![Intertek - Total Quality. Assured.]

U-NII-3,802.11a,5785MHz,Ant0

U-NII-3,802.11a,5785MHz,Ant1

U-NII-3,802.11a,5825MHz,Ant0
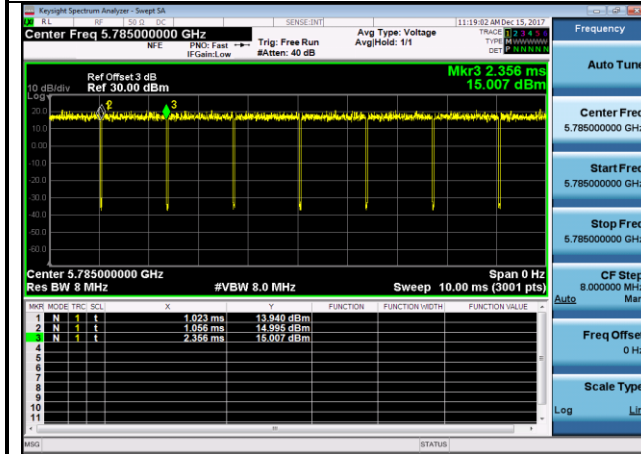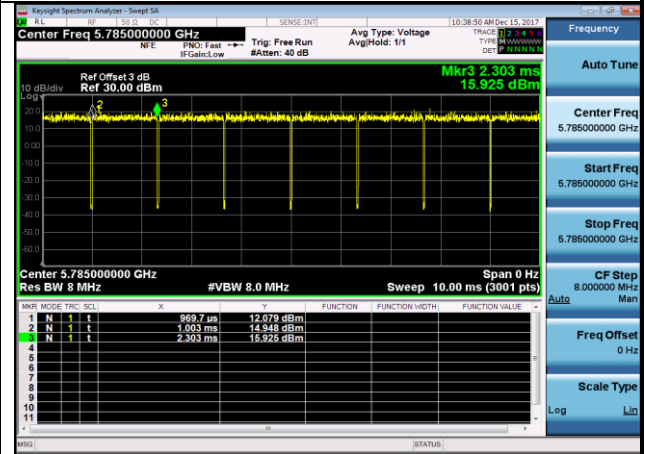

U-NII-3,802.11a,5825MHz,Ant1

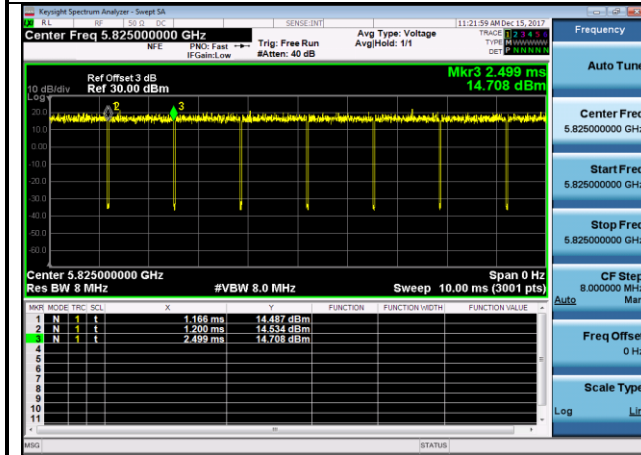U-NII-3,802.11n(HT20),5745MHz,Ant0

U-NII-3,802.11n(HT20),5745MHz,Ant1

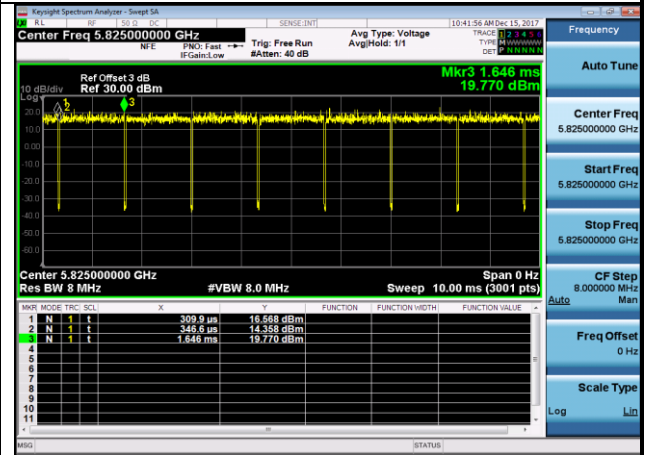| U-NII-3,802.11n(HT20),5785MHz,Ant0 | U-NII-3,802.11n(HT20),5785MHz,Ant1 |
| U-NII-3,802.11n(HT20),5825MHz,Ant0 | U-NII-3,802.11n(HT20),5825MHz,Ant1 |
| U-NII-3,802.11n(HT40),5755MHz,Ant0 | U-NII-3,802.11n(HT40),5755MHz,Ant1 |

Total Quality. Assured.

U‑NII‑3,802.11n(HT40),5795MHz,Ant0
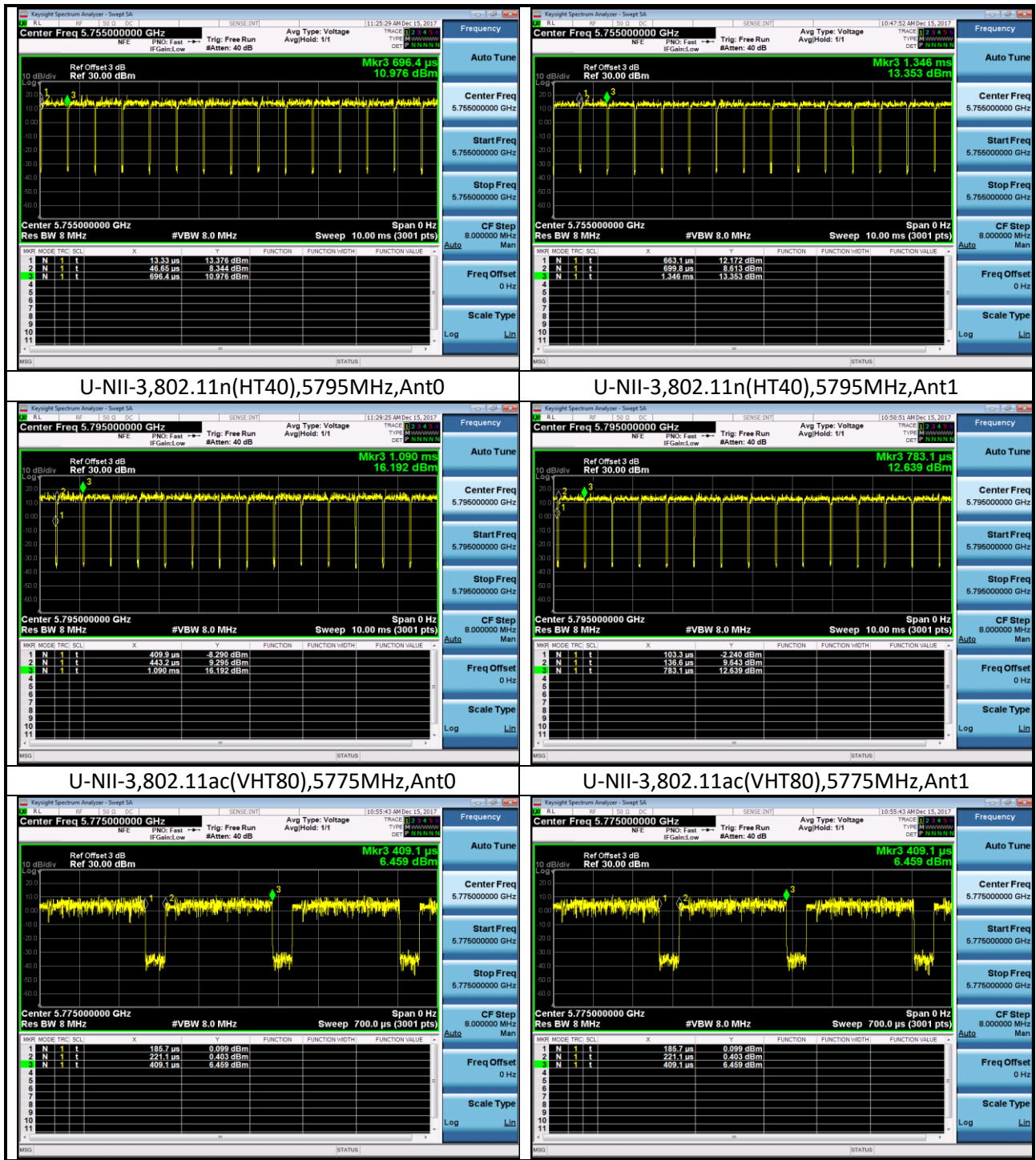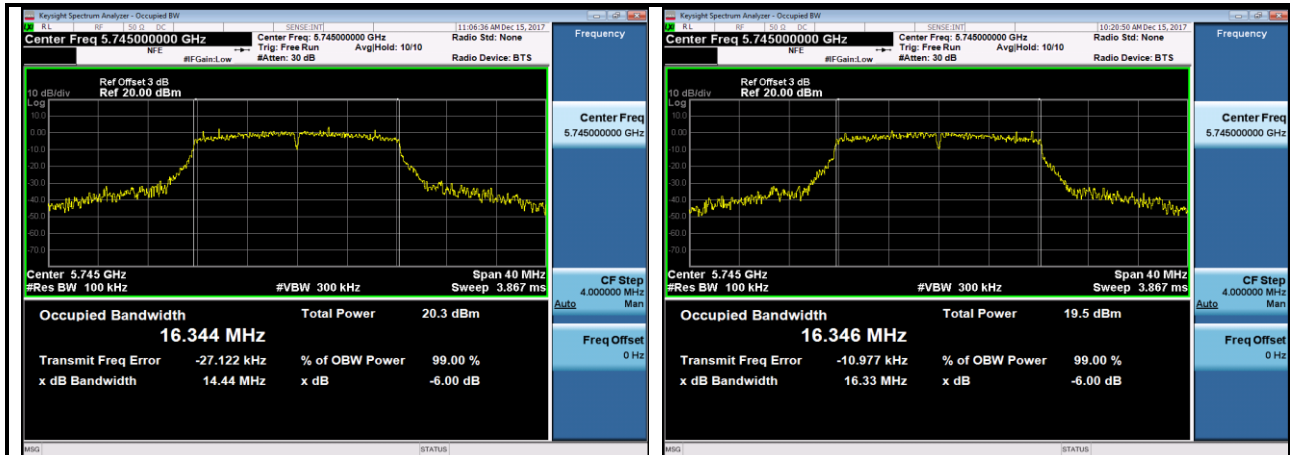

U‑NII‑3,802.11n(HT40),5795MHz,Ant1

U‑NII‑3,802.11ac(VHT80),5775MHz,Ant0

U‑NII‑3,802.11ac(VHT80),5775MHz,Ant1

2. 6 dB bandwidth

   2.1 Test Data

U-NII-3 Occupied N dB Bandwidth				
Mode	Test Frequency(MHz)	Ant	6dB Occupied Bandwidth(MHz)	Result
802.11a	5745	Ant0	14.44	Pass
802.11a	5745	Ant1	16.33	Pass
802.11a	5785	Ant0	15.90	Pass
802.11a	5785	Ant1	16.31	Pass
802.11a	5825	Ant0	15.40	Pass
802.11a	5825	Ant1	14.78	Pass
802.11n(HT20)	5745	Ant0	14.17	Pass
802.11n(HT20)	5745	Ant1	15.03	Pass
802.11n(HT20)	5785	Ant0	17.32	Pass
802.11n(HT20)	5785	Ant1	17.31	Pass
802.11n(HT20)	5825	Ant0	15.16	Pass
802.11n(HT20)	5825	Ant1	12.23	Pass
802.11n(HT40)	5755	Ant0	35.04	Pass
802.11n(HT40)	5755	Ant1	34.13	Pass
802.11n(HT40)	5795	Ant0	32.51	Pass
802.11n(HT40)	5795	Ant1	32.20	Pass
802.11ac(VHT80)	5775	Ant0	75.83	Pass
802.11ac(VHT80)	5775	Ant1	76.18	Pass

   2.2 Test Plots

U-NII-3,802.11a,5745MHz,Ant0	U-NII-3,802.11a,5745MHz,Ant1

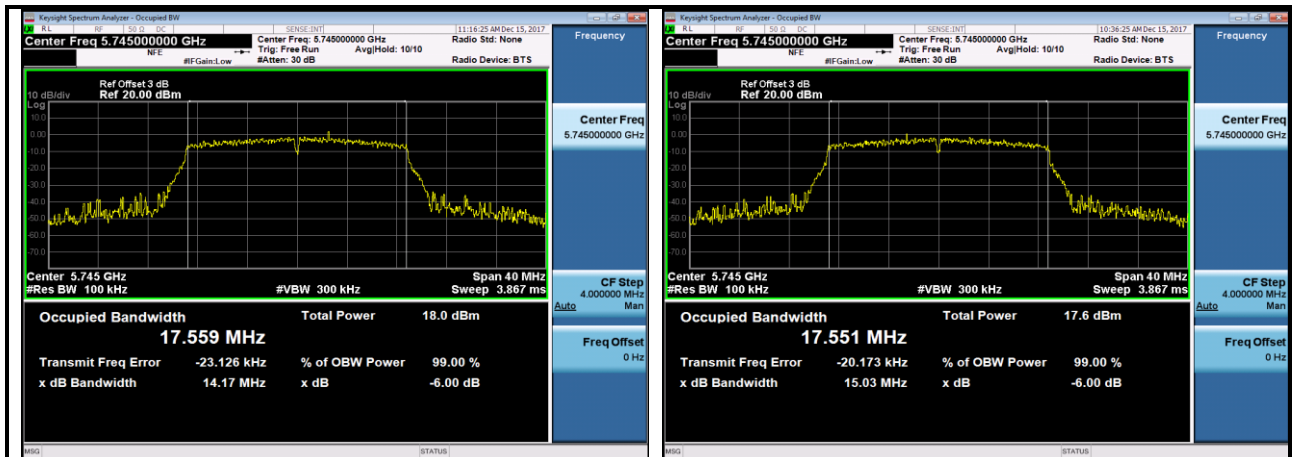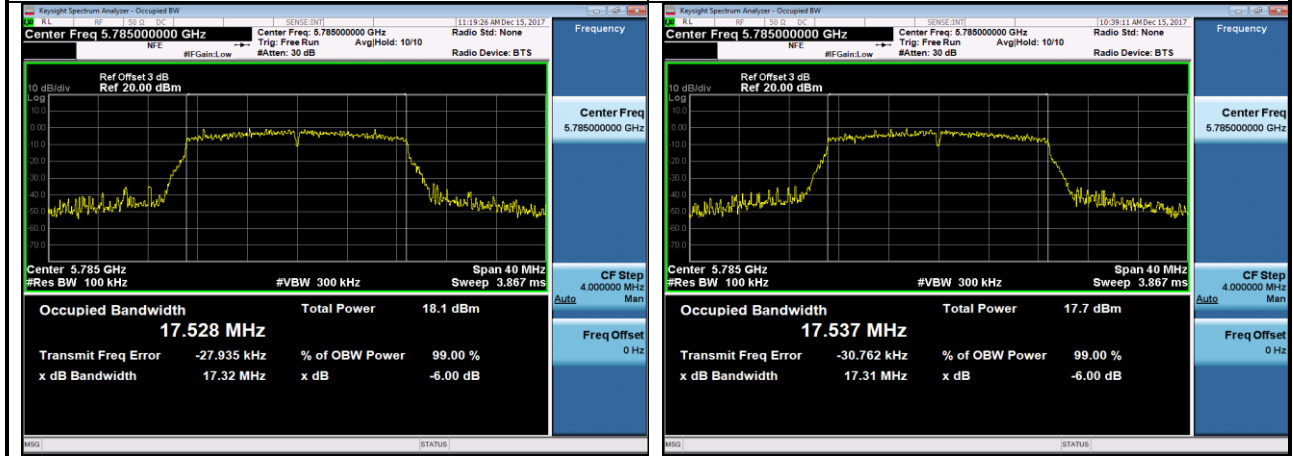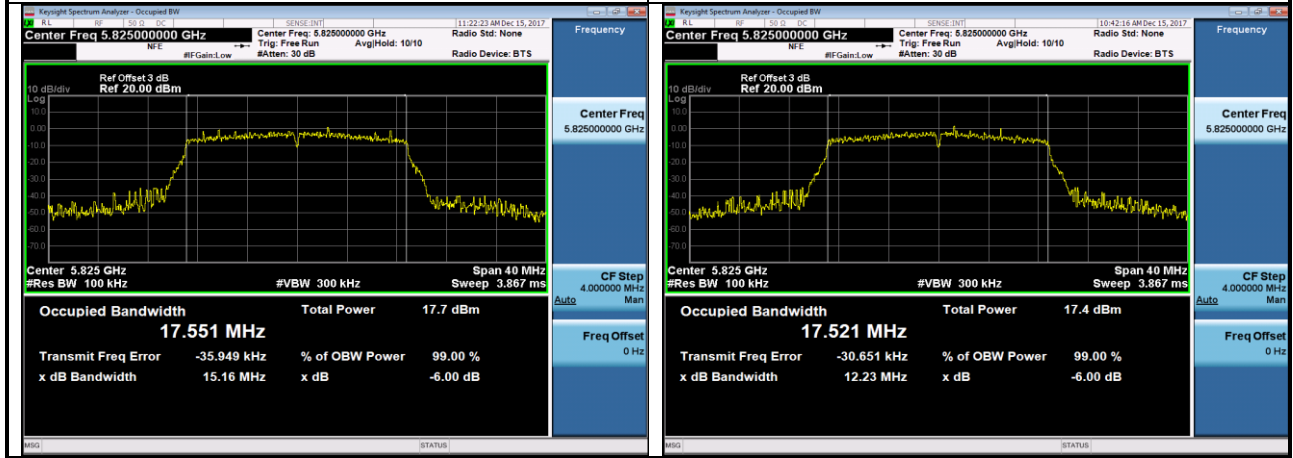| U-NII-3,802.11a,5785MHz,Ant0	U-NII-3,802.11a,5785MHz,Ant1
U-NII-3,802.11a,5825MHz,Ant0	U-NII-3,802.11a,5825MHz,Ant1
U-NII-3,802.11n(HT20),5745MHz,Ant0	U-NII-3,802.11n(HT20),5745MHz,Ant1

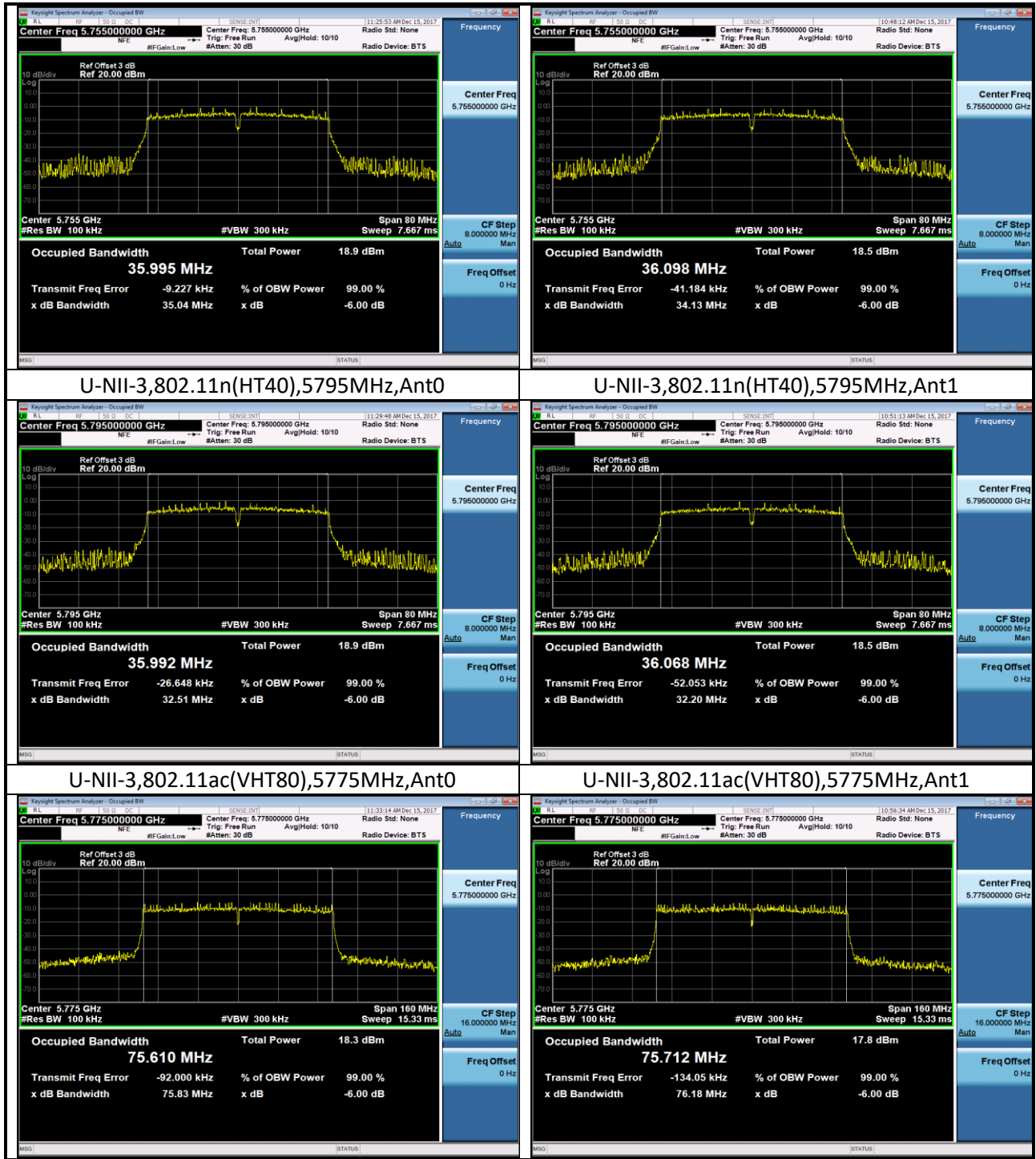|	
U-NII-3,802.11n(HT20),5785MHz,Ant0	U-NII-3,802.11n(HT20),5785MHz,Ant1
U-NII-3,802.11n(HT20),5825MHz,Ant0	U-NII-3,802.11n(HT20),5825MHz,Ant1
U-NII-3,802.11n(HT40),5755MHz,Ant0	U-NII-3,802.11n(HT40),5755MHz,Ant1

Occupied Bandwidth Total Power 18.9 dBm **35.995 MHz** Transmit Freq Error −9.227 kHz % of OBW Power 99.00 % x dB Bandwidth 35.04 MHz x dB −6.00 dB	**Occupied Bandwidth** Total Power 18.5 dBm **36.098 MHz** Transmit Freq Error −41.184 kHz % of OBW Power 99.00 % x dB Bandwidth 34.13 MHz x dB −6.00 dB
U‑NII‑3,802.11n(HT40),5795MHz,Ant0	U‑NII‑3,802.11n(HT40),5795MHz,Ant1
Occupied Bandwidth Total Power 18.9 dBm **35.992 MHz** Transmit Freq Error −26.648 kHz % of OBW Power 99.00 % x dB Bandwidth 32.51 MHz x dB −6.00 dB	**Occupied Bandwidth** Total Power 18.5 dBm **36.068 MHz** Transmit Freq Error −52.053 kHz % of OBW Power 99.00 % x dB Bandwidth 32.20 MHz x dB −6.00 dB
U‑NII‑3,802.11ac(VHT80),5775MHz,Ant0	U‑NII‑3,802.11ac(VHT80),5775MHz,Ant1
Occupied Bandwidth Total Power 18.3 dBm **75.610 MHz** Transmit Freq Error −92.000 kHz % of OBW Power 99.00 % x dB Bandwidth 75.83 MHz x dB −6.00 dB	**Occupied Bandwidth** Total Power 17.8 dBm **75.712 MHz** Transmit Freq Error −134.05 kHz % of OBW Power 99.00 % x dB Bandwidth 76.18 MHz x dB −6.00 dB

3. 99% Occupied Bandwidth

    3.1 Test Data

U-NII-3 99% Occupied Bandwidth				
Mode	Test Frequency(MHz)	Ant	99% Occupied Bandwidth(MHz)	Note
802.11a	5745	Ant0	16.594	-
802.11a	5745	Ant1	16.545	-
802.11a	5785	Ant0	16.647	-
802.11a	5785	Ant1	16.586	-
802.11a	5825	Ant0	16.601	-
802.11a	5825	Ant1	16.576	-
802.11n(HT20)	5745	Ant0	17.655	-
802.11n(HT20)	5745	Ant1	17.680	-
802.11n(HT20)	5785	Ant0	17.638	-
802.11n(HT20)	5785	Ant1	17.645	-
802.11n(HT20)	5825	Ant0	17.625	-
802.11n(HT20)	5825	Ant1	17.608	-
802.11n(HT40)	5755	Ant0	36.293	-
802.11n(HT40)	5755	Ant1	36.319	-
802.11n(HT40)	5795	Ant0	36.292	-
802.11n(HT40)	5795	Ant1	36.354	-
802.11ac(VHT80)	5775	Ant0	75.793	-
802.11ac(VHT80)	5775	Ant1	75.685	-

    3.2 Test Plots

U-NII-3,802.11a,5745MHz,Ant0	U-NII-3,802.11a,5745MHz,Ant1

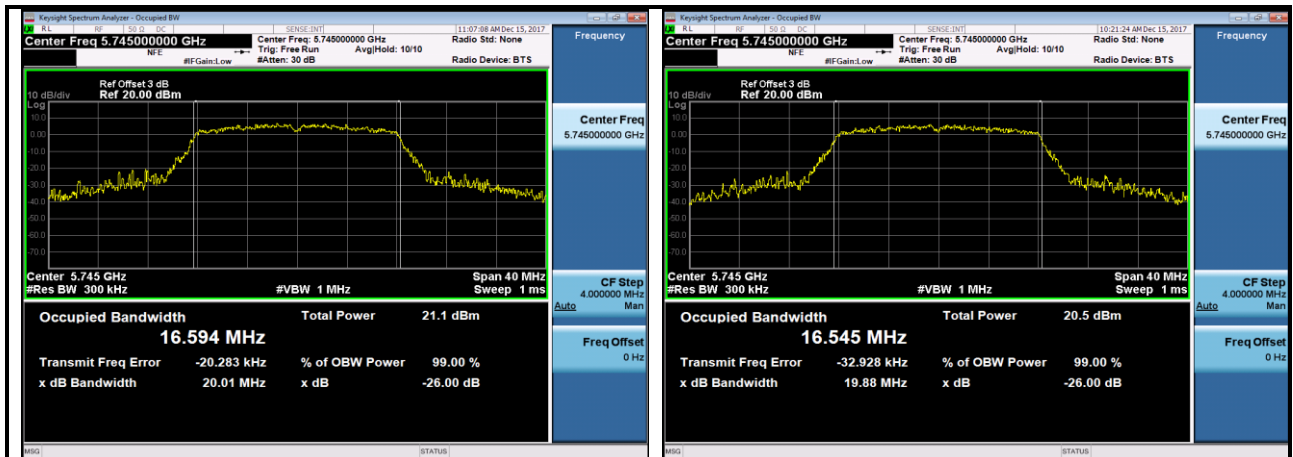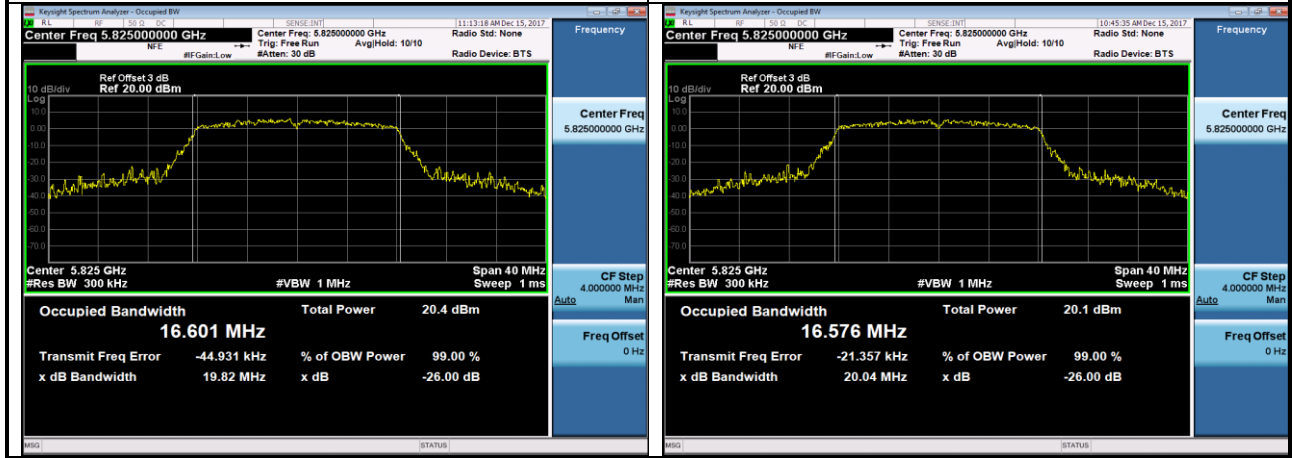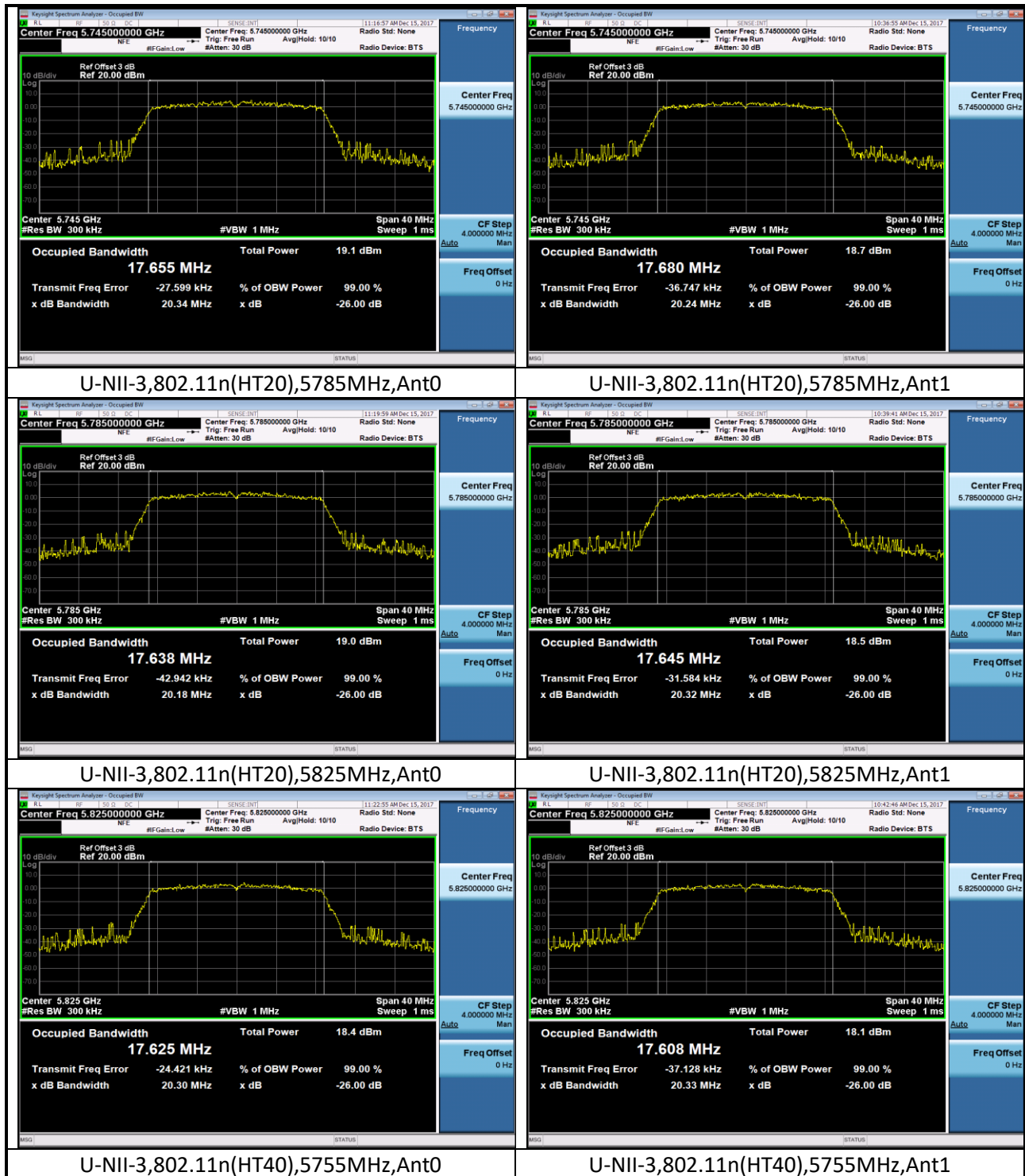|	
U-NII-3,802.11a,5785MHz,Ant0	U-NII-3,802.11a,5785MHz,Ant1
U-NII-3,802.11a,5825MHz,Ant0	U-NII-3,802.11a,5825MHz,Ant1
U-NII-3,802.11n(HT20),5745MHz,Ant0	U-NII-3,802.11n(HT20),5745MHz,Ant1

U-NII-3,802.11n(HT20),5785MHz,Ant0	U-NII-3,802.11n(HT20),5785MHz,Ant1
U-NII-3,802.11n(HT20),5825MHz,Ant0	U-NII-3,802.11n(HT20),5825MHz,Ant1
U-NII-3,802.11n(HT40),5755MHz,Ant0	U-NII-3,802.11n(HT40),5755MHz,Ant1

Total Quality. Assured.
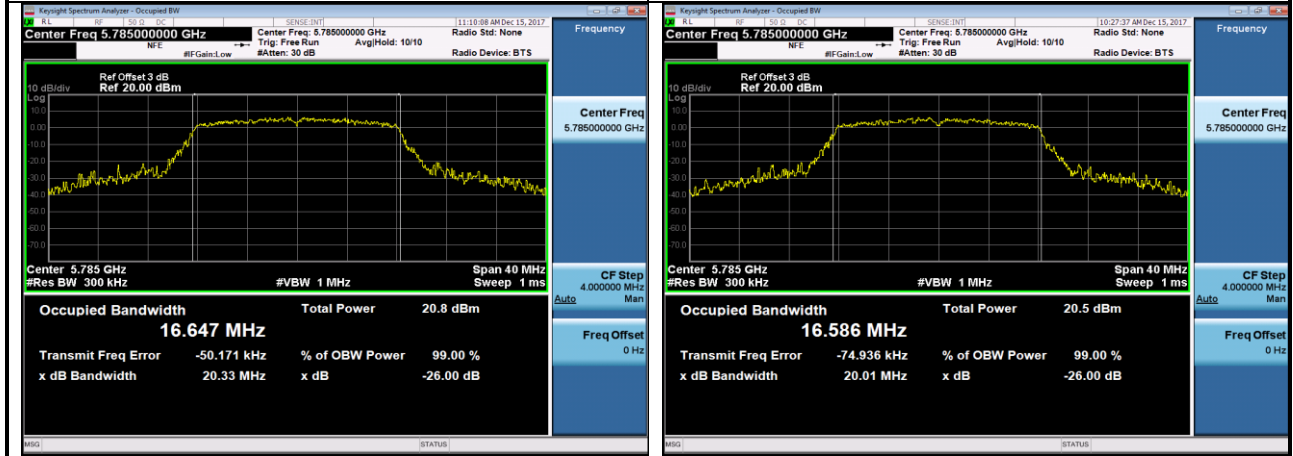
U-NII-3,802.11n(HT40),5795MHz,Ant0	U-NII-3,802.11n(HT40),5795MHz,Ant1
U-NII-3,802.11ac(VHT80),5775MHz,Ant0	U-NII-3,802.11ac(VHT80),5775MHz,Ant1
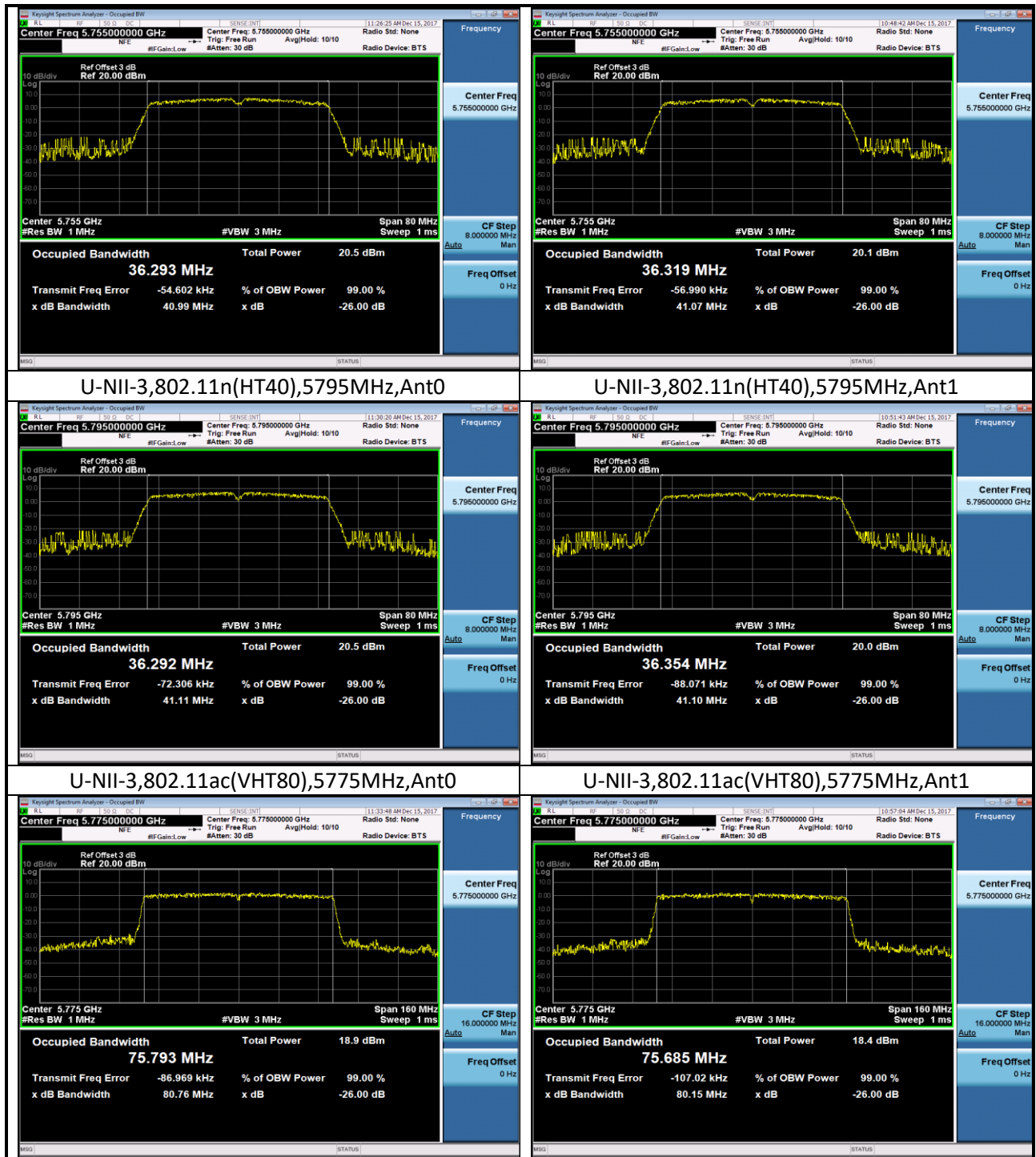
4. Maximum conducted output power and e.i.r.p

4.1 Test Data

Mode	Test Frequency(MHz)	Ant	Duty Cycle Factor (dB)	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
			U-NII-3 AVGSA Output Power				
802.11a	5745	Ant0	0.10	14.96	14.96	30	Pass
802.11a	5745	Ant1	0.10	14.41			
802.11a	5785	Ant0	0.10	15.08	15.08	30	Pass
802.11a	5785	Ant1	0.10	14.52			
802.11a	5825	Ant0	0.11	14.58	14.58	30	Pass
802.11a	5825	Ant1	0.11	14.31			
802.11n(HT20)	5745	Ant0	0.12	12.88	15.64	30	Pass
802.11n(HT20)	5745	Ant1	0.11	12.36			
802.11n(HT20)	5785	Ant0	0.11	12.98	15.78	30	Pass
802.11n(HT20)	5785	Ant1	0.11	12.55			
802.11n(HT20)	5825	Ant0	0.11	12.46	15.32	30	Pass
802.11n(HT20)	5825	Ant1	0.12	12.15			
802.11n(HT40)	5755	Ant0	0.22	13.41	16.22	30	Pass
802.11n(HT40)	5755	Ant1	0.24	13.00			
802.11n(HT40)	5795	Ant0	0.22	13.45	16.24	30	Pass
802.11n(HT40)	5795	Ant1	0.22	12.99			
802.11ac(VHT80)	5775	Ant0	0.75	10.45	13.26	30	Pass
802.11ac(VHT80)	5775	Ant1	0.75	10.05			

4.2 Test Plots

U-NII-3,802.11n(HT40),5755MHz,Ant0	U-NII-3,802.11n(HT40),5755MHz,Ant1