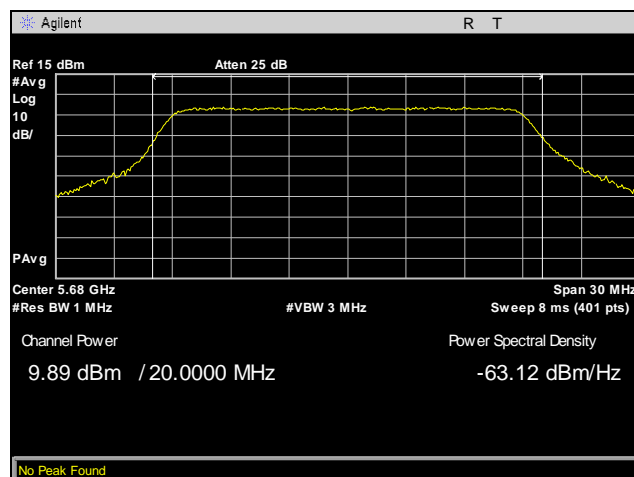**Plot 497. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 2, Radio 0, 8x8**

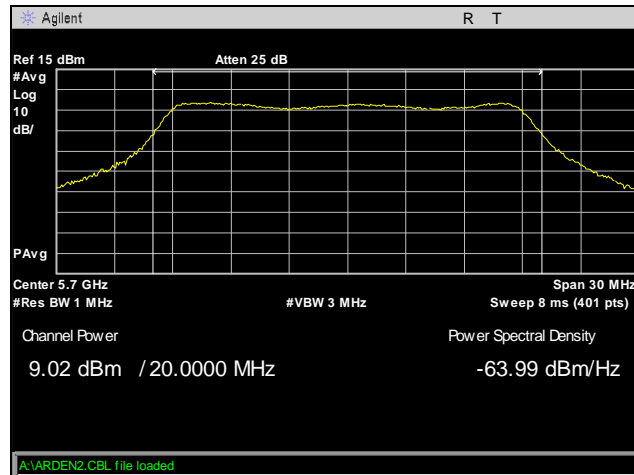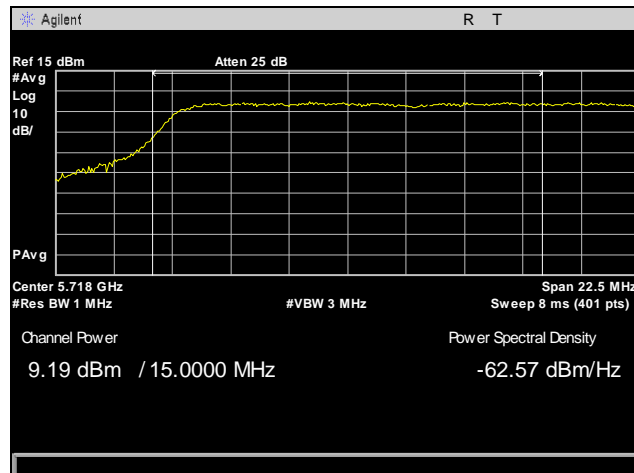**Plot 498. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 2, Radio 0, 8x8**
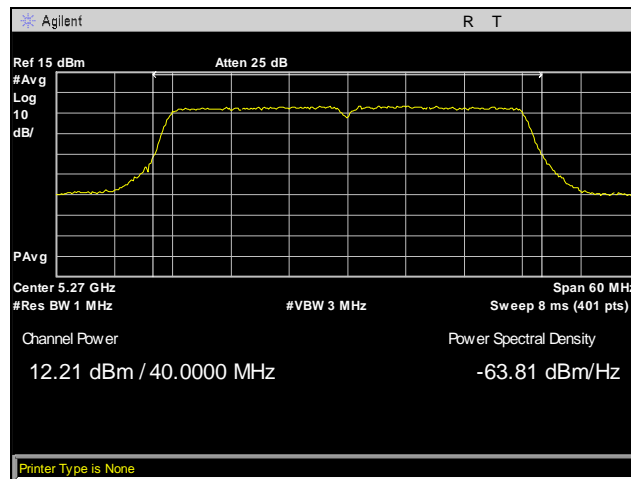

Plot 499. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 2, Radio 0, 8x8

Plot 500. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 2, Radio 0, 8x8

Plot 501. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 2, Radio 0, 8x8
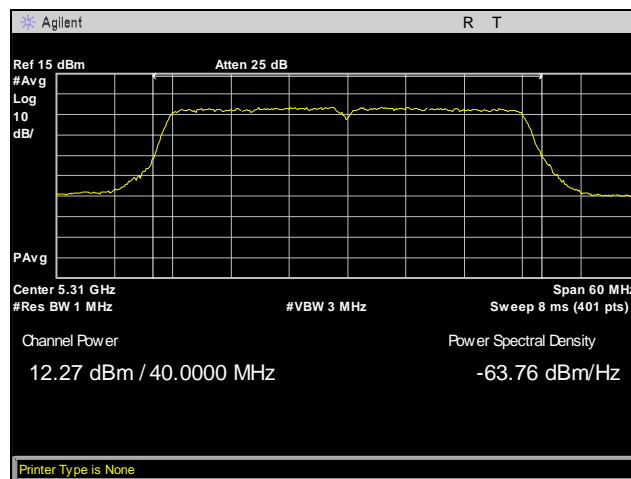

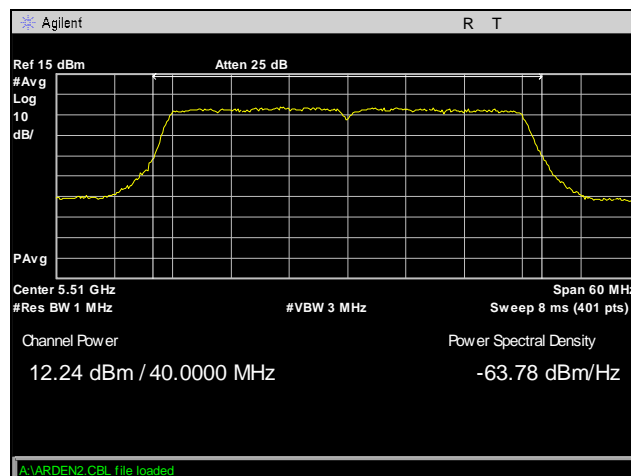**Plot 502. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 2, Radio 0, 8x8**

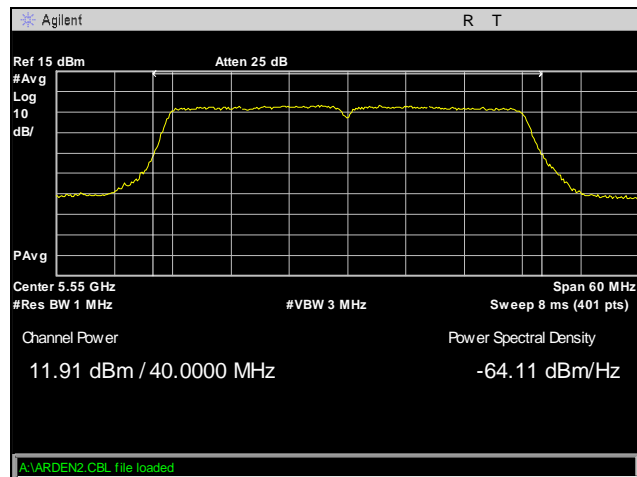## Conducted Output Power, 802.11n 40 MHz, Port 3, Radio 0, 8x8

Plot 503. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 3, Radio 0, 8x8
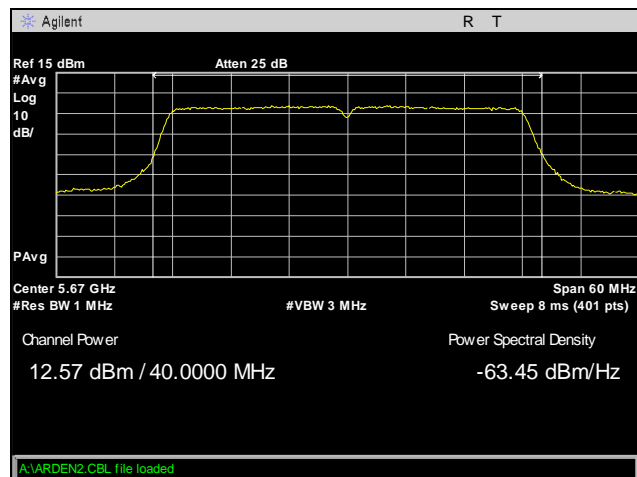

Plot 504. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 3, Radio 0, 8x8
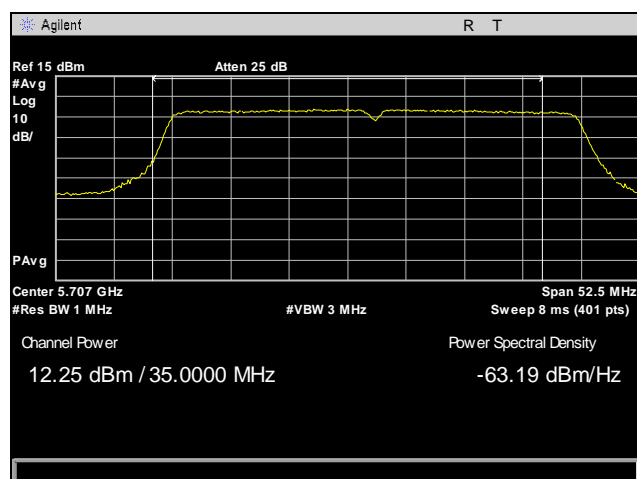

Plot 505. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 3, Radio 0, 8x8

Plot 506. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 3, Radio 0, 8x8
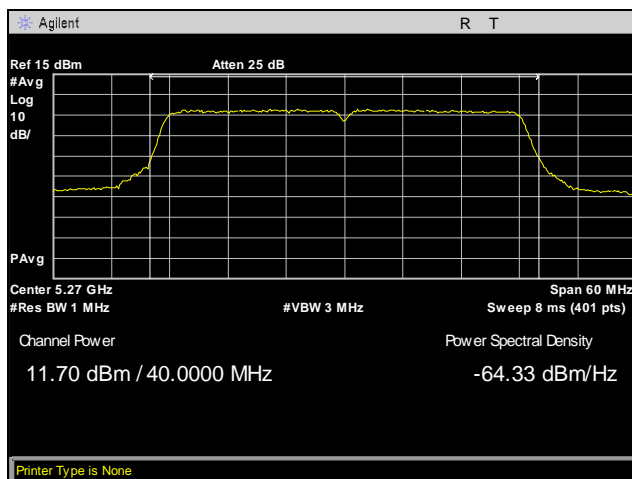

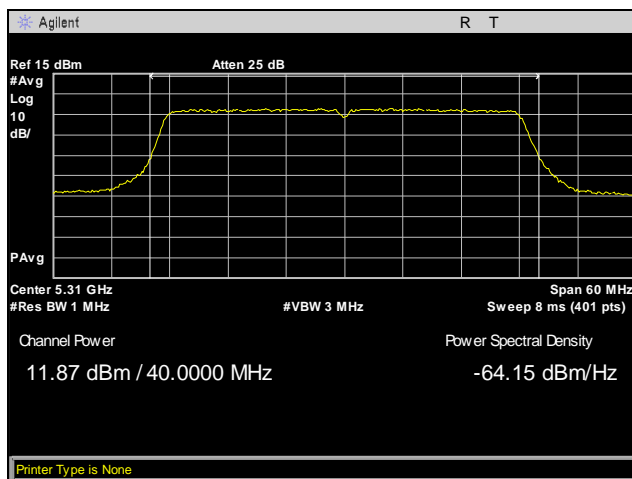**Plot 507. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 3, Radio 0, 8x8**

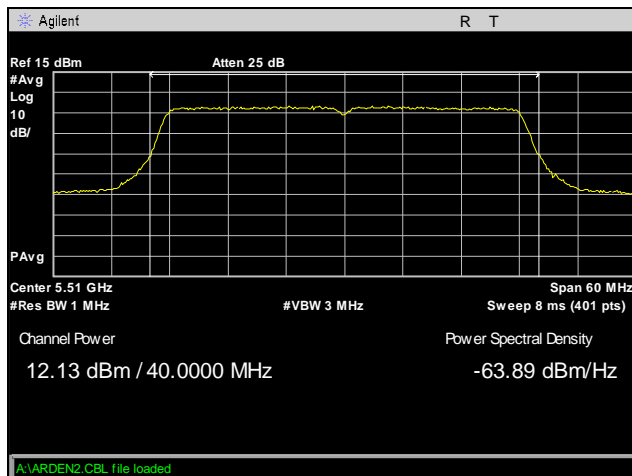**Plot 508. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 3, Radio 0, 8x8**

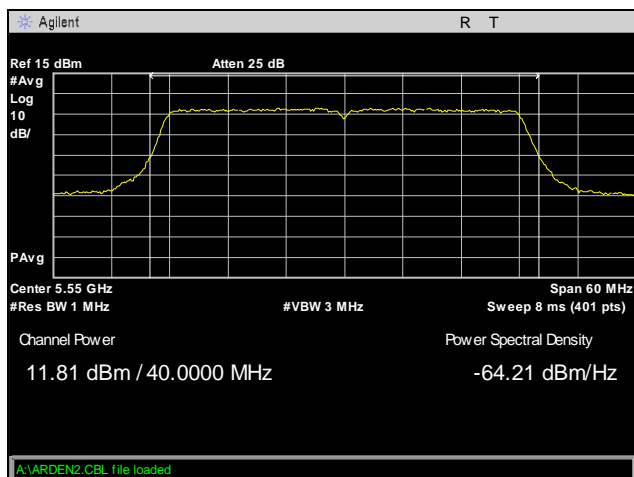## Conducted Output Power, 802.11n 40 MHz, Port 4, Radio 0, 8x8

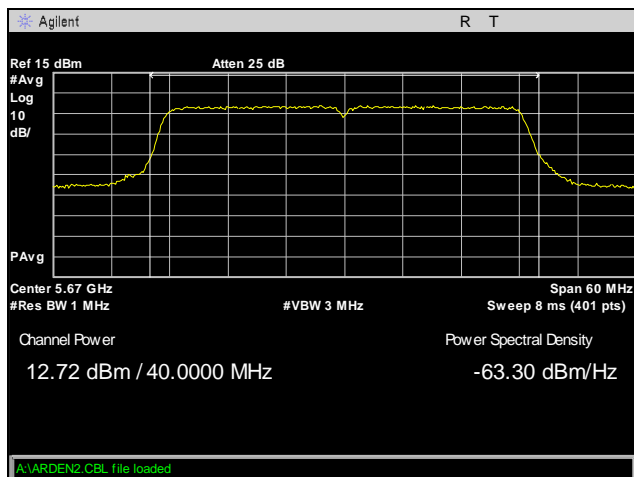**Plot 509. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 4, Radio 0, 8x8**

Plot 510. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 4, Radio 0, 8x8
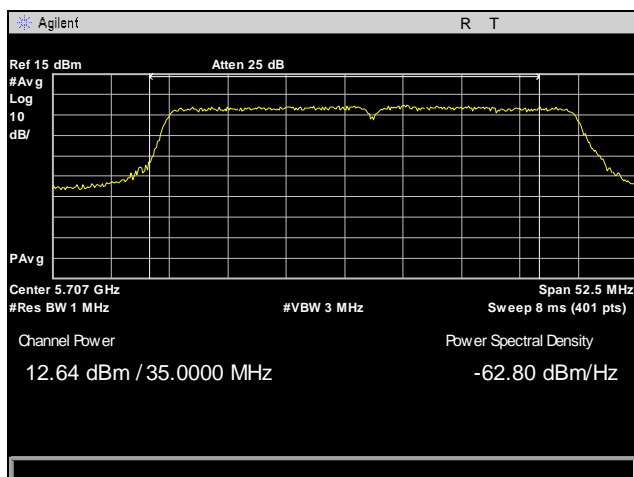

Plot 511. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 4, Radio 0, 8x8

Plot 512. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 4, Radio 0, 8x8
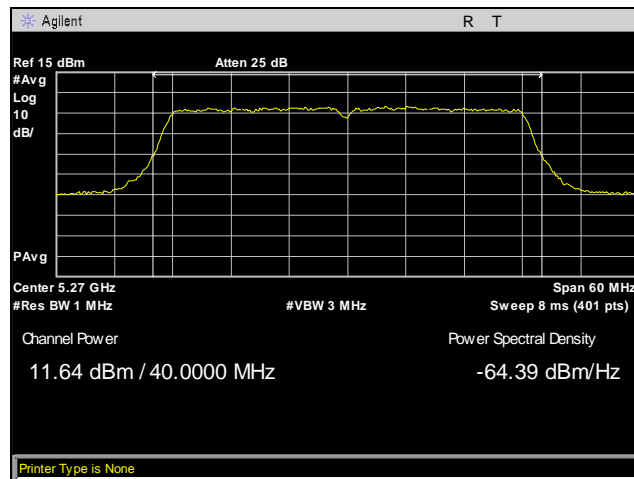

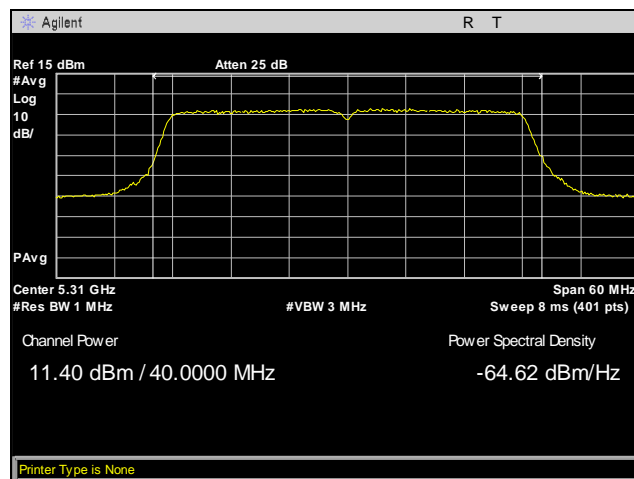**Plot 513. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 4, Radio 0, 8x8**

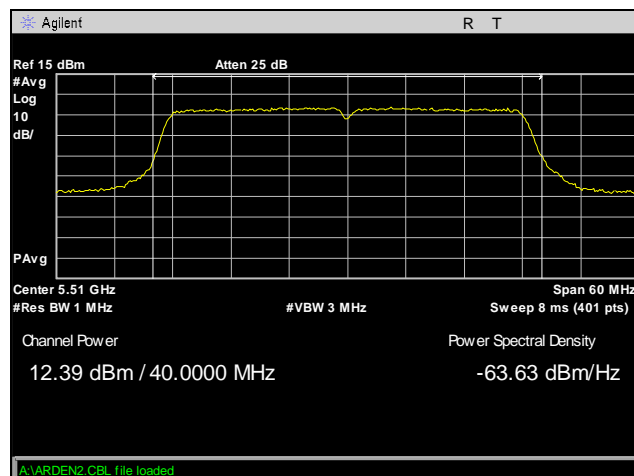**Plot 514. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 4, Radio 0, 8x8**

Conducted Output Power, 802.11n 40 MHz, Port 5, Radio 1, 8x8

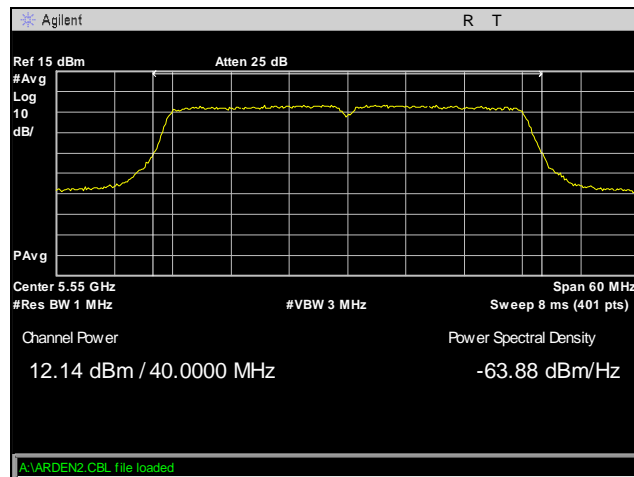**Plot 515. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 5, Radio 1, 8x8**

Plot 516. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 5, Radio 1, 8x8

Plot 517. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 5, Radio 1, 8x8

Plot 518. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 5, Radio 1, 8x8

Plot 519. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 5, Radio 1, 8x8

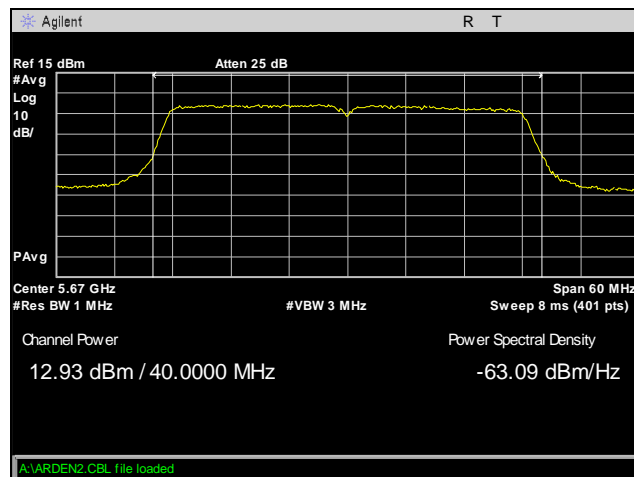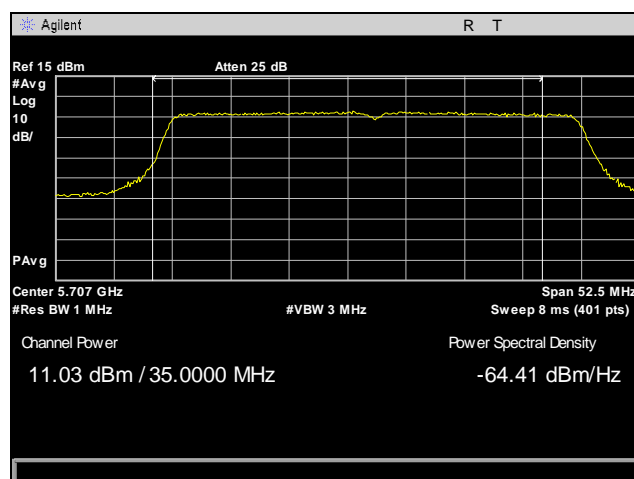**Plot 520. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 5, Radio 1, 8x8**

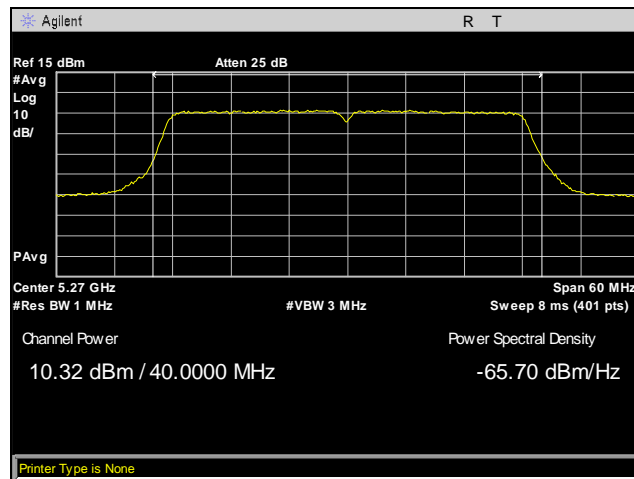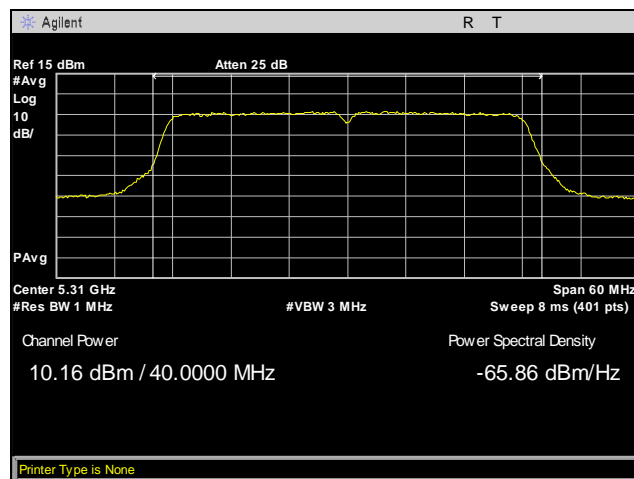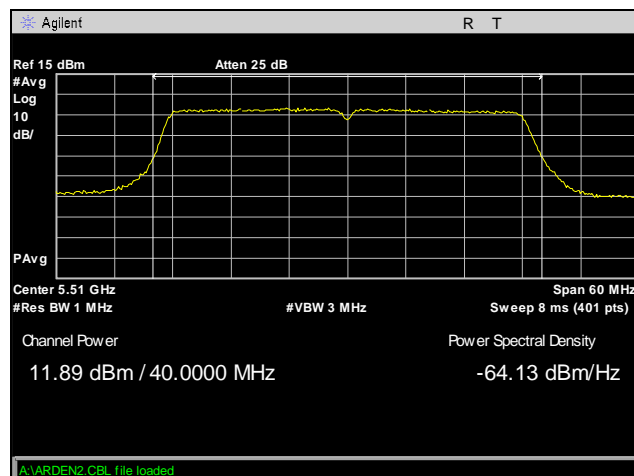## Conducted Output Power, 802.11n 40 MHz, Port 6, Radio 1, 8x8

Plot 521. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 6, Radio 1, 8x8

Plot 522. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 6, Radio 1, 8x8

Plot 523. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 6, Radio 1, 8x8

Plot 524. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 6, Radio 1, 8x8

Plot 525. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 6, Radio 1, 8x8
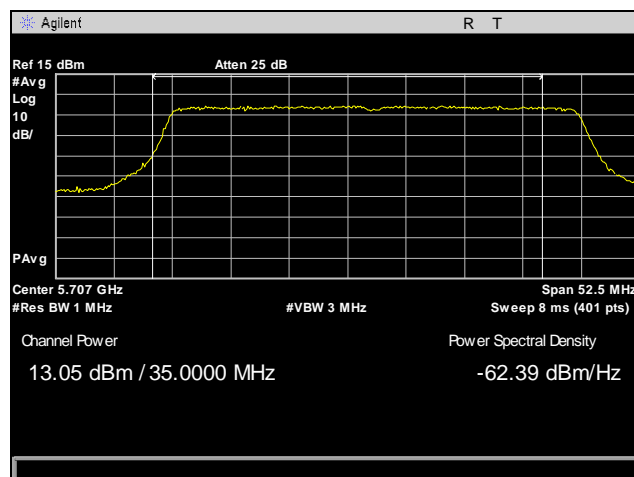
Plot 526. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 6, Radio 1, 8x8

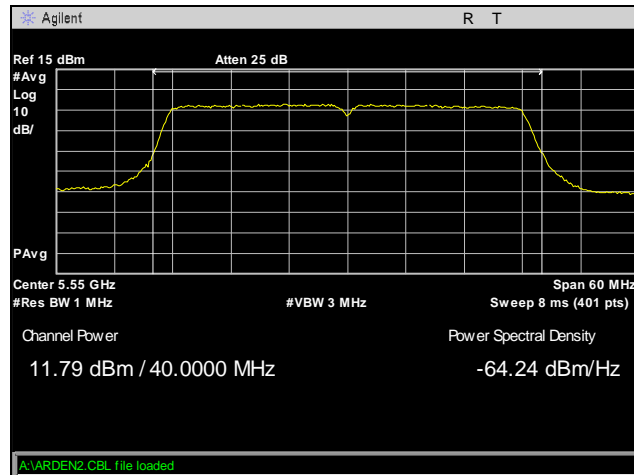## Conducted Output Power, 802.11n 40 MHz, Port 7, Radio 1, 8x8
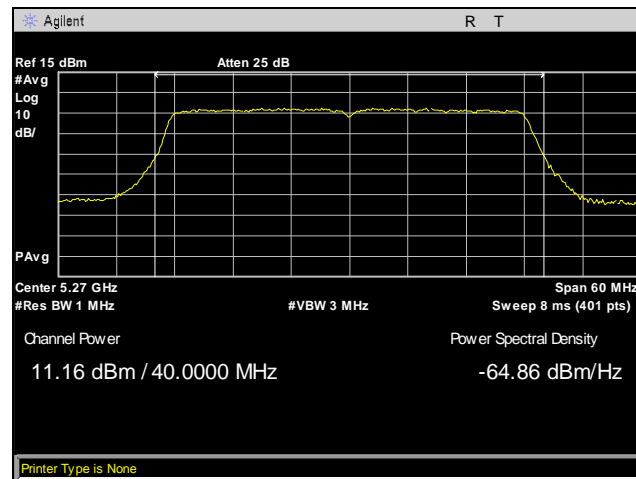
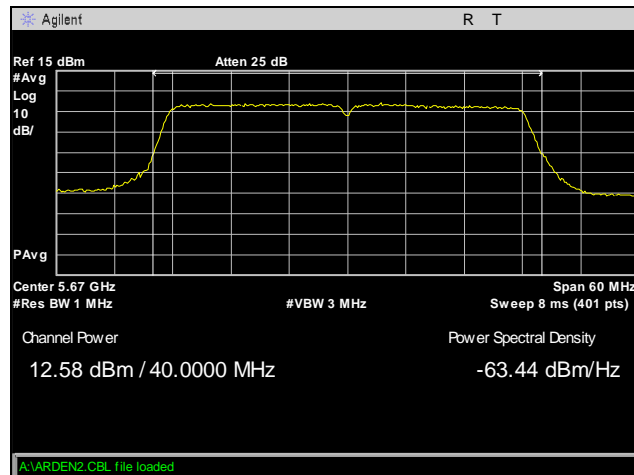**Plot 527. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 7, Radio 1, 8x8**
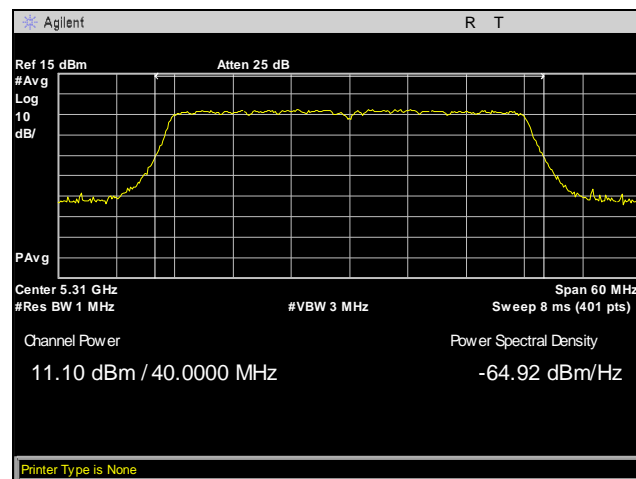
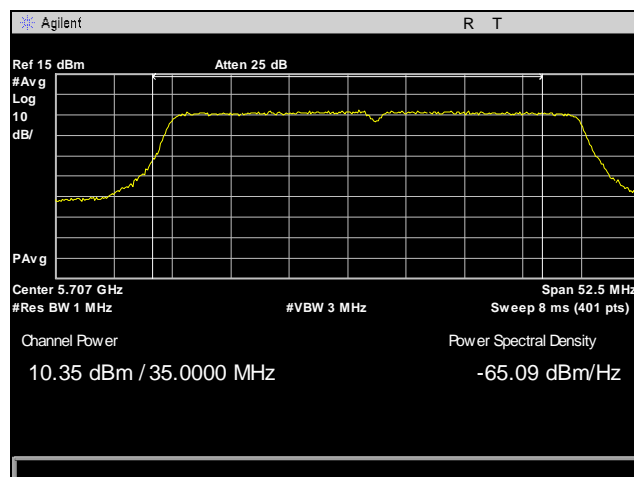**Plot 528. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 7, Radio 1, 8x8**
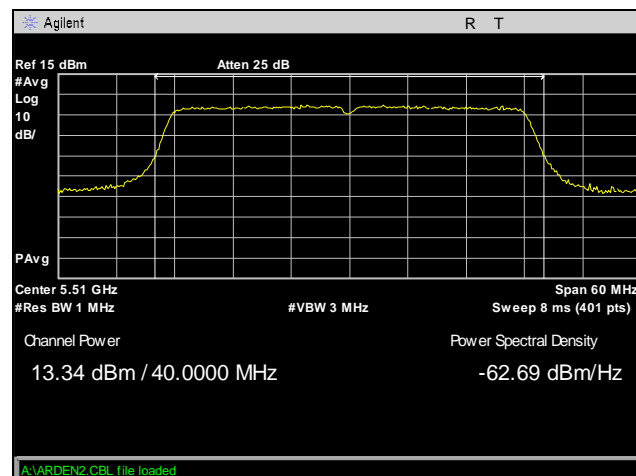
Plot 529. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 7, Radio 1, 8x8
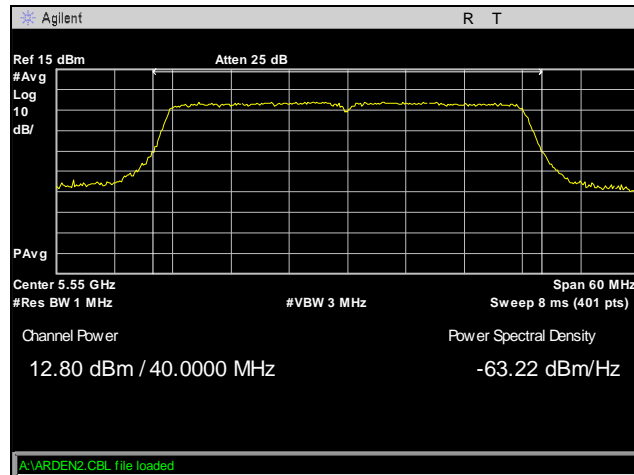
Plot 530. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 7, Radio 1, 8x8
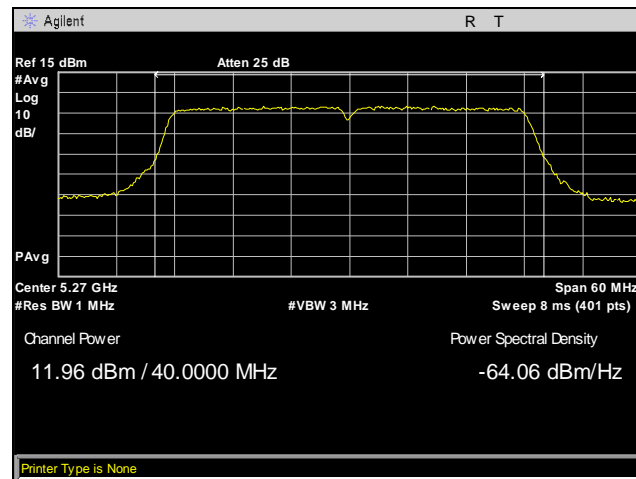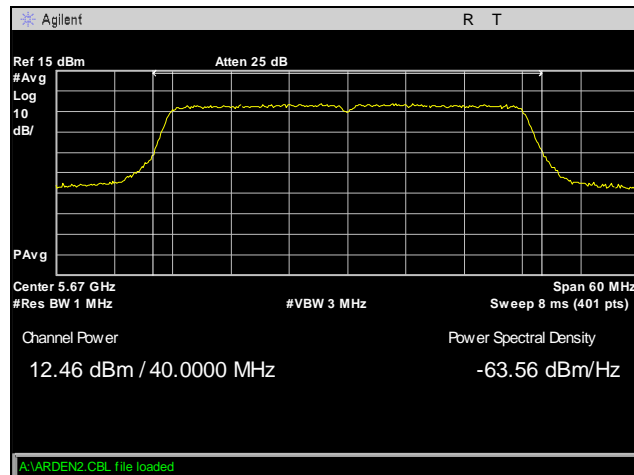

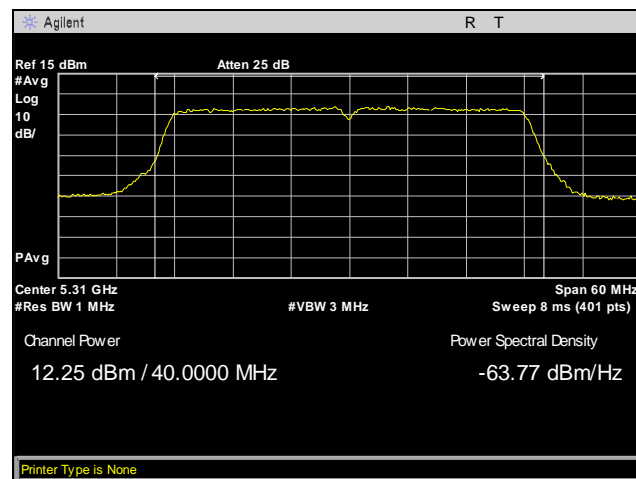**Plot 531. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 7, Radio 1, 8x8**
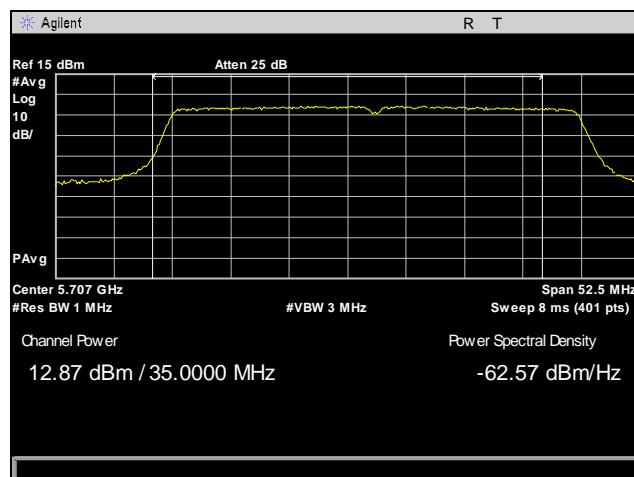
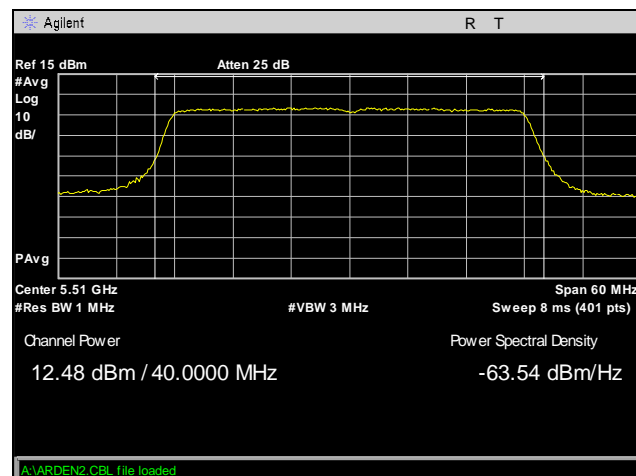**Plot 532. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 7, Radio 1, 8x8**

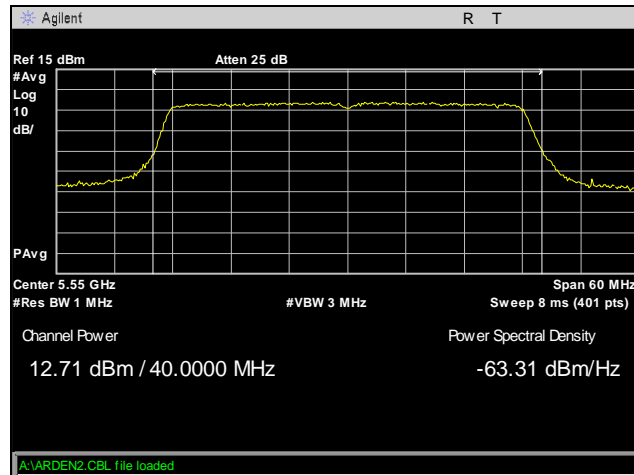## Conducted Output Power, 802.11n 40 MHz, Port 8, Radio 1, 8x8
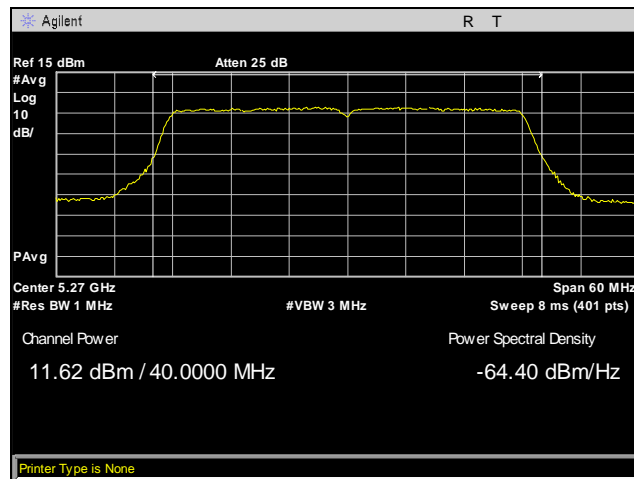
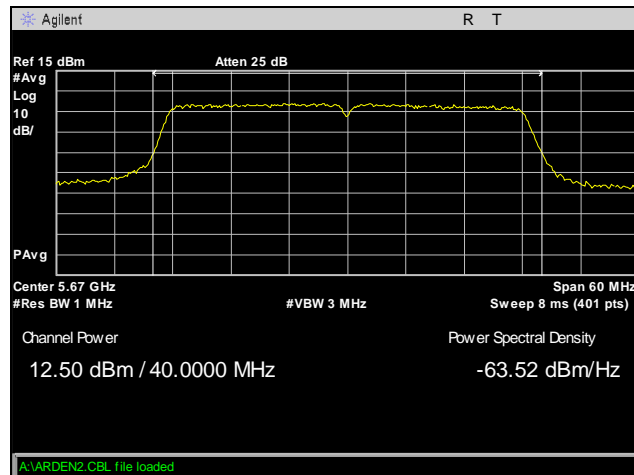**Plot 533. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 8, Radio 1, 8x8**
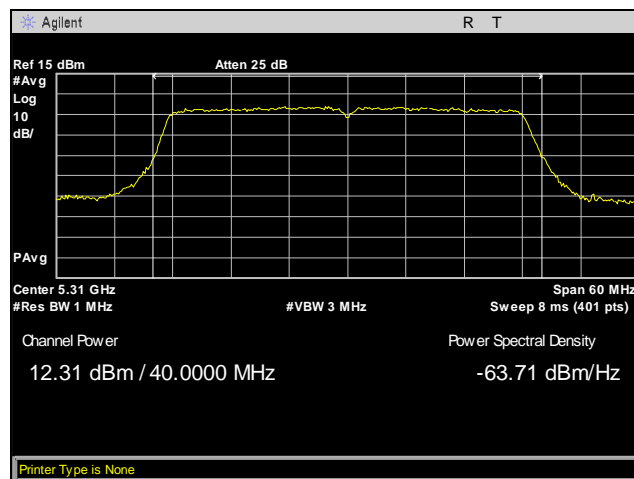
Plot 534. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 8, Radio 1, 8x8
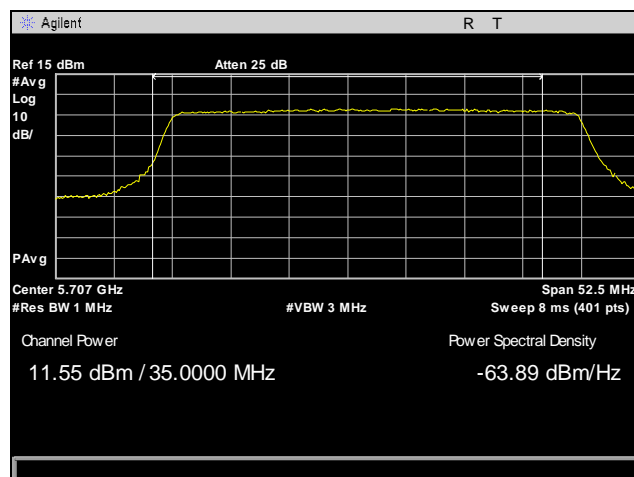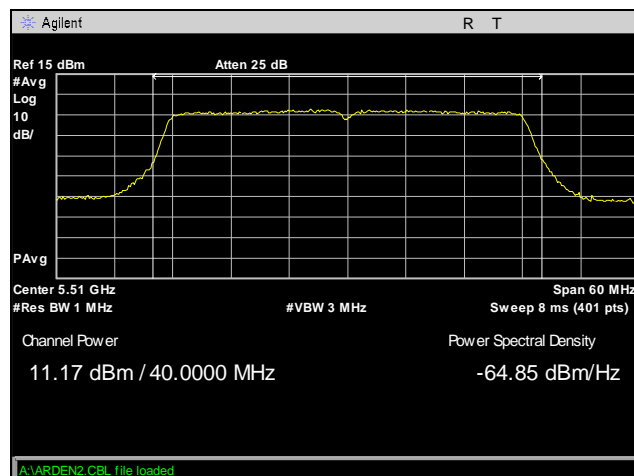

Plot 535. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 8, Radio 1, 8x8
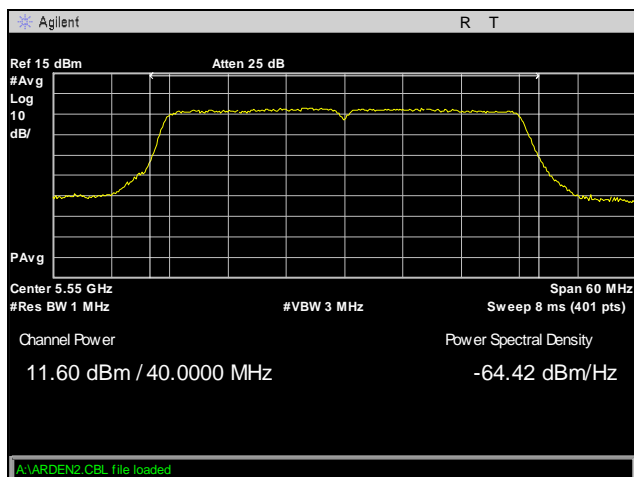
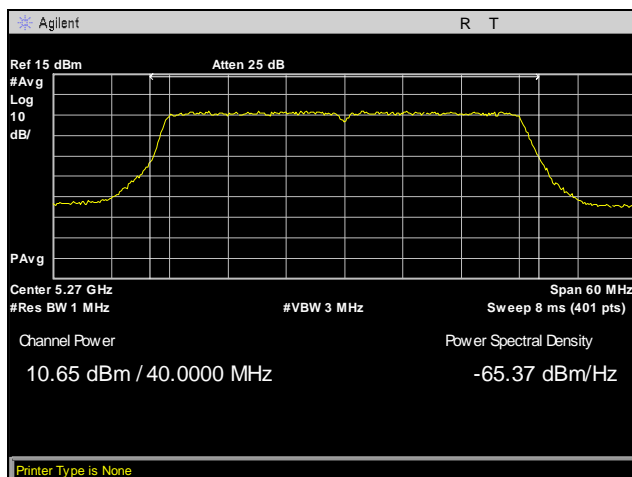**Plot 536. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 8, Radio 1, 8x8**
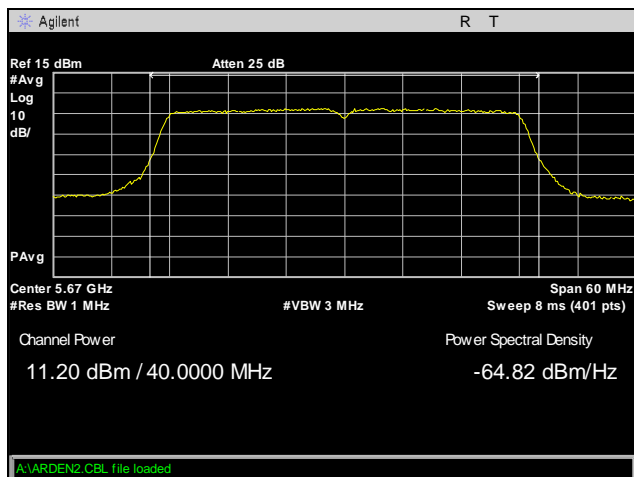
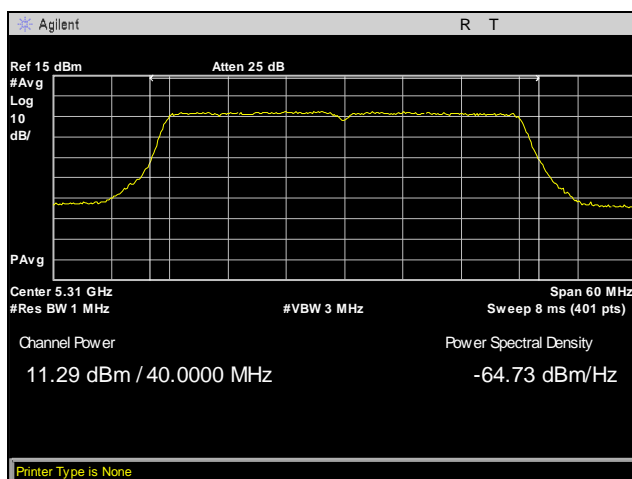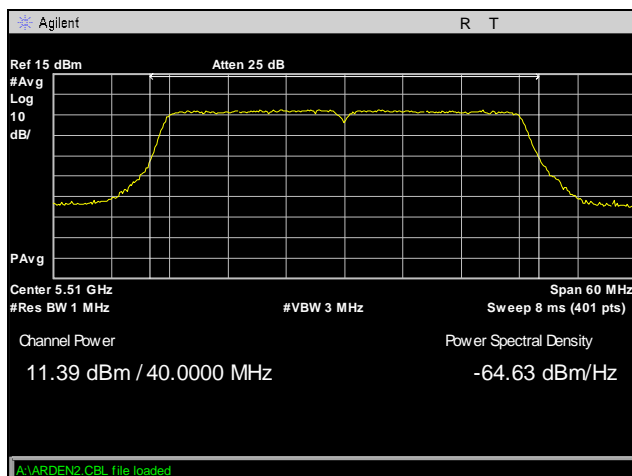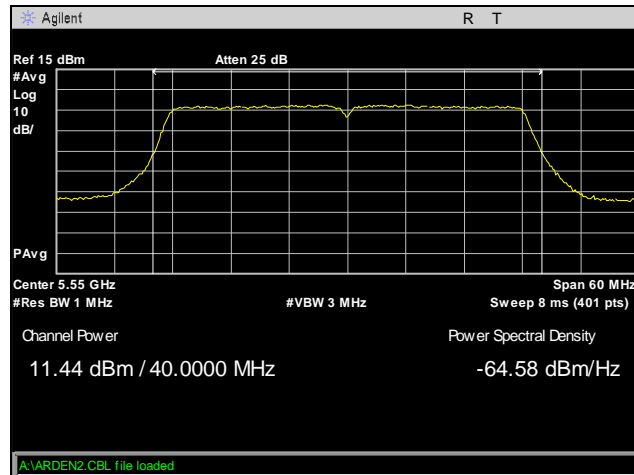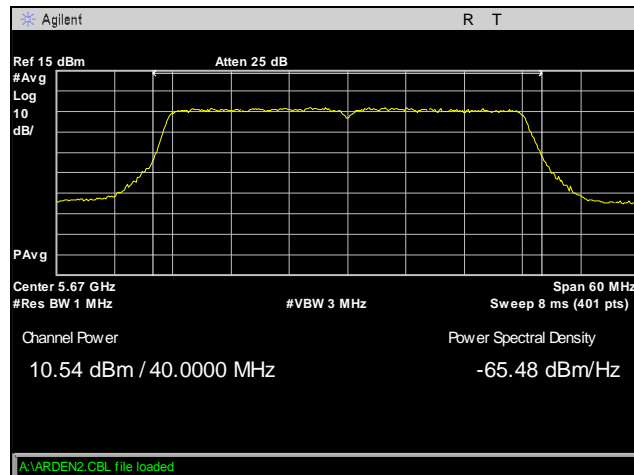**Plot 537. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 8, Radio 1, 8x8**
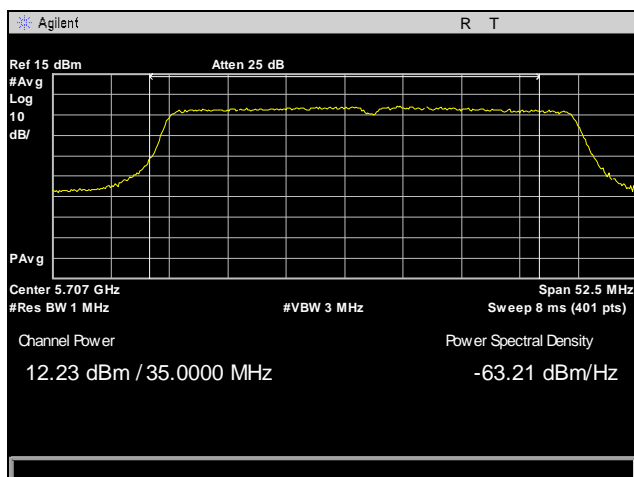
Plot 538. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 8, Radio 1, 8x8

Electromagnetic Compatibility Criteria for Intentional Radiators

§15.407(a)(2)	**Maximum Power Spectral Density**

Test Requirements: **§15.407(a)(2):** In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Procedure: The EUT was connected to a spectrum analyzer through a cable and attenuator. Measurements were taken with the EUT set to transmit continuously on its low, mid, and high channels. Its power was measured according KDB 789033 D02 General UNII Test Procedures v01.

Test Results: The EUT as tested is compliant with the requirements of this section.

Test Engineer(s): Jun Qi

Test Date(s): 11/04/16

EUT — Attenuator — Spectrum Analyzer

Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Sum of 8 Ports	Limit	Duty Cycle Factror	Antenna Gain	Final limit	Margin dB
UNII 2A PSD												
4x8 AC												
Ch 5250M	BW 160M(UNII 2A)	ac mode	1.602	1.046	1.137	1.093	7.25	11	0.2	6.1	10.7	-3.45
Ch 5250M	BW 160M(UNII 1)	ac mode	0.895	1.218	0.776	0.054	6.78	17	0.2	6.1	16.7	-9.92
Ch 5290M	BW 80M	ac mode	1.775	0.927	0.955	-0.51	6.89	11	0.2	6.1	10.7	-3.81
Ch 5270M	BW 40M	ac mode	3.226	3.001	3.011	2.257	8.91	11	0.2	6.1	10.7	-1.79
Ch 5310M	BW 40M	ac mode	3.662	3.374	3.708	2.169	9.3	11	0.2	6.1	10.7	-1.4
Ch 5260M	BW 20M	ac mode	4.729	3.715	3.505	3.328	9.88	11	0.2	6.1	10.7	-0.82
Ch 5300M	BW 20M	ac mode	4.533	4.244	4.341	3.148	10.12	11	0.2	6.1	10.7	-0.58
Ch 5320M	BW 20M	ac mode	4.861	4.236	4.979	3.26	10.41	11	0.2	6.1	10.7	-0.29
4x8 N												
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Sum of 8 Ports	Limit	Duty Cycle Factror	Antenna Gain	Final limit	Margin dB
Ch 5270M	BW 40M	n mode	3.77	3.118	3.358	2.555	9.25	11	0.2	6.1	10.7	-1.45
Ch 5310M	BW 40M	n mode	3.718	3.987	4.137	2.925	9.74	11	0.2	6.1	10.7	-0.96
Ch 5260M	BW 20M	n mode	4.982	4.987	4.596	3.444	10.57	11	0.2	6.1	10.7	-0.13
Ch 5300M	BW 20M	n mode	5.019	4.504	5.118	3.246	10.56	11	0.2	6.1	10.7	-0.14
Ch 5320M	BW 20M	n mode	4.553	4.89	5.148	3.483	10.59	11	0.2	6.1	10.7	-0.11
4x8 a												
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Sum of 8 Ports	Limit	Duty Cycle Factror	Antenna Gain	Final limit	Margin dB
Ch 5260M	BW 20M	a mode	5.119	4.363	3.68	2.928	10.12	11	0.2	6.1	10.7	-0.58
Ch 5300M	BW 20M	a mode	5.086	4.348	4.698	3.05	10.39	11	0.2	6.1	10.7	-0.31
Ch 5320M	BW 20M	a mode	4.938	4.874	4.592	3.562	10.55	11	0.2	6.1	10.7	-0.15

Table 13. Power Spectral Density, Test Results, Lower Bands, 4x8

UNII 2A PSD																
8x8 AC																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle	Antenna Gain	Final limit	Margin dB
Ch 5250M	BW 160M (UNII 2A Part)	ac mode	-3.349	-3.13	-2.945	-4.197	-3.103	-4.638	-3.726	-3.531	5.49	11	0.2	8.5	8.3	-2.81
Ch 5250M	BW 160M (UNII 1 Part)	ac mode	-4.011	-3.003	-3.482	-4.172	-3.234	-4.596	-3.687	-3.592	5.34	17	0.2	8.5	14.3	-8.96
Ch 5290M	BW 80M	ac mode	-3.473	-3.678	-3.995	-4.735	-3.848	-2.078	-4.057	-4.02	5.36	11	0.2	8.5	8.3	-2.94
Ch 5270M	BW 40M	ac mode	-2.016	-1.977	-2.887	-3.179	-1.645	-2.416	-4.725	-2.305	6.48	11	0.2	8.5	8.3	-1.82
Ch 5310M	BW 40M	ac mode	-2.772	-1.901	-2.273	-3.77	-0.455	-2.307	-2.116	-1.995	6.93	11	0.2	8.5	8.3	-1.37
Ch 5260M	BW 20M	ac mode	-0.841	-1.019	-1.703	-2.64	-0.797	-1.691	-2.022	-1.345	7.57	11	0.2	8.5	8.3	-0.73
Ch 5300M	BW 20M	ac mode	-0.493	-1.475	-1.209	-2.785	-0.797	-1.546	-1.644	-2.092	7.58	11	0.2	8.5	8.3	-0.72
Ch 5320M	BW 20M	ac mode	-0.68	-1.058	-2.036	-2.774	-0.478	-0.705	-0.968	-1.168	7.86	11	0.2	8.5	8.3	-0.44
8x8 N																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle	Antenna Gain	Final limit	Margin dB
Ch 5270M	BW 40M	n mode	-1.716	-2.357	-2.608	-3.295	-2.02	-3.032	-2.455	-1.868	6.65	11	0.2	8.5	8.3	-1.65
Ch 5310M	BW 40M	n mode	-1.613	-1.898	-2.27	-3.702	-1.414	-2.383	-2.372	-1.274	6.98	11	0.2	8.5	8.3	-1.32
Ch 5260M	BW 20M	n mode	-0.875	-1.513	-1.714	-3.533	-0.545	-0.728	-0.843	-0.303	7.88	11	0.2	8.5	8.3	-0.42
Ch 5300M	BW 20M	n mode	-0.87	-1.363	-1.422	-2.719	-0.933	-1.487	-1.151	-0.325	7.8	11	0.2	8.5	8.3	-0.5
Ch 5320M	BW 20M	n mode	-0.596	-1.411	-1.207	-3.168	-0.492	-0.96	-2.165	-0.419	7.82	11	0.2	8.5	8.3	-0.48
8x8 A																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle	Antenna Gain	Final limit	Margin dB
Ch 5260M	BW 20M	a mode	-0.887	-1.28	-2.086	-3.69	-0.756	-1.106	-1.951	-0.693	7.57	11	0.2	8.5	8.3	-0.73
Ch 5300M	BW 20M	a mode	-0.749	-1.252	-1.557	-2.852	-0.502	-0.968	-0.768	0.077	8.04	11	0.2	8.5	8.3	-0.26
Ch 5320M	BW 20M	a mode	-0.932	-1.097	-1.96	-3.561	-0.757	-1.198	-2.609	-0.756	7.52	11	0.2	8.5	8.3	-0.78

Table 14. Power Spectral Density, Test Results, Lower Bands, 8x8

UNII 2C PSD												
4x8 AC												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 8 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5570M	BW 160M	ac mode	-0.859	-1.411	-0.257	-1.181	5.12	11	0.2	6.1	10.7	-5.58
Ch 5530M	BW 80M	ac mode	1.045	0.641	0.961	0.49	6.82	11	0.2	6.1	10.7	-3.88
Ch 5610M	BW 80M	ac mode	1.364	0.48	1.851	0.761	7.17	11	0.2	6.1	10.7	-3.53
Ch 5690M	BW 80M(UNII 2C)	ac mode	1.371	0.608	1.348	0.713	7.05	11	0.2	6.1	10.7	-3.65
Ch 5510M	BW 40M	ac mode	3.783	3.195	4.397	3.608	9.79	11	0.2	6.1	10.7	-0.91
Ch 5550M	BW 40M	ac mode	3.247	3.188	3.497	3.102	9.29	11	0.2	6.1	10.7	-1.41
Ch 5670M	BW 40M	ac mode	3.232	2.572	4.274	3.259	9.4	11	0.2	6.1	10.7	-1.3
Ch 5710M	BW 40M(UNII 2C)	ac mode	4.065	4.36	2.839	2.414	9.52	11	0.2	6.1	10.7	-1.18
Ch 5500M	BW 20M	ac mode	4.485	3.528	4.566	3.417	10.06	11	0.2	6.1	10.7	-0.64
Ch 5580M	BW 20M	ac mode	4.517	4.426	4.693	3.861	10.41	11	0.2	6.1	10.7	-0.29
Ch 5680M	BW 20M	ac mode	4.508	4.497	4.926	2.996	10.32	11	0.2	6.1	10.7	-0.38
Ch 5700M	BW 20M	ac mode	4.842	4.359	3.407	2.155	9.83	11	0.2	6.1	10.7	-0.87
Ch 5720M	BW 20M(UNII 2C)	ac mode	4.976	4.968	3.871	2.331	10.19	11	0.2	6.1	10.7	-0.51
4x8 N												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 8 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5510M	BW 40M	n mode	2.775	2.385	4.403	3.958	9.48	11	0.2	6.1	10.7	-1.22
Ch 5550M	BW 40M	n mode	3.523	2.441	4.594	4.147	9.77	11	0.2	6.1	10.7	-0.93
Ch 5670M	BW 40M	n mode	2.783	1.747	3.679	3.586	9.04	11	0.2	6.1	10.7	-1.66
Ch 5710M	BW 40M(UNII 2C)	n mode	3.216	3.928	3.032	2.086	9.14	11	0.2	6.1	10.7	-1.56
Ch 5500M	BW 20M	n mode	4.411	4.114	5.522	3.888	10.56	11	0.2	6.1	10.7	-0.14
Ch 5580M	BW 20M	n mode	4.525	4.318	5.304	4.098	10.61	11	0.2	6.1	10.7	-0.09
Ch 5680M	BW 20M	n mode	4.463	3.963	4.671	3.838	10.27	11	0.2	6.1	10.7	-0.43
Ch 5700M	BW 20M	n mode	4.552	4.821	3.436	2.794	10	11	0.2	6.1	10.7	-0.7
Ch 5720M	BW 20M(UNII 2C)	n mode	4.082	4.182	3.998	2.244	9.72	11	0.2	6.1	10.7	-0.98
4x8 a												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 8 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5500M	BW 20M	a mode	3.815	3.913	4.876	3.959	10.19	11	0.2	6.1	10.7	-0.51
Ch 5580M	BW 20M	a mode	4.604	3.547	5.215	4.162	10.45	11	0.2	6.1	10.7	-0.25
Ch 5680M	BW 20M	a mode	4.313	3.493	4.745	3.625	10.1	11	0.2	6.1	10.7	-0.6
Ch 5700M	BW 20M	a mode	4.761	4.014	4.081	3.294	10.09	11	0.2	6.1	10.7	-0.61
Ch 5720M	BW 20M(UNII 2C)	a mode	4.222	4.505	3.567	3.123	9.91	11	0.2	6.1	10.7	-0.79

Table 15. Power Spectral Density, Test Results, Upper Bands, 4x8

UNII 2C POWER																
8x8 AC																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle	Antenna Gain	Final limit	Margin dB
Ch 5570M	BW 160M	ac mode	-5.199	-5.811	-5.457	-6.015	-5.359	-7.695	-5.424	-6.184	3.2	11	0.2	8.5	8.3	-5.1
Ch 5530M	BW 80M	ac mode	-4.767	-4.164	-4.469	-5.336	-3.47	-4.724	-3.284	-4.997	4.69	11	0.2	8.5	8.3	-3.61
Ch 5610M	BW 80M	ac mode	-4.833	-4.864	-5.003	-5.347	-3.801	-4.522	-3.28	-4.014	4.63	11	0.2	8.5	8.3	-3.67
Ch 5690M	BW 80M (UNII 2C)	ac mode	-3.946	-4.778	-4.354	-5.916	-2.316	-4.537	-3.306	-4.581	4.94	11	0.2	8.5	8.3	-3.36
Ch 5510M	BW 40M	ac mode	-1.591	-2.267	-1.387	-2.343	-0.199	-2.729	-0.918	-2.66	7.36	11	0.2	8.5	8.3	-0.94
Ch 5550M	BW 40M	ac mode	-2.14	-2.454	-2.202	-2.616	-0.965	-2.796	-2.63	-3.637	6.66	11	0.2	8.5	8.3	-1.64
Ch 5670M	BW 40M	ac mode	-3.448	-3.015	-3.156	-3.54	-0.951	-2.695	-2.151	-2.959	6.37	11	0.2	8.5	8.3	-1.93
Ch 5710M	BW 40M (UNII 2C)	ac mode	-1.038	-0.821	-2.586	-2.899	-1.958	-0.661	-0.535	-1.21	7.65	11	0.2	8.5	8.3	-0.65
Ch 5500M	BW 20M	ac mode	-1.021	-1.325	-2.128	-2.438	0.712	-1.549	-2.513	-0.821	7.77	11	0.2	8.5	8.3	-0.53
Ch 5580M	BW 20M	ac mode	-0.549	-1.234	-1.361	-1.825	0.113	-2.071	-0.808	-0.982	8	11	0.2	8.5	8.3	-0.3
Ch 5680M	BW 20M	ac mode	-0.531	-0.918	-1.002	-2.118	0.349	-1.463	-0.388	-0.849	8.22	11	0.2	8.5	8.3	-0.08
Ch 5700M	BW 20M	ac mode	-0.718	-0.426	-2.68	-4.283	-1.297	-0.539	-0.481	-0.709	7.81	11	0.2	8.5	8.3	-0.49
Ch 5720M	BW 20M (UNII 2C)	ac mode	-0.56	-0.272	-2.61	-3.145	-0.951	-0.16	-0.073	-0.793	8.09	11	0.2	8.5	8.3	-0.21
8x8 N																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle	Antenna Gain	Final limit	Margin dB
Ch 5510M	BW 40M	n mode	-1.474	-1.4	-1.427	-1.943	-1.146	-2.639	-0.507	-1.512	7.57	11	0.2	8.5	8.3	-0.73
Ch 5550M	BW 40M	n mode	-1.508	-1.906	-1.562	-2.547	-1.176	-2.488	-1	-2.029	7.29	11	0.2	8.5	8.3	-1.01
Ch 5670M	BW 40M	n mode	-1.147	-1.549	-0.733	-0.723	-0.587	-2.903	-1.034	-2.531	7.71	11	0.2	8.5	8.3	-0.59
Ch 5710M	BW 40M (UNII 2C)	n mode	-1.018	-0.497	-3.077	-3.513	-1.744	-0.792	-1.124	-0.946	7.56	11	0.2	8.5	8.3	-0.74
Ch 5500M	BW 20M	n mode	-1.043	-1.882	-2.203	-1.537	-0.483	-1.654	-0.226	-1.09	7.82	11	0.2	8.5	8.3	-0.48
Ch 5580M	BW 20M	n mode	-0.835	-1.454	-0.133	-1.023	-0.555	-1.757	-0.482	-1.29	8.12	11	0.2	8.5	8.3	-0.18
Ch 5680M	BW 20M	n mode	-1.411	-1.557	-1.782	-3.087	-0.088	-1.164	-0.14	-1.241	7.82	11	0.2	8.5	8.3	-0.48
Ch 5700M	BW 20M	n mode	-1.175	-1.566	-3.196	-3.057	-2.06	-1.258	-0.504	-0.9	7.41	11	0.2	8.5	8.3	-0.89
Ch 5720M	BW 20M (UNII 2C)	n mode	-0.951	-0.094	-2.167	-4.106	-0.647	0.064	0.03	-0.565	8.16	11	0.2	8.5	8.3	-0.14
8x8 A																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle	Antenna Gain	Final limit	Margin dB
Ch 5500M	BW 20M	a mode	-0.79	-1.031	0.263	-0.765	-0.801	-1.992	-0.475	-0.928	8.26	11	0.2	8.5	8.3	-0.04
Ch 5580M	BW 20M	a mode	-0.902	-0.759	-0.98	-1.276	-0.897	-1.382	-0.607	-1.286	8.03	11	0.2	8.5	8.3	-0.27
Ch 5680M	BW 20M	a mode	-0.999	-1.49	-1.392	-1.957	-1.019	-1.993	-0.987	-1.103	7.69	11	0.2	8.5	8.3	-0.61
Ch 5700M	BW 20M	a mode	-0.906	-0.364	-1.698	-2.425	-2.714	-1.788	-1.191	-1.165	7.57	11	0.2	8.5	8.3	-0.73
Ch 5720M	BW 20M (UNII 2C)	a mode	-0.407	-0.332	-1.723	-2.283	-1.132	-0.534	-1.321	-0.357	8.08	11	0.2	8.5	8.3	-0.22

Table 16. Power Spectral Density, Test Results, Upper Bands, 8x8

Power Spectral Density, 802.11a, Port 1, Radio 0, 4x8
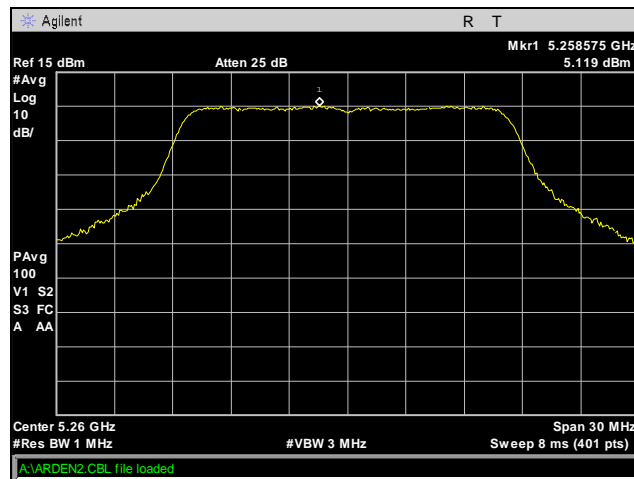
Plot 539. Power Spectral Density, 802.11a, 5260 MHz, Port 1, Radio 0, 4x8
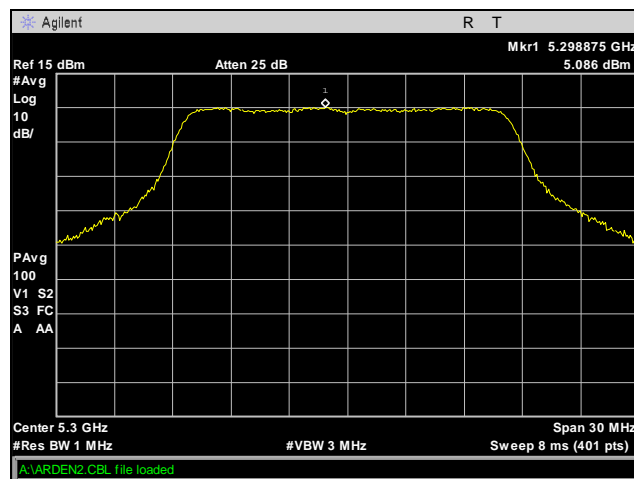
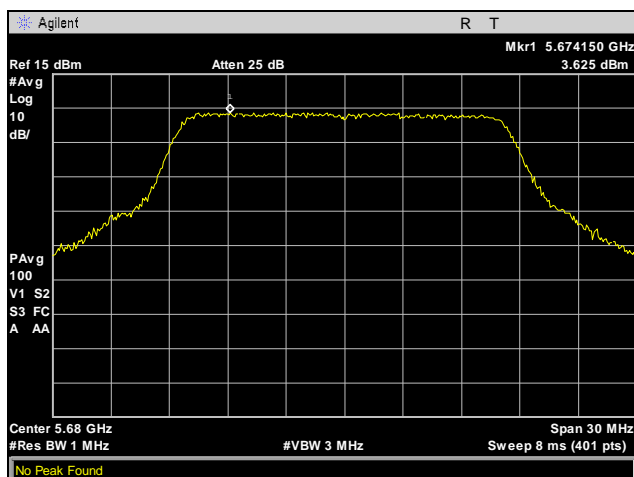**Plot 540. Power Spectral Density, 802.11a, 5300 MHz, Port 1, Radio 0, 4x8**
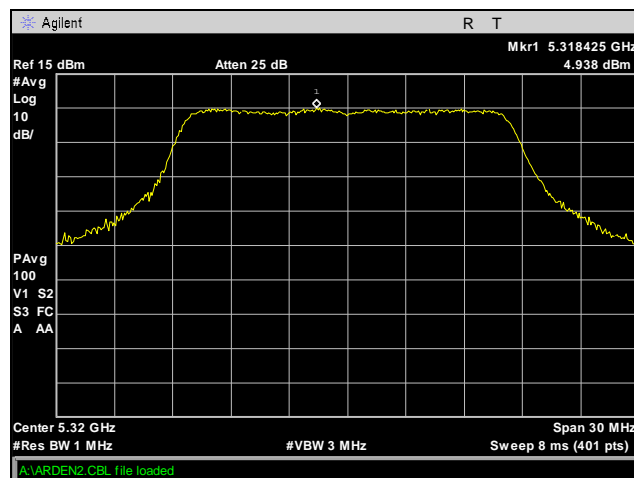
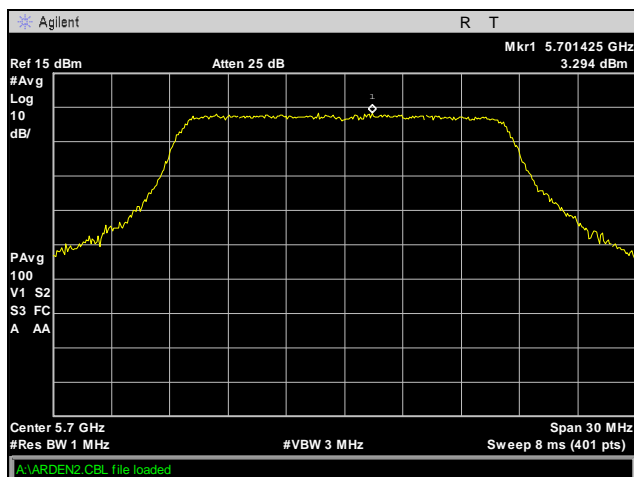**Plot 541. Power Spectral Density, 802.11a, 5320 MHz, Port 1, Radio 0, 4x8**
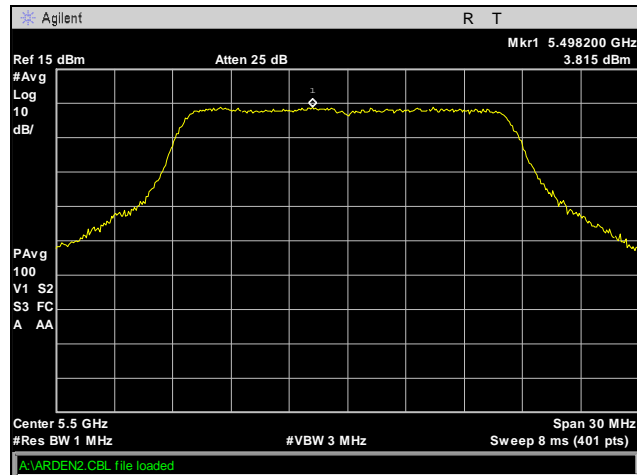
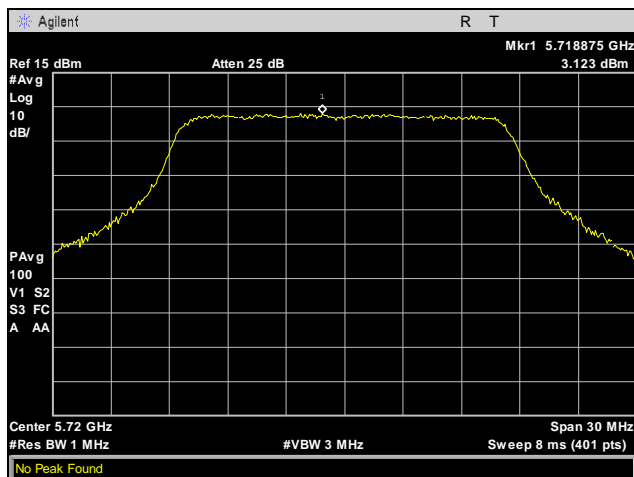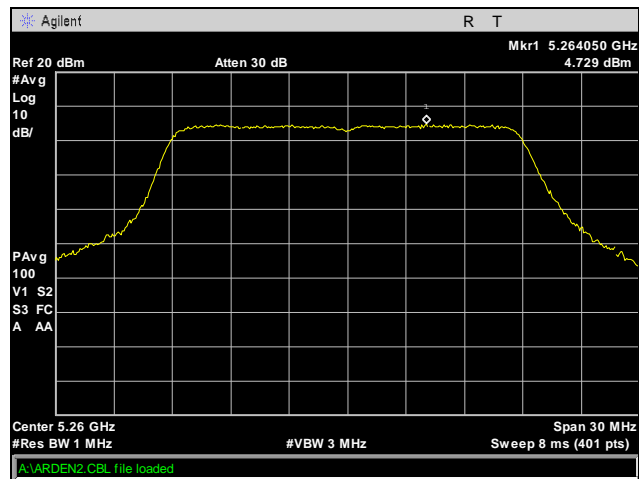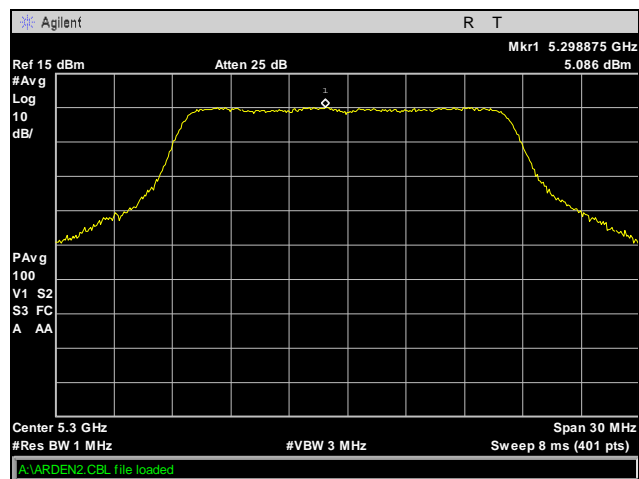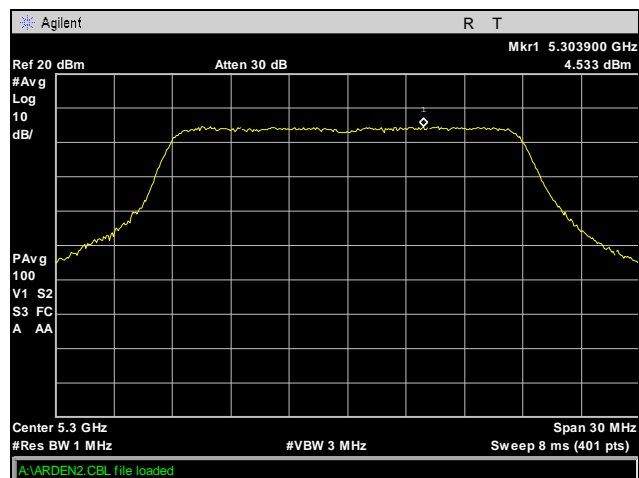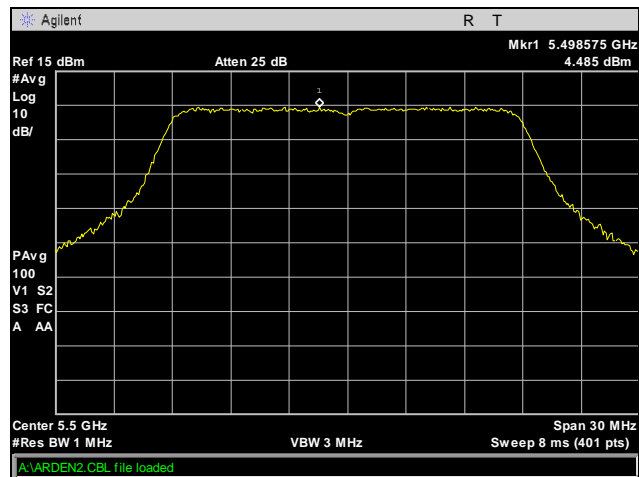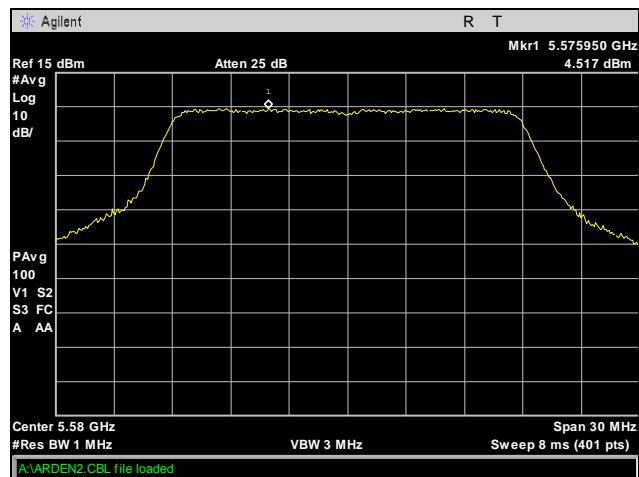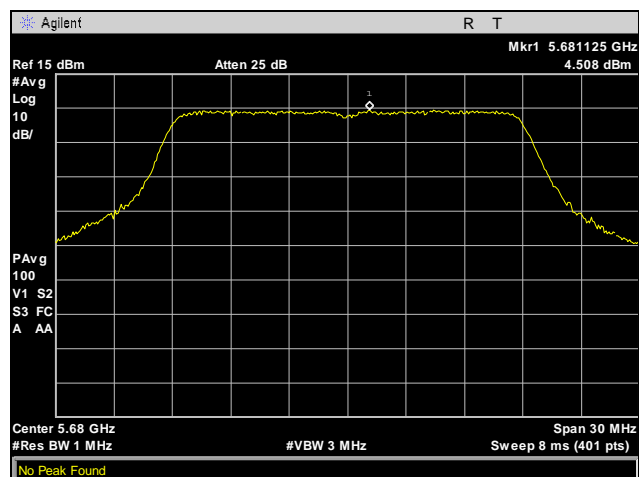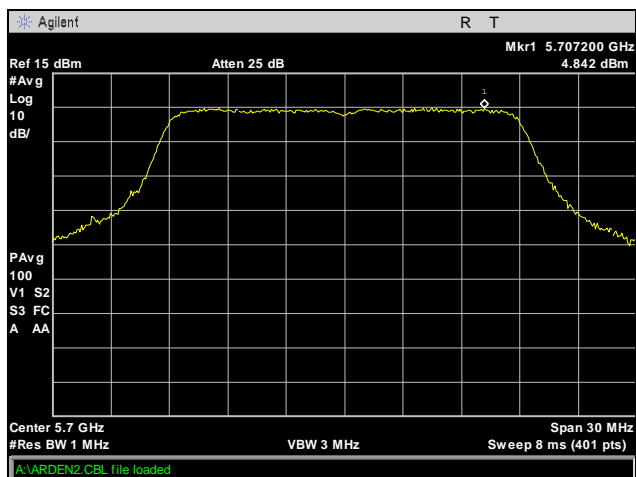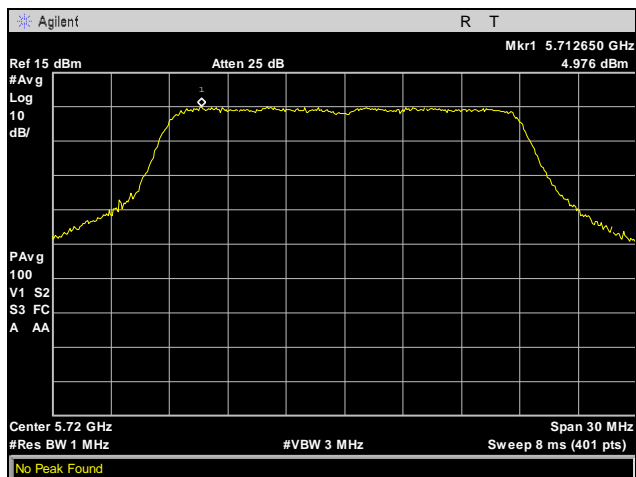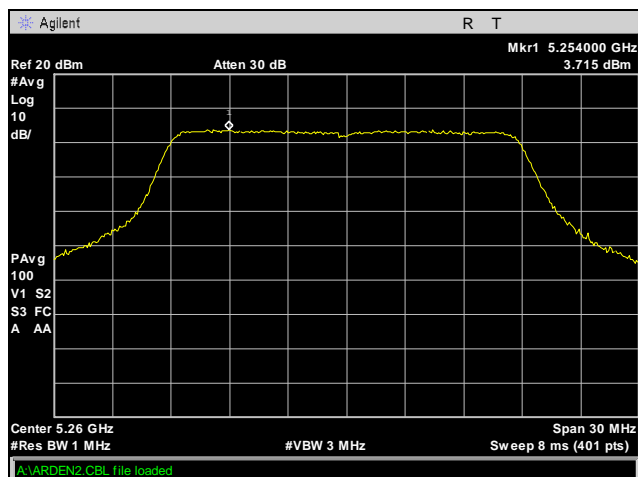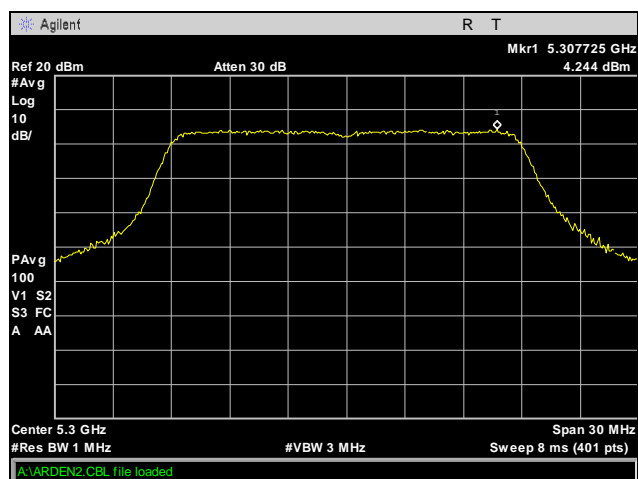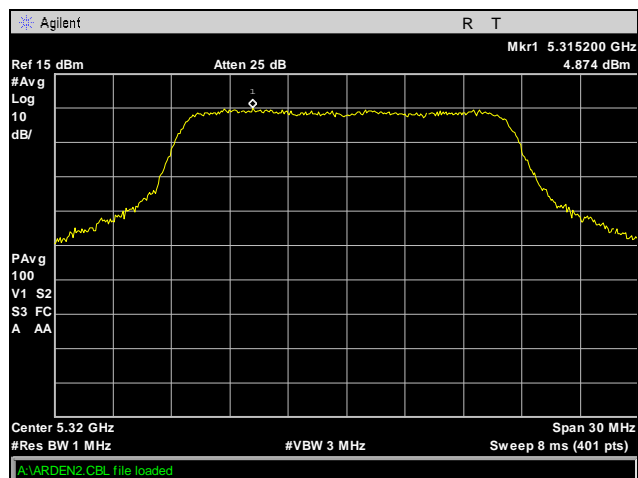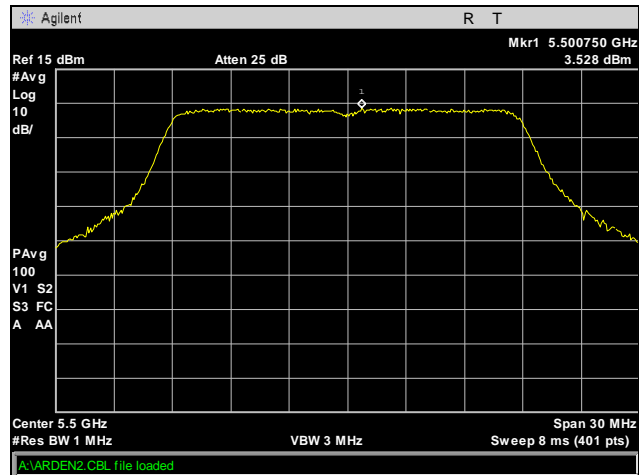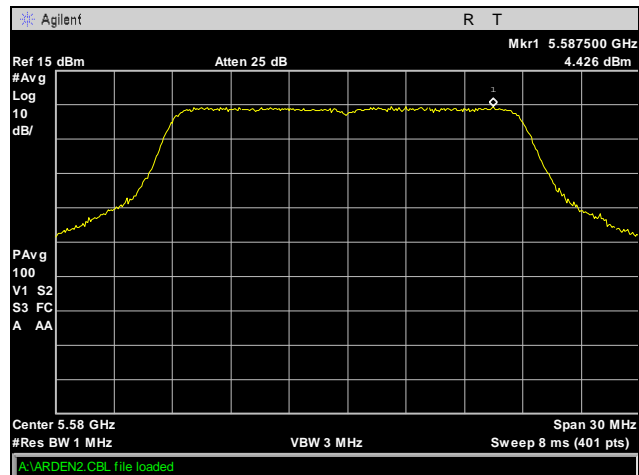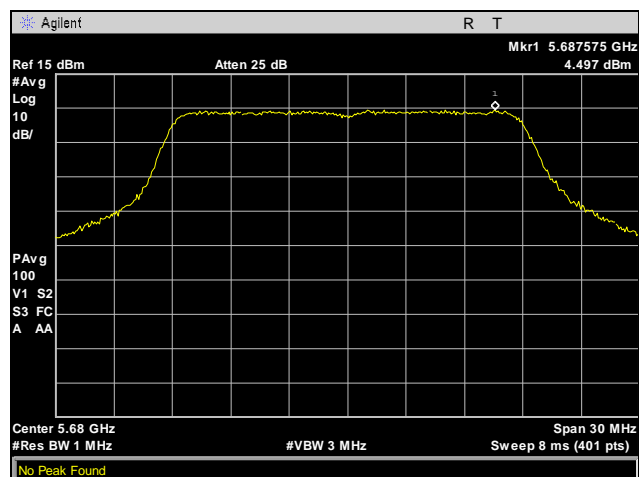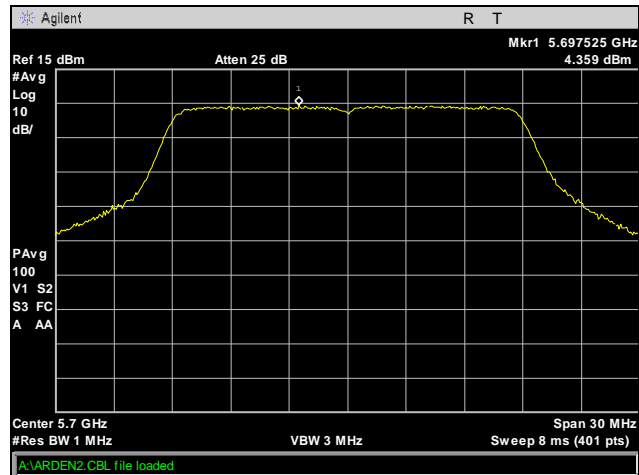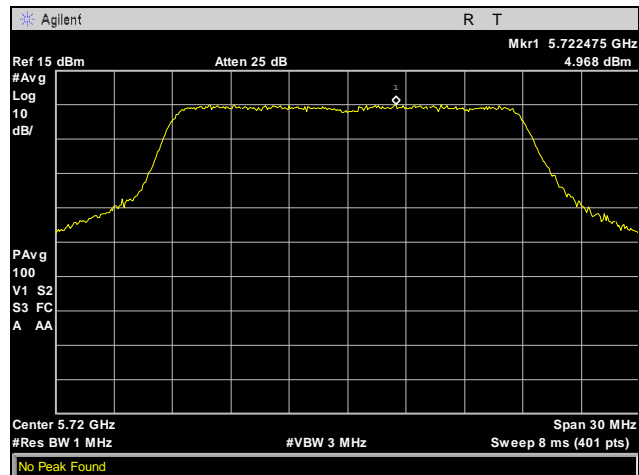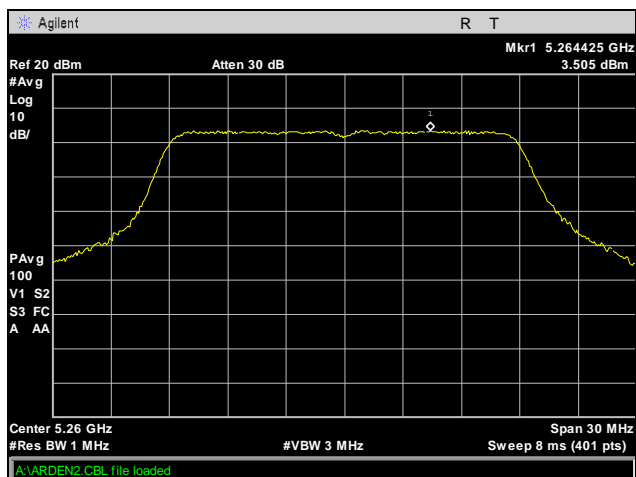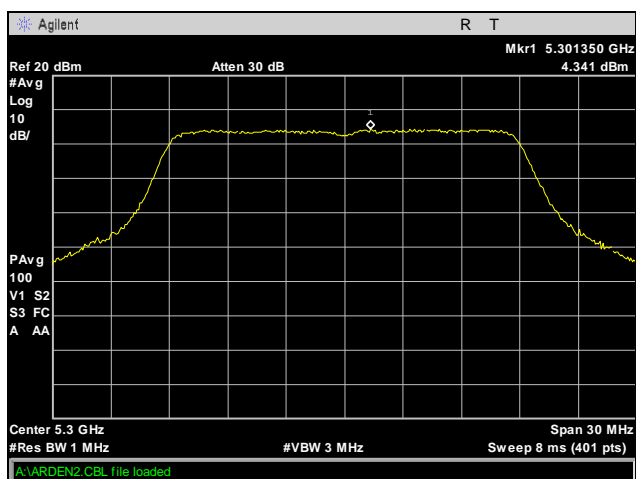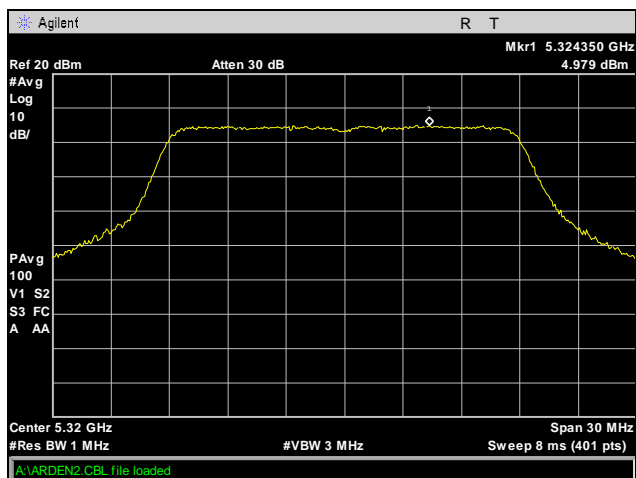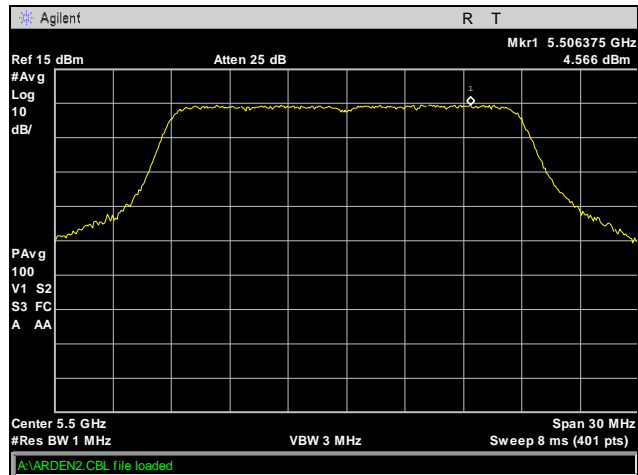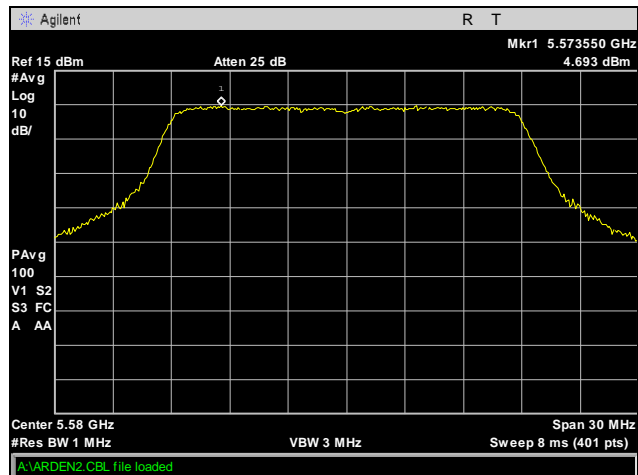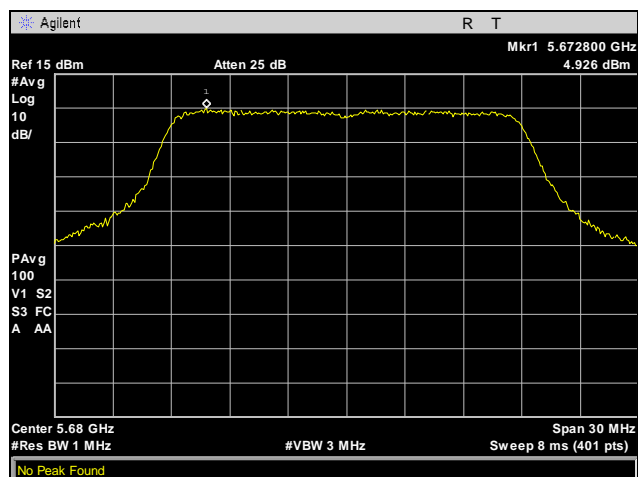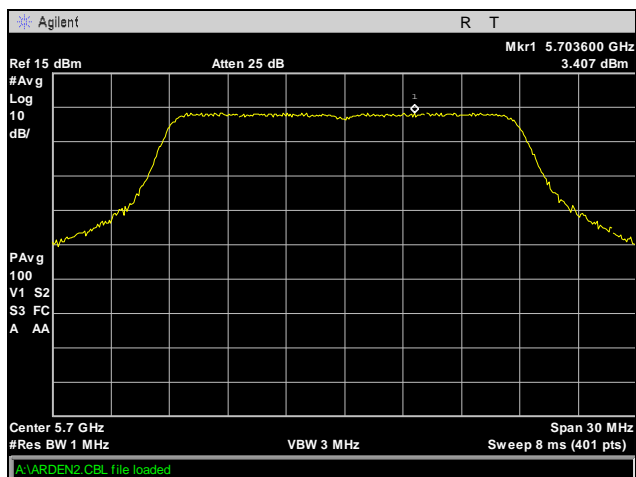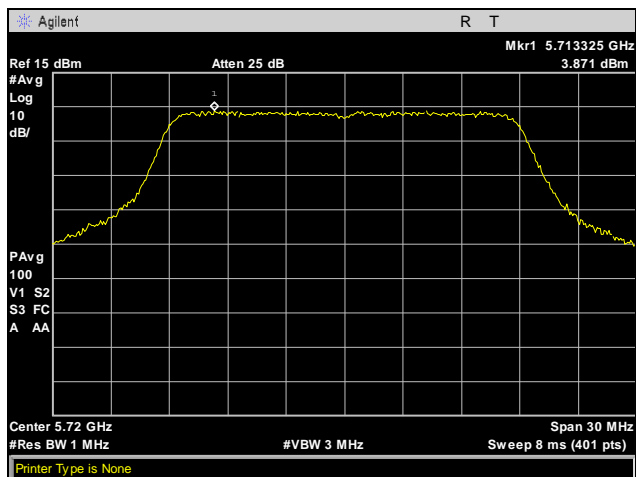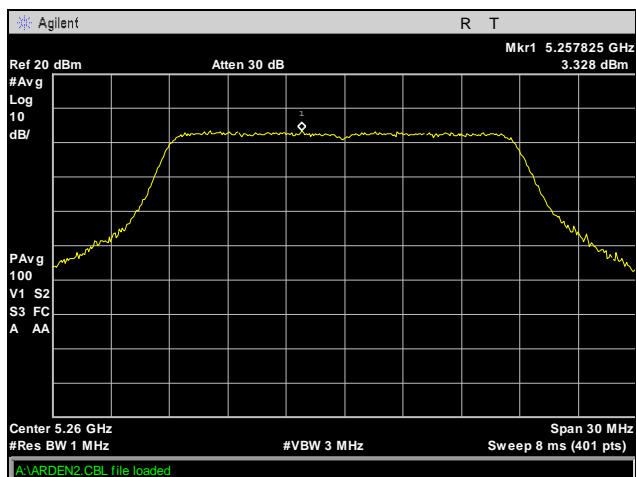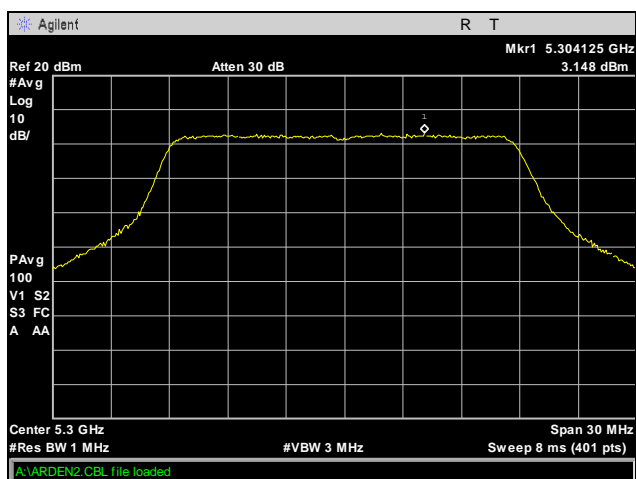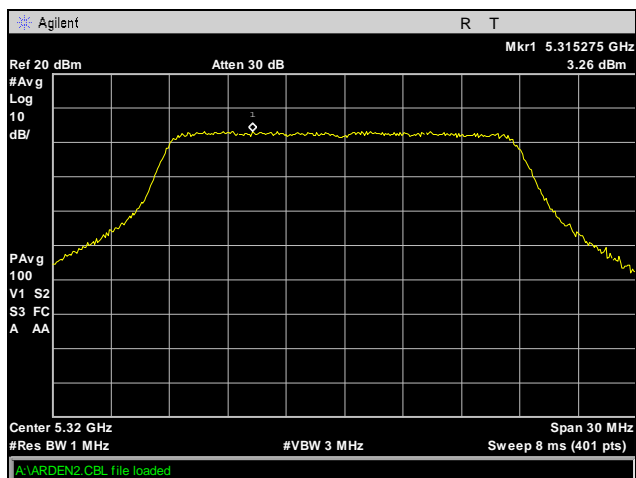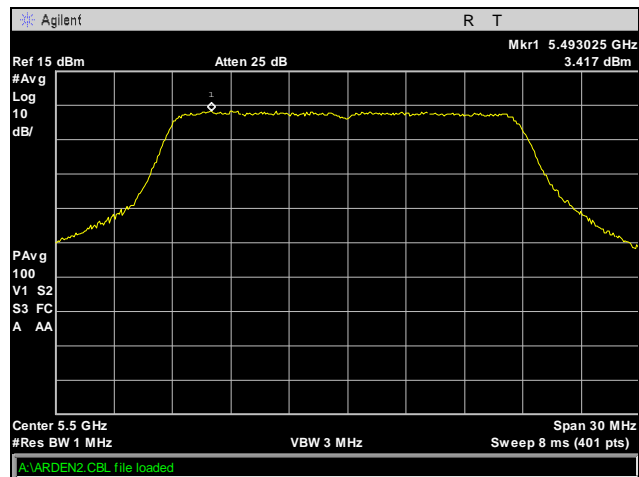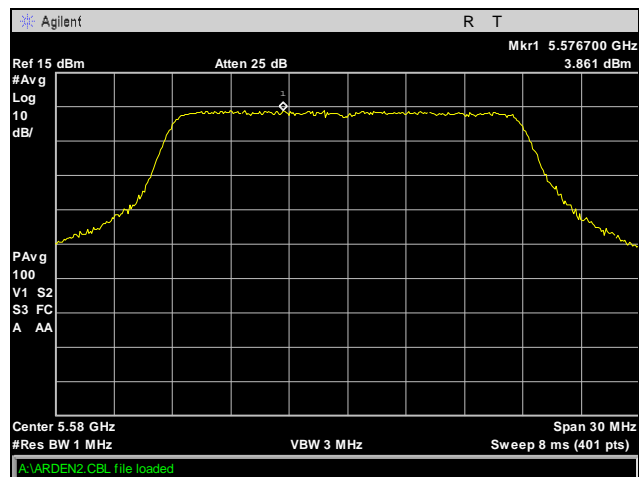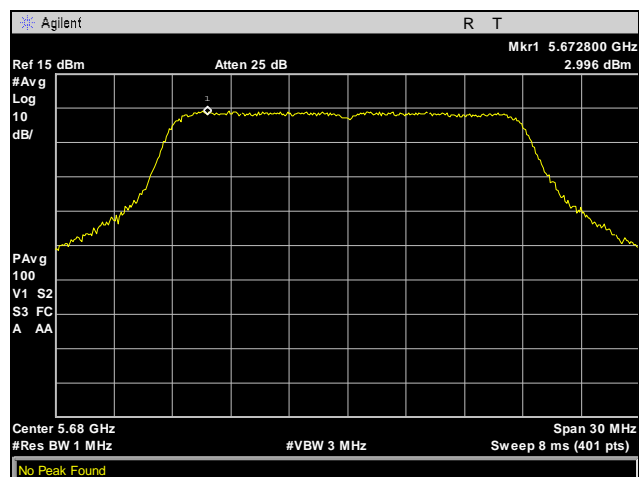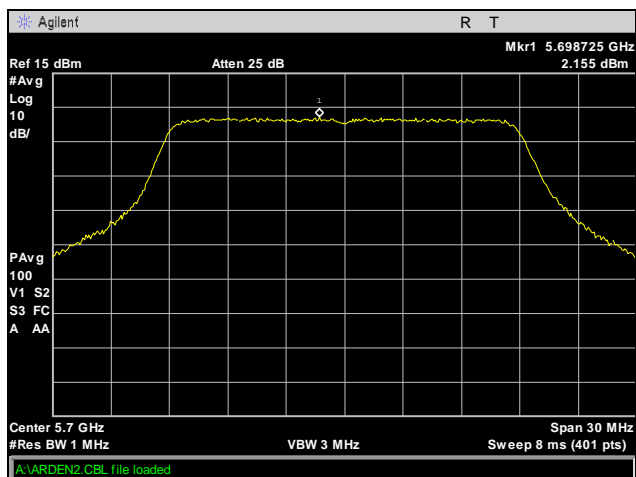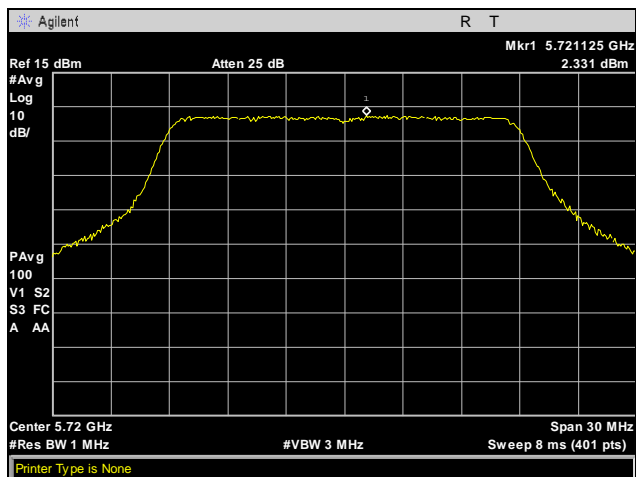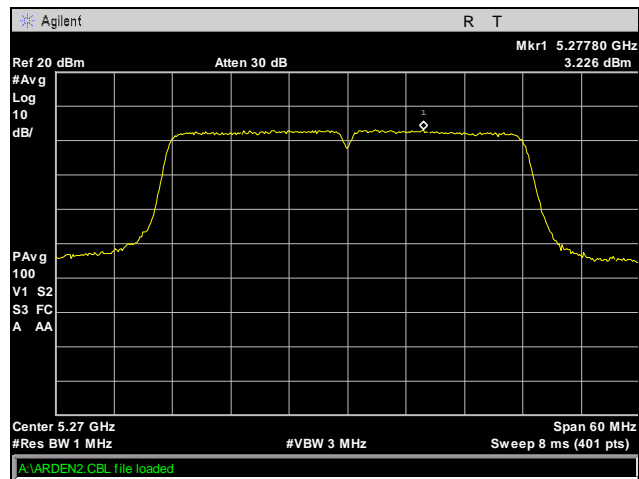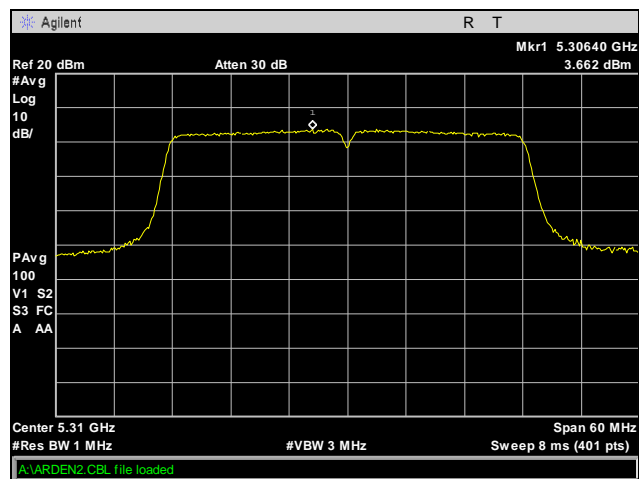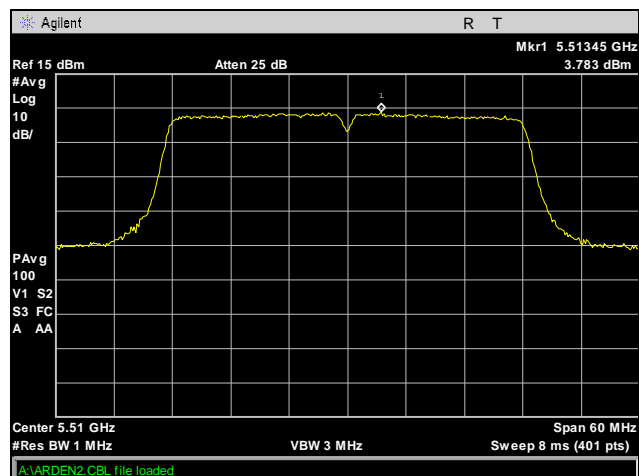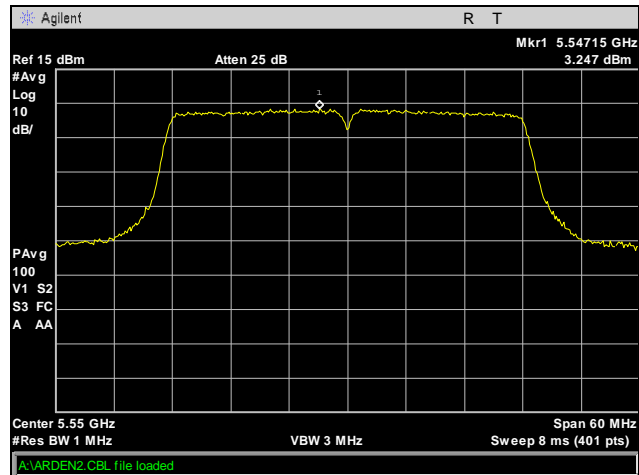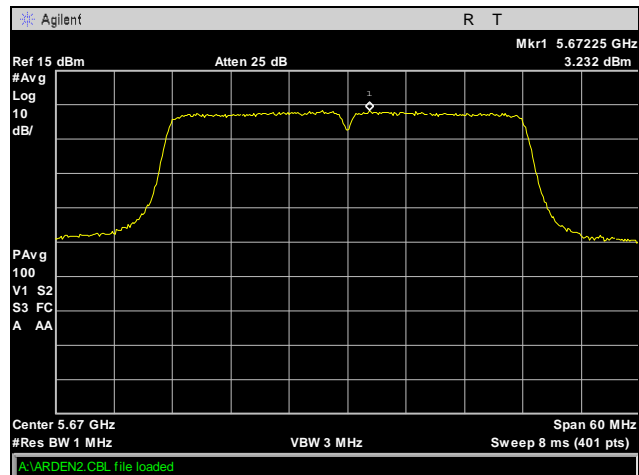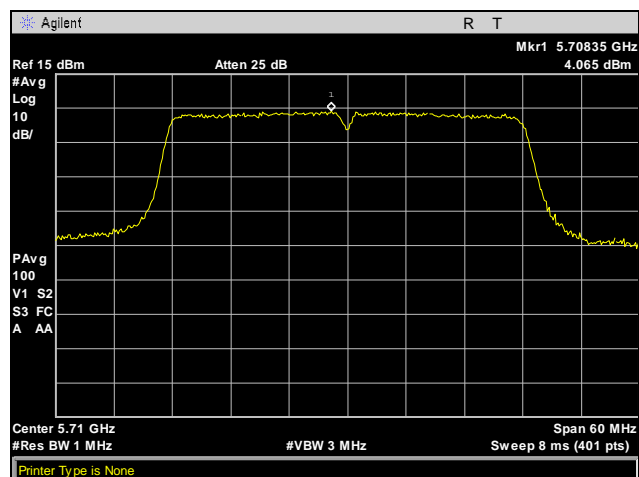**Plot 542. Power Spectral Density, 802.11a, 5500 MHz, Port 1, Radio 0, 4x8**
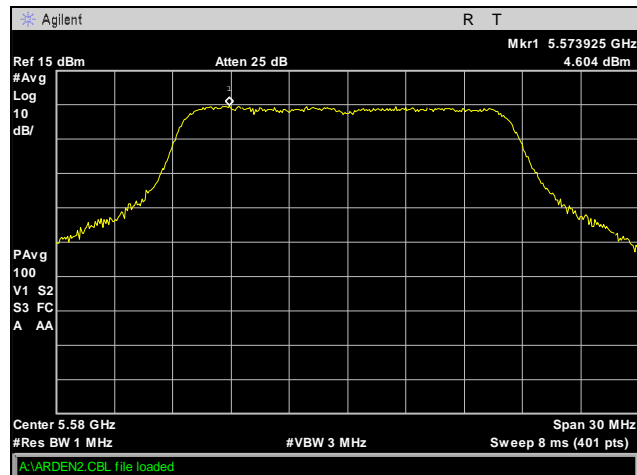
Plot 543. Power Spectral Density, 802.11a, 5580 MHz, Port 1, Radio 0, 4x8
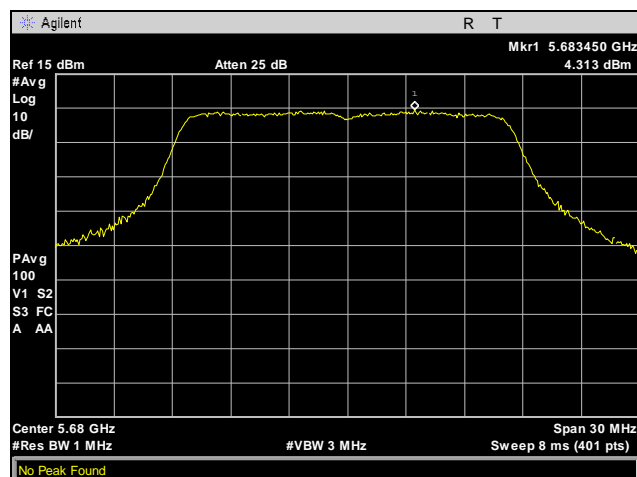
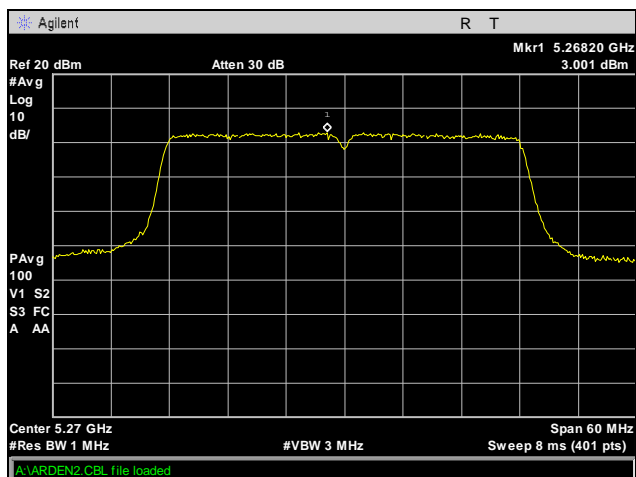**Plot 544. Power Spectral Density, 802.11a, 5680 MHz, Port 1, Radio 0, 4x8**
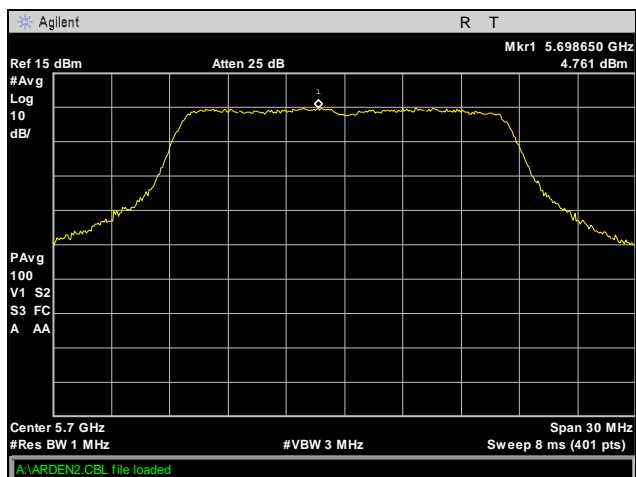
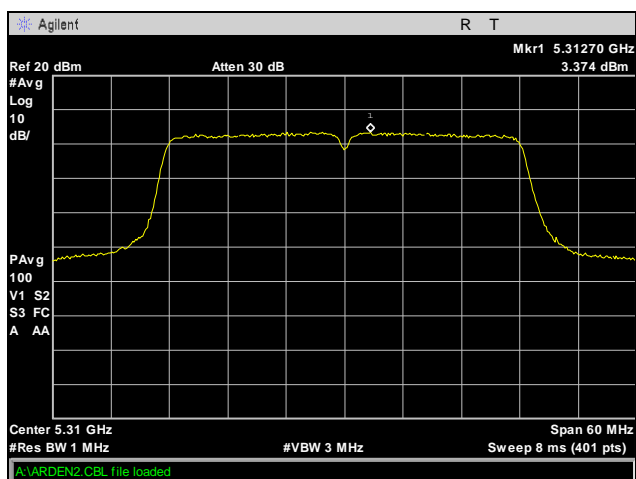**Plot 545. Power Spectral Density, 802.11a, 5700 MHz, Port 1, Radio 0, 4x8**
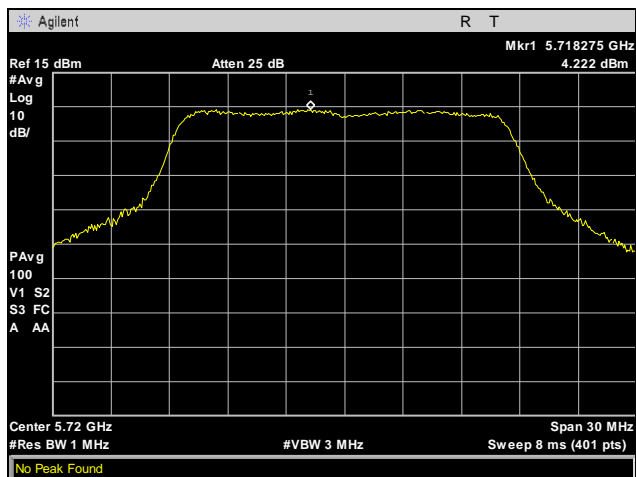
Plot 546. Power Spectral Density, 802.11a, 5720 MHz, Port 1, Radio 0, 4x8

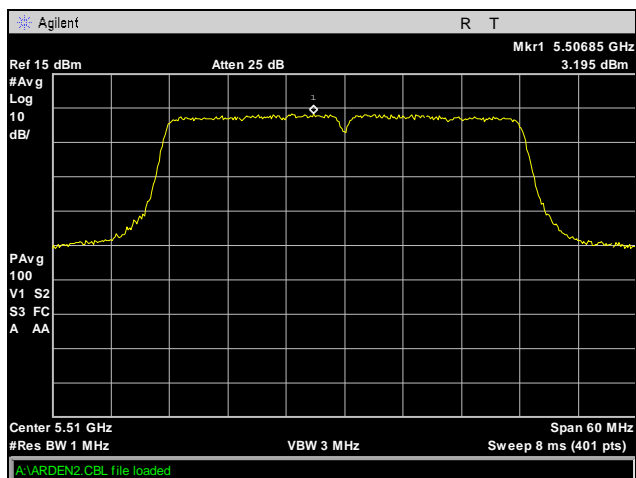## Power Spectral Density, 802.11a, Port 2, Radio 0, 4x8
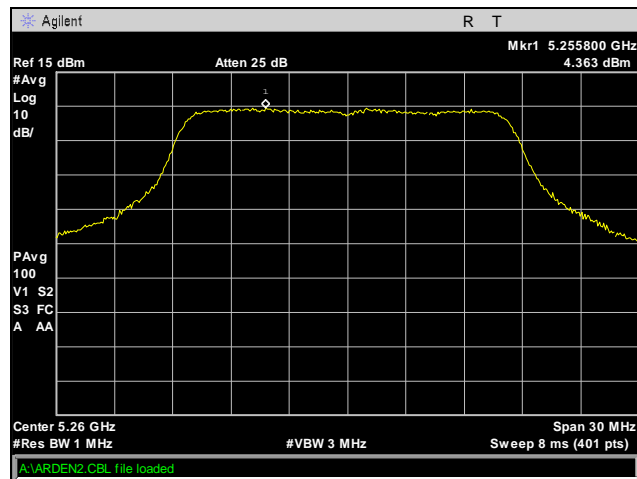
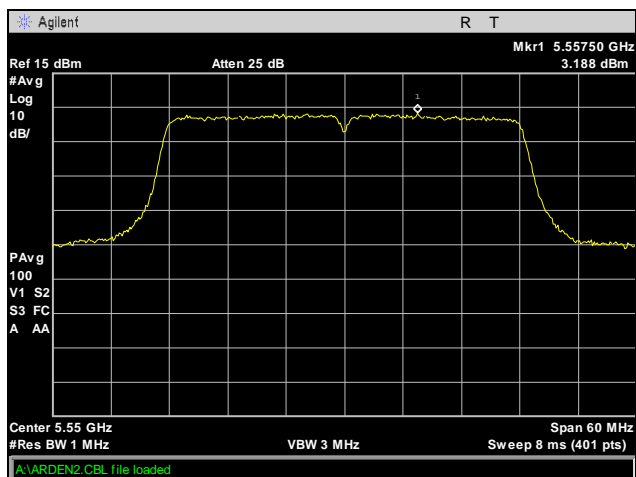**Plot 547. Power Spectral Density, 802.11a, 5260 MHz, Port 2, Radio 0, 4x8**
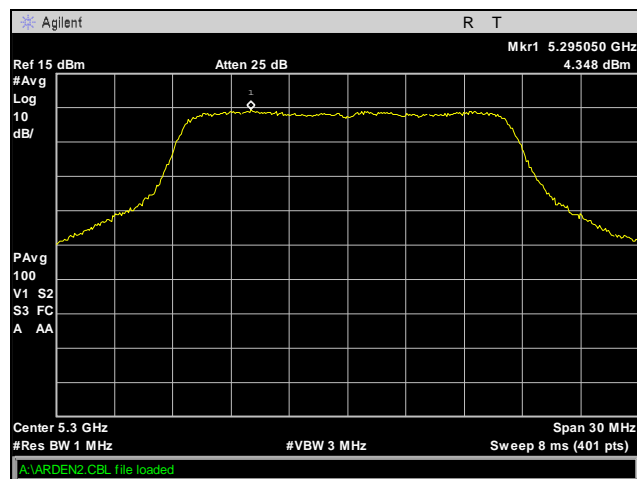
Plot 548. Power Spectral Density, 802.11a, 5300 MHz, Port 2, Radio 0, 4x8
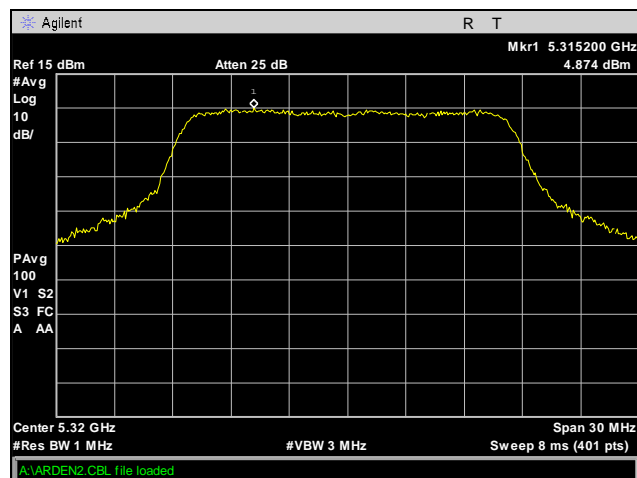
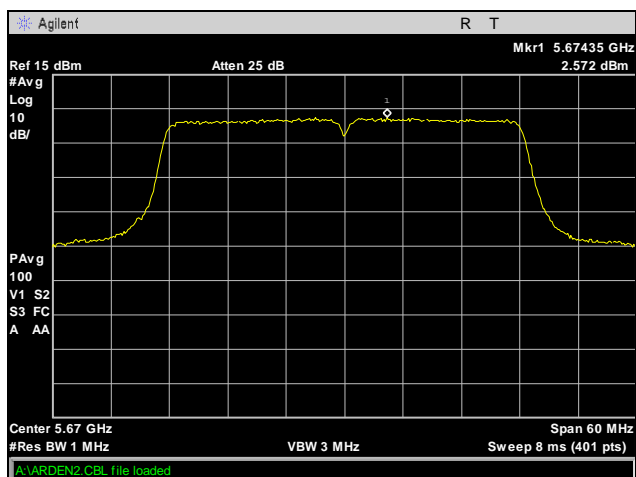**Plot 549. Power Spectral Density, 802.11a, 5320 MHz, Port 2, Radio 0, 4x8**

MET®
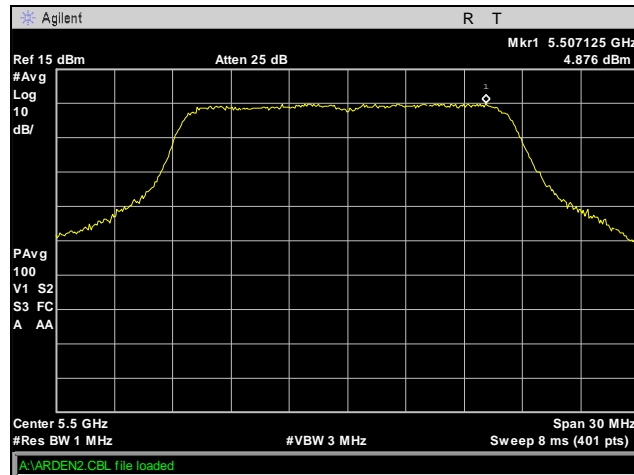
Plot 550. Power Spectral Density, 802.11a, 5500 MHz, Port 2, Radio 0, 4x8
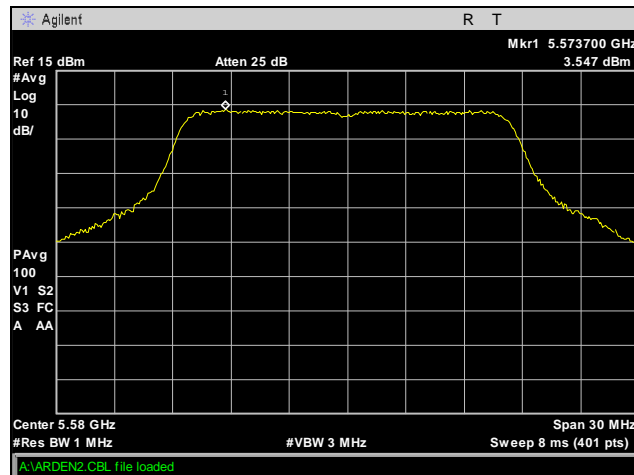
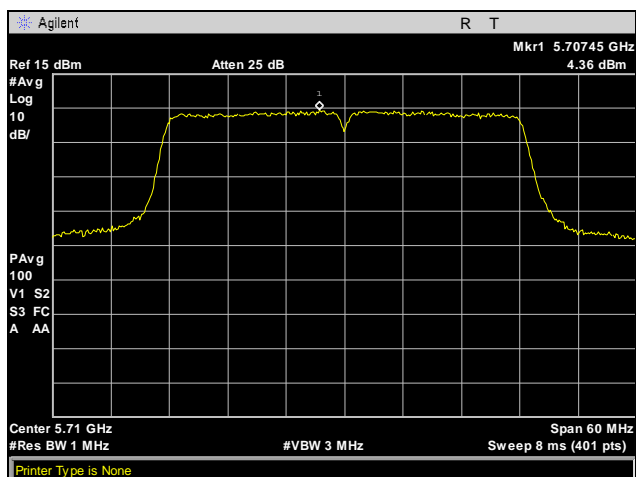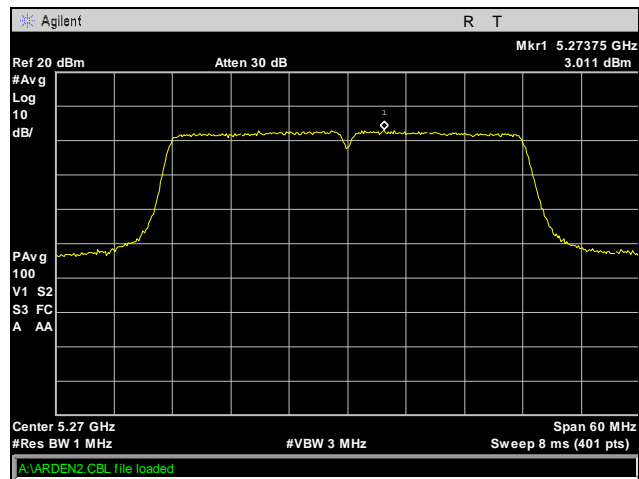**Plot 551. Power Spectral Density, 802.11a, 5580 MHz, Port 2, Radio 0, 4x8**
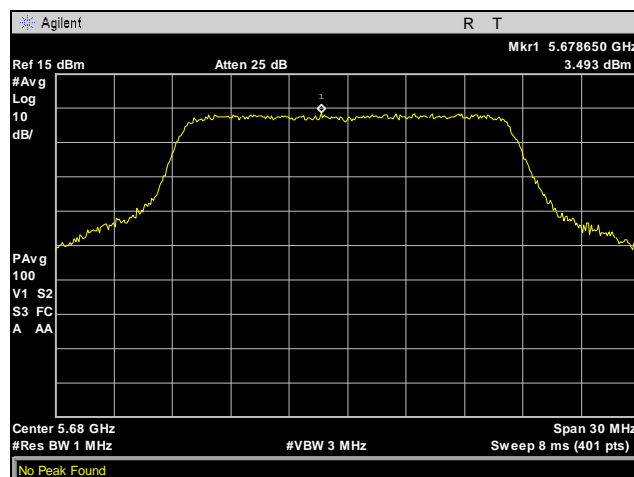
Plot 552. Power Spectral Density, 802.11a, 5680 MHz, Port 2, Radio 0, 4x8
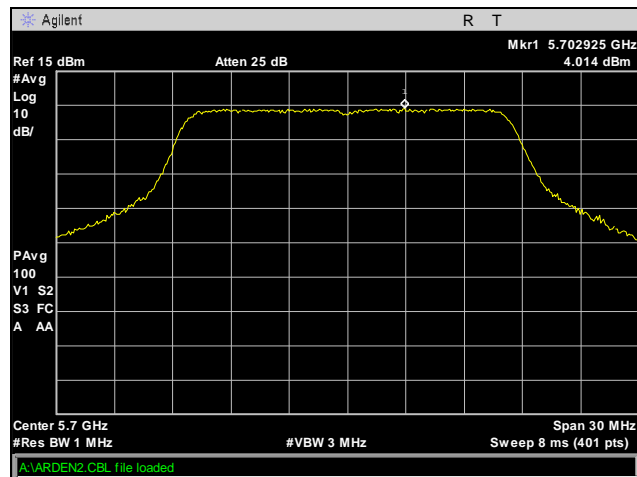
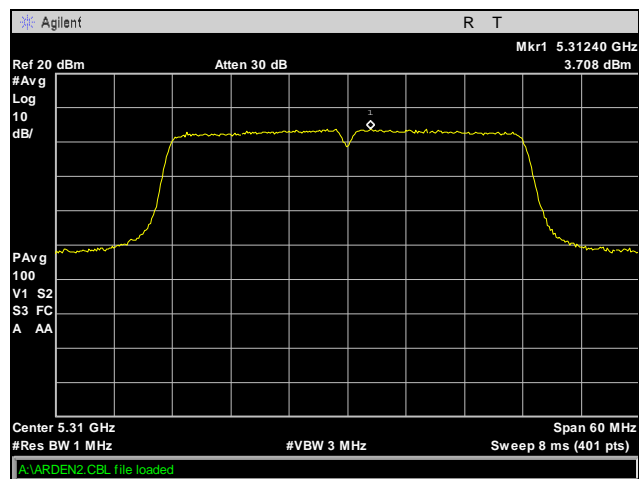**Plot 553. Power Spectral Density, 802.11a, 5700 MHz, Port 2, Radio 0, 4x8**
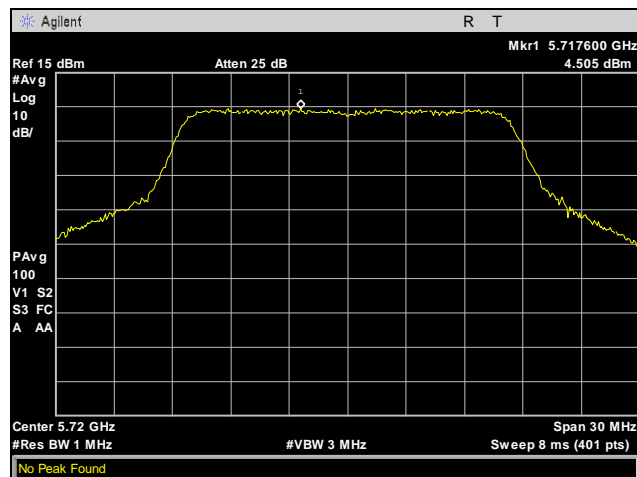
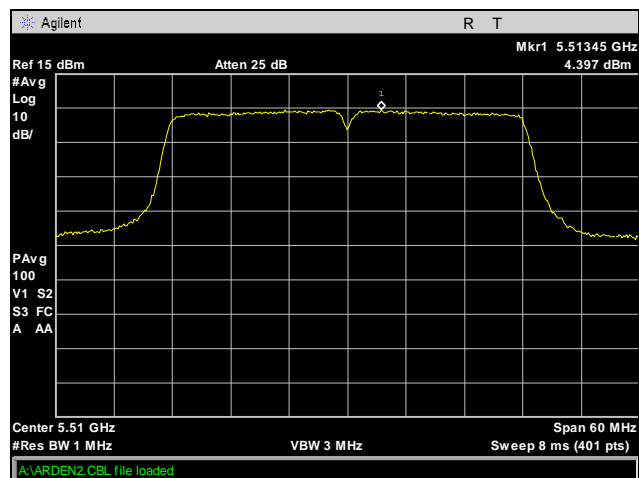**Plot 554. Power Spectral Density, 802.11a, 5720 MHz, Port 2, Radio 0, 4x8**

Power Spectral Density, 802.11a, Port 3, Radio 0, 4x8
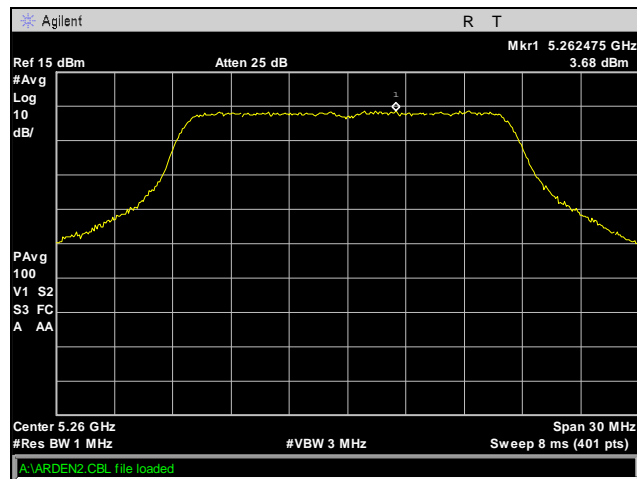
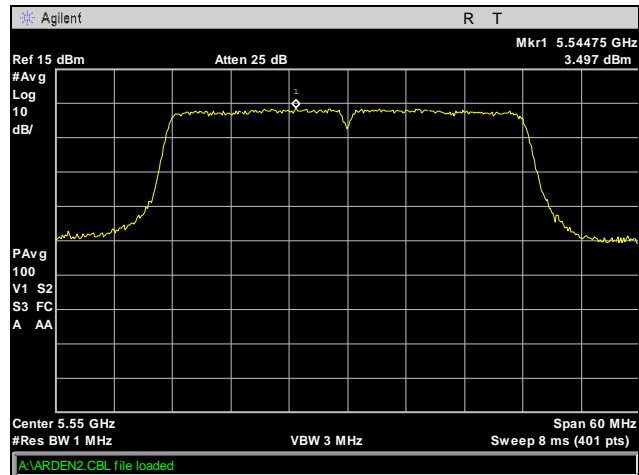**Plot 555. Power Spectral Density, 802.11a, 5260 MHz, Port 3, Radio 0, 4x8**
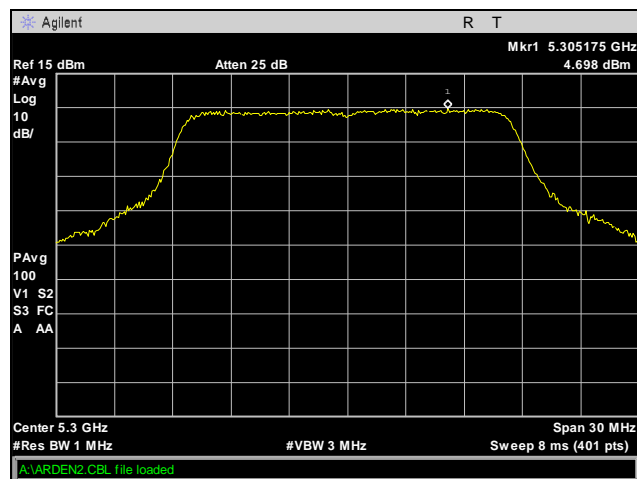
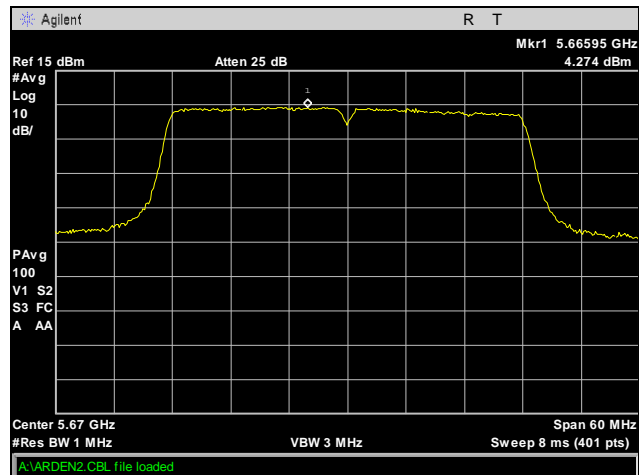**Plot 556. Power Spectral Density, 802.11a, 5300 MHz, Port 3, Radio 0, 4x8**
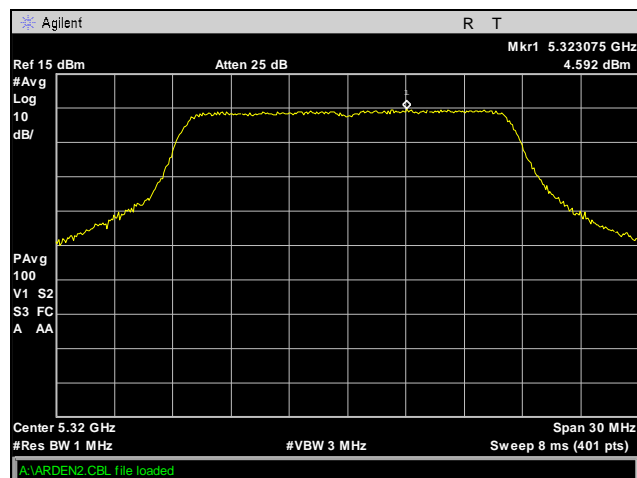
Plot 557. Power Spectral Density, 802.11a, 5320 MHz, Port 3, Radio 0, 4x8
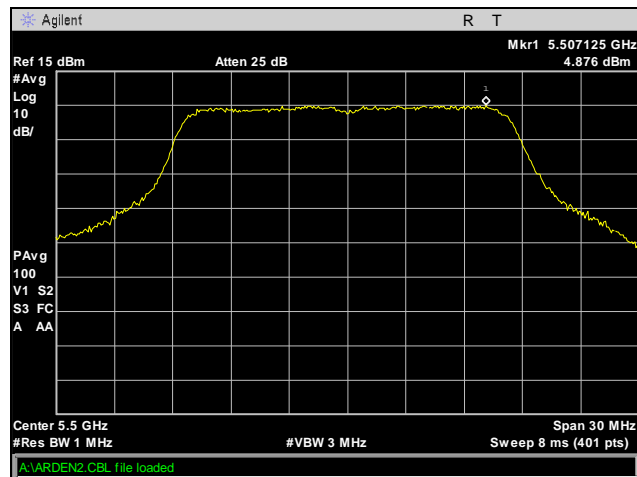
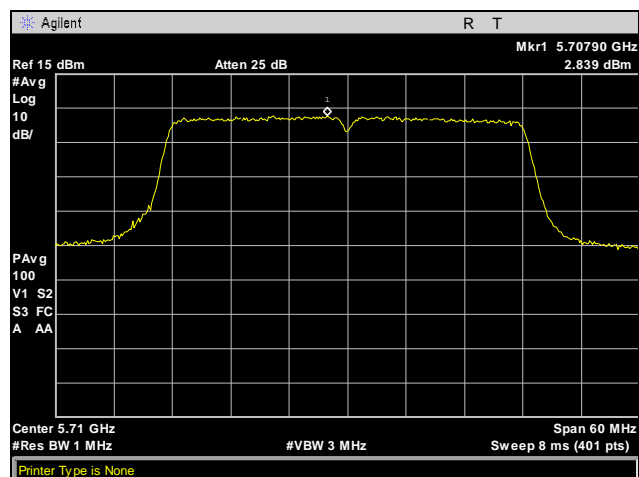**Plot 558. Power Spectral Density, 802.11a, 5500 MHz, Port 3, Radio 0, 4x8**
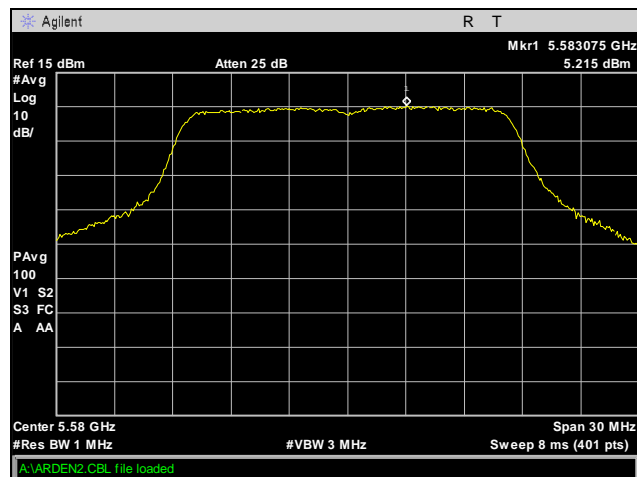
Plot 559. Power Spectral Density, 802.11a, 5580 MHz, Port 3, Radio 0, 4x8
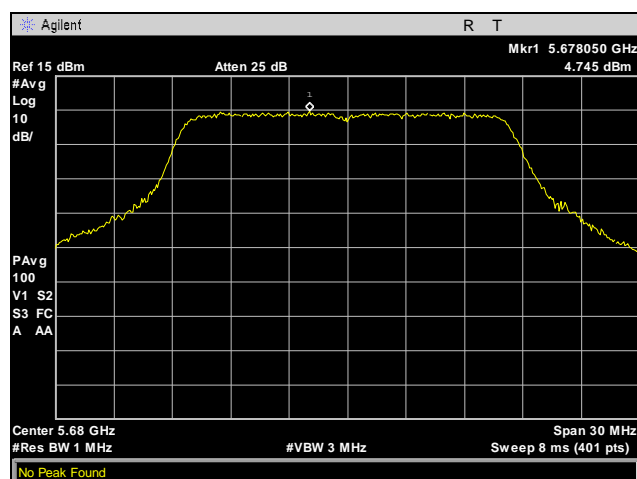
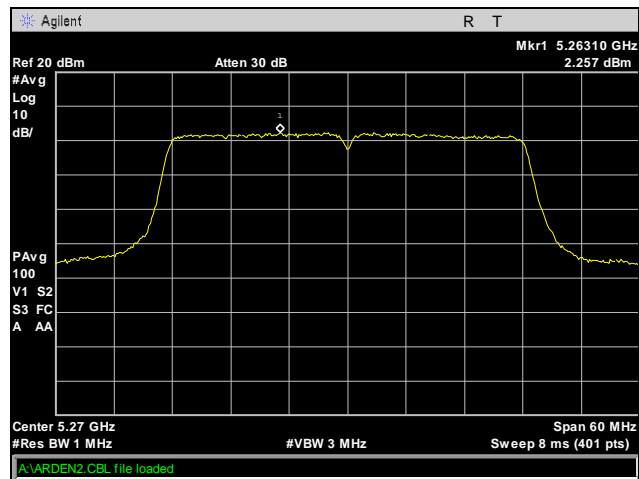**Plot 560. Power Spectral Density, 802.11a, 5680 MHz, Port 3, Radio 0, 4x8**
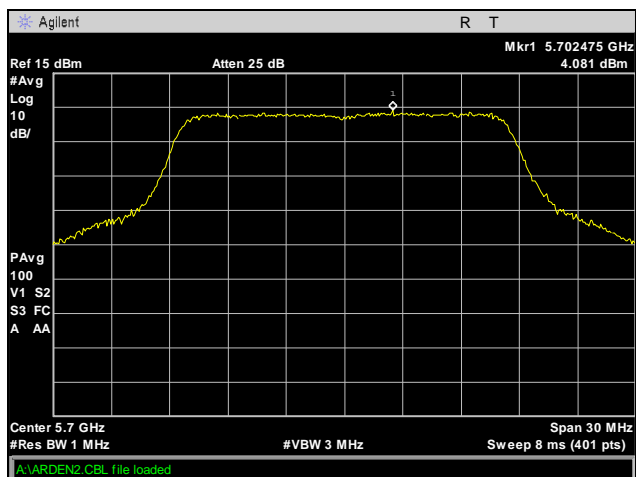
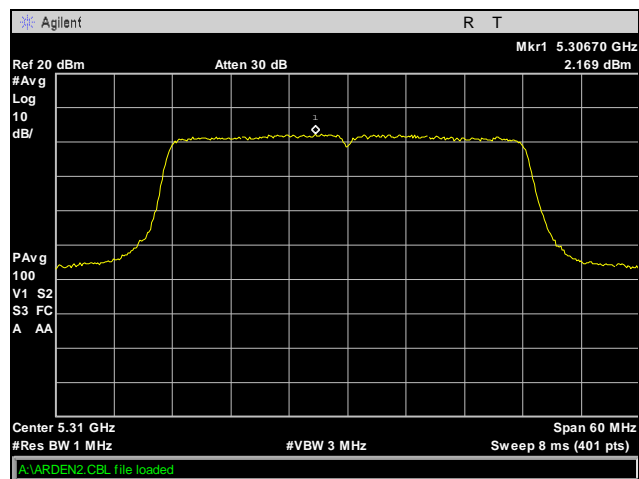**Plot 561. Power Spectral Density, 802.11a, 5700 MHz, Port 3, Radio 0, 4x8**
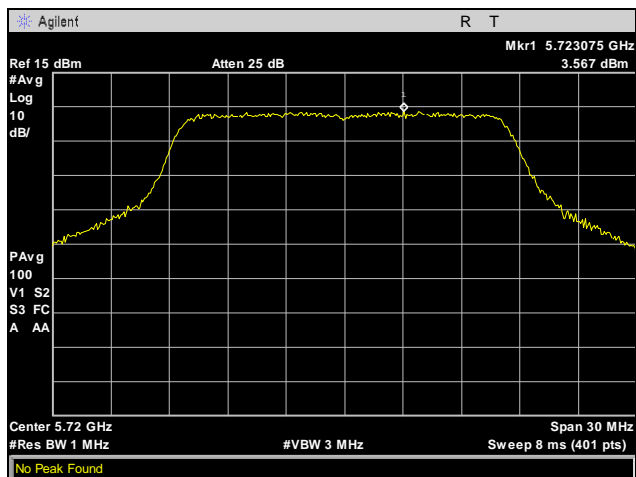
Plot 562. Power Spectral Density, 802.11a, 5720 MHz, Port 3, Radio 0, 4x8

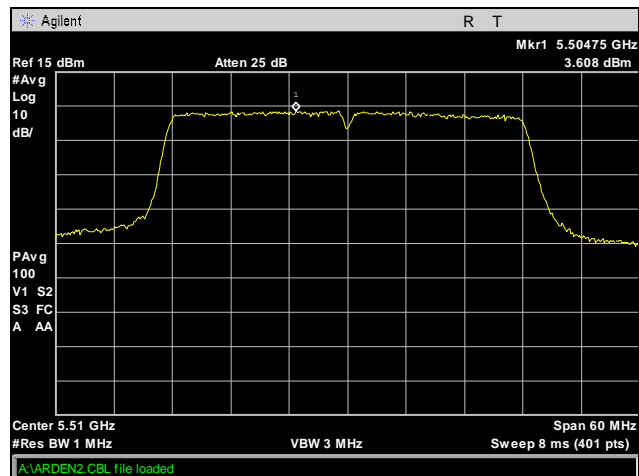## Power Spectral Density, 802.11a, Port 4, Radio 0, 4x8
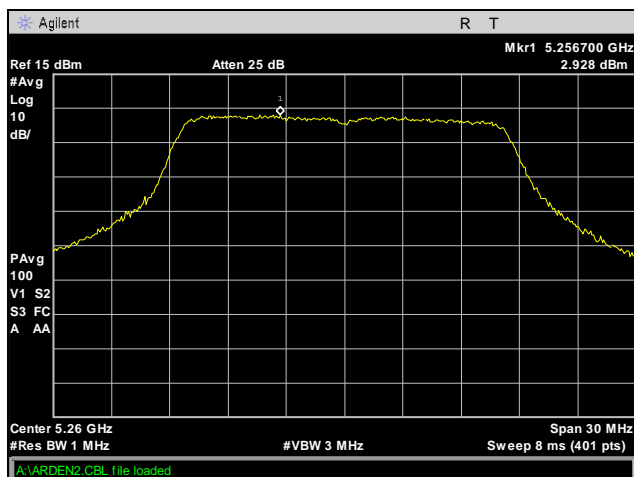
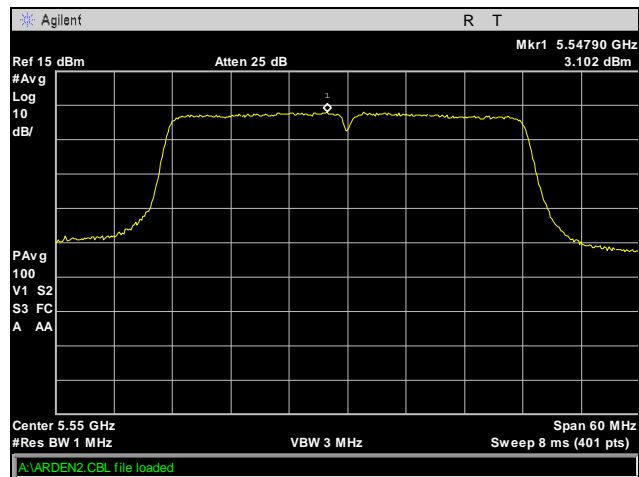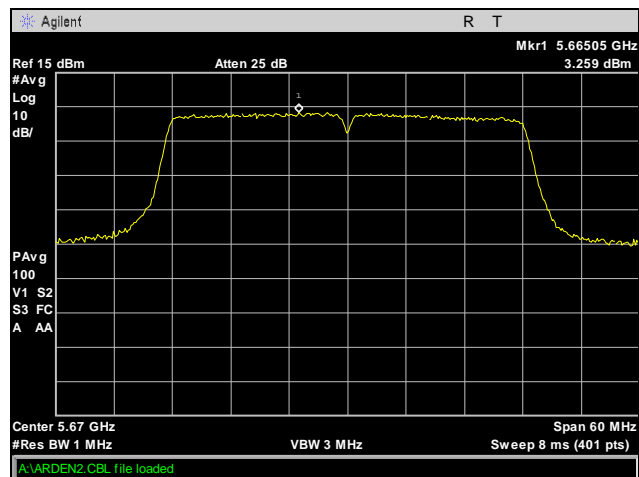**Plot 563. Power Spectral Density, 802.11a, 5260 MHz, Port 4, Radio 0, 4x8**
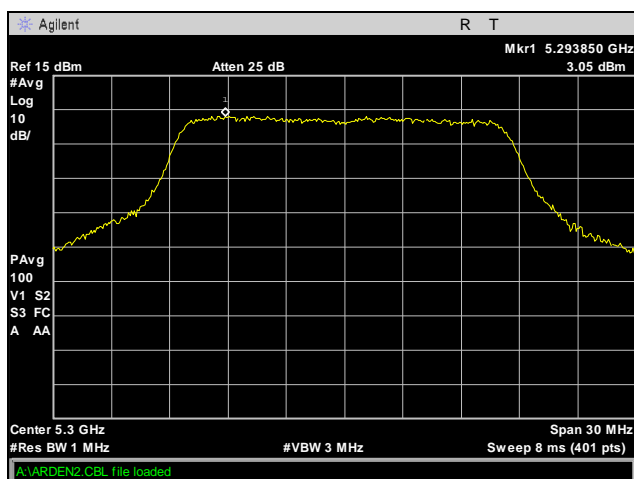
Plot 564. Power Spectral Density, 802.11a, 5300 MHz, Port 4, Radio 0, 4x8
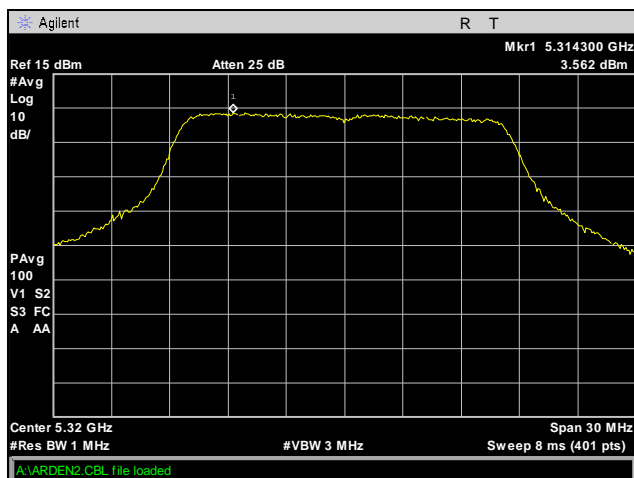
Plot 565. Power Spectral Density, 802.11a, 5320 MHz, Port 4, Radio 0, 4x8
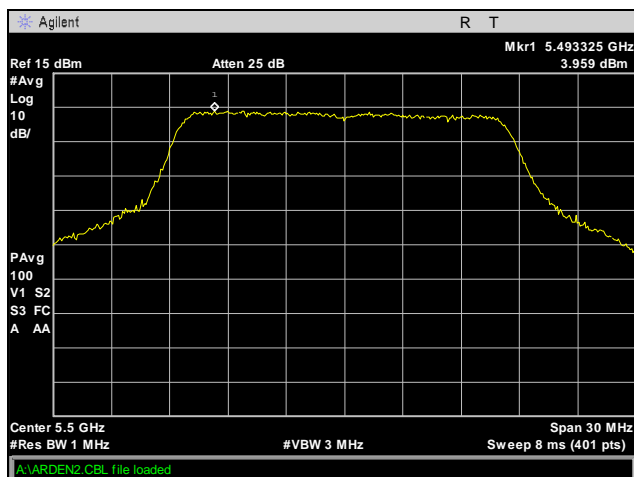
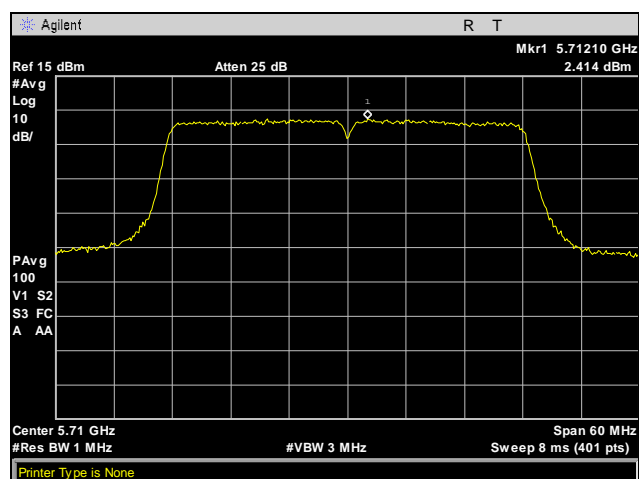**Plot 566. Power Spectral Density, 802.11a, 5500 MHz, Port 4, Radio 0, 4x8**
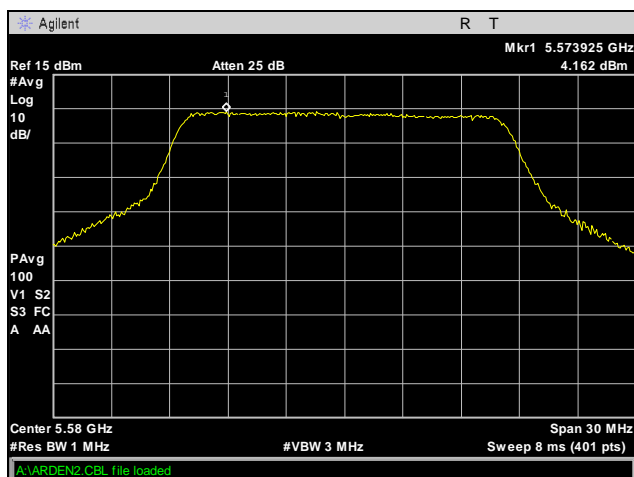
Plot 567. Power Spectral Density, 802.11a, 5580 MHz, Port 4, Radio 0, 4x8

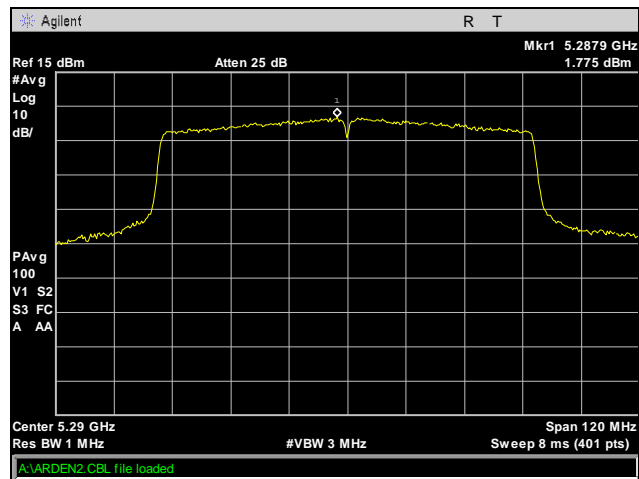**Plot 568. Power Spectral Density, 802.11a, 5680 MHz, Port 4, Radio 0, 4x8**

Plot 569. Power Spectral Density, 802.11a, 5700 MHz, Port 4, Radio 0, 4x8

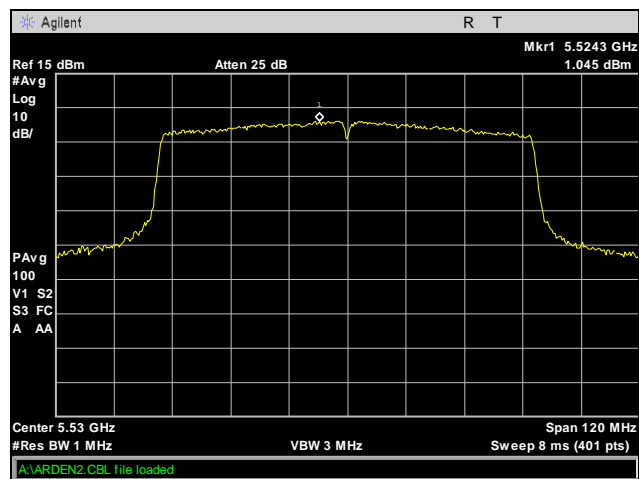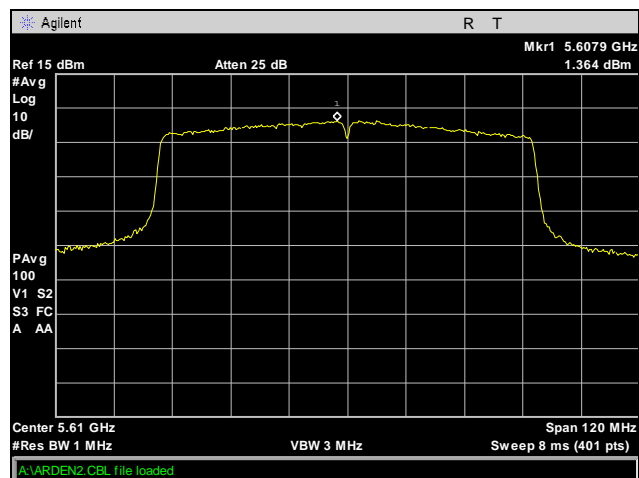**Plot 570. Power Spectral Density, 802.11a, 5720 MHz, Port 4, Radio 0, 4x8**

Power Spectral Density, 802.11ac 20 MHz, Port 1, Radio 0, 4x8
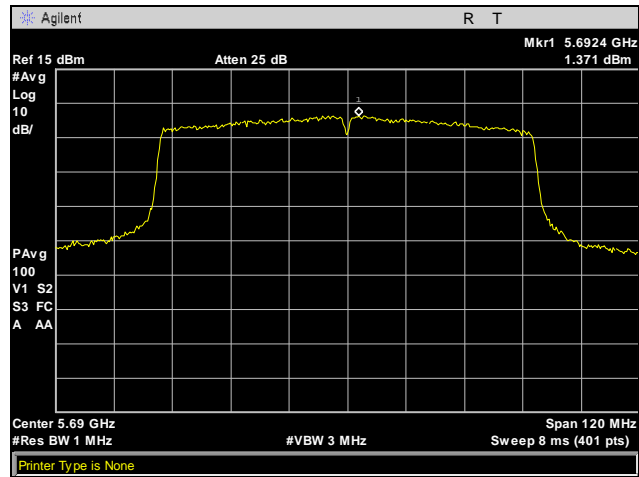

Plot 571. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 1, Radio 0, 4x8

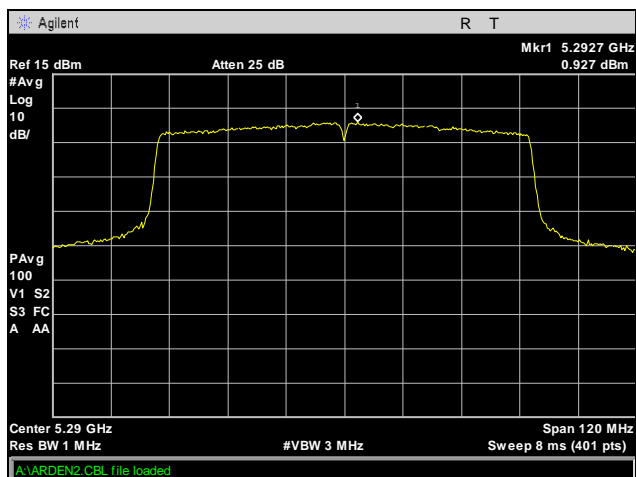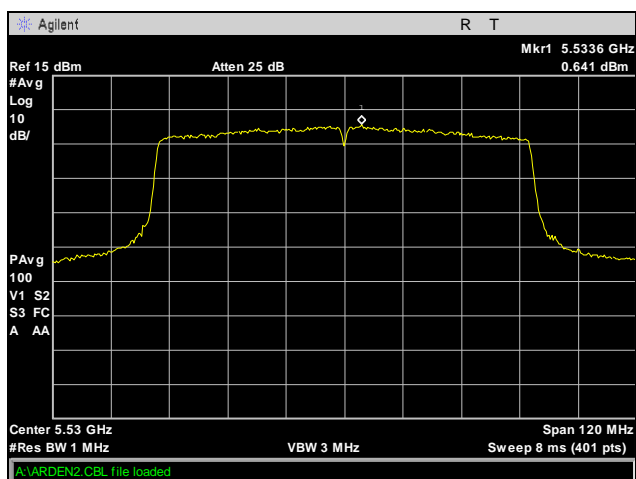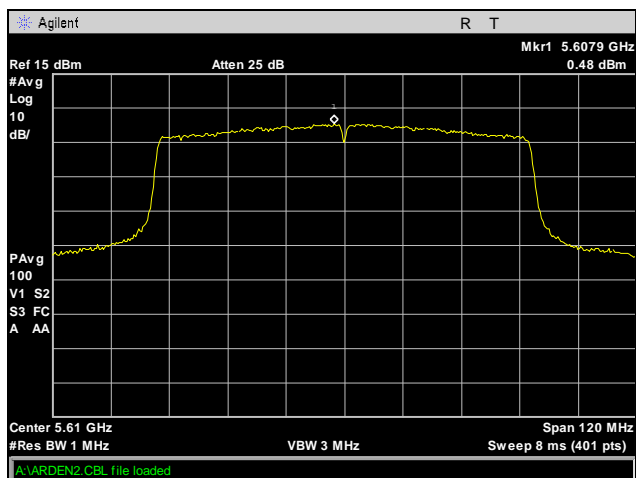**Plot 572. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 1, Radio 0, 4x8**

Plot 573. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 1, Radio 0, 4x8

Plot 574. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 1, Radio 0, 4x8

Plot 575. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 1, Radio 0, 4x8

Plot 576. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 1, Radio 0, 4x8

Plot 577. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 1, Radio 0, 4x8

Plot 578. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 1, Radio 0, 4x8

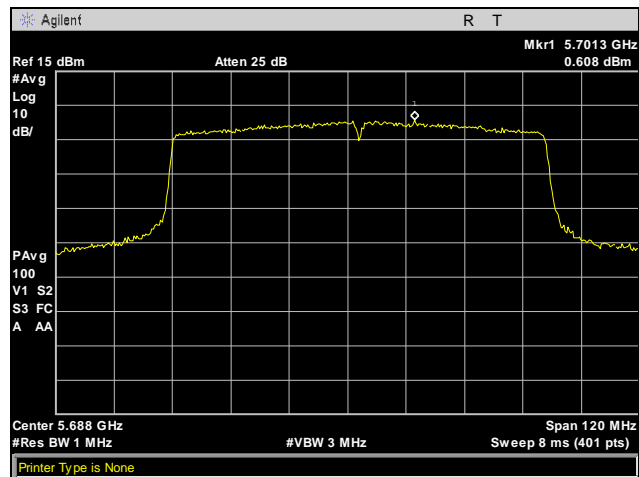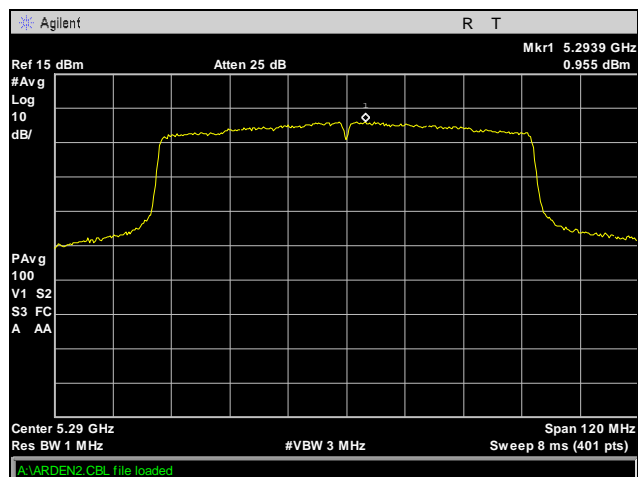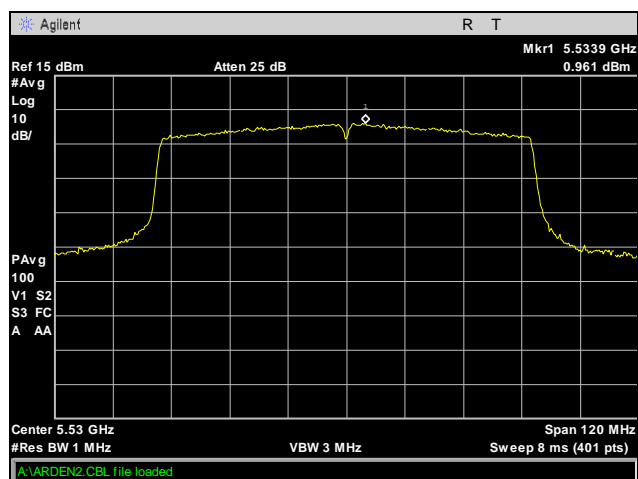## Power Spectral Density, 802.11ac 20 MHz, Port 2, Radio 0, 4x8

Plot 579. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 2, Radio 0, 4x8

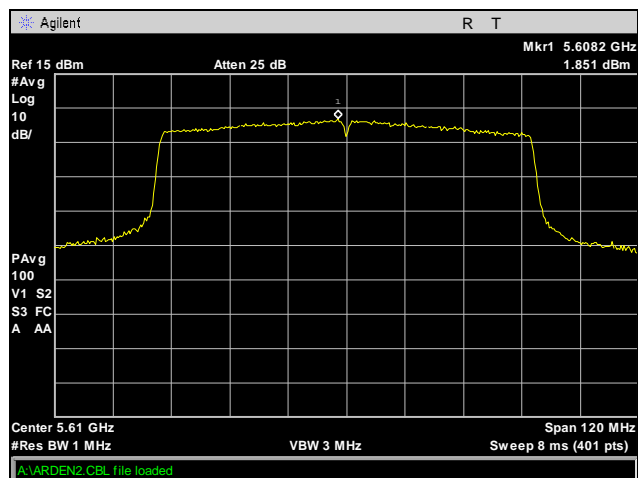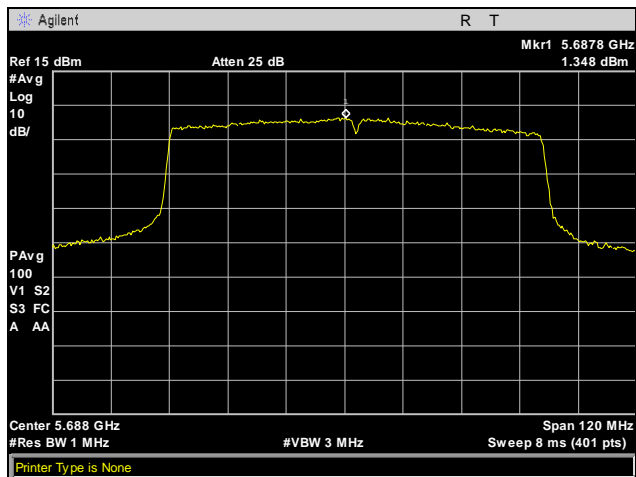**Plot 580. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 2, Radio 0, 4x8**

Plot 581. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 2, Radio 0, 4x8

Plot 582. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 2, Radio 0, 4x8
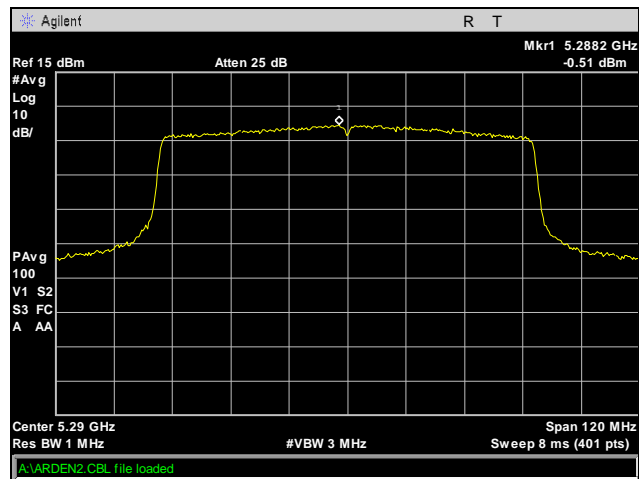

Plot 583. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 2, Radio 0, 4x8

Plot 584. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 2, Radio 0, 4x8

Plot 585. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 2, Radio 0, 4x8
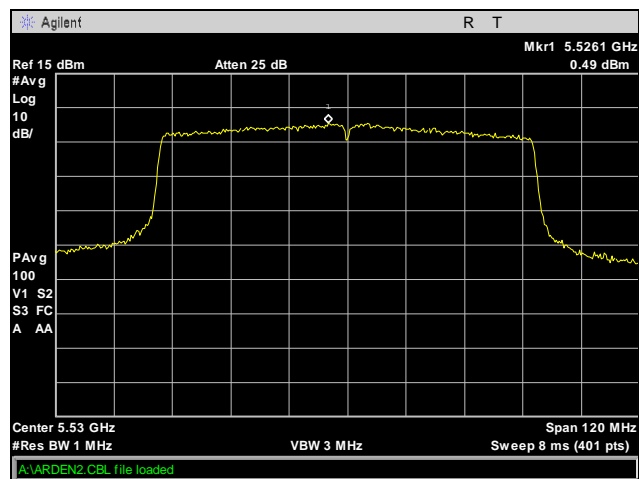

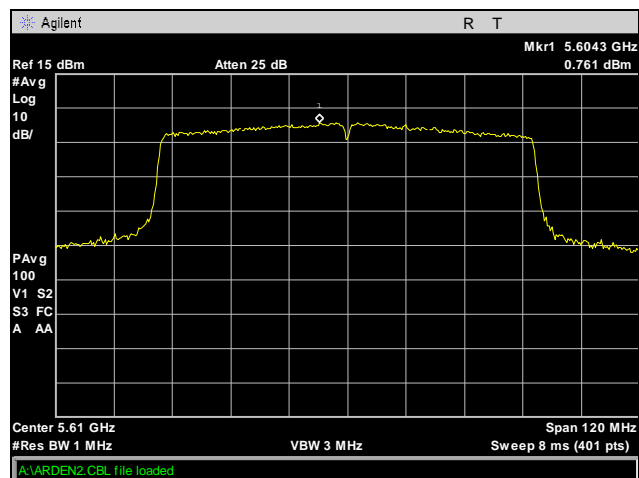**Plot 586. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 2, Radio 0, 4x8**

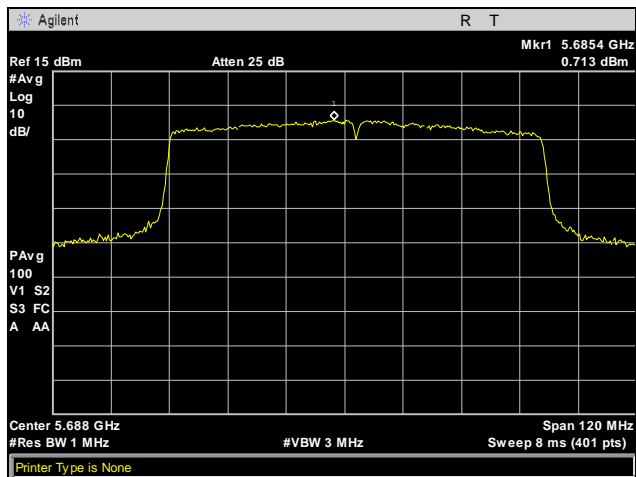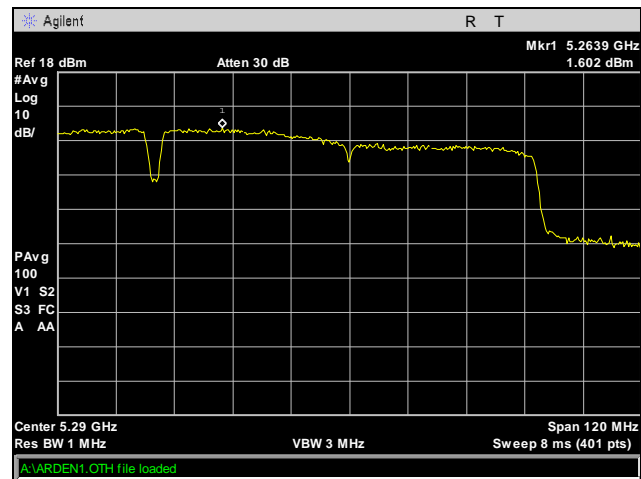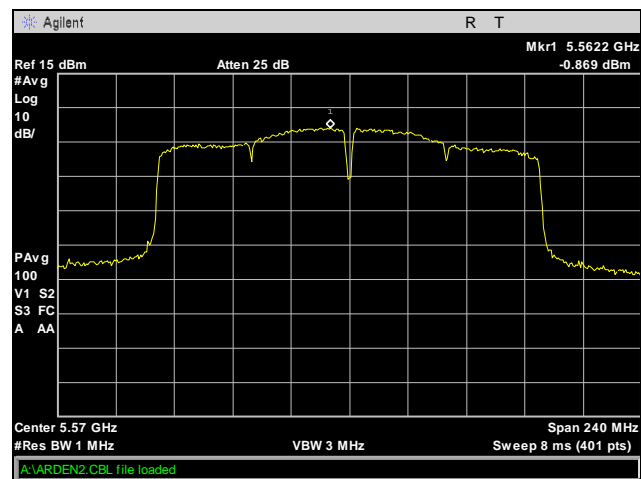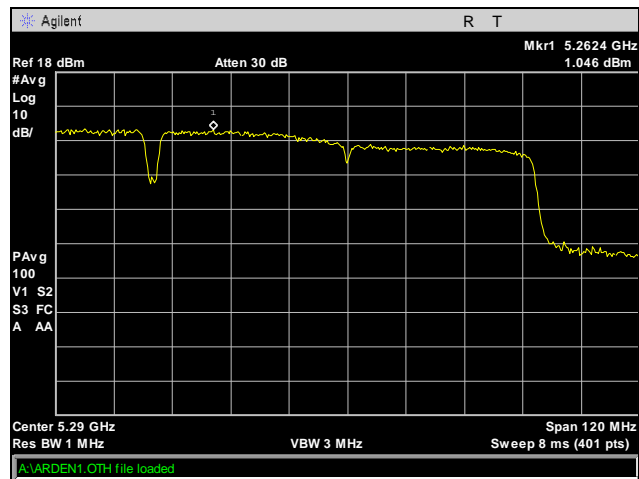## Power Spectral Density, 802.11ac 20 MHz, Port 3, Radio 0, 4x8

Plot 587. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 3, Radio 0, 4x8

Plot 588. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 3, Radio 0, 4x8

Plot 589. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 3, Radio 0, 4x8

Plot 590. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 3, Radio 0, 4x8

Plot 591. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 3, Radio 0, 4x8

Plot 592. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 3, Radio 0, 4x8

Plot 593. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 3, Radio 0, 4x8
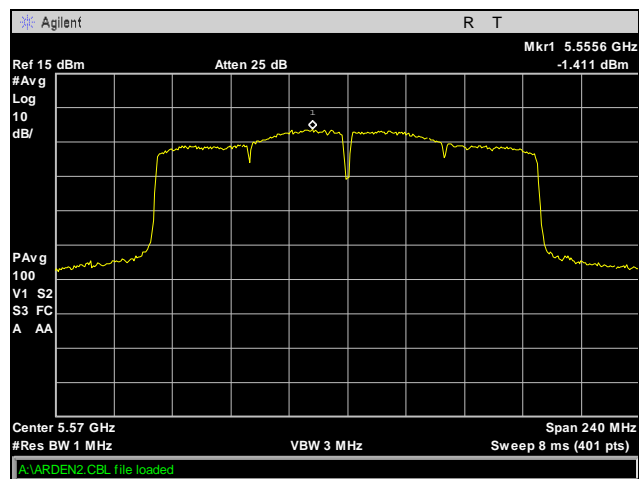

Plot 594. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 3, Radio 0, 4x8

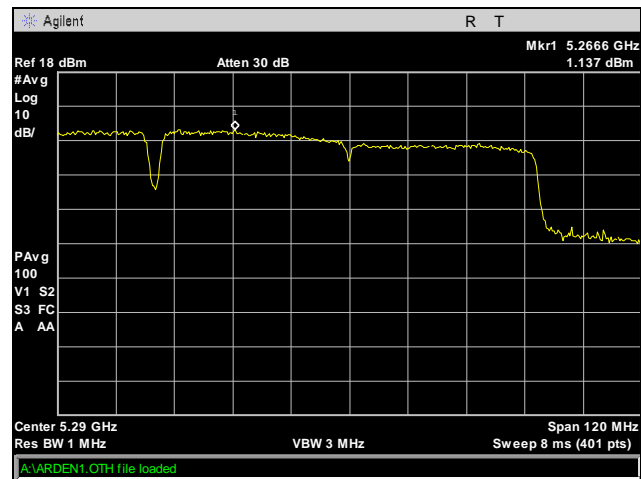## Power Spectral Density, 802.11ac 20 MHz, Port 4, Radio 0, 4x8

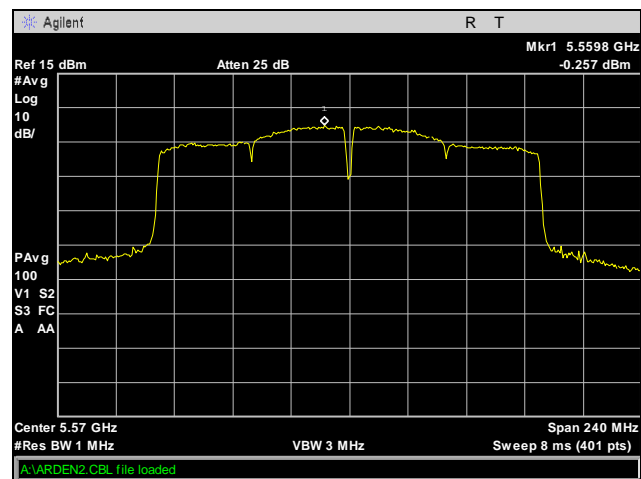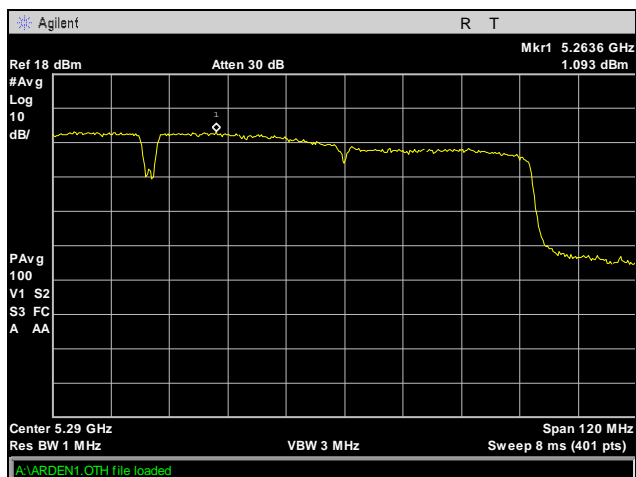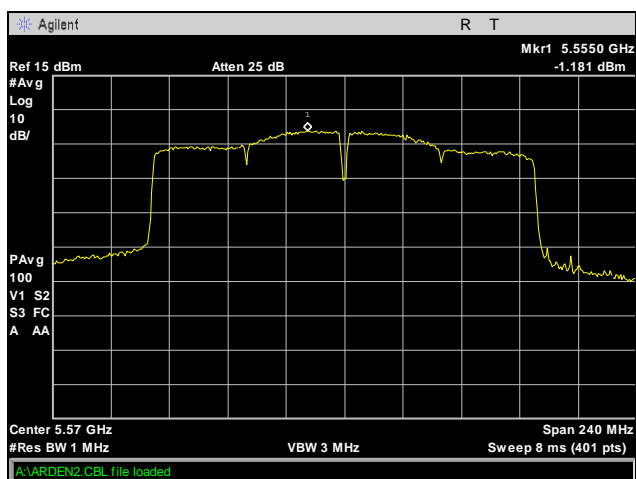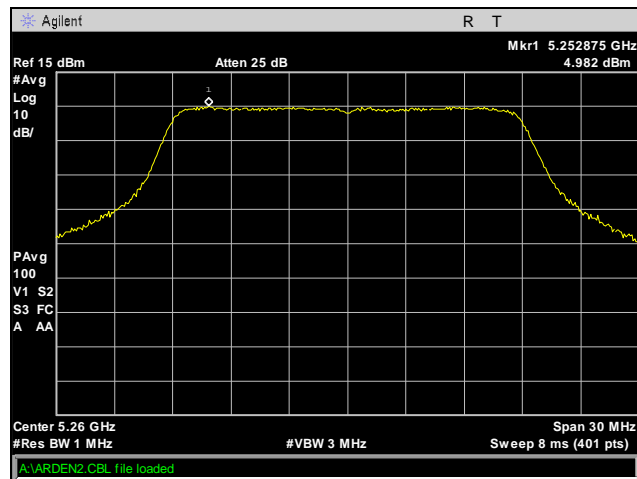**Plot 595. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 4, Radio 0, 4x8**

Plot 596. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 4, Radio 0, 4x8

Plot 597. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 4, Radio 0, 4x8

Plot 598. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 4, Radio 0, 4x8

Plot 599. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 4, Radio 0, 4x8

Plot 600. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 4, Radio 0, 4x8

Plot 601. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 4, Radio 0, 4x8
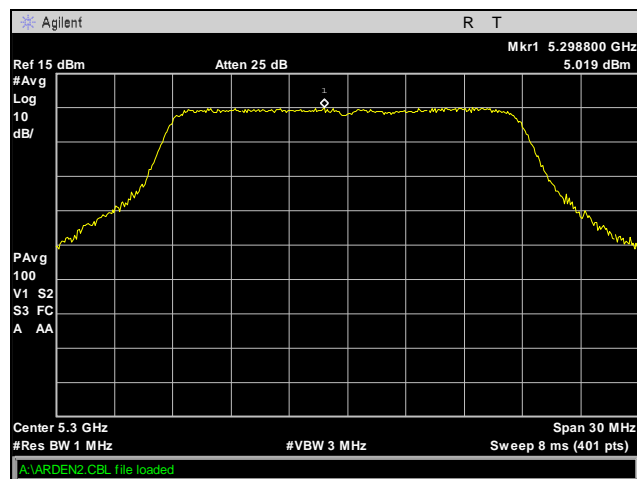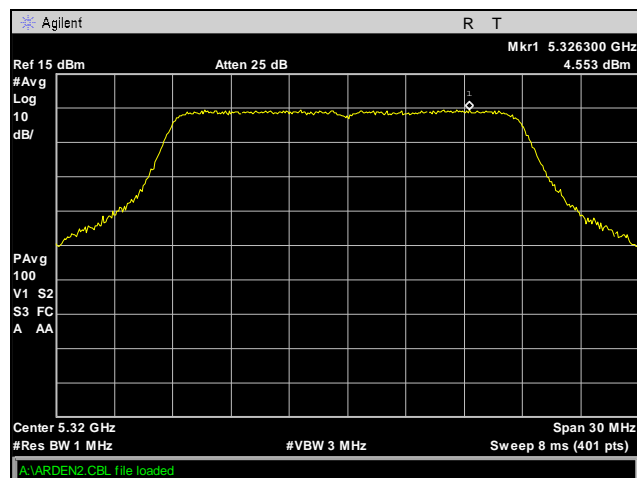

Plot 602. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 4, Radio 0, 4x8

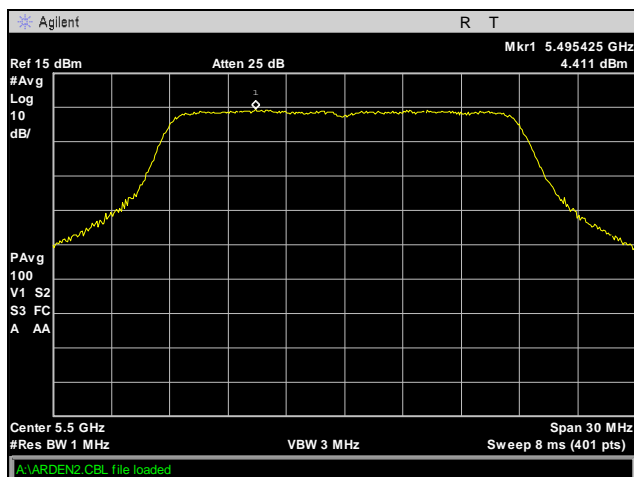## Power Spectral Density, 802.11ac 40 MHz, Port 1, Radio 0, 4x8

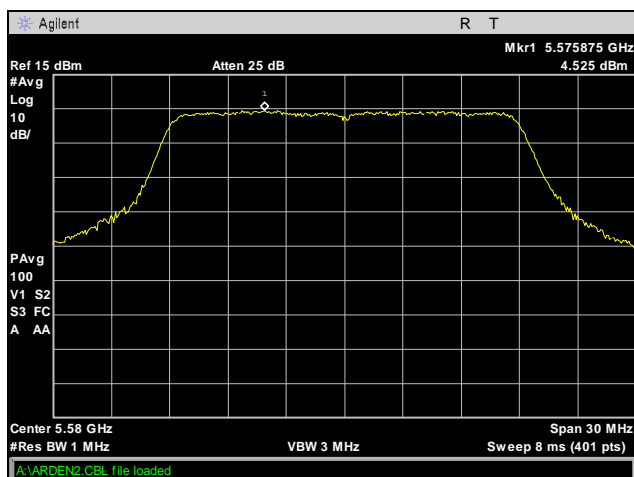**Plot 603. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 1, Radio 0, 4x8**

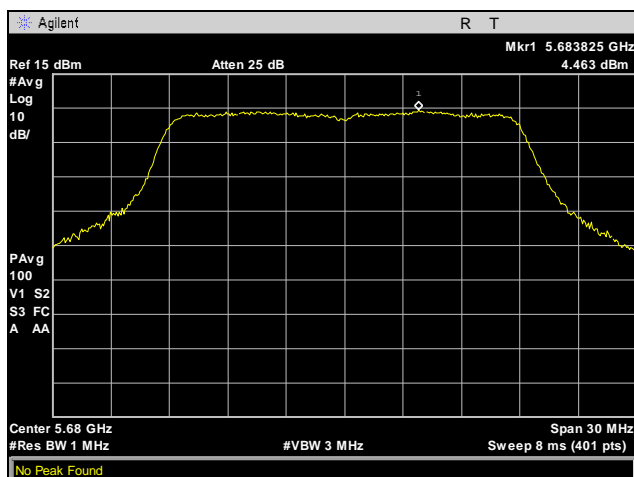**Plot 604. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 1, Radio 0, 4x8**

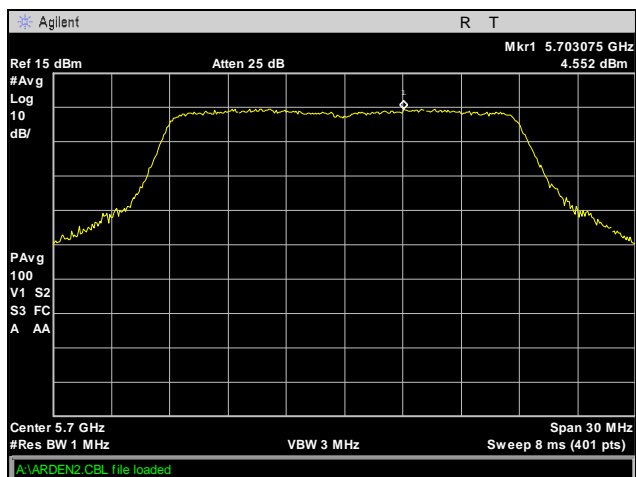**Plot 605. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 1, Radio 0, 4x8**

Plot 606. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 1, Radio 0, 4x8

Plot 607. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 1, Radio 0, 4x8
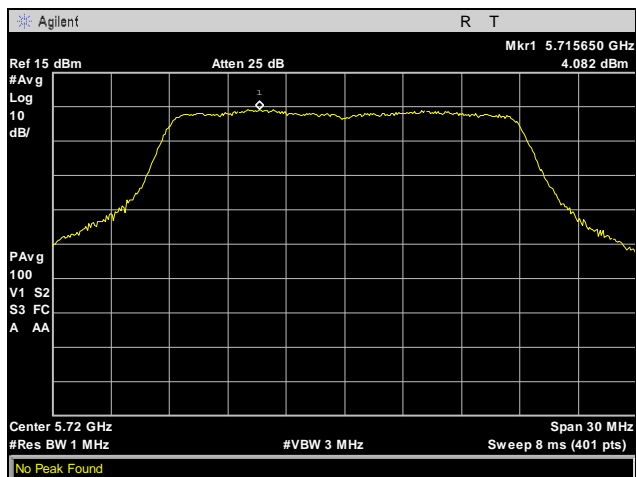

Plot 608. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 1, Radio 0, 4x8
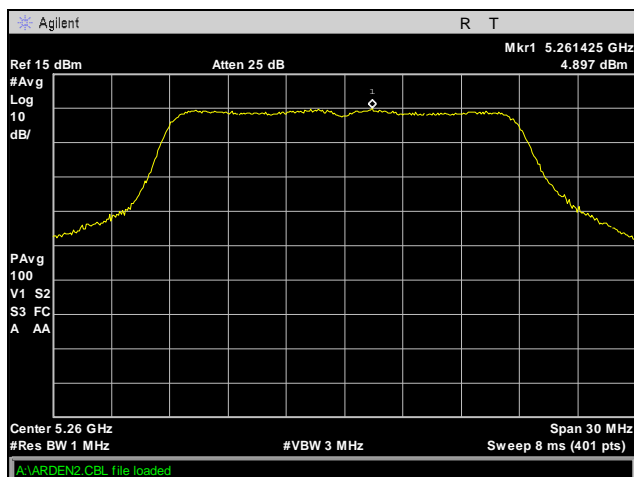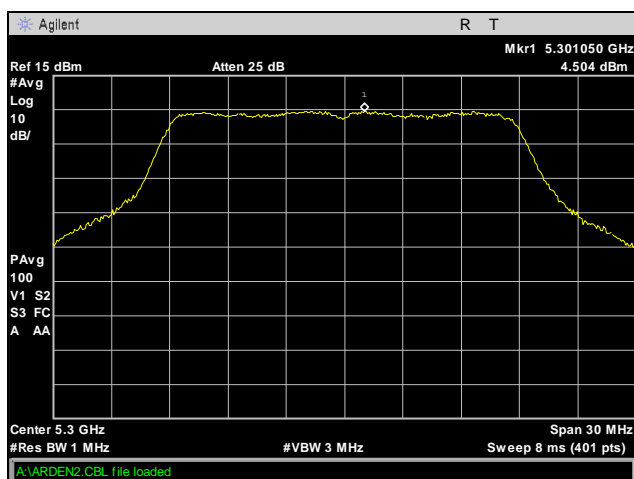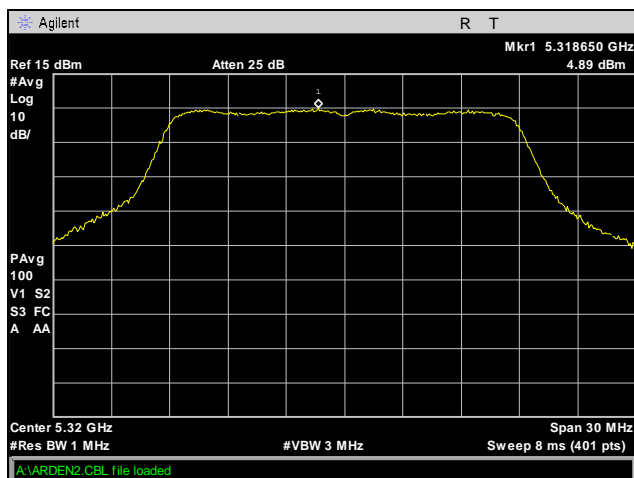
Power Spectral Density, 802.11ac 40 MHz, Port 2, Radio 0, 4x8

Plot 609. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 2, Radio 0, 4x8

Plot 610. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 2, Radio 0, 4x8

Plot 611. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 2, Radio 0, 4x8

Plot 612. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 2, Radio 0, 4x8

Plot 613. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 2, Radio 0, 4x8

Plot 614. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 2, Radio 0, 4x8

Power Spectral Density, 802.11ac 40 MHz, Port 3, Radio 0, 4x8

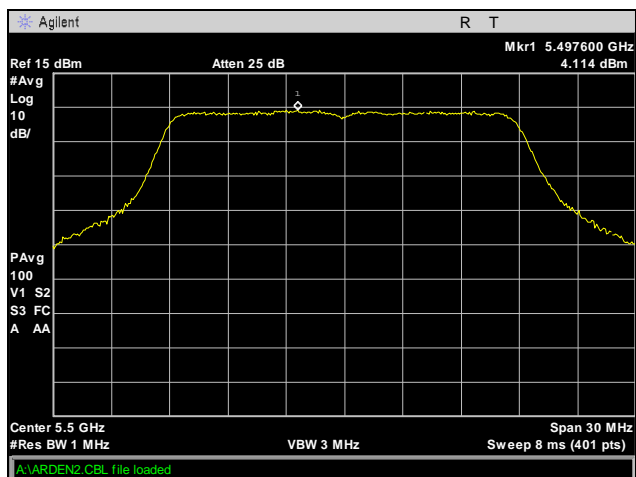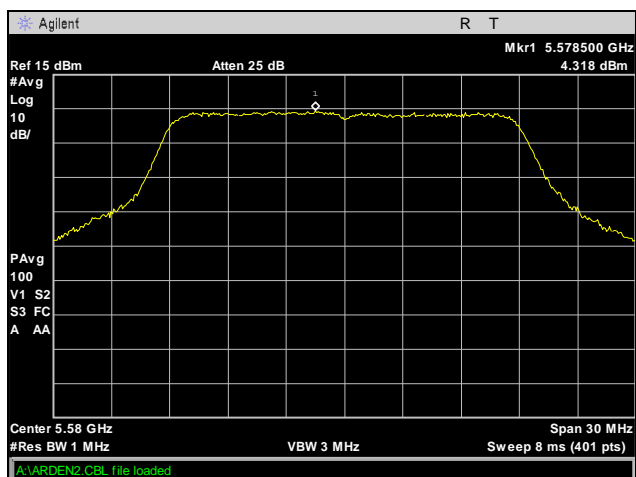**Plot 615. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 3, Radio 0, 4x8**

Plot 616. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 3, Radio 0, 4x8
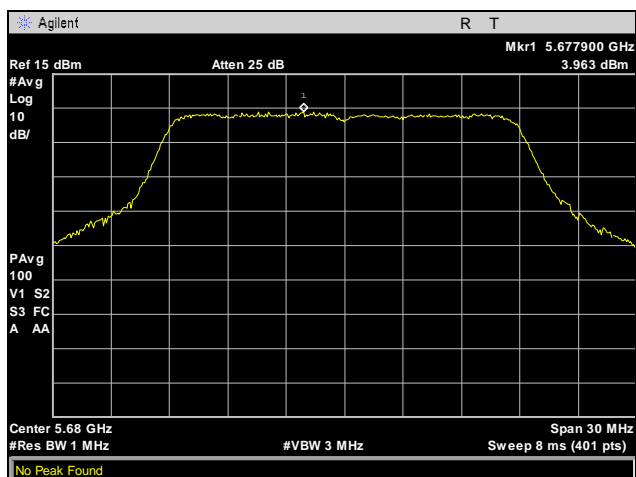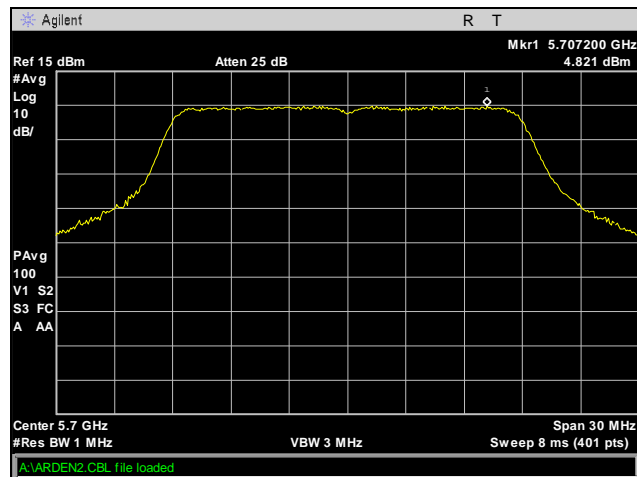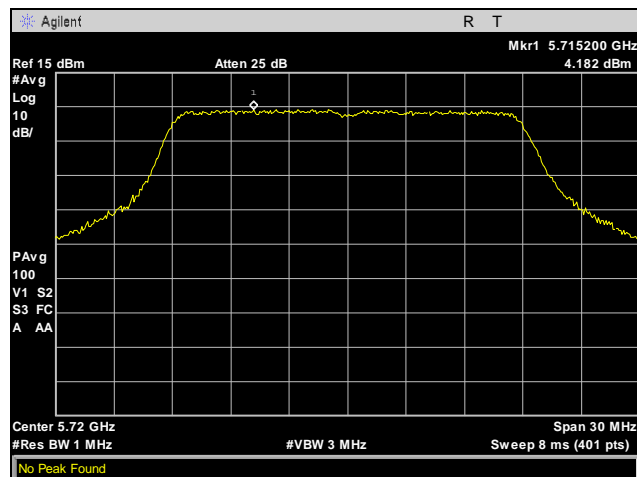

Plot 617. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 3, Radio 0, 4x8

Plot 618. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 3, Radio 0, 4x8

Plot 619. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 3, Radio 0, 4x8
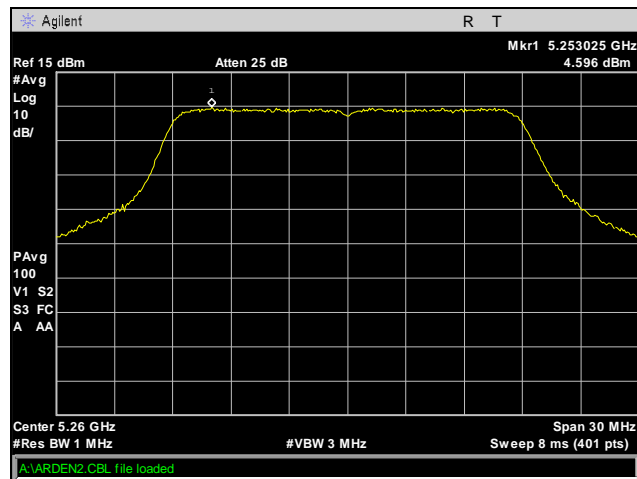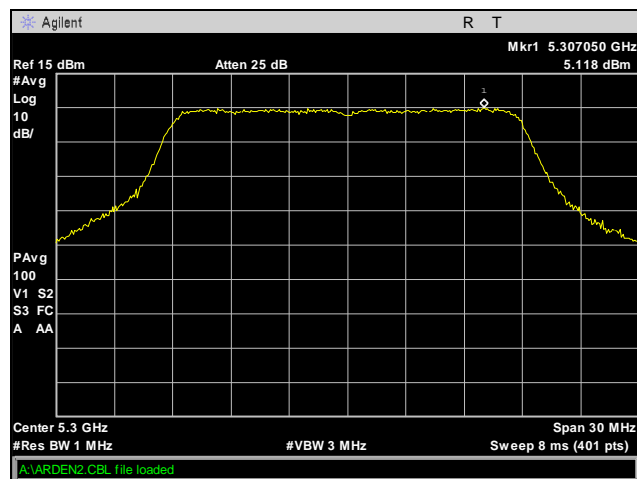

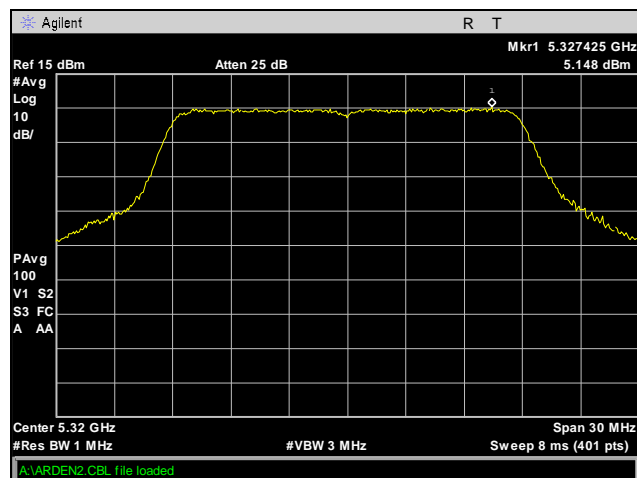**Plot 620. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 3, Radio 0, 4x8**

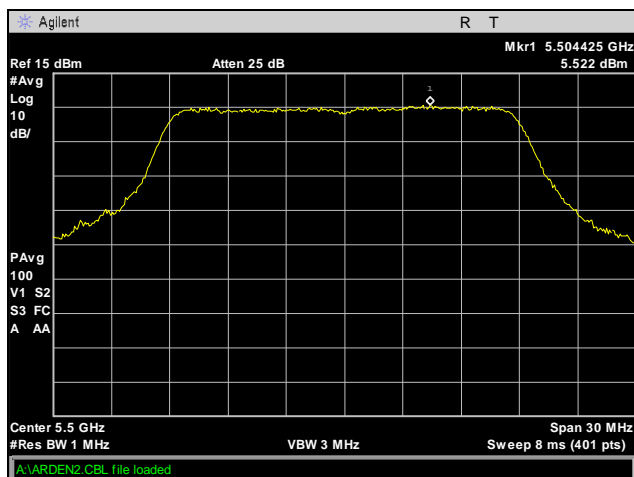## Power Spectral Density, 802.11ac 40 MHz, Port 4, Radio 0, 4x8

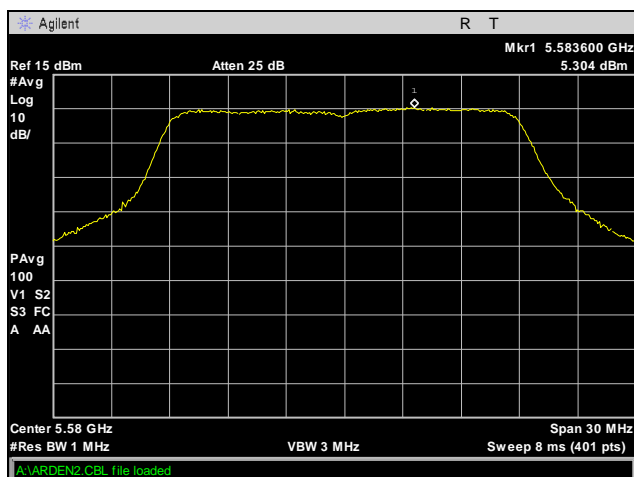**Plot 621. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 4, Radio 0, 4x8**

Plot 622. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 4, Radio 0, 4x8

Plot 623. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 4, Radio 0, 4x8

Plot 624. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 4, Radio 0, 4x8

Plot 625. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 4, Radio 0, 4x8

Plot 626. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 4, Radio 0, 4x8
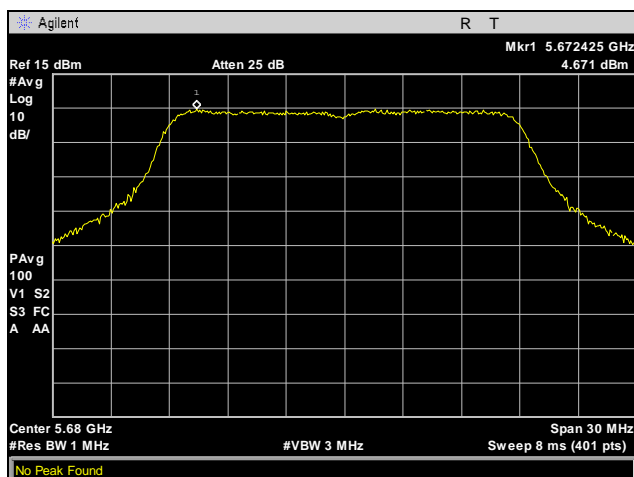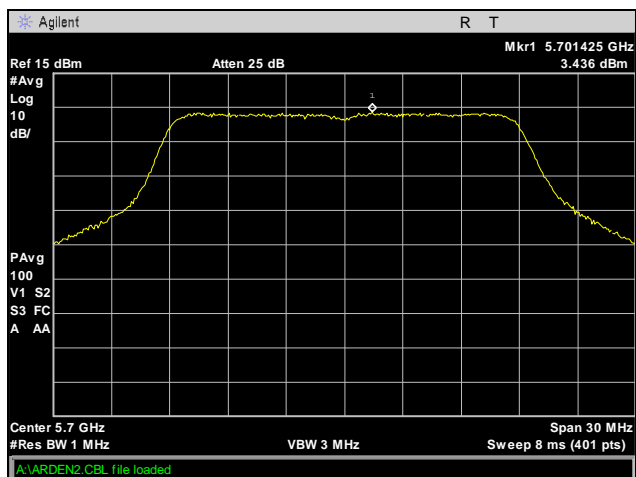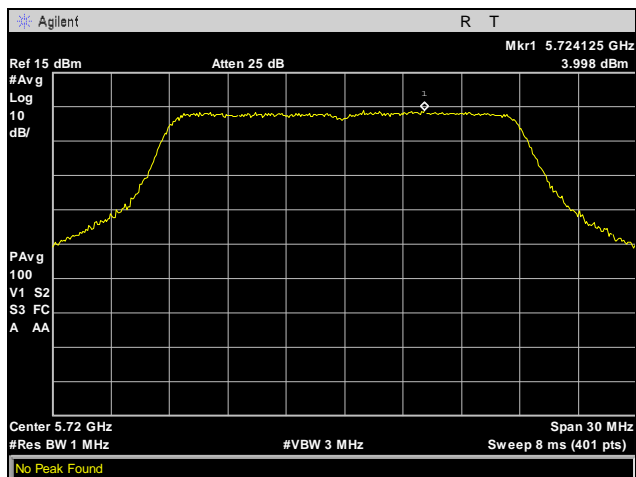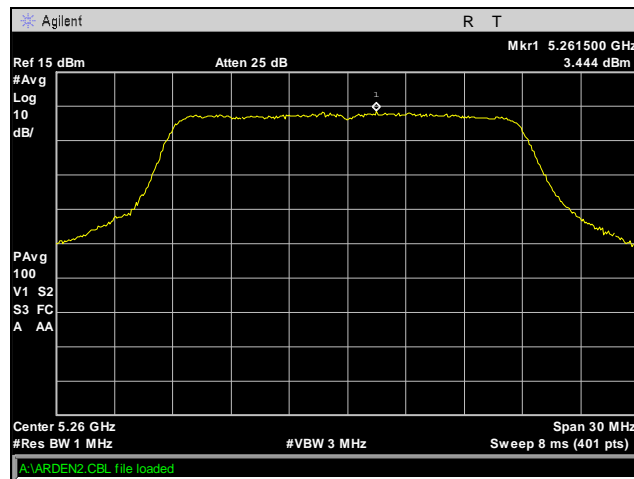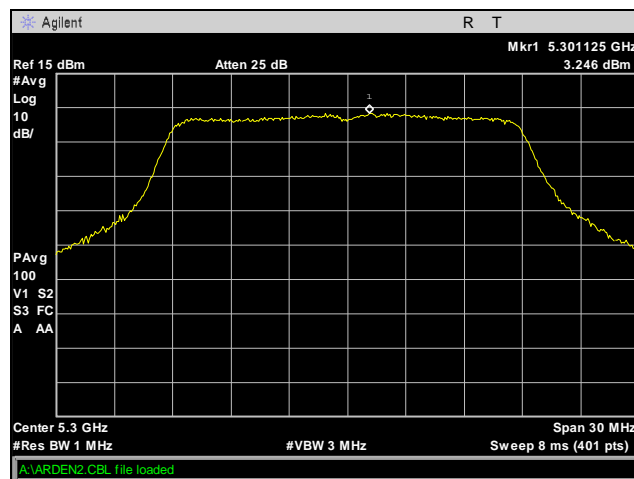
Power Spectral Density, 802.11ac 80 MHz, Port 1, Radio 0, 4x8

```
Agilent                                          R   T
                                        Mkr1  5.2879 GHz
Ref 15 dBm              Atten 25 dB            1.775 dBm
#Avg
Log
10
dB/




PAvg
100
V1  S2
S3  FC
A   AA


Center 5.29 GHz                          Span 120 MHz
Res BW 1 MHz            #VBW 3 MHz      Sweep 8 ms (401 pts)
A:\ARDEN2.CBL file loaded
```

Plot 627. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 1, Radio 0, 4x8

```
Agilent                                          R   T
                                        Mkr1  5.5243 GHz
Ref 15 dBm              Atten 25 dB            1.045 dBm
#Avg
Log
10
dB/




PAvg
100
V1  S2
S3  FC
A   AA


Center 5.53 GHz                          Span 120 MHz
#Res BW 1 MHz            VBW 3 MHz      Sweep 8 ms (401 pts)
A:\ARDEN2.CBL file loaded
```

Plot 628. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 1, Radio 0, 4x8

```
Agilent                                          R   T
                                        Mkr1  5.6079 GHz
Ref 15 dBm              Atten 25 dB            1.364 dBm
#Avg
Log
10
dB/




PAvg
100
V1  S2
S3  FC
A   AA


Center 5.61 GHz                          Span 120 MHz
#Res BW 1 MHz            VBW 3 MHz      Sweep 8 ms (401 pts)
A:\ARDEN2.CBL file loaded
```

Plot 629. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 1, Radio 0, 4x8

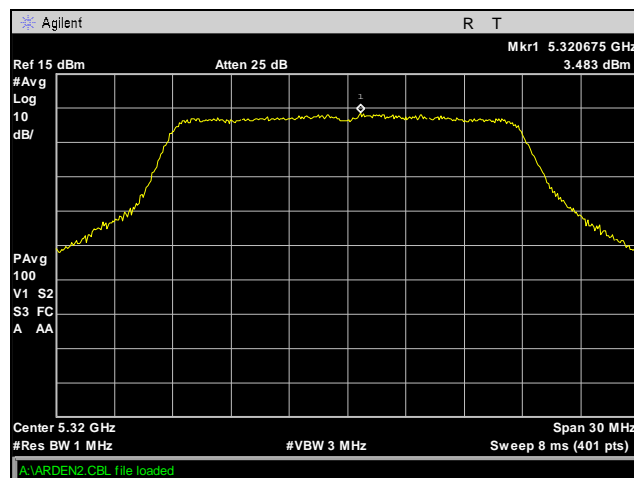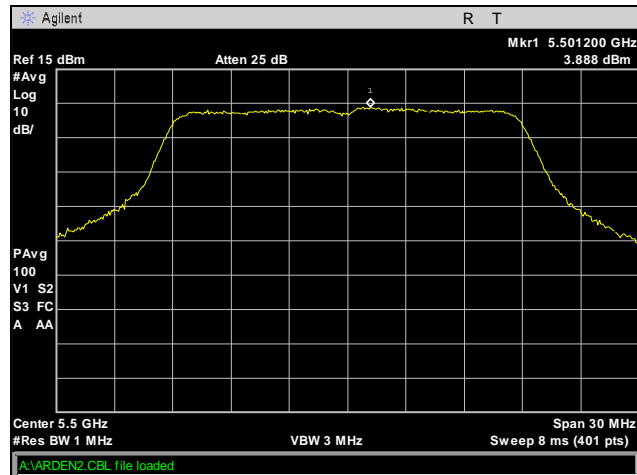**Plot 630. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 1, Radio 0, 4x8**

Power Spectral Density, 802.11ac 80 MHz, Port 2, Radio 0, 4x8

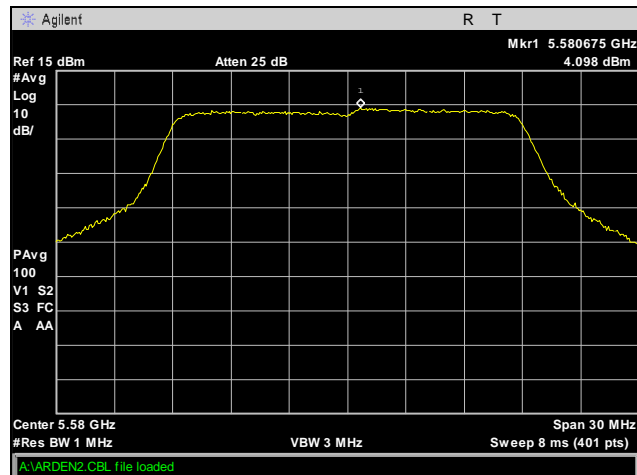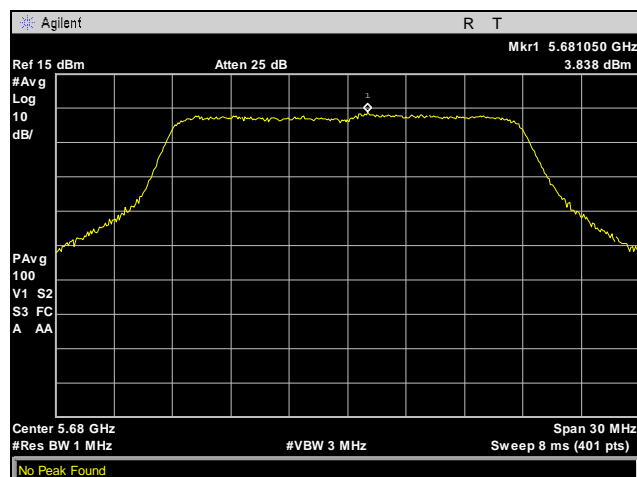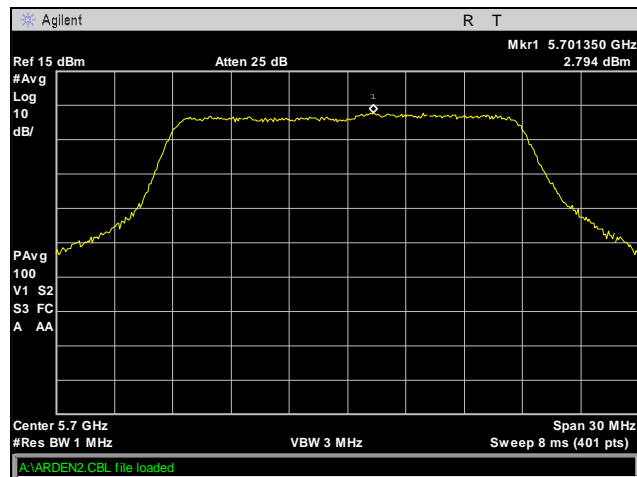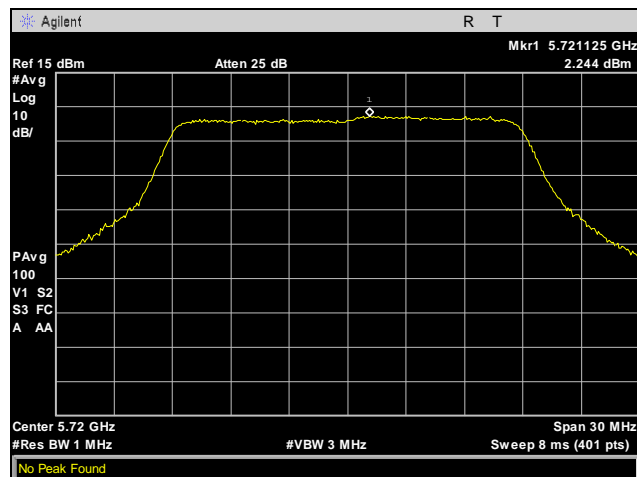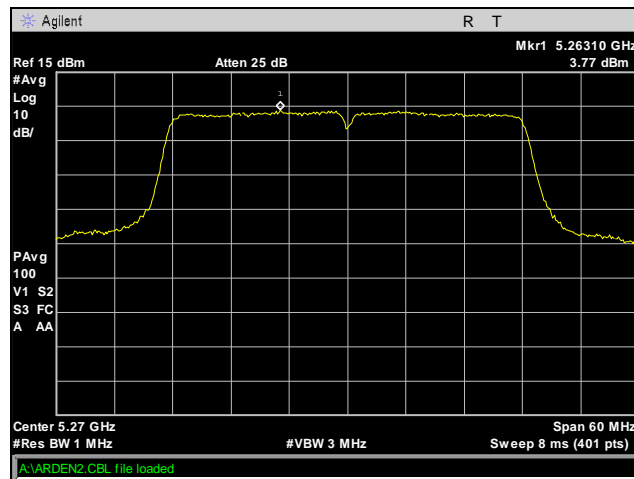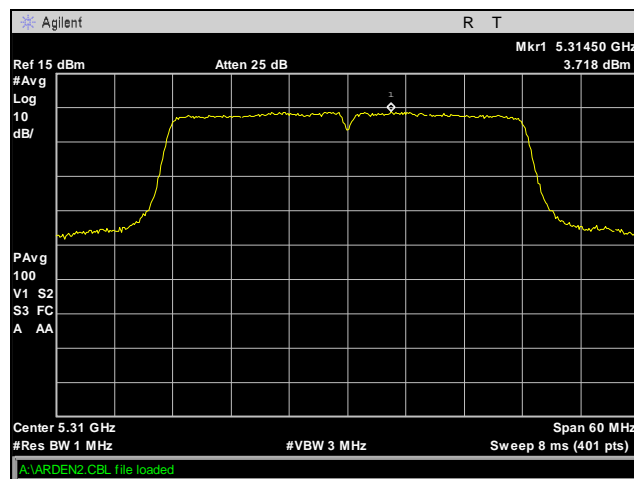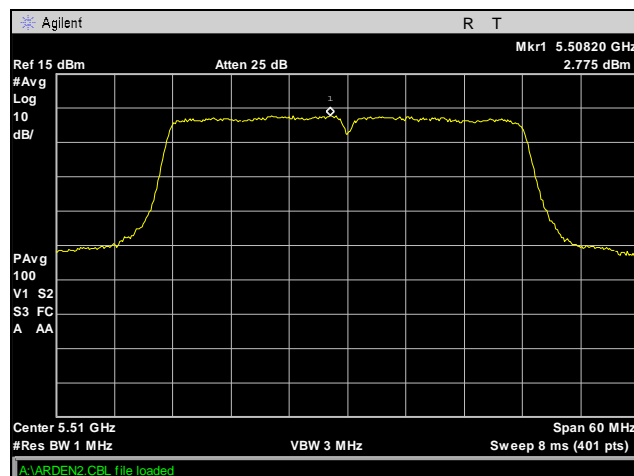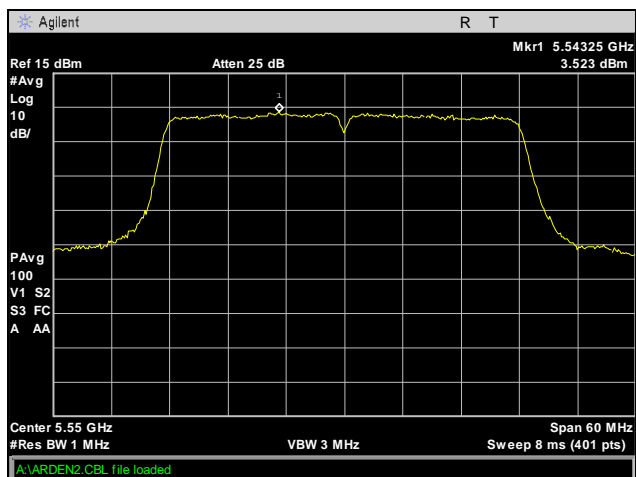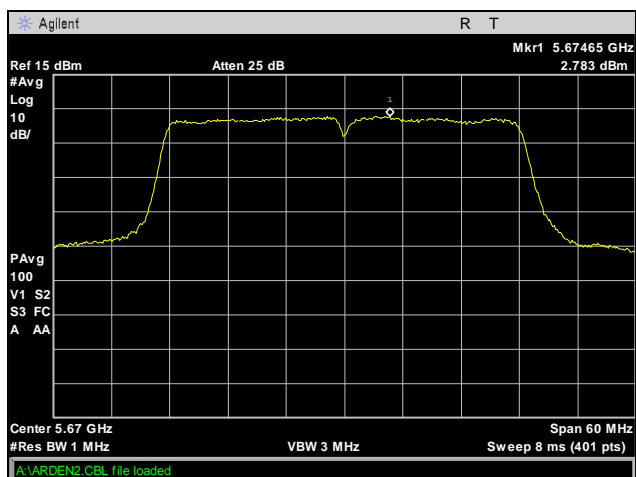**Plot 631. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 2, Radio 0, 4x8**

Plot 632. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 2, Radio 0, 4x8
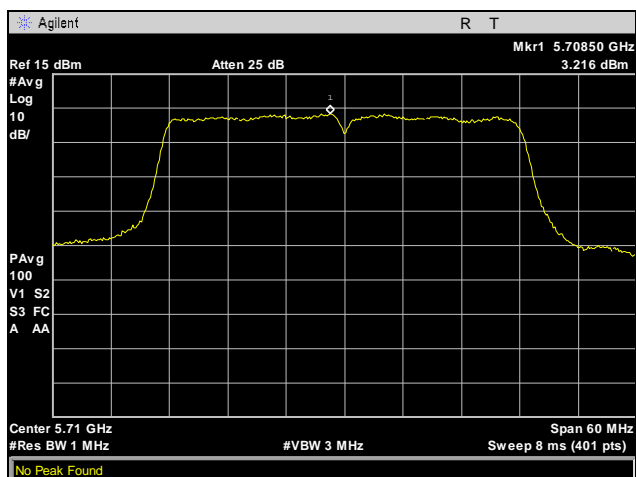

Plot 633. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 2, Radio 0, 4x8

Plot 634. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 2, Radio 0, 4x8
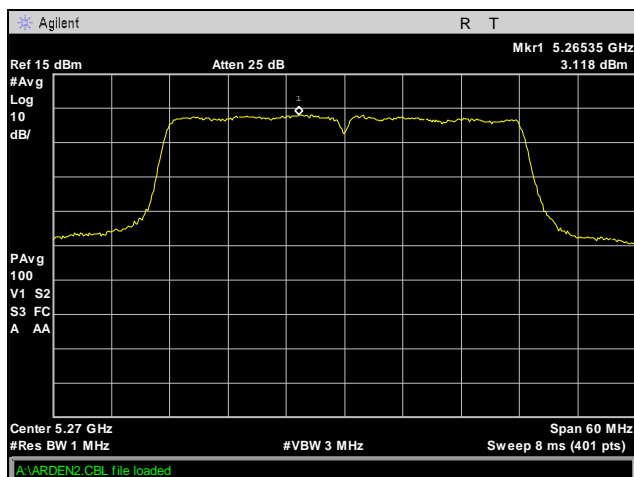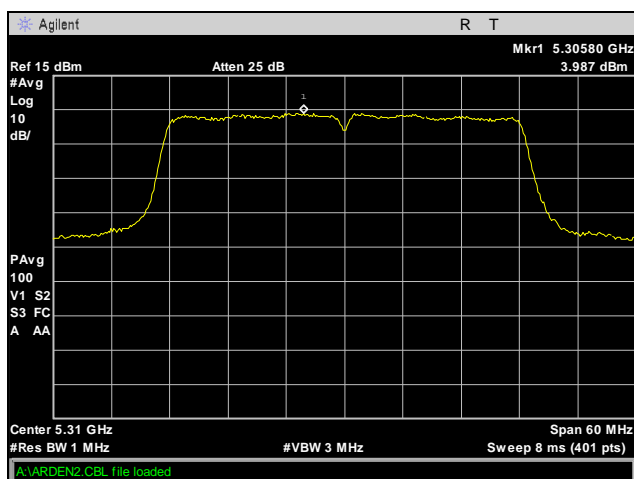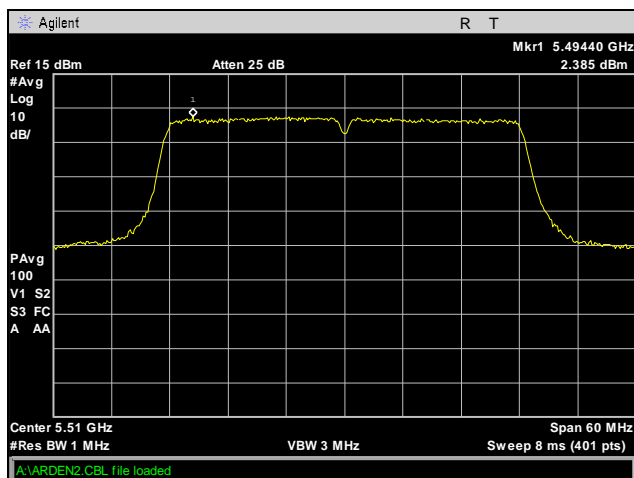
Power Spectral Density, 802.11ac 80 MHz, Port 3, Radio 0, 4x8

Plot 635. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 3, Radio 0, 4x8

Plot 636. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 3, Radio 0, 4x8

Plot 637. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 3, Radio 0, 4x8

Plot 638. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 3, Radio 0, 4x8

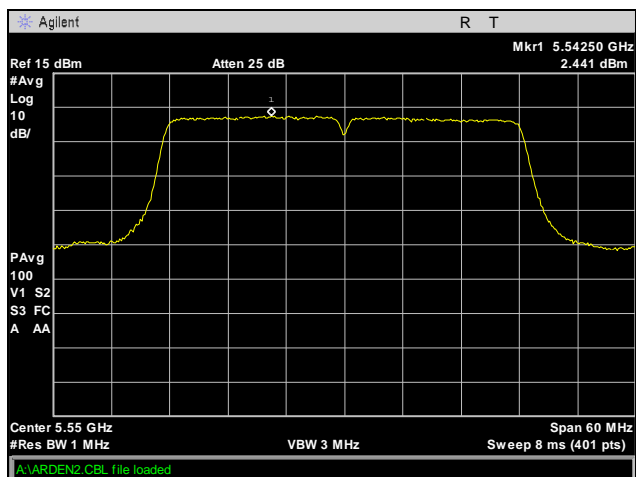## Power Spectral Density, 802.11ac 80 MHz, Port 4, Radio 0, 4x8

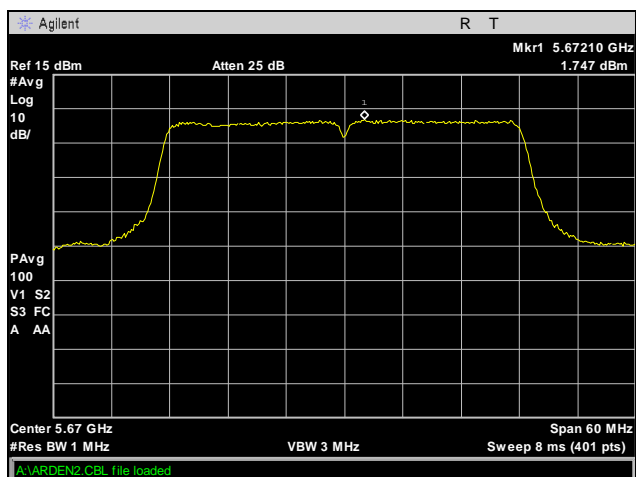**Plot 639. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 4, Radio 0, 4x8**

Plot 640. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 4, Radio 0, 4x8
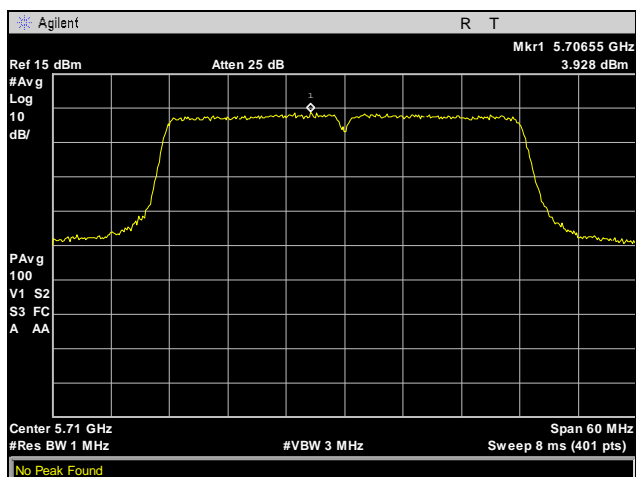

Plot 641. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 4, Radio 0, 4x8

Plot 642. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 4, Radio 0, 4x8
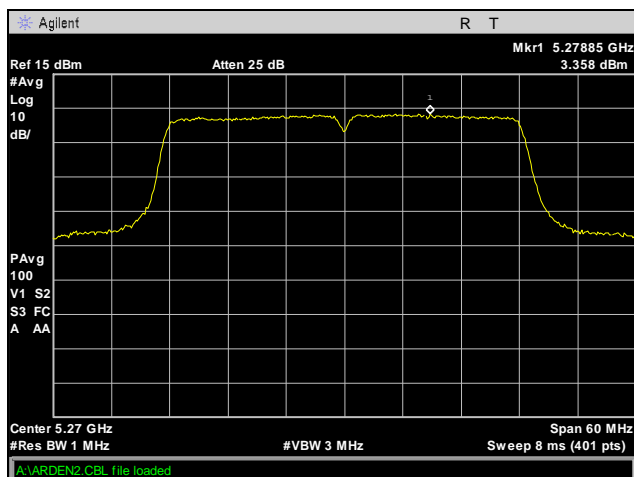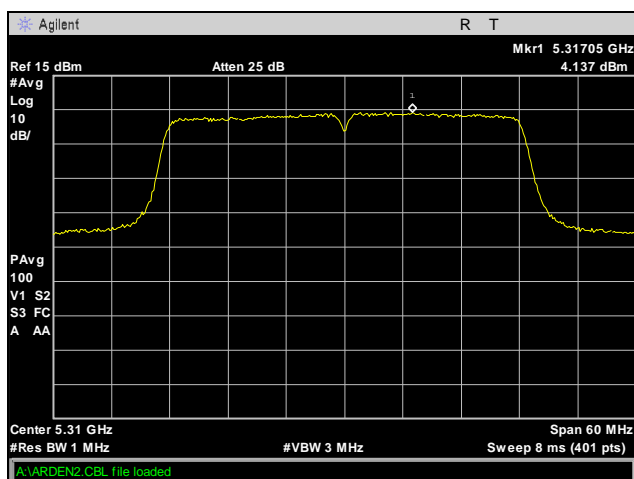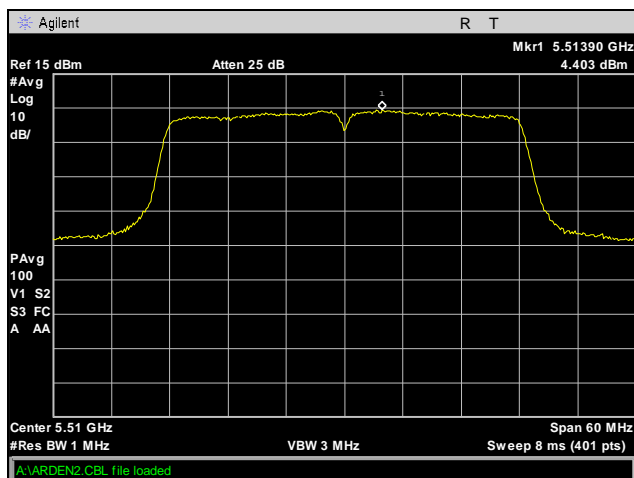
Power Spectral Density, 802.11ac 160 MHz, Port 1, Radio 0, 4x8

Plot 643. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 1, Radio 0, 4x8

Plot 644. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 1, Radio 0, 4x8

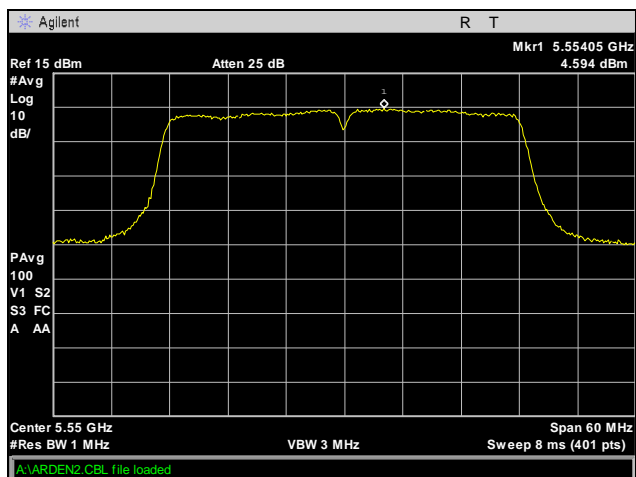## Power Spectral Density, 802.11ac 160 MHz, Port 2, Radio 0, 4x8

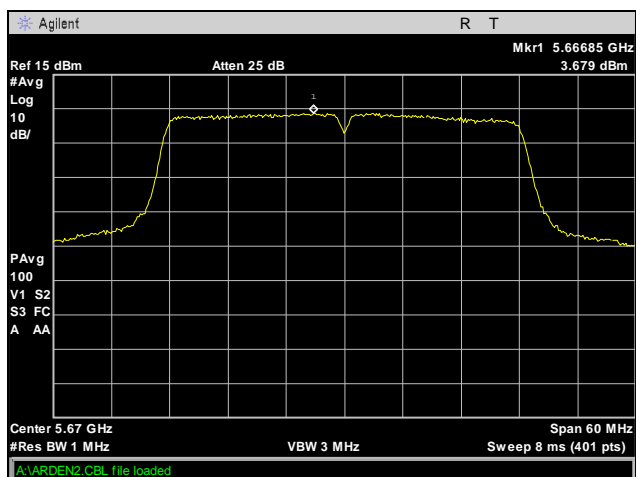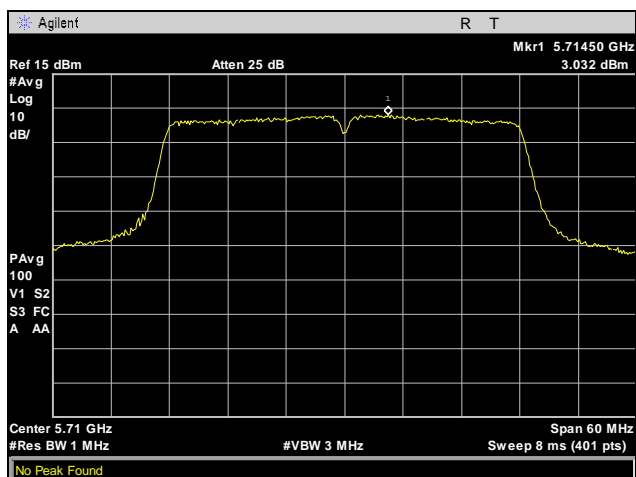**Plot 645. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 2, Radio 0, 4x8**

Plot 646. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 2, Radio 0, 4x8

Power Spectral Density, 802.11ac 160 MHz, Port 3, Radio 0, 4x8

Plot 647. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 3, Radio 0, 4x8

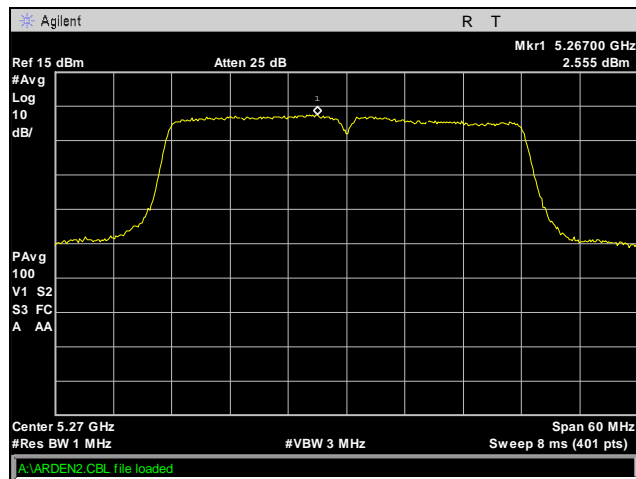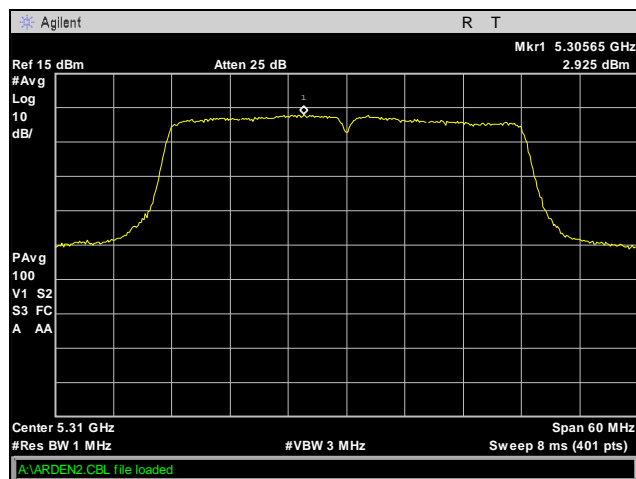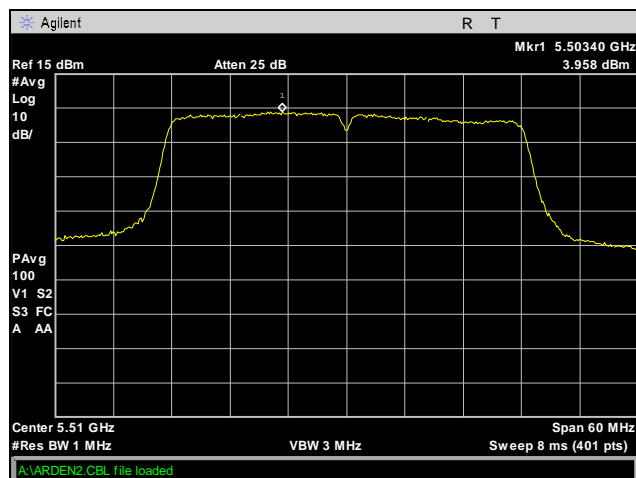**Plot 648. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 3, Radio 0, 4x8**

Power Spectral Density, 802.11ac 160 MHz, Port 4, Radio 0, 4x8

Plot 649. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 4, Radio 0, 4x8

Plot 650. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 4, Radio 0, 4x8

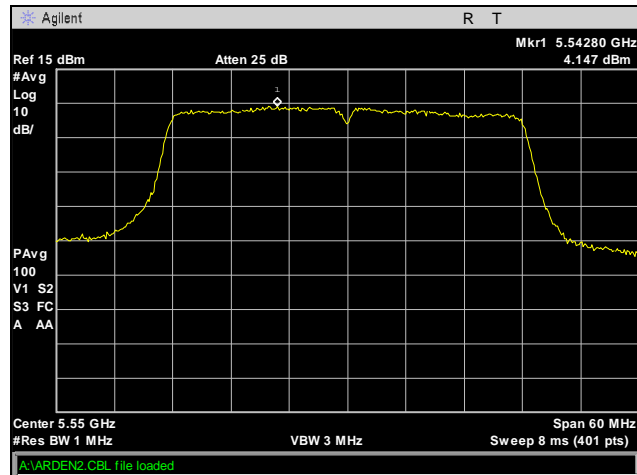## Power Spectral Density, 802.11n 20 MHz, Port 1, Radio 0, 4x8

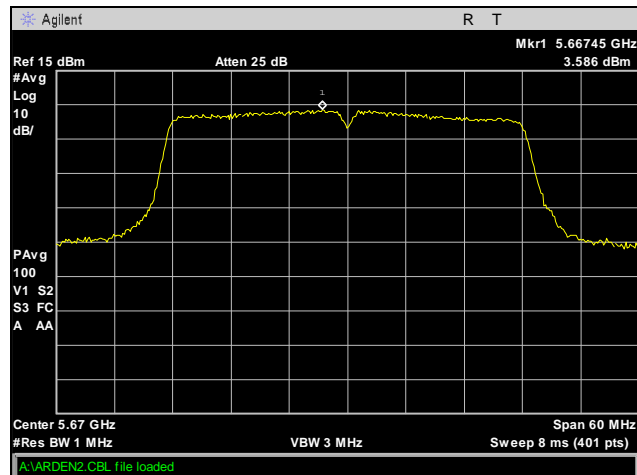**Plot 651. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 1, Radio 0, 4x8**

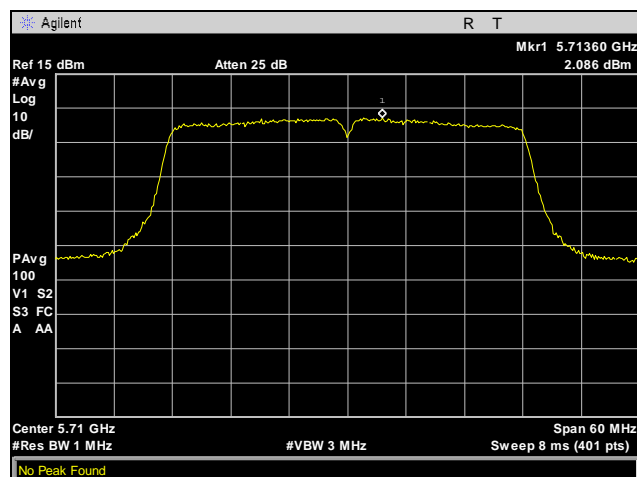**Plot 652. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 1, Radio 0, 4x8**

Plot 653. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 1, Radio 0, 4x8

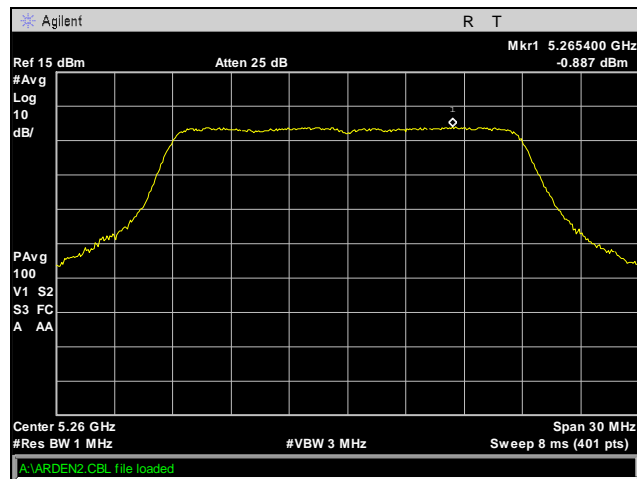**Plot 654. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 1, Radio 0, 4x8**

Plot 655. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 1, Radio 0, 4x8

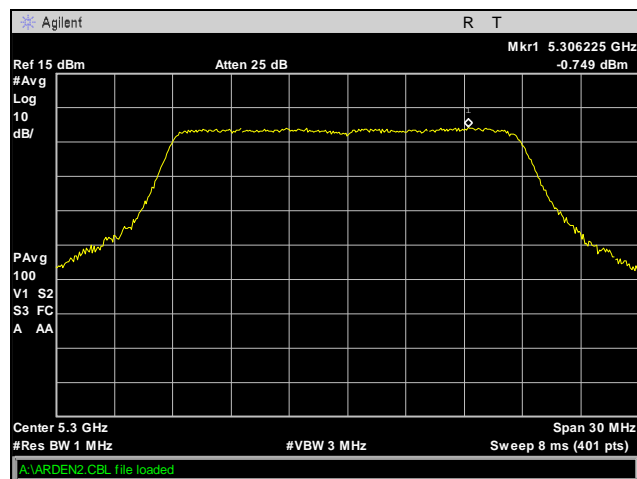**Plot 656. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 1, Radio 0, 4x8**

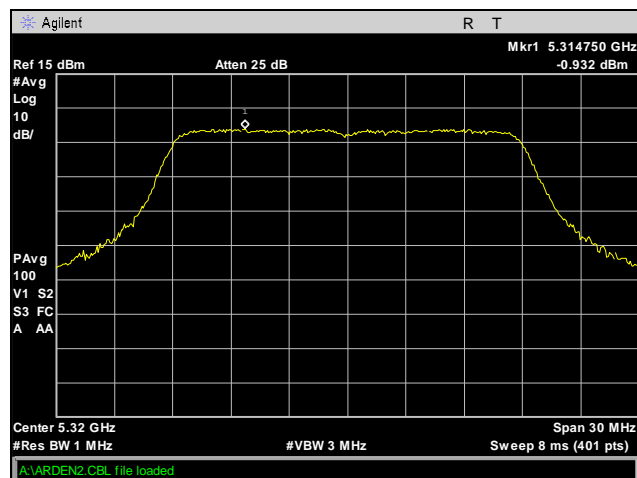**Plot 657. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 1, Radio 0, 4x8**

Plot 658. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 1, Radio 0, 4x8

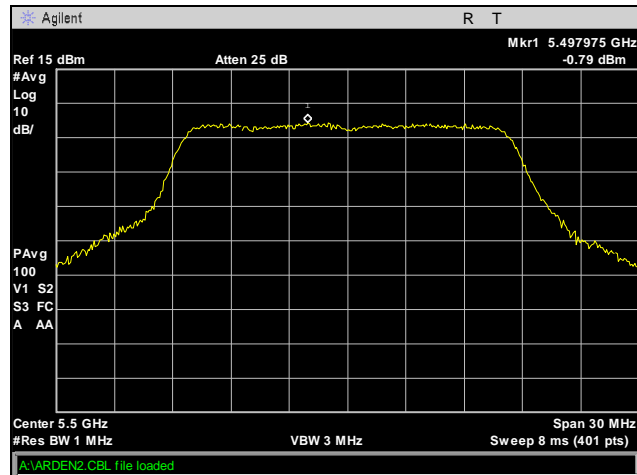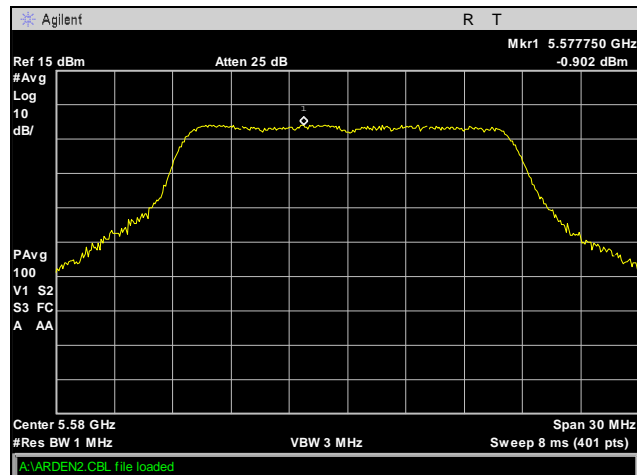## Power Spectral Density, 802.11n 20 MHz, Port 2, Radio 0, 4x8

Plot 659. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 2, Radio 0, 4x8

Plot 660. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 2, Radio 0, 4x8

Plot 661. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 2, Radio 0, 4x8

Plot 662. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 2, Radio 0, 4x8

Plot 663. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 2, Radio 0, 4x8

Plot 664. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 2, Radio 0, 4x8

Plot 665. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 2, Radio 0, 4x8

Plot 666. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 2, Radio 0, 4x8

Power Spectral Density, 802.11n 20 MHz, Port 3, Radio 0, 4x8

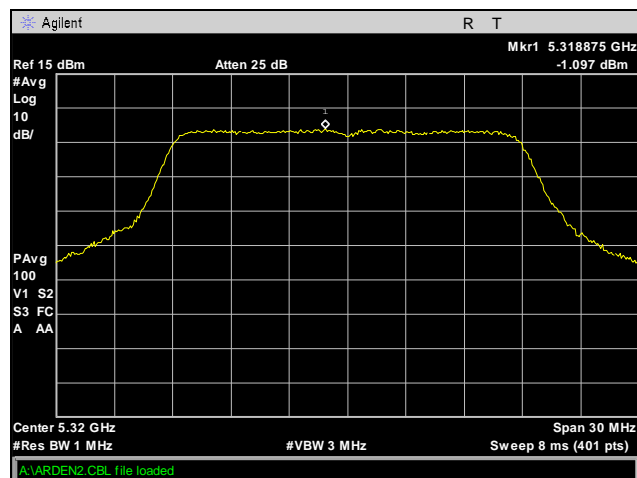**Plot 667. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 3, Radio 0, 4x8**

Plot 668. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 3, Radio 0, 4x8

Plot 669. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 3, Radio 0, 4x8

Plot 670. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 3, Radio 0, 4x8

Plot 671. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 3, Radio 0, 4x8

Plot 672. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 3, Radio 0, 4x8

MET®
ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
CFR Title 47, Part 15, Subpart E

Plot 673. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 3, Radio 0, 4x8

Plot 674. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 3, Radio 0, 4x8

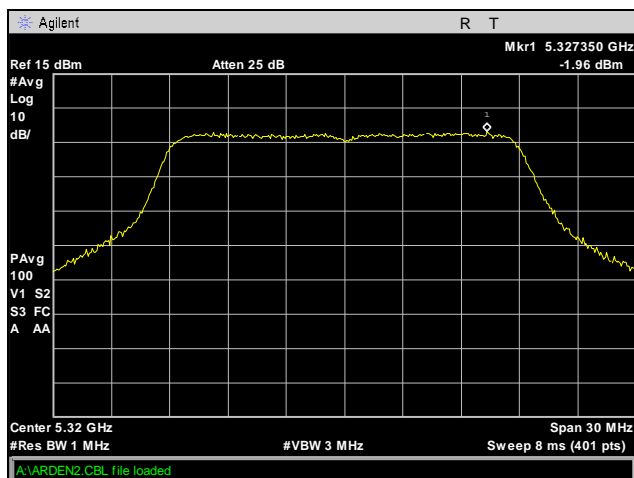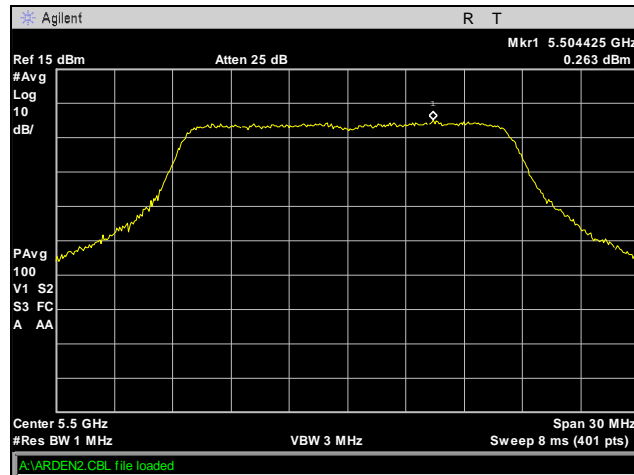## Power Spectral Density, 802.11n 20 MHz, Port 4, Radio 0, 4x8

Plot 675. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 4, Radio 0, 4x8

Plot 676. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 4, Radio 0, 4x8

Plot 677. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 4, Radio 0, 4x8

Plot 678. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 4, Radio 0, 4x8

Plot 679. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 4, Radio 0, 4x8

Plot 680. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 4, Radio 0, 4x8

Plot 681. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 4, Radio 0, 4x8

Plot 682. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 4, Radio 0, 4x8

Power Spectral Density, 802.11n 40 MHz, Port 1, Radio 0, 4x8

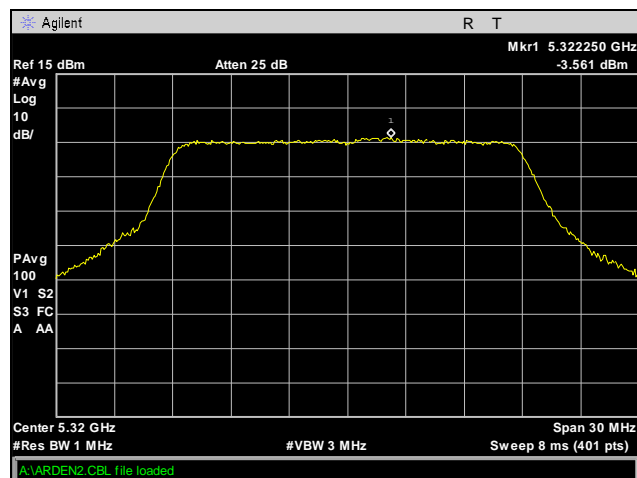**Plot 683. Power Spectral Density, 802.11n 40 MHz, 5270 MHz, Port 1, Radio 0, 4x8**

Plot 684. Power Spectral Density, 802.11n 40 MHz, 5310 MHz, Port 1, Radio 0, 4x8

Plot 685. Power Spectral Density, 802.11n 40 MHz, 5510 MHz, Port 1, Radio 0, 4x8

Plot 686. Power Spectral Density, 802.11n 40 MHz, 5550 MHz, Port 1, Radio 0, 4x8

Plot 687. Power Spectral Density, 802.11n 40 MHz, 5670 MHz, Port 1, Radio 0, 4x8

Plot 688. Power Spectral Density, 802.11n 40 MHz, 5710 MHz, Port 1, Radio 0, 4x8

Power Spectral Density, 802.11n 40 MHz, Port 2, Radio 0, 4x8

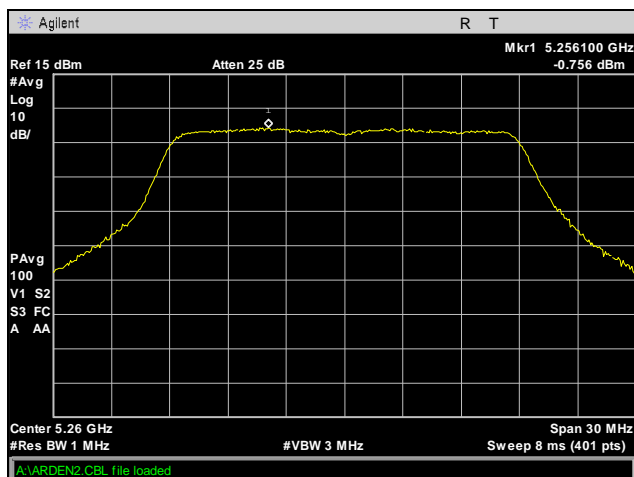**Plot 689. Power Spectral Density, 802.11n 40 MHz, 5270 MHz, Port 2, Radio 0, 4x8**

Plot 690. Power Spectral Density, 802.11n 40 MHz, 5310 MHz, Port 2, Radio 0, 4x8

Plot 691. Power Spectral Density, 802.11n 40 MHz, 5510 MHz, Port 2, Radio 0, 4x8

Plot 692. Power Spectral Density, 802.11n 40 MHz, 5550 MHz, Port 2, Radio 0, 4x8

Plot 693. Power Spectral Density, 802.11n 40 MHz, 5670 MHz, Port 2, Radio 0, 4x8

Plot 694. Power Spectral Density, 802.11n 40 MHz, 5710 MHz, Port 2, Radio 0, 4x8

Power Spectral Density, 802.11n 40 MHz, Port 3, Radio 0, 4x8

Plot 695. Power Spectral Density, 802.11n 40 MHz, 5270 MHz, Port 3, Radio 0, 4x8

Plot 696. Power Spectral Density, 802.11n 40 MHz, 5310 MHz, Port 3, Radio 0, 4x8

Plot 697. Power Spectral Density, 802.11n 40 MHz, 5510 MHz, Port 3, Radio 0, 4x8

Plot 698. Power Spectral Density, 802.11n 40 MHz, 5550 MHz, Port 3, Radio 0, 4x8

Plot 699. Power Spectral Density, 802.11n 40 MHz, 5670 MHz, Port 3, Radio 0, 4x8

Plot 700. Power Spectral Density, 802.11n 40 MHz, 5710 MHz, Port 3, Radio 0, 4x8

Power Spectral Density, 802.11n 40 MHz, Port 4, Radio 0, 4x8

Plot 701. Power Spectral Density, 802.11n 40 MHz, 5270 MHz, Port 4, Radio 0, 4x8

Plot 702. Power Spectral Density, 802.11n 40 MHz, 5310 MHz, Port 4, Radio 0, 4x8

Plot 703. Power Spectral Density, 802.11n 40 MHz, 5510 MHz, Port 4, Radio 0, 4x8

Plot 704. Power Spectral Density, 802.11n 40 MHz, 5550 MHz, Port 4, Radio 0, 4x8

Plot 705. Power Spectral Density, 802.11n 40 MHz, 5670 MHz, Port 4, Radio 0, 4x8

Plot 706. Power Spectral Density, 802.11n 40 MHz, 5710 MHz, Port 4, Radio 0, 4x8
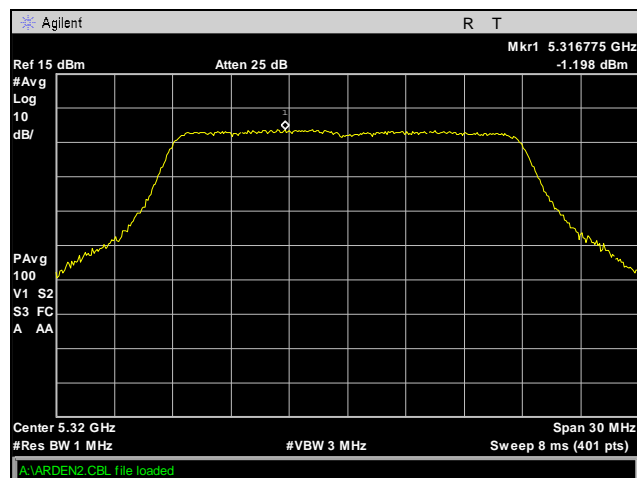
Power Spectral Density, 802.11a, Port 1, Radio 0, 8x8

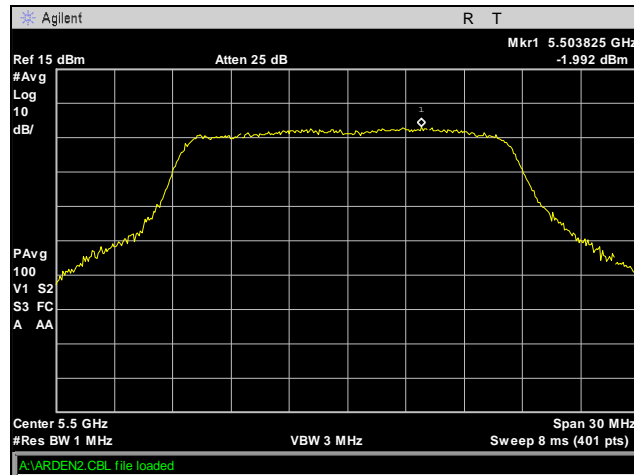**Plot 707. Power Spectral Density, 802.11a, 5260 MHz, Port 1, Radio 0, 8x8**

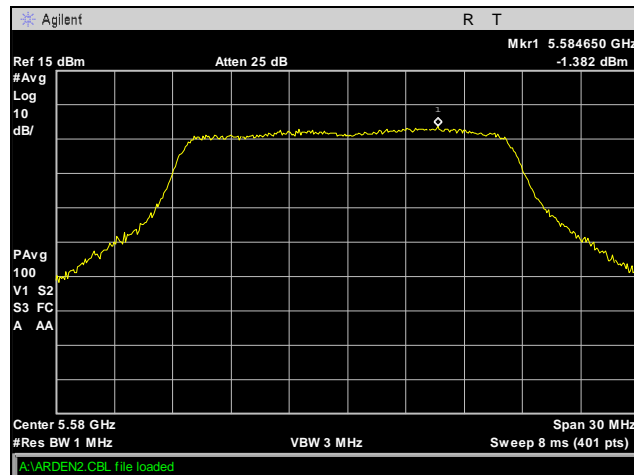**Plot 708. Power Spectral Density, 802.11a, 5300 MHz, Port 1, Radio 0, 8x8**

Plot 709. Power Spectral Density, 802.11a, 5320 MHz, Port 1, Radio 0, 8x8
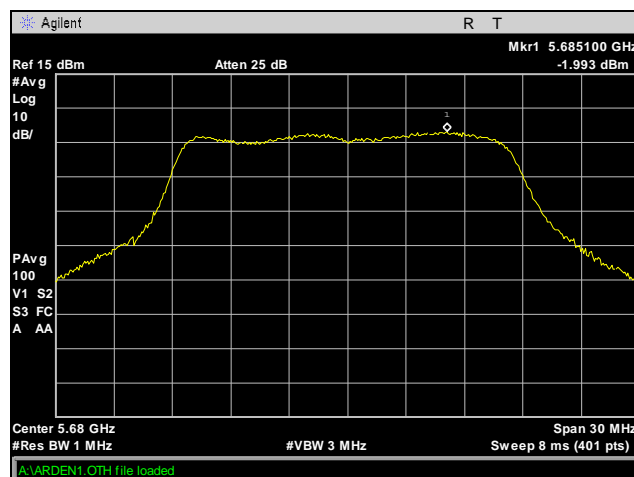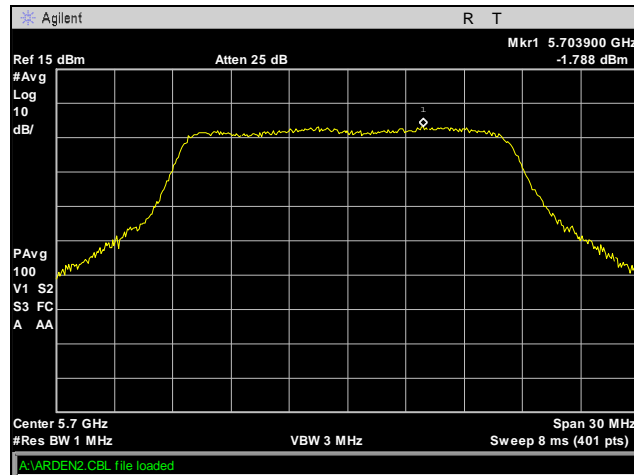
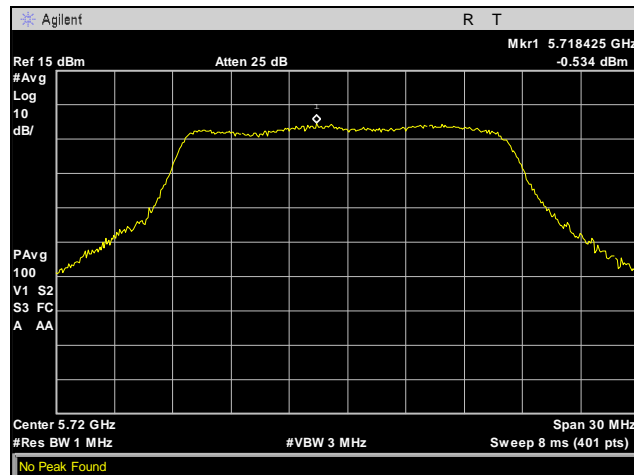**Plot 710. Power Spectral Density, 802.11a, 5500 MHz, Port 1, Radio 0, 8x8**

Plot 711. Power Spectral Density, 802.11a, 5580 MHz, Port 1, Radio 0, 8x8
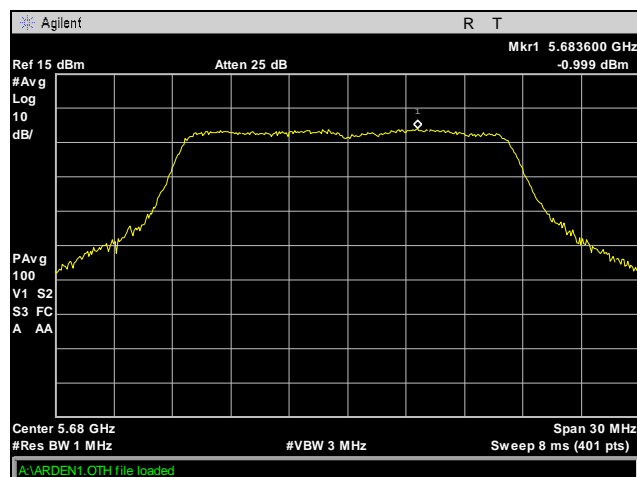
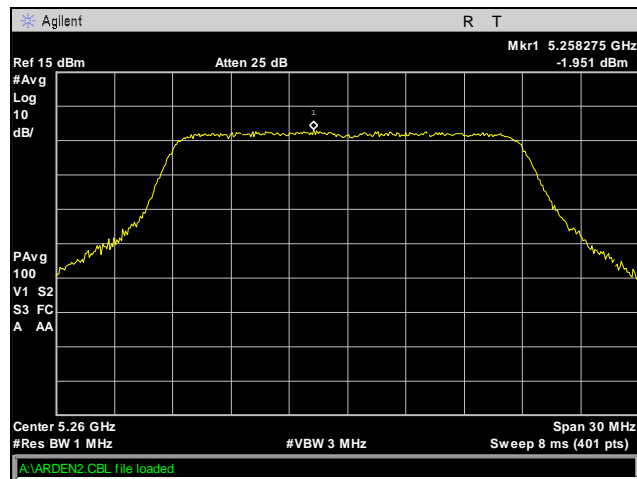**Plot 712. Power Spectral Density, 802.11a, 5680 MHz, Port 1, Radio 0, 8x8**
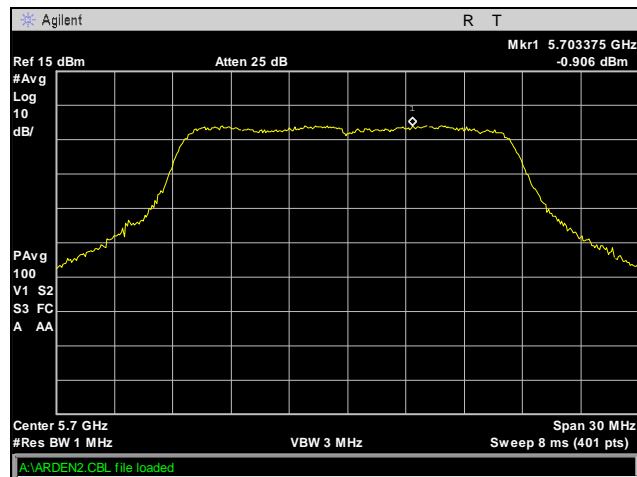
Plot 713. Power Spectral Density, 802.11a, 5700 MHz, Port 1, Radio 0, 8x8
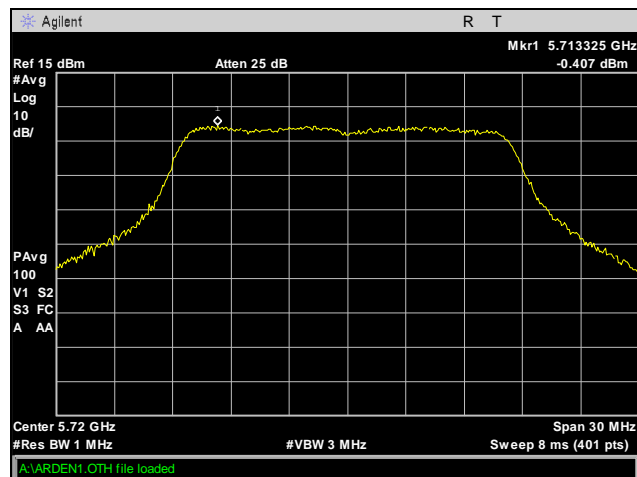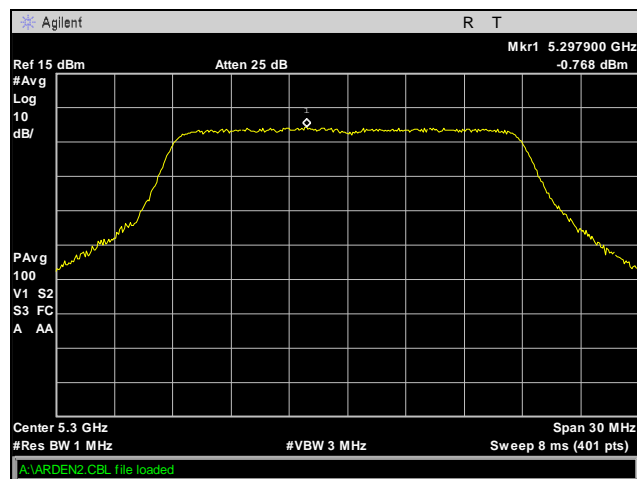

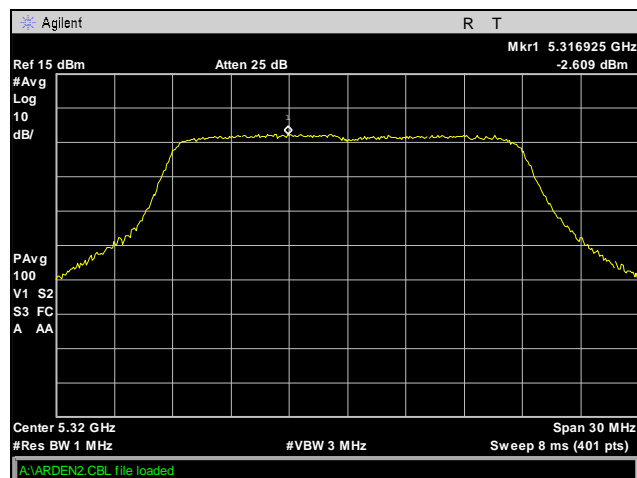**Plot 714. Power Spectral Density, 802.11a, 5720 MHz, Port 1, Radio 0, 8x8**

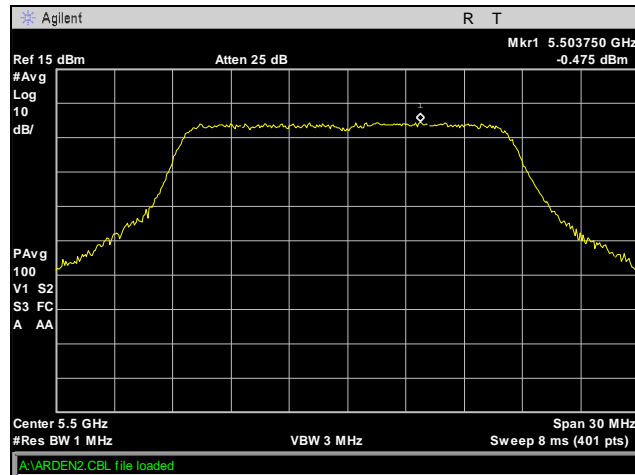## Power Spectral Density, 802.11a, Port 2, Radio 0, 8x8
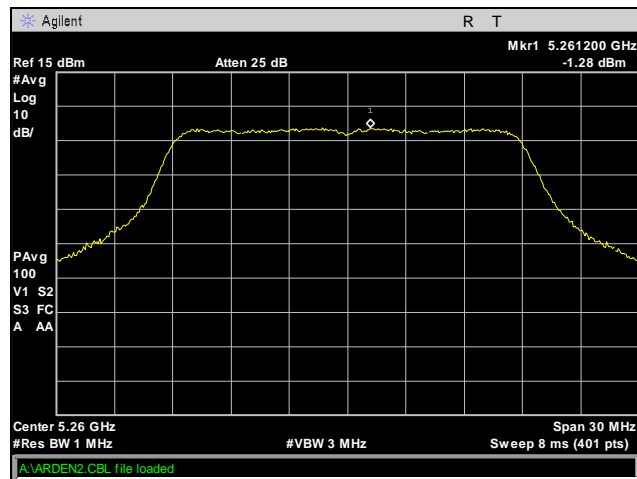
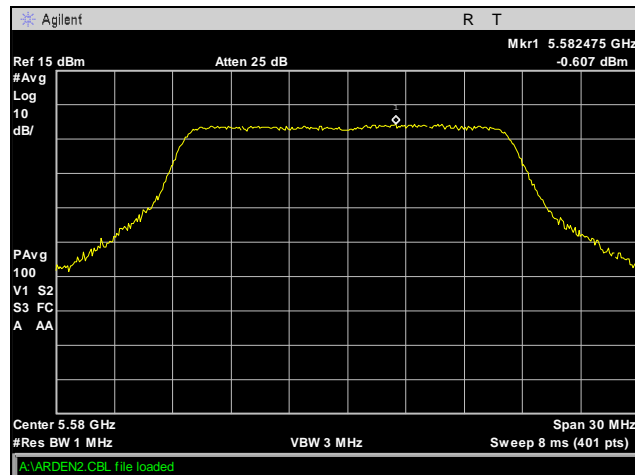**Plot 715. Power Spectral Density, 802.11a, 5260 MHz, Port 2, Radio 0, 8x8**
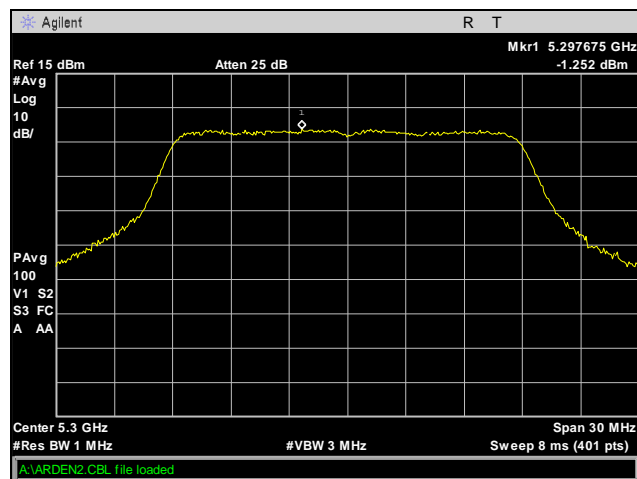
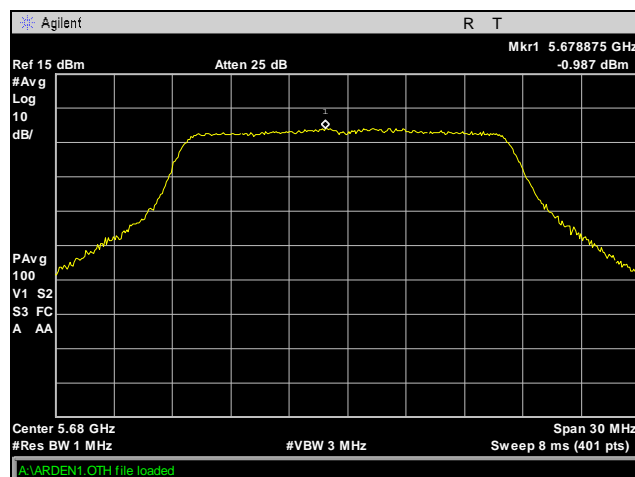**Plot 716. Power Spectral Density, 802.11a, 5300 MHz, Port 2, Radio 0, 8x8**

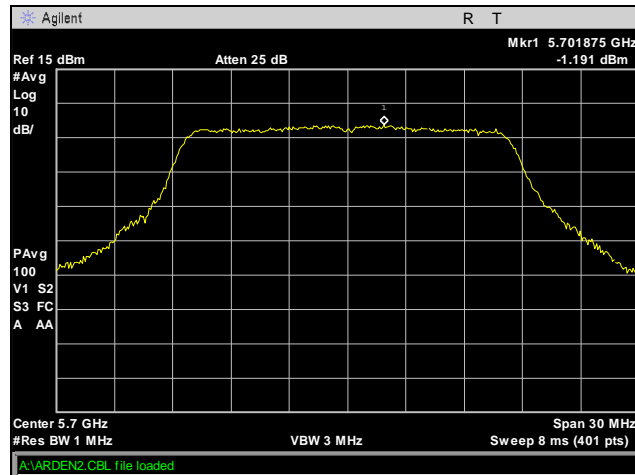**Plot 717. Power Spectral Density, 802.11a, 5320 MHz, Port 2, Radio 0, 8x8**
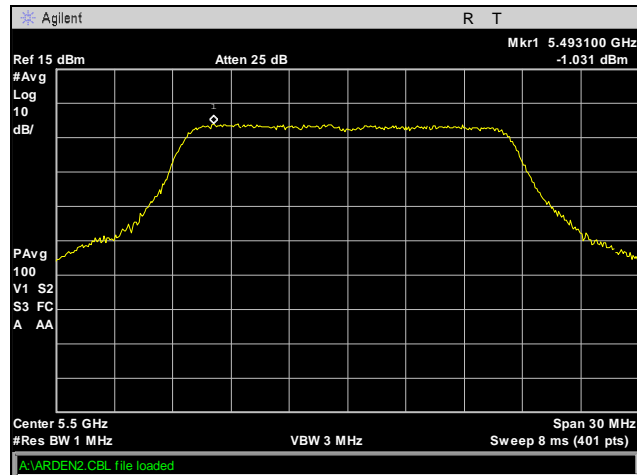
Plot 718. Power Spectral Density, 802.11a, 5500 MHz, Port 2, Radio 0, 8x8
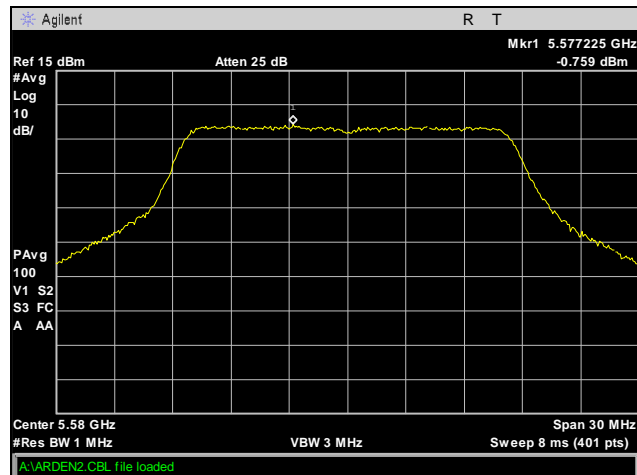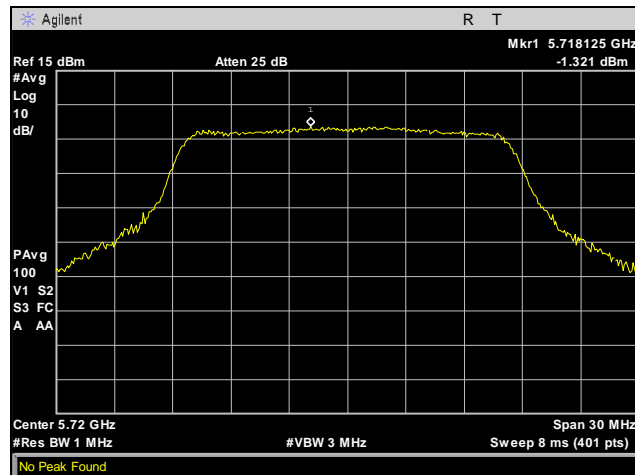

Plot 719. Power Spectral Density, 802.11a, 5580 MHz, Port 2, Radio 0, 8x8
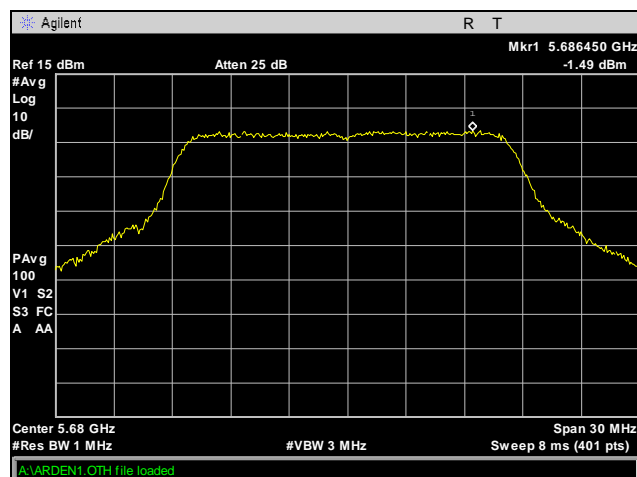
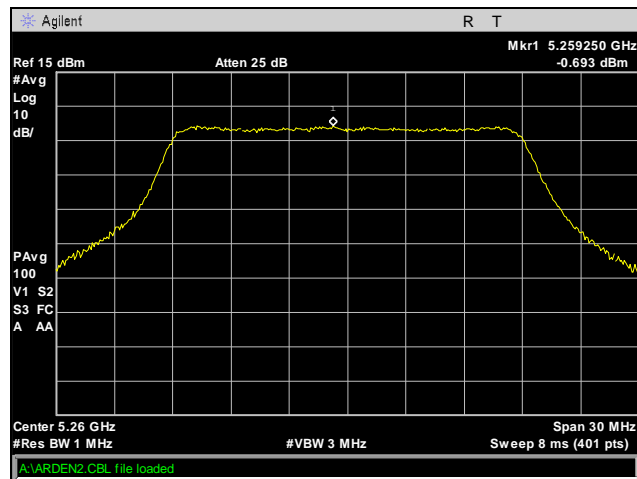**Plot 720. Power Spectral Density, 802.11a, 5680 MHz, Port 2, Radio 0, 8x8**
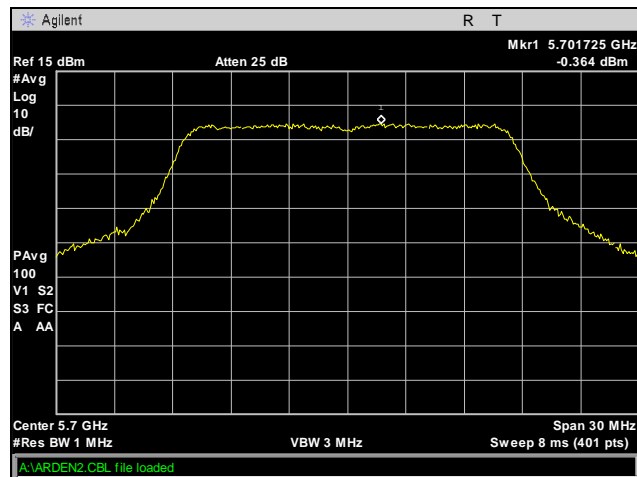
Plot 721. Power Spectral Density, 802.11a, 5700 MHz, Port 2, Radio 0, 8x8
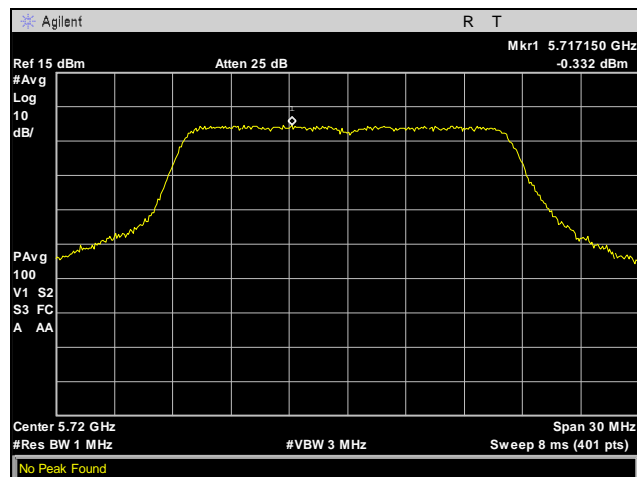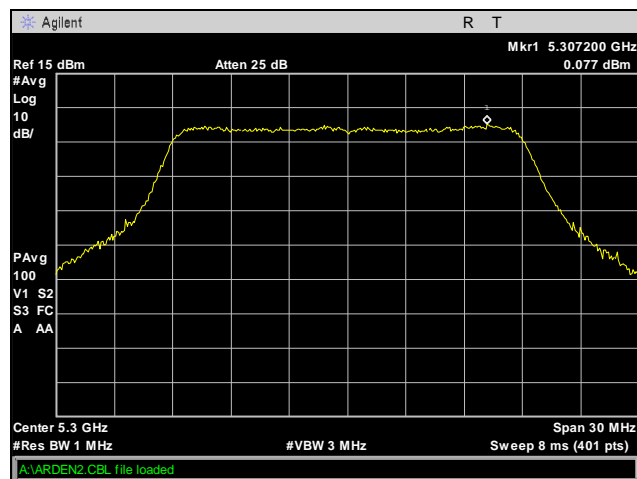

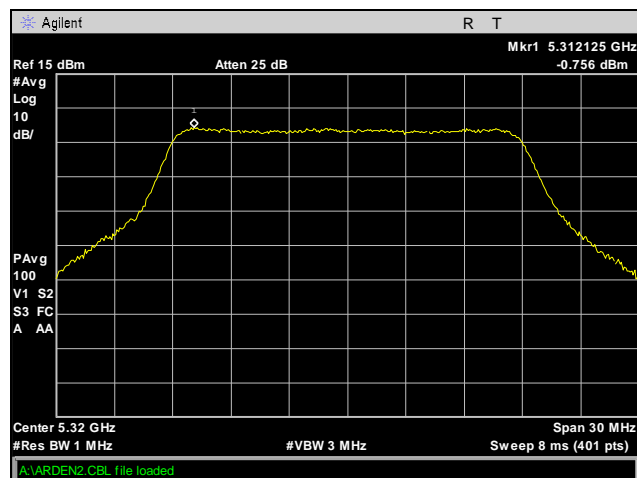**Plot 722. Power Spectral Density, 802.11a, 5720 MHz, Port 2, Radio 0, 8x8**

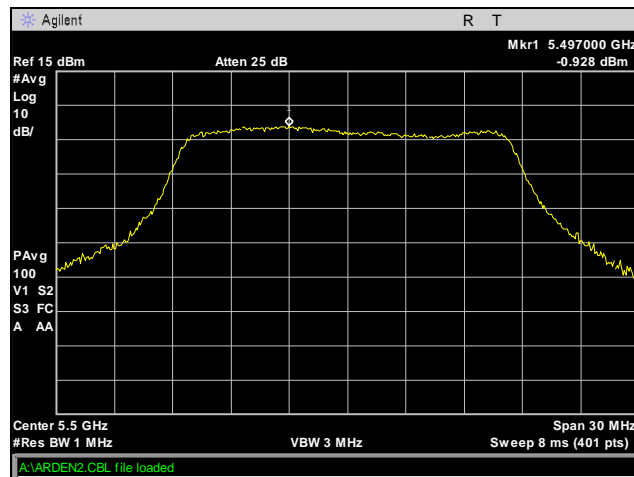## Power Spectral Density, 802.11a, Port 3, Radio 0, 8x8
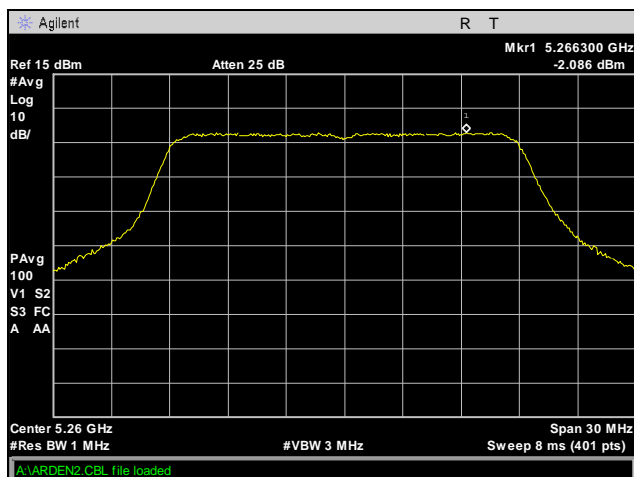
Plot 723. Power Spectral Density, 802.11a, 5260 MHz, Port 3, Radio 0, 8x8
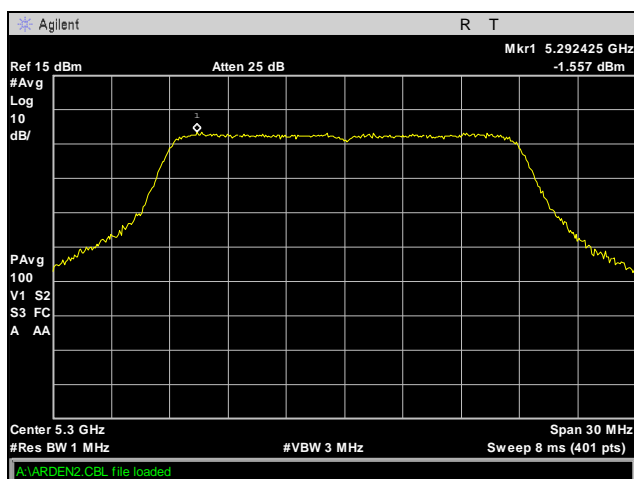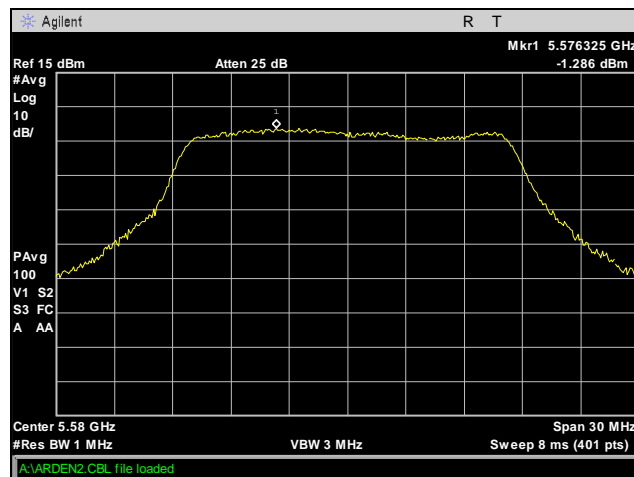

Plot 724. Power Spectral Density, 802.11a, 5300 MHz, Port 3, Radio 0, 8x8

Plot 725. Power Spectral Density, 802.11a, 5320 MHz, Port 3, Radio 0, 8x8

Plot 726. Power Spectral Density, 802.11a, 5500 MHz, Port 3, Radio 0, 8x8
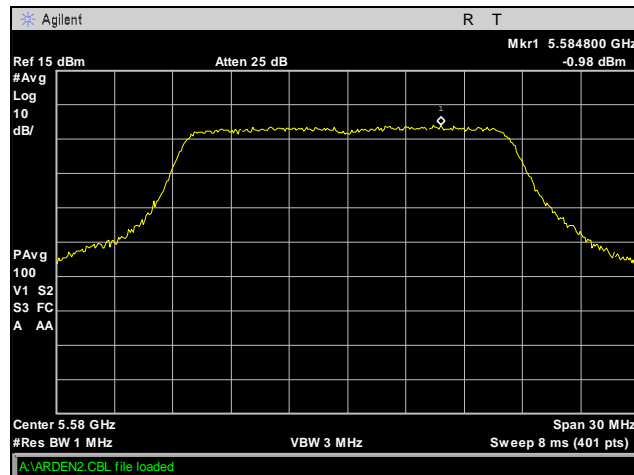
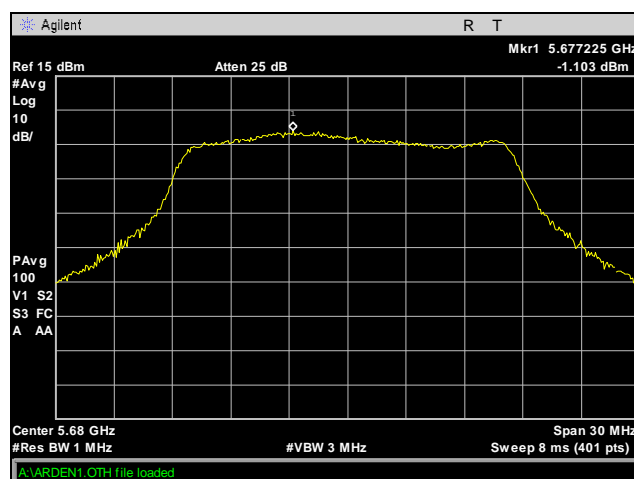**Plot 727. Power Spectral Density, 802.11a, 5580 MHz, Port 3, Radio 0, 8x8**

Plot 728. Power Spectral Density, 802.11a, 5680 MHz, Port 3, Radio 0, 8x8

ARRIS Group, Inc.
TG3482 (ER3)
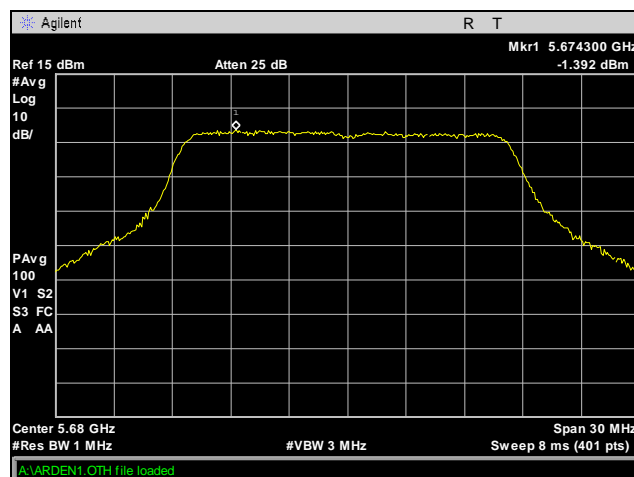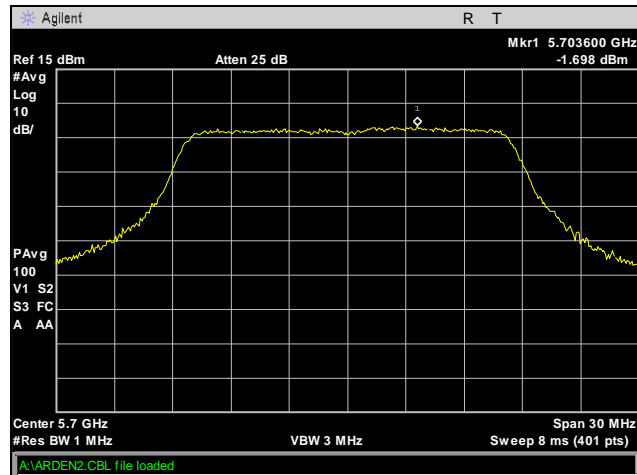
Plot 729. Power Spectral Density, 802.11a, 5700 MHz, Port 3, Radio 0, 8x8
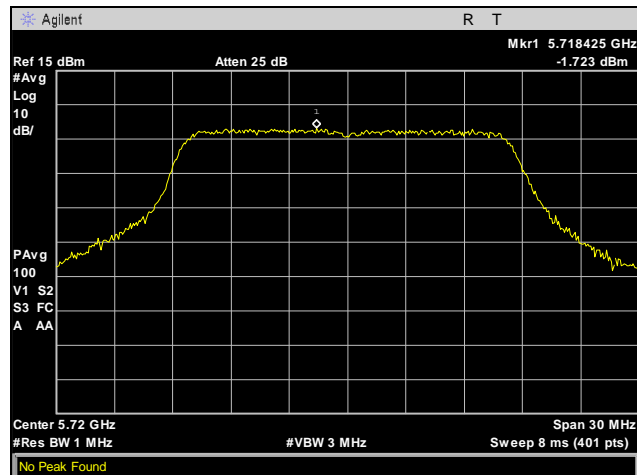
Plot 730. Power Spectral Density, 802.11a, 5720 MHz, Port 3, Radio 0, 8x8
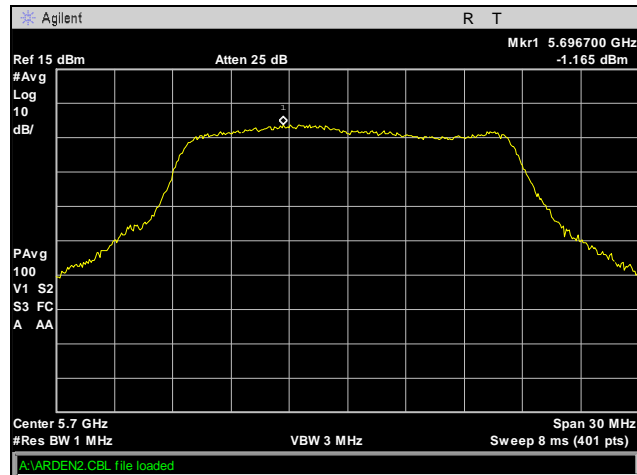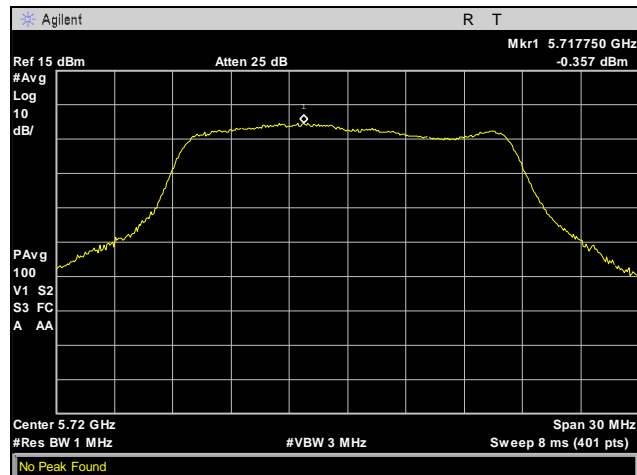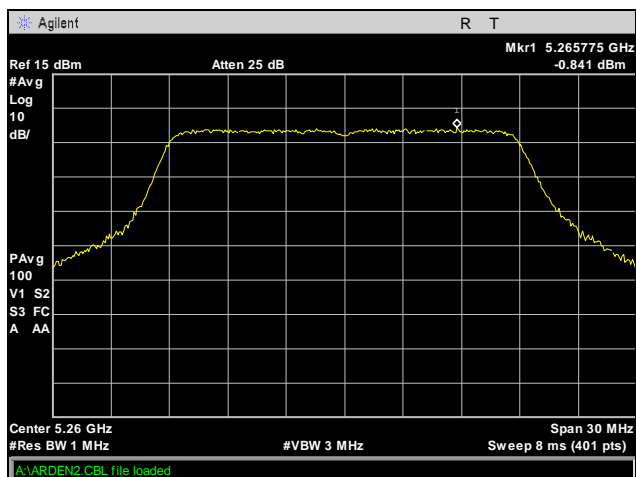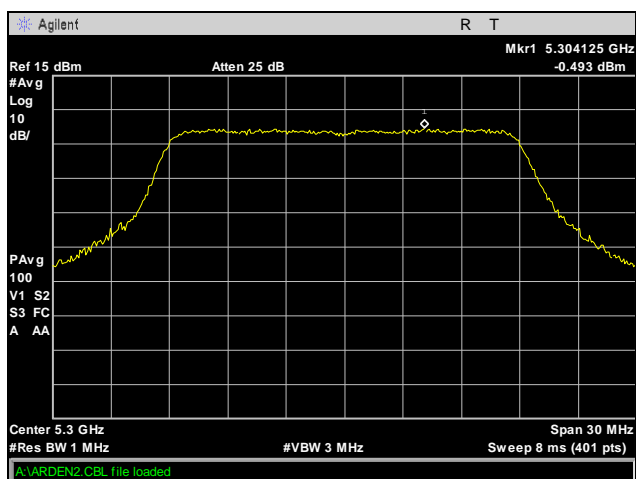
Power Spectral Density, 802.11a, Port 4, Radio 0, 8x8
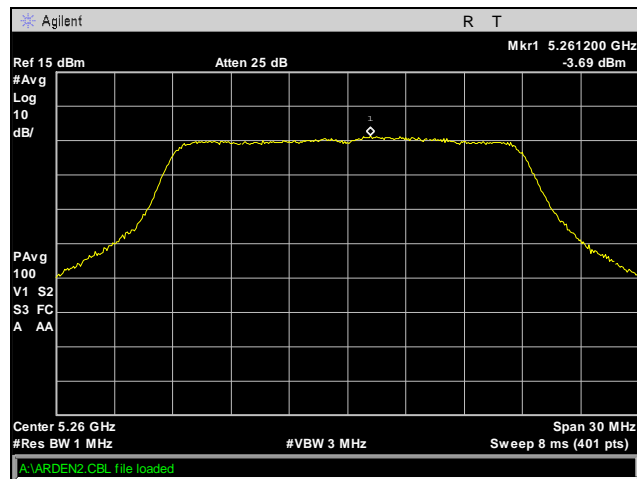
Plot 731. Power Spectral Density, 802.11a, 5260 MHz, Port 4, Radio 0, 8x8
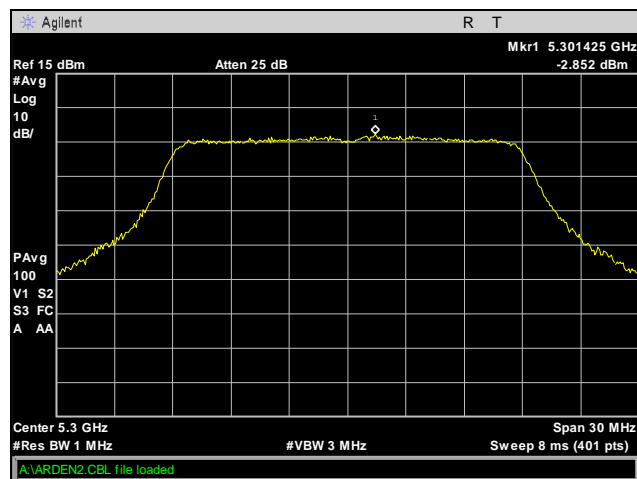
Plot 732. Power Spectral Density, 802.11a, 5300 MHz, Port 4, Radio 0, 8x8

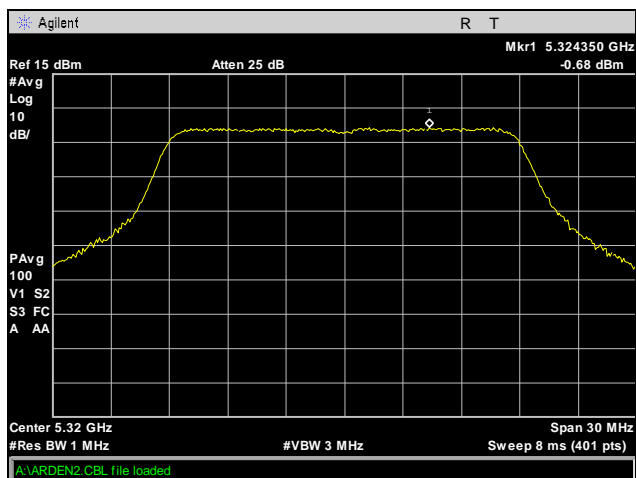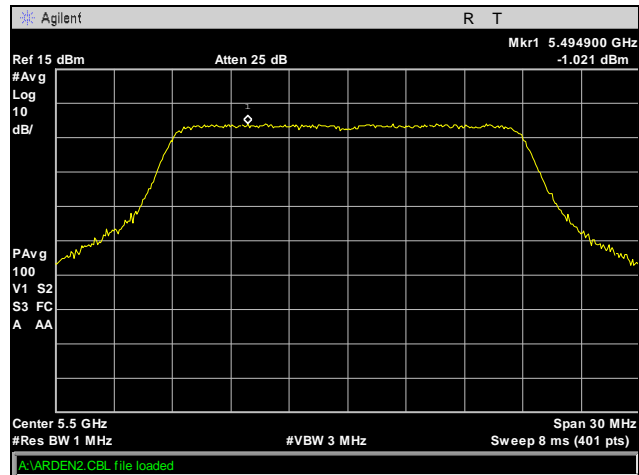**Plot 733. Power Spectral Density, 802.11a, 5320 MHz, Port 4, Radio 0, 8x8**
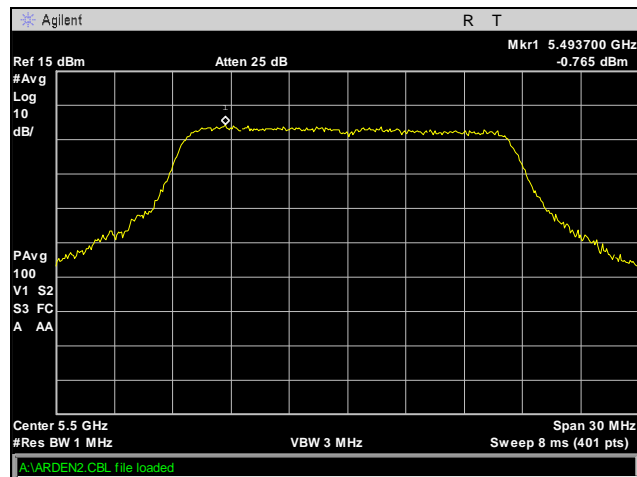
Plot 734. Power Spectral Density, 802.11a, 5500 MHz, Port 4, Radio 0, 8x8
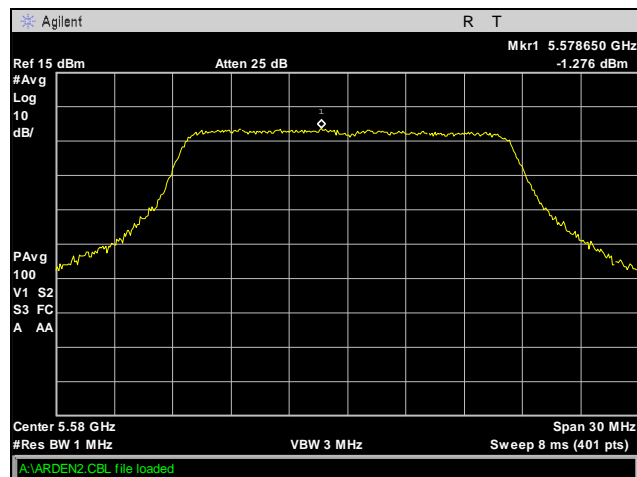
Plot 735. Power Spectral Density, 802.11a, 5580 MHz, Port 4, Radio 0, 8x8
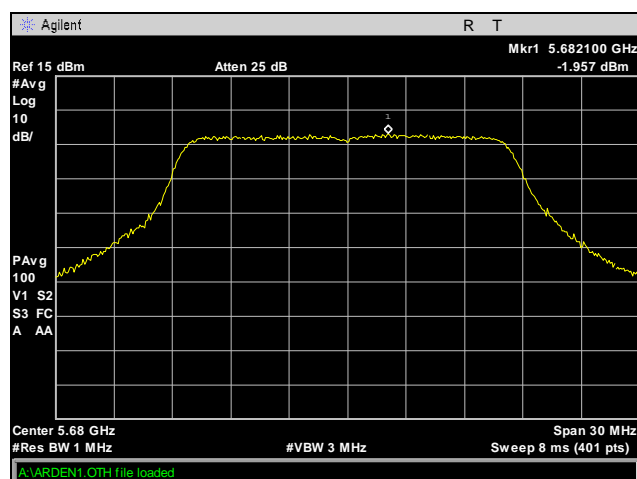
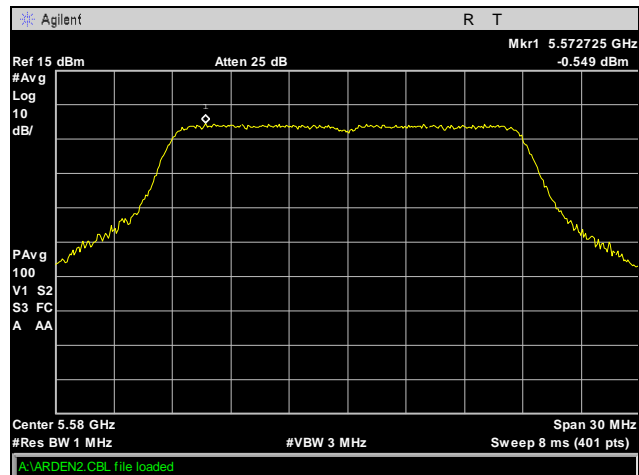**Plot 736. Power Spectral Density, 802.11a, 5680 MHz, Port 4, Radio 0, 8x8**
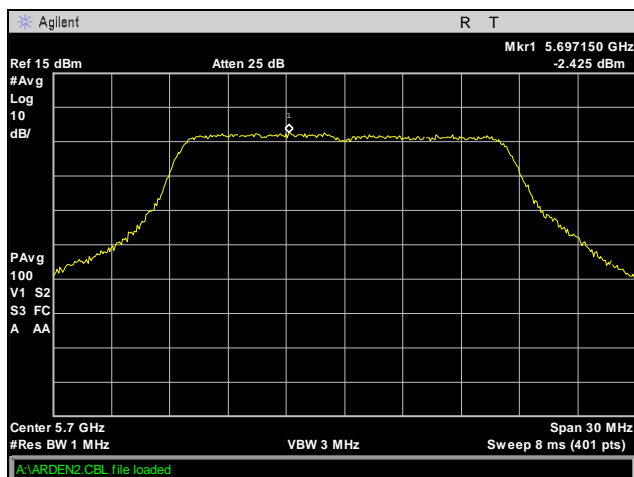
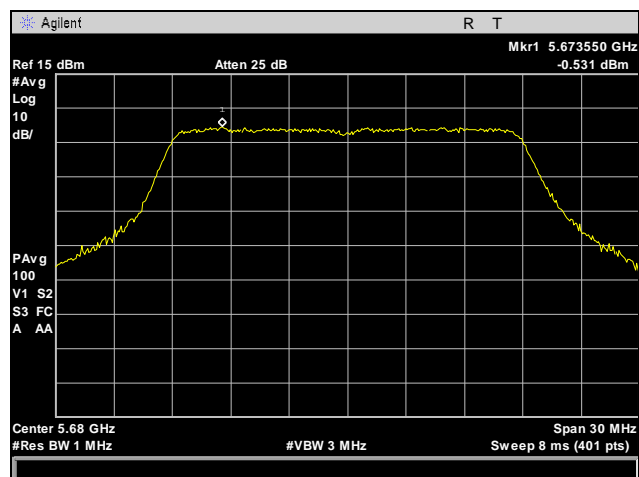**Plot 737. Power Spectral Density, 802.11a, 5700 MHz, Port 4, Radio 0, 8x8**
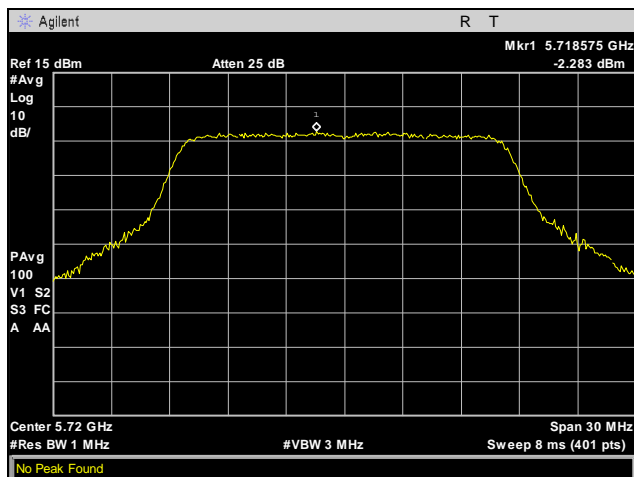
Plot 738. Power Spectral Density, 802.11a, 5720 MHz, Port 4, Radio 0, 8x8

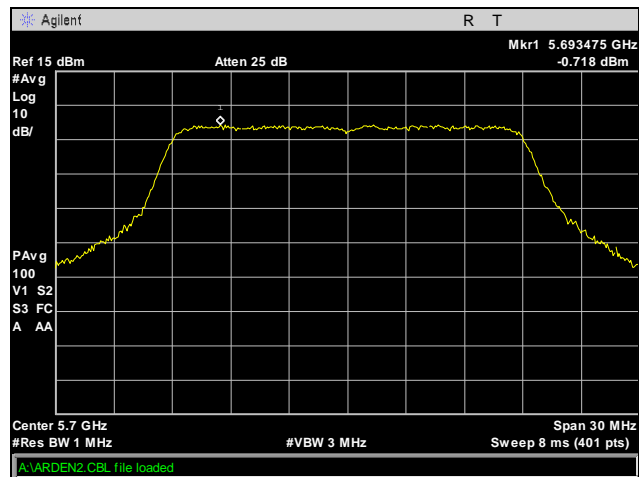## Power Spectral Density, 802.11a, Port 5, Radio 1, 8x8

Plot 739. Power Spectral Density, 802.11a, 5260 MHz, Port 5, Radio 1, 8x8
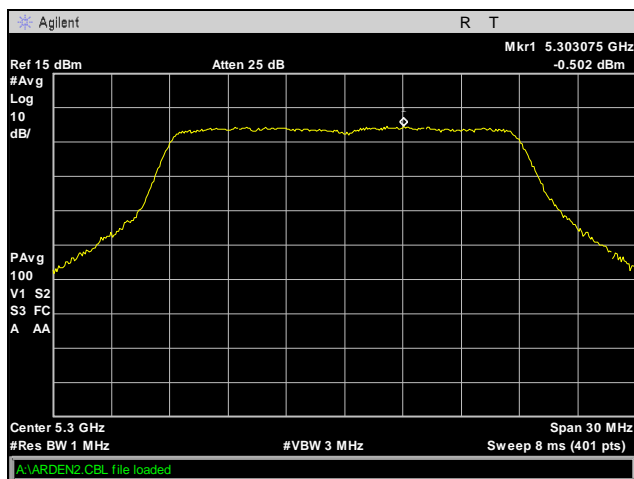
Plot 740. Power Spectral Density, 802.11a, 5300 MHz, Port 5, Radio 1, 8x8
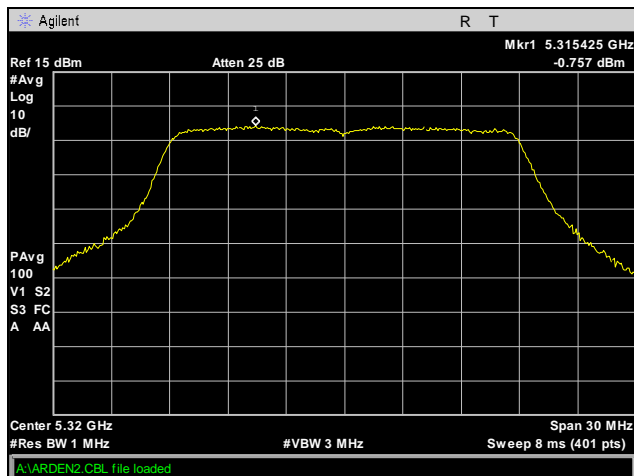
Plot 741. Power Spectral Density, 802.11a, 5320 MHz, Port 5, Radio 1, 8x8
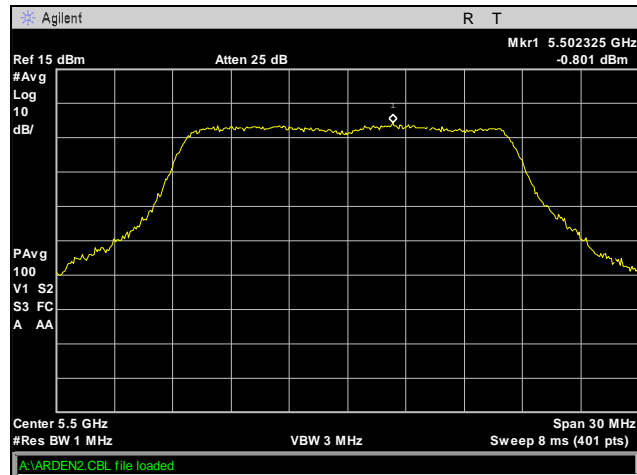
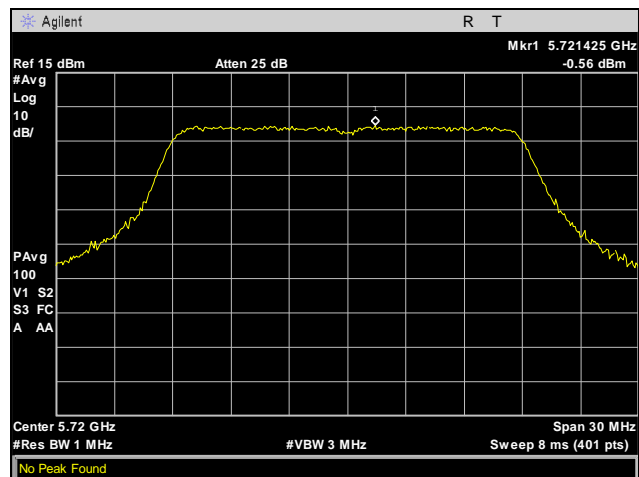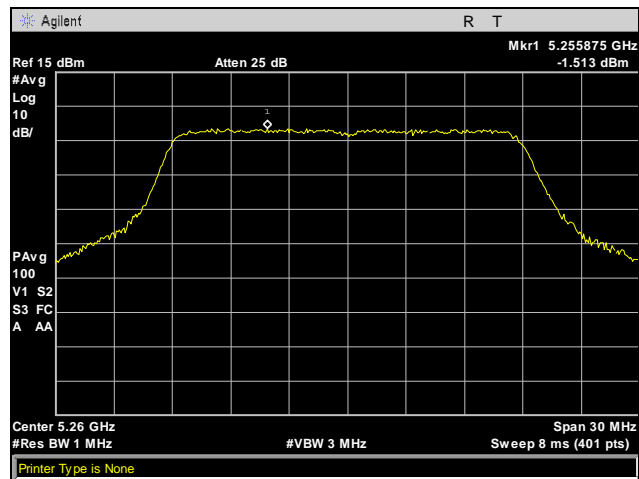**Plot 742. Power Spectral Density, 802.11a, 5500 MHz, Port 5, Radio 1, 8x8**
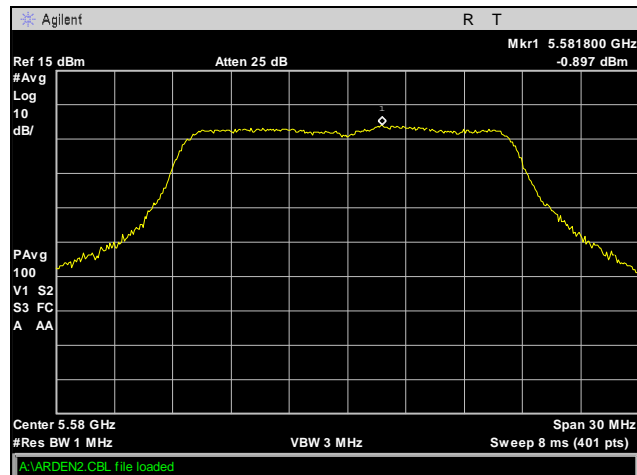
Plot 743. Power Spectral Density, 802.11a, 5580 MHz, Port 5, Radio 1, 8x8
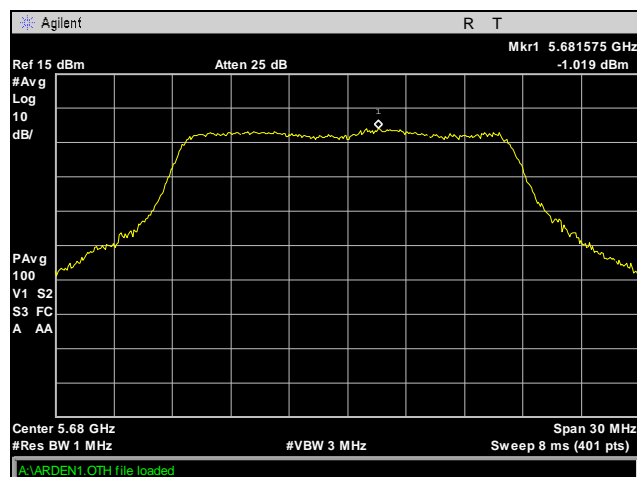
Plot 744. Power Spectral Density, 802.11a, 5680 MHz, Port 5, Radio 1, 8x8
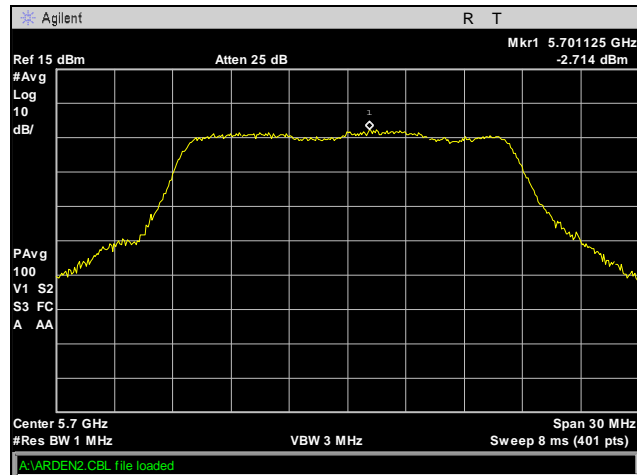
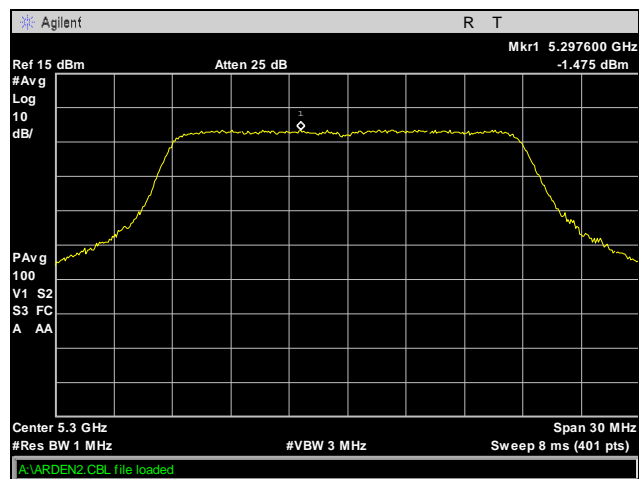**Plot 745. Power Spectral Density, 802.11a, 5700 MHz, Port 5, Radio 1, 8x8**
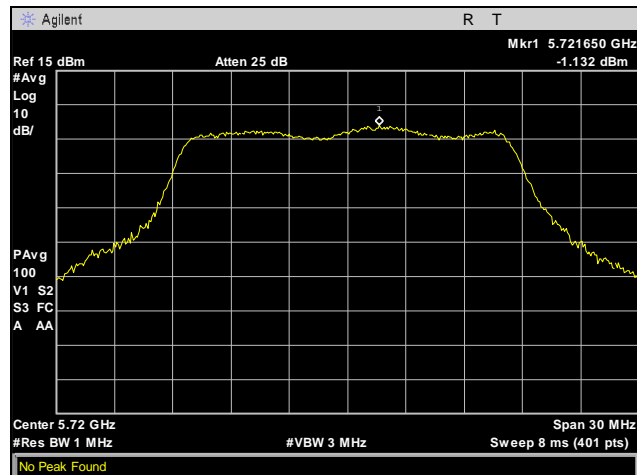
Plot 746. Power Spectral Density, 802.11a, 5720 MHz, Port 5, Radio 1, 8x8

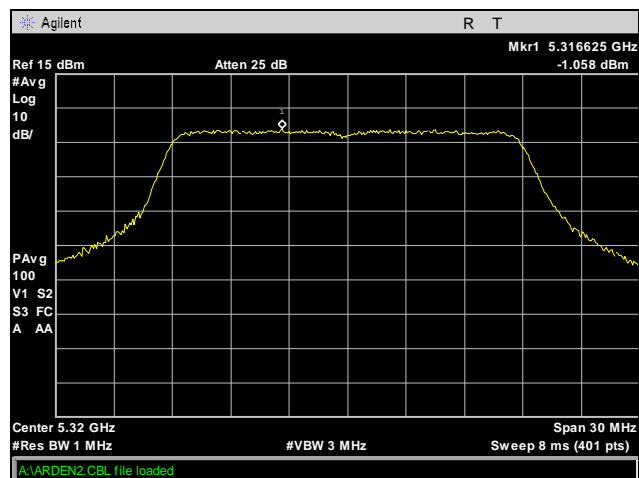## Power Spectral Density, 802.11a, Port 6, Radio 1, 8x8
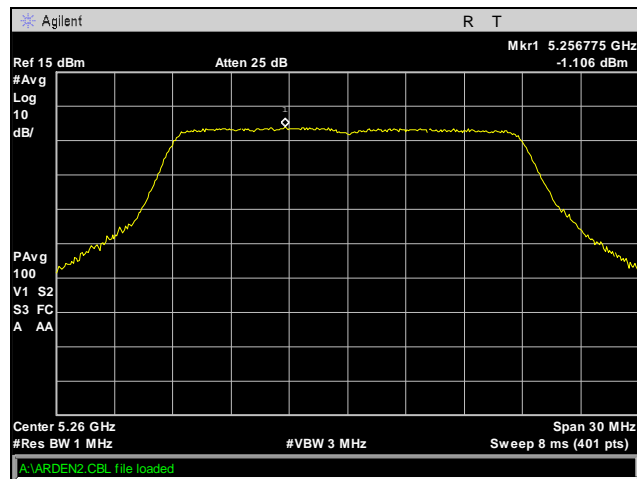
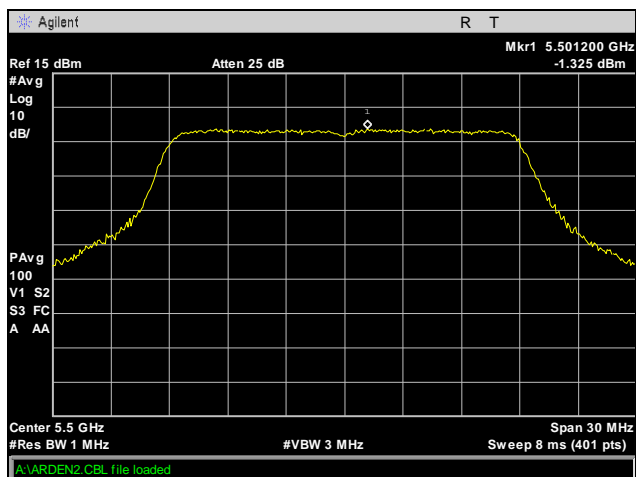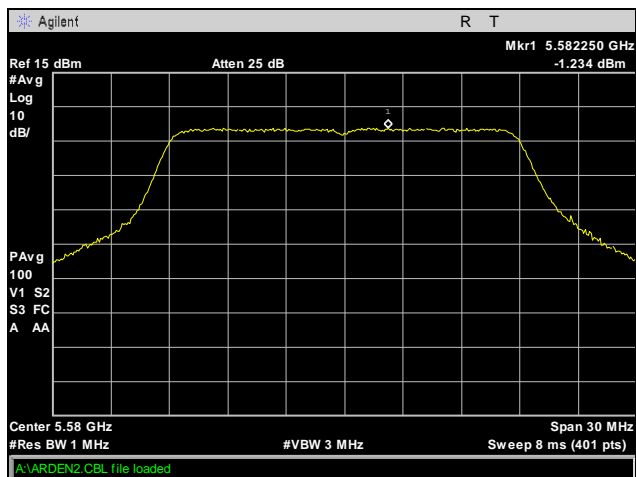**Plot 747. Power Spectral Density, 802.11a, 5260 MHz, Port 6, Radio 1, 8x8**
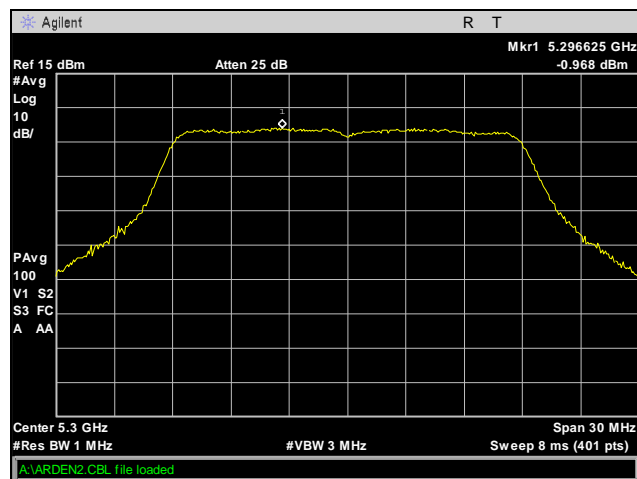
Plot 748. Power Spectral Density, 802.11a, 5300 MHz, Port 6, Radio 1, 8x8

Plot 749. Power Spectral Density, 802.11a, 5320 MHz, Port 6, Radio 1, 8x8

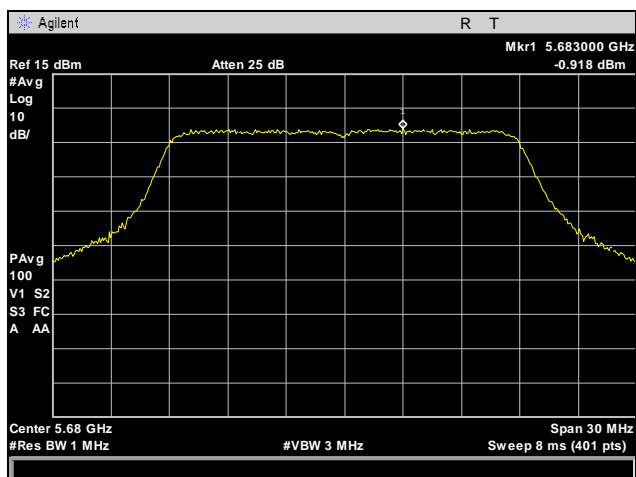**Plot 750. Power Spectral Density, 802.11a, 5500 MHz, Port 6, Radio 1, 8x8**

Plot 751. Power Spectral Density, 802.11a, 5580 MHz, Port 6, Radio 1, 8x8

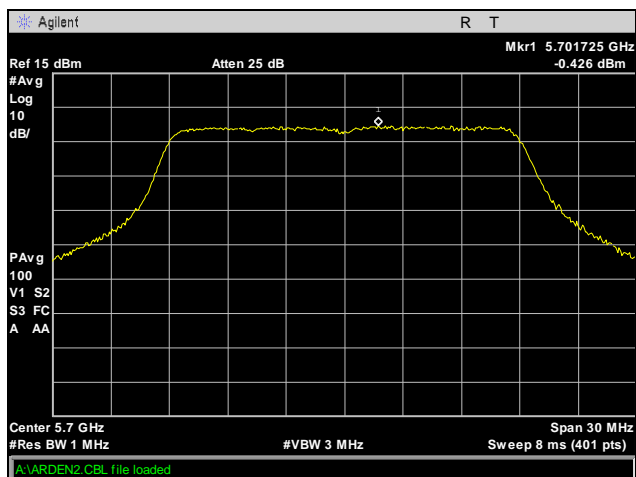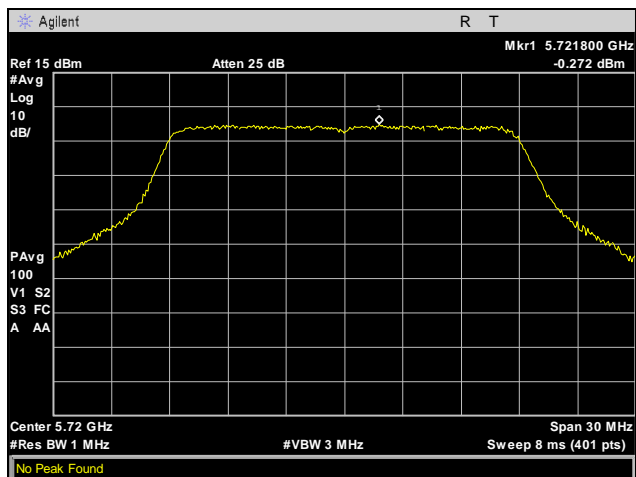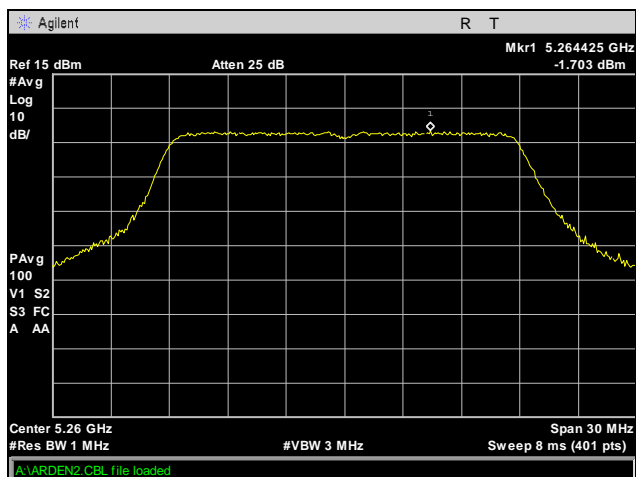**Plot 752. Power Spectral Density, 802.11a, 5680 MHz, Port 6, Radio 1, 8x8**

Plot 753. Power Spectral Density, 802.11a, 5700 MHz, Port 6, Radio 1, 8x8

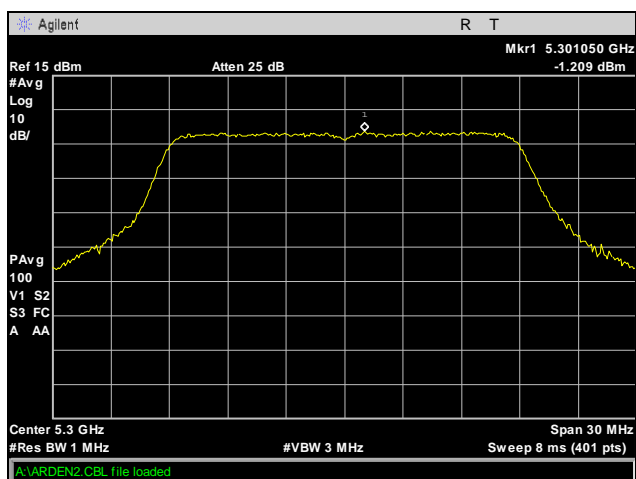**Plot 754. Power Spectral Density, 802.11a, 5720 MHz, Port 6, Radio 1, 8x8**

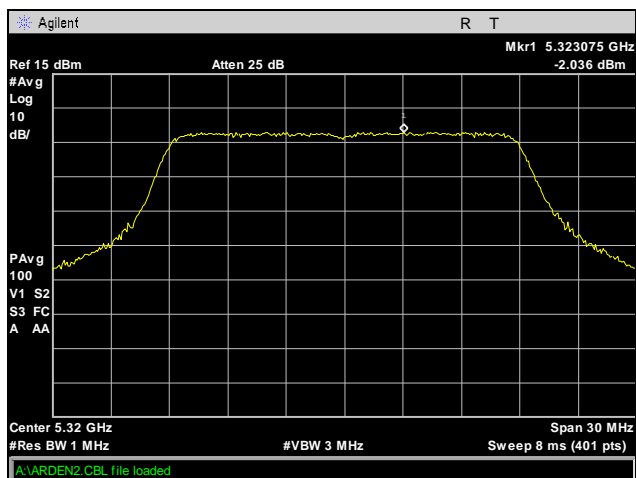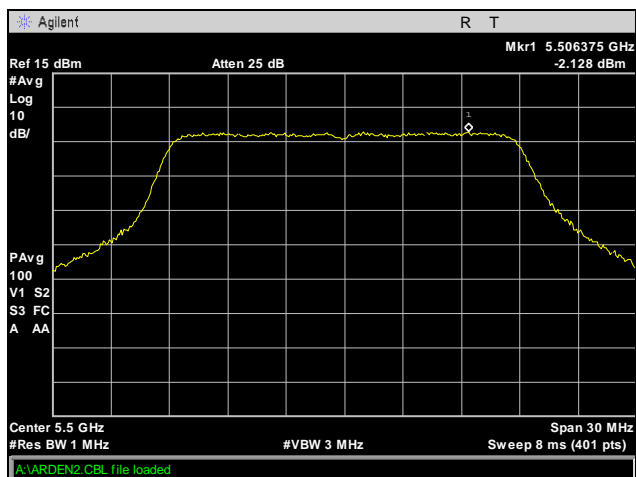## Power Spectral Density, 802.11a, Port 7, Radio 1, 8x8

Plot 755. Power Spectral Density, 802.11a, 5260 MHz, Port 7, Radio 1, 8x8

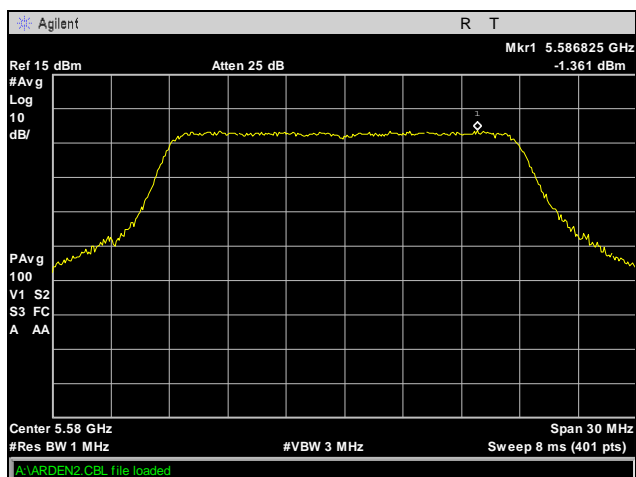**Plot 756. Power Spectral Density, 802.11a, 5300 MHz, Port 7, Radio 1, 8x8**

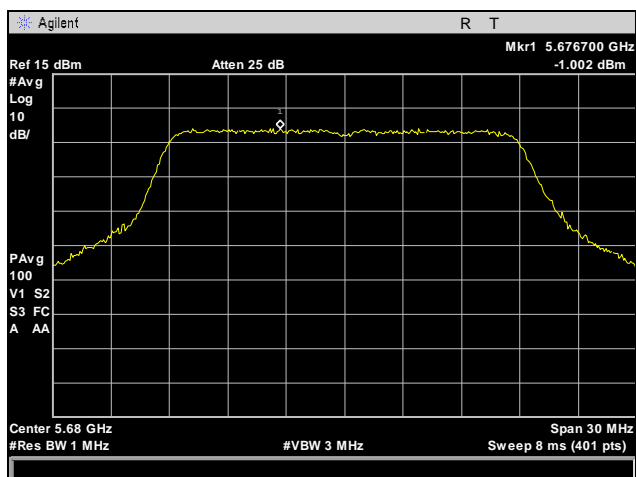**Plot 757. Power Spectral Density, 802.11a, 5320 MHz, Port 7, Radio 1, 8x8**

Plot 758. Power Spectral Density, 802.11a, 5500 MHz, Port 7, Radio 1, 8x8

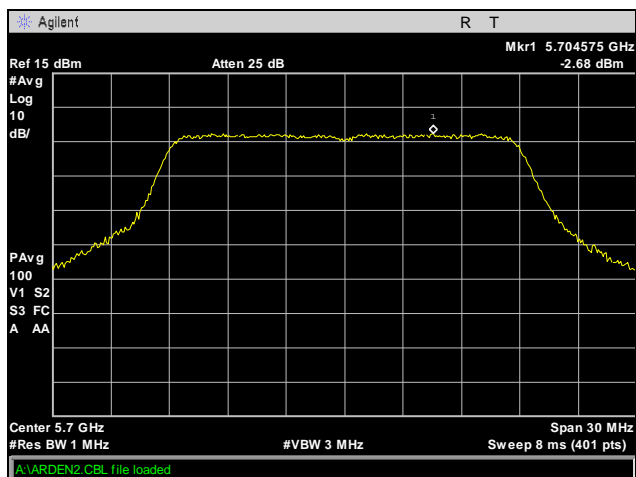**Plot 759. Power Spectral Density, 802.11a, 5580 MHz, Port 7, Radio 1, 8x8**

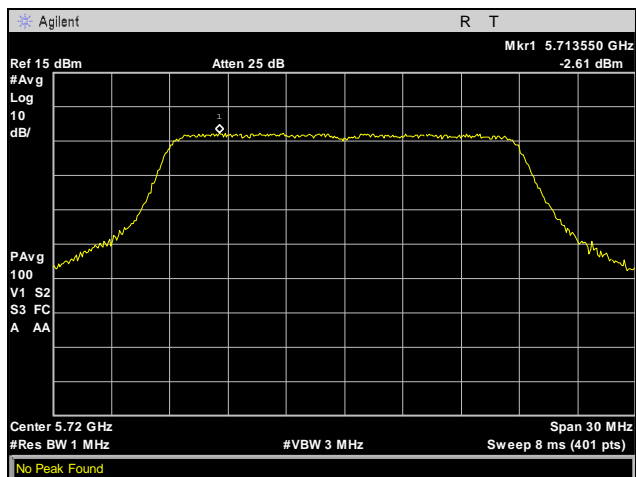**Plot 760. Power Spectral Density, 802.11a, 5680 MHz, Port 7, Radio 1, 8x8**

Plot 761. Power Spectral Density, 802.11a, 5700 MHz, Port 7, Radio 1, 8x8

Plot 762. Power Spectral Density, 802.11a, 5720 MHz, Port 7, Radio 1, 8x8

Power Spectral Density, 802.11a, Port 8, Radio 1, 8x8

Plot 763. Power Spectral Density, 802.11a, 5260 MHz, Port 8, Radio 1, 8x8

Plot 764. Power Spectral Density, 802.11a, 5300 MHz, Port 8, Radio 1, 8x8

Plot 765. Power Spectral Density, 802.11a, 5320 MHz, Port 8, Radio 1, 8x8

Plot 766. Power Spectral Density, 802.11a, 5500 MHz, Port 8, Radio 1, 8x8

Plot 767. Power Spectral Density, 802.11a, 5580 MHz, Port 8, Radio 1, 8x8

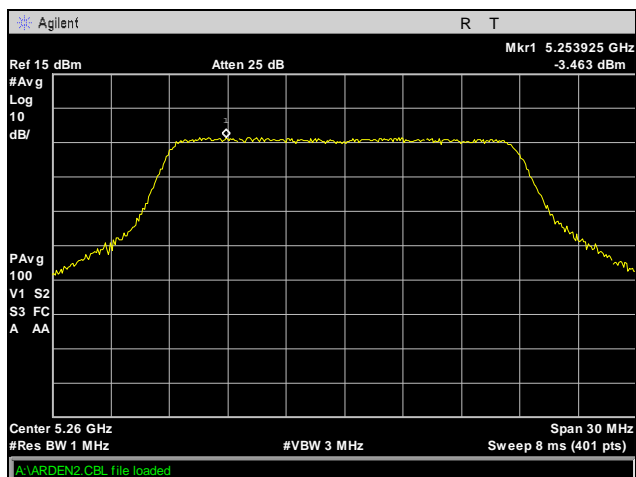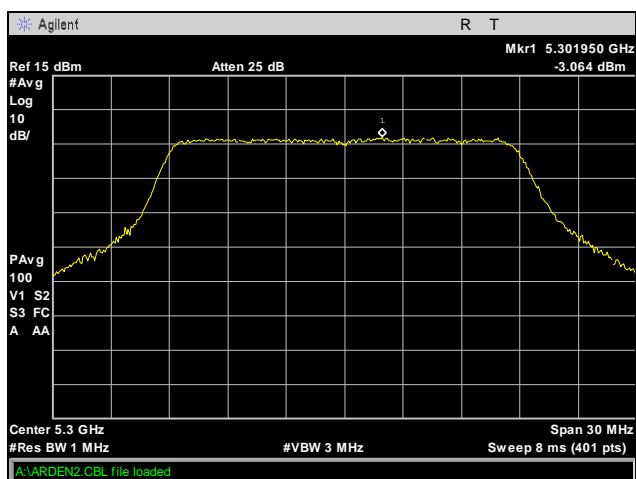**Plot 768. Power Spectral Density, 802.11a, 5680 MHz, Port 8, Radio 1, 8x8**

Plot 769. Power Spectral Density, 802.11a, 5700 MHz, Port 8, Radio 1, 8x8

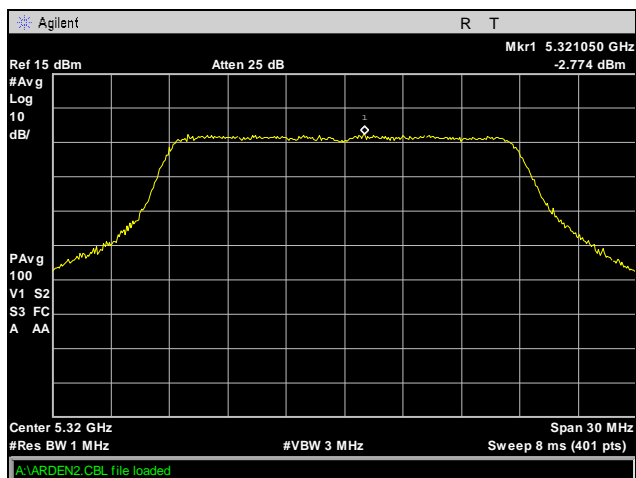**Plot 770. Power Spectral Density, 802.11a, 5720 MHz, Port 8, Radio 1, 8x8**

Power Spectral Density, 802.11ac 20 MHz, Port 1, Radio 0, 8x8
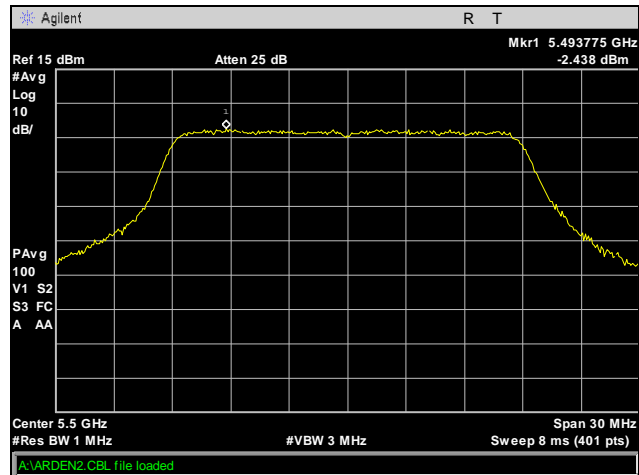

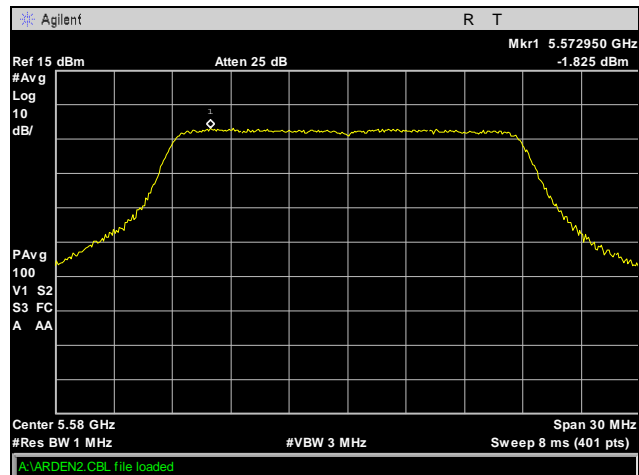**Plot 771. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 1, Radio 0, 8x8**

Plot 772. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 1, Radio 0, 8x8
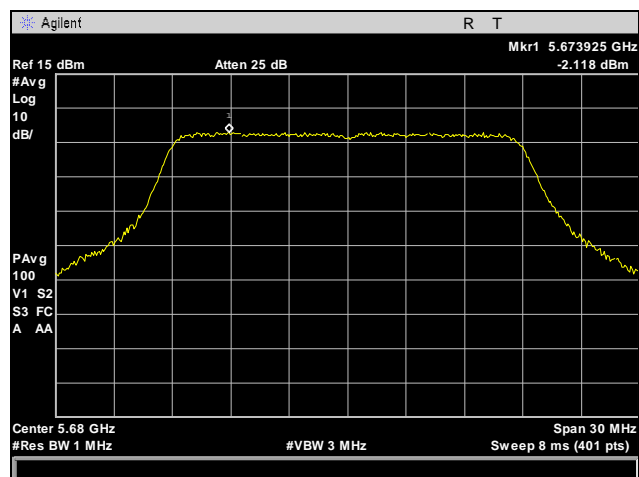

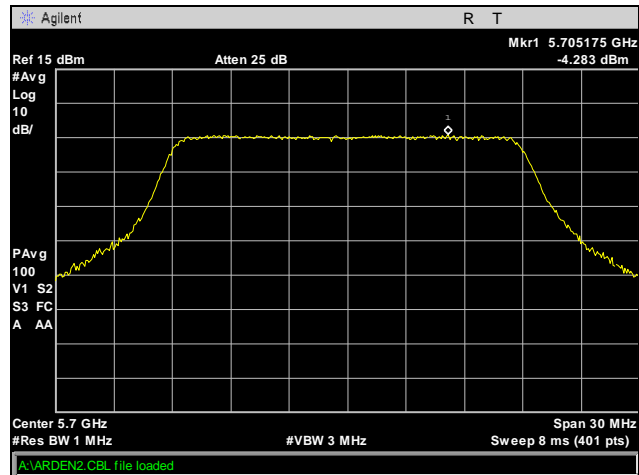**Plot 773. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 1, Radio 0, 8x8**

Plot 774. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 1, Radio 0, 8x8
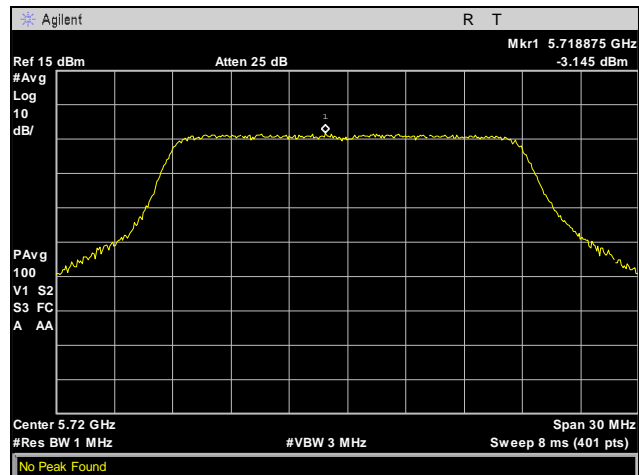

Plot 775. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 1, Radio 0, 8x8

Plot 776. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 1, Radio 0, 8x8
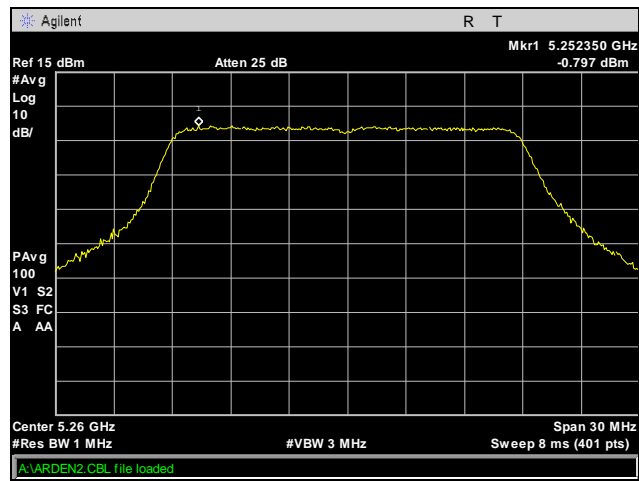
Plot 777. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 1, Radio 0, 8x8
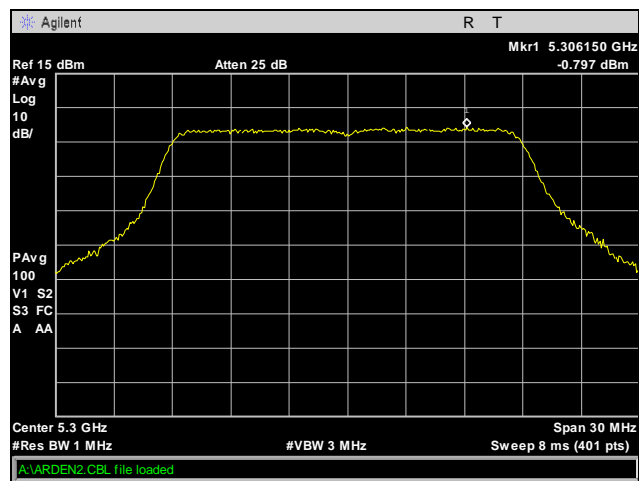

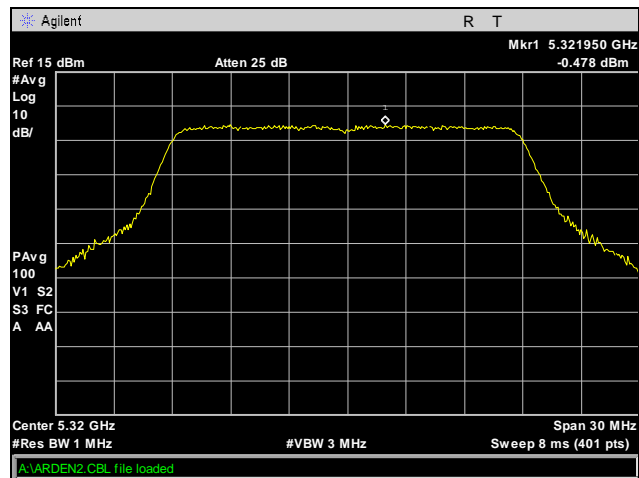**Plot 778. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 1, Radio 0, 8x8**

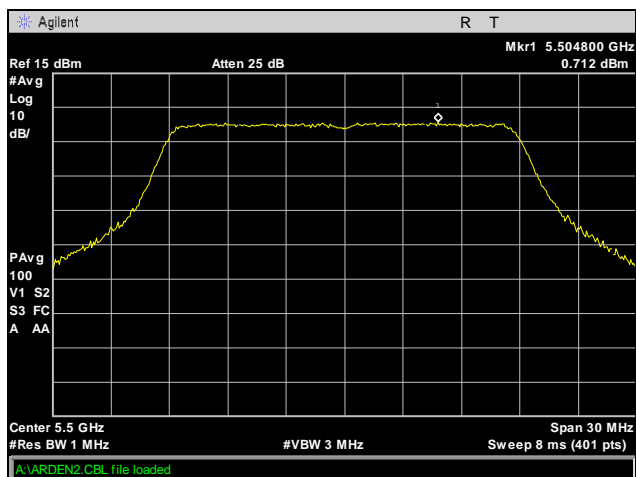## Power Spectral Density, 802.11ac 20 MHz, Port 2, Radio 0, 8x8

Plot 779. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 2, Radio 0, 8x8
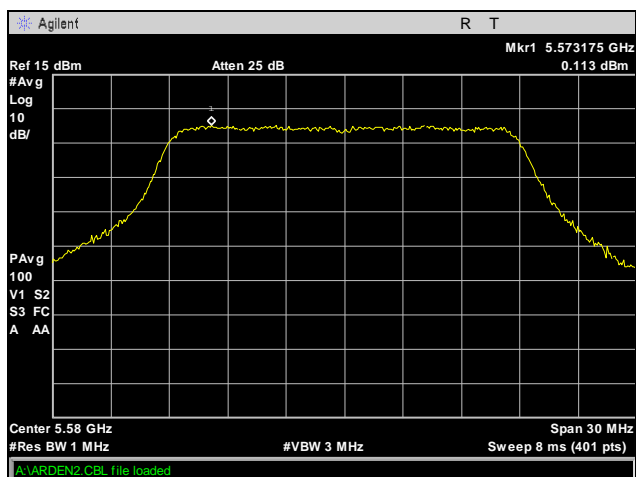

Plot 780. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 2, Radio 0, 8x8
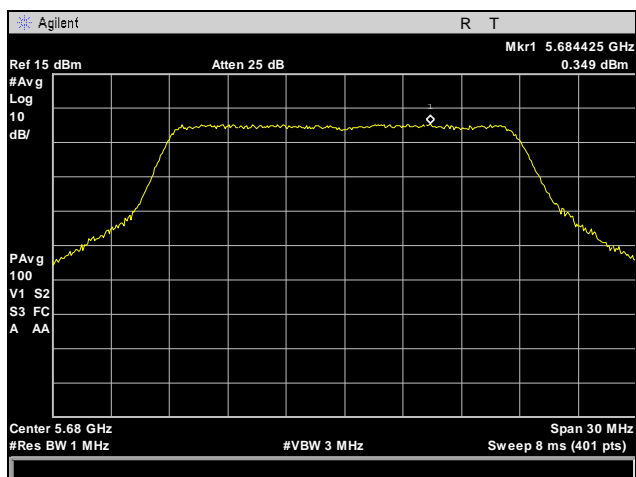

Plot 781. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 2, Radio 0, 8x8
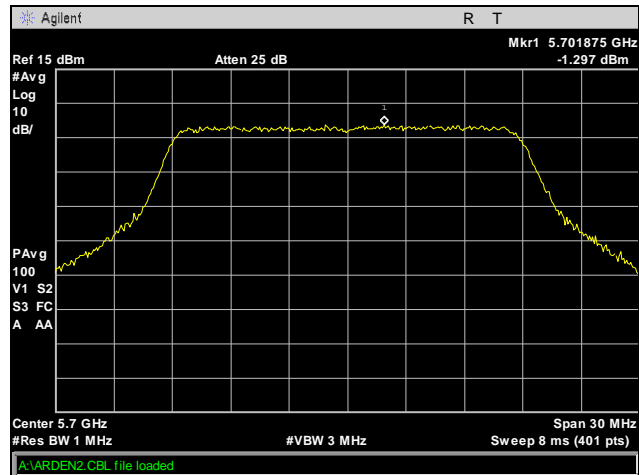
Plot 782. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 2, Radio 0, 8x8
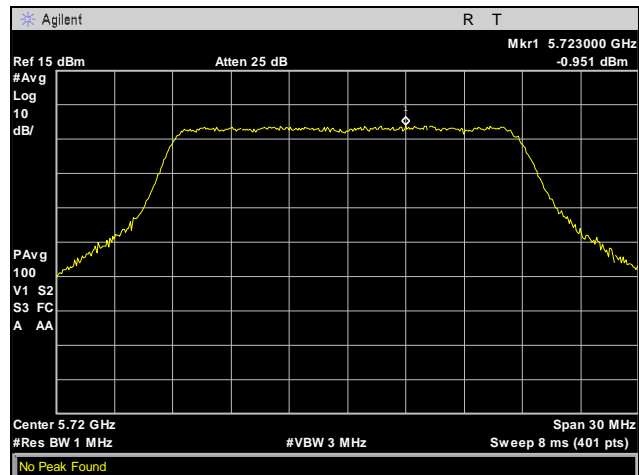

Plot 783. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 2, Radio 0, 8x8

Plot 784. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 2, Radio 0, 8x8
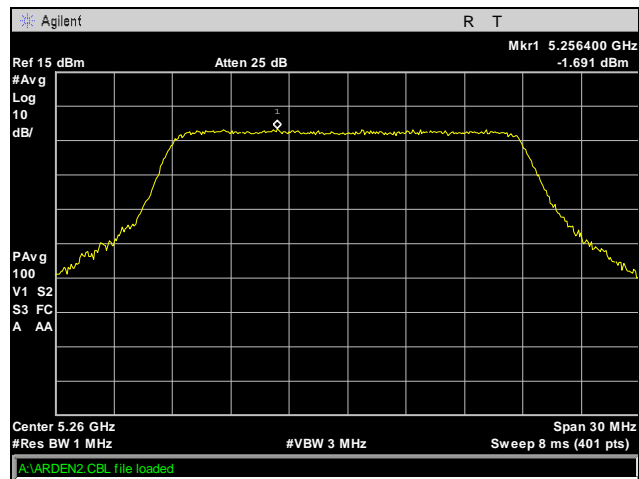
ARRIS Group, Inc.
TG3482 (ER3)

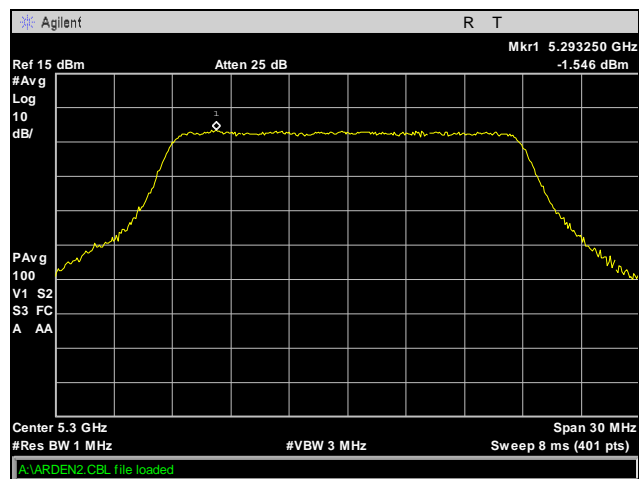**Plot 785. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 2, Radio 0, 8x8**

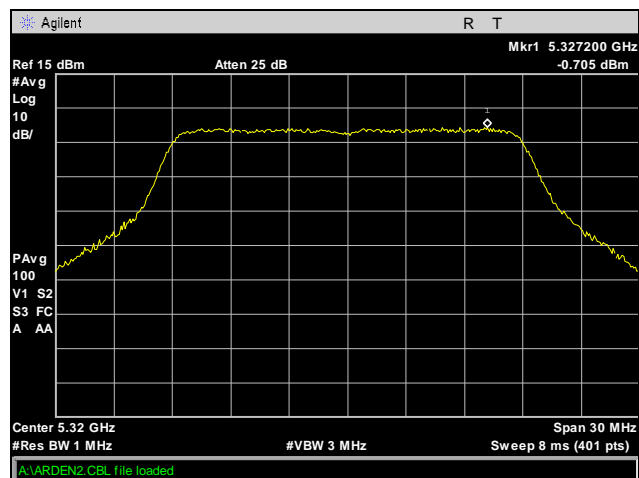**Plot 786. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 2, Radio 0, 8x8**

Power Spectral Density, 802.11ac 20 MHz, Port 3, Radio 0, 8x8

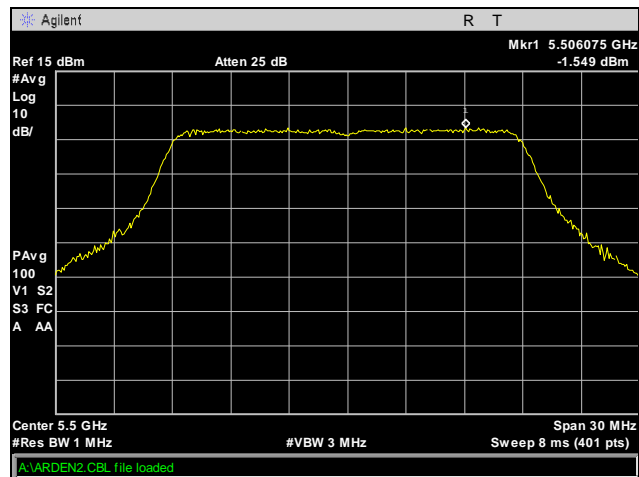**Plot 787. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 3, Radio 0, 8x8**

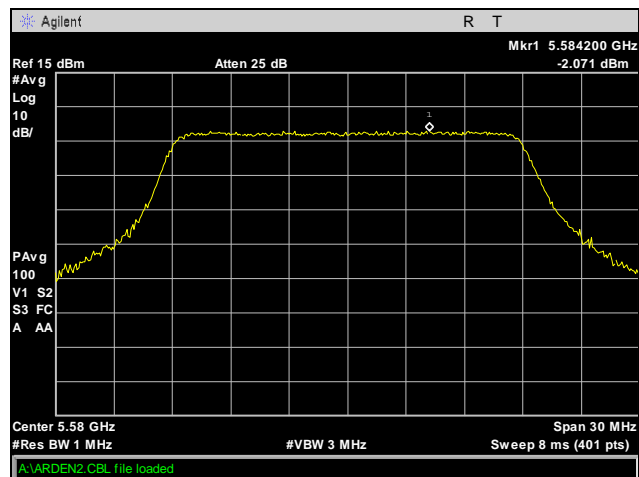**Plot 788. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 3, Radio 0, 8x8**

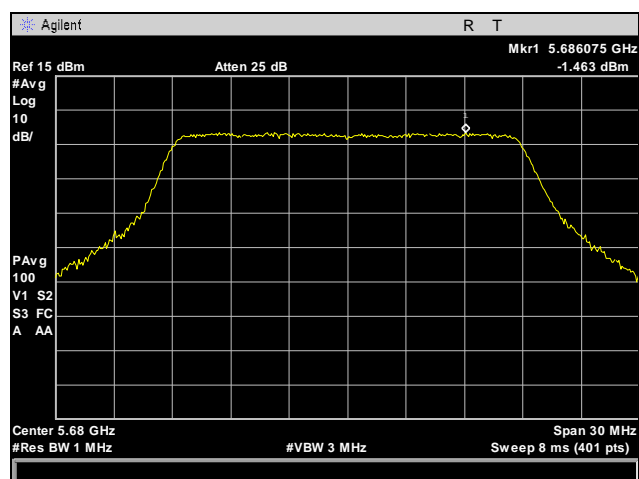**Plot 789. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 3, Radio 0, 8x8**
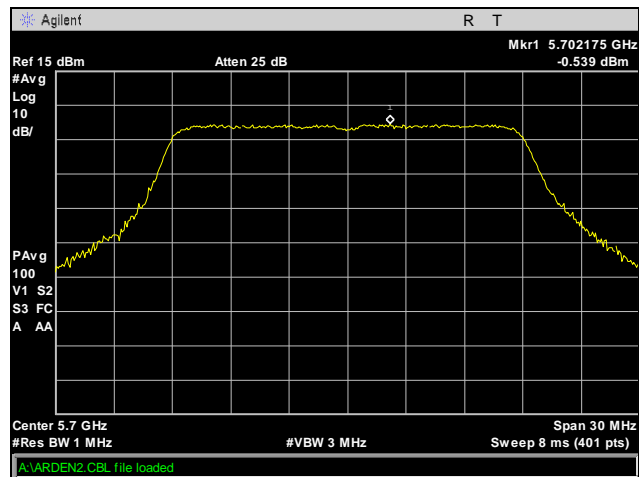
Plot 790. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 3, Radio 0, 8x8
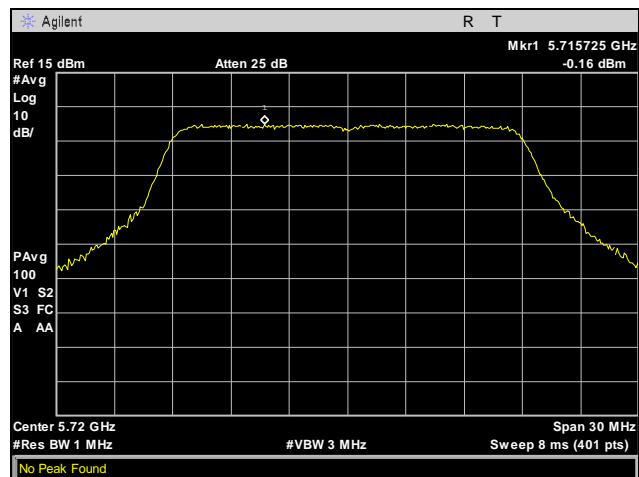
Plot 791. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 3, Radio 0, 8x8

Plot 792. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 3, Radio 0, 8x8
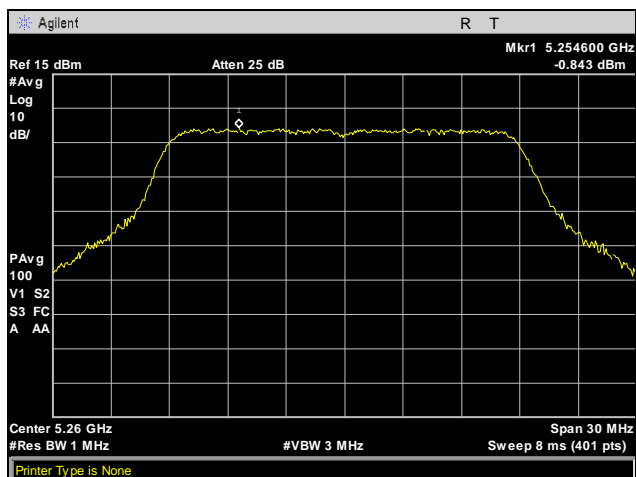
Plot 793. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 3, Radio 0, 8x8
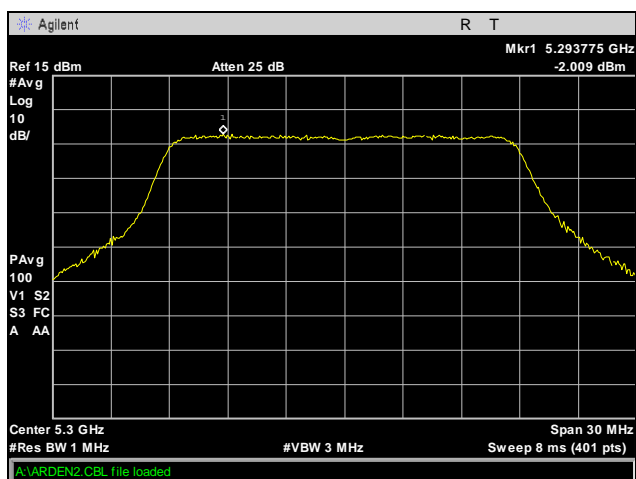

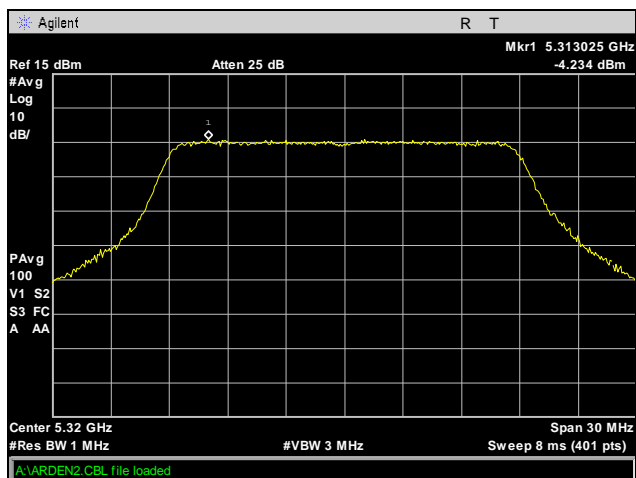**Plot 794. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 3, Radio 0, 8x8**

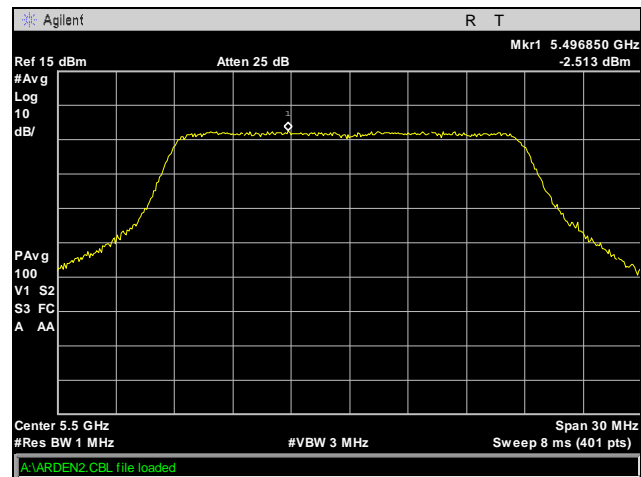## Power Spectral Density, 802.11ac 20 MHz, Port 4, Radio 0, 8x8

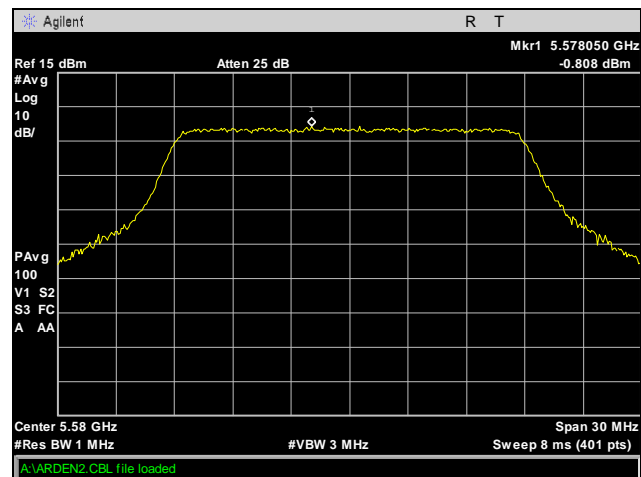**Plot 795. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 4, Radio 0, 8x8**

Plot 796. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 4, Radio 0, 8x8

Plot 797. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 4, Radio 0, 8x8

MET®
ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
CFR Title 47, Part 15, Subpart E

Plot 798. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 4, Radio 0, 8x8

Plot 799. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 4, Radio 0, 8x8

Plot 800. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 4, Radio 0, 8x8

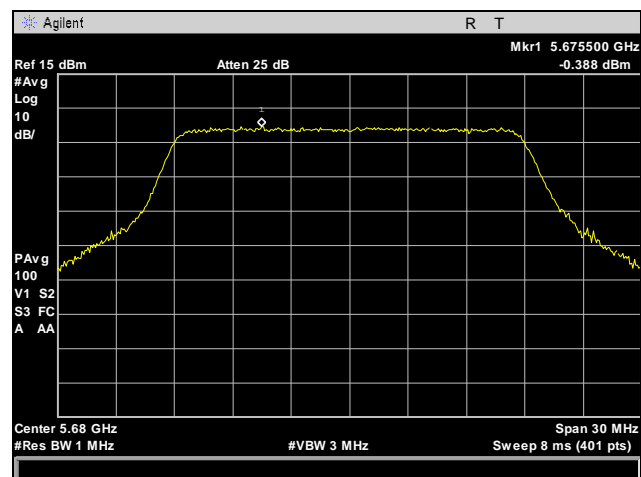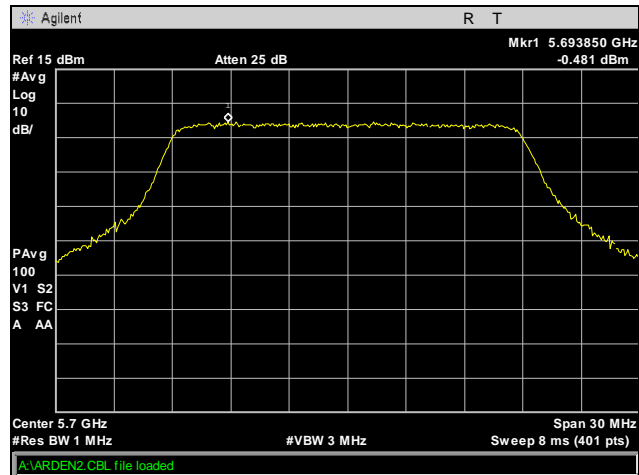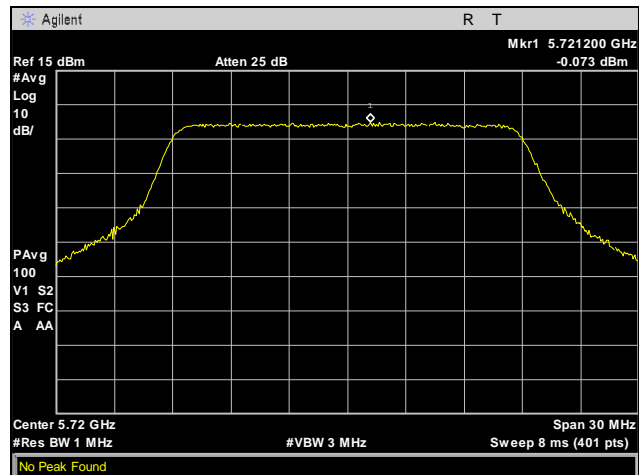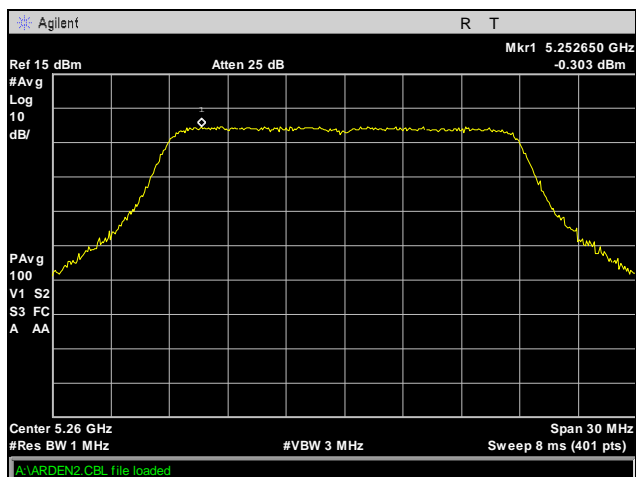**Plot 801. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 4, Radio 0, 8x8**
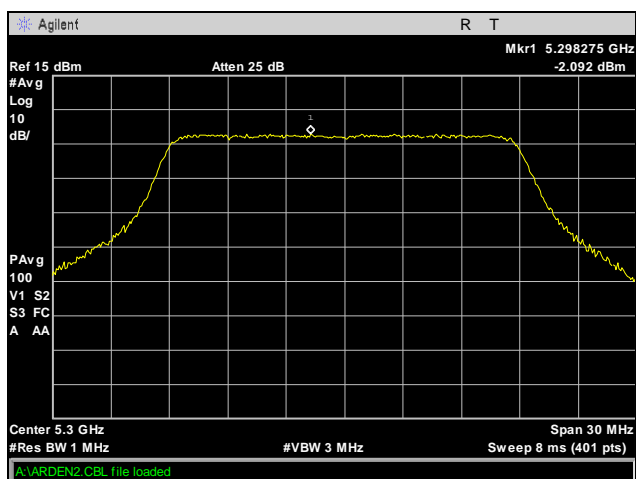

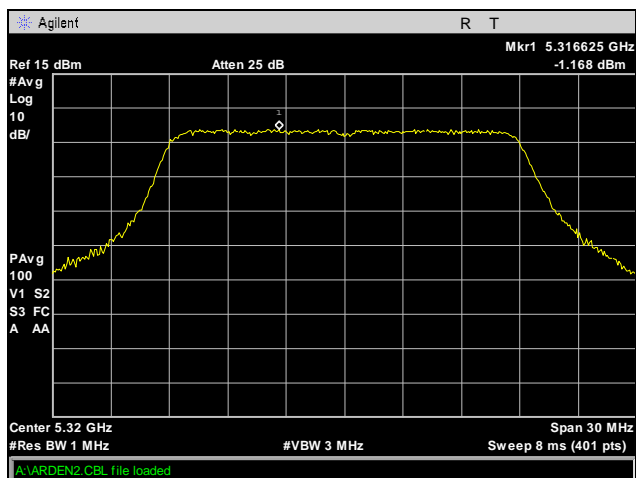**Plot 802. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 4, Radio 0, 8x8**

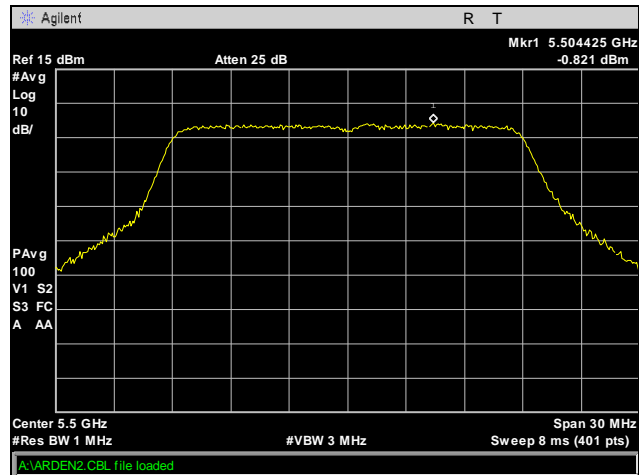## Power Spectral Density, 802.11ac 20 MHz, Port 5, Radio 1, 8x8

Plot 803. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 5, Radio 1, 8x8

Plot 804. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 5, Radio 1, 8x8

Plot 805. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 5, Radio 1, 8x8

Plot 806. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 5, Radio 1, 8x8

Plot 807. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 5, Radio 1, 8x8

Plot 808. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 5, Radio 1, 8x8

Plot 809. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 5, Radio 1, 8x8

Plot 810. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 5, Radio 1, 8x8

Power Spectral Density, 802.11ac 20 MHz, Port 6, Radio 1, 8x8

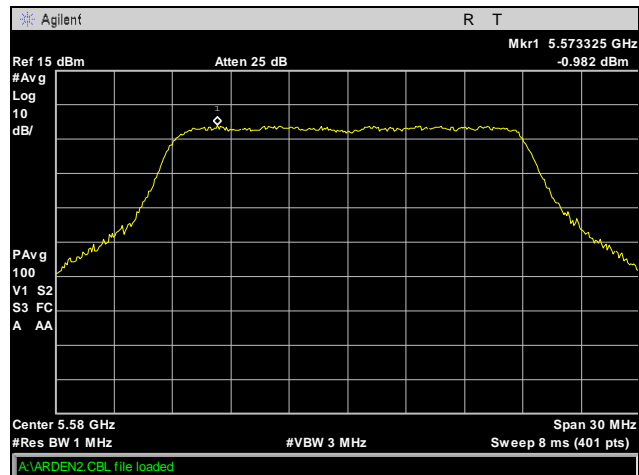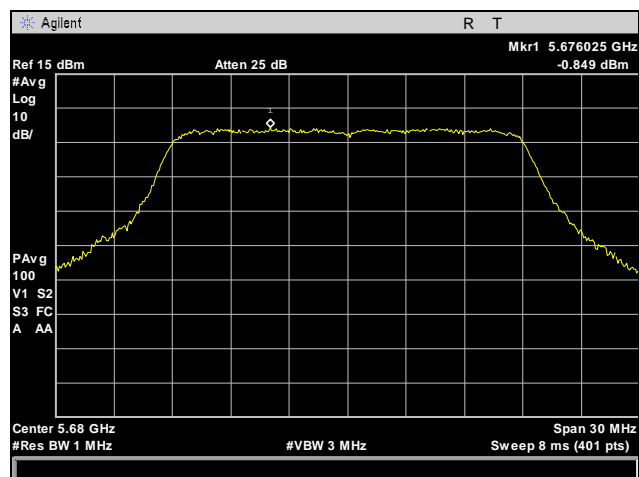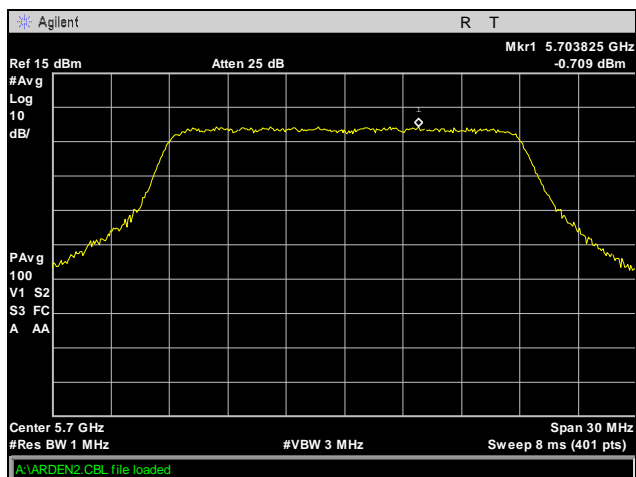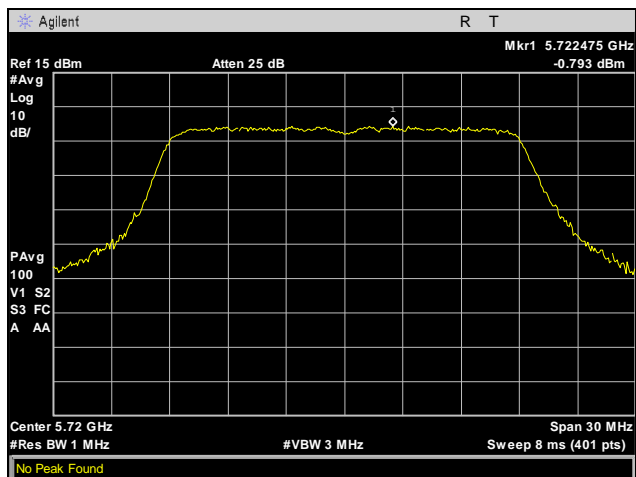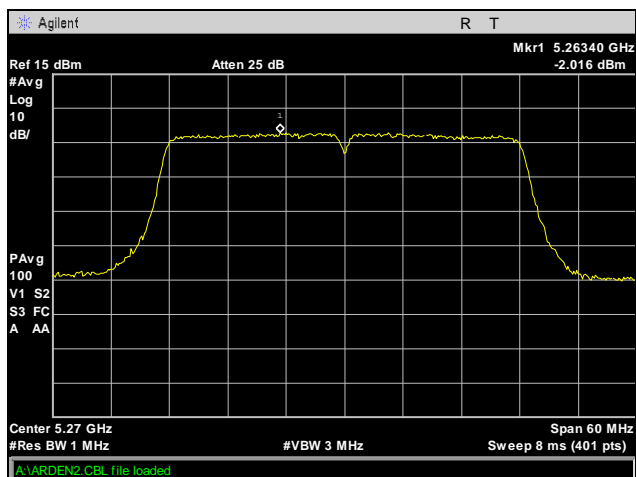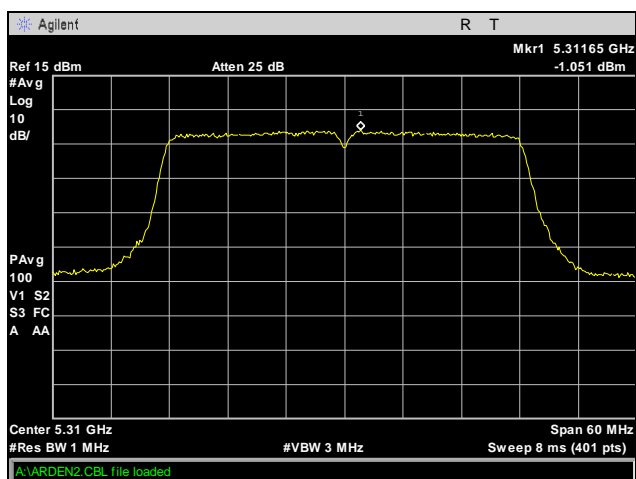**Plot 811. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 6, Radio 1, 8x8**

Plot 812. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 6, Radio 1, 8x8

Plot 813. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 6, Radio 1, 8x8

Plot 814. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 6, Radio 1, 8x8

Plot 815. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 6, Radio 1, 8x8
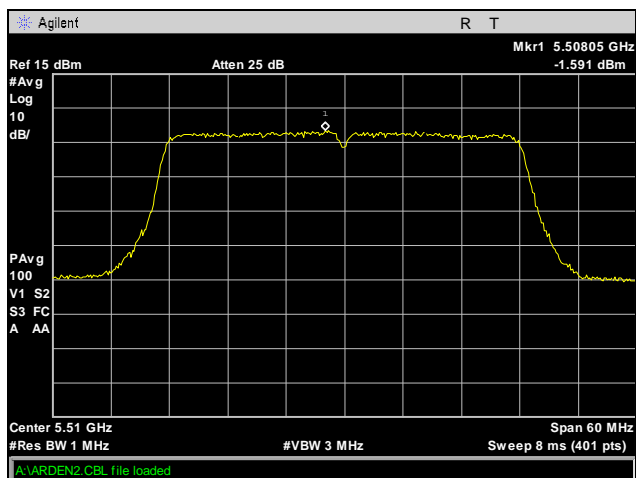

Plot 816. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 6, Radio 1, 8x8

Plot 817. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 6, Radio 1, 8x8

Plot 818. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 6, Radio 1, 8x8

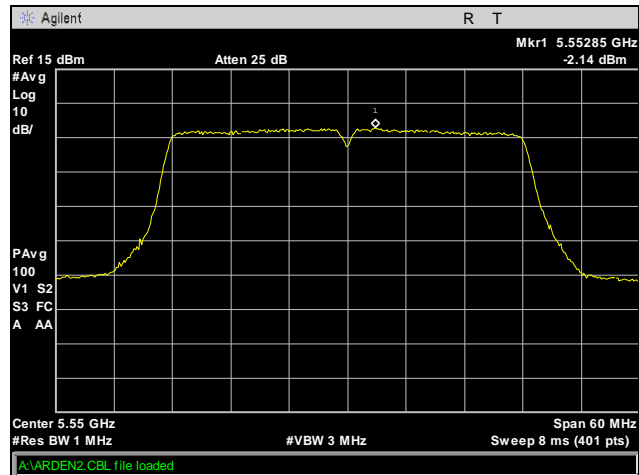## Power Spectral Density, 802.11ac 20 MHz, Port 7, Radio 1, 8x8

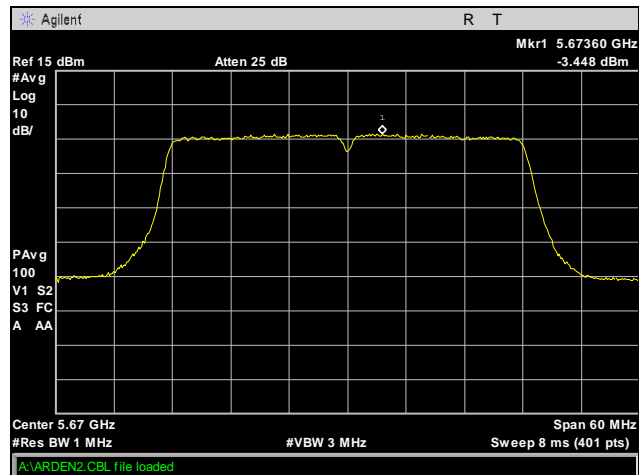**Plot 819. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 7, Radio 1, 8x8**

Plot 820. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 7, Radio 1, 8x8
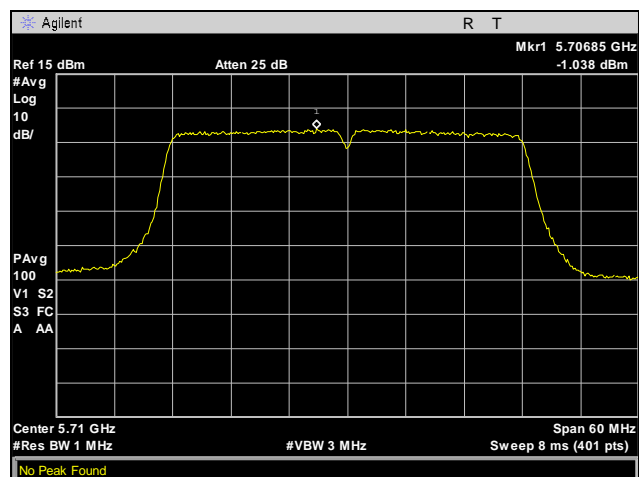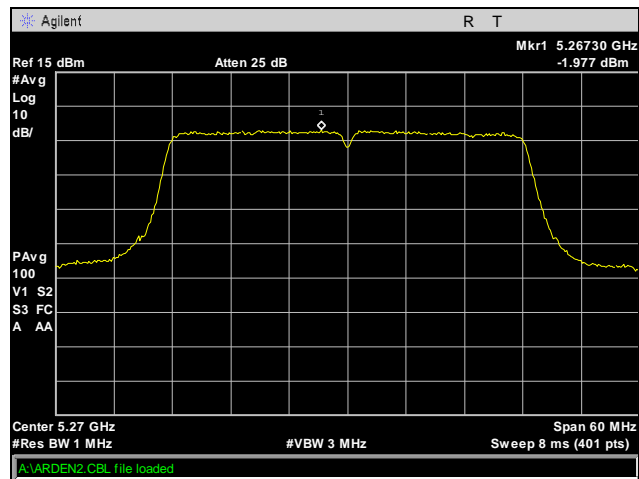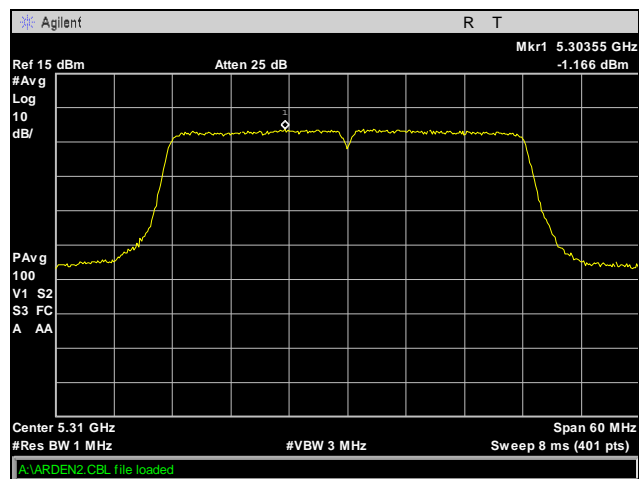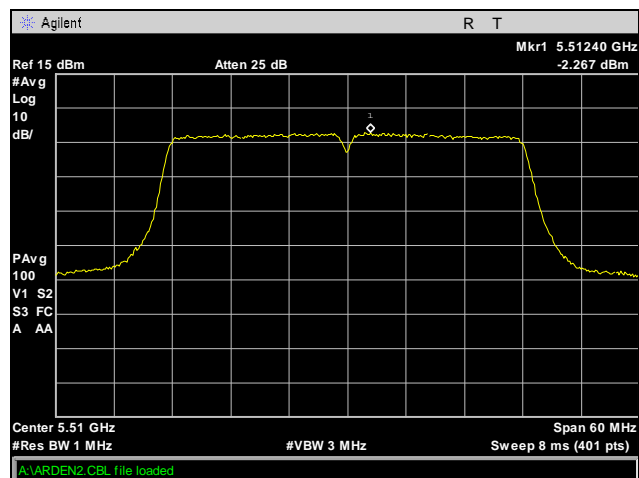

Plot 821. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 7, Radio 1, 8x8

ARRIS Group, Inc.
TG3482 (ER3)

Plot 822. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 7, Radio 1, 8x8

Plot 823. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 7, Radio 1, 8x8

Plot 824. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 7, Radio 1, 8x8

Plot 825. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 7, Radio 1, 8x8

Plot 826. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 7, Radio 1, 8x8

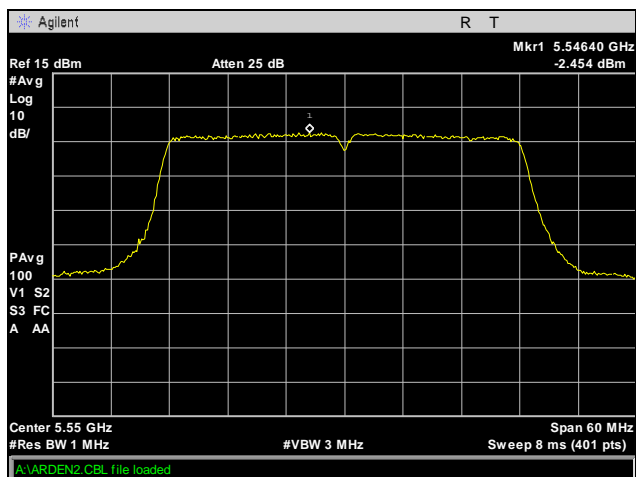## Power Spectral Density, 802.11ac 20 MHz, Port 8, Radio 1, 8x8

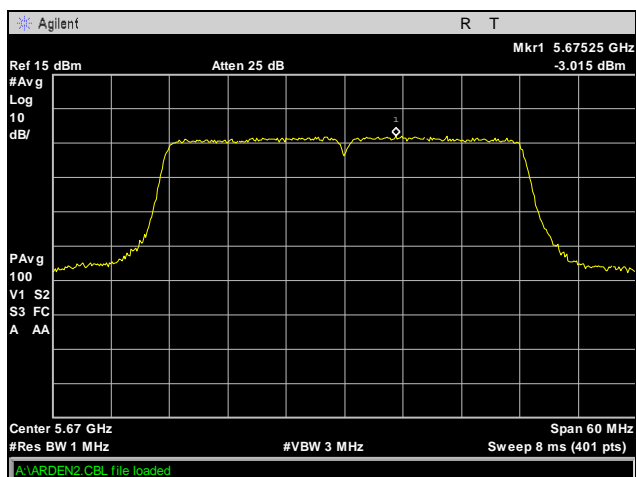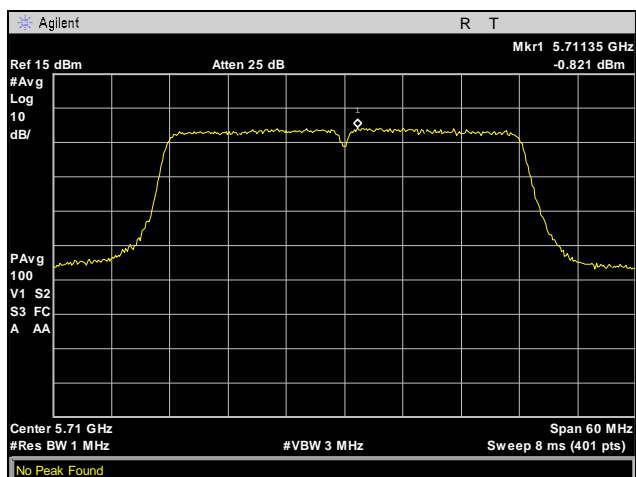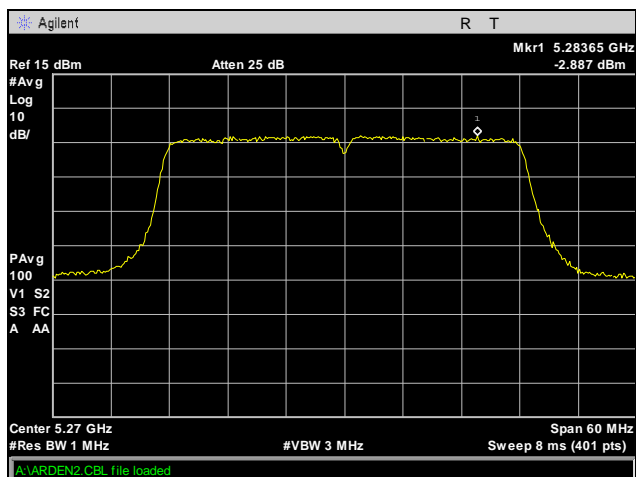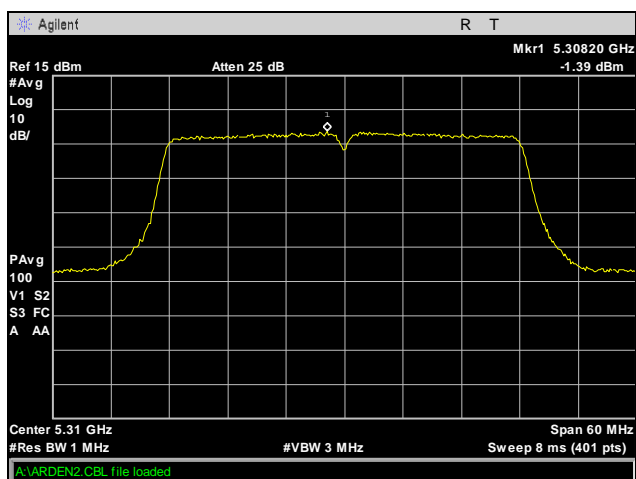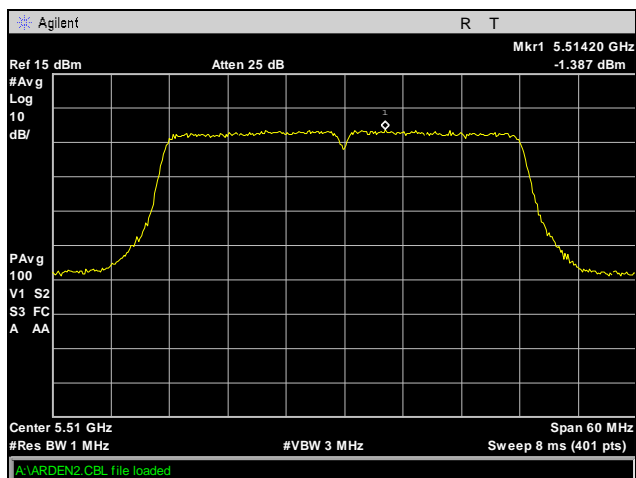**Plot 827. Power Spectral Density, 802.11ac 20 MHz, 5260 MHz, Port 8, Radio 1, 8x8**

Plot 828. Power Spectral Density, 802.11ac 20 MHz, 5300 MHz, Port 8, Radio 1, 8x8

Plot 829. Power Spectral Density, 802.11ac 20 MHz, 5320 MHz, Port 8, Radio 1, 8x8

Plot 830. Power Spectral Density, 802.11ac 20 MHz, 5500 MHz, Port 8, Radio 1, 8x8

Plot 831. Power Spectral Density, 802.11ac 20 MHz, 5580 MHz, Port 8, Radio 1, 8x8

Plot 832. Power Spectral Density, 802.11ac 20 MHz, 5680 MHz, Port 8, Radio 1, 8x8

Plot 833. Power Spectral Density, 802.11ac 20 MHz, 5700 MHz, Port 8, Radio 1, 8x8

Plot 834. Power Spectral Density, 802.11ac 20 MHz, 5720 MHz, Port 8, Radio 1, 8x8

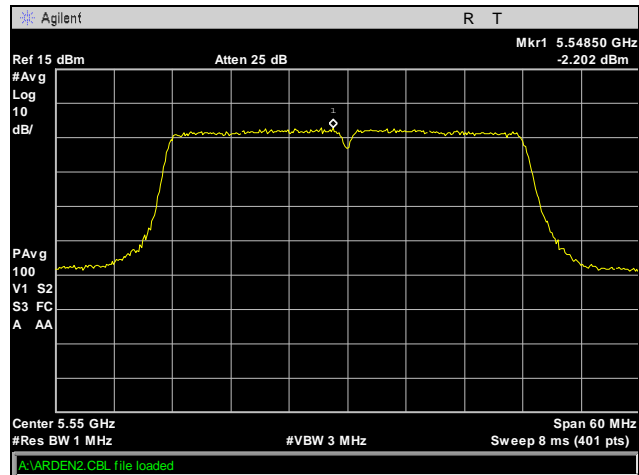**Power Spectral Density, 802.11ac 40 MHz, Port 1, Radio 0, 8x8**

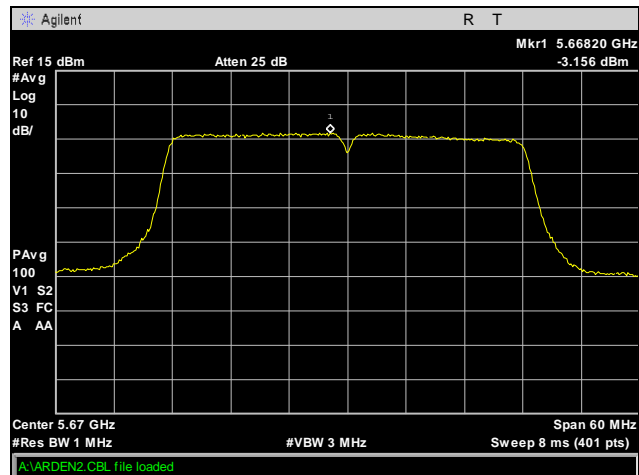**Plot 835. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 1, Radio 0, 8x8**

Plot 836. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 1, Radio 0, 8x8
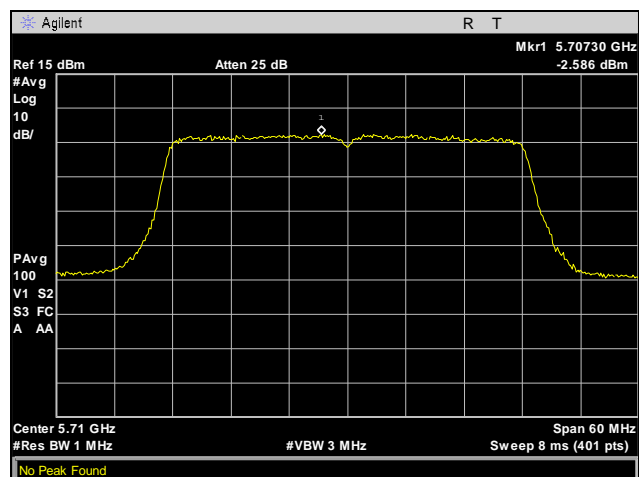

Plot 837. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 1, Radio 0, 8x8

Plot 838. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 1, Radio 0, 8x8
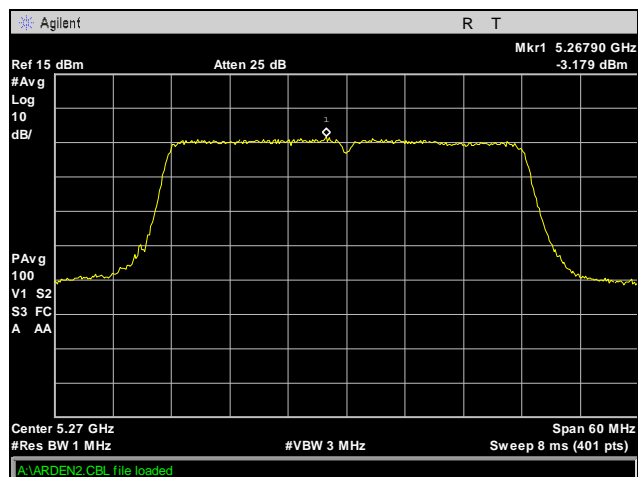

Plot 839. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 1, Radio 0, 8x8
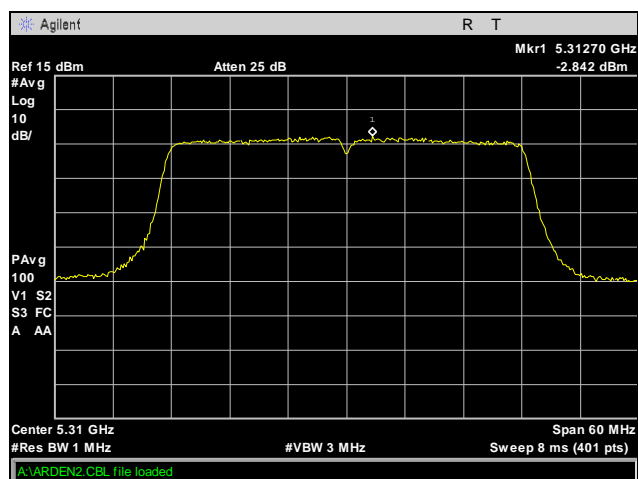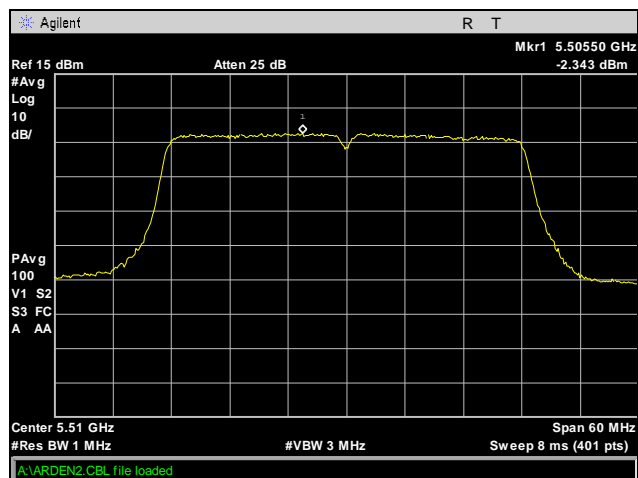

Plot 840. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 1, Radio 0, 8x8

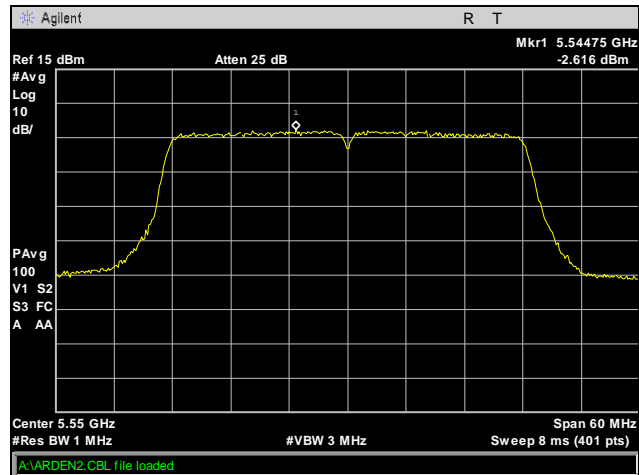## Power Spectral Density, 802.11ac 40 MHz, Port 2, Radio 0, 8x8

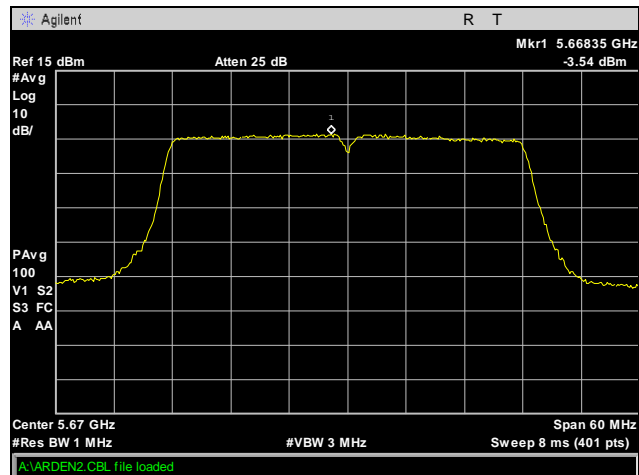**Plot 841. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 2, Radio 0, 8x8**

Plot 842. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 2, Radio 0, 8x8
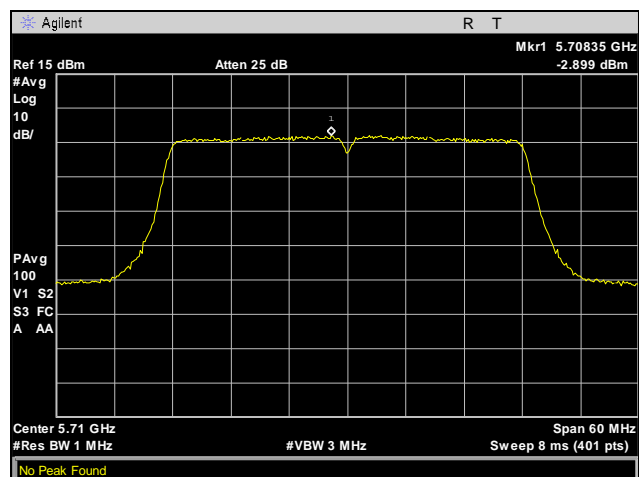

Plot 843. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 2, Radio 0, 8x8

Plot 844. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 2, Radio 0, 8x8
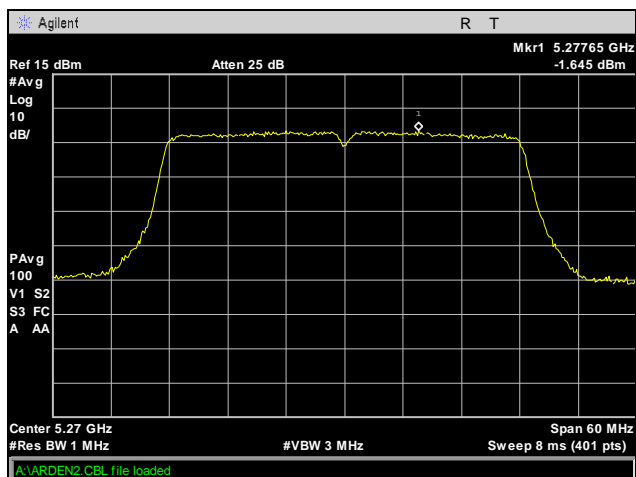

Plot 845. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 2, Radio 0, 8x8
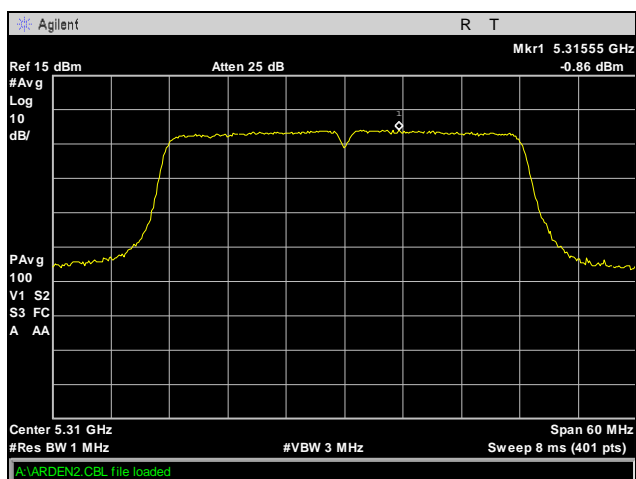

Plot 846. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 2, Radio 0, 8x8
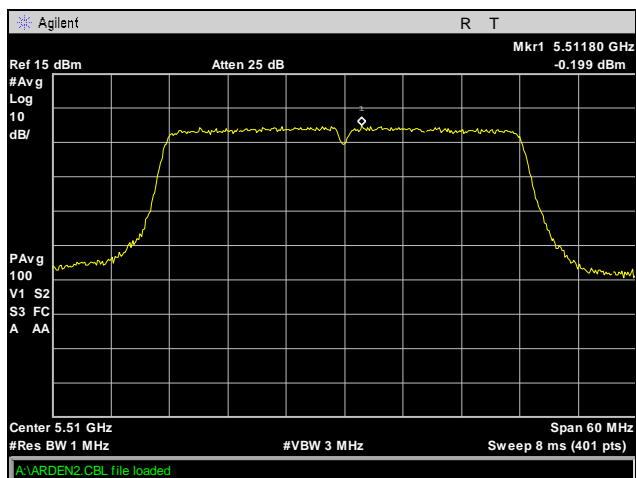
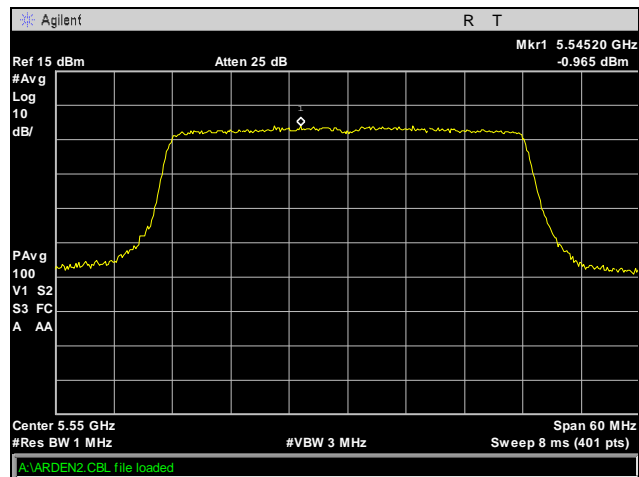## Power Spectral Density, 802.11ac 40 MHz, Port 3, Radio 0, 8x8

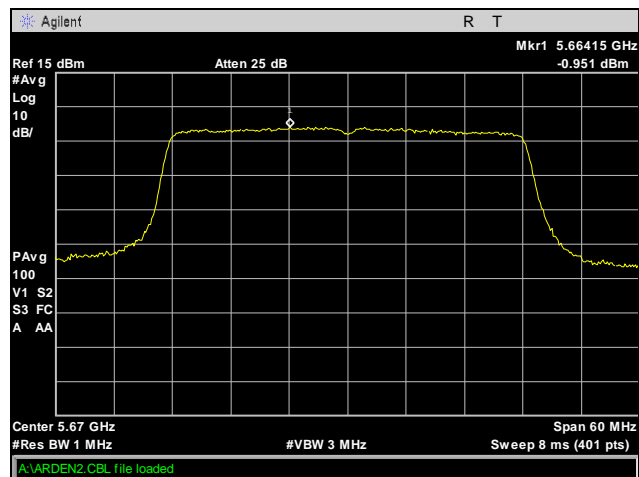**Plot 847. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 3, Radio 0, 8x8**

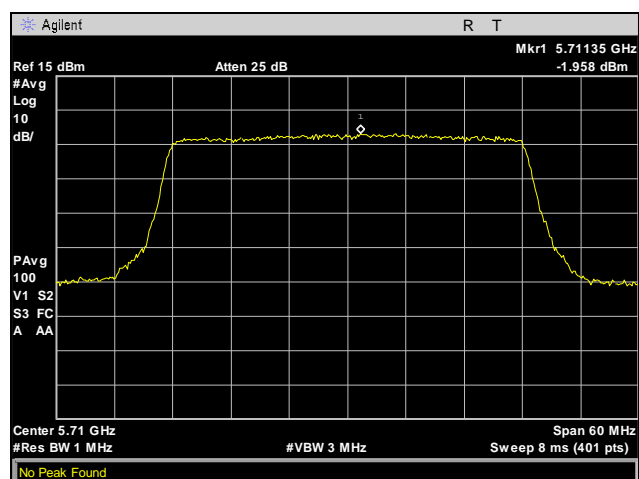**Plot 848. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 3, Radio 0, 8x8**

Plot 849. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 3, Radio 0, 8x8

Plot 850. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 3, Radio 0, 8x8
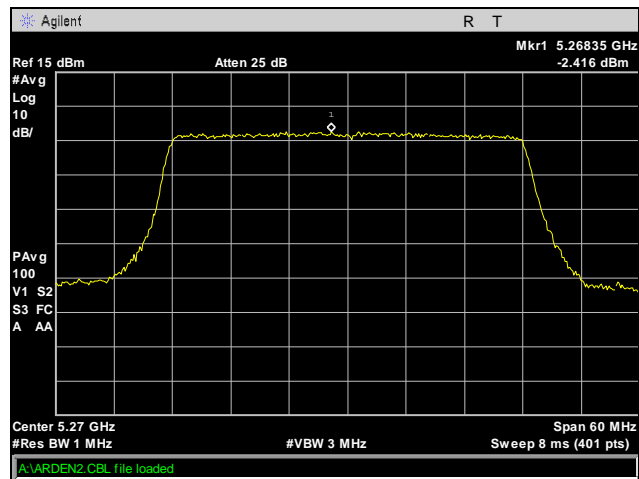

Plot 851. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 3, Radio 0, 8x8
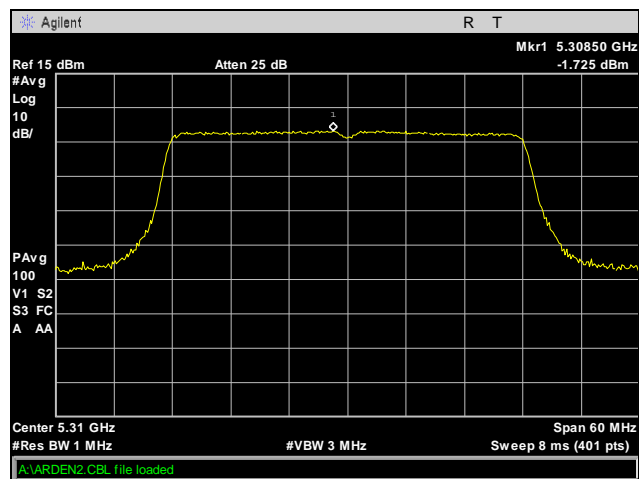

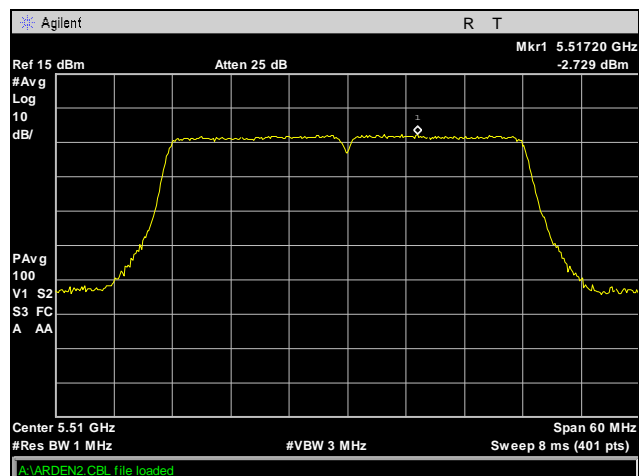**Plot 852. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 3, Radio 0, 8x8**

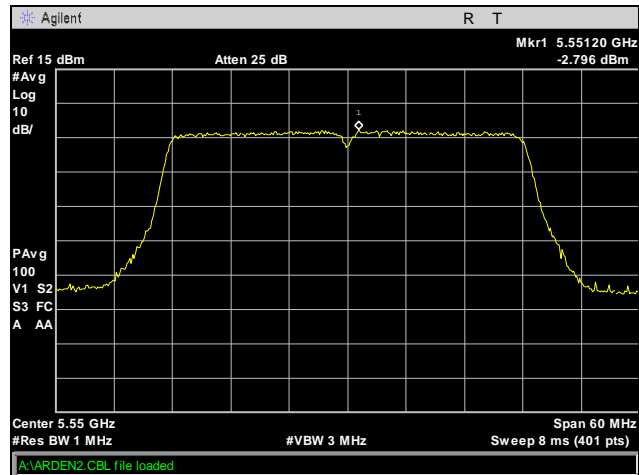## Power Spectral Density, 802.11ac 40 MHz, Port 4, Radio 0, 8x8

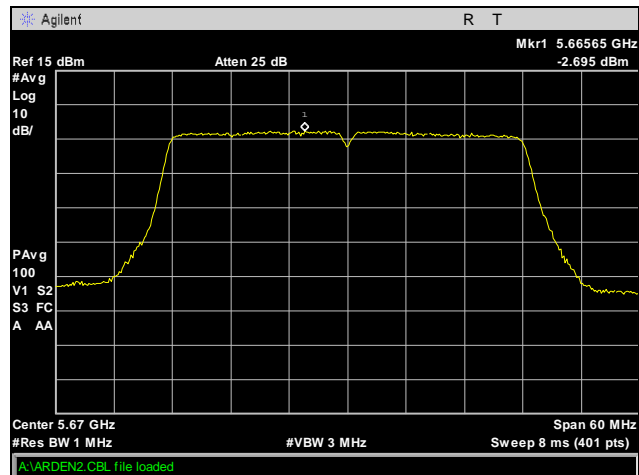**Plot 853. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 4, Radio 0, 8x8**

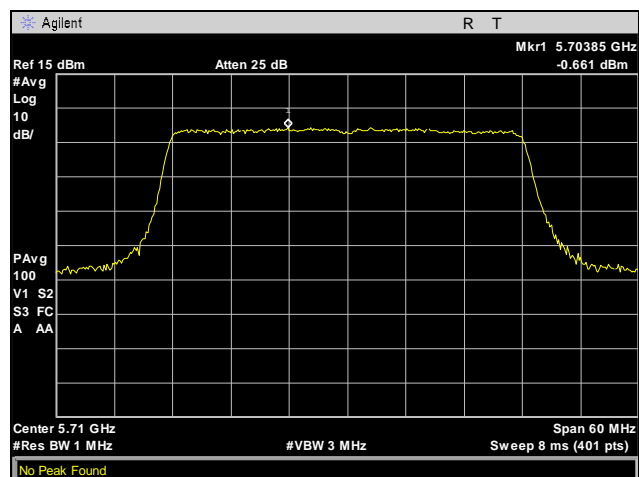**Plot 854. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 4, Radio 0, 8x8**

Plot 855. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 4, Radio 0, 8x8

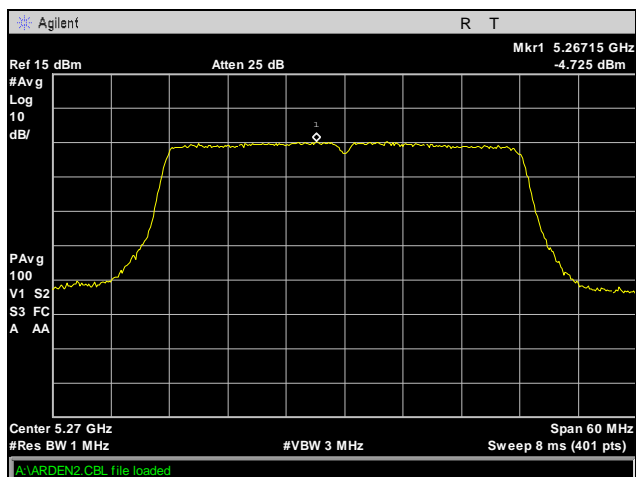**Plot 856. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 4, Radio 0, 8x8**

Plot 857. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 4, Radio 0, 8x8
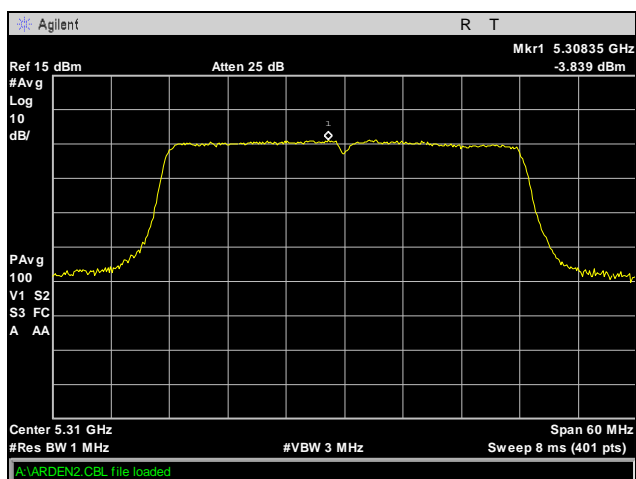

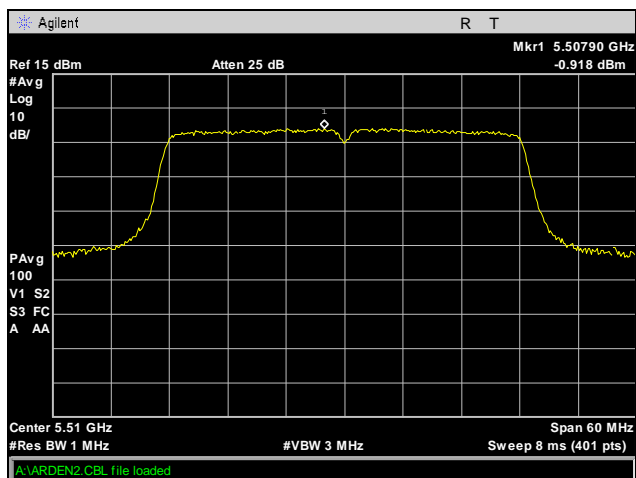**Plot 858. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 4, Radio 0, 8x8**

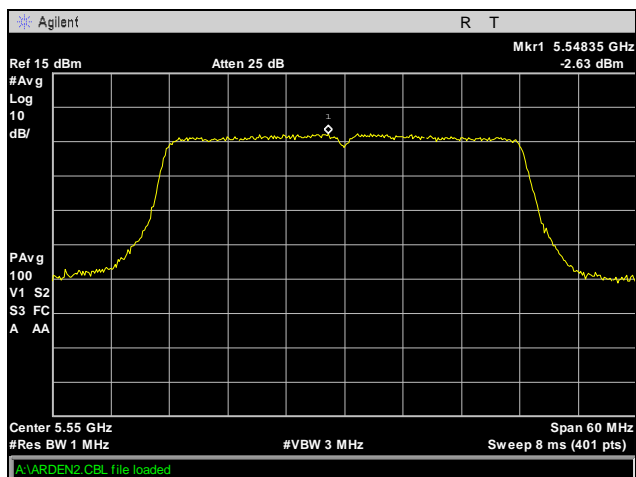## Power Spectral Density, 802.11ac 40 MHz, Port 5, Radio 1, 8x8

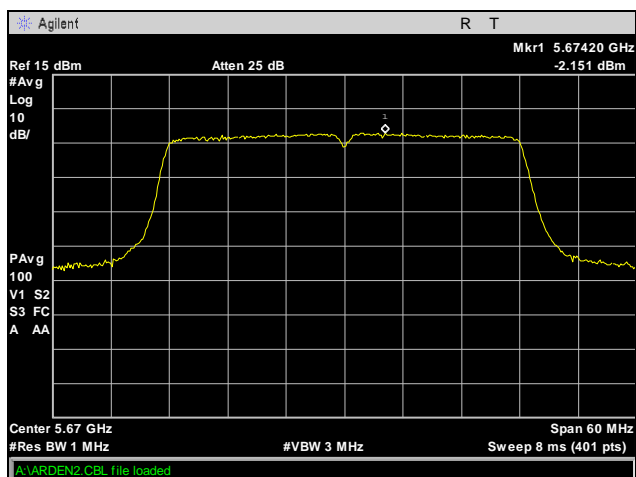**Plot 859. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 5, Radio 1, 8x8**

Plot 860. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 5, Radio 1, 8x8

Plot 861. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 5, Radio 1, 8x8

Plot 862. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 5, Radio 1, 8x8

Plot 863. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 5, Radio 1, 8x8

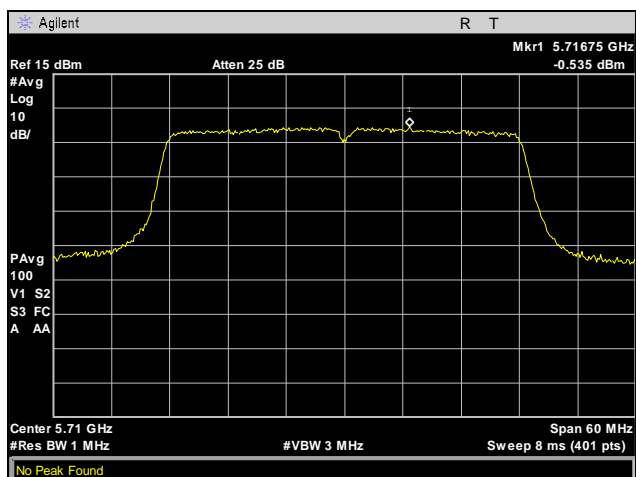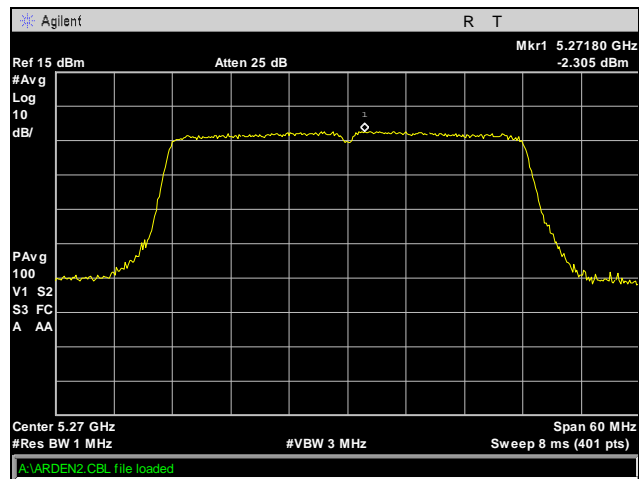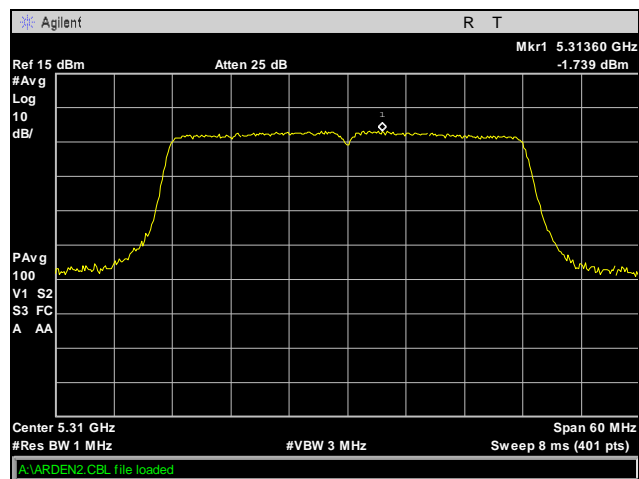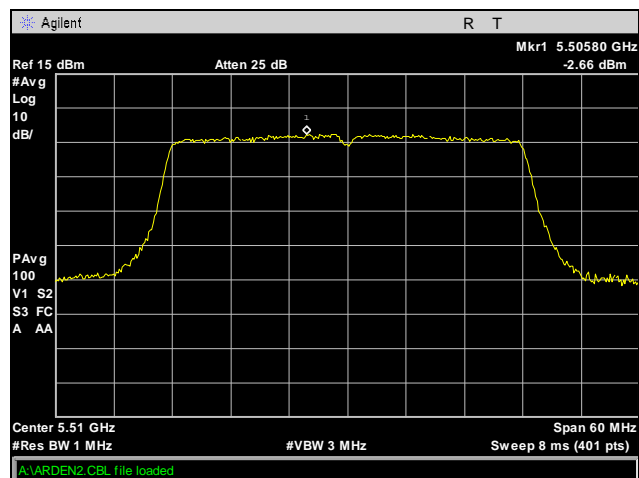**Plot 864. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 5, Radio 1, 8x8**

Power Spectral Density, 802.11ac 40 MHz, Port 6, Radio 1, 8x8

Plot 865. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 6, Radio 1, 8x8

Plot 866. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 6, Radio 1, 8x8

Plot 867. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 6, Radio 1, 8x8

Plot 868. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 6, Radio 1, 8x8

Plot 869. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 6, Radio 1, 8x8

Plot 870. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 5, Radio 1, 8x8

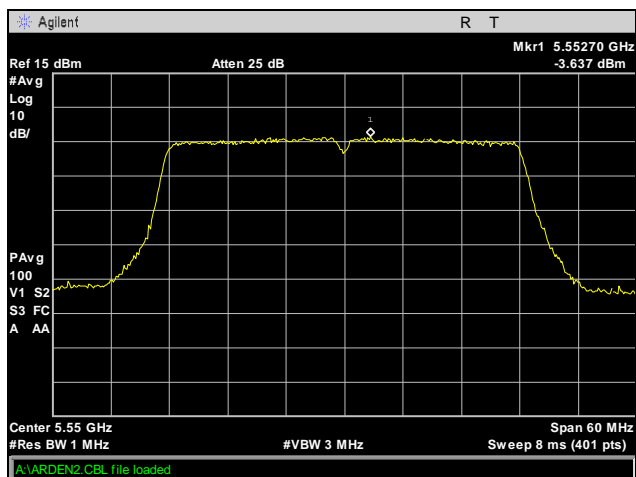## Power Spectral Density, 802.11ac 40 MHz, Port 7, Radio 1, 8x8

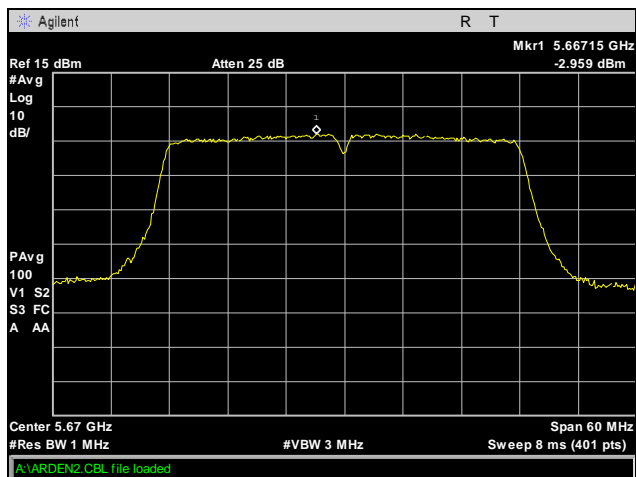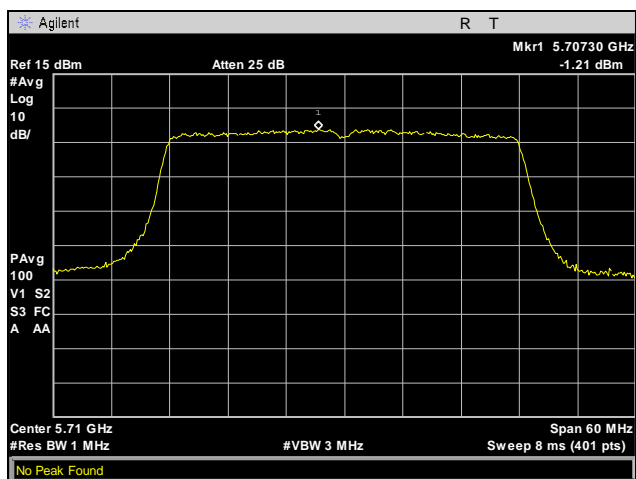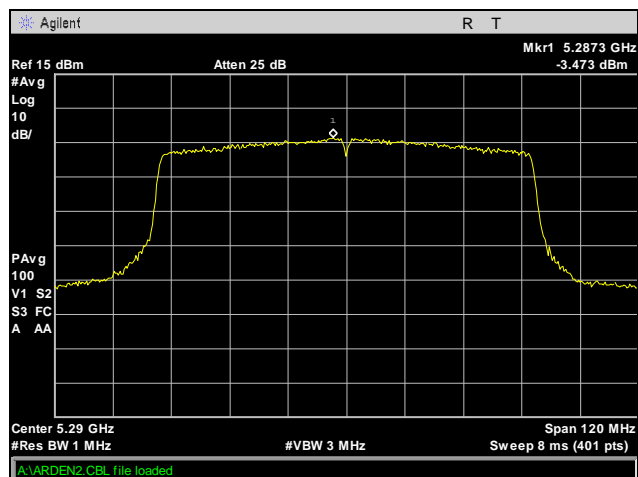**Plot 871. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 7, Radio 1, 8x8**

Plot 872. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 7, Radio 1, 8x8

Plot 873. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 7, Radio 1, 8x8

Plot 874. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 7, Radio 1, 8x8

Plot 875. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 7, Radio 1, 8x8
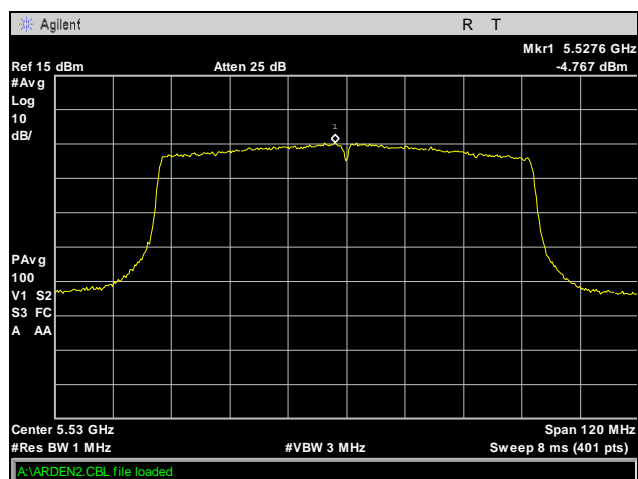

Plot 876. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 7, Radio 1, 8x8
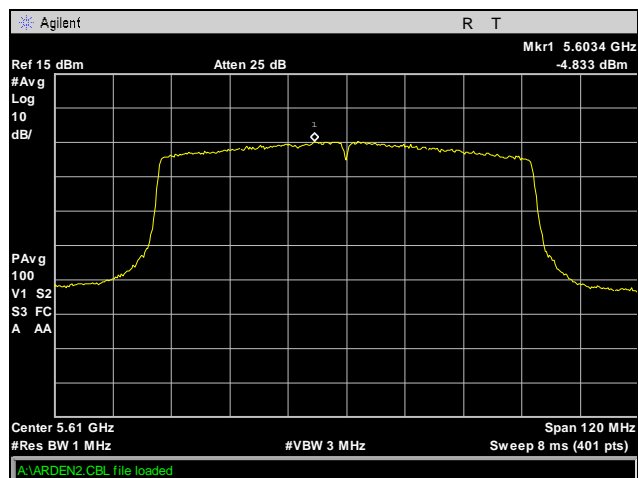
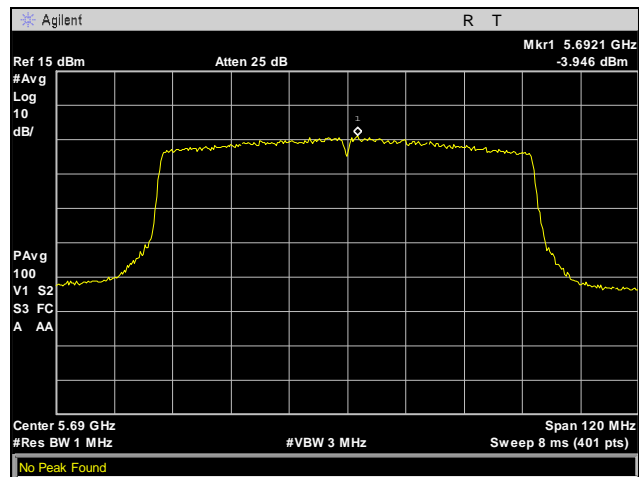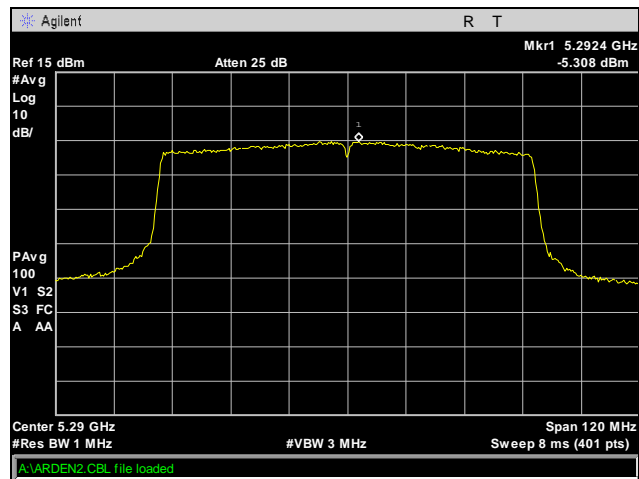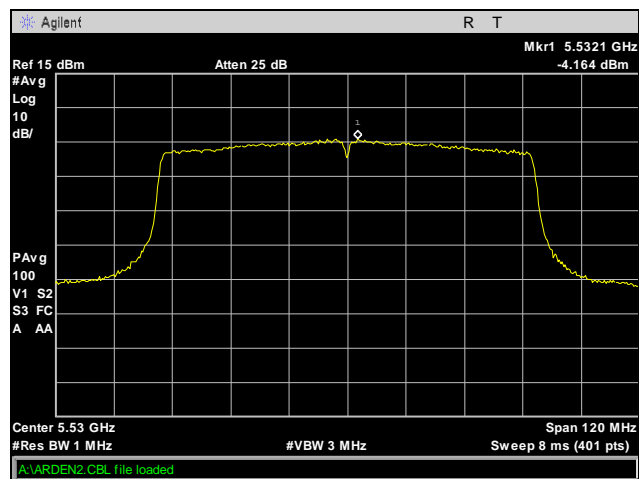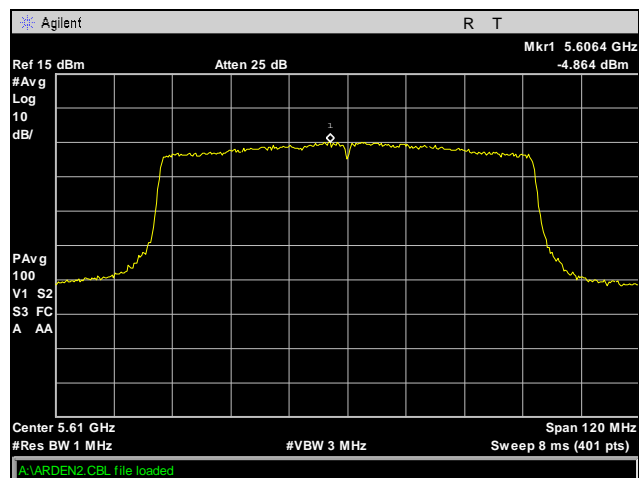## Power Spectral Density, 802.11ac 40 MHz, Port 8, Radio 1, 8x8

Plot 877. Power Spectral Density, 802.11ac 40 MHz, 5270 MHz, Port 8, Radio 1, 8x8

Plot 878. Power Spectral Density, 802.11ac 40 MHz, 5310 MHz, Port 8, Radio 1, 8x8

Plot 879. Power Spectral Density, 802.11ac 40 MHz, 5510 MHz, Port 8, Radio 1, 8x8

Plot 880. Power Spectral Density, 802.11ac 40 MHz, 5550 MHz, Port 8, Radio 1, 8x8

Plot 881. Power Spectral Density, 802.11ac 40 MHz, 5670 MHz, Port 8, Radio 1, 8x8

Plot 882. Power Spectral Density, 802.11ac 40 MHz, 5710 MHz, Port 8, Radio 1, 8x8

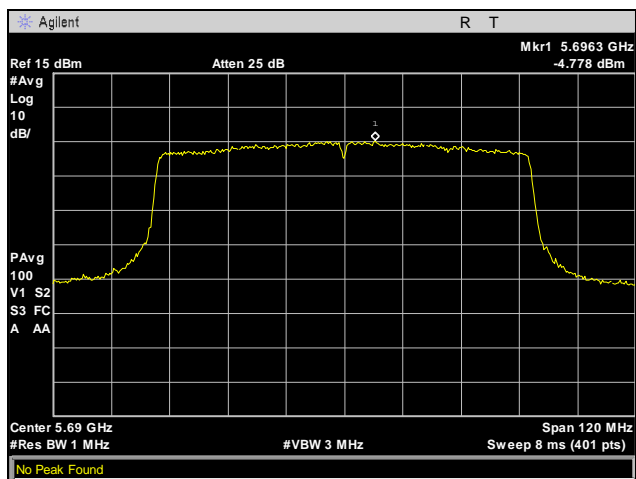## Power Spectral Density, 802.11ac 80 MHz, Port 1, Radio 0, 8x8

Plot 883. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 1, Radio 0, 8x8

Plot 884. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 1, Radio 0, 8x8
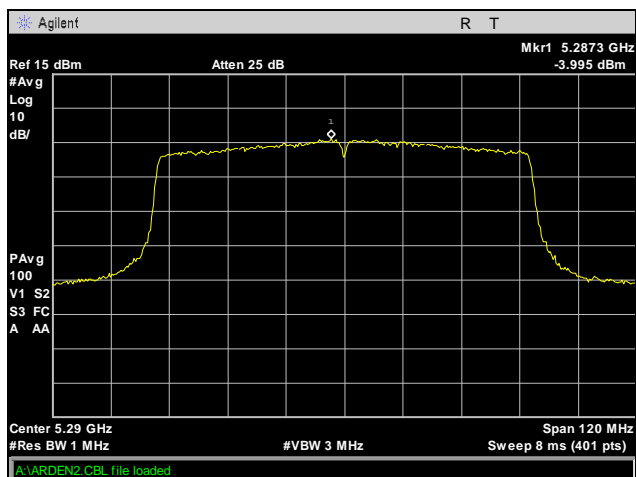

Plot 885. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 1, Radio 0, 8x8
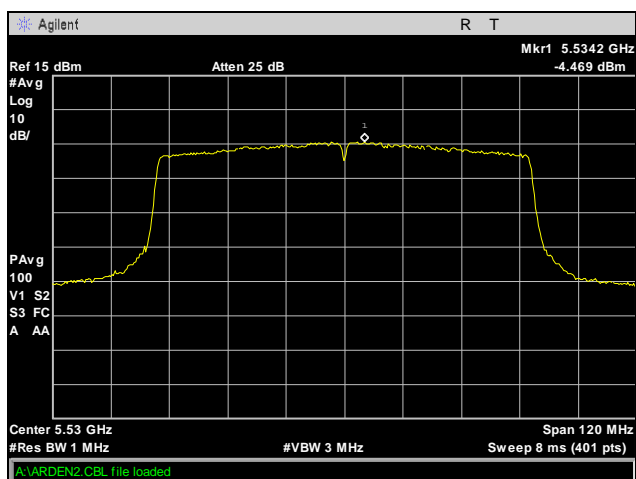
Plot 886. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 1, Radio 0, 8x8
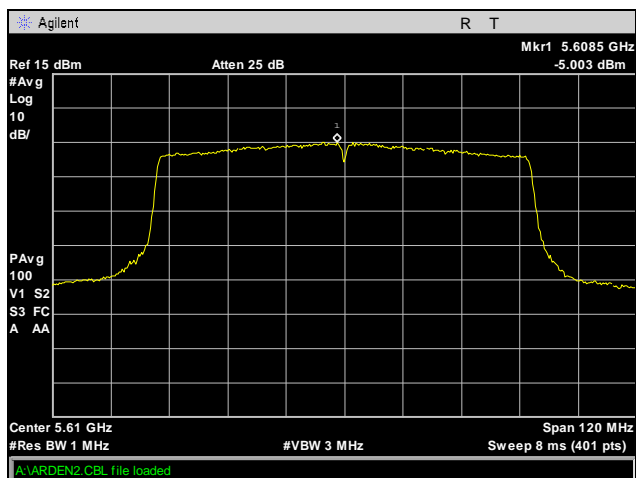
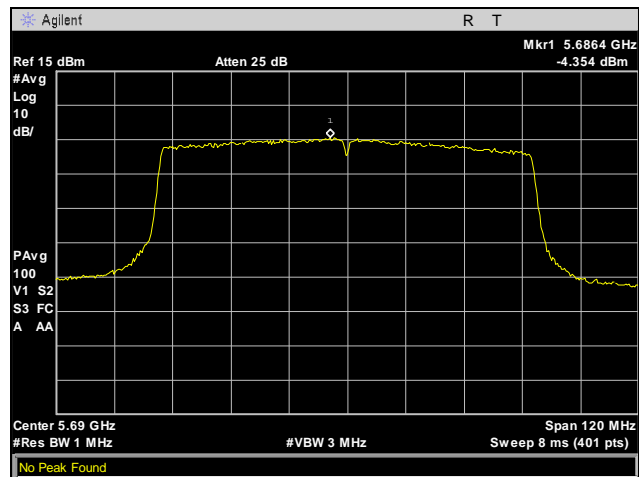## Power Spectral Density, 802.11ac 80 MHz, Port 2, Radio 0, 8x8

Plot 887. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 2, Radio 0, 8x8

Plot 888. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 2, Radio 0, 8x8
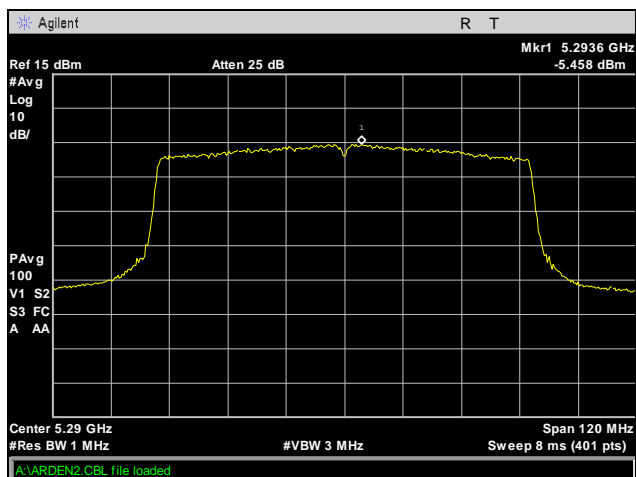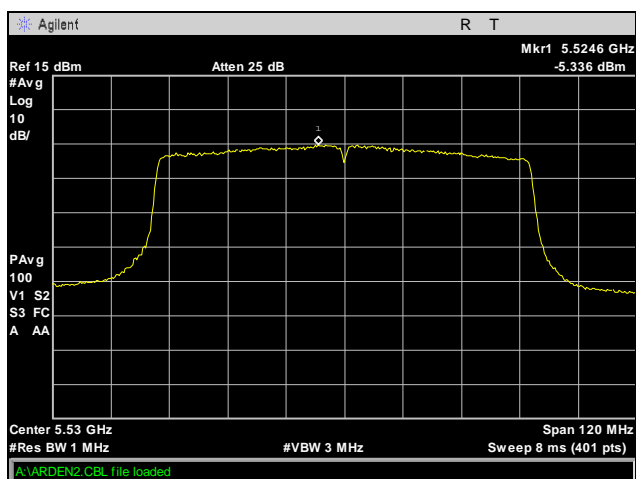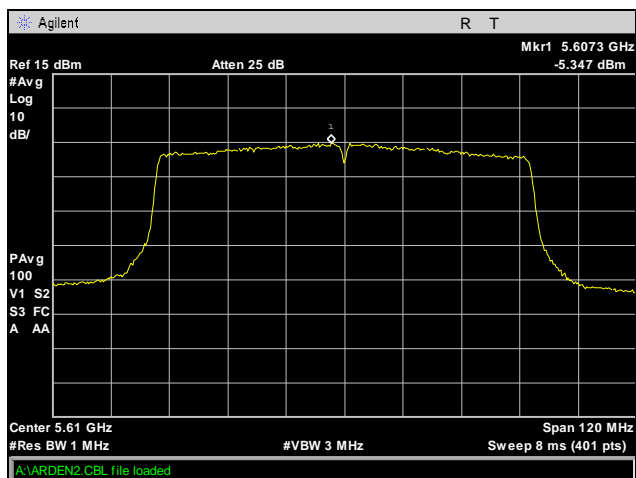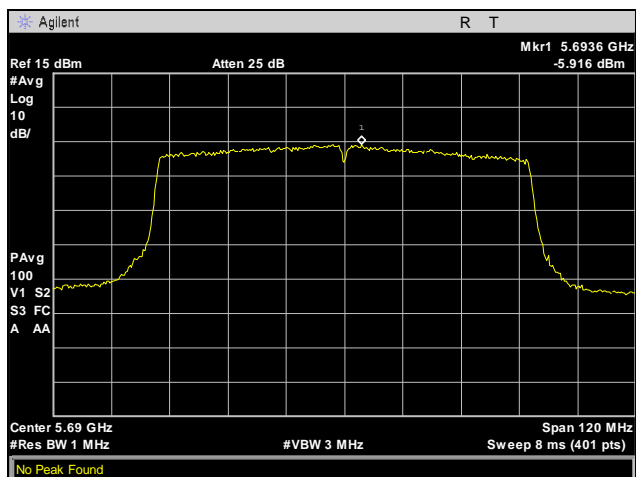

Plot 889. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 2, Radio 0, 8x8

ARRIS Group, Inc.
TG3482 (ER3)

Plot 890. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 2, Radio 0, 8x8

MET
®
ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
CFR Title 47, Part 15, Subpart E

Power Spectral Density, 802.11ac 80 MHz, Port 3, Radio 0, 8x8

Plot 891. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 3, Radio 0, 8x8

Plot 892. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 3, Radio 0, 8x8
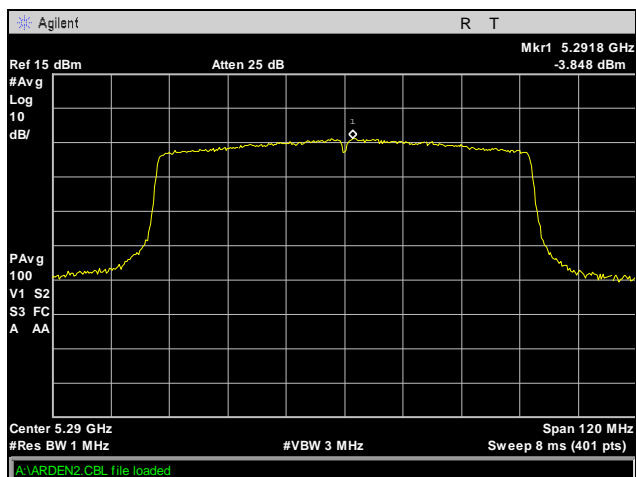

Plot 893. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 3, Radio 0, 8x8
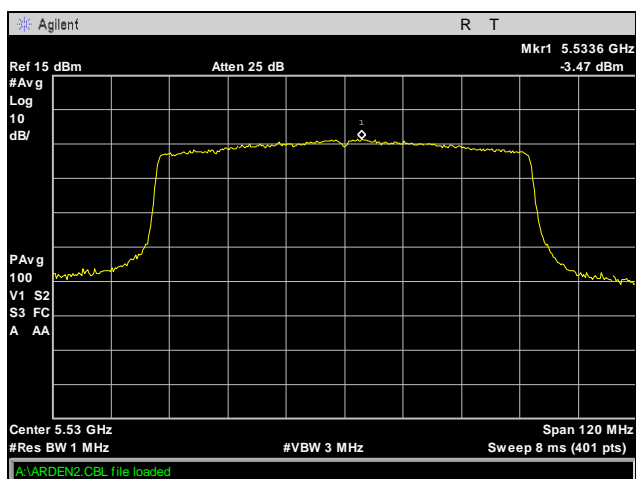
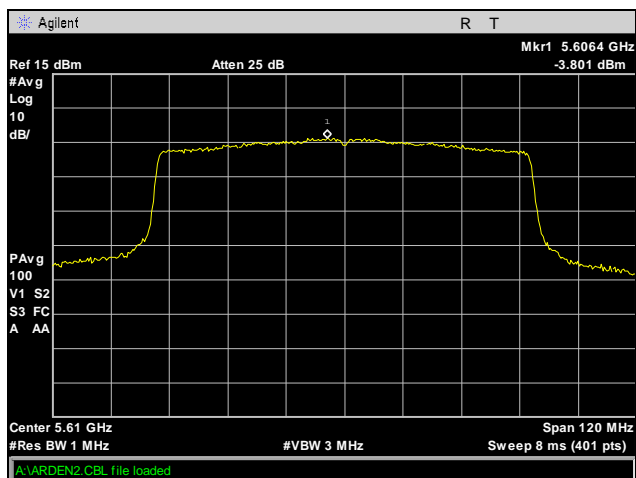**Plot 894. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 3, Radio 0, 8x8**

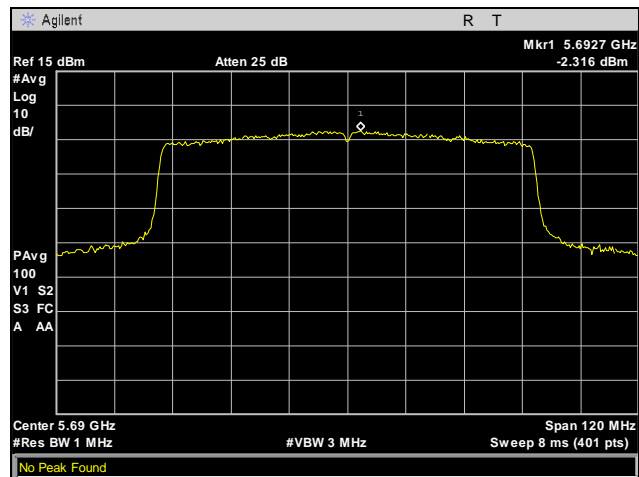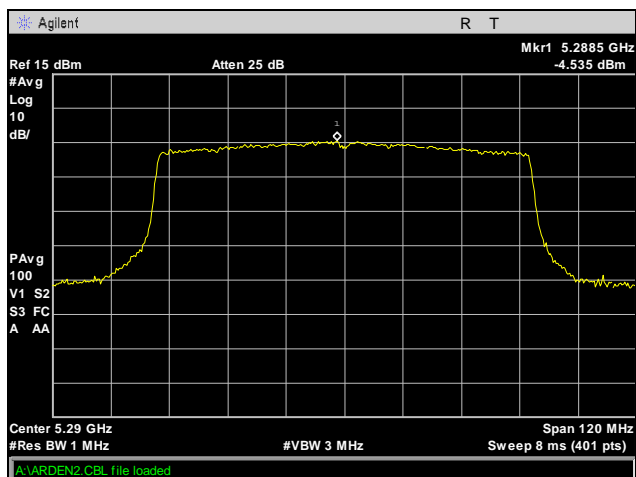## Power Spectral Density, 802.11ac 80 MHz, Port 4, Radio 0, 8x8

Plot 895. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 4, Radio 0, 8x8

Plot 896. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 4, Radio 0, 8x8

Plot 897. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 4, Radio 0, 8x8

Plot 898. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 4, Radio 0, 8x8

Power Spectral Density, 802.11ac 80 MHz, Port 5, Radio 1, 8x8

Plot 899. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 5, Radio 1, 8x8

Plot 900. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 5, Radio 1, 8x8

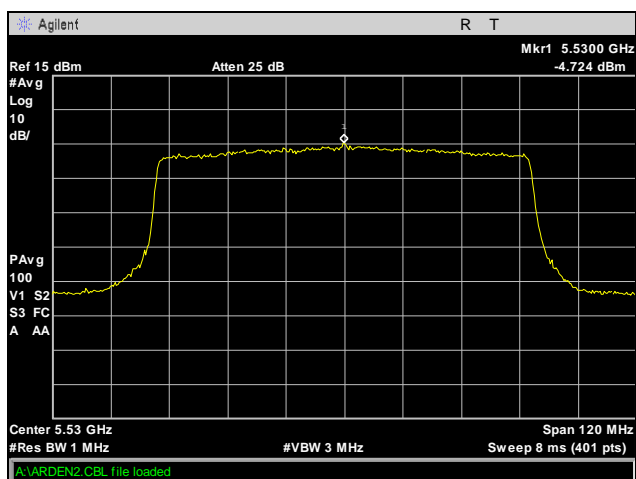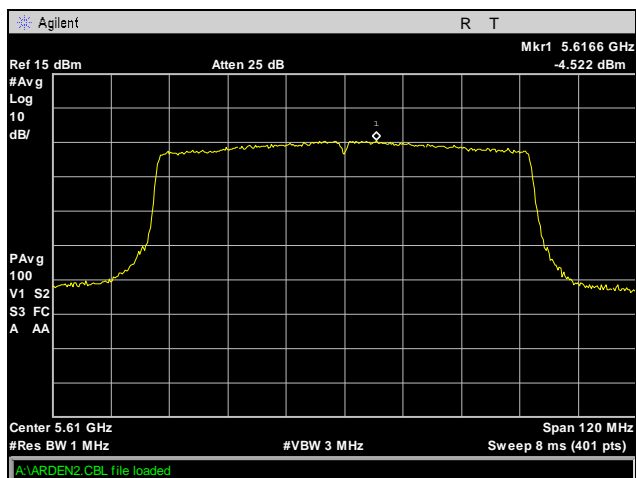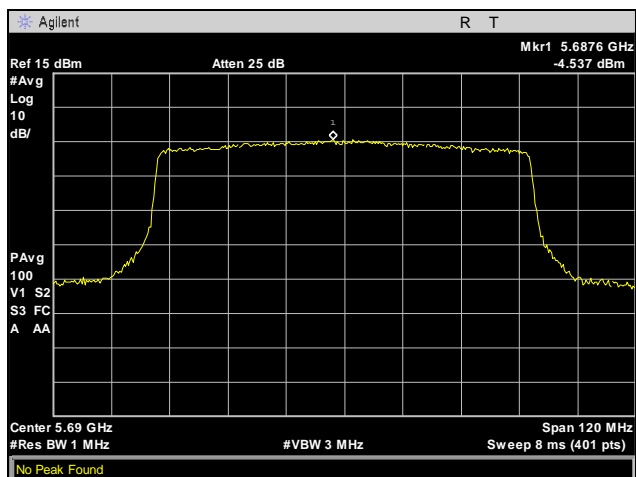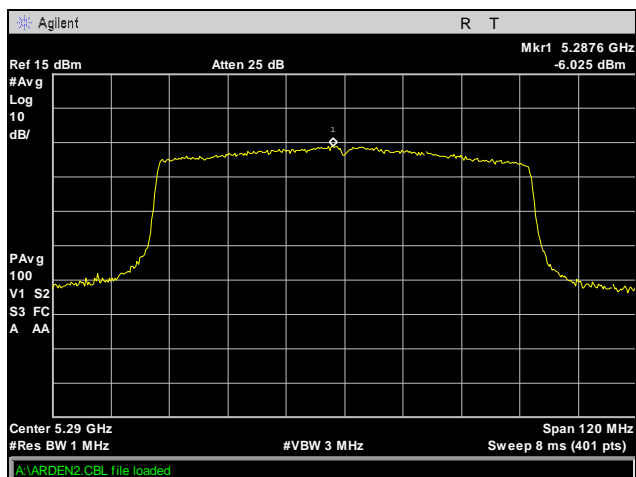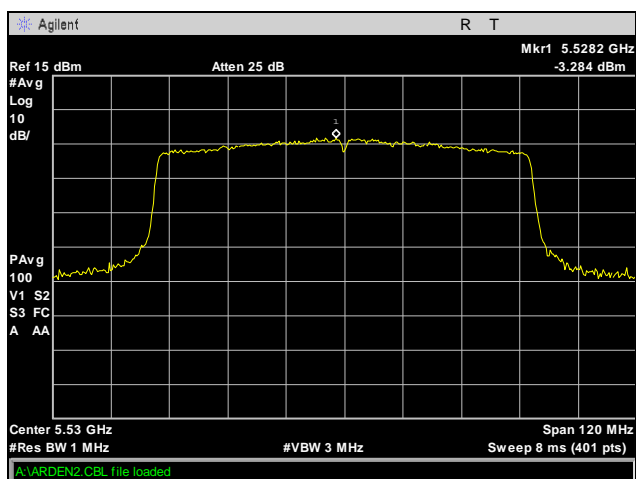**Plot 901. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 5, Radio 1, 8x8**

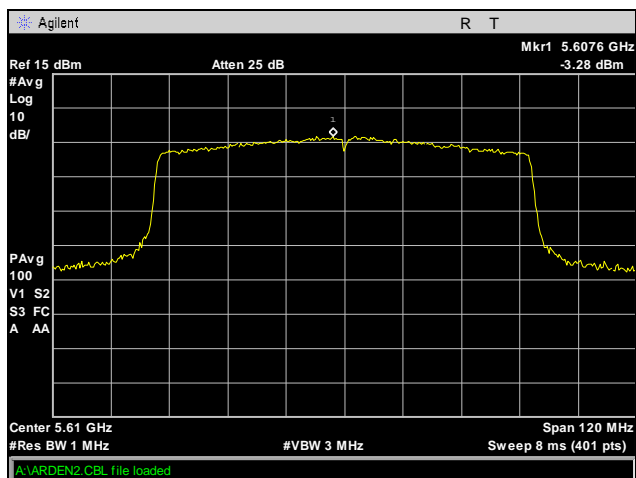**Plot 902. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 5, Radio 1, 8x8**

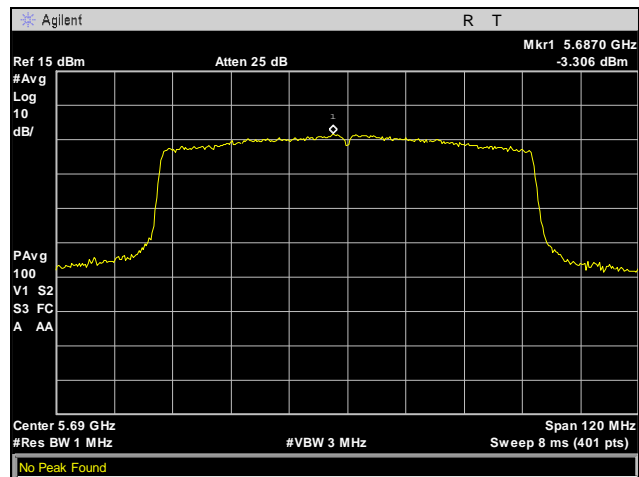## Power Spectral Density, 802.11ac 80 MHz, Port 6, Radio 1, 8x8

Plot 903. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 6, Radio 1, 8x8

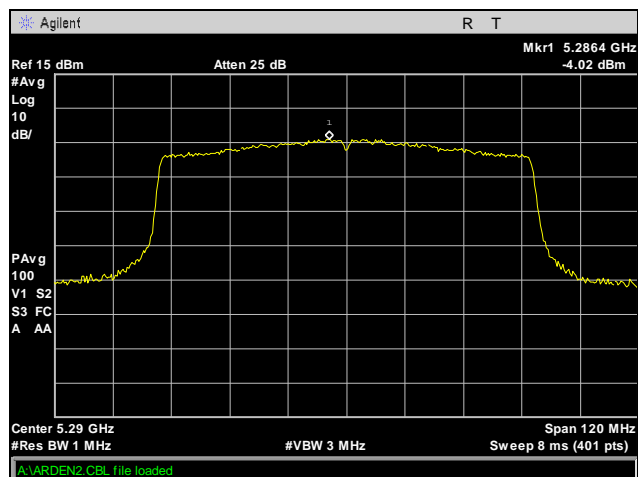**Plot 904. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 6, Radio 1, 8x8**

Plot 905. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 6, Radio 1, 8x8

MET®

ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
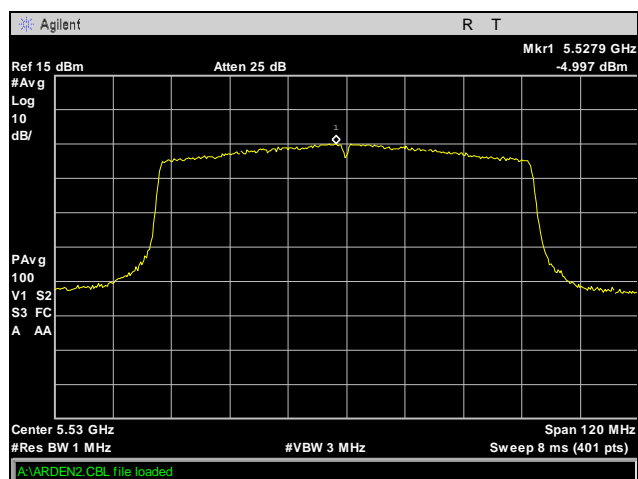**CFR Title 47, Part 15, Subpart E**

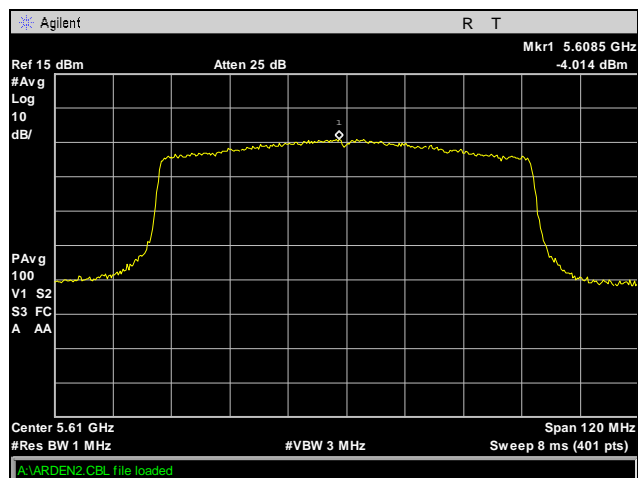**Plot 906. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 6, Radio 1, 8x8**

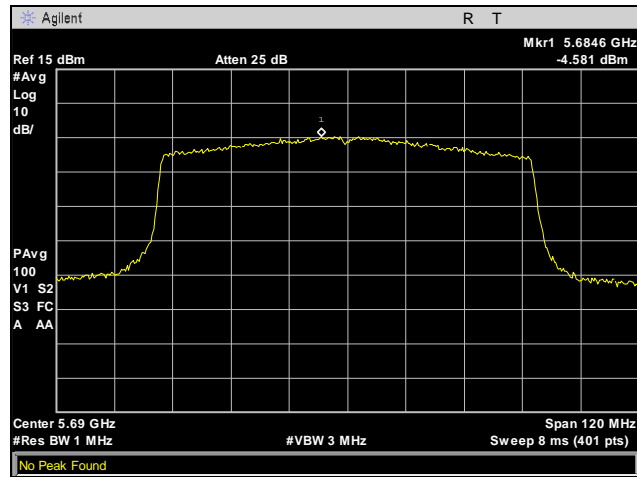## Power Spectral Density, 802.11ac 80 MHz, Port 7, Radio 1, 8x8

Plot 907. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 7, Radio 1, 8x8

Plot 908. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 7, Radio 1, 8x8
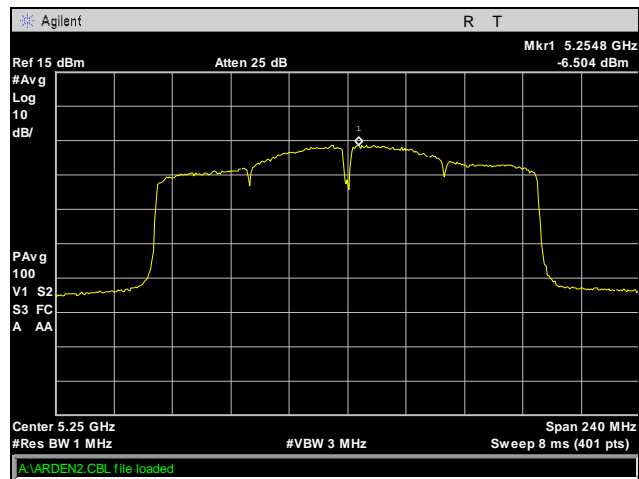

Plot 909. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 7, Radio 1, 8x8
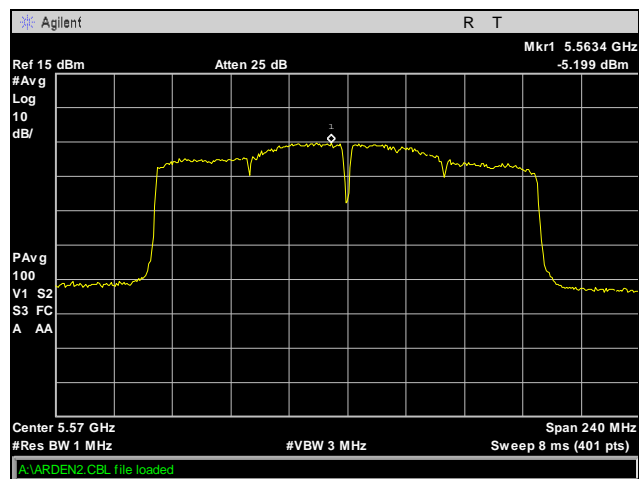
Plot 910. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 7, Radio 1, 8x8

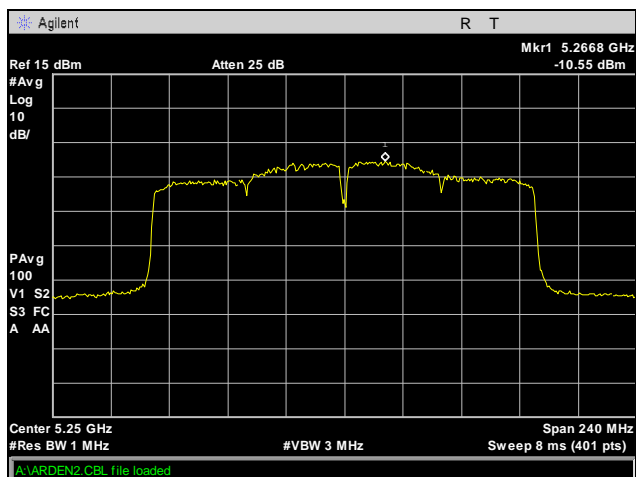**Power Spectral Density, 802.11ac 80 MHz, Port 8, Radio 1, 8x8**

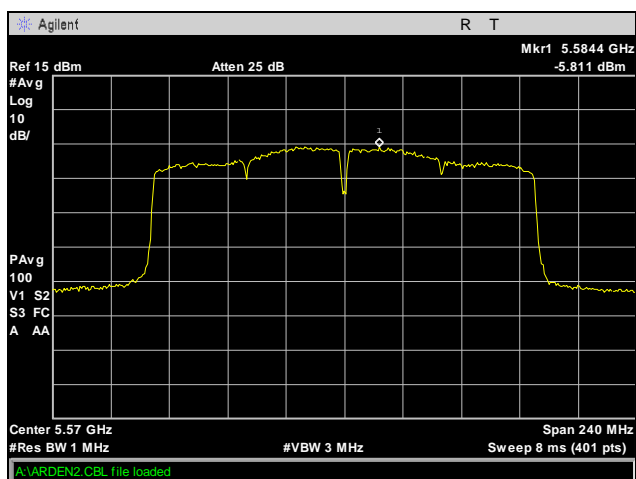**Plot 911. Power Spectral Density, 802.11ac 80 MHz, 5290 MHz, Port 8, Radio 1, 8x8**

Plot 912. Power Spectral Density, 802.11ac 80 MHz, 5530 MHz, Port 8, Radio 1, 8x8

Plot 913. Power Spectral Density, 802.11ac 80 MHz, 5610 MHz, Port 8, Radio 1, 8x8

Plot 914. Power Spectral Density, 802.11ac 80 MHz, 5690 MHz, Port 8, Radio 1, 8x8

Power Spectral Density, 802.11ac 160 MHz, Port 1, Radio 0, 8x8

Plot 915. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 1, Radio 0, 8x8

Plot 916. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 1, Radio 0, 8x8

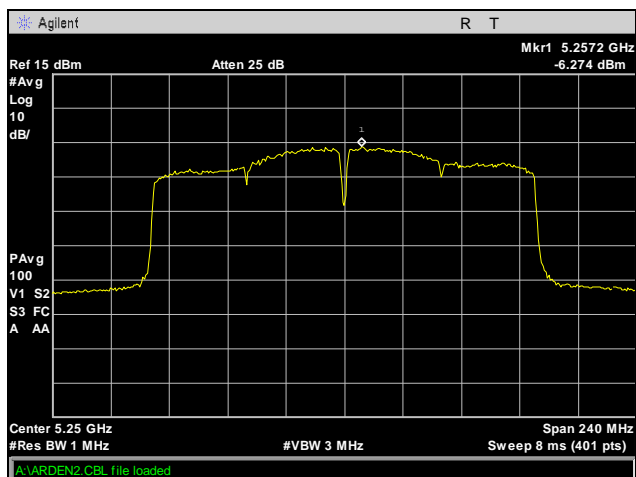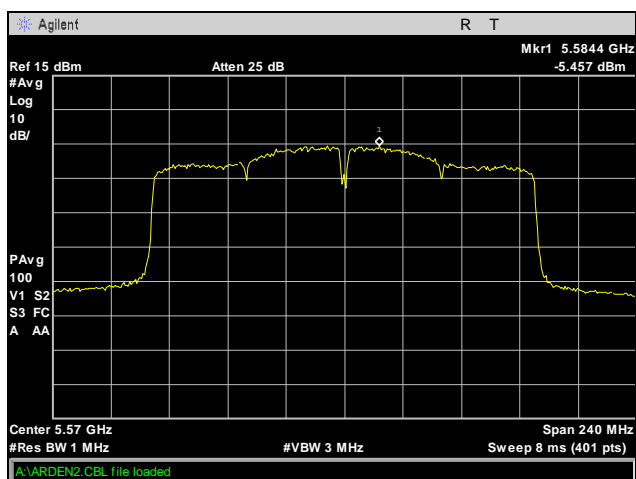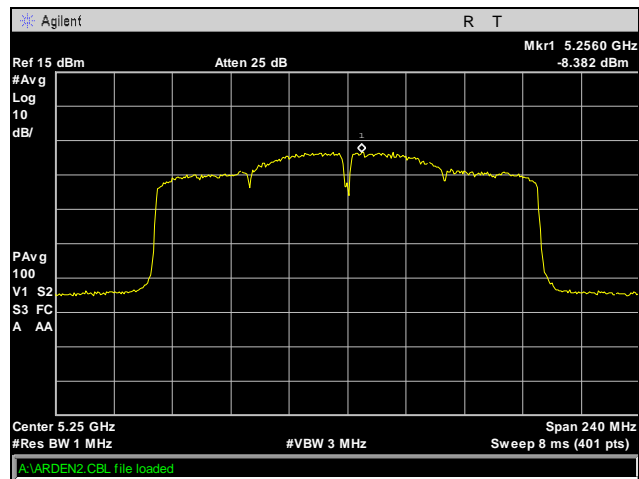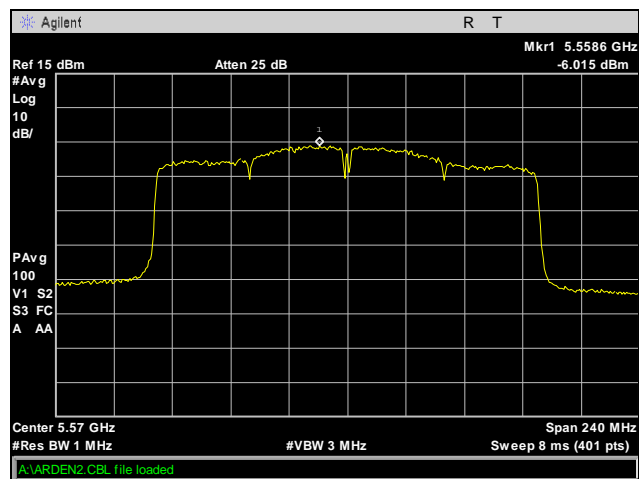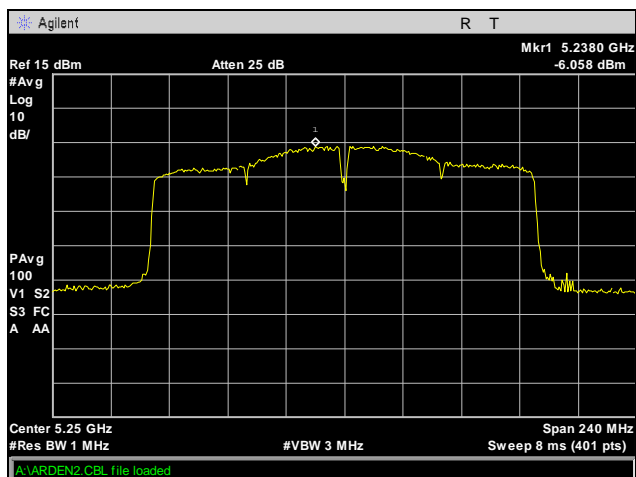## Power Spectral Density, 802.11ac 160 MHz, Port 2, Radio 0, 8x8

Plot 917. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 2, Radio 0, 8x8

Plot 918. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 2, Radio 0, 8x8

Power Spectral Density, 802.11ac 160 MHz, Port 3, Radio 0, 8x8

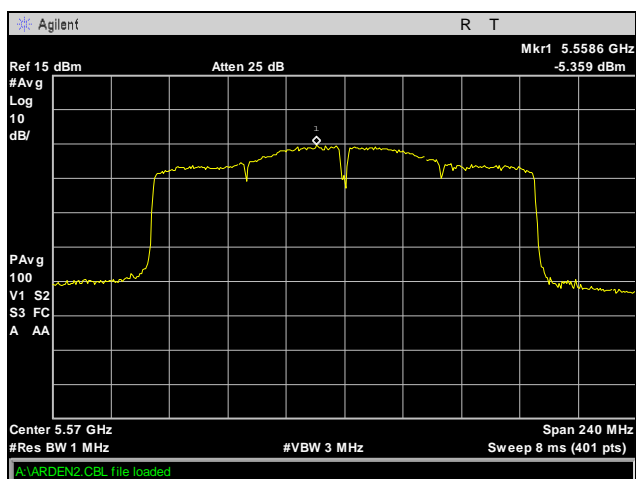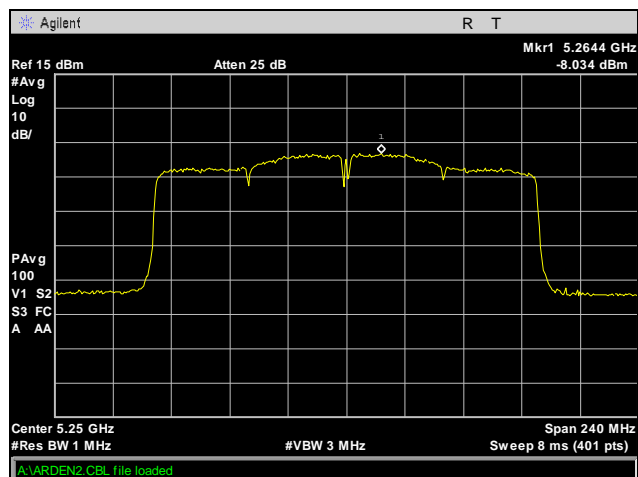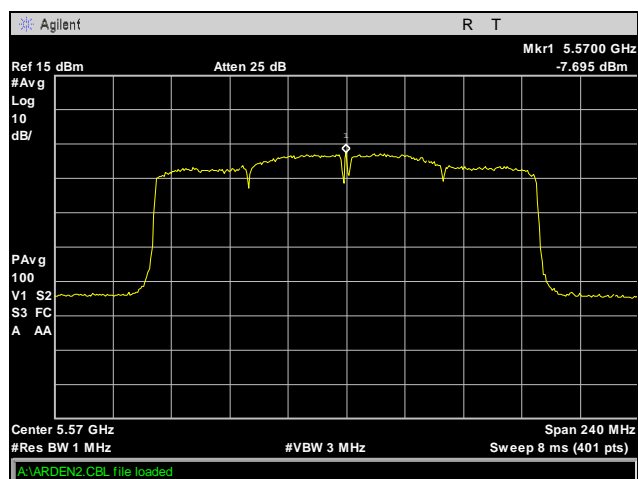**Plot 919. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 3, Radio 0, 8x8**

Plot 920. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 3, Radio 0, 8x8

Power Spectral Density, 802.11ac 160 MHz, Port 4, Radio 0, 8x8

Plot 921. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 4, Radio 0, 8x8

Plot 922. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 4, Radio 0, 8x8

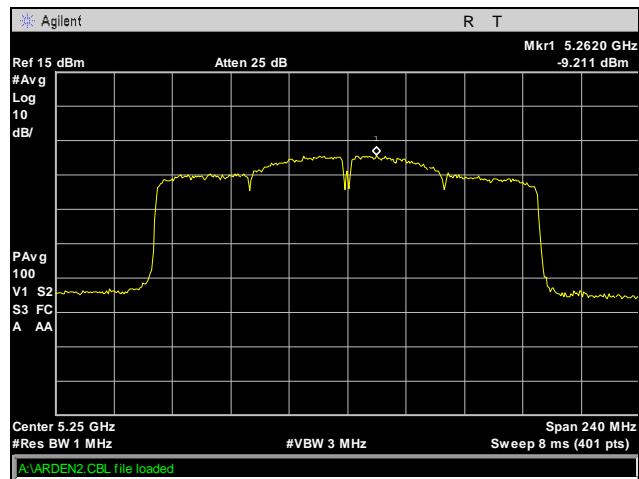## Power Spectral Density, 802.11ac 160 MHz, Port 5, Radio 1, 8x8

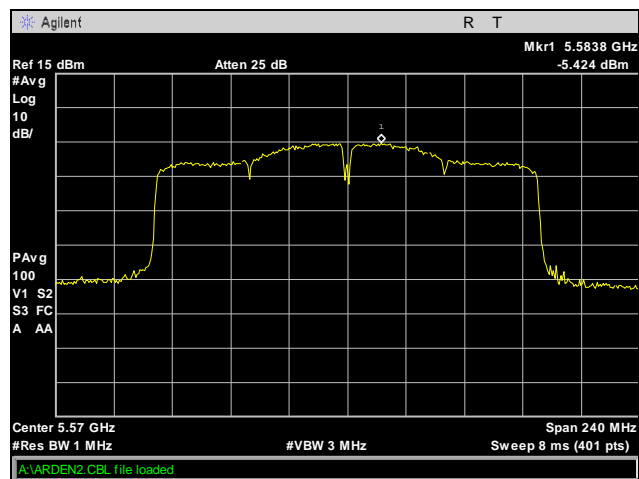**Plot 923. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 5, Radio 1, 8x8**

Plot 924. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 5, Radio 1, 8x8

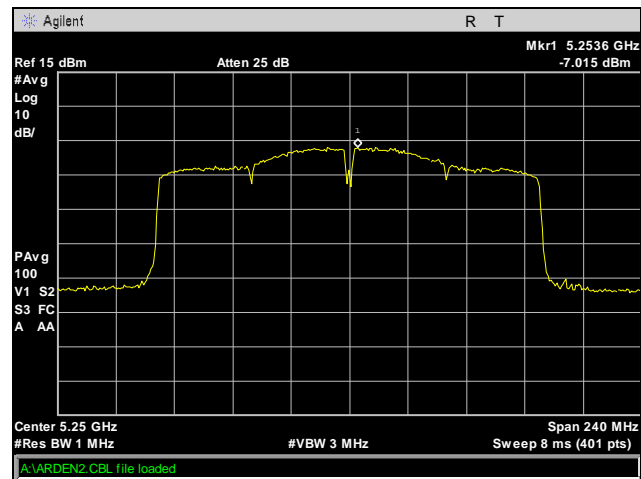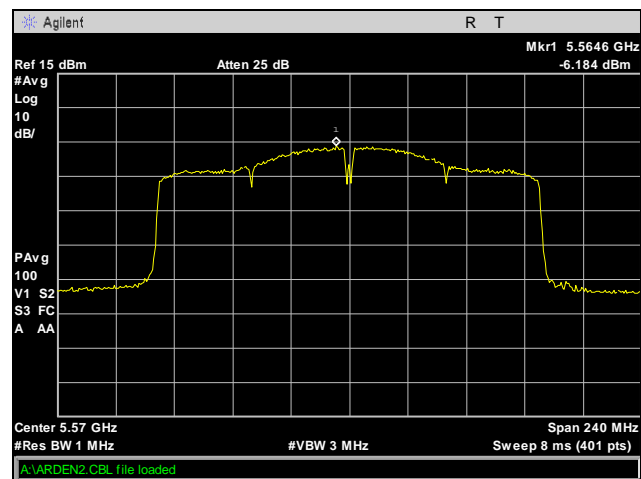## Power Spectral Density, 802.11ac 160 MHz, Port 6, Radio 1, 8x8

Plot 925. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 6, Radio 1, 8x8

Plot 926. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 6, Radio 1, 8x8

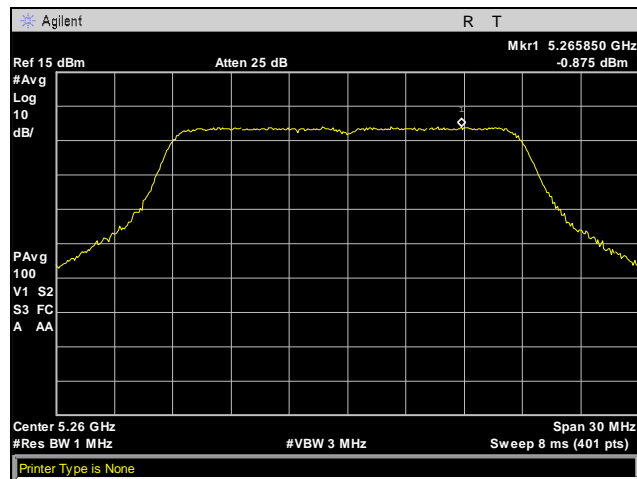## Power Spectral Density, 802.11ac 160 MHz, Port 7, Radio 1, 8x8

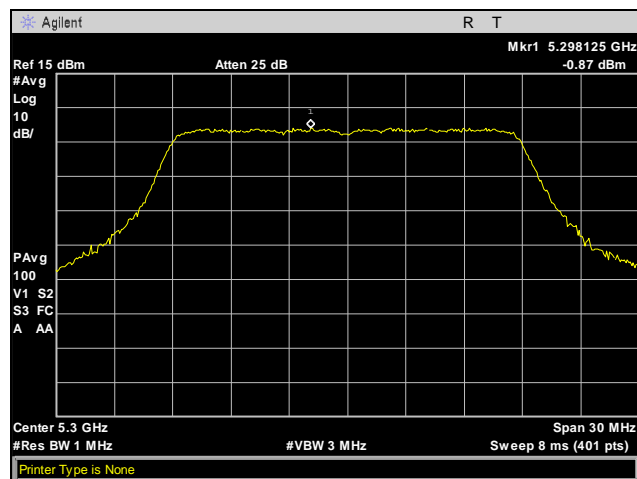**Plot 927. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 7, Radio 1, 8x8**

Plot 928. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 7, Radio 1, 8x8

Power Spectral Density, 802.11ac 160 MHz, Port 8, Radio 1, 8x8

Plot 929. Power Spectral Density, 802.11ac 160 MHz, 5250 MHz, Port 8, Radio 1, 8x8

Plot 930. Power Spectral Density, 802.11ac 160 MHz, 5570 MHz, Port 8, Radio 1, 8x8
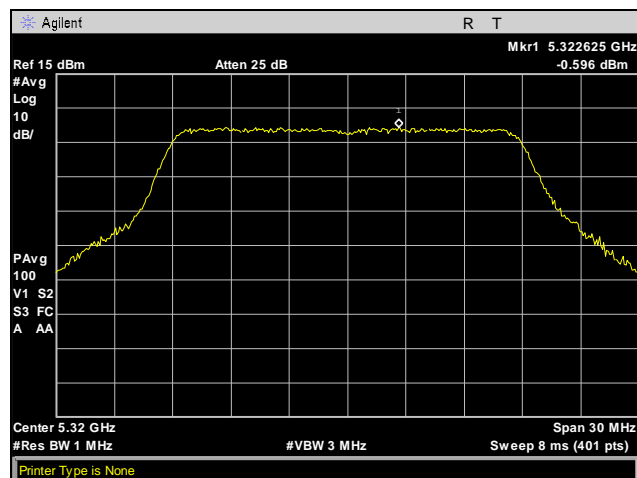
Power Spectral Density, 802.11n 20 MHz, Port 1, Radio 0, 8x8
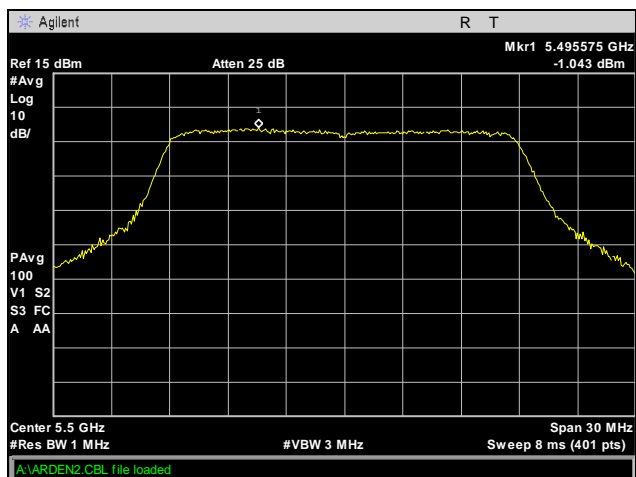

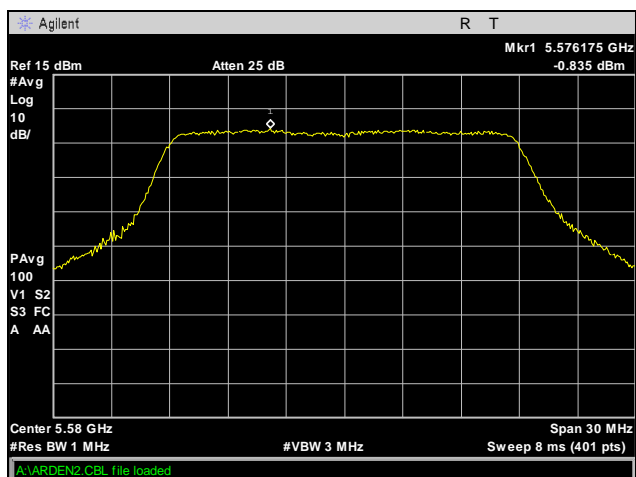**Plot 931. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 1, Radio 0, 8x8**

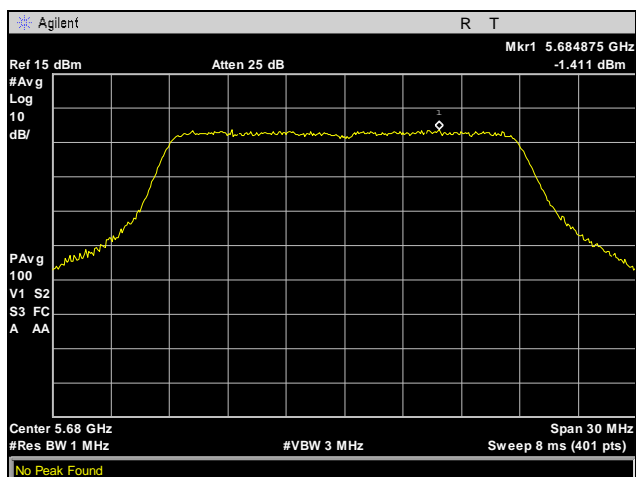**Plot 932. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 1, Radio 0, 8x8**

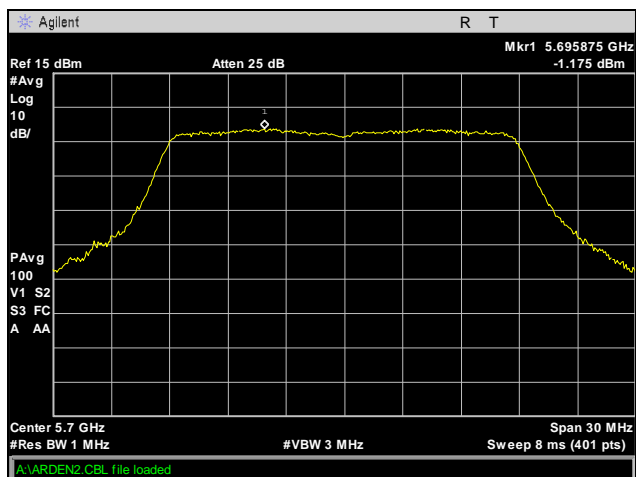**Plot 933. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 1, Radio 0, 8x8**

Plot 934. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 1, Radio 0, 8x8
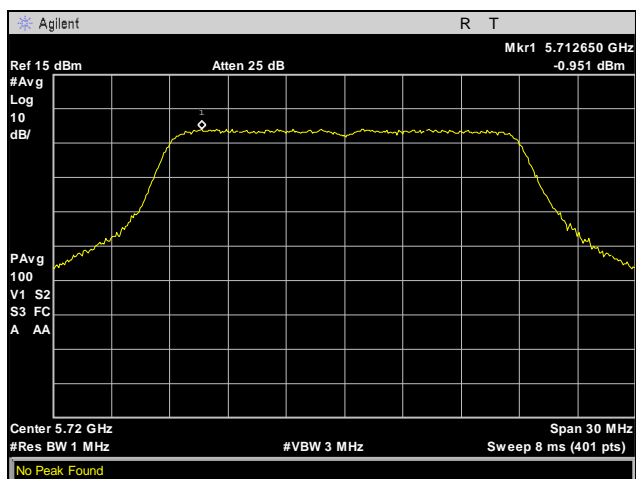

Plot 935. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 1, Radio 0, 8x8

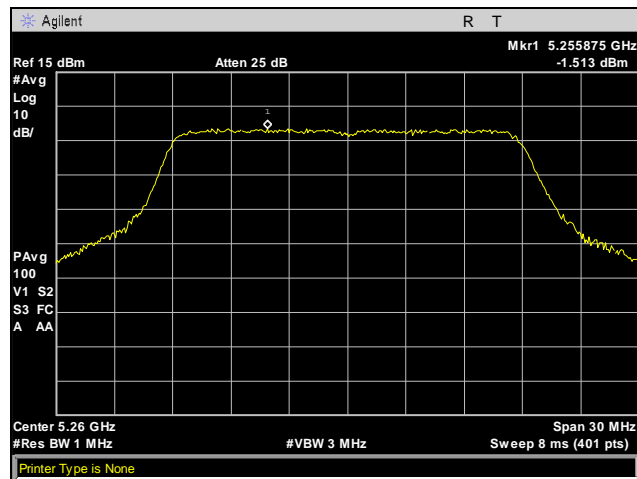**Plot 936. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 1, Radio 0, 8x8**

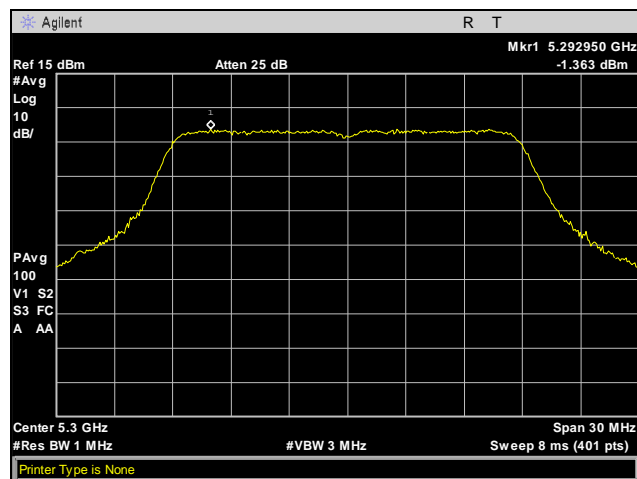**Plot 937. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 1, Radio 0, 8x8**

Plot 938. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 1, Radio 0, 8x8
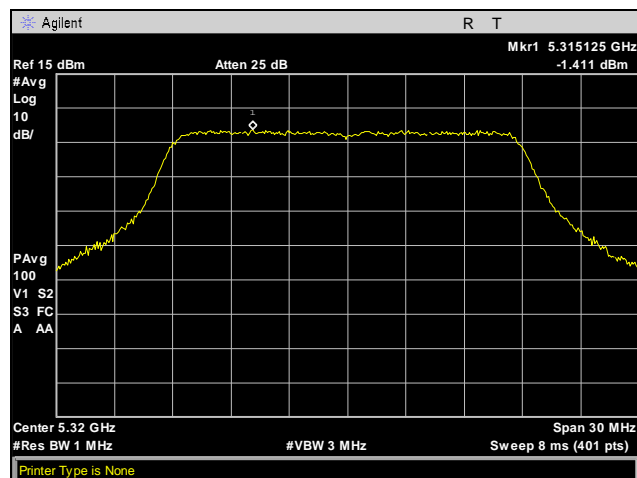
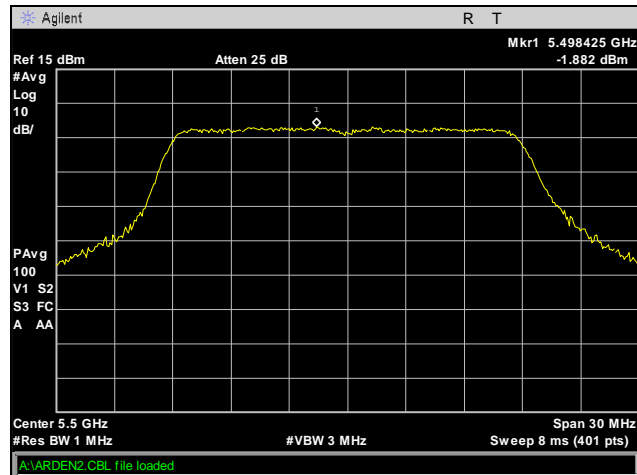## Power Spectral Density, 802.11n 20 MHz, Port 2, Radio 0, 8x8

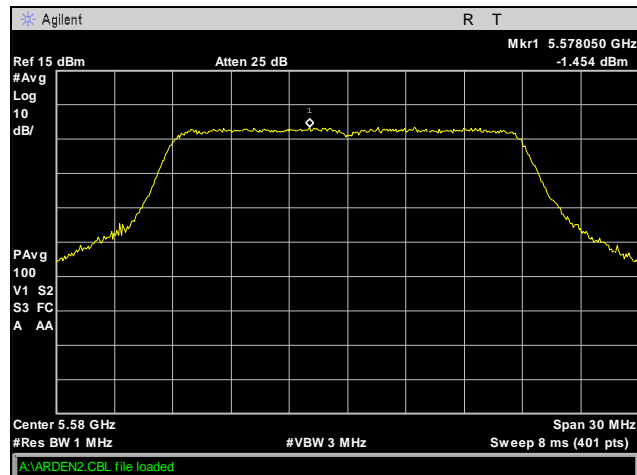**Plot 939. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 2, Radio 0, 8x8**

Plot 940. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 2, Radio 0, 8x8
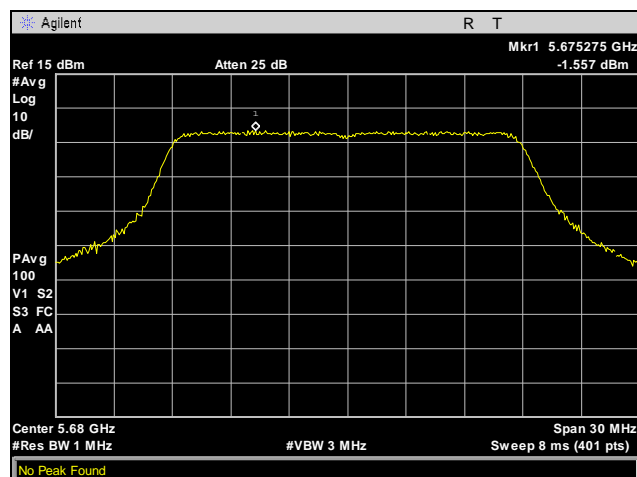

Plot 941. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 2, Radio 0, 8x8
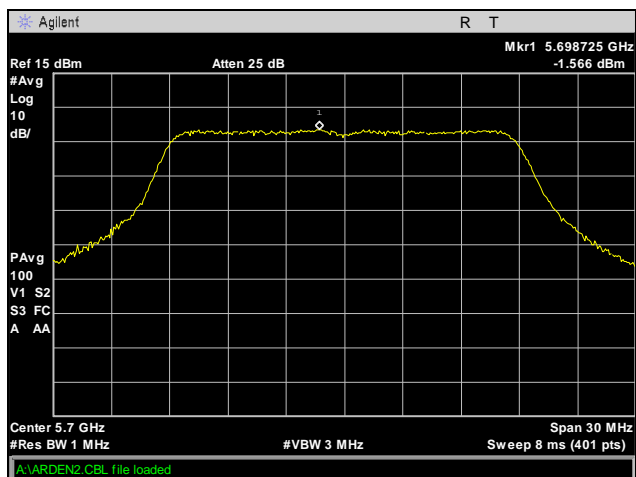
Plot 942. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 2, Radio 0, 8x8
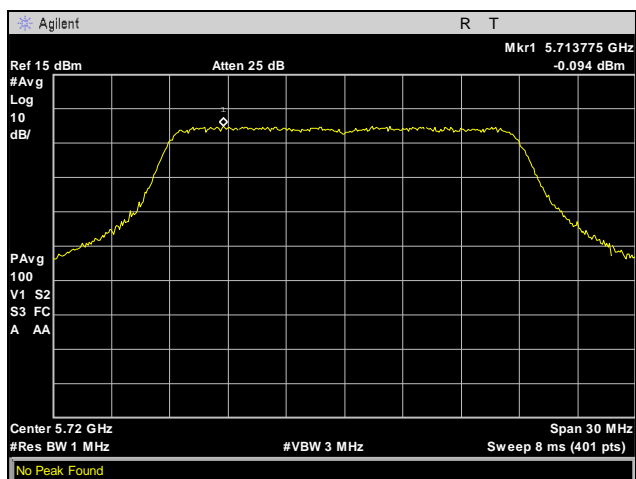

Plot 943. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 2, Radio 0, 8x8

Plot 944. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 2, Radio 0, 8x8
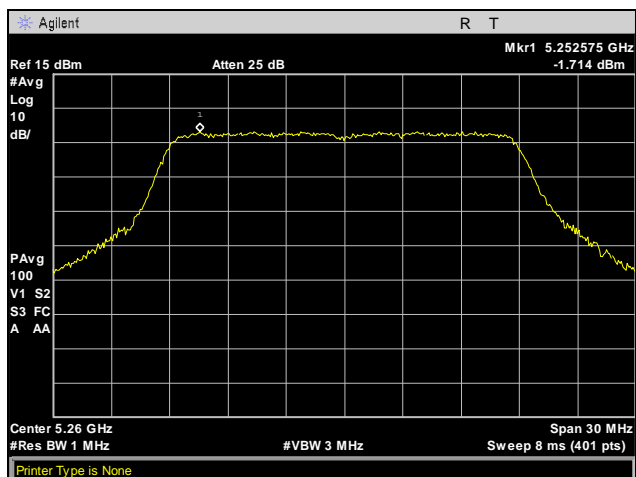
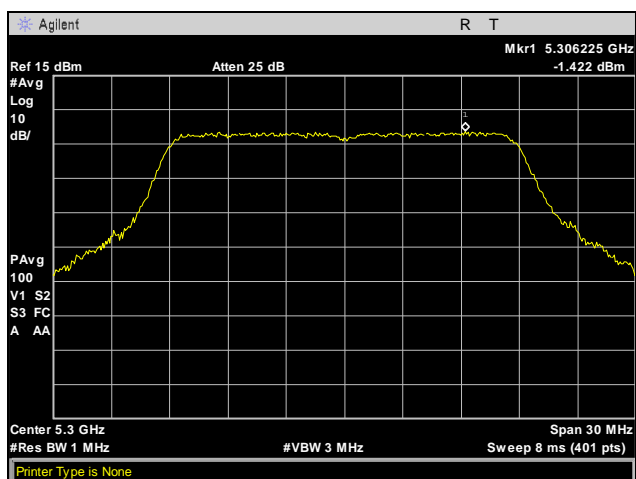**Plot 945. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 2, Radio 0, 8x8**

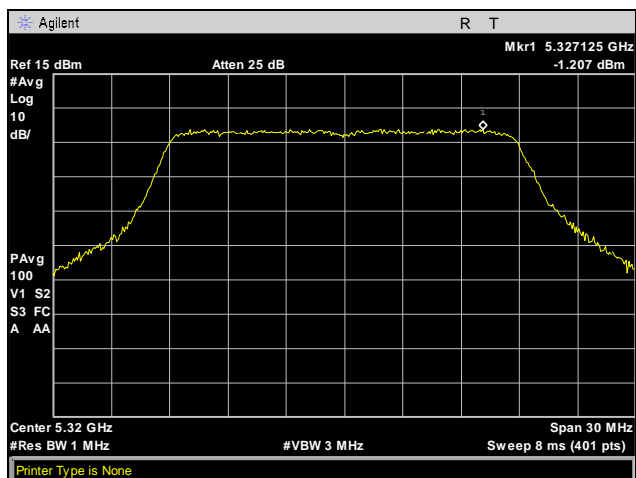**Plot 946. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 2, Radio 0, 8x8**

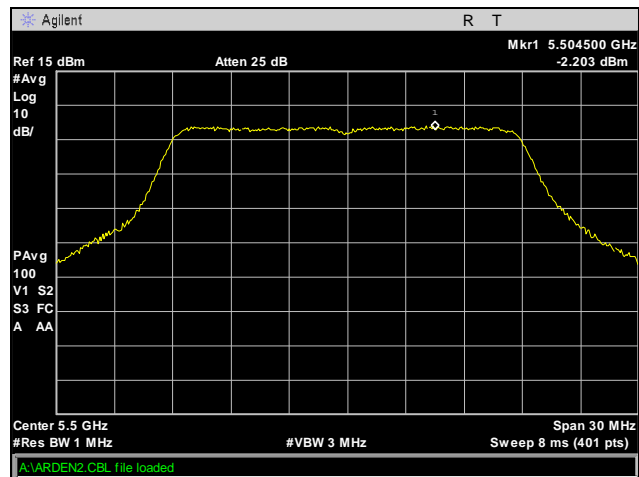## Power Spectral Density, 802.11n 20 MHz, Port 3, Radio 0, 8x8

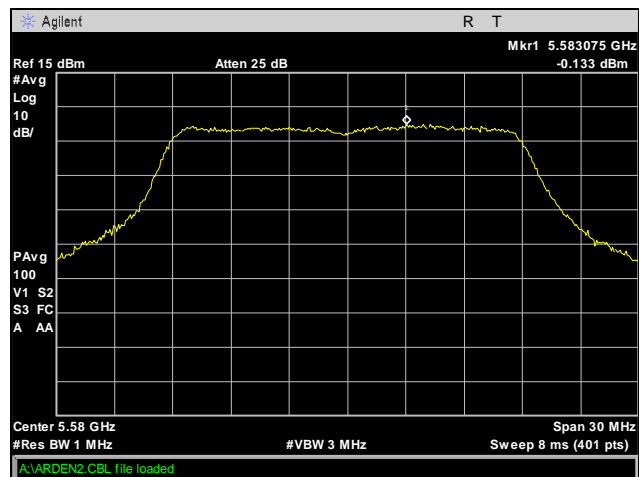**Plot 947. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 3, Radio 0, 8x8**

Plot 948. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 3, Radio 0, 8x8
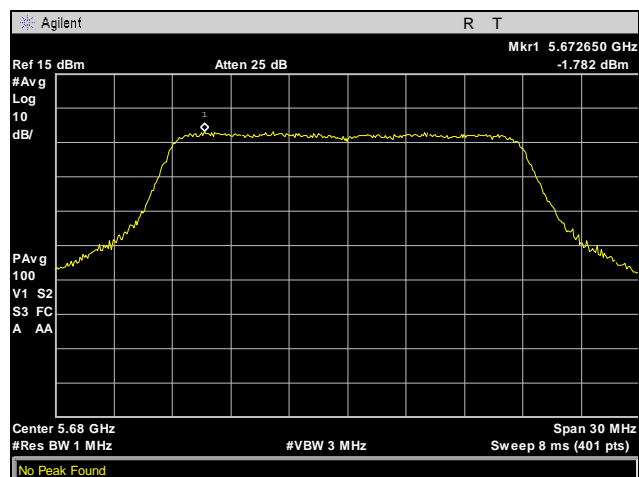

Plot 949. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 3, Radio 0, 8x8

MET

ARRIS Group, Inc.
TG3482 (ER3)

Electromagnetic Compatibility
Intentional Radiators
CFR Title 47, Part 15, Subpart E

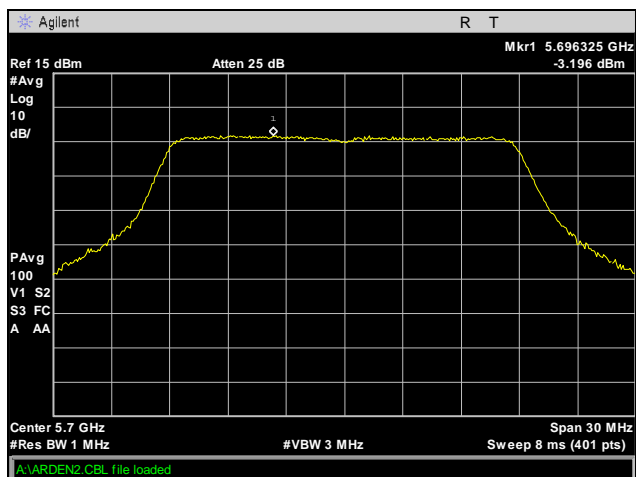**Plot 950. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 3, Radio 0, 8x8**

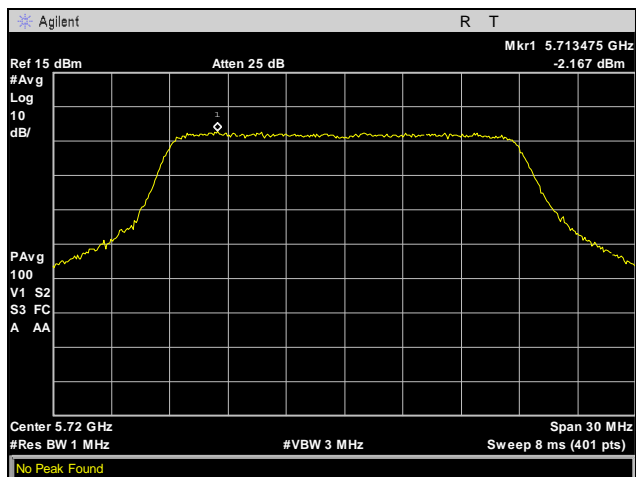**Plot 951. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 3, Radio 0, 8x8**

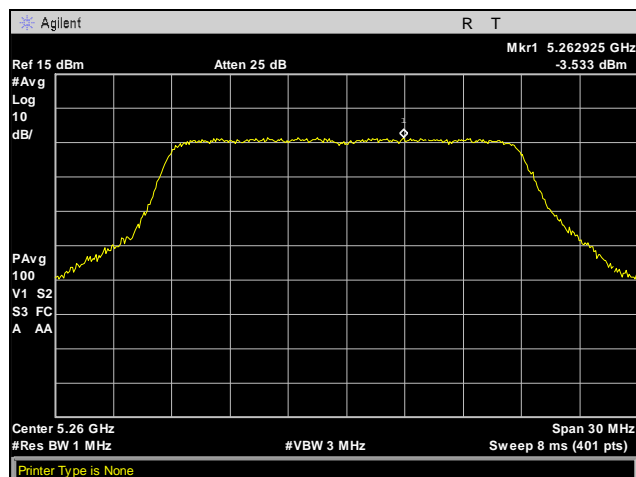**Plot 952. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 3, Radio 0, 8x8**

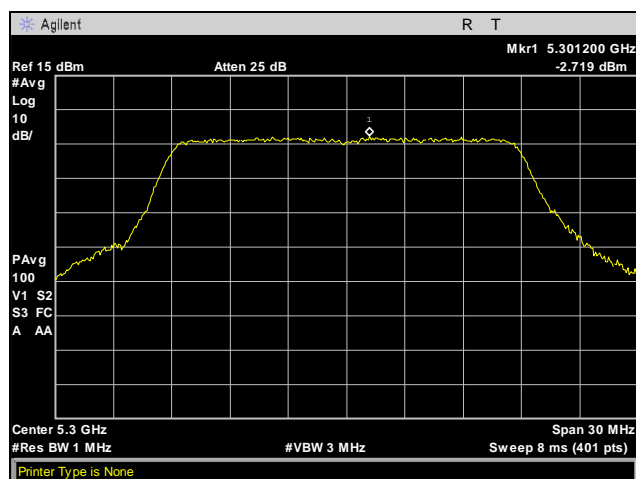**Plot 953. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 3, Radio 0, 8x8**

Plot 954. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 3, Radio 0, 8x8
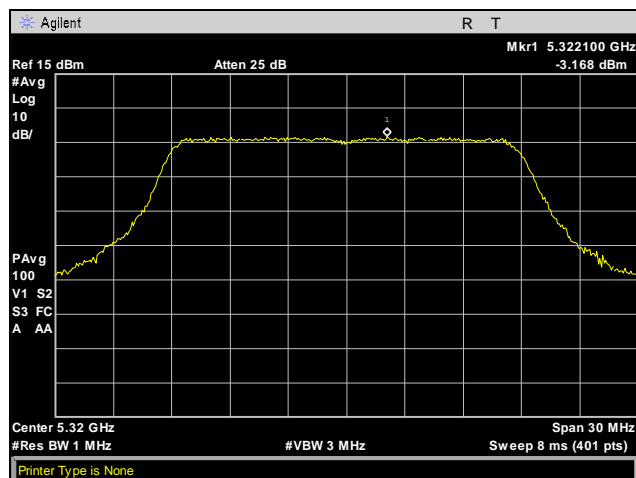
ARRIS Group, Inc.
TG3482 (ER3)

Power Spectral Density, 802.11n 20 MHz, Port 4, Radio 0, 8x8
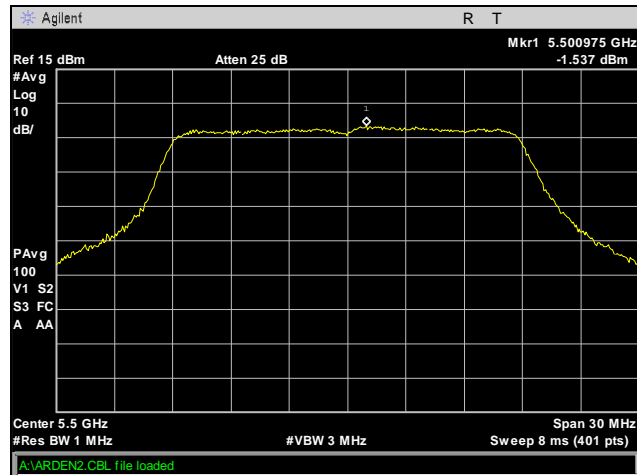

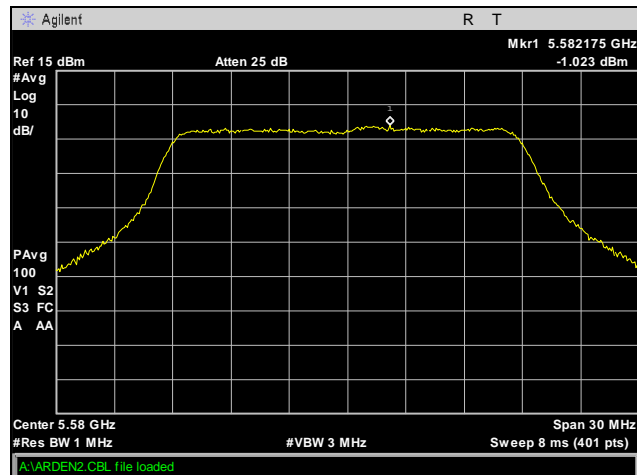**Plot 955. Power Spectral Density, 802.11n 20 MHz, 5260 MHz, Port 4, Radio 0, 8x8**

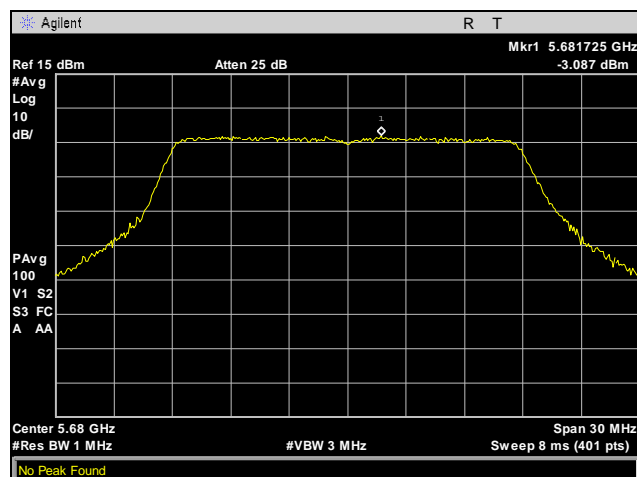**Plot 956. Power Spectral Density, 802.11n 20 MHz, 5300 MHz, Port 4, Radio 0, 8x8**

Plot 957. Power Spectral Density, 802.11n 20 MHz, 5320 MHz, Port 4, Radio 0, 8x8
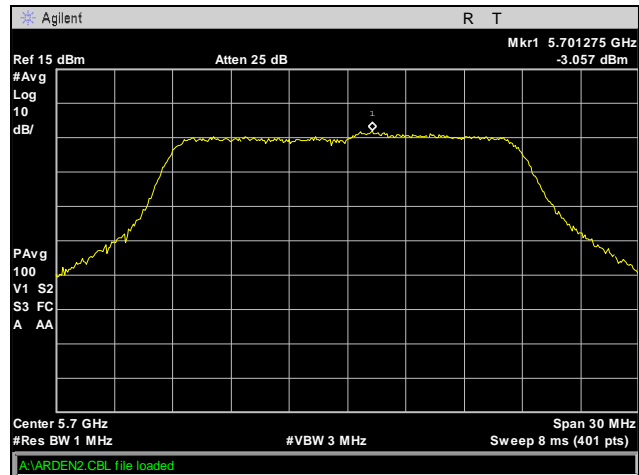
Plot 958. Power Spectral Density, 802.11n 20 MHz, 5500 MHz, Port 4, Radio 0, 8x8
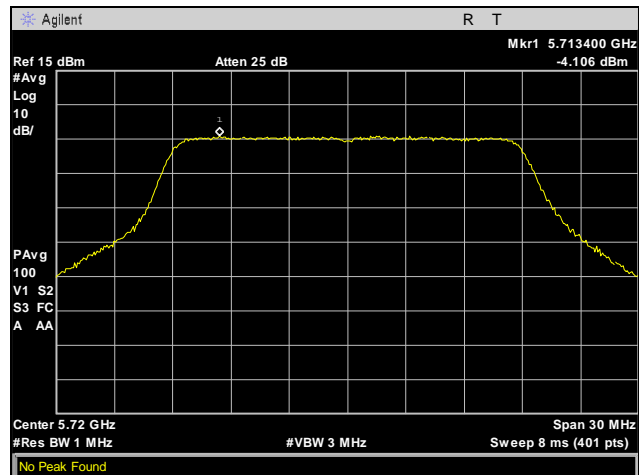

Plot 959. Power Spectral Density, 802.11n 20 MHz, 5580 MHz, Port 4, Radio 0, 8x8

Plot 960. Power Spectral Density, 802.11n 20 MHz, 5680 MHz, Port 4, Radio 0, 8x8

Plot 961. Power Spectral Density, 802.11n 20 MHz, 5700 MHz, Port 4, Radio 0, 8x8

Plot 962. Power Spectral Density, 802.11n 20 MHz, 5720 MHz, Port 4, Radio 0, 8x8