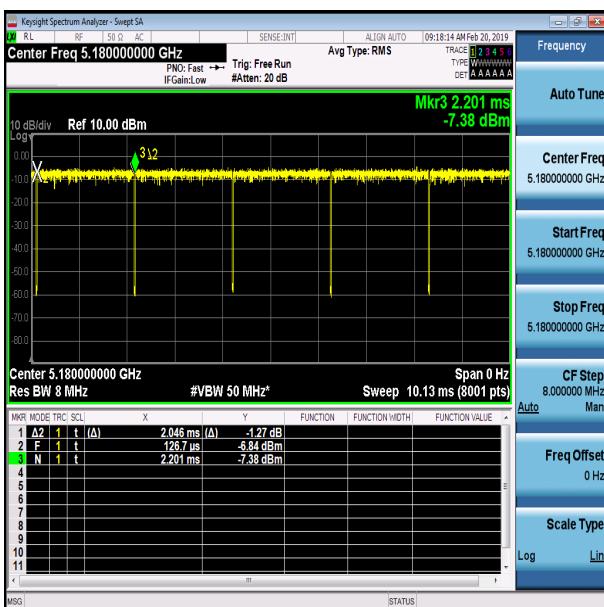


5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

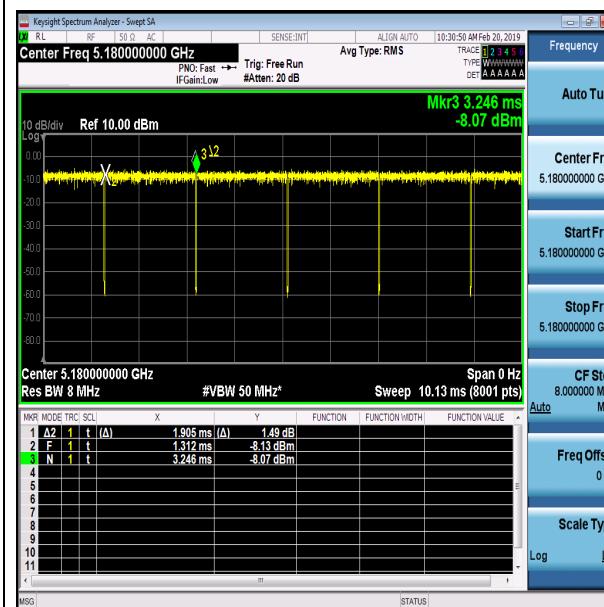
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	98.6	2.0460	/	10Hz
5GHz 802.11n HT20	98.5	1.9050	/	10Hz
5GHz 802.11n HT40	96.8	0.9335	1.07	3kHz
5GHz 802.11ac VHT20	98.5	1.9130	/	10Hz
5GHz 802.11ac VHT40	96.9	0.9411	1.06	3kHz
5GHz 802.11ac VHT80	93.4	0.4332	2.31	3kHz



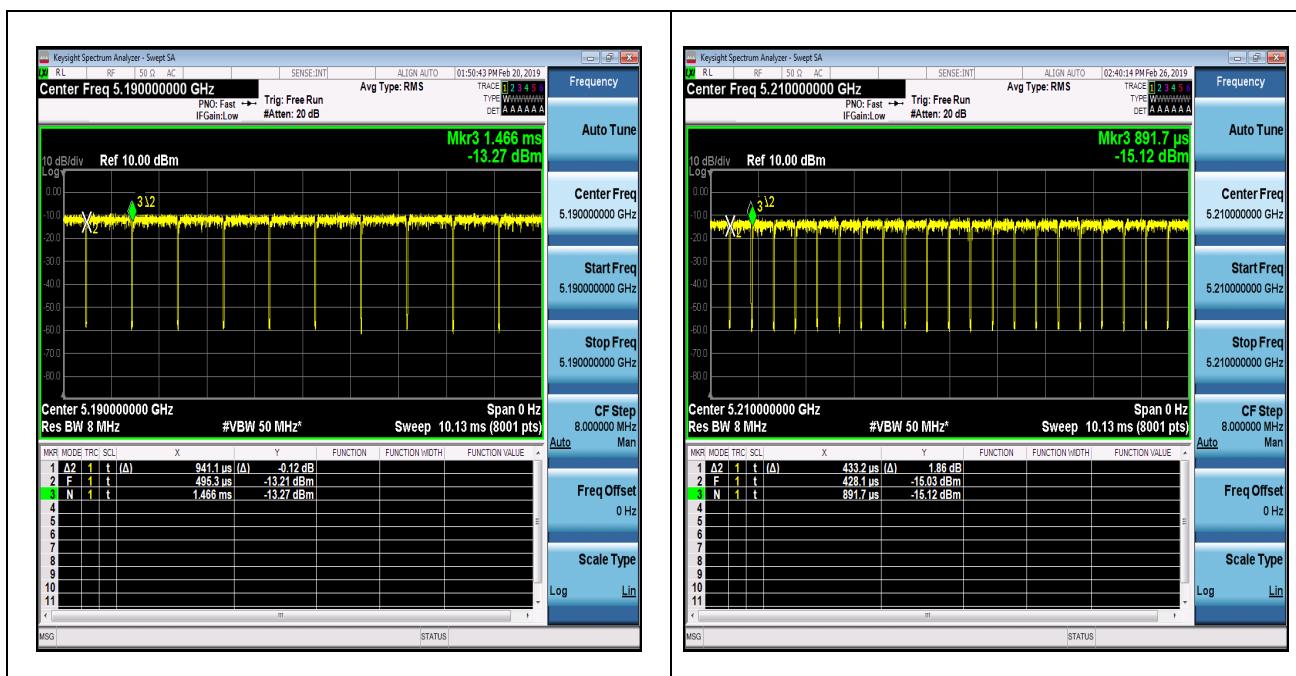
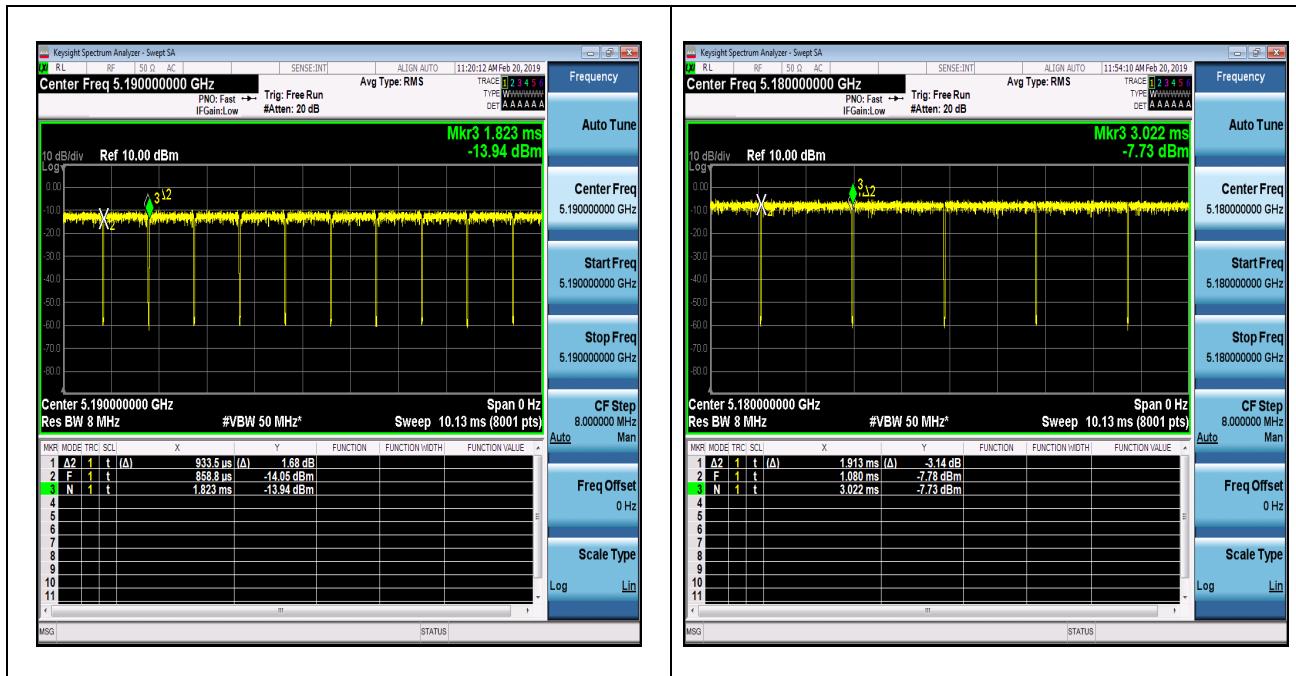
Center Freq 5.18000000 GHz  
Span 0 Hz  
Res BW 8 MHz #VBW 50 MHz\* Sweep 10.13 ms (8001 pts)

MKR MODE TRC SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1 A2 1 t (Δ)	2.046 ms (Δ)	-1.27 dB			
2 F 1 t	126.7 μs	-6.84 dBm			
3 N 1 t	2.201 ms	-7.38 dBm			
4					
5					
6					
7					
8					
9					
10					
11					



Center Freq 5.18000000 GHz  
Span 0 Hz  
Res BW 8 MHz #VBW 50 MHz\* Sweep 10.13 ms (8001 pts)

MKR MODE TRC SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1 A2 1 t (Δ)	1.905 ms (Δ)	1.49 dB			
2 F 1 t	1.317 ms	-8.13 dBm			
3 N 1 t	3.246 ms	-8.07 dBm			
4					
5					
6					
7					
8					
9					
10					
11					



## 8. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

#### 4.4.3 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

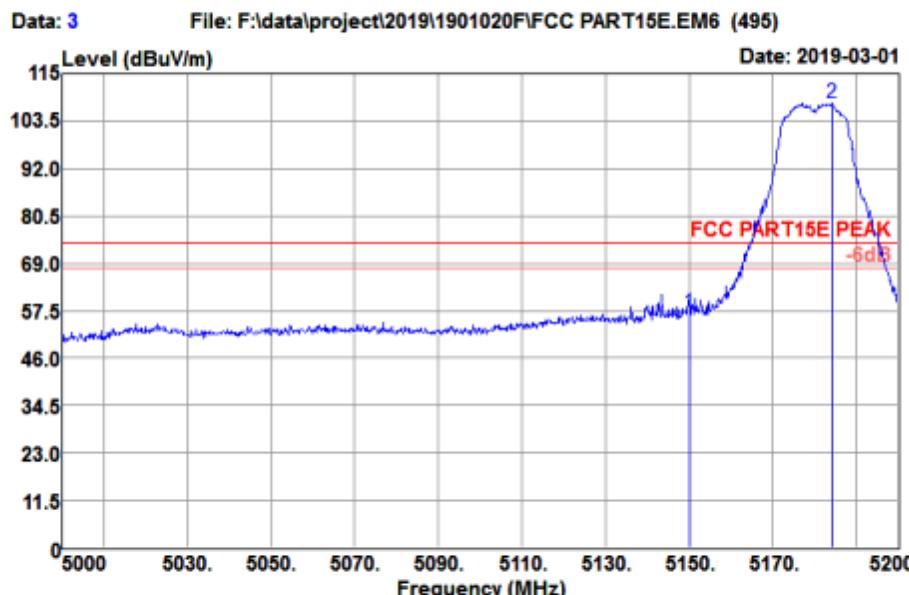
#### 4.4.4 Test Result of Radiated Spurious at Band Edges

##### WIFI 802.11a Band U-NII-1&2A (Band Edge @ 3m)

802.11a 5180MHz

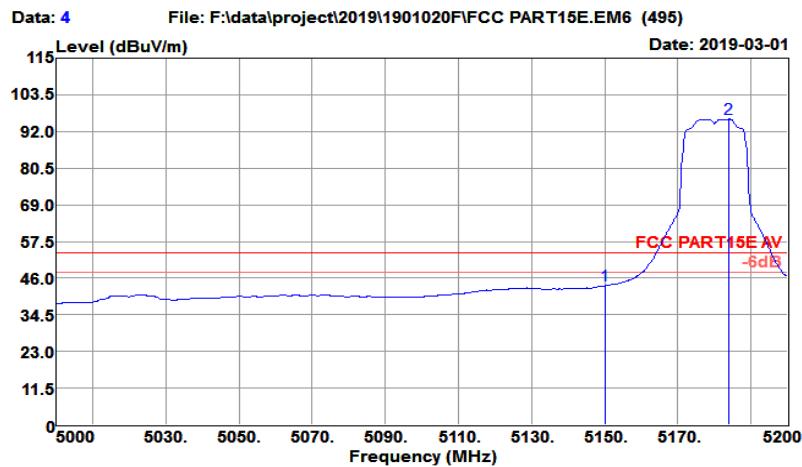
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV	Over limit dB	Remark
5150.000	55.72	31.82	5.40	35.98	56.96	74.00	-17.04 Peak
5184.200	106.73	31.85	5.41	35.93	108.06	74.00	34.06 Peak

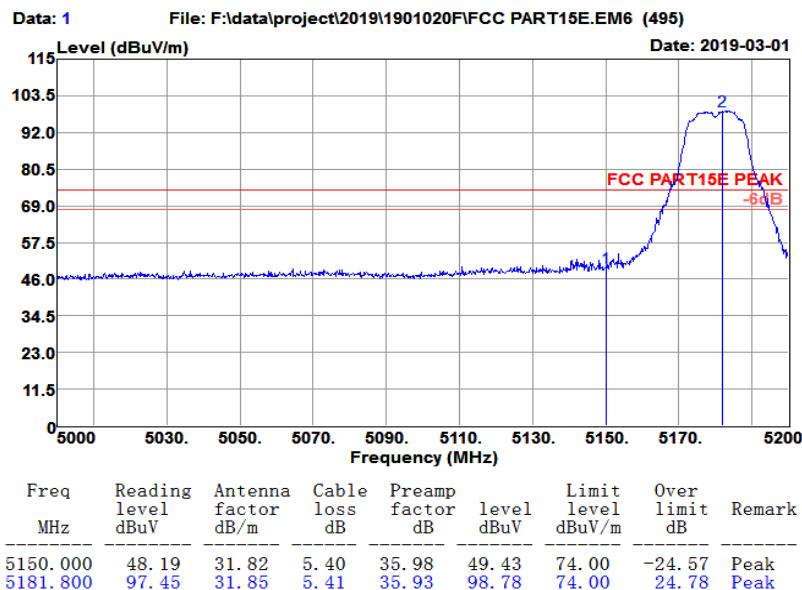
Test Site : 3m Chamber  
 -----  
 Tested by : Damon  
 -----  
 EUT : all in one  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11a CH36(5180MHz)  
 -----



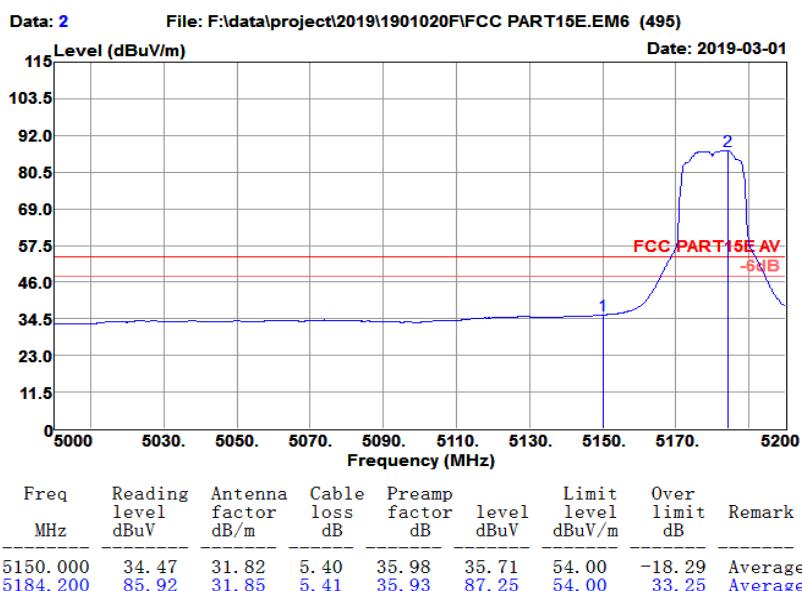
802.11a 5180MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	21°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH36(5180MHz)			



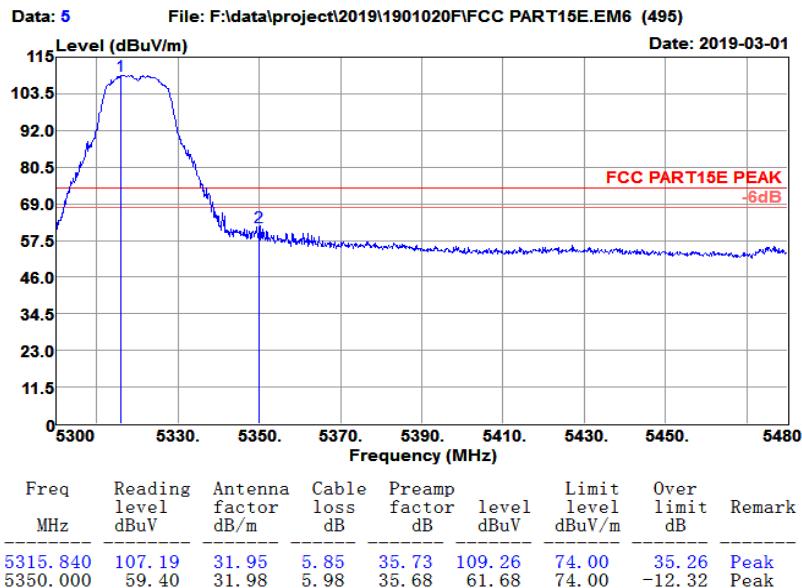
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating: AC120V/60Hz		
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH36(5180MHz)			



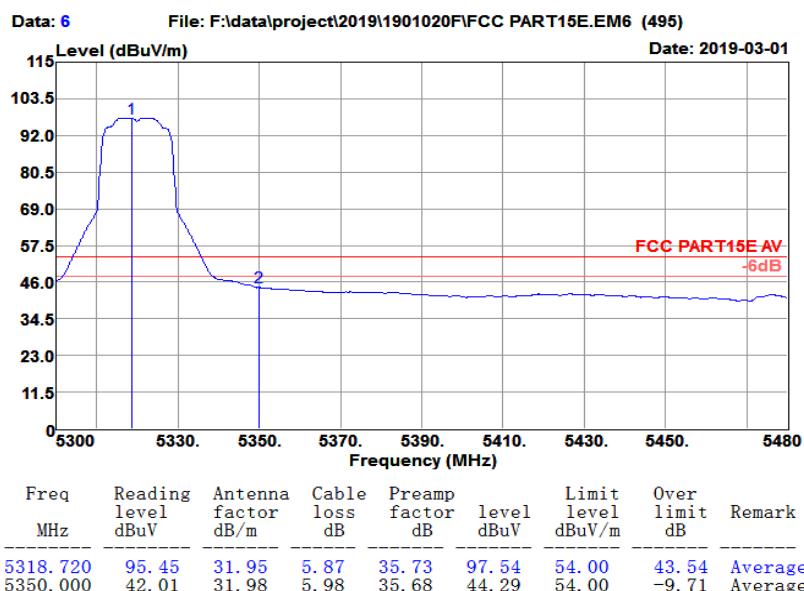
802.11a 5320MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH64(5320MHz)			



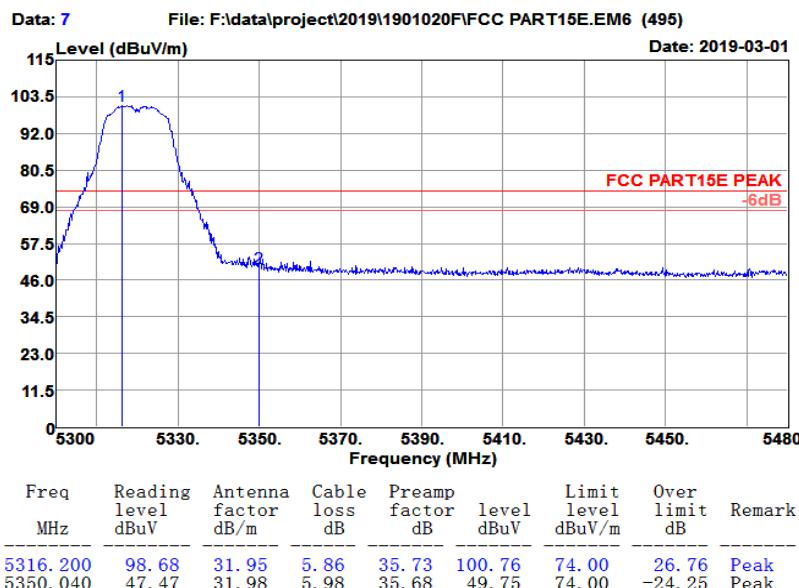
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH64(5320MHz)



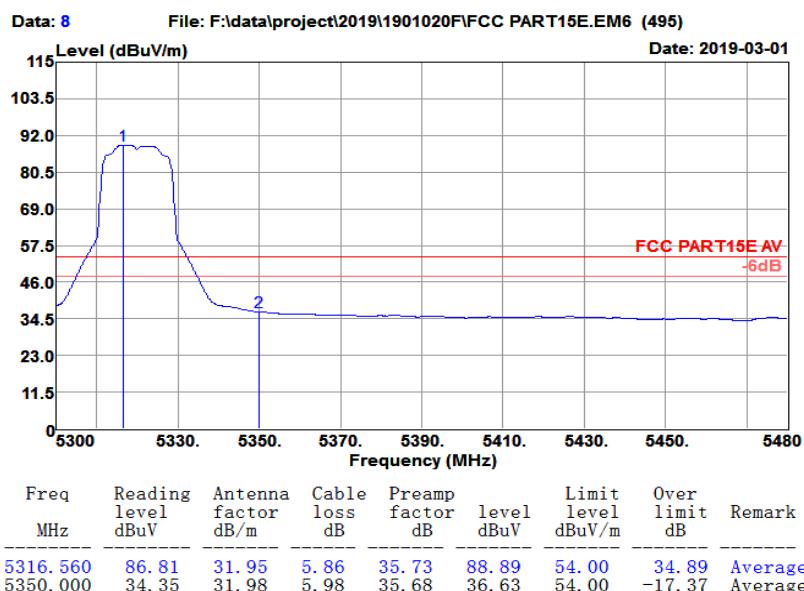
802.11a 5320MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH64(5320MHz)			



Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating: AC120V/60Hz		
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH64(5320MHz)			

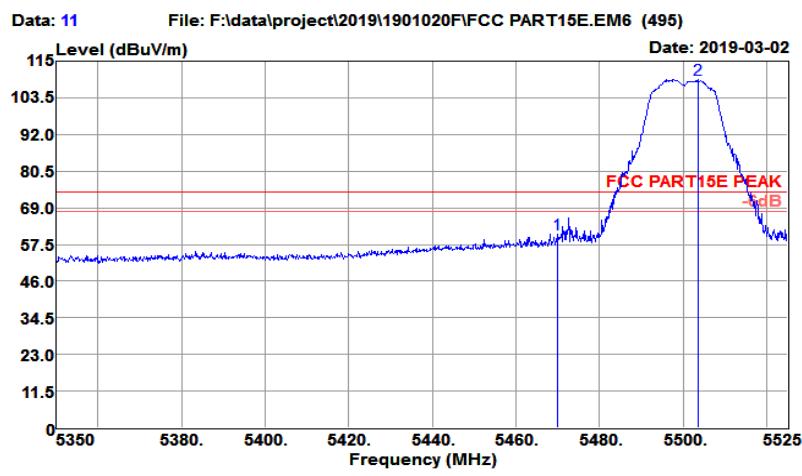


## WIFI 802.11a Band U-NII-2C (Band Edge @ 3m)

802.11a 5500MHz

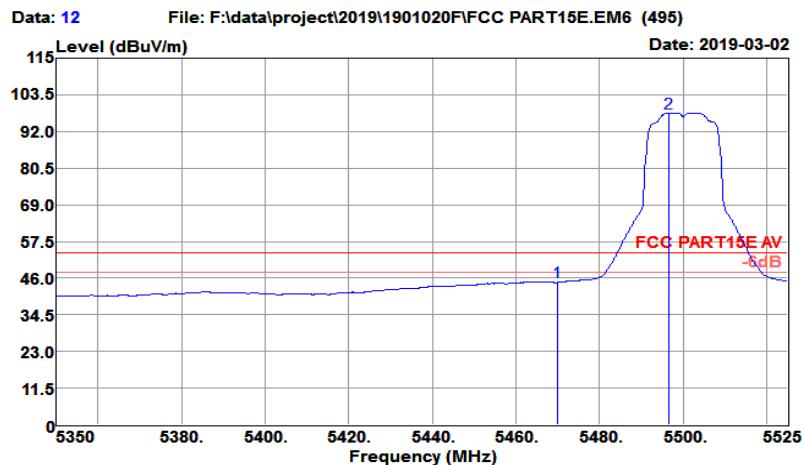
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH100(5500MHz)			



Freq MHz	Reading level dB <sub>BuV</sub>	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dB <sub>BuV</sub>	Limit level dB <sub>BuV/m</sub>	Over limit dB	Remark
5470.000	58.06	32.08	6.19	35.50	60.83	74.00	-13.17	Peak
5503.650	106.42	32.10	6.21	35.45	109.28	74.00	35.28	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH100(5500MHz)			

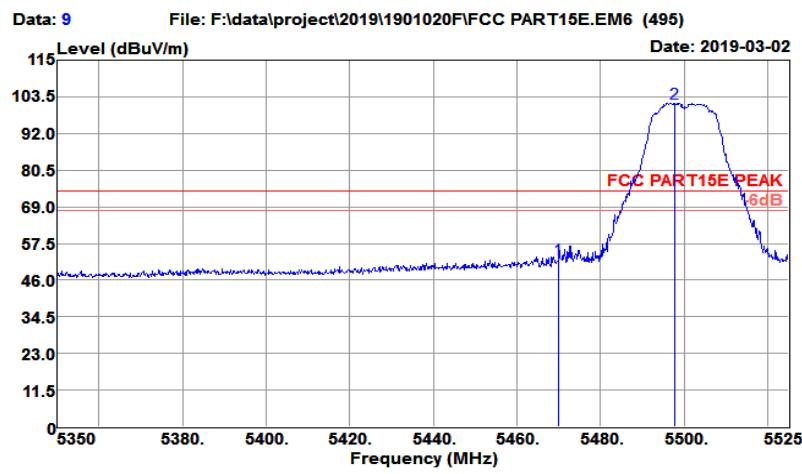


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	41.85	32.08	6.19	35.50	44.62	54.00	-9.38	Average
5496.475	95.02	32.10	6.20	35.47	97.85	54.00	43.85	Average

802.11a 5500MHz

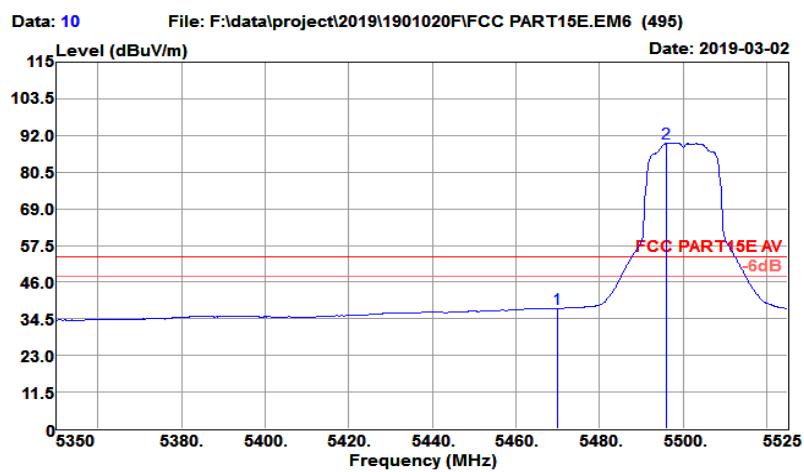
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH100(5500MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	49.80	32.08	6.19	35.50	52.57	74.00	-21.43	Peak
5497.875	98.69	32.10	6.20	35.46	101.53	74.00	27.53	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH100(5500MHz)

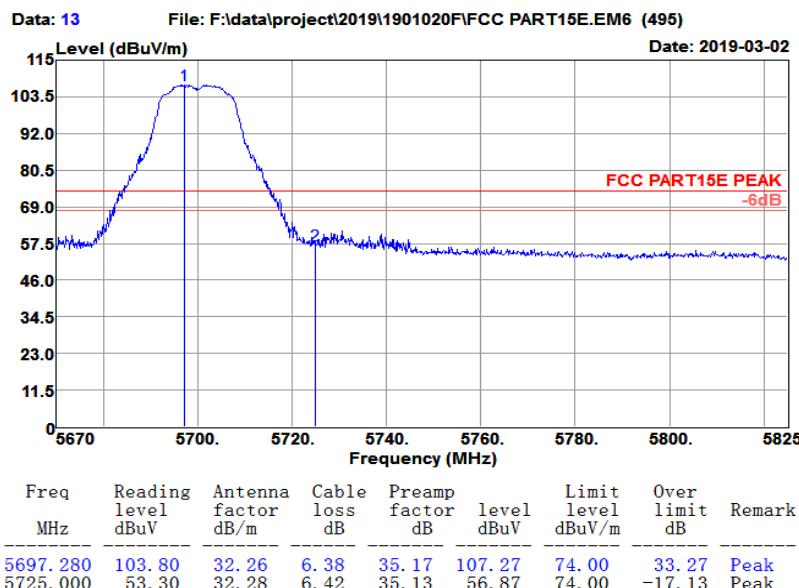


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	34.82	32.08	6.19	35.50	37.59	54.00	-16.41	Average
5496.125	86.74	32.10	6.20	35.47	89.57	54.00	35.57	Average

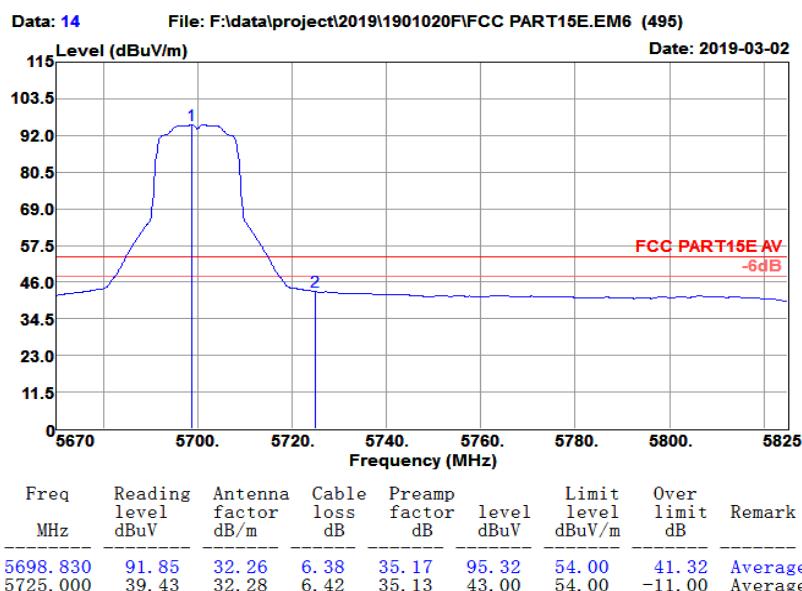
802.11a 5700MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH140(5700MHz)			



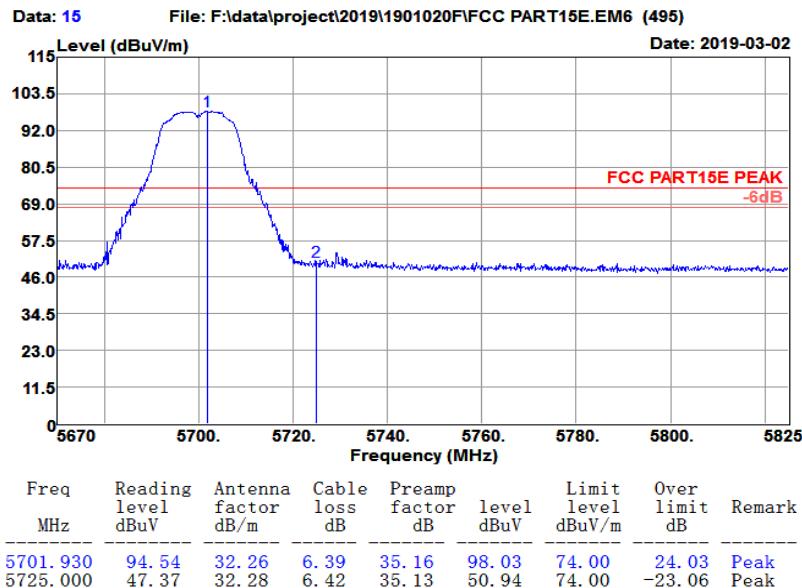
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH140(5700MHz)  
-----



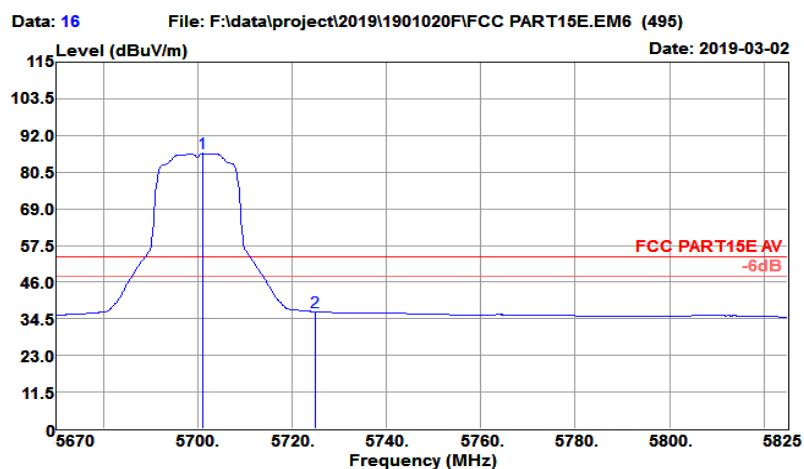
802.11a 5700MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH140(5700MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH140(5700MHz)



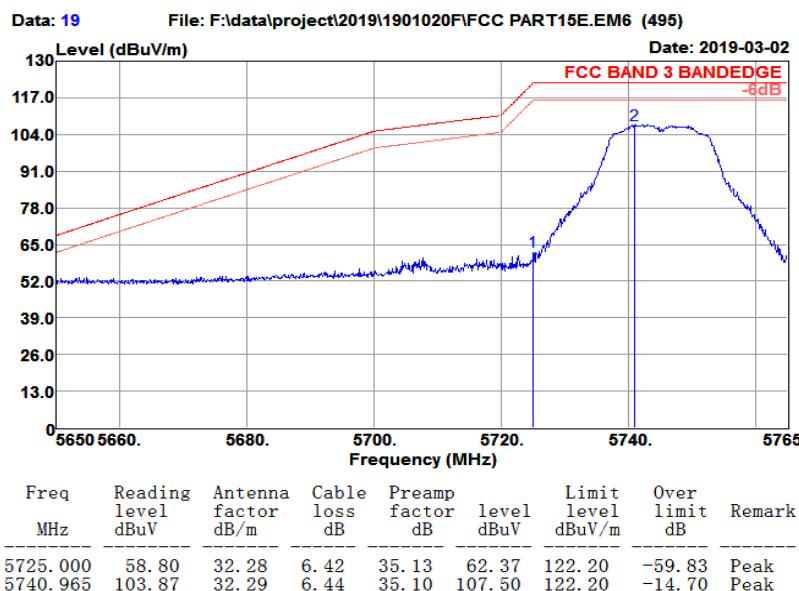
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5701.000	82.88	32.26	6.39	35.16	86.37	54.00	32.37	Average
5725.000	33.00	32.28	6.42	35.13	36.57	54.00	-17.43	Average

**WIFI 802.11a Band U-NII-3(Band Edge @ 3m)**

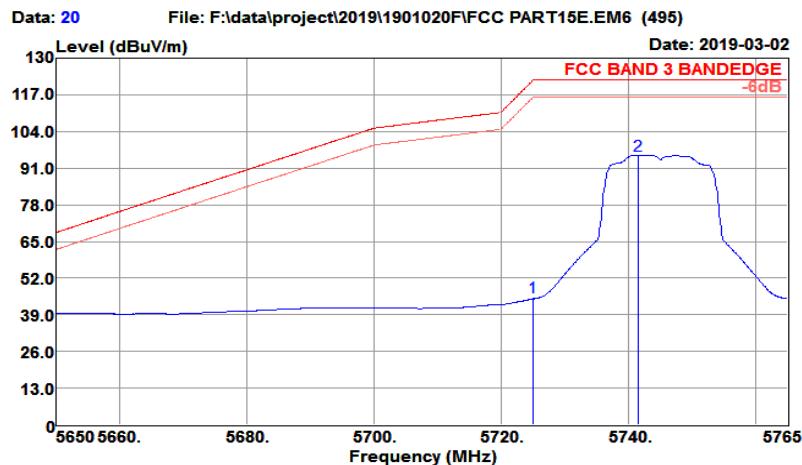
802.11a 5745MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH149(5745MHz)			



Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH149(5745MHz)			

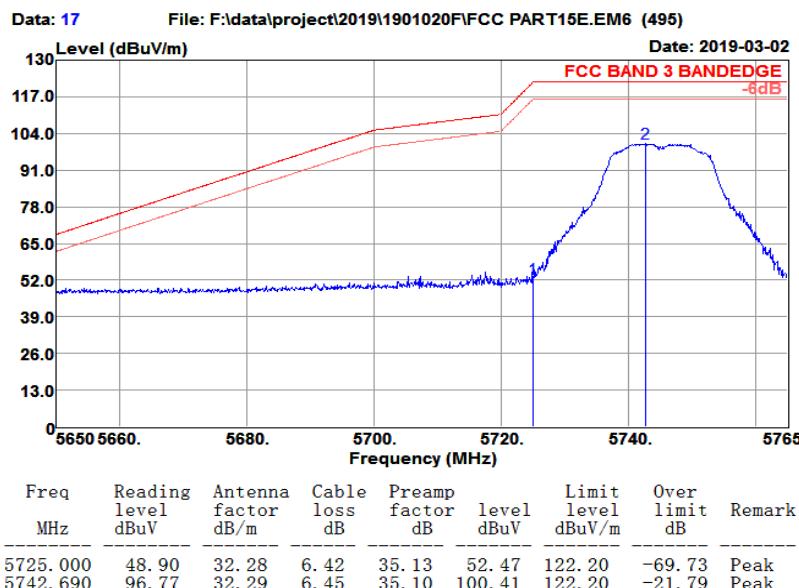


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	41.57	32.28	6.42	35.13	45.14	122.20	-77.06	Average
5741.540	92.01	32.29	6.45	35.10	95.65	122.20	-26.55	Average

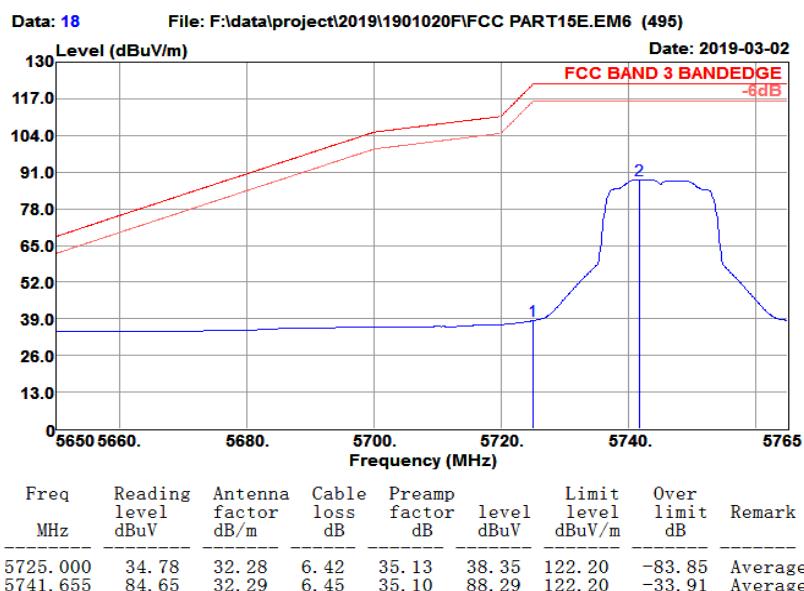
802.11a 5745MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH149(5745MHz)			



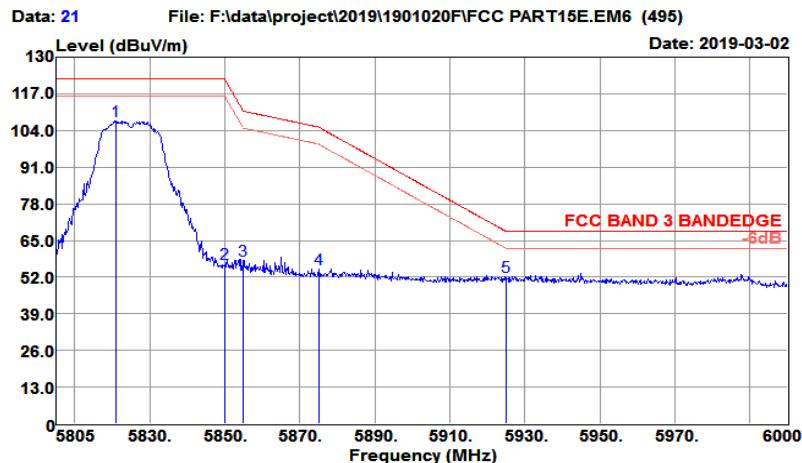
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11a CH149(5745MHz)



802.11a 5825MHz

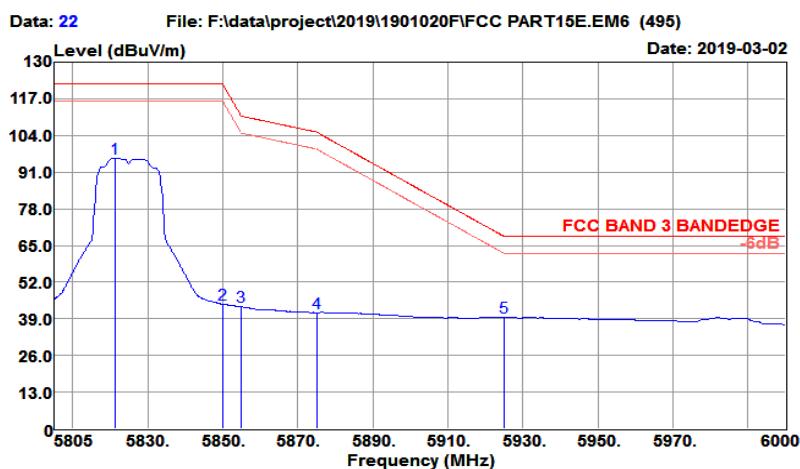
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH165(5825MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5820.990	103.52	32.36	6.53	34.98	107.43	122.20	-14.77	Peak
5850.000	52.72	32.38	6.53	34.94	56.69	122.20	-65.51	Peak
5855.000	54.10	32.38	6.53	34.93	58.08	110.80	-52.72	Peak
5875.000	50.94	32.40	6.53	34.91	54.96	105.20	-50.24	Peak
5925.000	47.89	32.44	6.52	34.83	52.02	68.20	-16.18	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11a CH165(5825MHz)

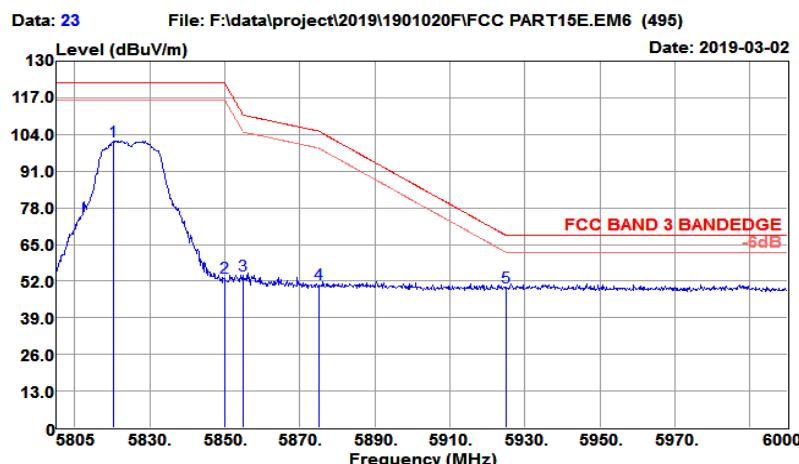


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5821.380	92.04	32.36	6.53	34.98	95.95	122.20	-26.25	Average
5850.000	40.30	32.38	6.53	34.94	44.27	122.20	-77.93	Average
5855.000	39.37	32.38	6.53	34.93	43.35	110.80	-67.45	Average
5875.000	37.20	32.40	6.53	34.91	41.22	105.20	-63.98	Average
5925.000	35.39	32.44	6.52	34.83	39.52	68.20	-28.68	Average

802.11a 5825MHz

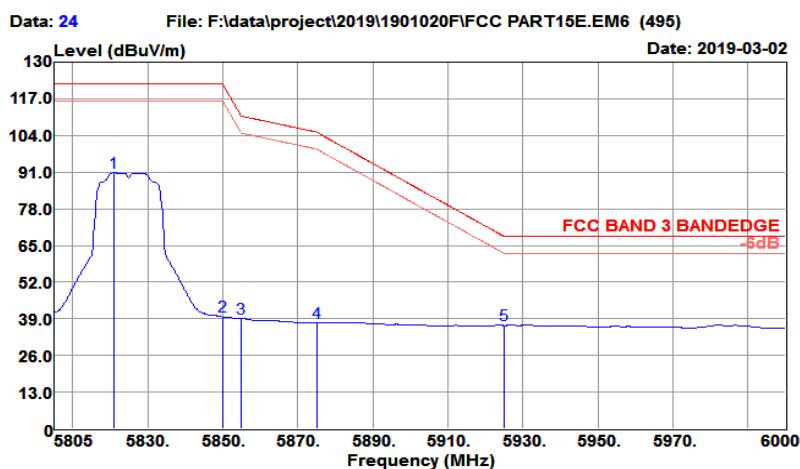
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH165(5825MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5820.405	97.87	32.36	6.53	34.99	101.77	122.20	-20.43	Peak
5850.000	49.42	32.38	6.53	34.94	53.39	122.20	-68.81	Peak
5855.000	50.21	32.38	6.53	34.93	54.19	110.80	-56.61	Peak
5875.000	46.86	32.40	6.53	34.91	50.88	105.20	-54.32	Peak
5925.000	45.74	32.44	6.52	34.83	49.87	68.20	-18.33	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11a CH165(5825MHz)



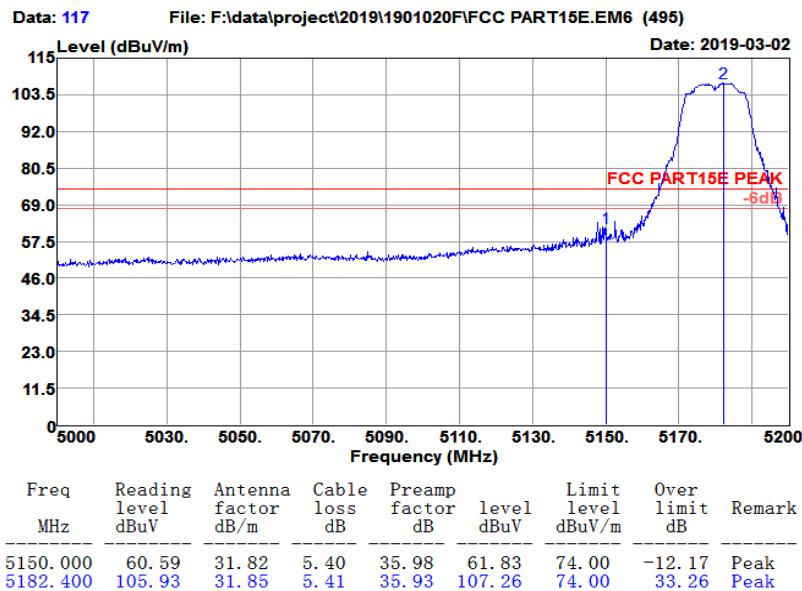
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5820.990	86.89	32.36	6.53	34.98	90.80	122.20	-31.40	Average
5850.000	35.83	32.38	6.53	34.94	39.80	122.20	-82.40	Average
5855.000	35.12	32.38	6.53	34.93	39.10	110.80	-71.70	Average
5875.000	33.63	32.40	6.53	34.91	37.65	105.20	-67.55	Average
5925.000	32.53	32.44	6.52	34.83	36.66	68.20	-31.54	Average

## WIFI 802.11n HT20 Band U-NII-1@2A (Band Edge @ 3m)

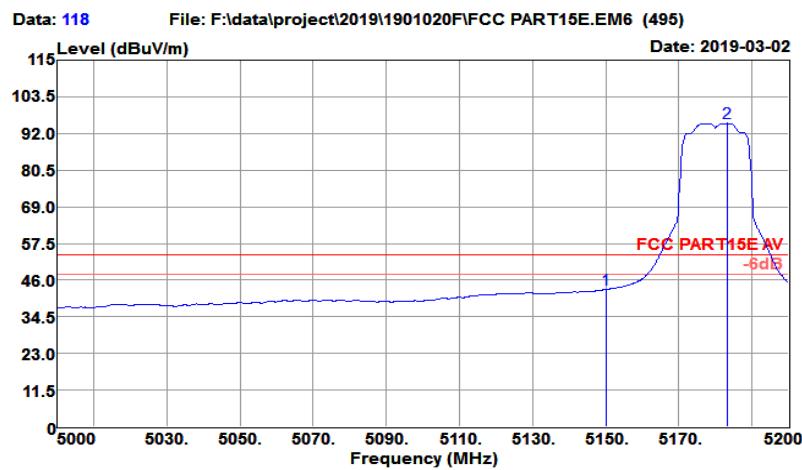
802.11N20 5180MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH36(5180MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C /63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH36(5180MHz)  
-----

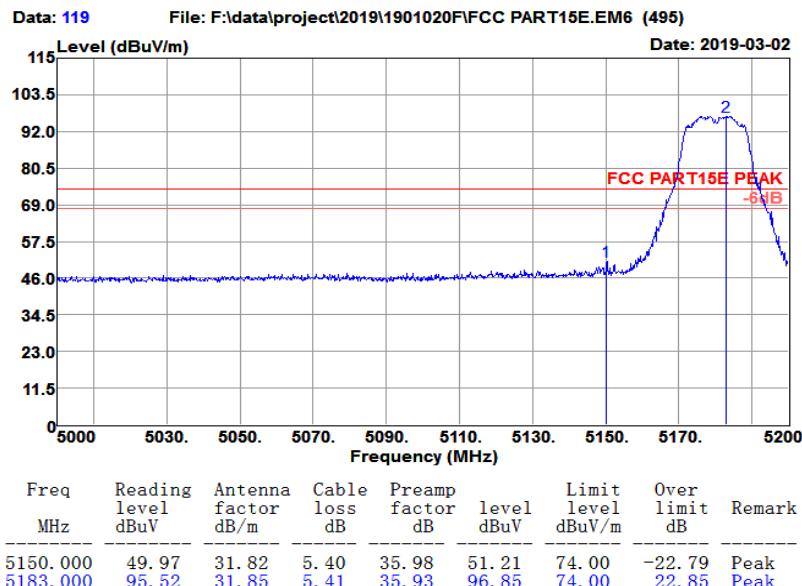


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	41.83	31.82	5.40	35.98	43.07	54.00	-10.93	Average
5183.400	93.84	31.85	5.41	35.93	95.17	54.00	41.17	Average

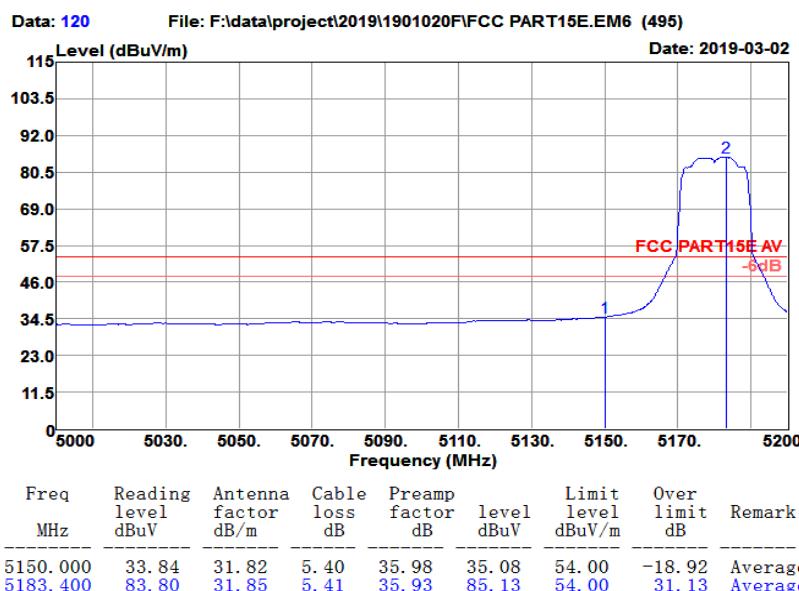
802.11N20 5180MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating:	AC120V/60Hz	
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH36(5180MHz)			



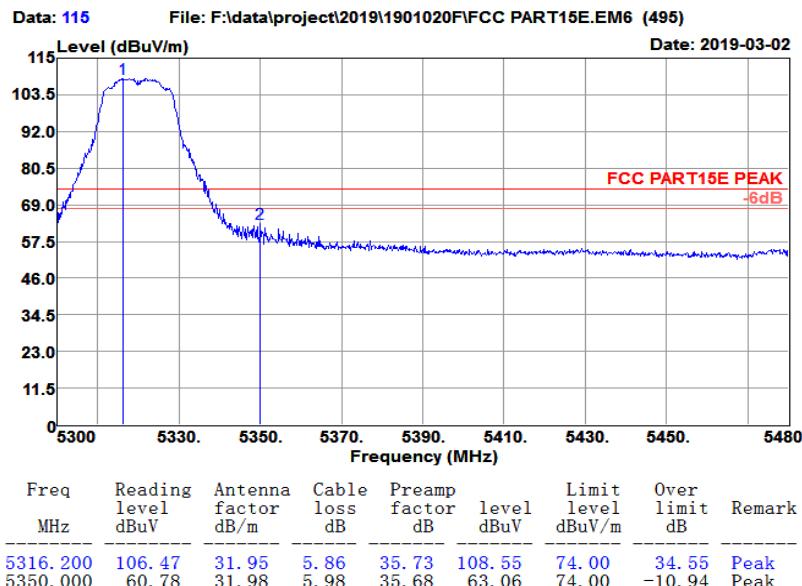
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH36(5180MHz)  
 -----



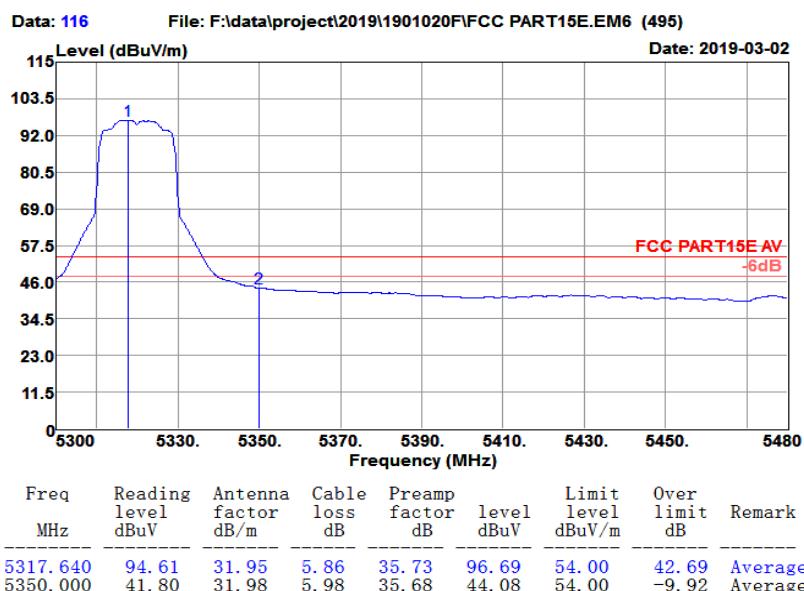
802.11N20 5320MHz

Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH64(5320MHz)		



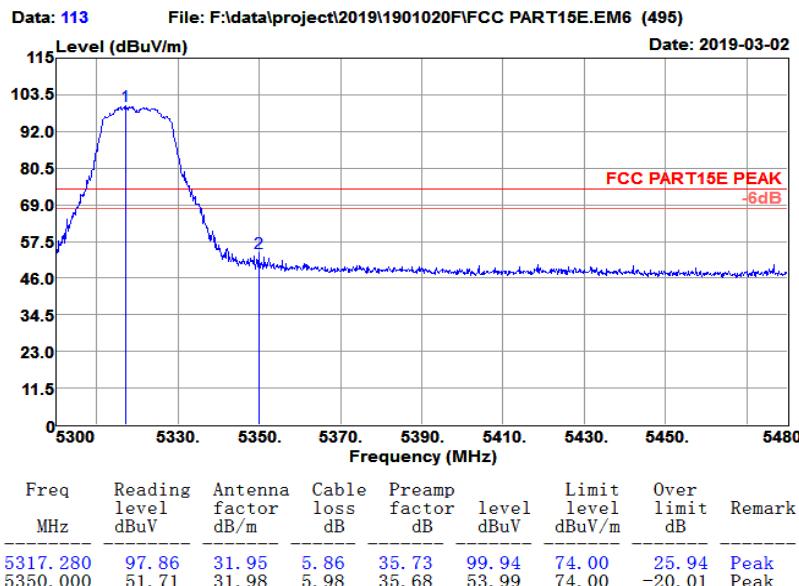
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH64(5320MHz)  
-----



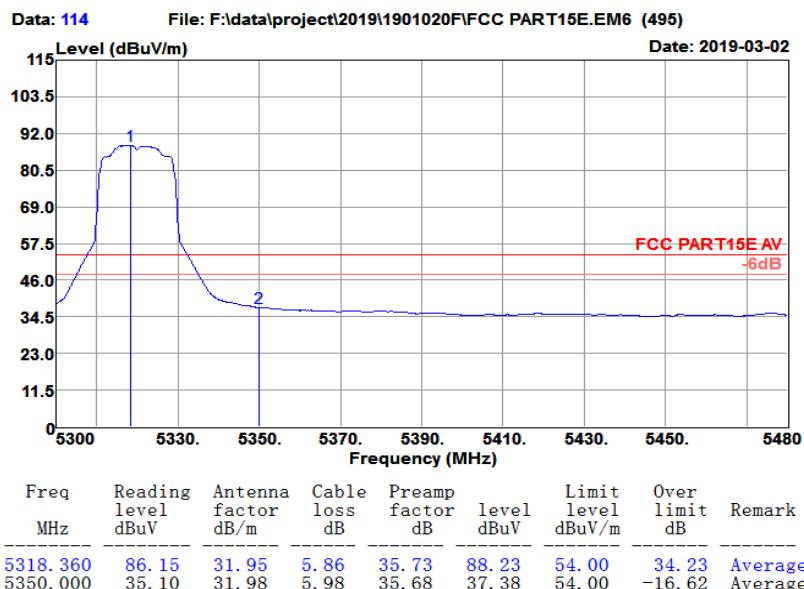
802.11N20 5320MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH64(5320MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH64(5320MHz)  
-----

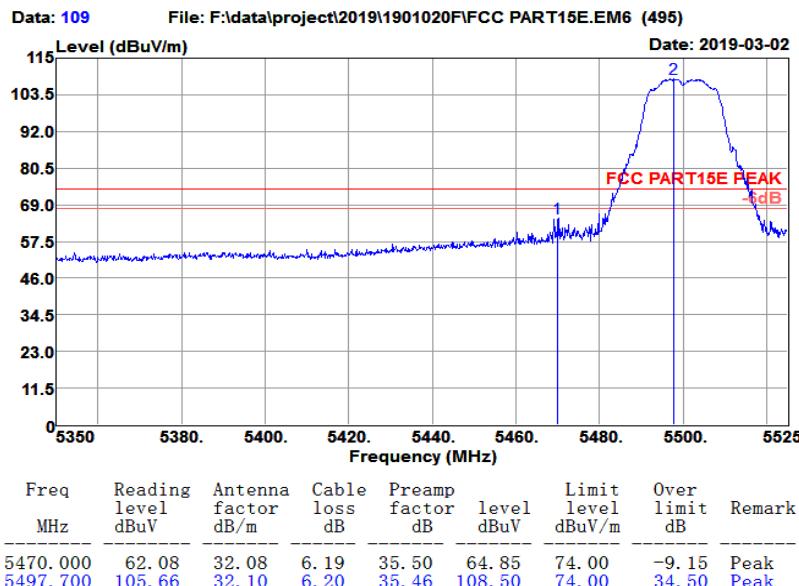


## WIFI 802.11n HT20 Band U-NII-2C (Band Edge @ 3m)

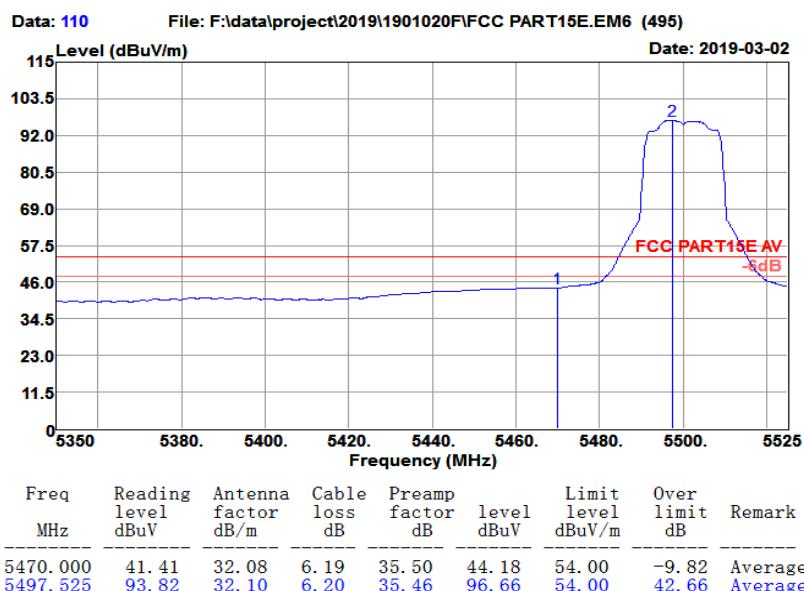
802.11N20 5500MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH100(5500MHz)			



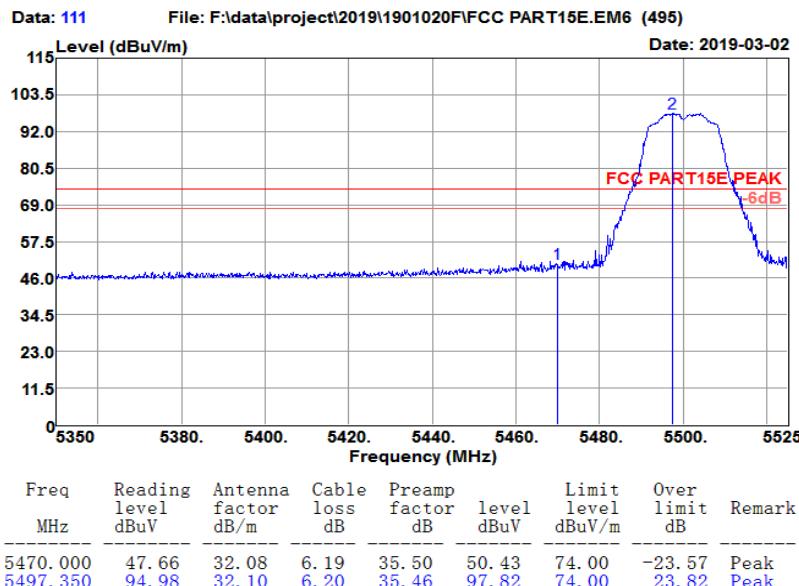
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH100(5500MHz)



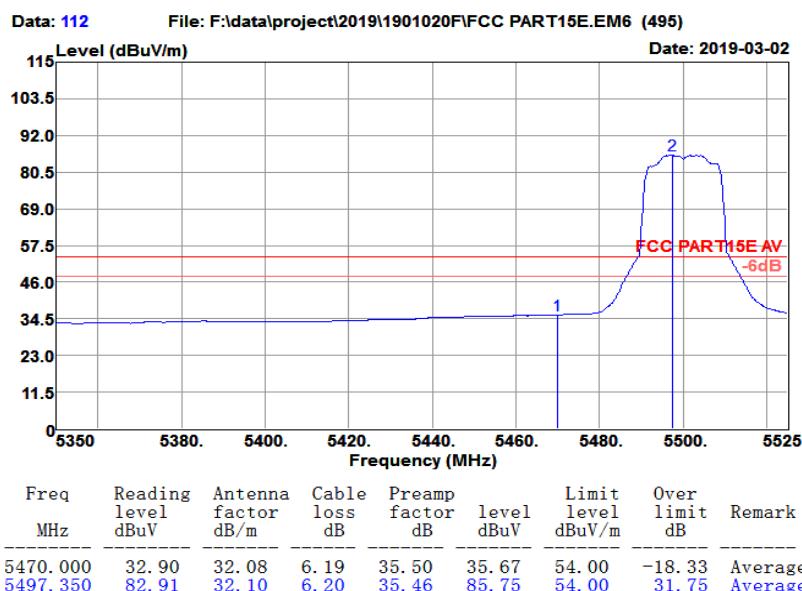
802.11N20 5500MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH100(5500MHz)			



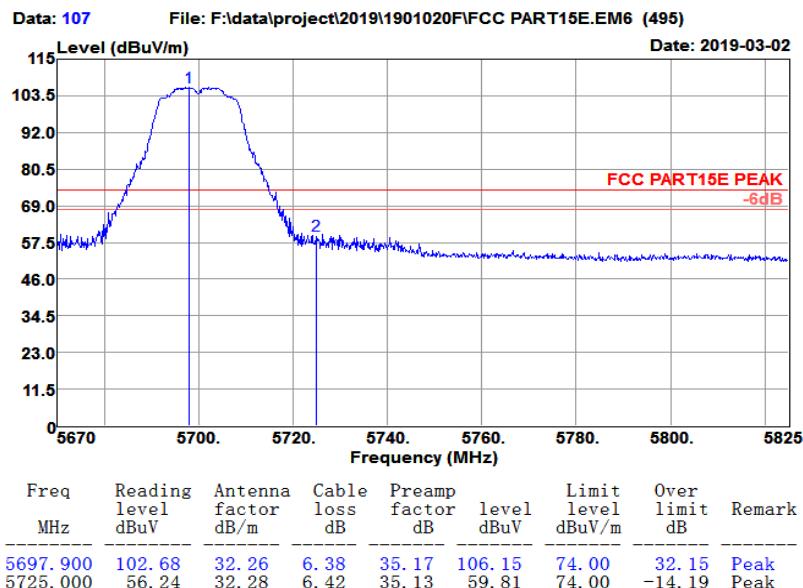
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH100(5500MHz)



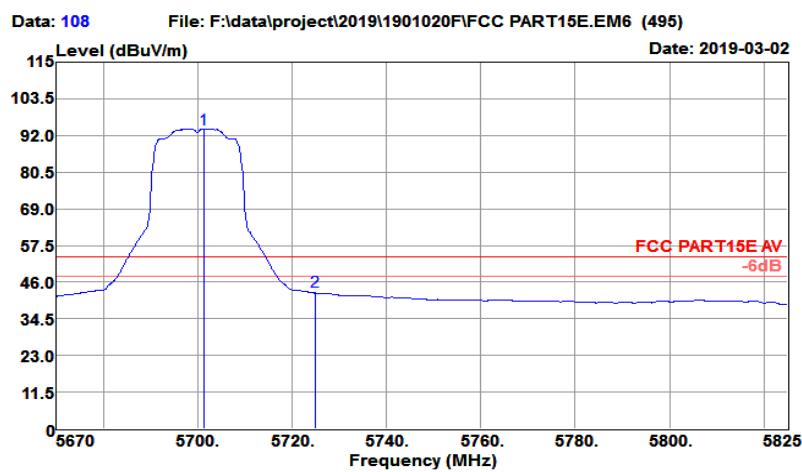
802.11N40 5700MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH140(5700MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH140(5700MHz)

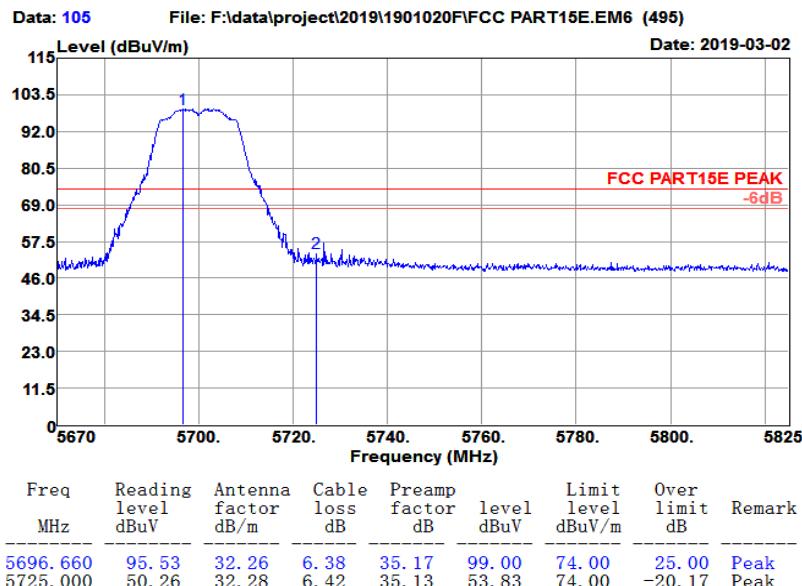


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5701.465	90.65	32.26	6.39	35.16	94.14	54.00	40.14	Average
5725.000	39.43	32.28	6.42	35.13	43.00	54.00	-11.00	Average

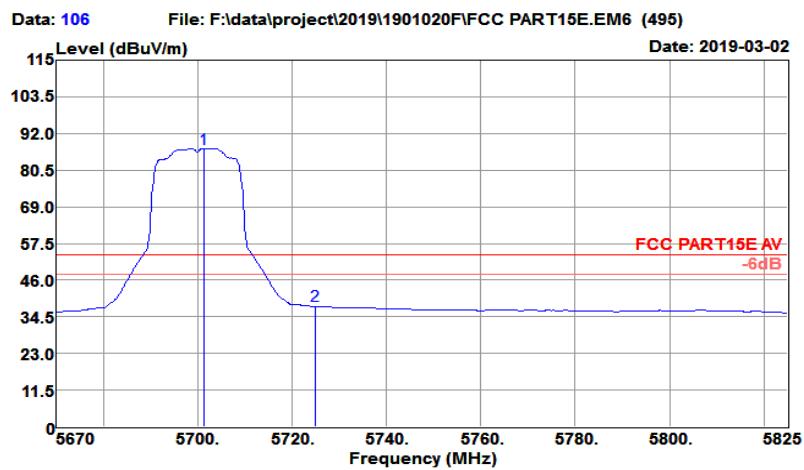
802.11N20 5700MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH140(5700MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH140(5700MHz)



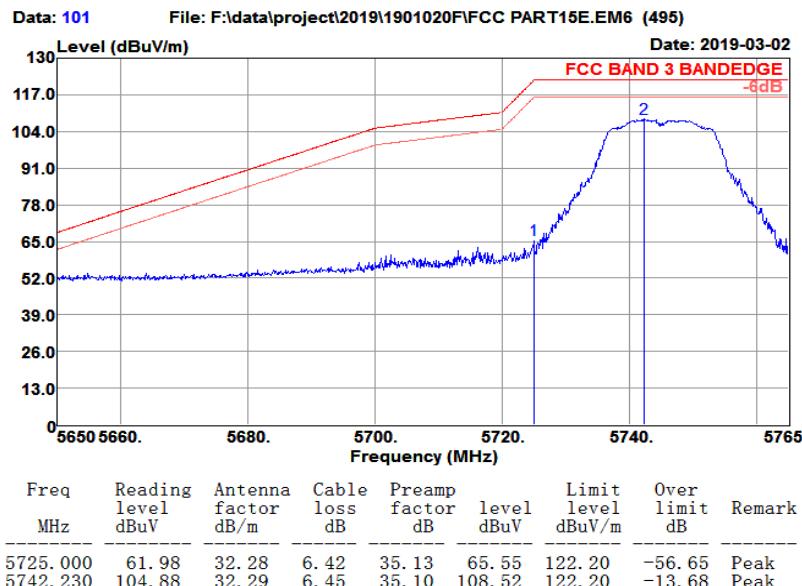
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5701.465	83.87	32.26	6.39	35.16	87.36	54.00	33.36	Average
5725.000	34.41	32.28	6.42	35.13	37.98	54.00	-16.02	Average

## WIFI 802.11n HT20 Band U-NII-3(Band Edge @ 3m)

802.11N20 5745MHz

Horizontal:

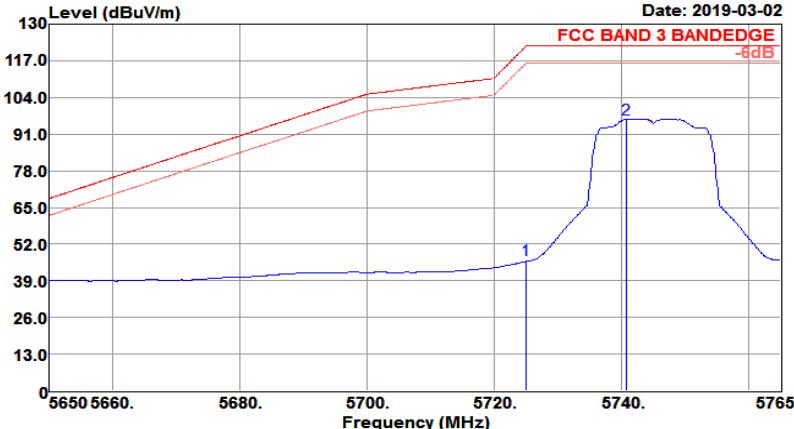
Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH149(5745MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH149(5745MHz)		

Data: 102      File: F:\data\project\2019\1901020F\FCC PART15E.EM6 (495)

Date: 2019-03-02

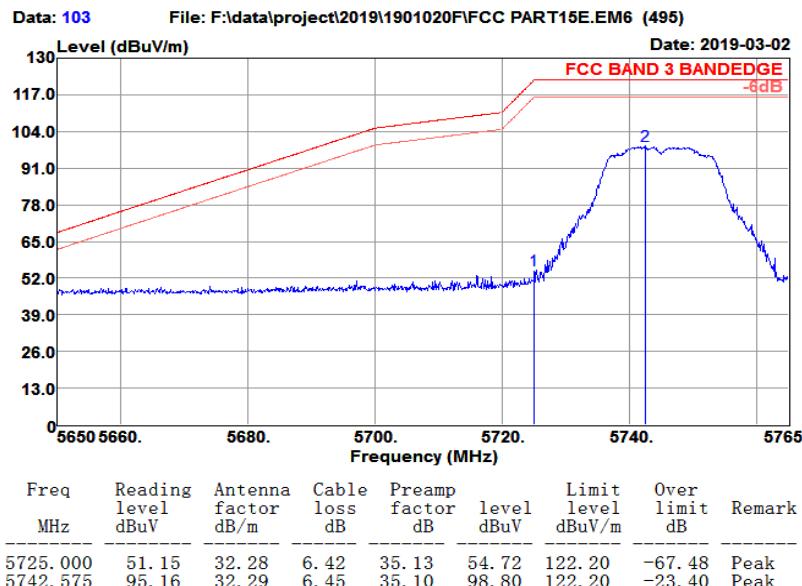


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	42.74	32.28	6.42	35.13	46.31	122.20	-75.89	Average
5740.850	92.81	32.29	6.44	35.10	96.44	122.20	-25.76	Average

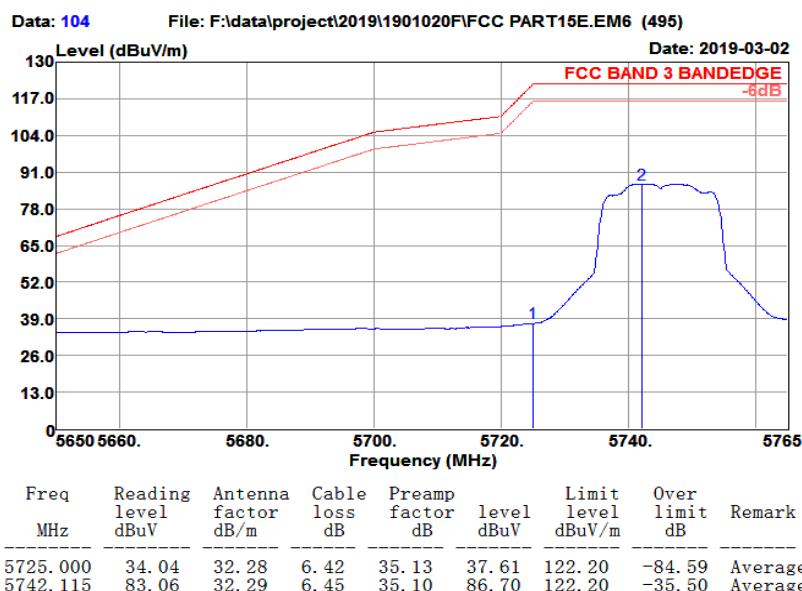
802.11N20 5745MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating:	AC120V/60Hz	
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH149(5745MHz)			



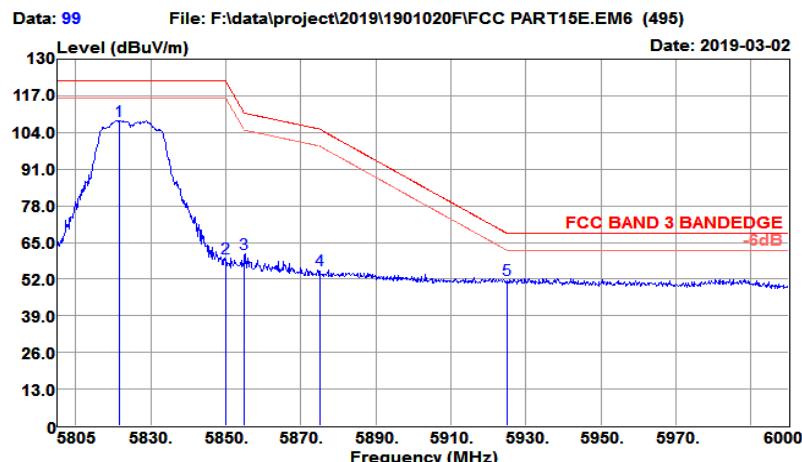
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH149(5745MHz)



802.11N20 5825MHz

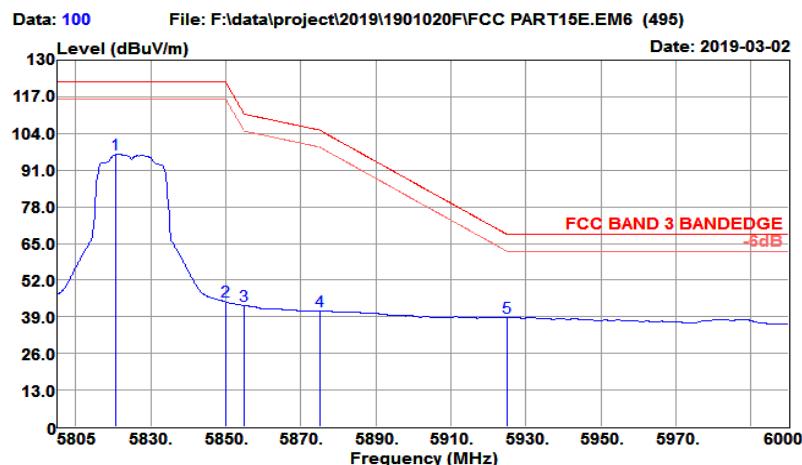
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH165(5825MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV/m	Over limit dB	Remark
5821.575	104.39	32.36	6.53	34.98	108.30	-13.90	Peak
5850.000	55.67	32.38	6.53	34.94	59.64	-62.56	Peak
5855.000	57.13	32.38	6.53	34.93	61.11	-49.69	Peak
5875.000	51.11	32.40	6.53	34.91	55.13	-50.07	Peak
5925.000	47.77	32.44	6.52	34.83	51.90	-16.30	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH165(5825MHz)		

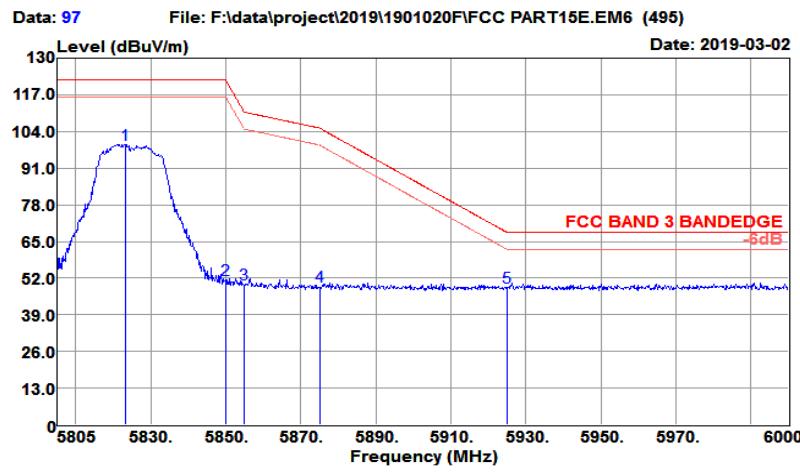


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV	Over limit dB	Remark
5820.795	92.70	32.36	6.53	34.99	96.60	122.20	-25.60 Average
5850.000	40.47	32.38	6.53	34.94	44.44	122.20	-77.76 Average
5855.000	39.08	32.38	6.53	34.93	43.06	110.80	-67.74 Average
5875.000	36.95	32.40	6.53	34.91	40.97	105.20	-64.23 Average
5925.000	34.65	32.44	6.52	34.83	38.78	68.20	-29.42 Average

802.11N20 5825MHz

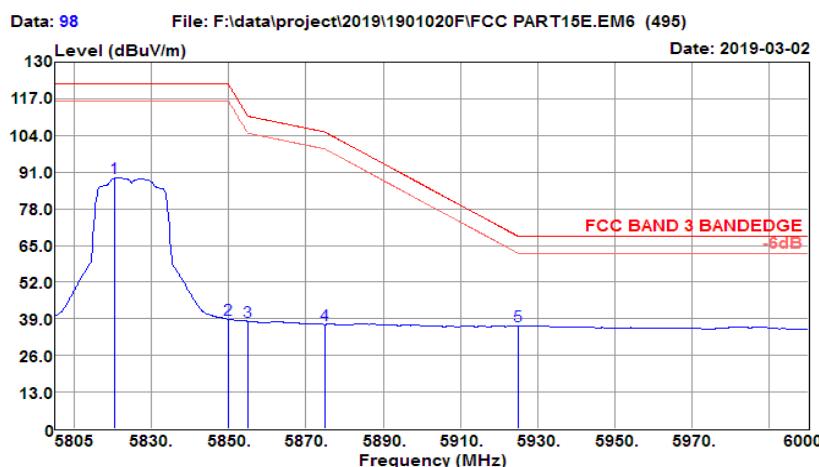
Vertical:

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH165(5825MHz)



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5823.330	95.52	32.36	6.53	34.98	99.43	122.20	-22.77	Peak
5850.000	47.25	32.38	6.53	34.94	51.22	122.20	-70.98	Peak
5855.000	46.05	32.38	6.53	34.93	50.03	110.80	-60.77	Peak
5875.000	45.08	32.40	6.53	34.91	49.10	105.20	-56.10	Peak
5925.000	44.56	32.44	6.52	34.83	48.69	68.20	-19.51	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH165(5825MHz)  
 -----



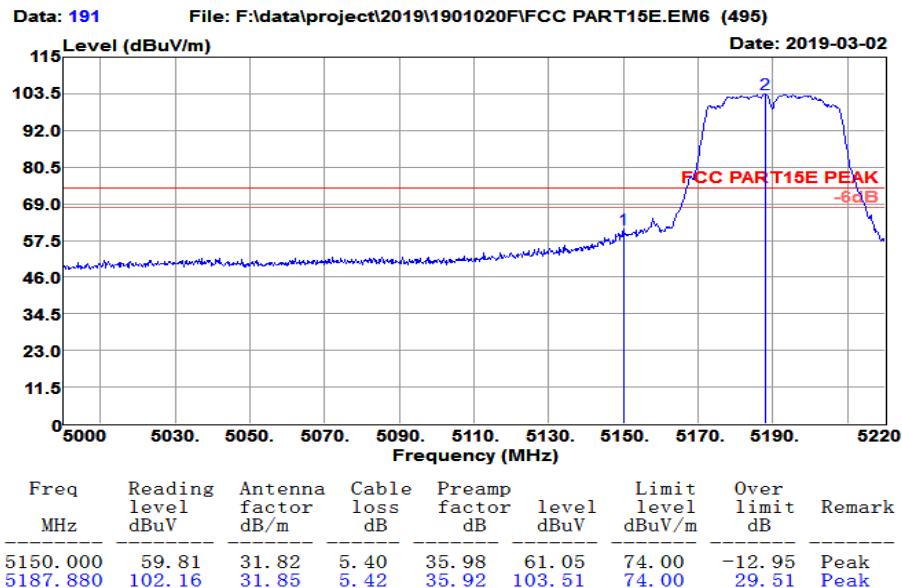
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5820.600	85.13	32.36	6.53	34.99	89.03	122.20	-33.17	Average
5850.000	34.78	32.38	6.53	34.94	38.75	122.20	-83.45	Average
5855.000	34.17	32.38	6.53	34.93	38.15	110.80	-72.65	Average
5875.000	32.97	32.40	6.53	34.91	36.99	105.20	-68.21	Average
5925.000	32.26	32.44	6.52	34.83	36.39	68.20	-31.81	Average

## WIFI 802.11n HT40 Band U-NII-1&2A (Band Edge @ 3m)

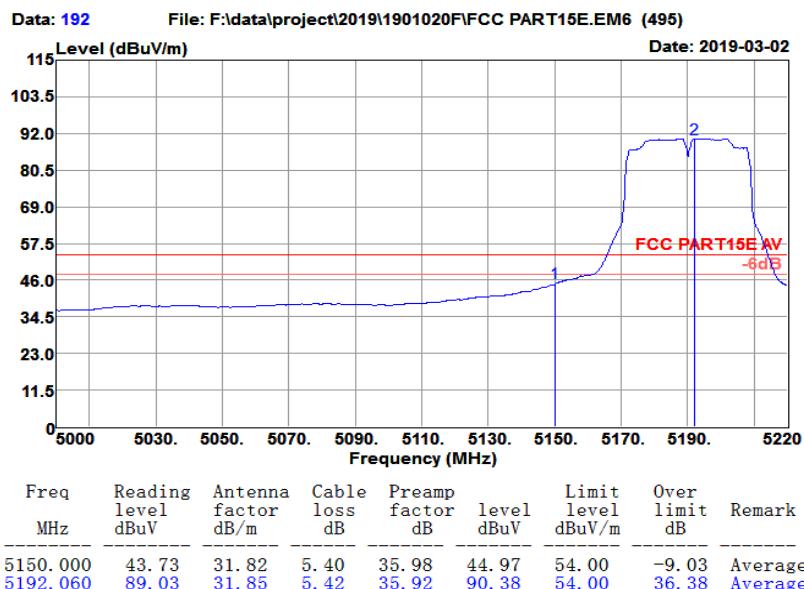
802.11N40 5190MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH38(5190MHz)			



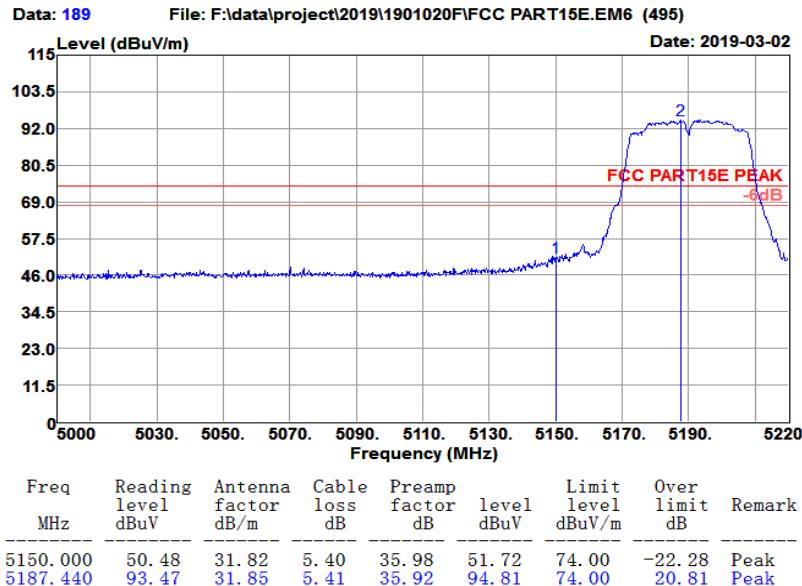
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
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Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT40 CH38(5190MHz)  
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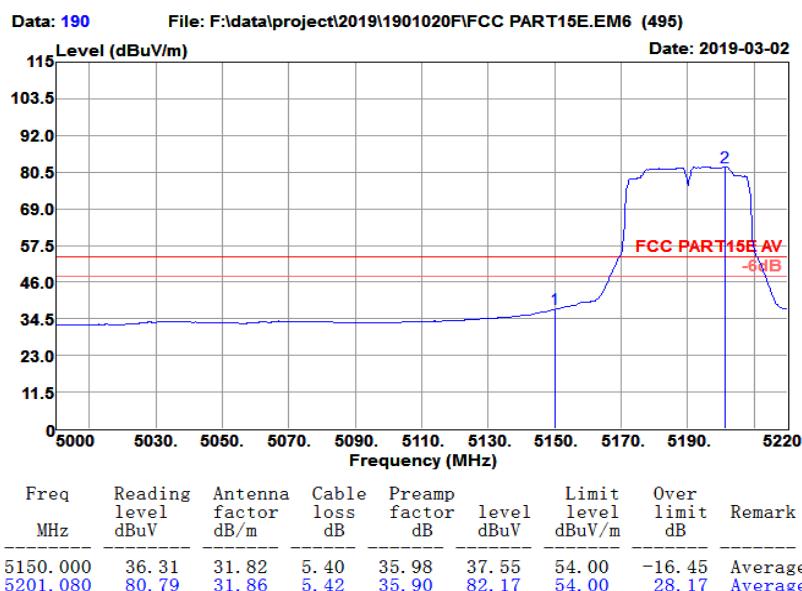
802.11N40 5190MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH38(5190MHz)			



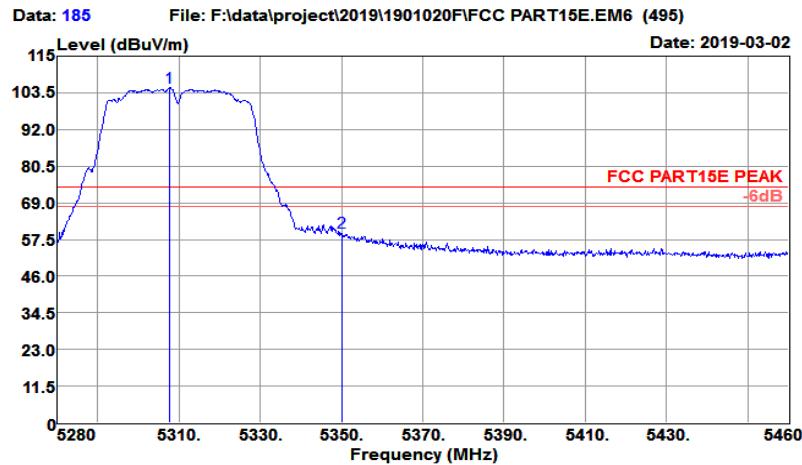
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT40 CH38(5190MHz)  
-----



802.11N40 5310MHz

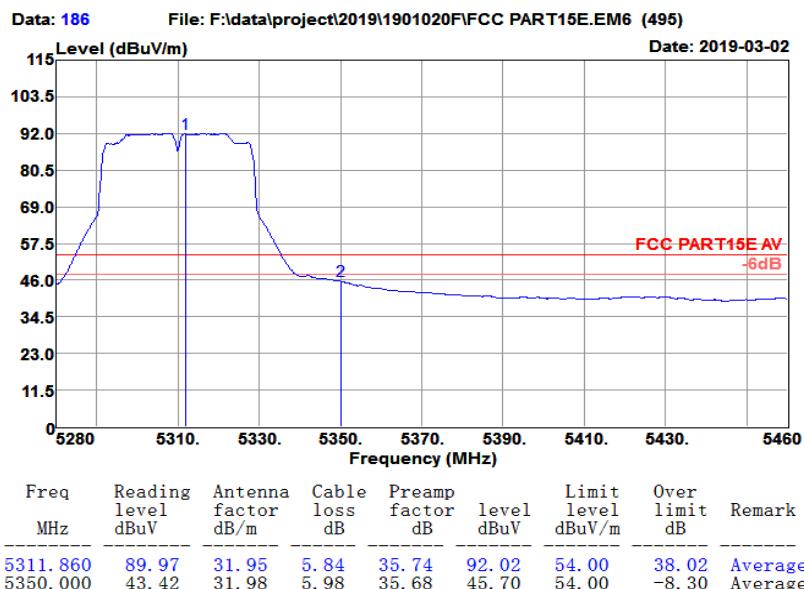
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH62(5310MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5307.540	103.05	31.95	5.82	35.74	105.08	74.00	31.08	Peak
5350.000	57.45	31.98	5.98	35.68	59.73	74.00	-14.27	Peak

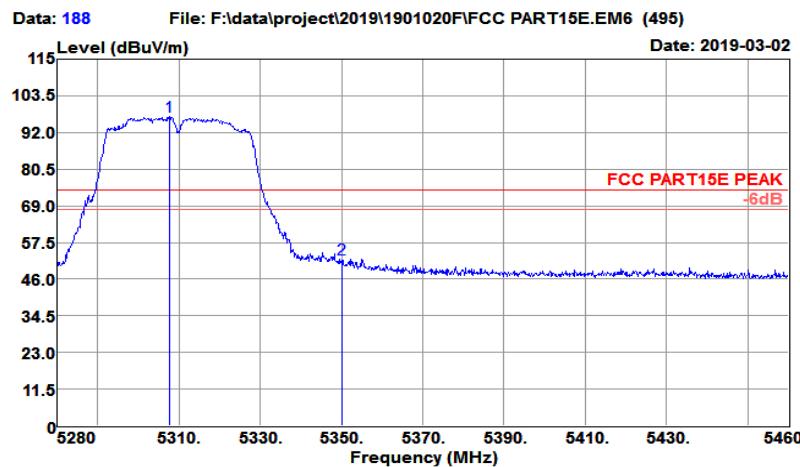
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH62(5310MHz)



802.11N40 5310MHz

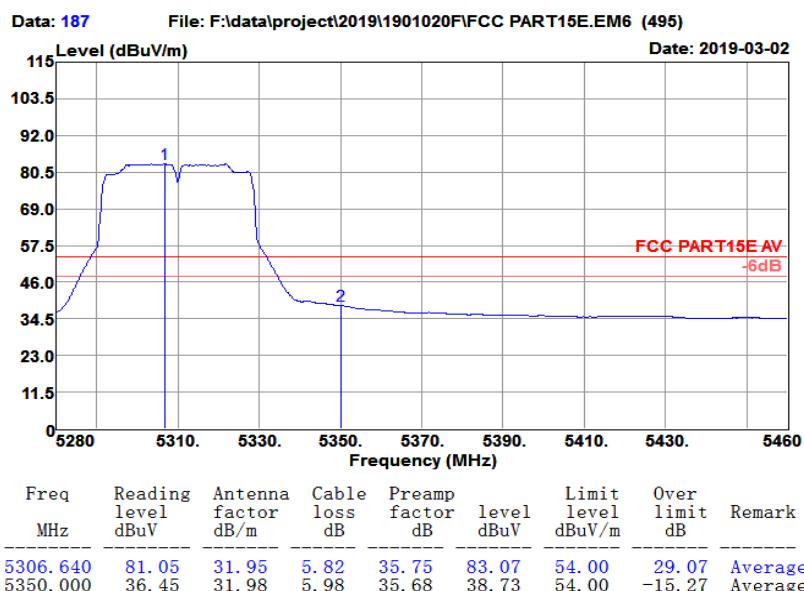
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH62(5310MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5307.540	94.96	31.95	5.82	35.74	96.99	74.00	22.99	Peak
5350.000	49.88	31.98	5.98	35.68	52.16	74.00	-21.84	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating: AC120V/60Hz		
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH62(5310MHz)			

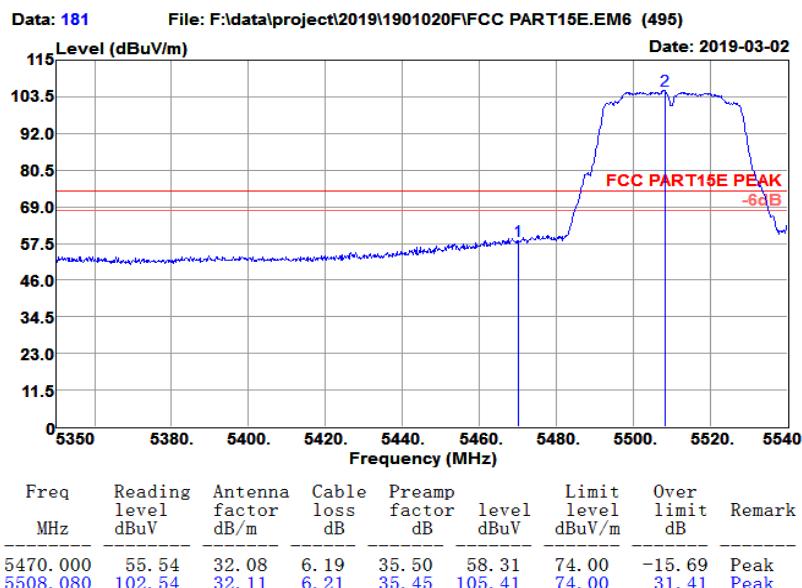


## WIFI 802.11n HT40 Band U-NII-2C (Band Edge @ 3m)

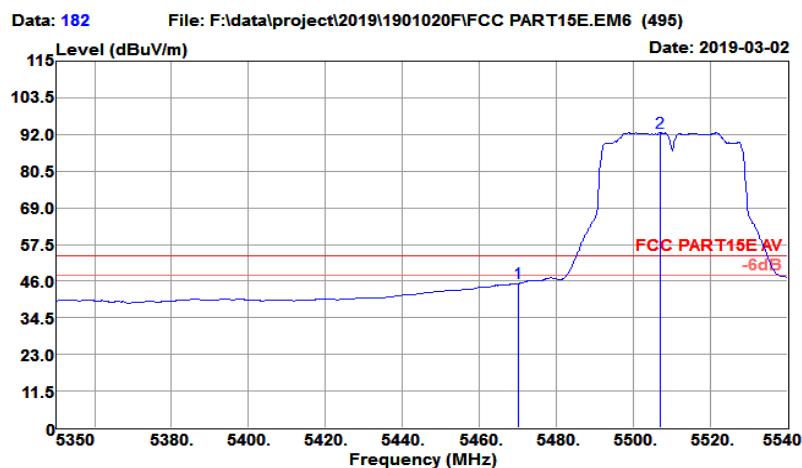
802.11N40 5510MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH102(5510MHz)			



Test Site : 3m Chamber  
 -----  
 Tested by : Damon  
 -----  
 EUT : all in one  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH102(5510MHz)  
 -----

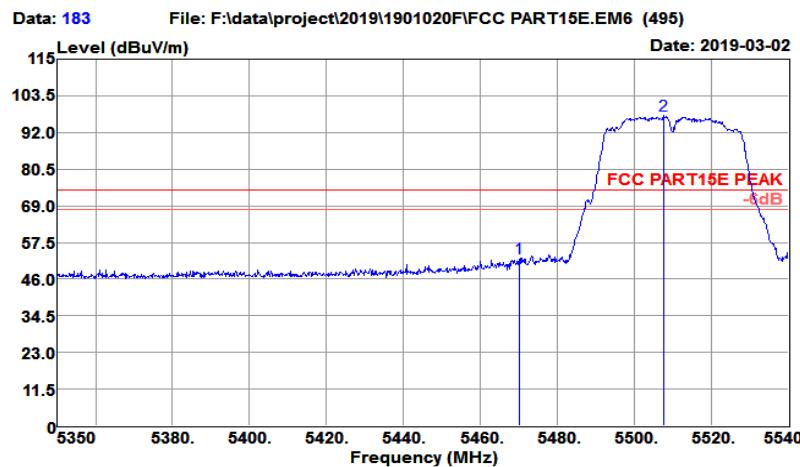


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.54	32.08	6.19	35.50	45.31	54.00	-8.69	Average
5506.940	89.69	32.11	6.21	35.45	92.56	54.00	38.56	Average

802.11N40 5510MHz

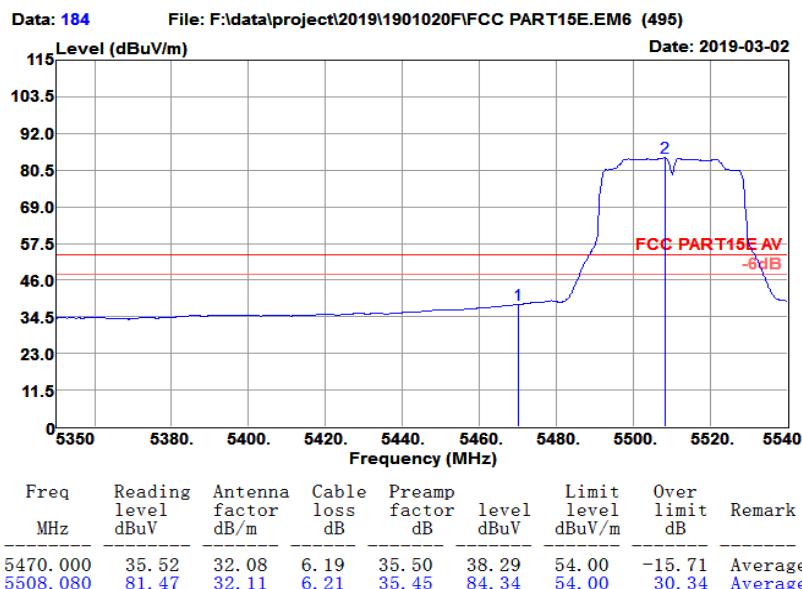
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH102(5510MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	49.74	32.08	6.19	35.50	52.51	74.00	-21.49	Peak
5507.700	94.49	32.11	6.21	35.45	97.36	74.00	23.36	Peak

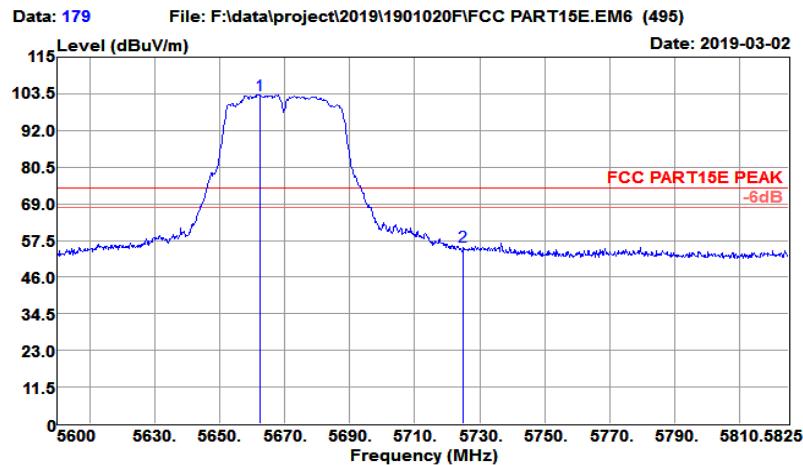
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH102(5510MHz)



802.11N40 5670MHz

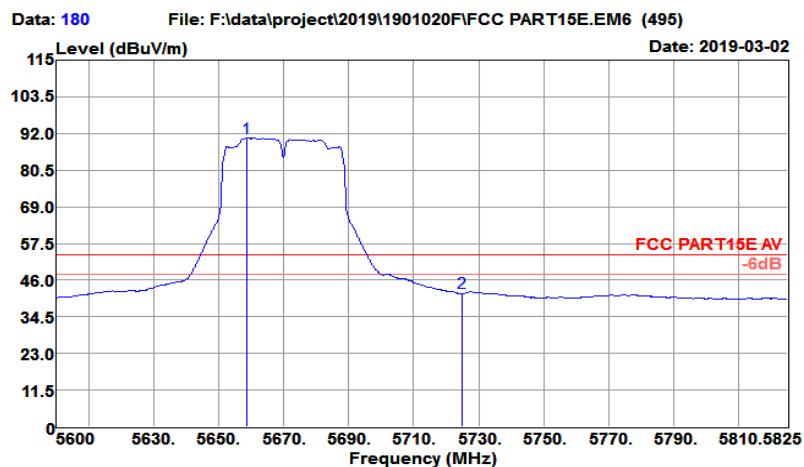
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH134(5670MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5662.550	99.83	32.23	6.33	35.22	103.17	74.00	29.17	Peak
5725.000	52.16	32.28	6.42	35.13	55.73	74.00	-18.27	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating: AC120V/60Hz		
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH134(5670MHz)			

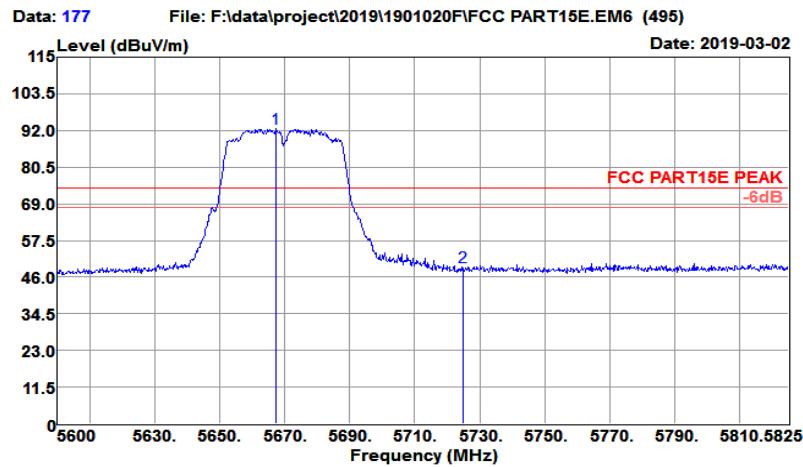


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5658.725	87.31	32.23	6.33	35.23	90.64	54.00	36.64	Average
5725.000	38.53	32.28	6.42	35.13	42.10	54.00	-11.90	Average

802.11N40 5670MHz

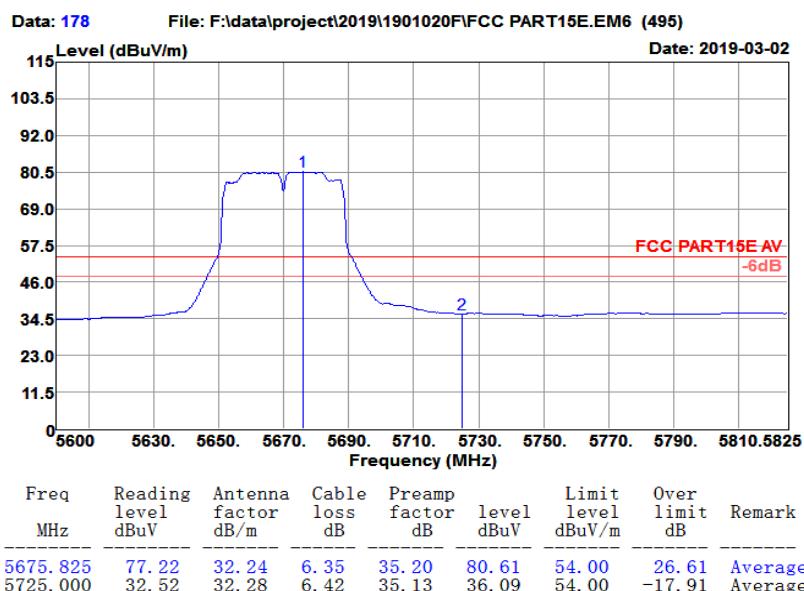
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH134(5670MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5667.500	89.30	32.23	6.34	35.21	92.66	74.00	18.66	Peak
5725.000	45.48	32.28	6.42	35.13	49.05	74.00	-24.95	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT40 CH134(5670MHz)  
-----

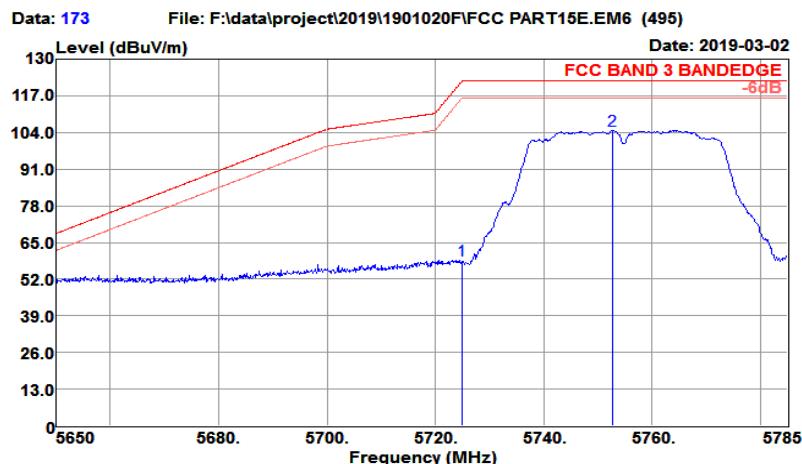


## WIFI 802.11n HT40 Band U-NII-3 (Band Edge @ 3m)

802.11N40 5755MHz

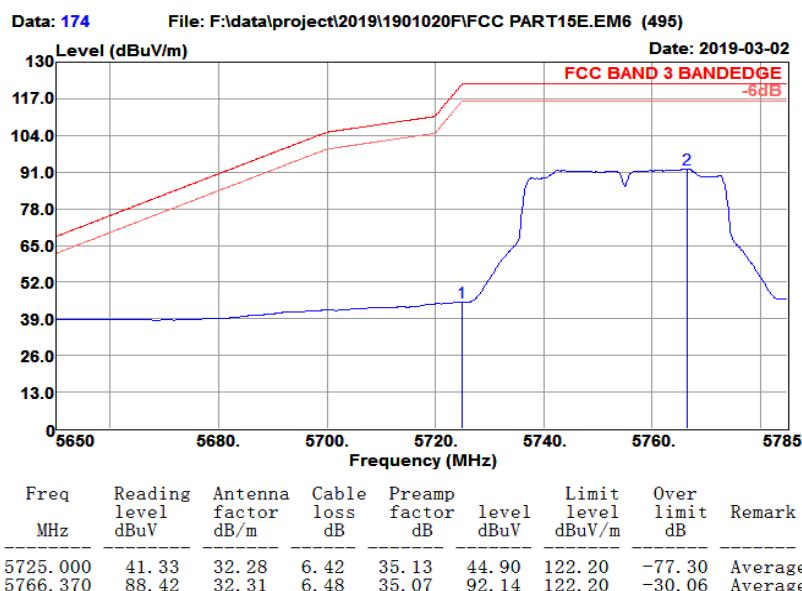
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH151(5755MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	55.22	32.28	6.42	35.13	58.79	122.20	-63.41	Peak
5752.735	101.07	32.30	6.46	35.09	104.74	122.20	-17.46	Peak

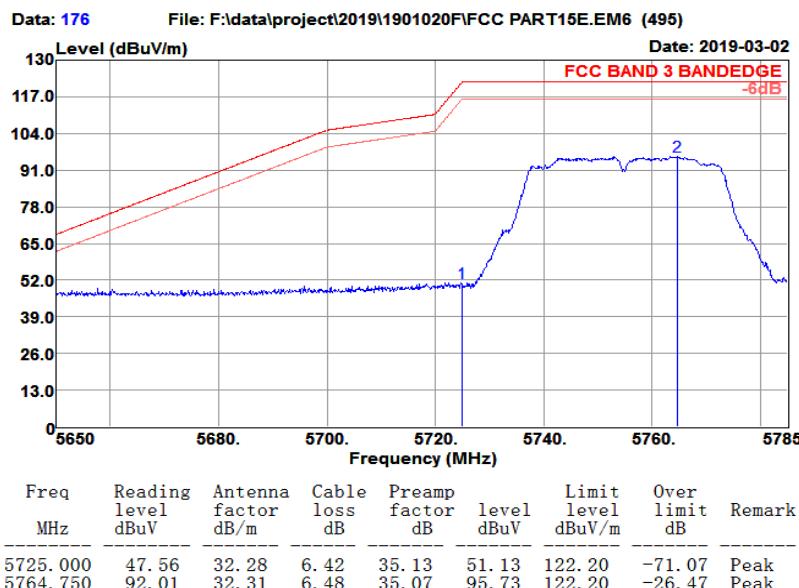
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH151(5755MHz)



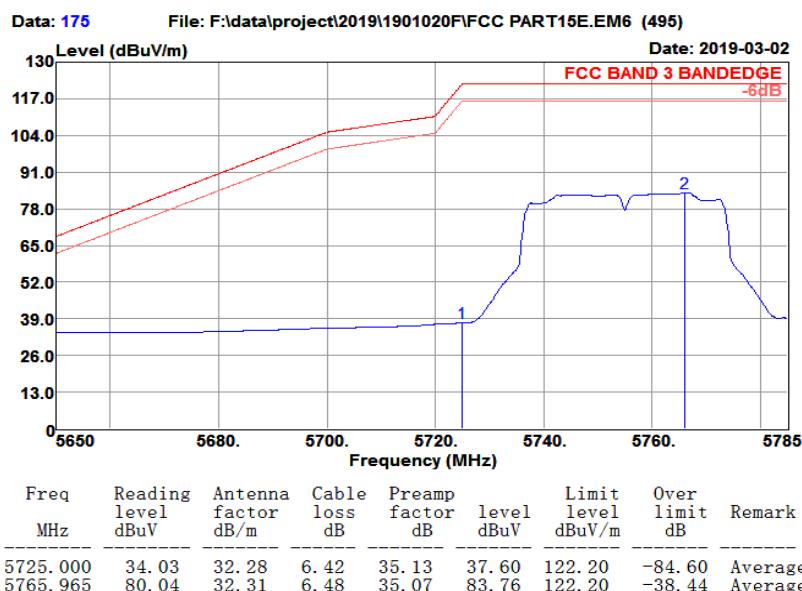
802.11N40 5755MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH151(5755MHz)			



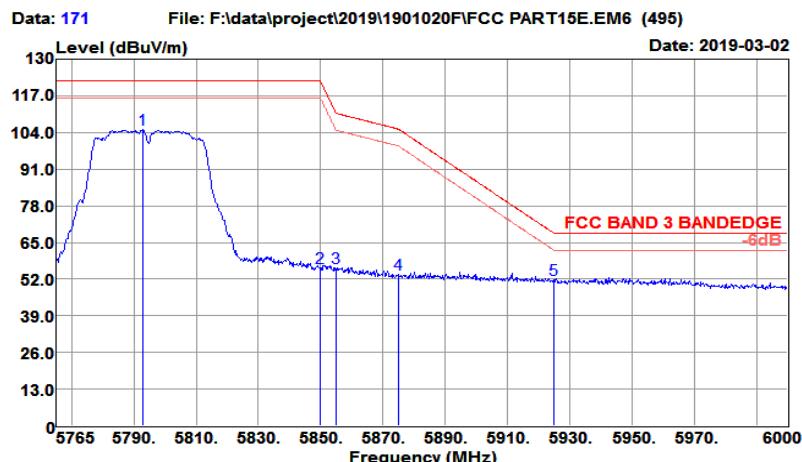
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
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 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH151(5755MHz)



802.11N40 5795MHz

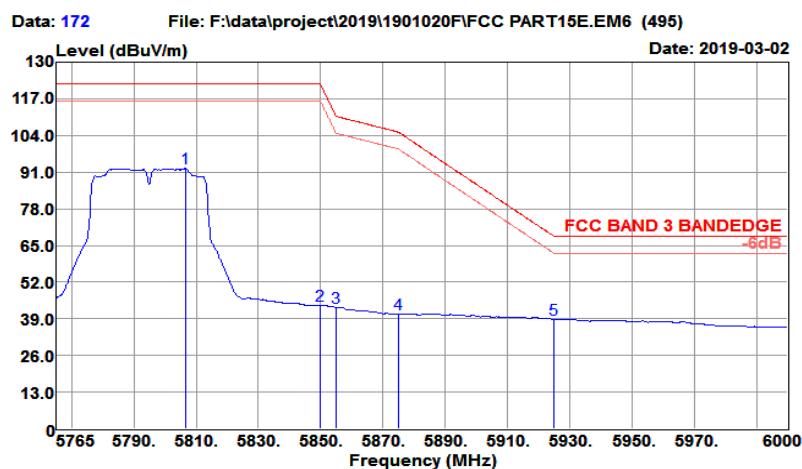
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH159(5795MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5792.730	101.09	32.33	6.52	35.03	104.91	122.20	-17.29	Peak
5850.000	52.16	32.38	6.53	34.94	56.13	122.20	-66.07	Peak
5855.000	51.91	32.38	6.53	34.93	55.89	110.80	-54.91	Peak
5875.000	49.66	32.40	6.53	34.91	53.68	105.20	-51.52	Peak
5925.000	47.83	32.44	6.52	34.83	51.96	68.20	-16.24	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH159(5795MHz)

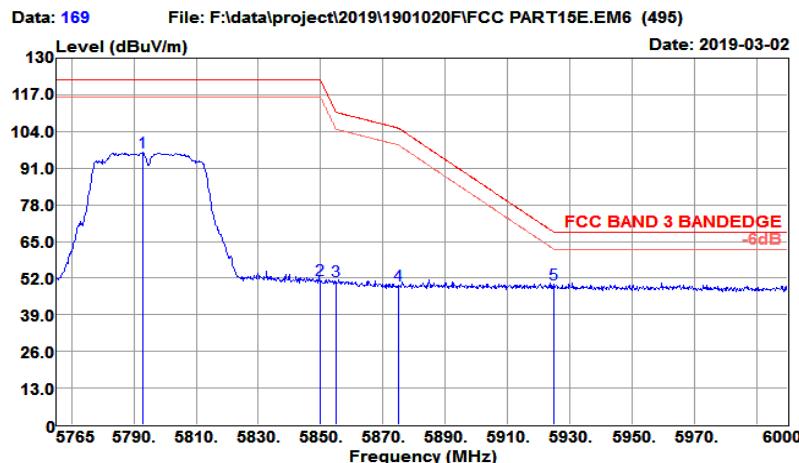


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5806.595	88.39	32.35	6.53	35.01	92.26	122.20	-29.94	Average
5850.000	39.64	32.38	6.53	34.94	43.61	122.20	-78.59	Average
5855.000	39.16	32.38	6.53	34.93	43.14	110.80	-67.66	Average
5875.000	36.62	32.40	6.53	34.91	40.64	105.20	-64.56	Average
5925.000	34.71	32.44	6.52	34.83	38.84	68.20	-29.36	Average

802.11N40 5795MHz

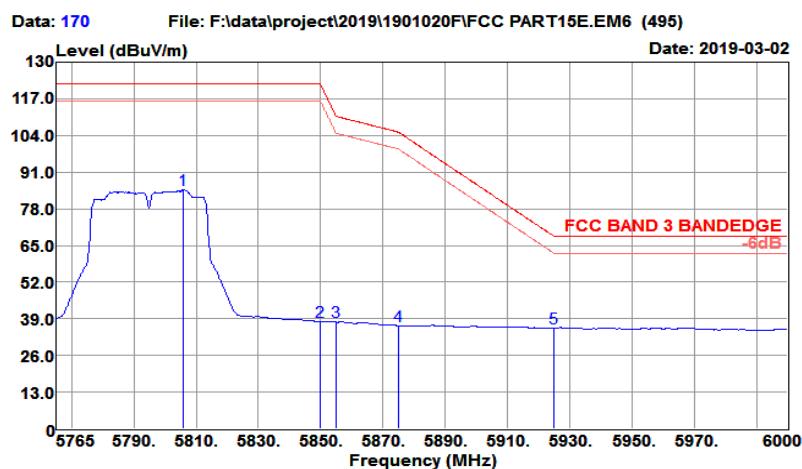
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT40 CH159(5795MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5792.730	92.69	32.33	6.52	35.03	96.51	122.20	-25.69	Peak
5850.000	47.54	32.38	6.53	34.94	51.51	122.20	-70.69	Peak
5855.000	47.01	32.38	6.53	34.93	50.99	110.80	-59.81	Peak
5875.000	45.60	32.40	6.53	34.91	49.62	105.20	-55.58	Peak
5925.000	45.62	32.44	6.52	34.83	49.75	68.20	-18.45	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT40 CH159(5795MHz)



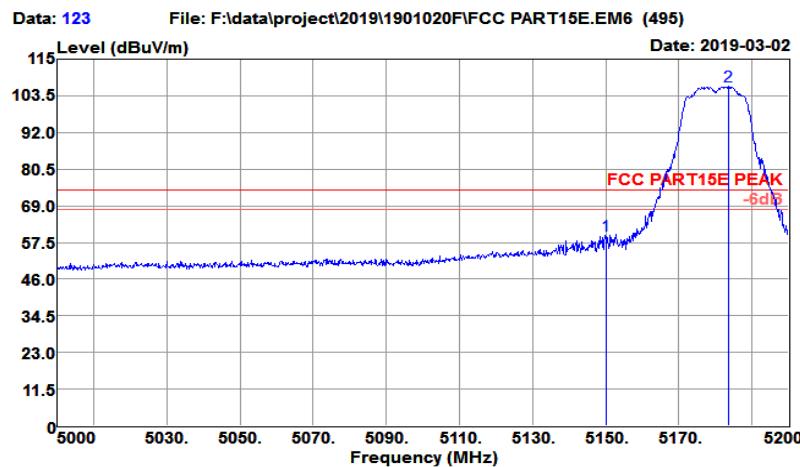
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5805.890	80.79	32.34	6.53	35.01	84.65	122.20	-37.55	Average
5850.000	34.12	32.38	6.53	34.94	38.09	122.20	-84.11	Average
5855.000	33.84	32.38	6.53	34.93	37.82	110.80	-72.98	Average
5875.000	32.57	32.40	6.53	34.91	36.59	105.20	-68.61	Average
5925.000	31.66	32.44	6.52	34.83	35.79	68.20	-32.41	Average

## WIFI 802.11AC VHT20 Band U-NII-1&2A (Band Edge @ 3m)

802.11 AC20 5180MHz

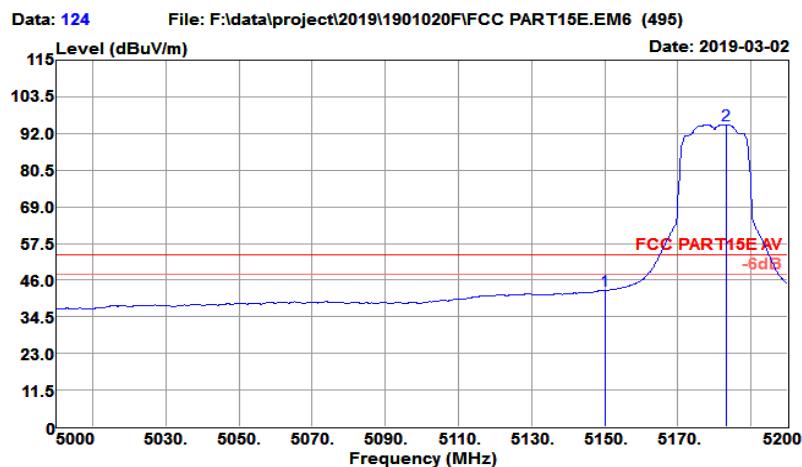
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH36(5180MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	58.45	31.82	5.40	35.98	59.69	74.00	-14.31	Peak
5183.600	105.11	31.85	5.41	35.93	106.44	74.00	32.44	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT20 CH36(5180MHz)

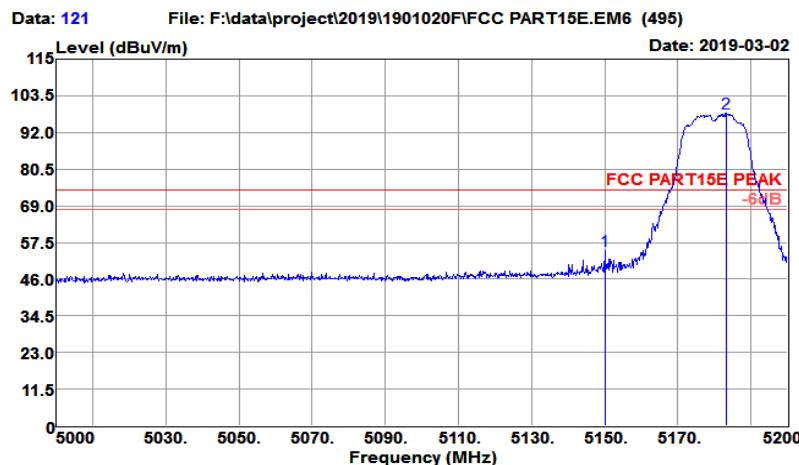


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	41.49	31.82	5.40	35.98	42.73	54.00	-11.27	Average
5183.200	93.48	31.85	5.41	35.93	94.81	54.00	40.81	Average

802.11 AC20 5180MHz

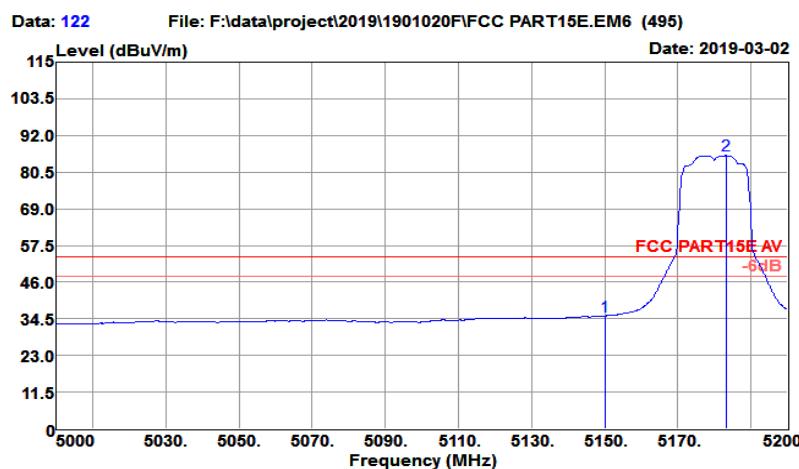
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH36(5180MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	53.57	31.82	5.40	35.98	54.81	74.00	-19.19	Peak
5183.400	96.61	31.85	5.41	35.93	97.94	74.00	23.94	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT20 CH36(5180MHz)

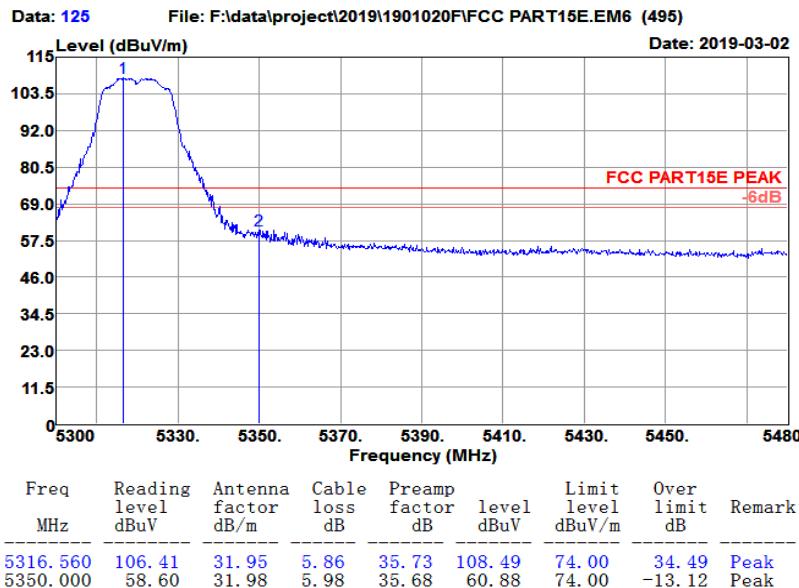


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	34.21	31.82	5.40	35.98	35.45	54.00	-18.55	Average
5183.400	84.41	31.85	5.41	35.93	85.74	54.00	31.74	Average

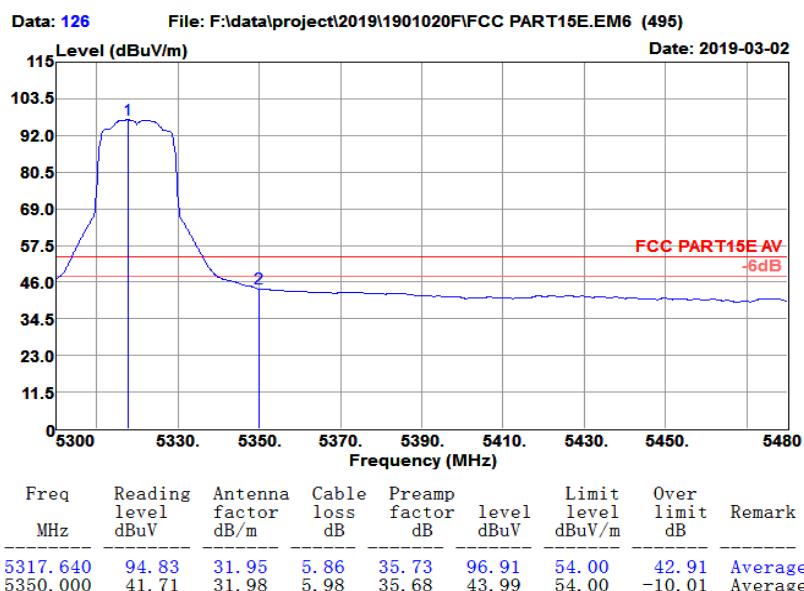
802.11 AC20 5320MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH64(5320MHz)			



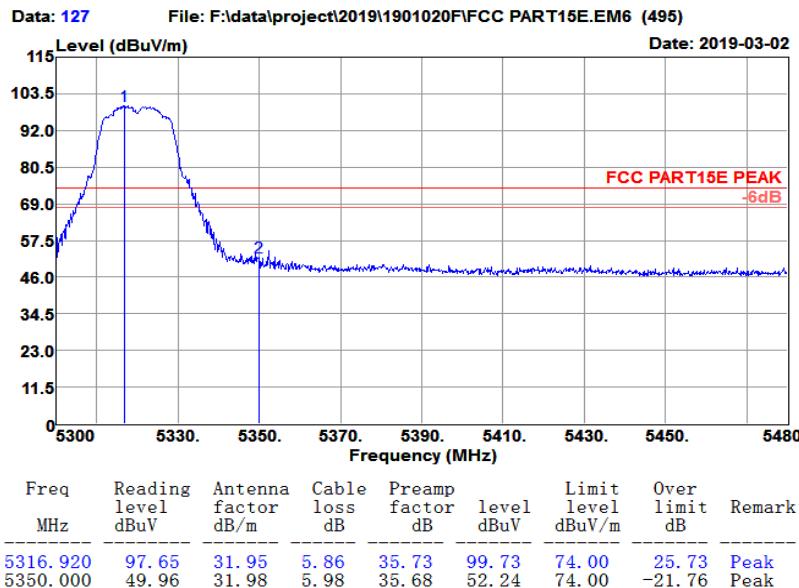
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT20 CH64(5320MHz)  
-----



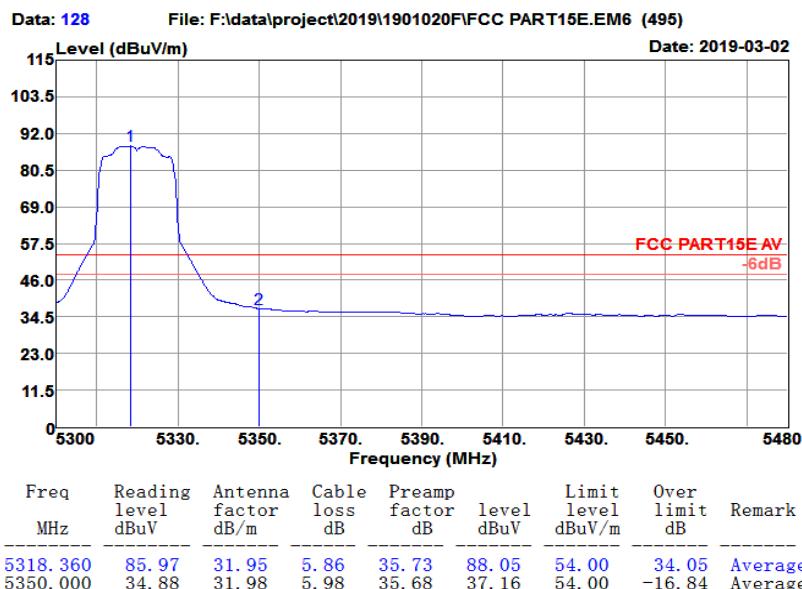
802.11 AC20 5320MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH64(5320MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH64(5320MHz)

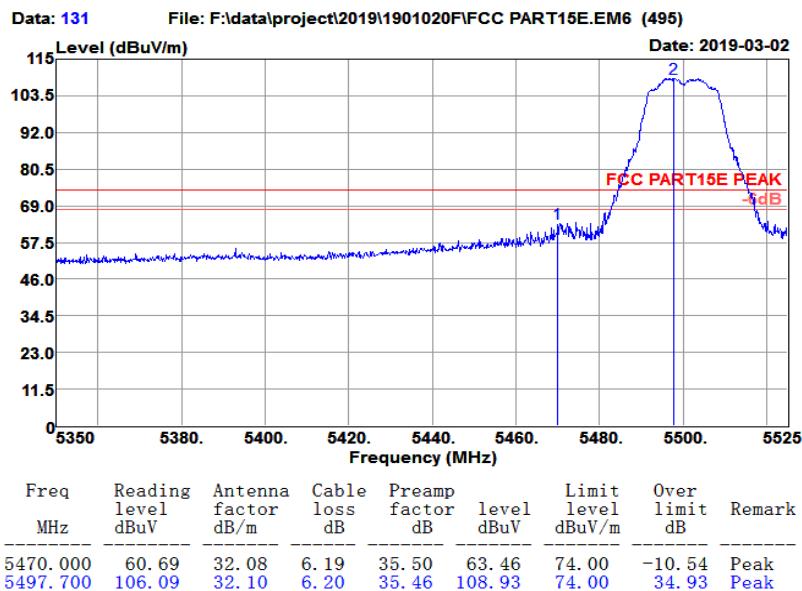


## WIFI 802.11AC HT20 Band U-NII-2C (Band Edge @ 3m)

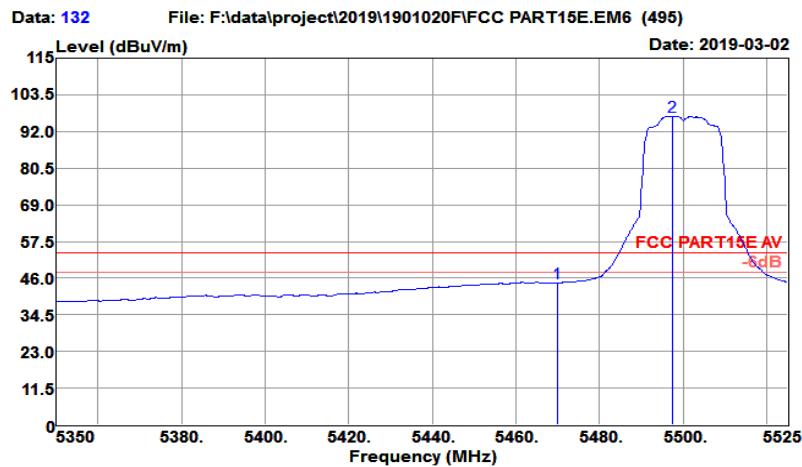
802.11 AC20 5500MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH100(5500MHz)			



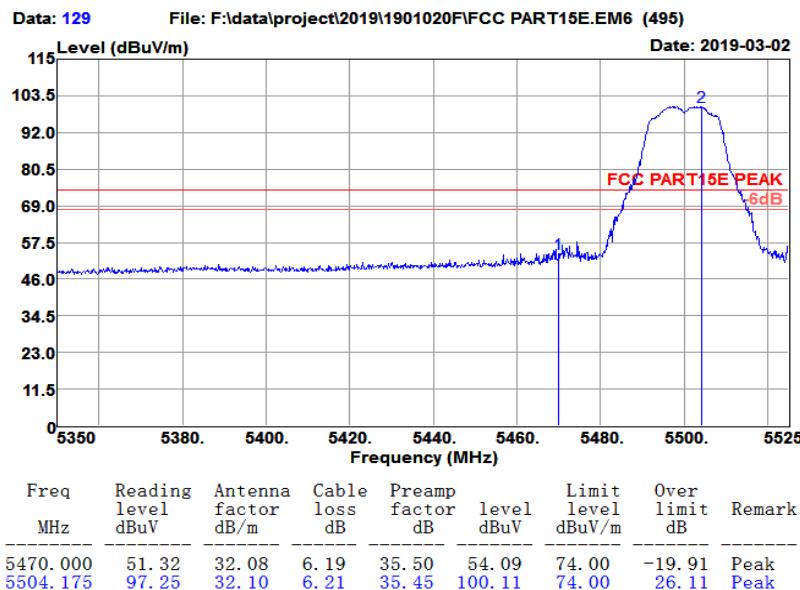
Test Site : 3m Chamber  
 -----  
 Tested by : Damon  
 -----  
 EUT : all in one  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH100(5500MHz)  
 -----



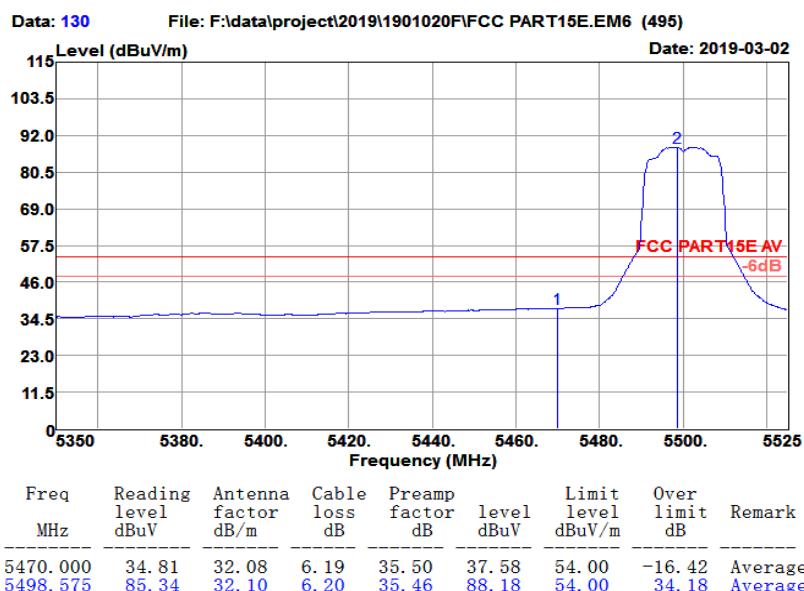
802.11 AC20 5500MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH100(5500MHz)			



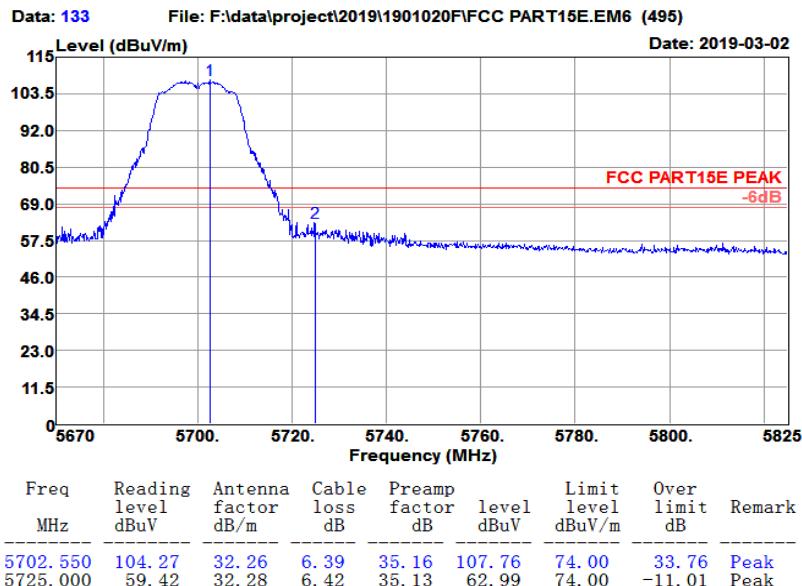
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH100(5500MHz)



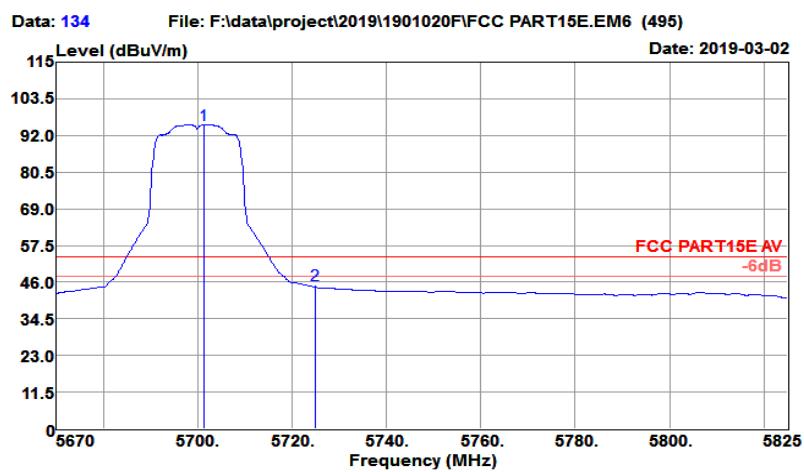
802.11 AC20 5700MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH140(5700MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT20 CH140(5700MHz)

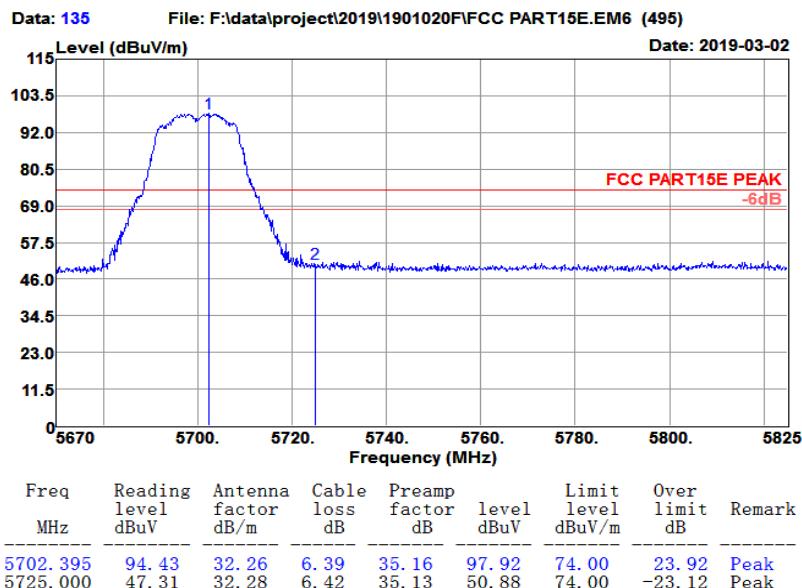


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5701.465	91.94	32.26	6.39	35.16	95.43	54.00	41.43	Average
5725.000	41.46	32.28	6.42	35.13	45.03	54.00	-8.97	Average

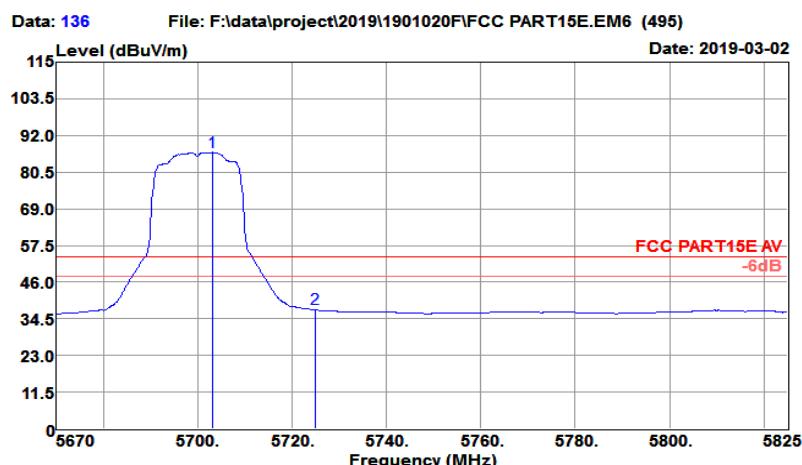
802.11 AC20 5700MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH140(5700MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT20 CH140(5700MHz)



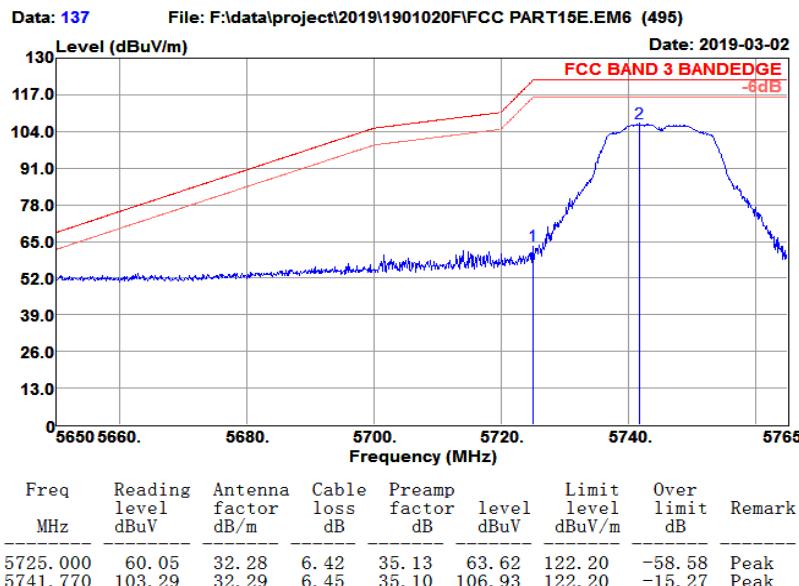
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5703.170	83.21	32.26	6.39	35.16	86.70	54.00	32.70	Average
5725.000	34.09	32.28	6.42	35.13	37.66	54.00	-16.34	Average

### WIFI 802.11AC HT20 Band U-NII-3 (Band Edge @ 3m)

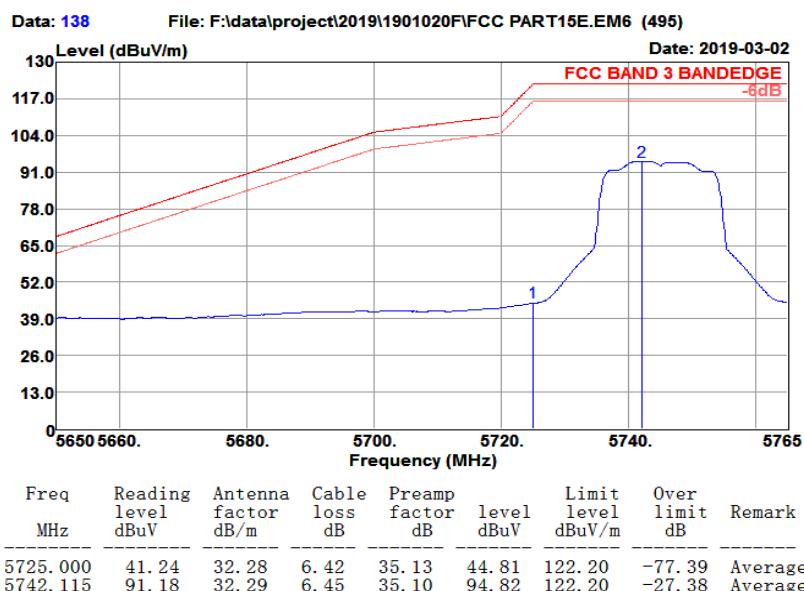
802.11 AC20 5745MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH149(5745MHz)			



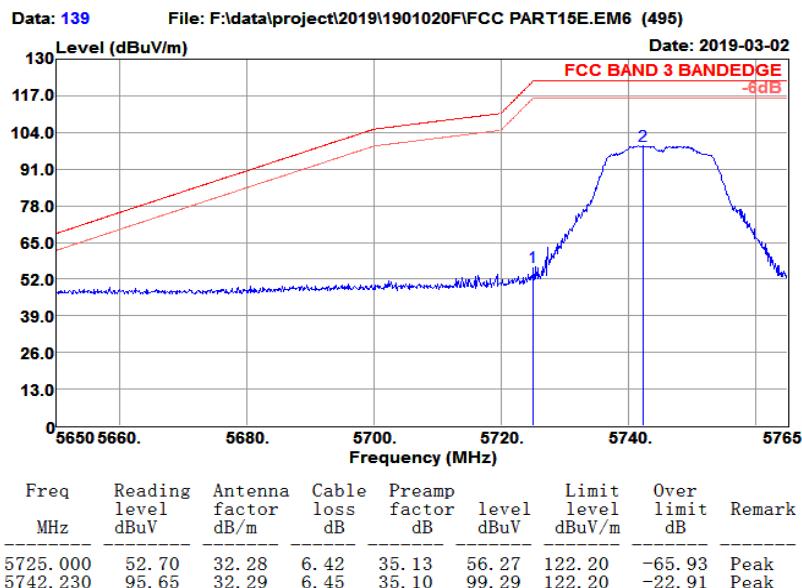
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH149(5745MHz)



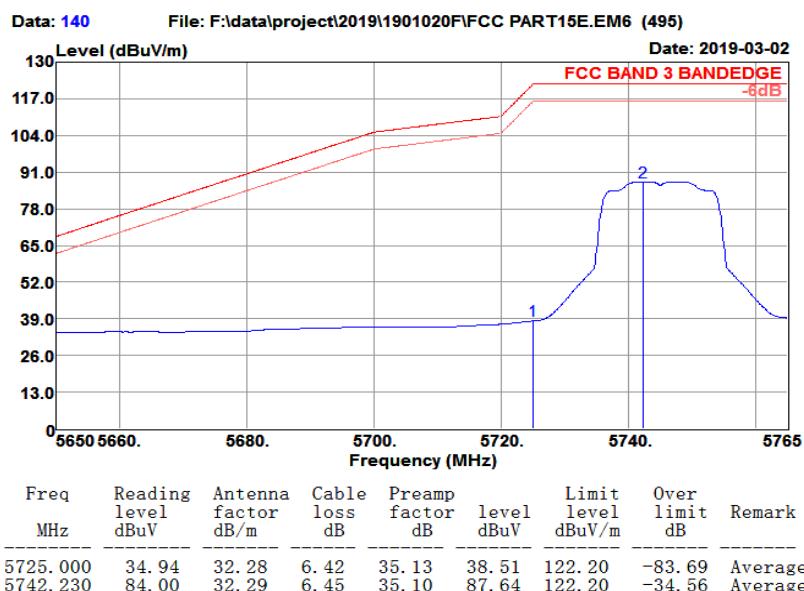
802.11 AC20 5745MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH149(5745MHz)			



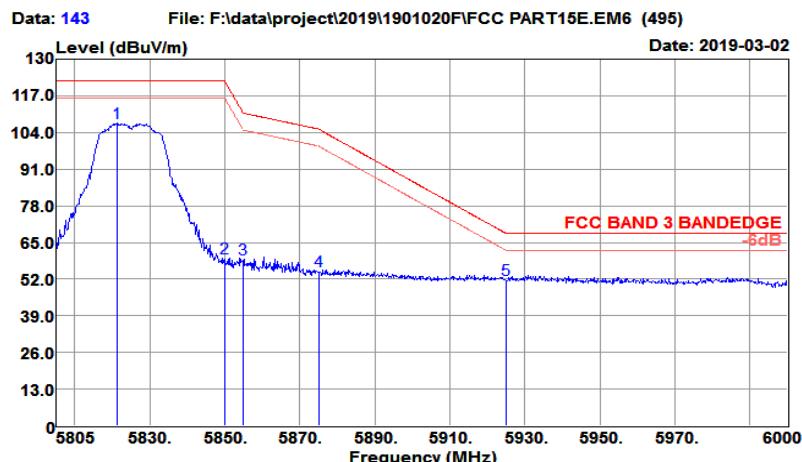
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH149(5745MHz)



802.11 AC20 5825MHz

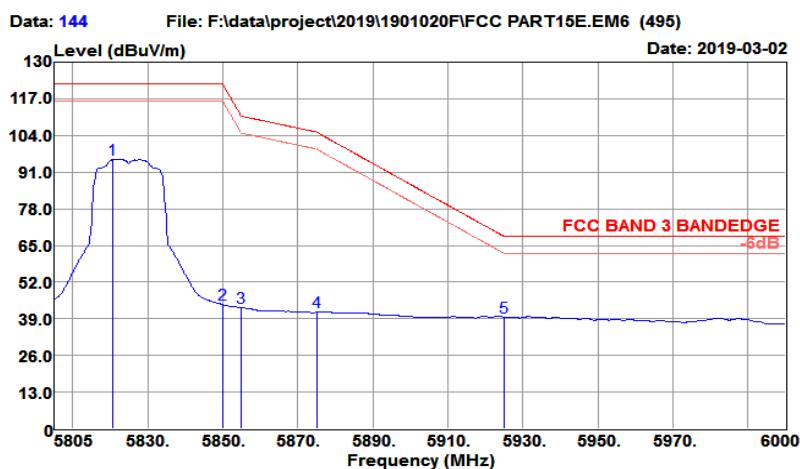
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH165(5825MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV	Over limit dB	Remark
5821.380	103.32	32.36	6.53	34.98	107.23	122.20	-14.97 Peak
5850.000	55.30	32.38	6.53	34.94	59.27	122.20	-62.93 Peak
5855.000	55.08	32.38	6.53	34.93	59.06	110.80	-51.74 Peak
5875.000	50.76	32.40	6.53	34.91	54.78	105.20	-50.42 Peak
5925.000	47.81	32.44	6.52	34.83	51.94	68.20	-16.26 Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH165(5825MHz)

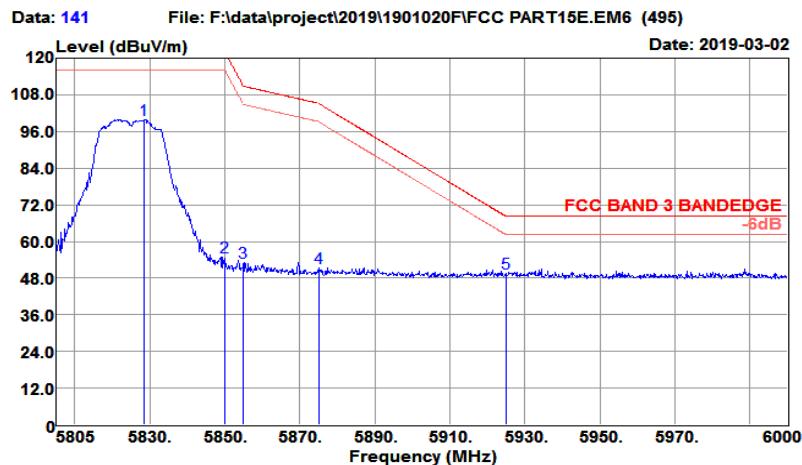


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5820.795	91.69	32.36	6.53	34.99	95.59	122.20	-26.61	Average
5850.000	40.23	32.38	6.53	34.94	44.20	122.20	-78.00	Average
5855.000	39.06	32.38	6.53	34.93	43.04	110.80	-67.76	Average
5875.000	37.30	32.40	6.53	34.91	41.32	105.20	-63.88	Average
5925.000	35.53	32.44	6.52	34.83	39.66	68.20	-28.54	Average

802.11 AC20 5825MHz

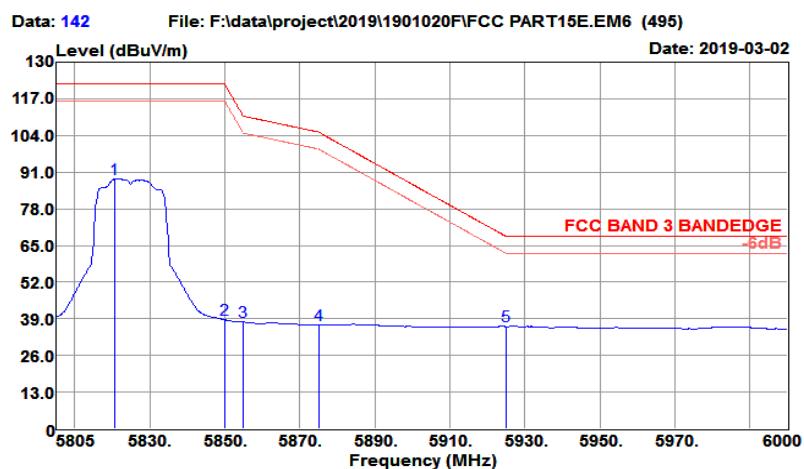
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT20 CH165(5825MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5828.595	95.93	32.36	6.53	34.97	99.85	122.20	-22.35	Peak
5850.000	50.87	32.38	6.53	34.94	54.84	122.20	-67.36	Peak
5855.000	49.12	32.38	6.53	34.93	53.10	110.80	-57.70	Peak
5875.000	47.41	32.40	6.53	34.91	51.43	105.20	-53.77	Peak
5925.000	45.55	32.44	6.52	34.83	49.68	68.20	-18.52	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT20 CH165(5825MHz)



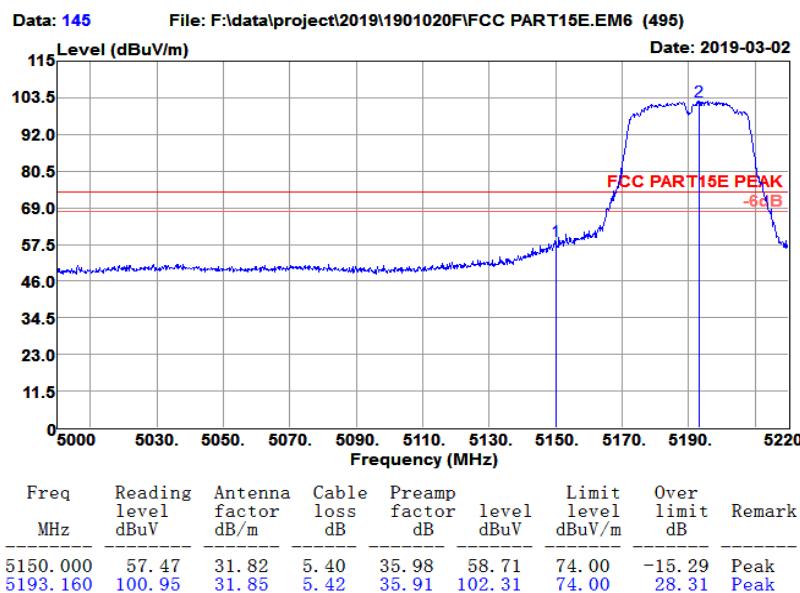
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5820.795	84.68	32.36	6.53	34.99	88.58	122.20	-33.62	Average
5850.000	34.80	32.38	6.53	34.94	38.77	122.20	-83.43	Average
5855.000	33.91	32.38	6.53	34.93	37.89	110.80	-72.91	Average
5875.000	32.85	32.40	6.53	34.91	36.87	105.20	-68.33	Average
5925.000	32.13	32.44	6.52	34.83	36.26	68.20	-31.94	Average

## WIFI 802.11AC VHT40 Band U-NII-1&2A (Band Edge @ 3m)

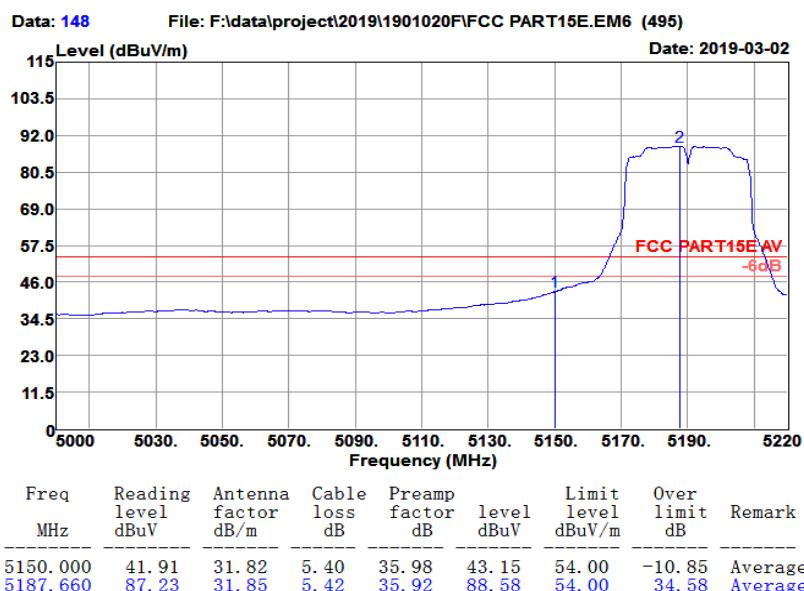
802.11 AC40 5190MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating: AC120V/60Hz		
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH38(5190MHz)			



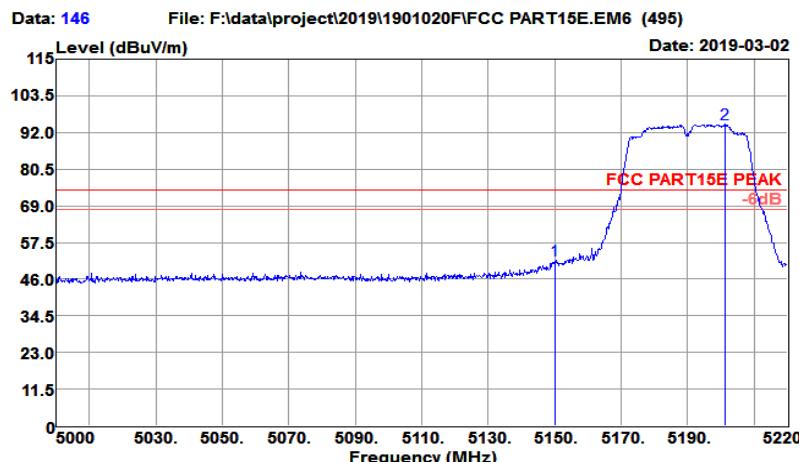
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH38(5190MHz)



802.11 AC40 5190MHz

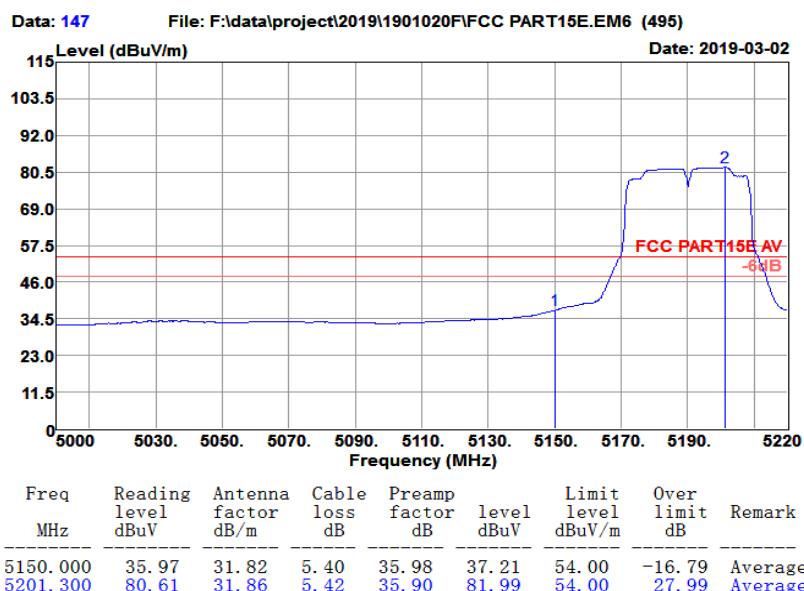
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH38(5190MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	50.72	31.82	5.40	35.98	51.96	74.00	-22.04	Peak
5201.080	93.31	31.86	5.42	35.90	94.69	74.00	20.69	Peak

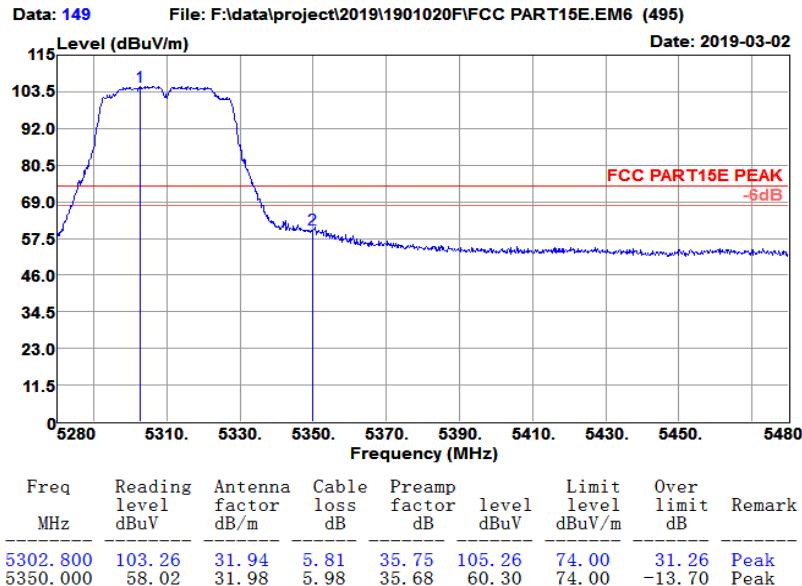
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH38(5190MHz)



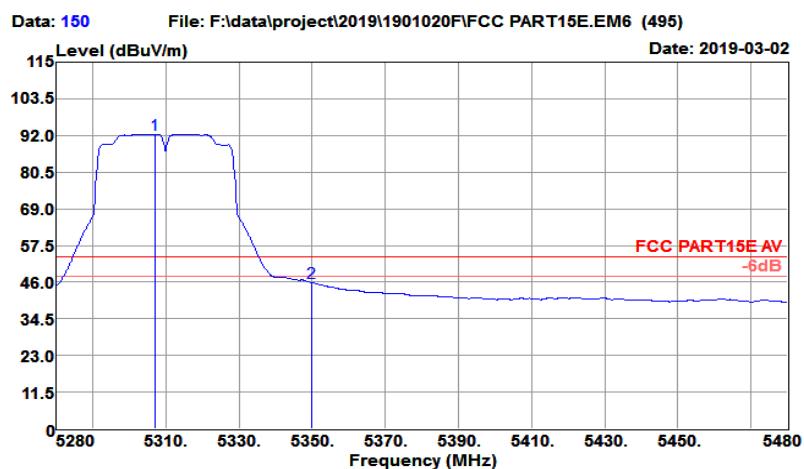
802.11 AC40 5310MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH62(5310MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH62(5310MHz)

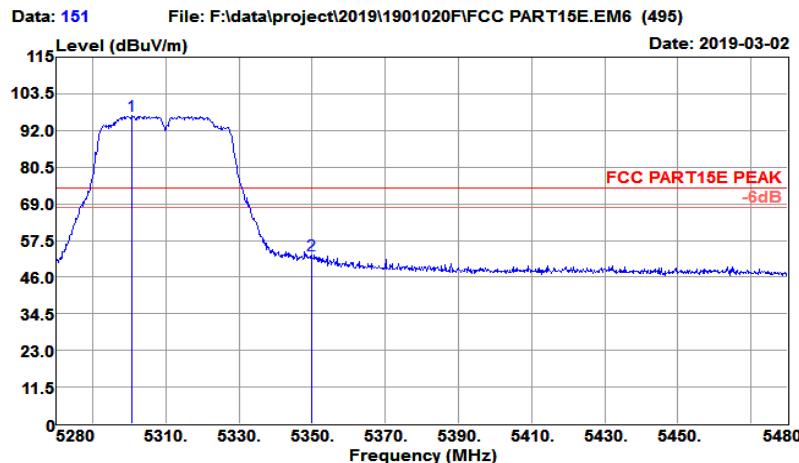


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5307.200	90.41	31.95	5.82	35.75	92.43	54.00	38.43	Average
5350.000	43.70	31.98	5.98	35.68	45.98	54.00	-8.02	Average

802.11 AC40 5310MHz

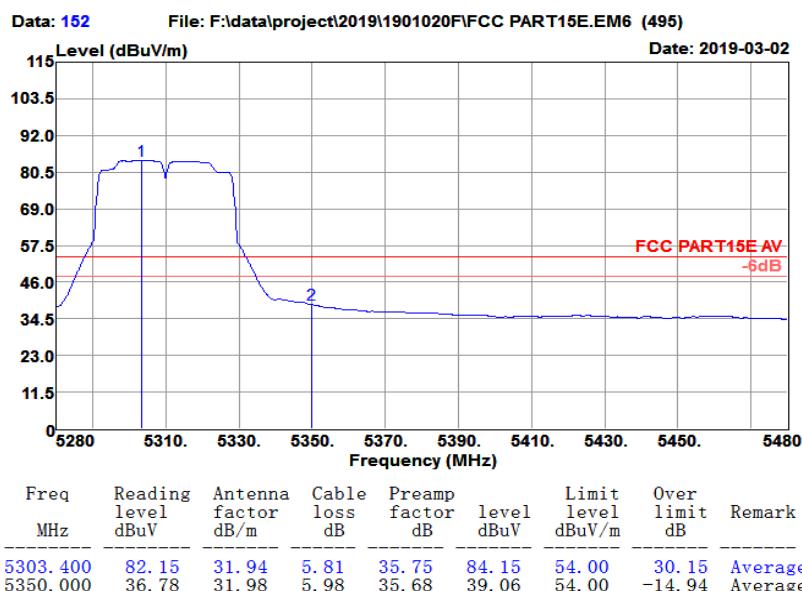
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH62(5310MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
5300.600	94.77	31.94	5.80	35.76	96.75	74.00	22.75	Peak
5350.000	50.50	31.98	5.98	35.68	52.78	74.00	-21.22	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH62(5310MHz)  
-----

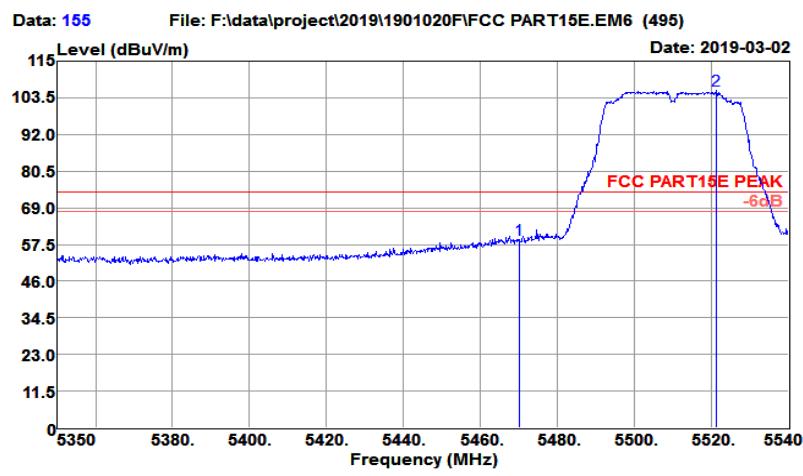


## WIFI 802.11AC VHT40 Band U-NII-2C (Band Edge @ 3m)

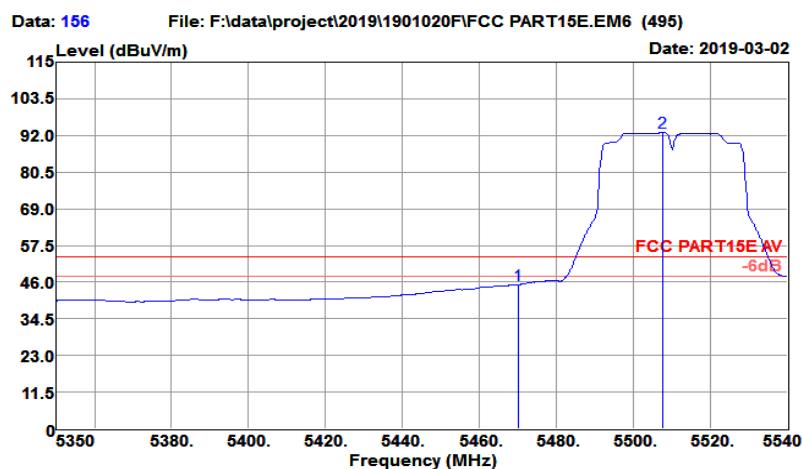
802.11 AC40 5510MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH102(5510MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT40 CH102(5510MHz)

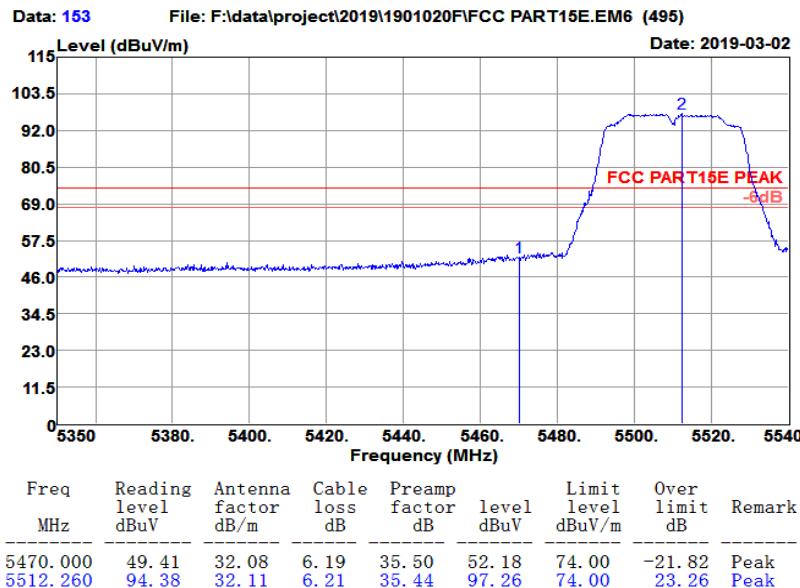


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.48	32.08	6.19	35.50	45.25	54.00	-8.75	Average
5507.510	90.08	32.11	6.21	35.45	92.95	54.00	38.95	Average

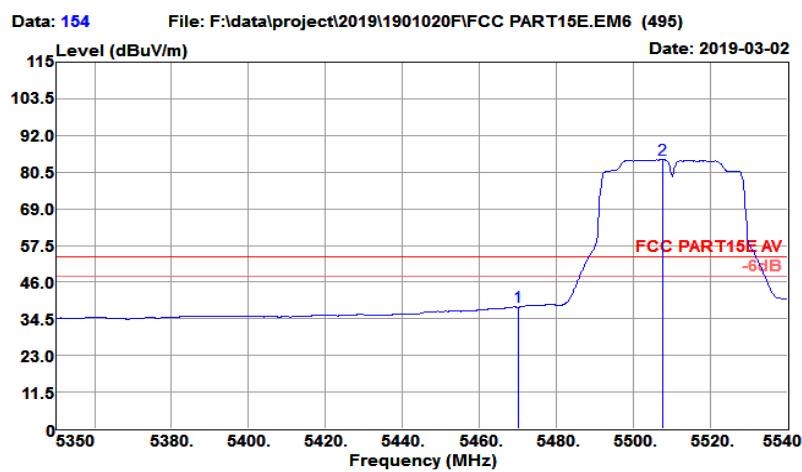
802.11 AC40 5510MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH102(5510MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH102(5510MHz)

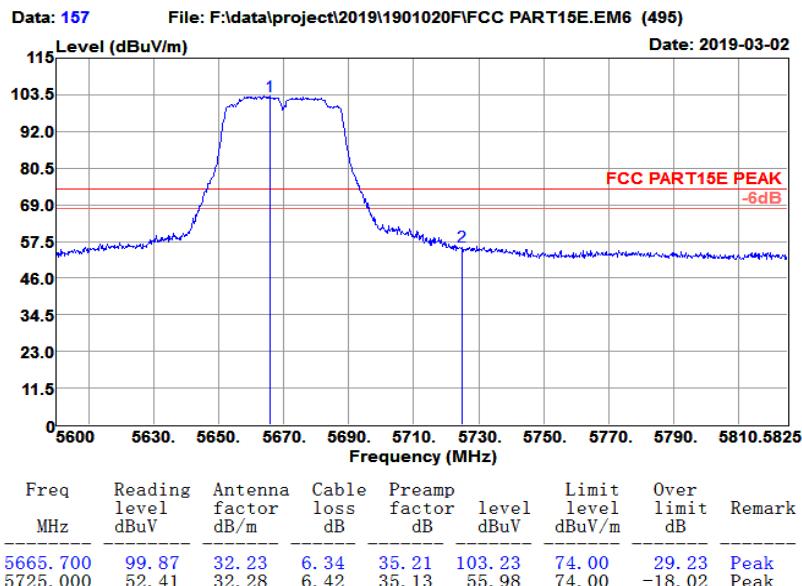


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	35.41	32.08	6.19	35.50	38.18	54.00	-15.82	Average
5507.510	81.61	32.11	6.21	35.45	84.48	54.00	30.48	Average

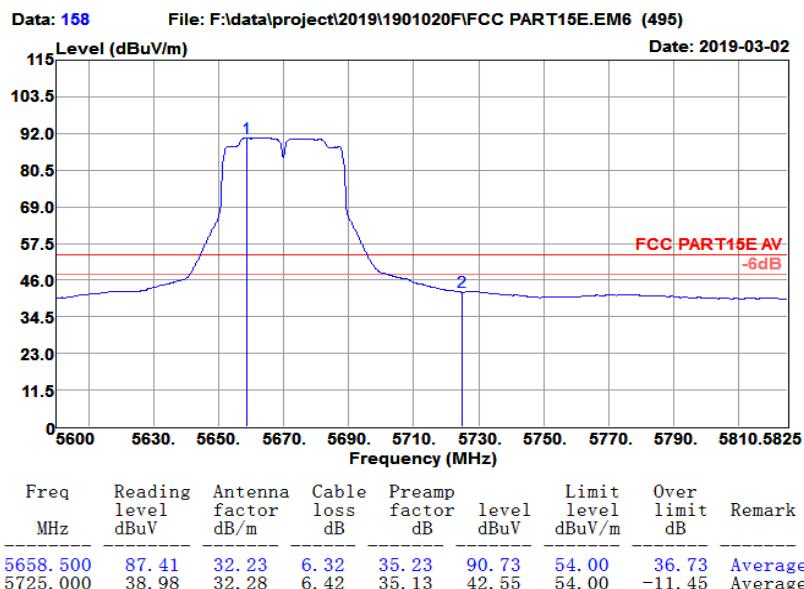
802.11 AC40 5670MHz

Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH134(5670MHz)			



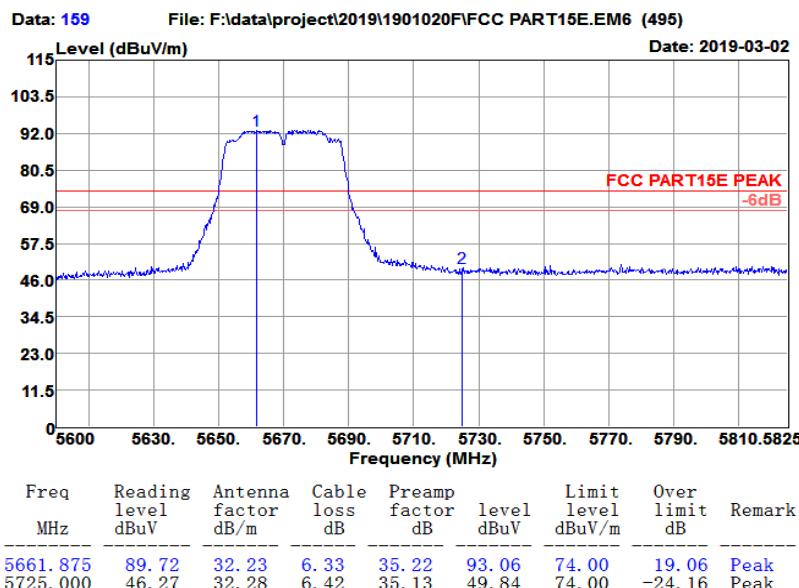
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH134(5670MHz)



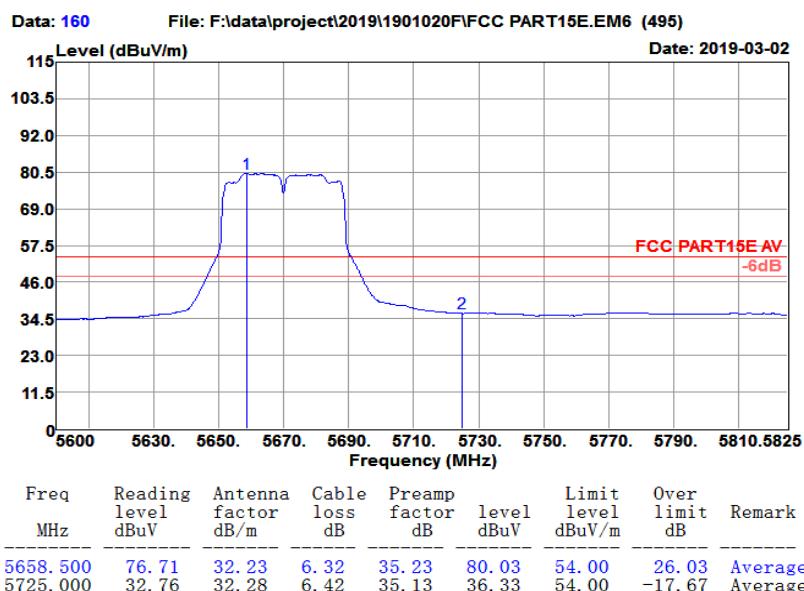
802.11 AC40 5670MHz

Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH134(5670MHz)			



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT40 CH134(5670MHz)

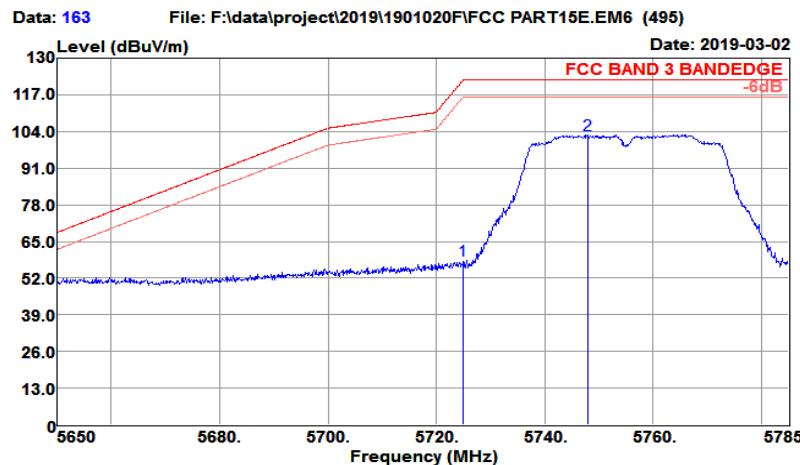


## WIFI 802.11AC VHT40 Band U-NII-3 (Band Edge @ 3m)

802.11 AC40 5755MHz

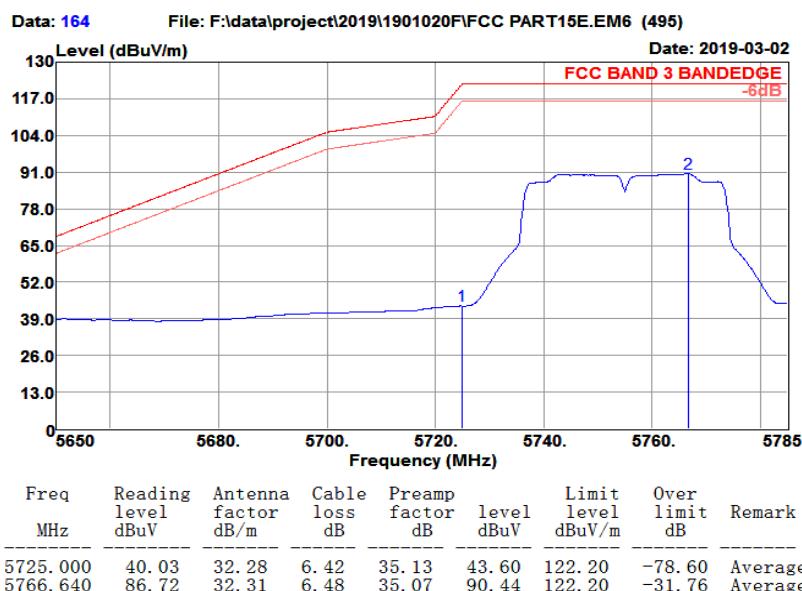
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH151(5755MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	54.58	32.28	6.42	35.13	58.15	122.20	-64.05	Peak
5747.875	99.12	32.30	6.45	35.09	102.78	122.20	-19.42	Peak

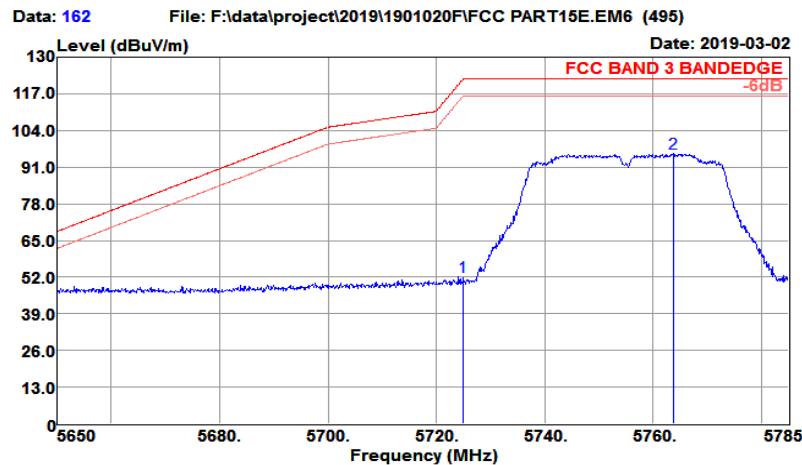
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT40 CH151(5755MHz)



802.11 AC40 5755MHz

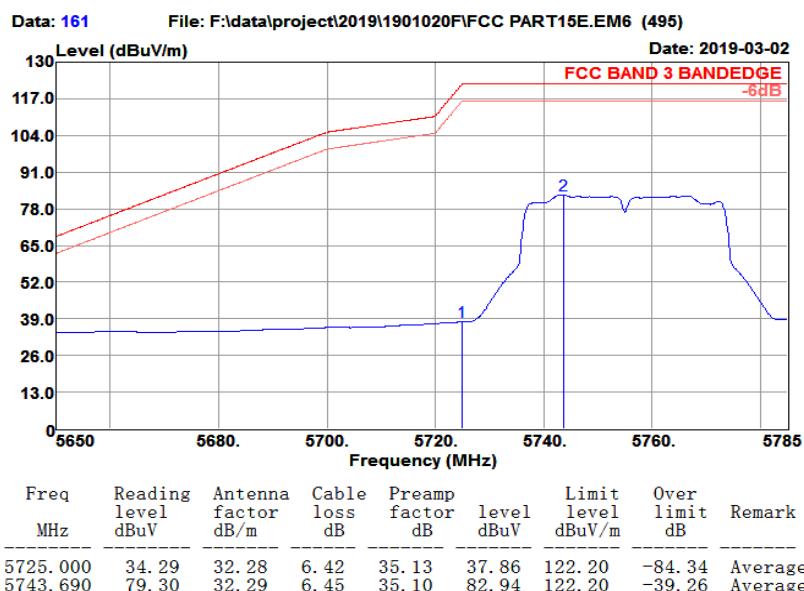
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH151(5755MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	48.44	32.28	6.42	35.13	52.01	122.20	-70.19	Peak
5763.805	92.01	32.31	6.48	35.07	95.73	122.20	-26.47	Peak

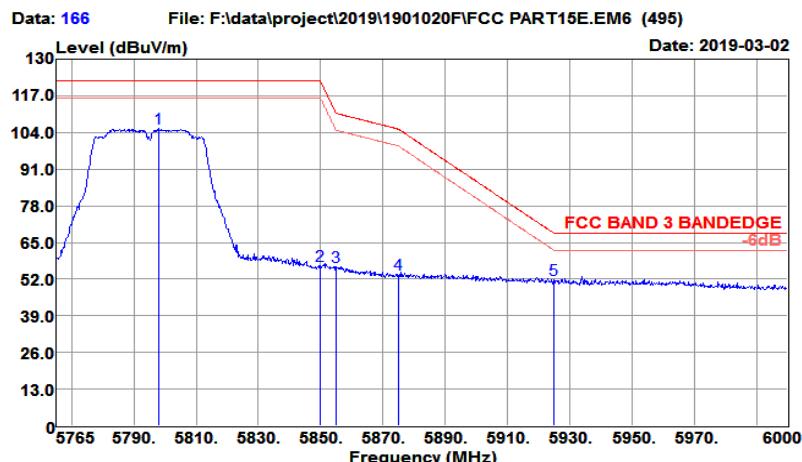
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT40 CH151(5755MHz)



802.11 AC40 5795MHz

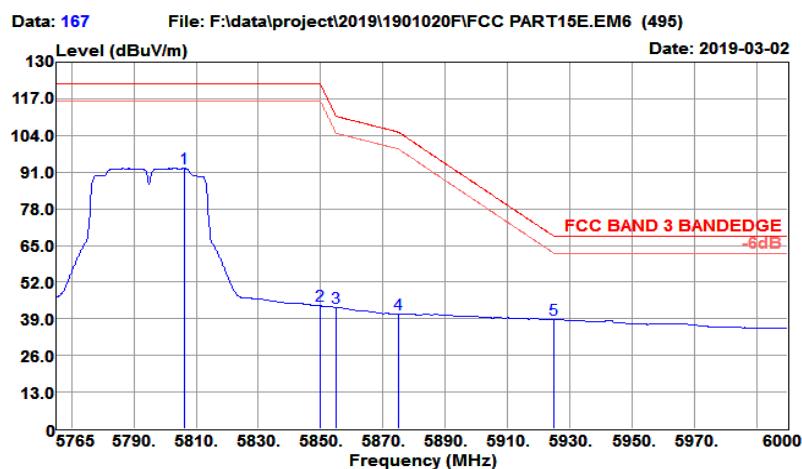
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH159(5795MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV	Over limit dB	Remark
5797.900	101.52	32.34	6.53	35.02	105.37	122.20	-16.83 Peak
5850.000	52.69	32.38	6.53	34.94	56.66	122.20	-65.54 Peak
5855.000	52.41	32.38	6.53	34.93	56.39	110.80	-54.41 Peak
5875.000	49.72	32.40	6.53	34.91	53.74	105.20	-51.46 Peak
5925.000	47.64	32.44	6.52	34.83	51.77	68.20	-16.43 Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT40 CH159(5795MHz)

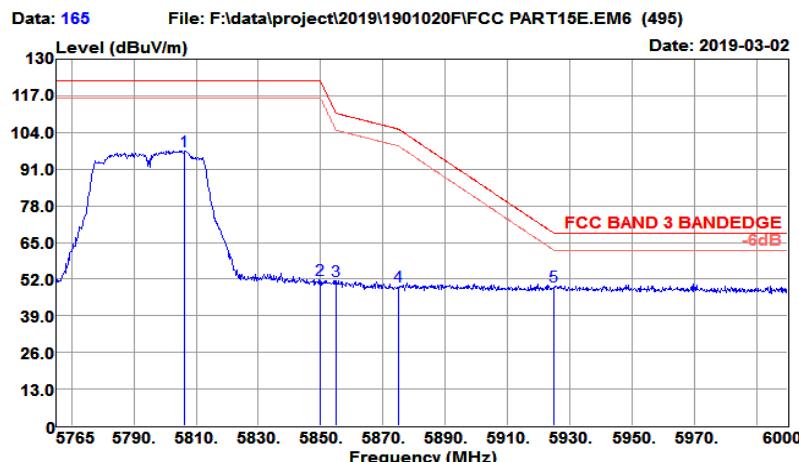


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5806.360	88.46	32.35	6.53	35.01	92.33	122.20	-29.87	Average
5850.000	39.66	32.38	6.53	34.94	43.63	122.20	-78.57	Average
5855.000	39.14	32.38	6.53	34.93	43.12	110.80	-67.68	Average
5875.000	36.65	32.40	6.53	34.91	40.67	105.20	-64.53	Average
5925.000	34.60	32.44	6.52	34.83	38.73	68.20	-29.47	Average

802.11 AC40 5795MHz

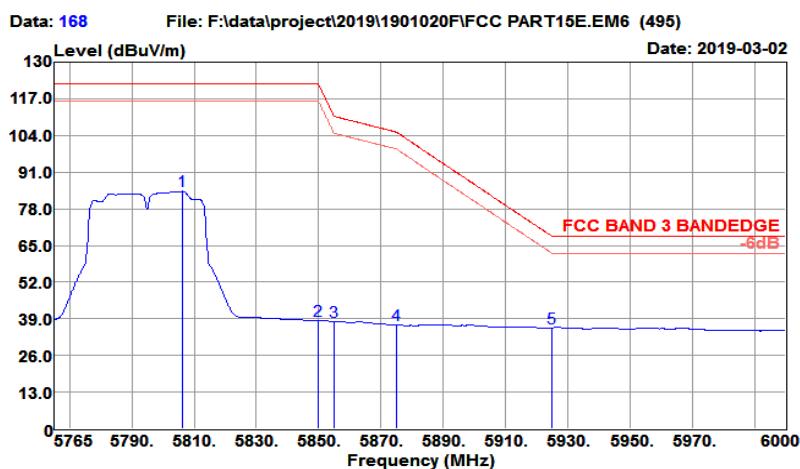
Veritcal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT40 CH159(5795MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV	Over limit dB	Remark
5806.360	93.73	32.35	6.53	35.01	97.60	122.20	-24.60 Peak
5850.000	47.67	32.38	6.53	34.94	51.64	122.20	-70.56 Peak
5855.000	47.48	32.38	6.53	34.93	51.46	110.80	-59.34 Peak
5875.000	45.46	32.40	6.53	34.91	49.48	105.20	-55.72 Peak
5925.000	45.40	32.44	6.52	34.83	49.53	68.20	-18.67 Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT40 CH159(5795MHz)



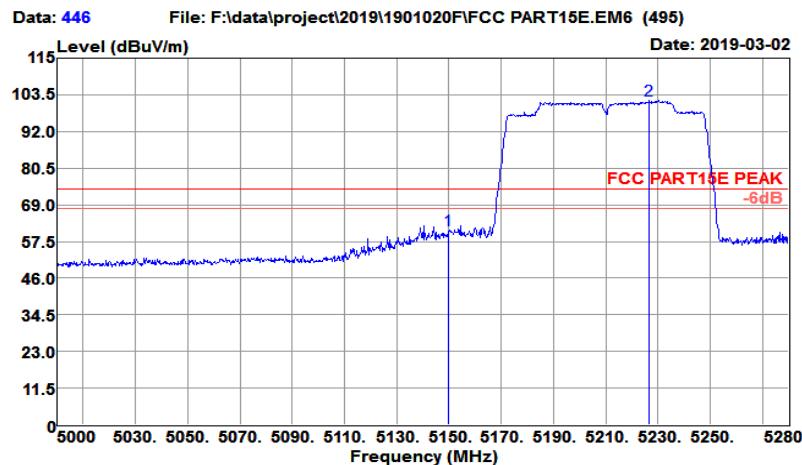
Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5806.125	80.34	32.34	6.53	35.01	84.20	122.20	-38.00	Average
5850.000	34.44	32.38	6.53	34.94	38.41	122.20	-83.79	Average
5855.000	34.15	32.38	6.53	34.93	38.13	110.80	-72.67	Average
5875.000	32.88	32.40	6.53	34.91	36.90	105.20	-68.30	Average
5925.000	31.74	32.44	6.52	34.83	35.87	68.20	-32.33	Average

## WIFI 802.11AC VHT80 Band U-NII-1&2A (Band Edge @ 3m)

802.11 AC80 5210MHz

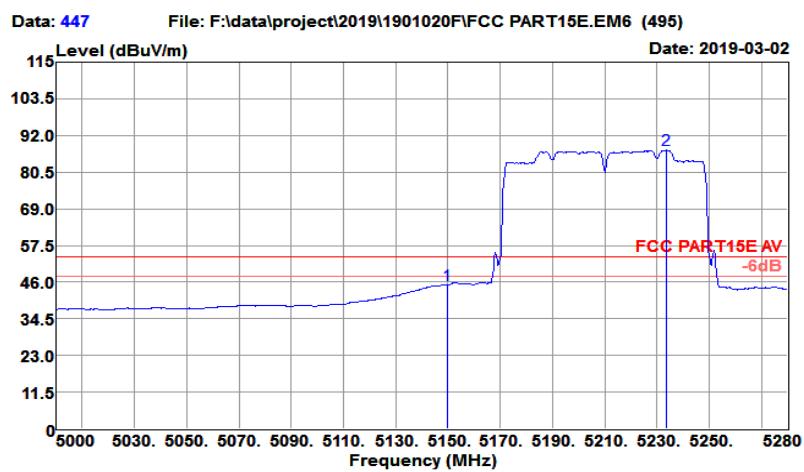
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH42(5210MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	59.90	31.82	5.40	35.98	61.14	74.00	-12.86	Peak
5226.800	100.29	31.88	5.52	35.86	101.83	74.00	27.83	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT80 CH42(5210MHz)

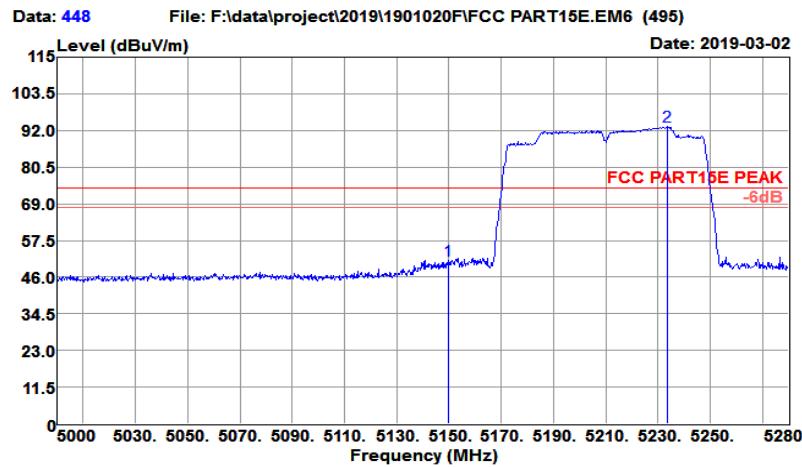


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	44.02	31.82	5.40	35.98	45.26	54.00	-8.74	Average
5233.520	85.84	31.89	5.55	35.85	87.43	54.00	33.43	Average

802.11 AC80 5210MHz

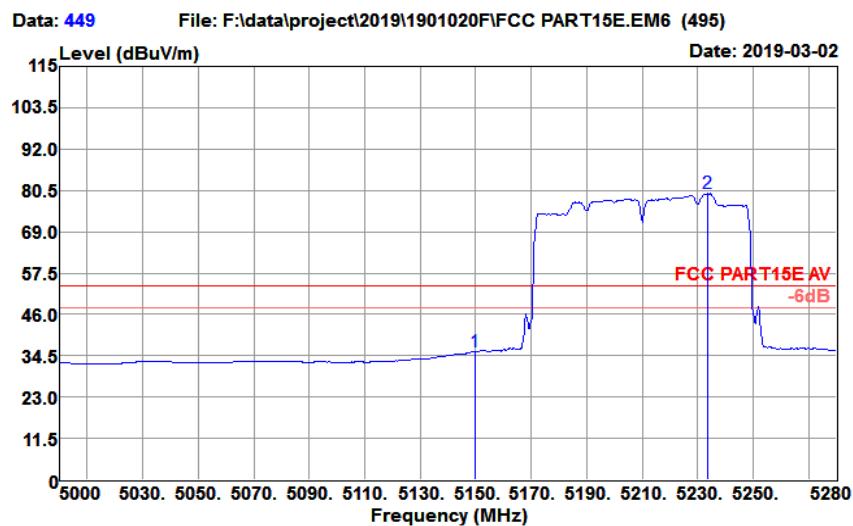
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT80 CH42(5210MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	49.91	31.82	5.40	35.98	51.15	74.00	-22.85	Peak
5233.520	91.57	31.89	5.55	35.85	93.16	74.00	19.16	Peak

Test Site : 3m Chamber Temp/Humi : 19°C /63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT80 CH42(5210MHz)

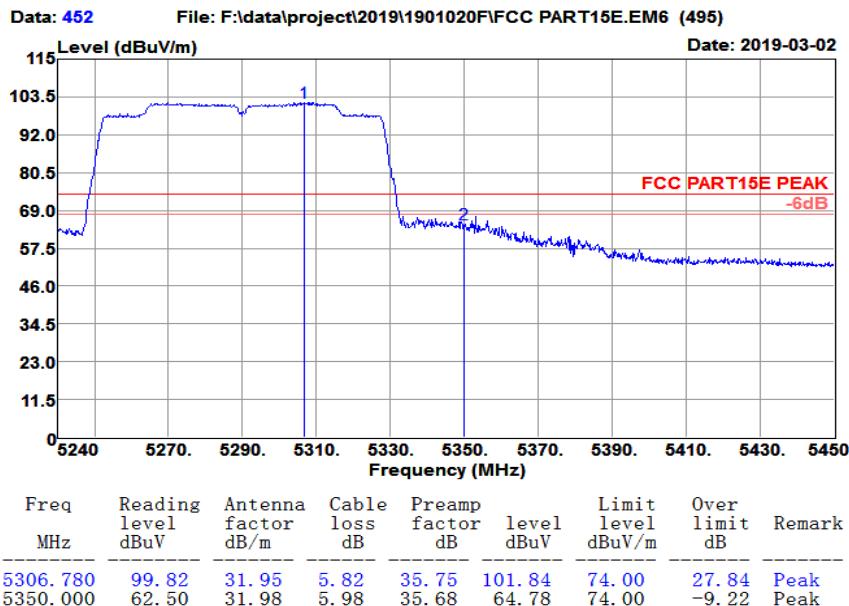


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5150.000	34.46	31.82	5.40	35.98	35.70	54.00	-18.30	Average
5233.520	78.02	31.89	5.55	35.85	79.61	54.00	25.61	Average

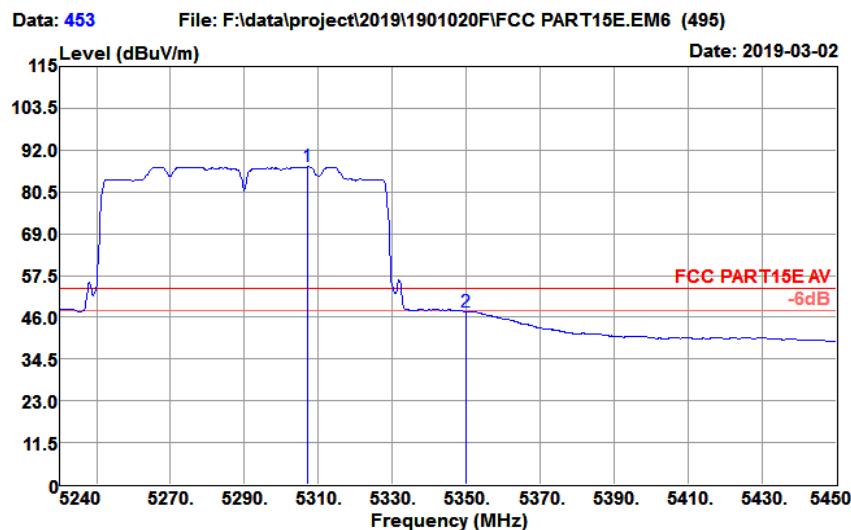
802.11 AC80 5290MHz

Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH58(5290MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C /63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT80 CH58(5290MHz)  
-----

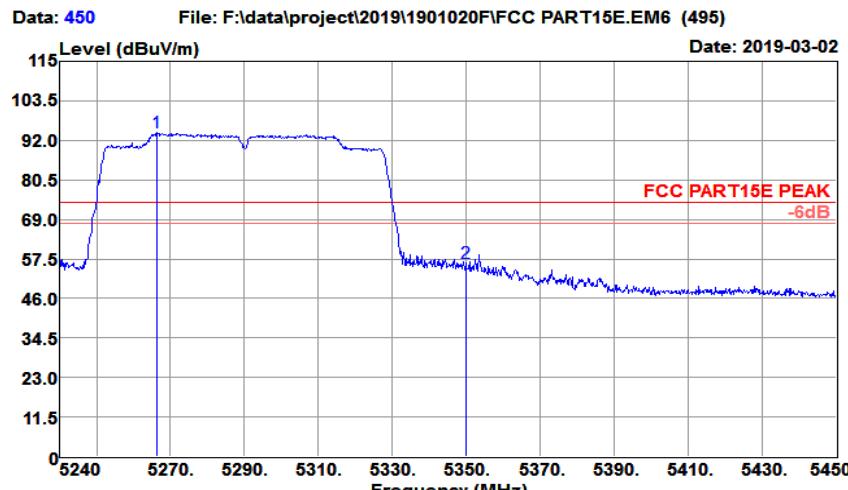


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5307.200	85.39	31.95	5.82	35.75	87.41	54.00	33.41	Average
5350.000	45.31	31.98	5.98	35.68	47.59	54.00	-6.41	Average

802.11 AC80 5290MHz

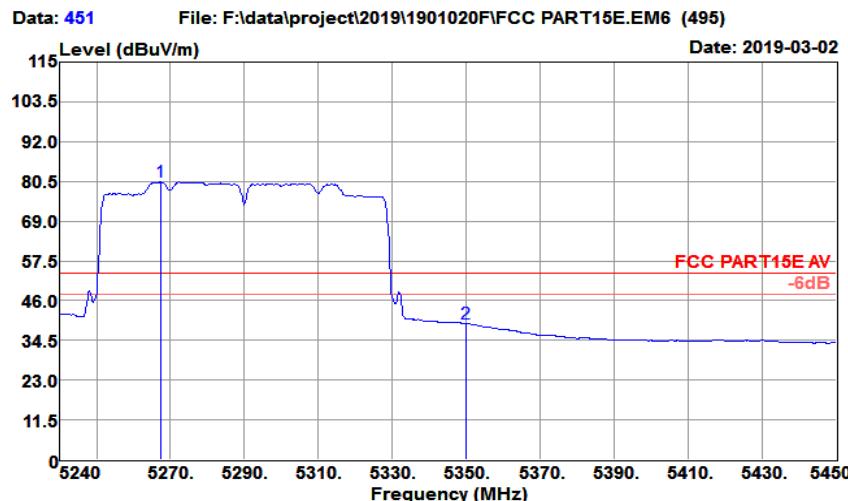
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH58(5290MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5266.460	92.40	31.91	5.67	35.81	94.17	74.00	20.17	Peak
5350.000	54.17	31.98	5.98	35.68	56.45	74.00	-17.55	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH58(5290MHz)		



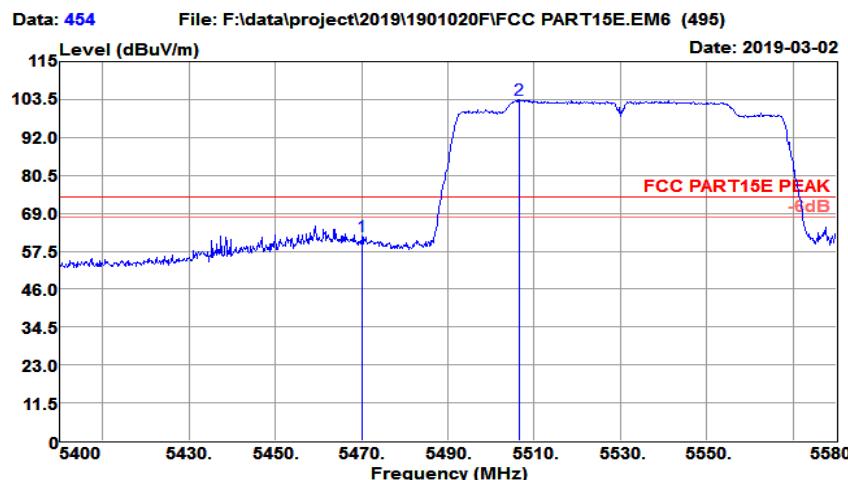
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5267.300	78.52	31.91	5.67	35.80	80.30	54.00	26.30	Average
5350.000	37.22	31.98	5.98	35.68	39.50	54.00	-14.50	Average

## WIFI 802.11n VHT80 Band U-NII-2C (Band Edge @ 3m)

802.11 AC80 5530MHz

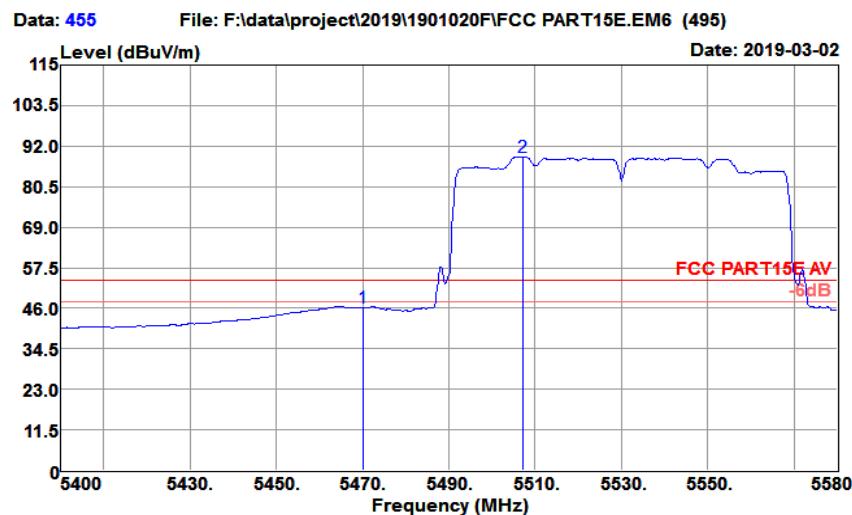
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C / 63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11ac VHT80 CH106(5530MHz)			



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	59.29	32.08	6.19	35.50	62.06	74.00	-11.94	Peak
5506.560	100.73	32.11	6.21	35.45	103.60	74.00	29.60	Peak

Test Site : 3m Chamber Temp/Humi : 19°C /63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT80 CH106(5530MHz)  
-----

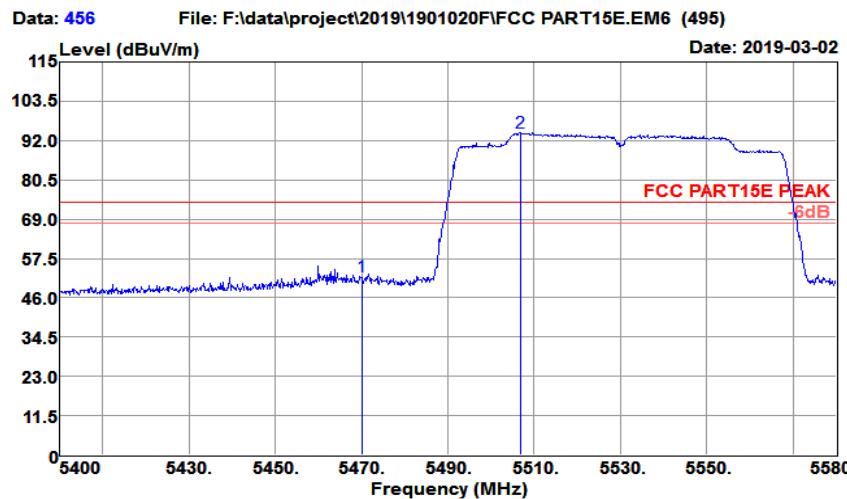


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	43.33	32.08	6.19	35.50	46.10	54.00	-7.90	Average
5507.280	86.19	32.11	6.21	35.45	89.06	54.00	35.06	Average

802.11 AC80 5530MHz

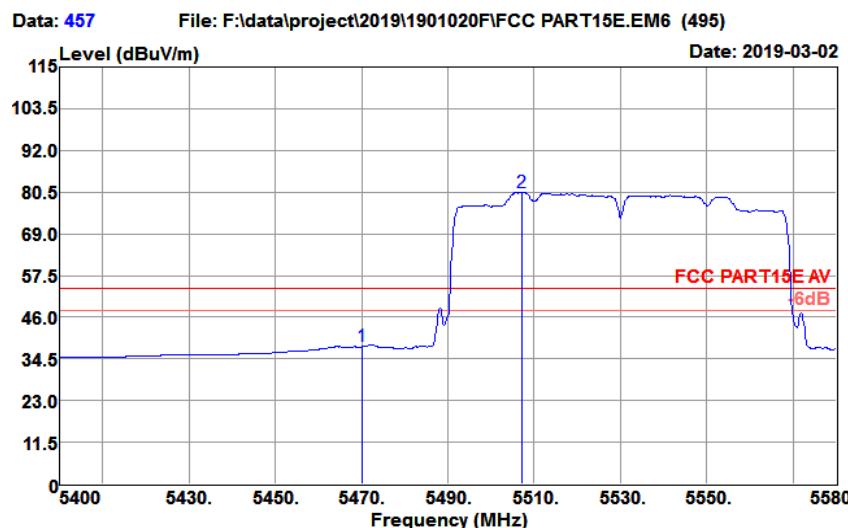
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH106(5530MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	49.32	32.08	6.19	35.50	52.09	74.00	-21.91	Peak
5506.920	91.34	32.11	6.21	35.45	94.21	74.00	20.21	Peak

Test Site : 3m Chamber Temp/Humi : 19°C /63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11ac VHT80 CH106(5530MHz)



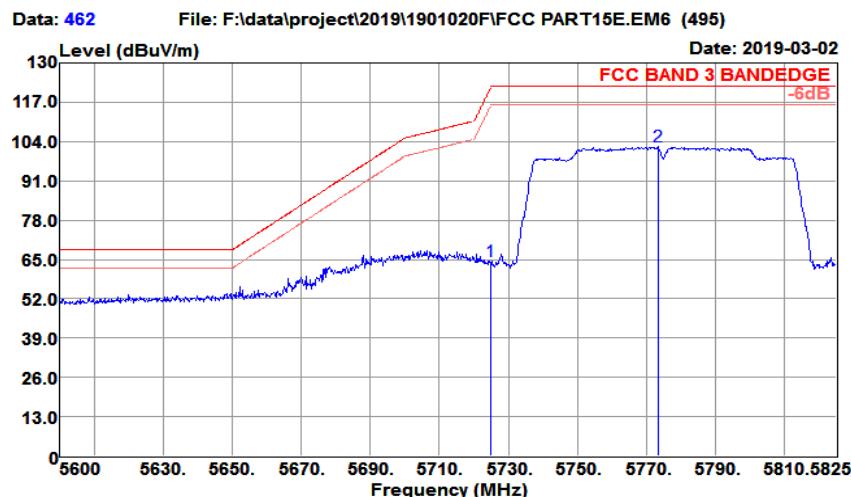
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5470.000	35.11	32.08	6.19	35.50	37.88	54.00	-16.12	Average
5507.280	77.61	32.11	6.21	35.45	80.48	54.00	26.48	Average

## WIFI 802.11n VHT80 Band U-NII-3 (Band Edge @ 3m)

802.11 AC80 5775MHz

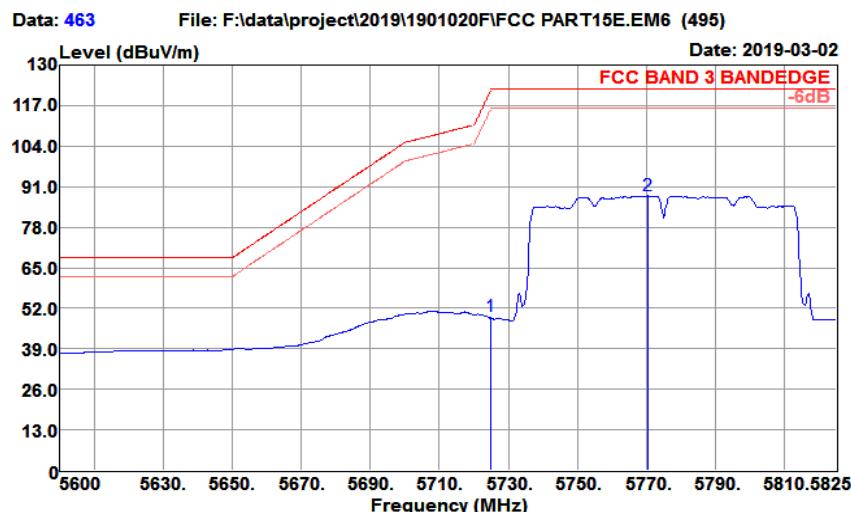
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		



Freq MHz	Reading level dB <sub>B</sub> V	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dB <sub>B</sub> V	Limit level dB <sub>B</sub> V/m	Over limit dB	Remark
5725.000	61.02	32.28	6.42	35.13	64.59	122.20	-57.61	Peak
5773.250	98.65	32.32	6.49	35.06	102.40	122.20	-19.80	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C /63%
Tested by	: Damon	Power rating: AC120V/60Hz	
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

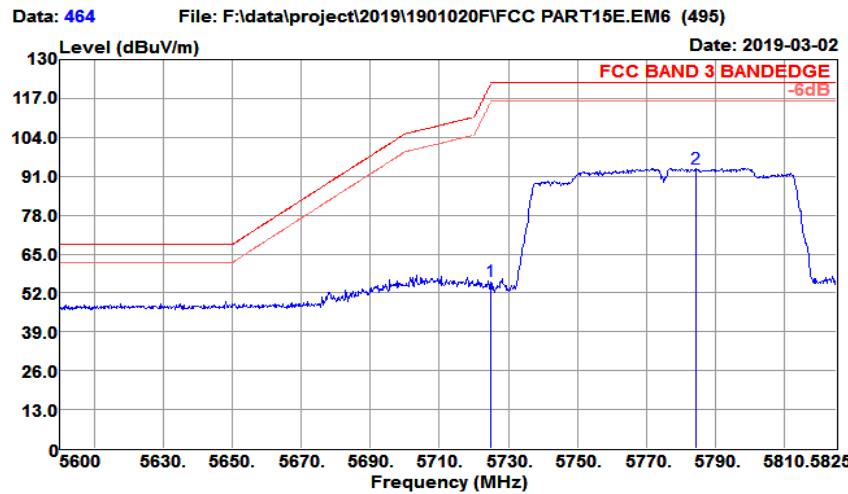


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	45.88	32.28	6.42	35.13	49.45	122.20	-72.75	Average
5770.325	84.30	32.32	6.49	35.06	88.05	122.20	-34.15	Average

802.11 AC80 5775MHz

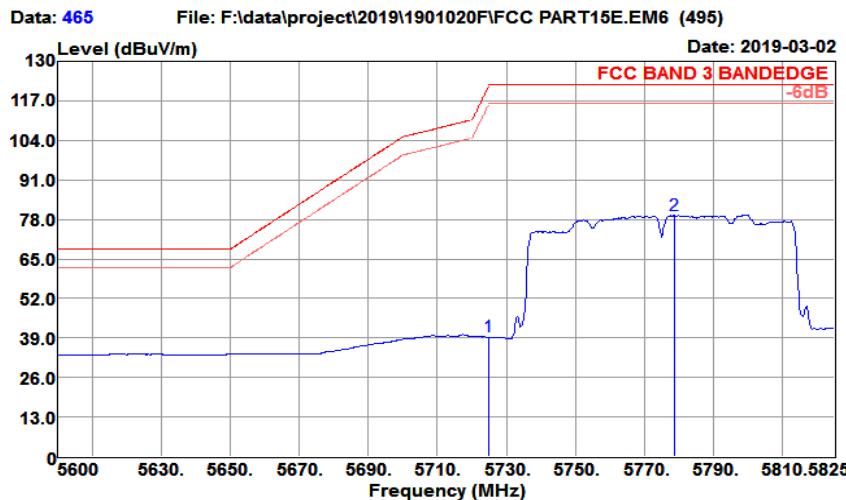
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C / 63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5725.000	52.48	32.28	6.42	35.13	56.05	122.20	-66.15	Peak
5784.500	89.80	32.33	6.51	35.04	93.60	122.20	-28.60	Peak

Test Site : 3m Chamber Temp/Humi : 19°C /63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11ac VHT80 CH155(5775MHz)



Freq MHz	Reading level dB <sub>BuV</sub>	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dB <sub>BuV</sub>	Limit level dB <sub>BuV/m</sub>	Over limit dB	Remark
5725.000	35.79	32.28	6.42	35.13	39.36	122.20	-82.84	Average
5778.650	75.60	32.32	6.50	35.05	79.37	122.20	-42.83	Average

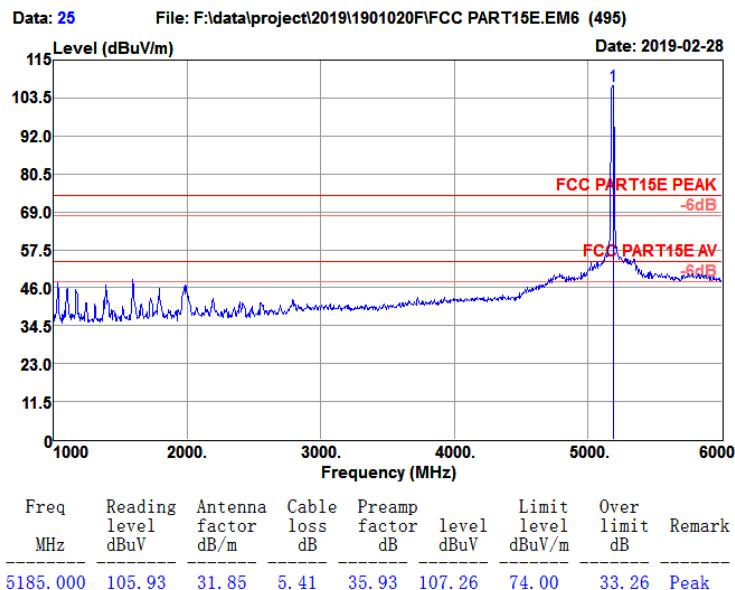
#### 4.4.5 Test Result of Radiated Spurious Emission (1GHz ~ 10<sup>th</sup> Harmonic)

##### WIFI 802.11a Band U-NII-1&2A (Harmonic @ 3m)

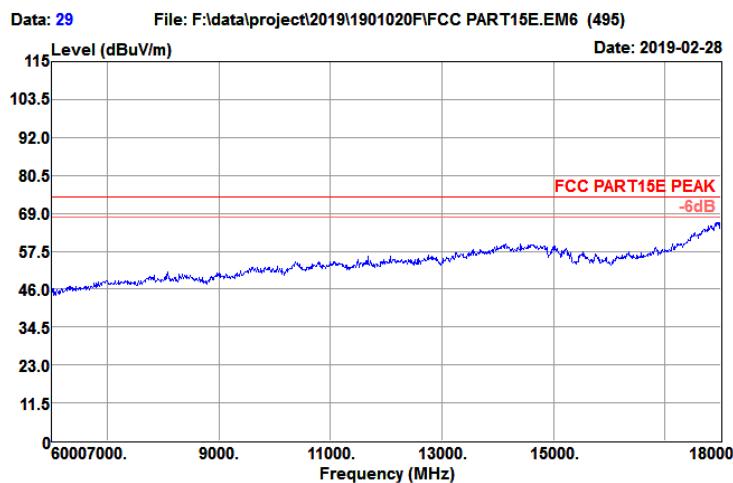
802.11A 5180MHz

Horizontal:

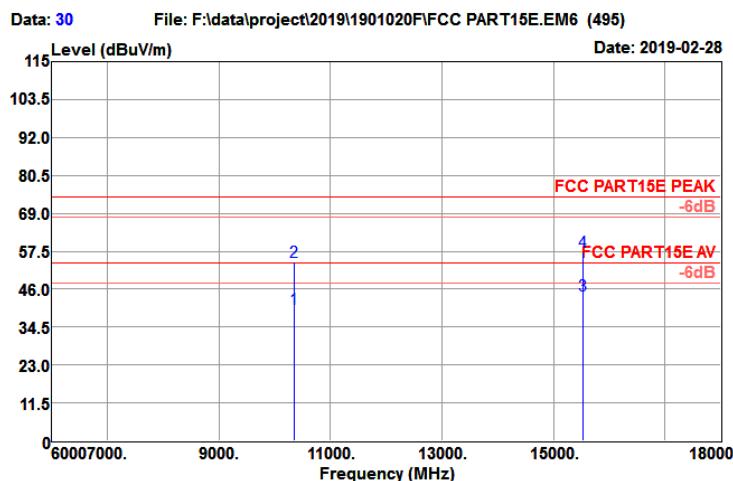
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		

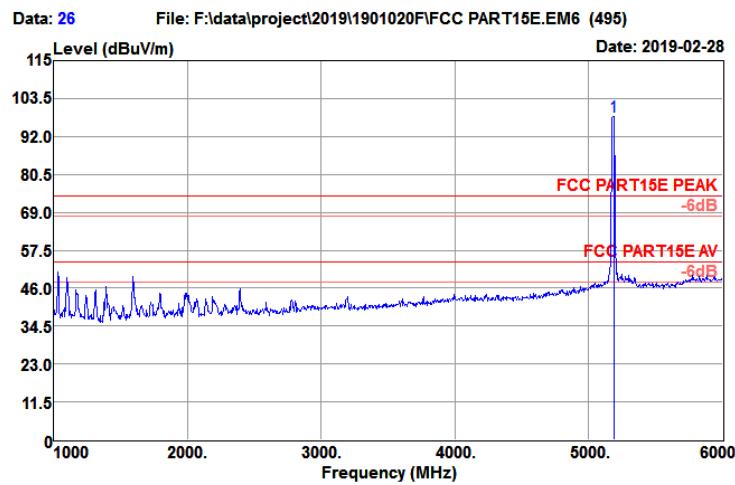


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10360.000	26.89	39.15	8.10	33.99	40.15	54.00	-13.85	Average
10360.000	40.94	39.15	8.10	33.99	54.20	74.00	-19.80	Peak
15540.000	26.95	39.03	9.68	31.62	44.04	54.00	-9.96	Average
15540.000	40.12	39.03	9.68	31.62	57.21	74.00	-16.79	Peak

802.11A 5180MHz

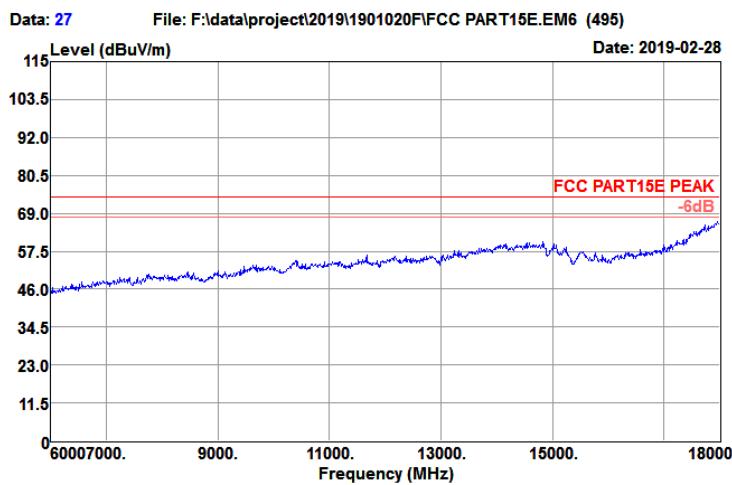
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		

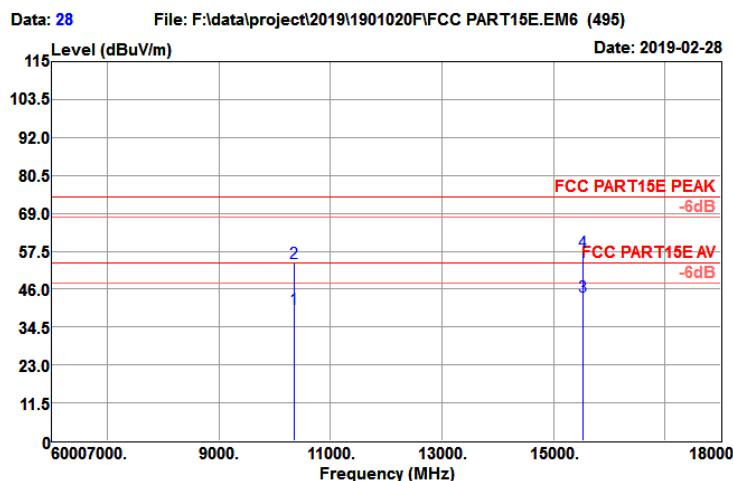


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5185.000	96.79	31.85	5.41	35.93	98.12	74.00	24.12	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH36(5180MHz)		

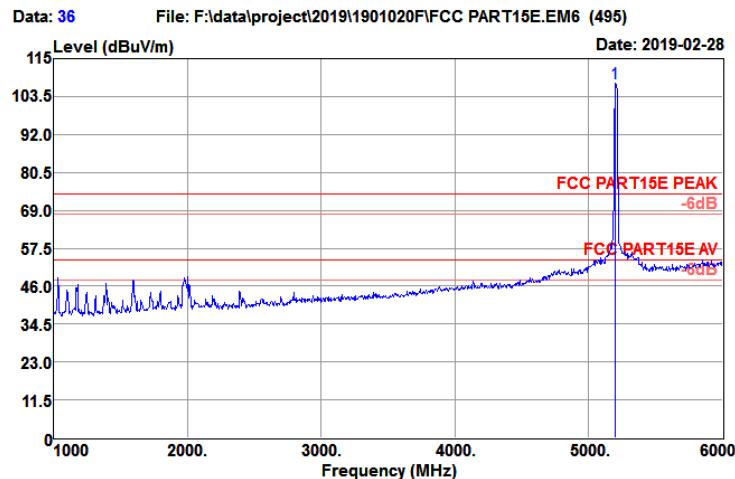


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10360.000	26.78	39.15	8.10	33.99	40.04	54.00	-13.96	Average
10360.000	40.66	39.15	8.10	33.99	53.92	74.00	-20.08	Peak
15540.000	26.73	39.03	9.68	31.62	43.82	54.00	-10.18	Average
15540.000	40.31	39.03	9.68	31.62	57.40	74.00	-16.60	Peak

802.11A 5200MHz

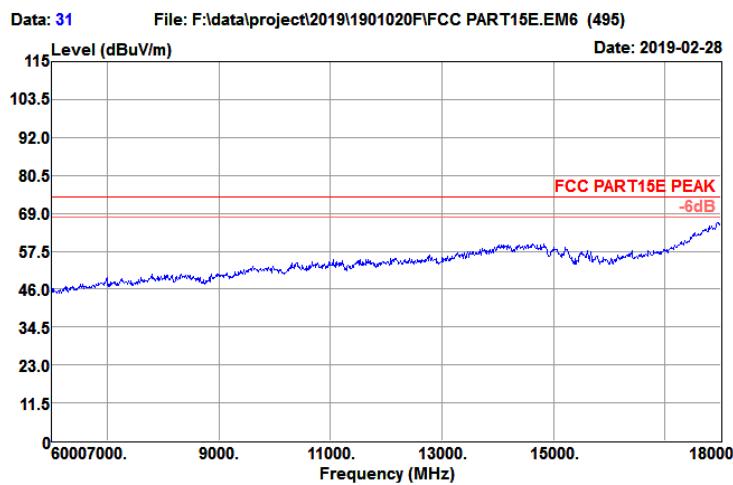
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH40(5200MHz)		

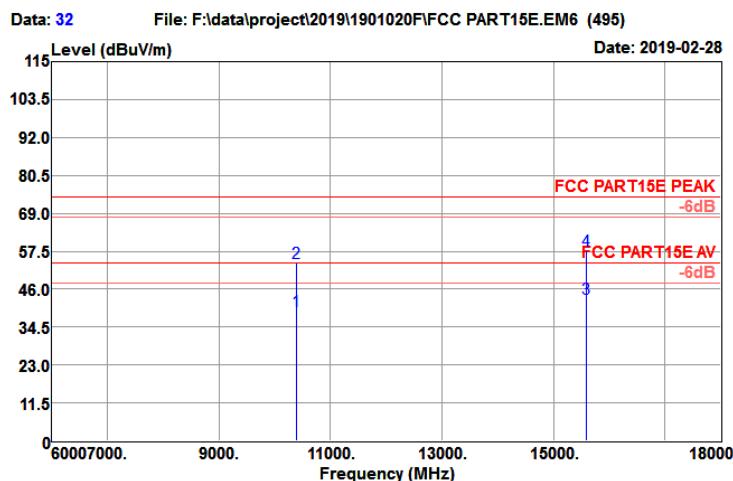


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5195.000	106.27	31.86	5.42	35.91	107.64	74.00	33.64	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH40(5200MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH40(5200MHz)		

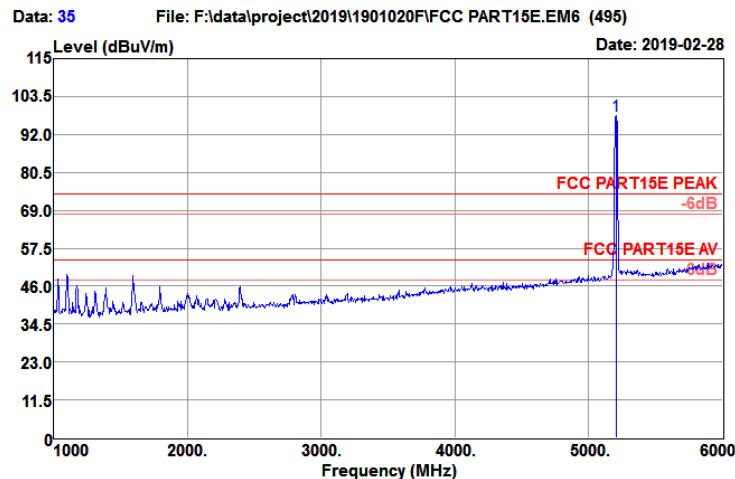


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10400.000	25.98	39.22	8.10	33.95	39.35	54.00	-14.65	Average
10400.000	40.61	39.22	8.10	33.95	53.98	74.00	-20.02	Peak
15600.000	26.09	38.84	9.66	31.59	43.00	54.00	-11.00	Average
15600.000	40.73	38.84	9.66	31.59	57.64	74.00	-16.36	Peak

802.11A 5200MHz

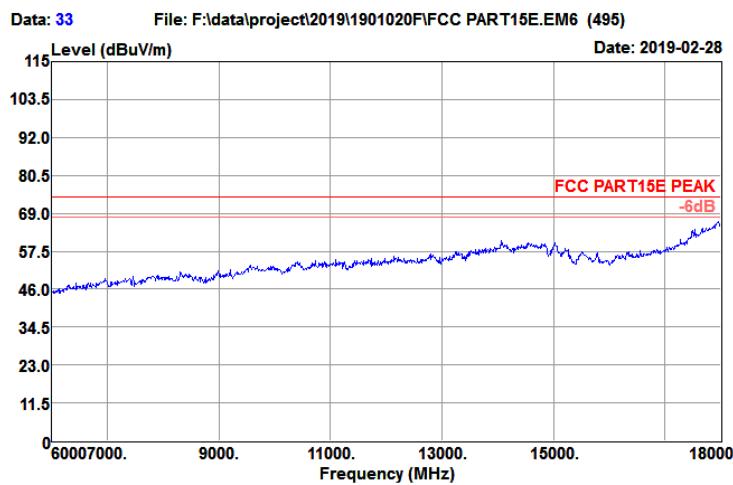
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH40(5200MHz)		

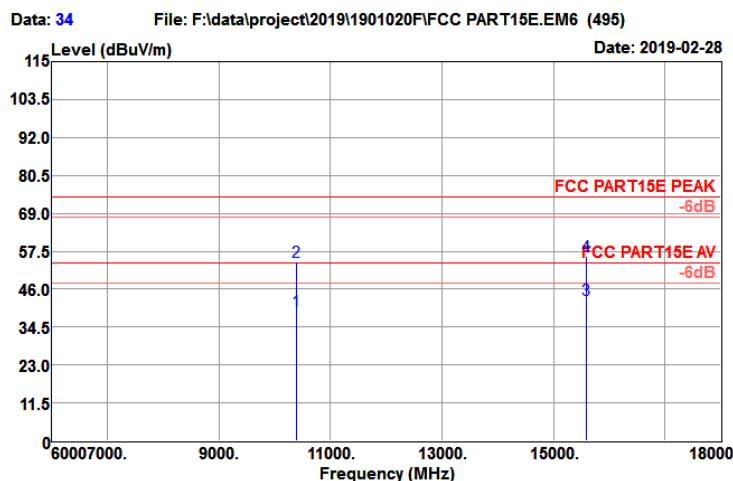


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5205.000	96.18	31.86	5.44	35.90	97.58	74.00	23.58	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH40(5200MHz)  
-----



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH40(5200MHz)		

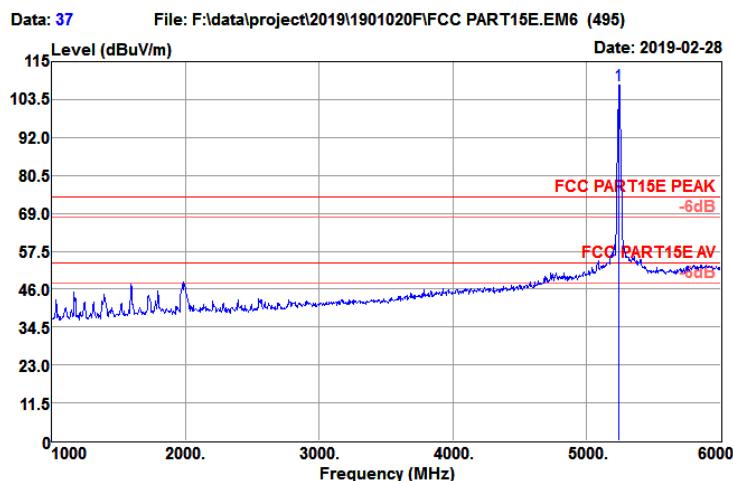


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10400.000	26.12	39.22	8.10	33.95	39.49	54.00	-14.51	Average
10400.000	40.89	39.22	8.10	33.95	54.26	74.00	-19.74	Peak
15600.000	25.89	38.84	9.66	31.59	42.80	54.00	-11.20	Average
15600.000	39.04	38.84	9.66	31.59	55.95	74.00	-18.05	Peak

802.11A 5240MHz

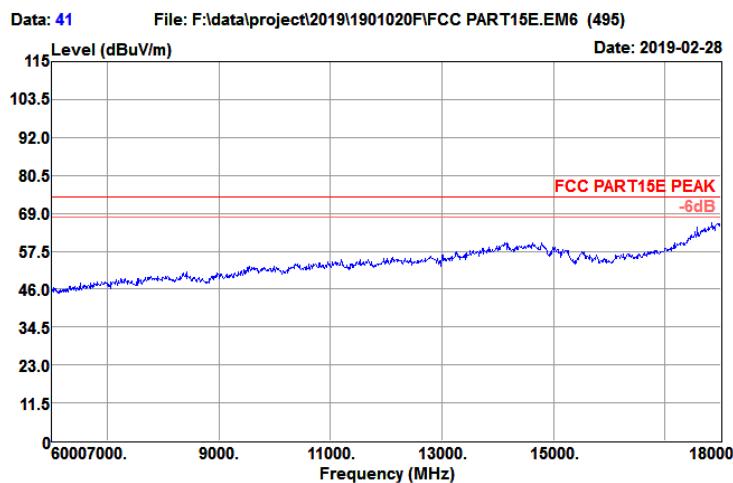
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH48(5240MHz)			

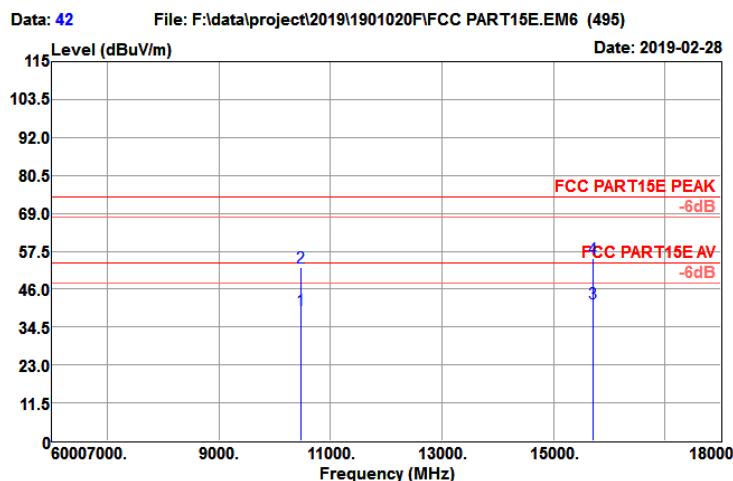


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5240.000	106.40	31.89	5.57	35.84	108.02	74.00	34.02	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH48(5240MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH48(5240MHz)		

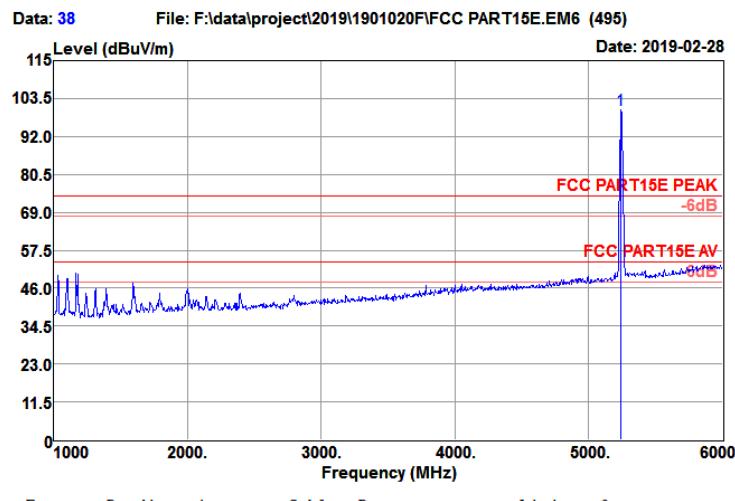


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10480.000	26.12	39.36	8.11	33.88	39.71	54.00	-14.29	Average
10480.000	38.85	39.36	8.11	33.88	52.44	74.00	-21.56	Peak
15720.000	25.13	38.47	9.60	31.54	41.66	54.00	-12.34	Average
15720.000	38.72	38.47	9.60	31.54	55.25	74.00	-18.75	Peak

802.11A 5240MHz

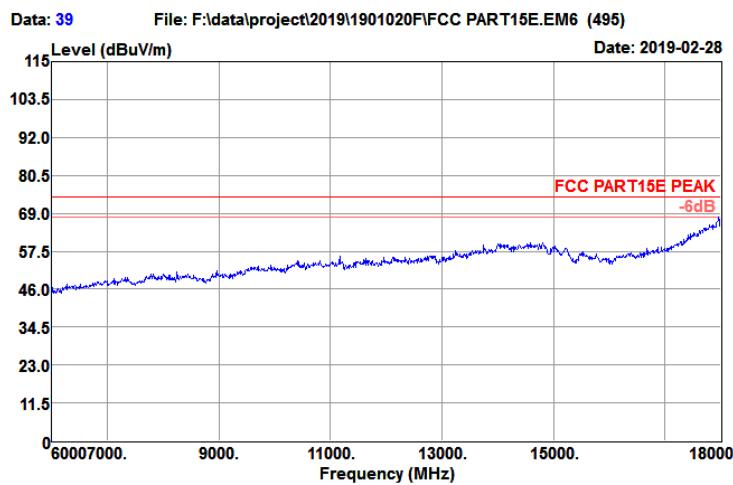
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH48(5240MHz)		

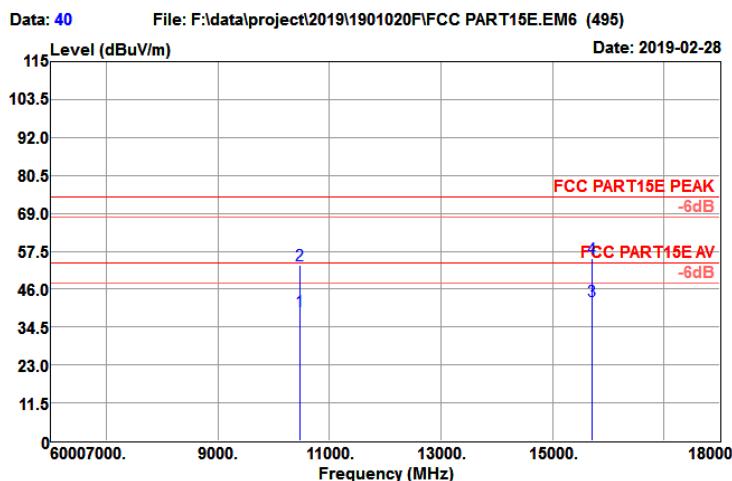


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5240.000	98.38	31.89	5.57	35.84	100.00	74.00	26.00	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH48(5240MHz)  
-----



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH48(5240MHz)		

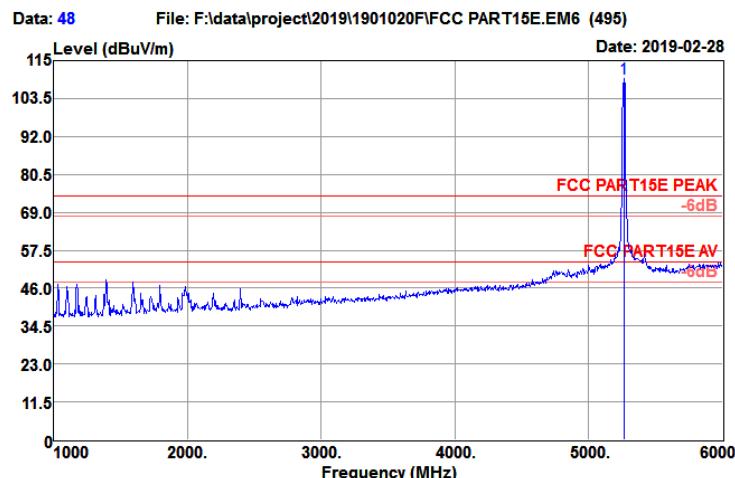


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.93	39.36	8.11	33.88	39.52	54.00	-14.48	Average
10480.000	39.78	39.36	8.11	33.88	53.37	74.00	-20.63	Peak
15720.000	25.77	38.47	9.60	31.54	42.30	54.00	-11.70	Average
15720.000	38.90	38.47	9.60	31.54	55.43	74.00	-18.57	Peak

802.11A 5260MHz

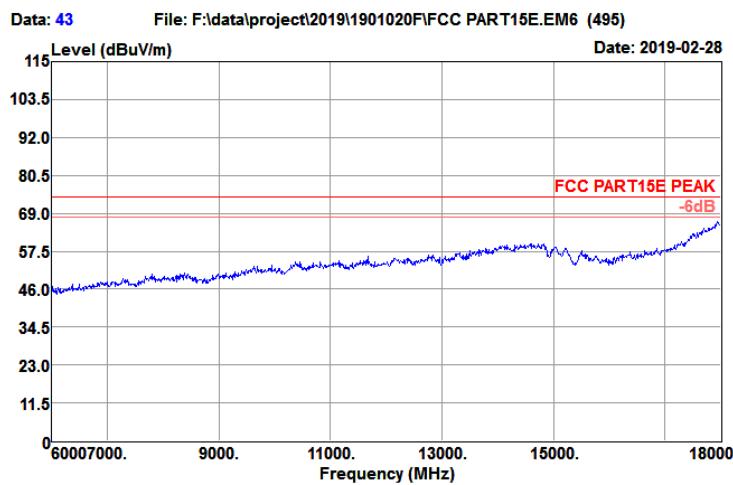
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH52(5260MHz)		

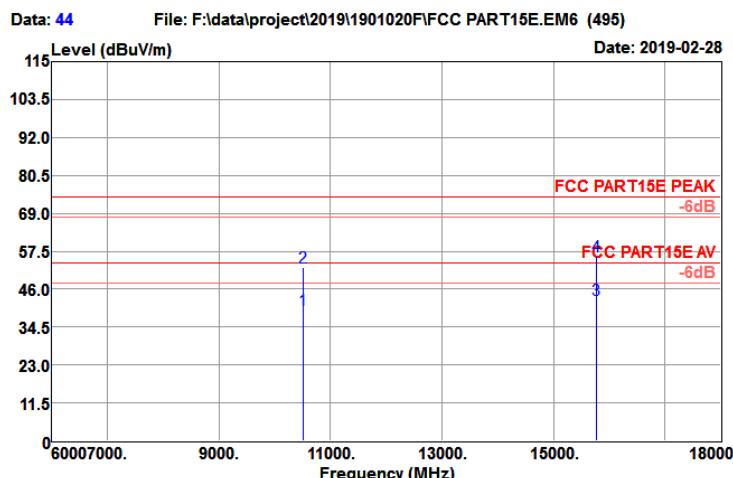


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5265.000	107.68	31.91	5.66	35.81	109.44	74.00	35.44	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH52(5260MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH52(5260MHz)		

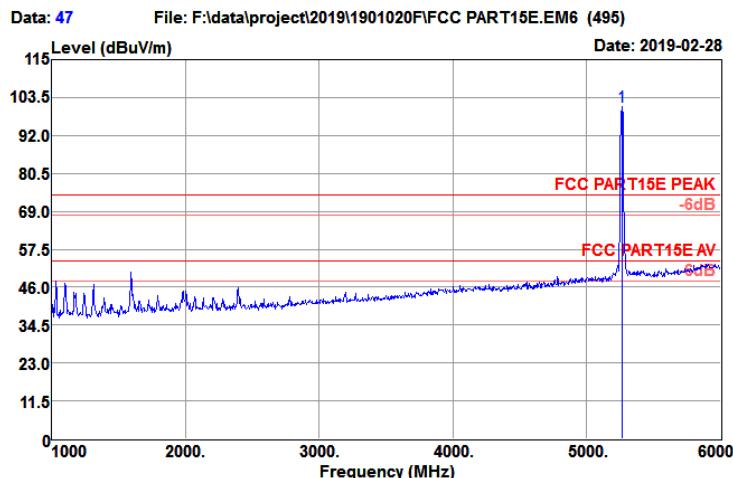


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10520.000	26.09	39.44	8.12	33.85	39.80	54.00	-14.20	Average
10520.000	38.77	39.44	8.12	33.85	52.48	74.00	-21.52	Peak
15780.000	26.39	38.28	9.58	31.51	42.74	54.00	-11.26	Average
15780.000	39.71	38.28	9.58	31.51	56.06	74.00	-17.94	Peak

802.11A 5260MHz

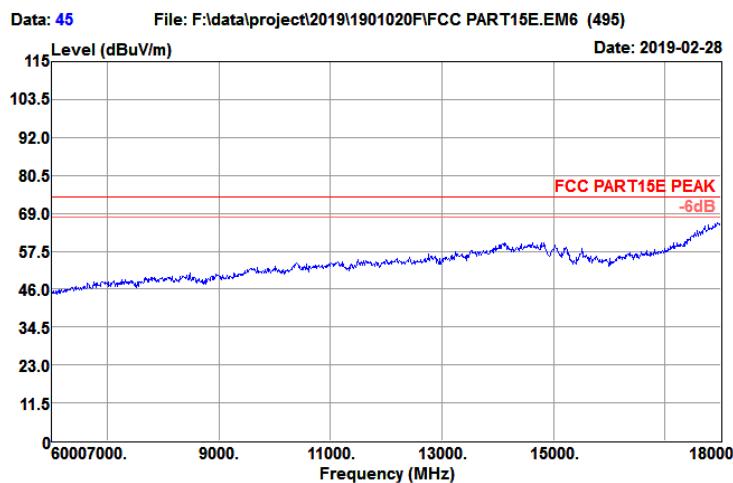
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH52(5260MHz)			

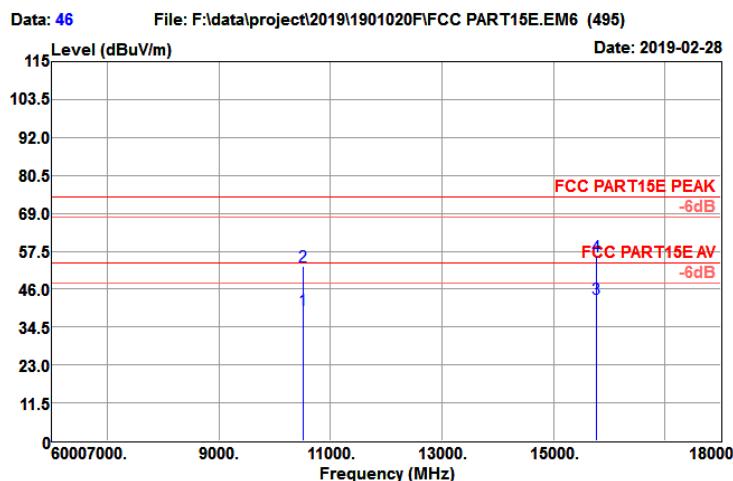


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit dBuV/m	Over limit dB	Remark
5265.000	98.85	31.91	5.66	35.81	100.61	74.00	26.61	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH52(5260MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH52(5260MHz)  
-----

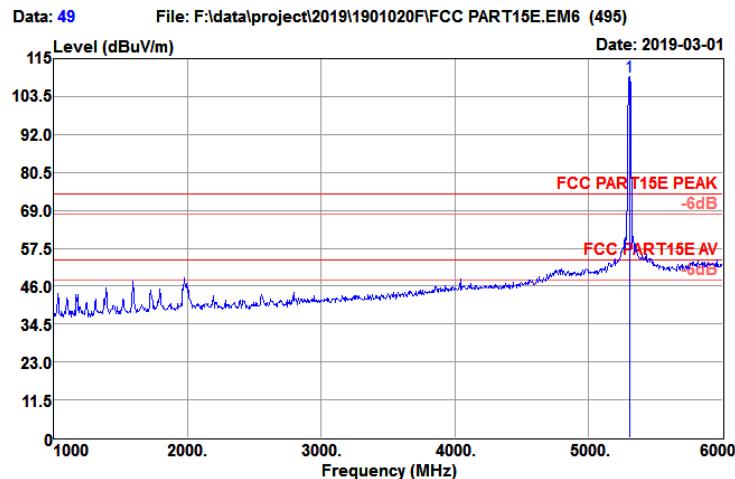


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10520.000	25.89	39.44	8.12	33.85	39.60	54.00	-14.40	Average
10520.000	39.10	39.44	8.12	33.85	52.81	74.00	-21.19	Peak
15780.000	26.78	38.28	9.58	31.51	43.13	54.00	-10.87	Average
15780.000	39.63	38.28	9.58	31.51	55.98	74.00	-18.02	Peak

802.11A 5300MHz

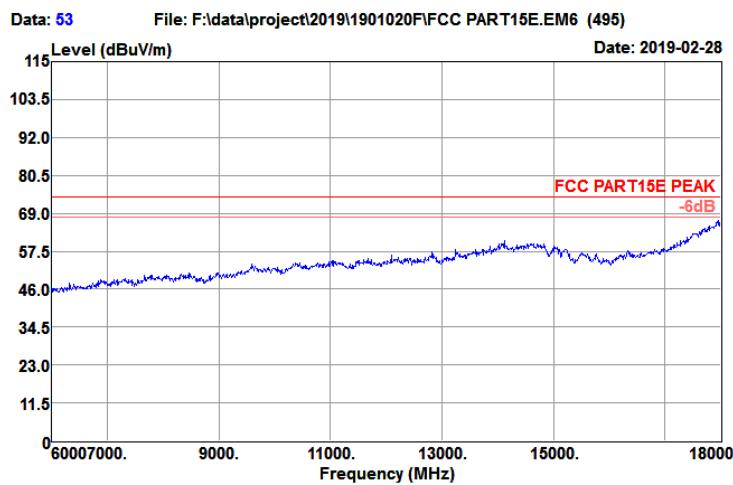
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH60(5300MHz)		

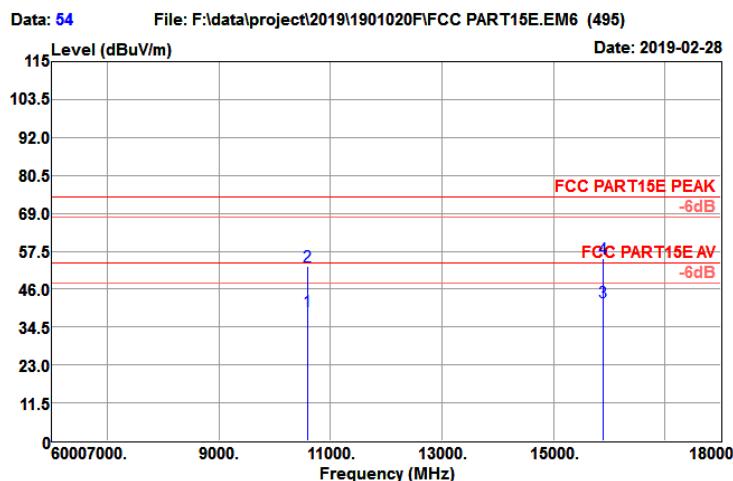


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5305.000	107.43	31.94	5.81	35.75	109.43	74.00	35.43	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH60(5300MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH60(5300MHz)		

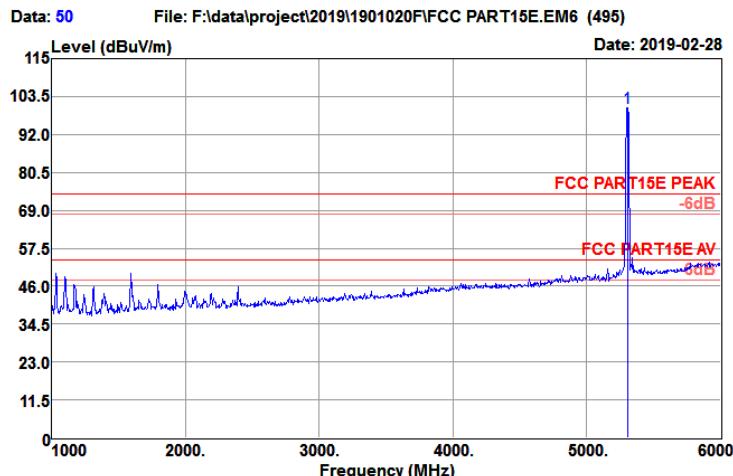


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
10600.000	25.46	39.58	8.17	33.78	39.43	54.00	-14.57	Average
10600.000	39.06	39.58	8.17	33.78	53.03	74.00	-20.97	Peak
15900.000	25.96	37.91	9.52	31.45	41.94	54.00	-12.06	Average
15900.000	39.31	37.91	9.52	31.45	55.29	74.00	-18.71	Peak

802.11A 5300MHz

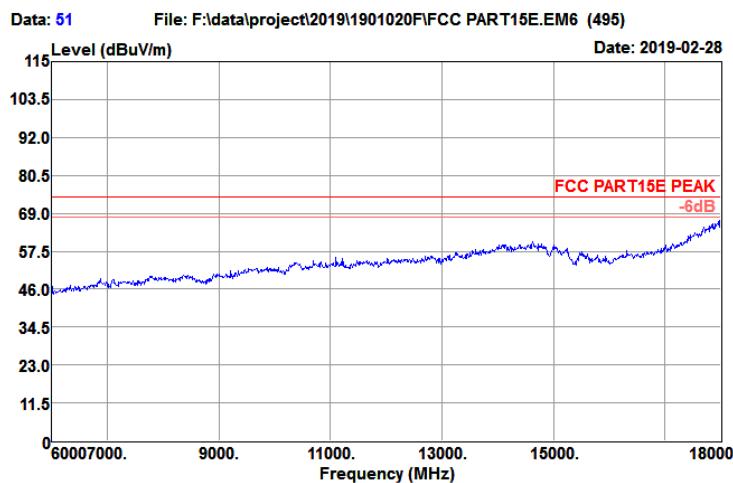
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH60(5300MHz)		

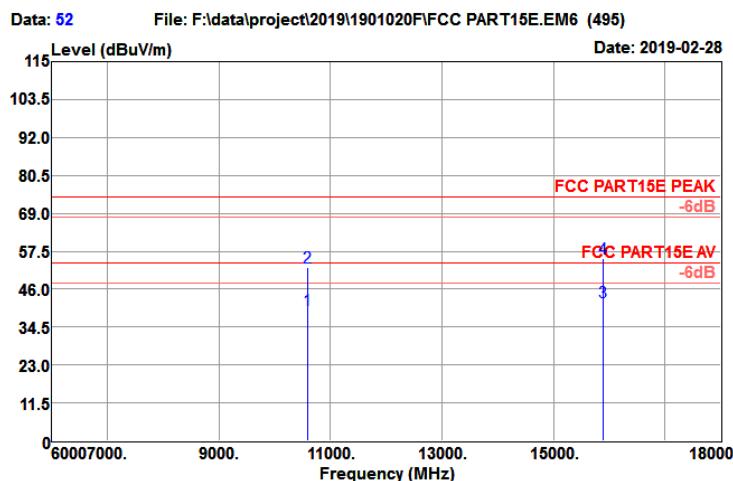


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5305.000	98.06	31.94	5.81	35.75	100.06	74.00	26.06	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH60(5300MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH60(5300MHz)		

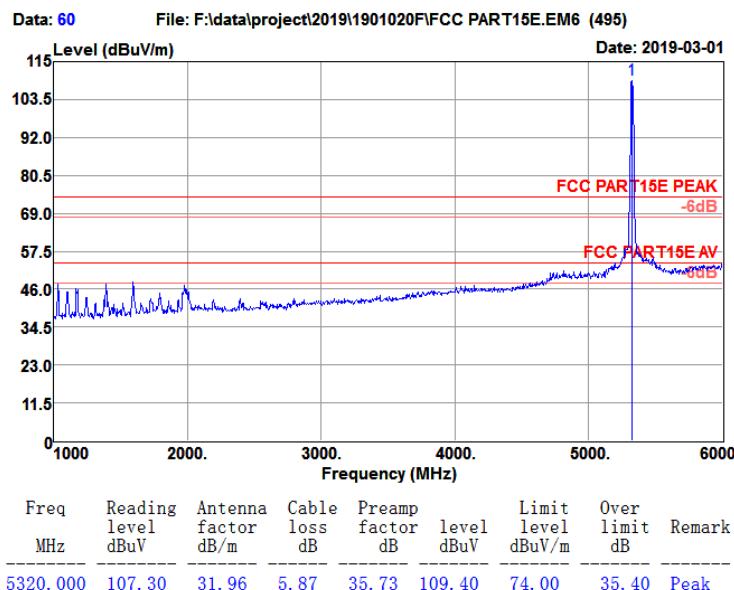


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
10600.000	25.68	39.58	8.17	33.78	39.65	54.00	-14.35	Average
10600.000	38.62	39.58	8.17	33.78	52.59	74.00	-21.41	Peak
15900.000	26.16	37.91	9.52	31.45	42.14	54.00	-11.86	Average
15900.000	39.27	37.91	9.52	31.45	55.25	74.00	-18.75	Peak

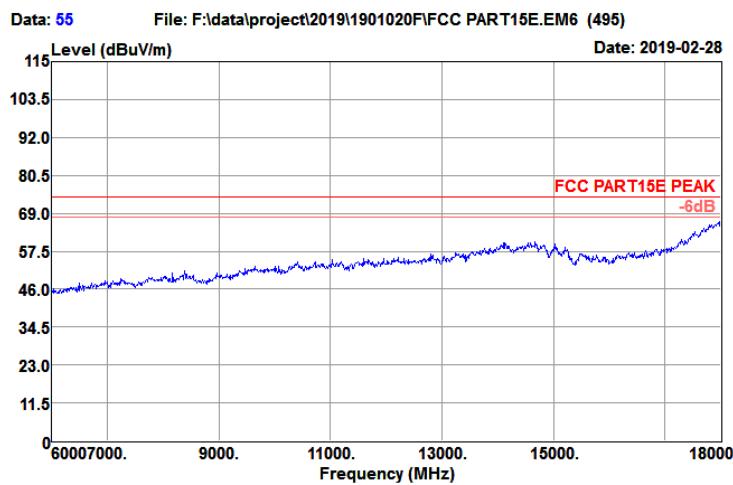
802.11A 5320MHz

Horizontal:

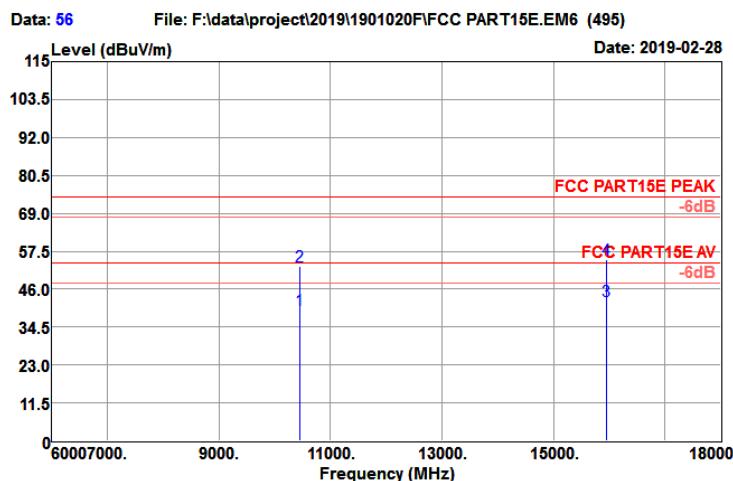
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH64(5320MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH64(5320MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH64(5320MHz)		

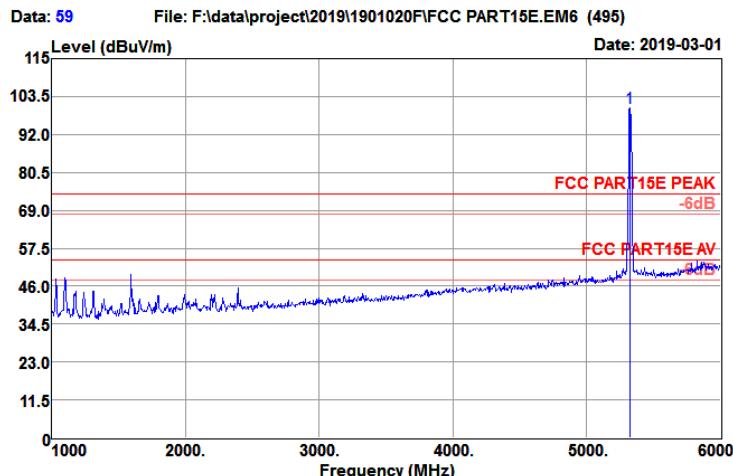


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10460.000	26.08	39.33	8.11	33.90	39.62	54.00	-14.38	Average
10460.000	39.46	39.33	8.11	33.90	53.00	74.00	-21.00	Peak
15960.000	26.78	37.72	9.50	31.43	42.57	54.00	-11.43	Average
15960.000	39.32	37.72	9.50	31.43	55.11	74.00	-18.89	Peak

802.11A 5320MHz

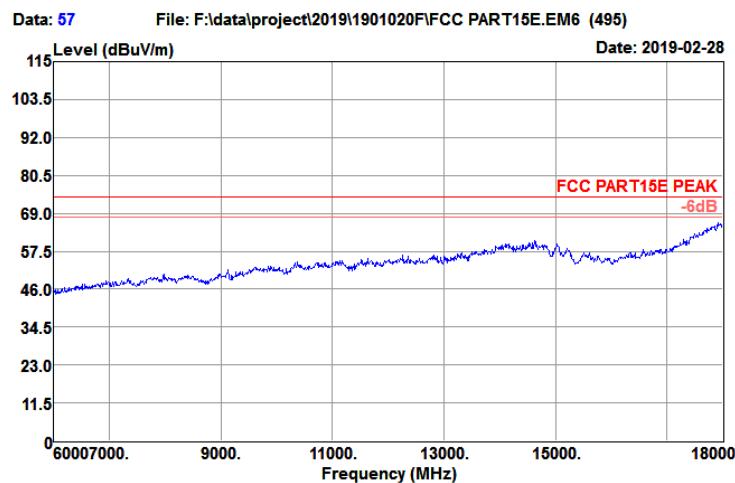
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH64(5320MHz)		

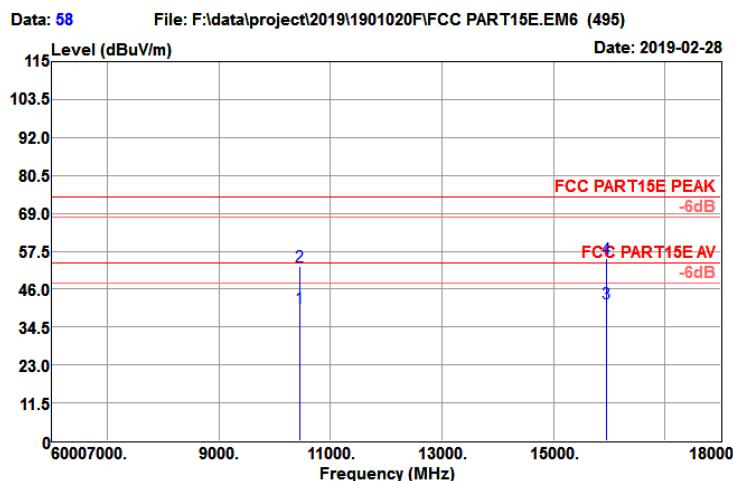


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5320.000	97.92	31.96	5.87	35.73	100.02	74.00	26.02	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH64(5320MHz)  
-----



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH64(5320MHz)		

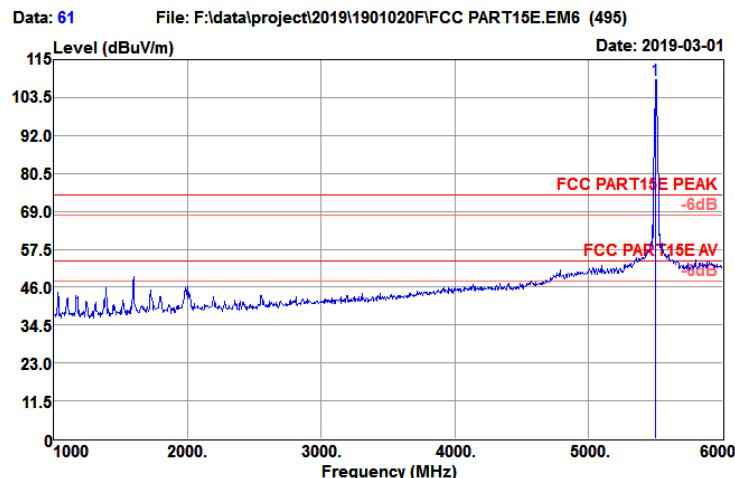


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
10460.000	26.85	39.33	8.11	33.90	40.39	54.00	-13.61	Average
10460.000	39.34	39.33	8.11	33.90	52.88	74.00	-21.12	Peak
15960.000	25.98	37.72	9.50	31.43	41.77	54.00	-12.23	Average
15960.000	39.56	37.72	9.50	31.43	55.35	74.00	-18.65	Peak

802.11A 5500MHz

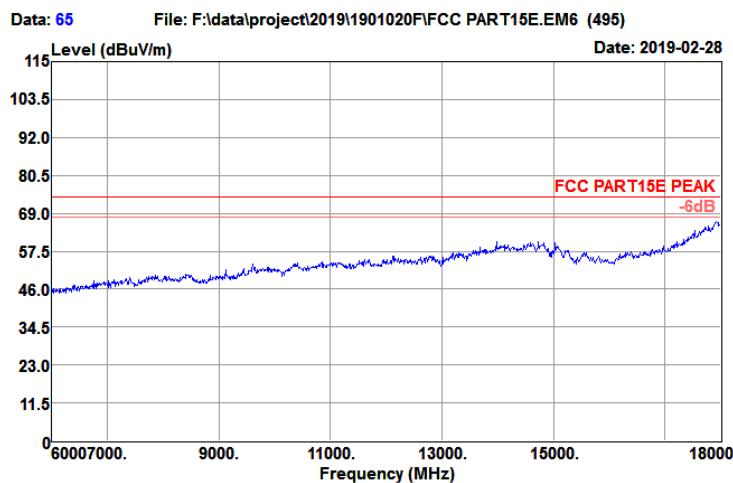
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH100(5500MHz)			

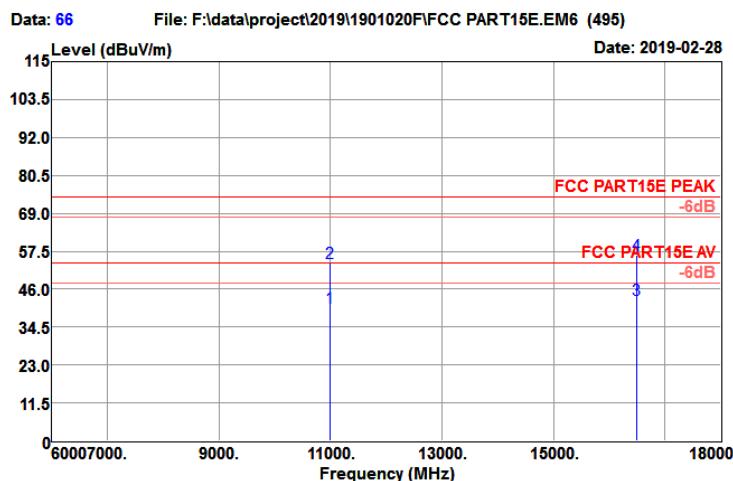


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit dBuV/m	Over limit dB	Remark
5500.000	106.12	32.10	6.20	35.46	108.96	74.00	34.96	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH100(5500MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH100(5500MHz)		

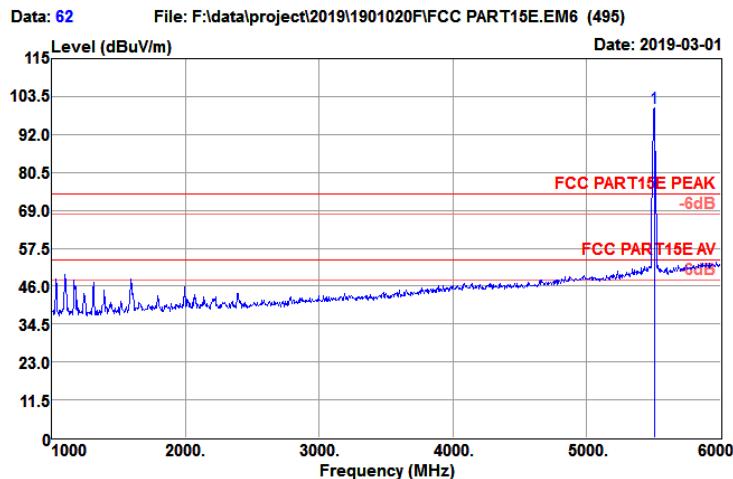


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Level dBuV	Limit level dBuV/m	Over limit dB	Remark
11000.000	25.18	40.30	8.39	33.43	40.44	54.00	-13.56	Average
11000.000	38.73	40.30	8.39	33.43	53.99	74.00	-20.01	Peak
16500.000	24.77	39.55	9.42	31.07	42.67	54.00	-11.33	Average
16500.000	38.31	39.55	9.42	31.07	56.21	74.00	-17.79	Peak

802.11A 5500MHz

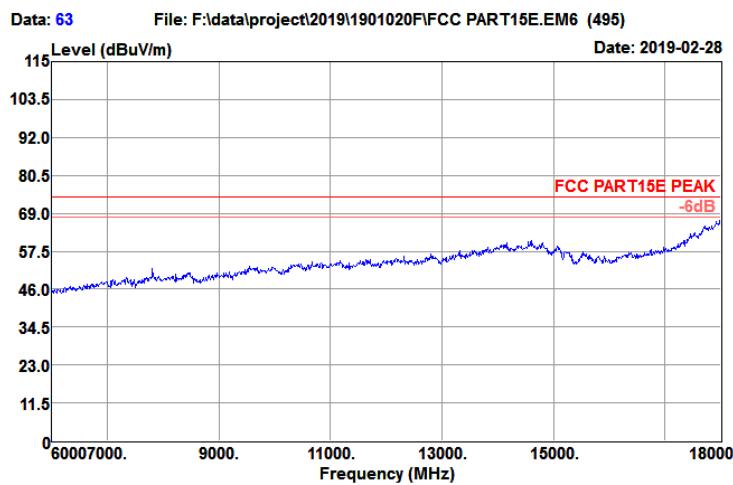
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH100(5500MHz)		

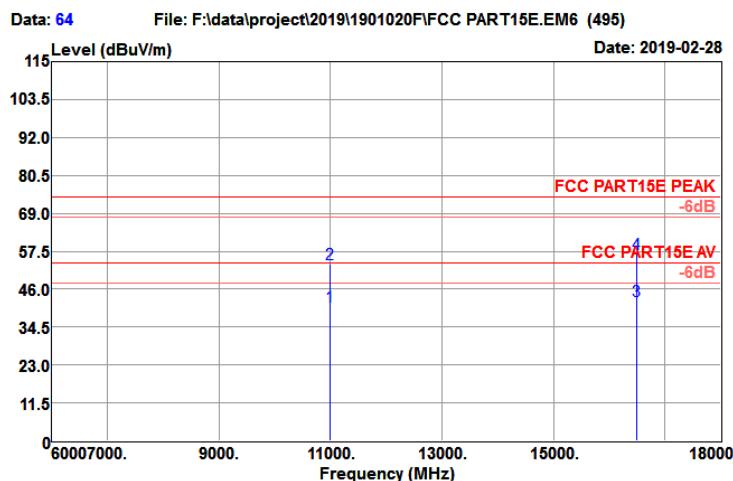


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5505.000	97.21	32.10	6.21	35.45	100.07	74.00	26.07	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH100(5500MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH100(5500MHz)		

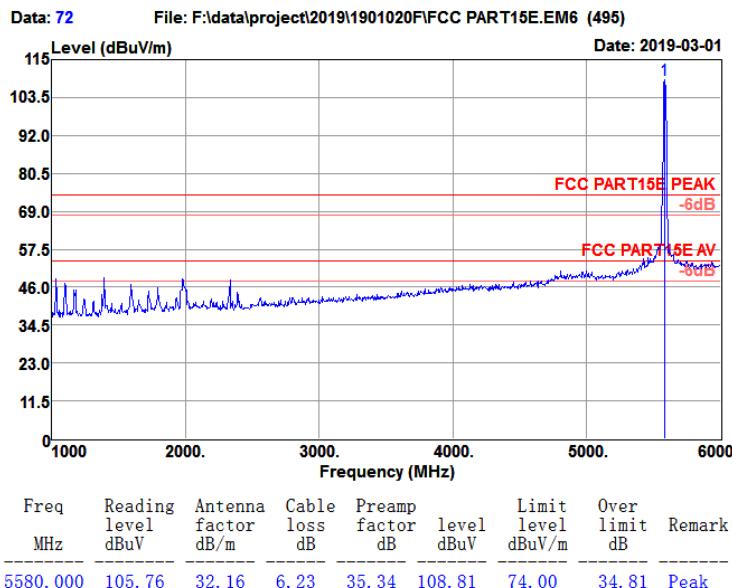


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11000.000	25.36	40.30	8.39	33.43	40.62	54.00	-13.38	Average
11000.000	38.23	40.30	8.39	33.43	53.49	74.00	-20.51	Peak
16500.000	24.36	39.55	9.42	31.07	42.26	54.00	-11.74	Average
16500.000	38.86	39.55	9.42	31.07	56.76	74.00	-17.24	Peak

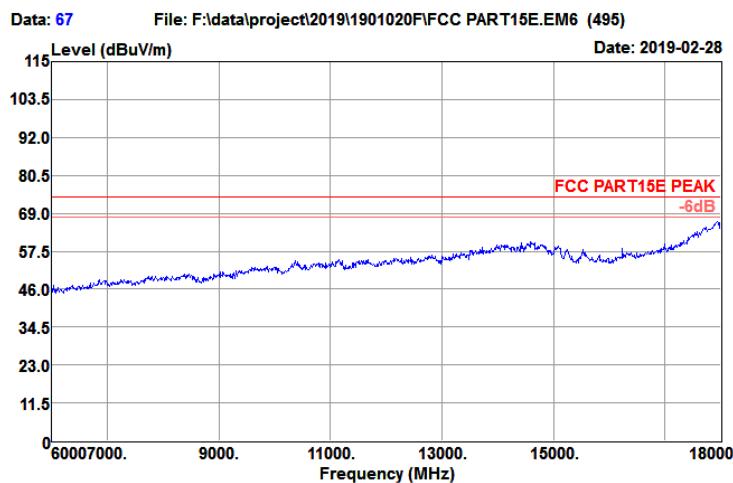
802.11A 5580MHz

Horizontal:

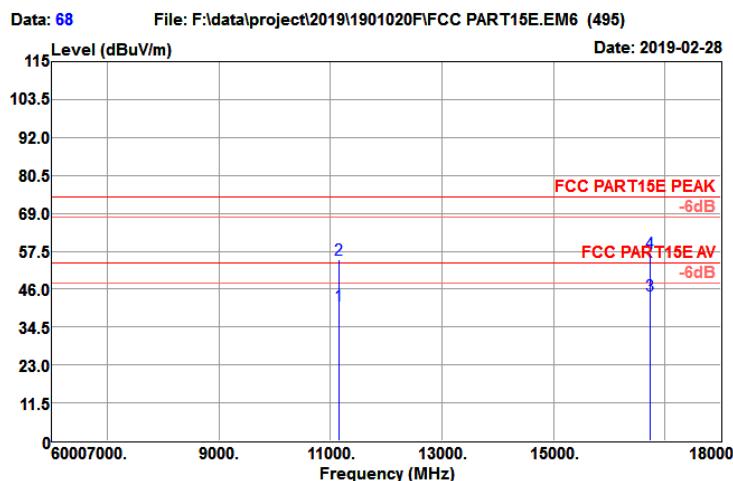
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH116(5580MHz)		



Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH116(5580MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	Damon	Power rating	: AC120V/60Hz
EUT	all in one	Pol/Phase	: HORIZONTAL
Model No.	GK-MWZE501		
Test Mode	802.11a CH116(5580MHz)		

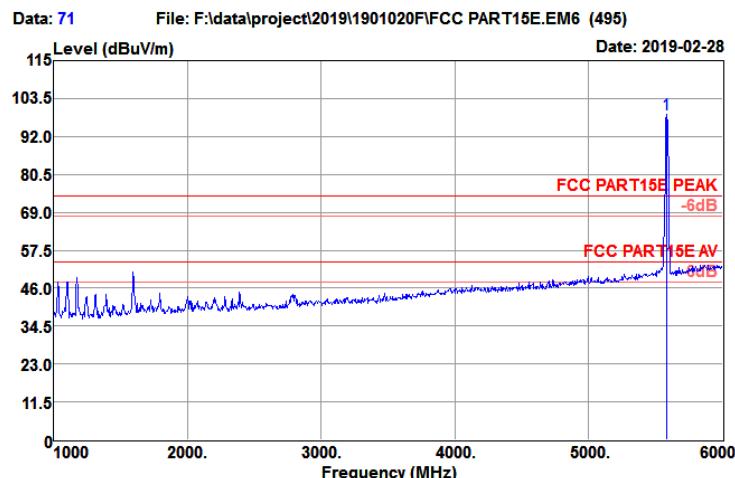


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11160.000	25.69	40.17	8.50	33.29	41.07	54.00	-12.93	Average
11160.000	39.60	40.17	8.50	33.29	54.98	74.00	-19.02	Peak
16740.000	24.95	40.49	9.42	30.90	43.96	54.00	-10.04	Average
16740.000	38.00	40.49	9.42	30.90	57.01	74.00	-16.99	Peak

802.11A 5580MHz

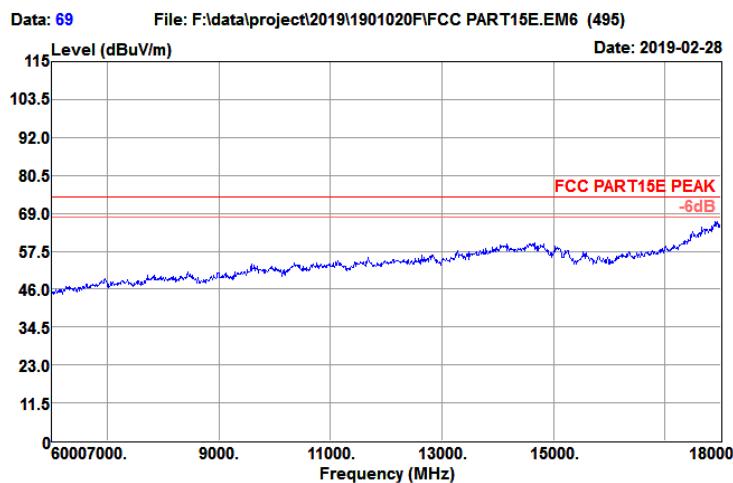
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH116(5580MHz)			

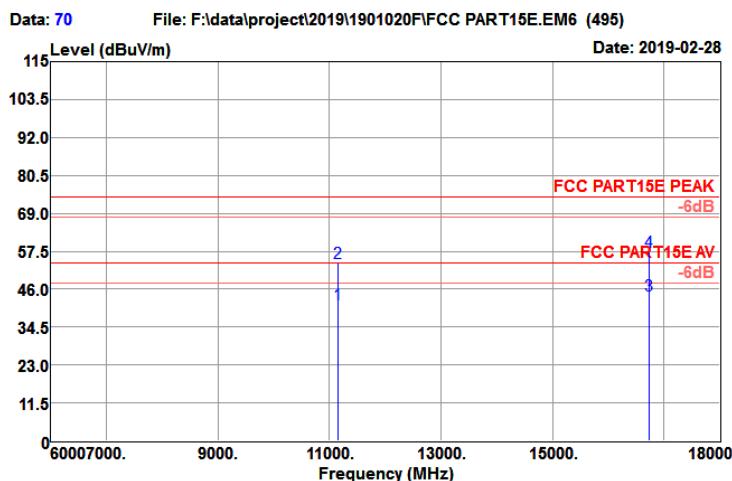


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5580.000	95.70	32.16	6.23	35.34	98.75	74.00	24.75	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH116(5580MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH116(5580MHz)		

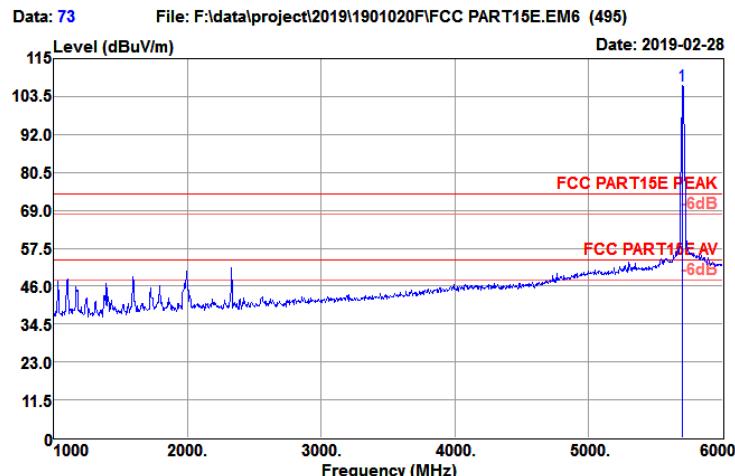


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11160.000	25.89	40.17	8.50	33.29	41.27	54.00	-12.73	Average
11160.000	38.59	40.17	8.50	33.29	53.97	74.00	-20.03	Peak
16740.000	25.15	40.49	9.42	30.90	44.16	54.00	-9.84	Average
16740.000	38.46	40.49	9.42	30.90	57.47	74.00	-16.53	Peak

802.11A 5700MHz

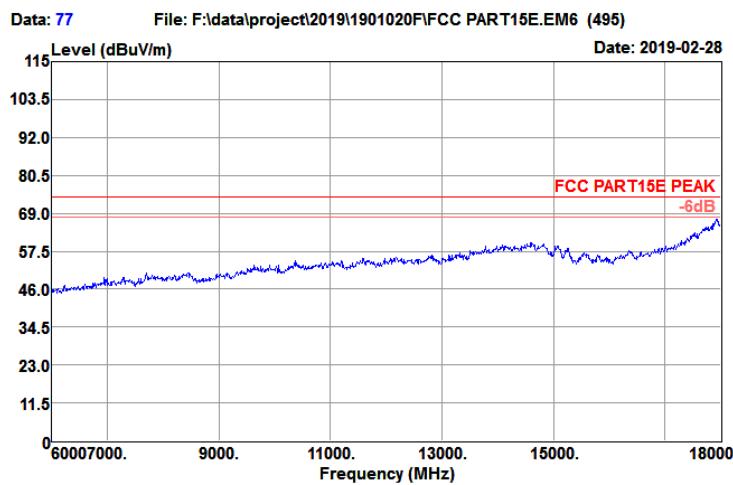
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH140(5700MHz)		



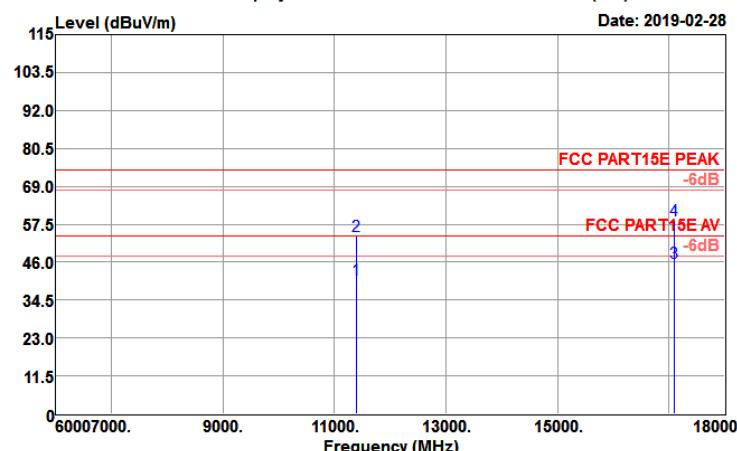
Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5700.000	103.27	32.26	6.39	35.16	106.76	74.00	32.76	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH140(5700MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH140(5700MHz)		

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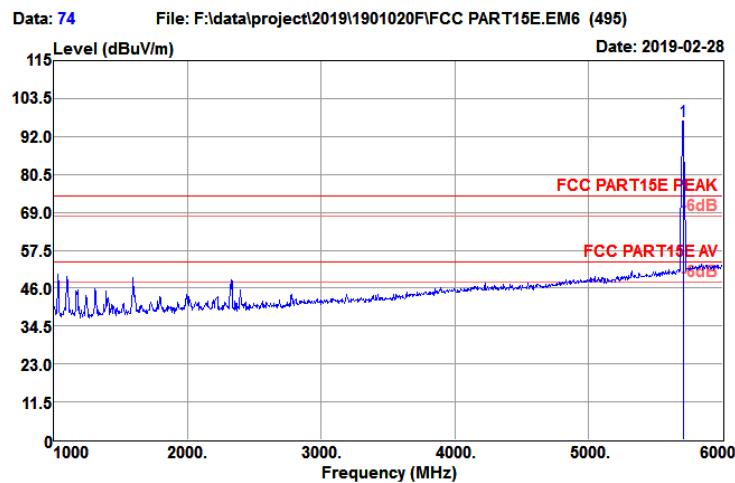


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11400.000	25.01	39.98	8.66	33.08	40.57	54.00	-13.43	Average
11400.000	38.34	39.98	8.66	33.08	53.90	74.00	-20.10	Peak
17100.000	24.68	42.21	9.44	30.65	45.68	54.00	-8.32	Average
17100.000	37.83	42.21	9.44	30.65	58.83	74.00	-15.17	Peak

802.11A 5700MHz

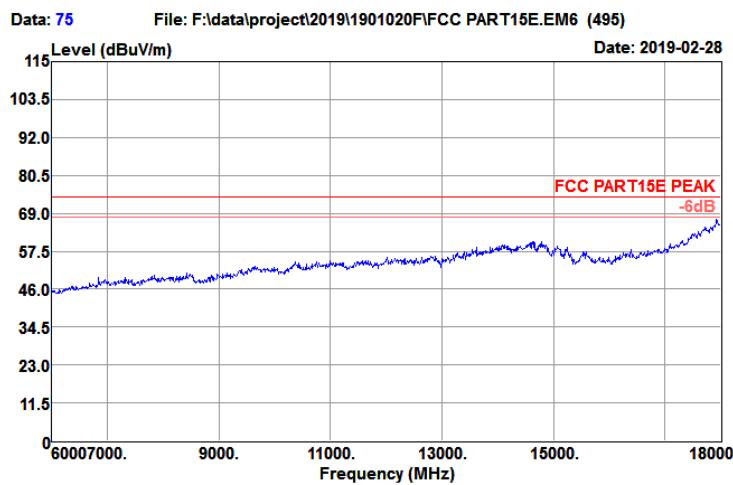
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH140(5700MHz)		

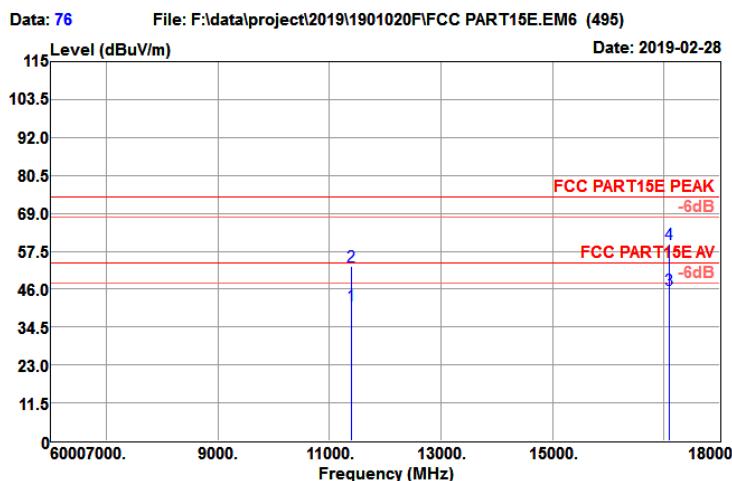


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5705.000	93.33	32.26	6.39	35.16	96.82	74.00	22.82	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH140(5700MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH140(5700MHz)		

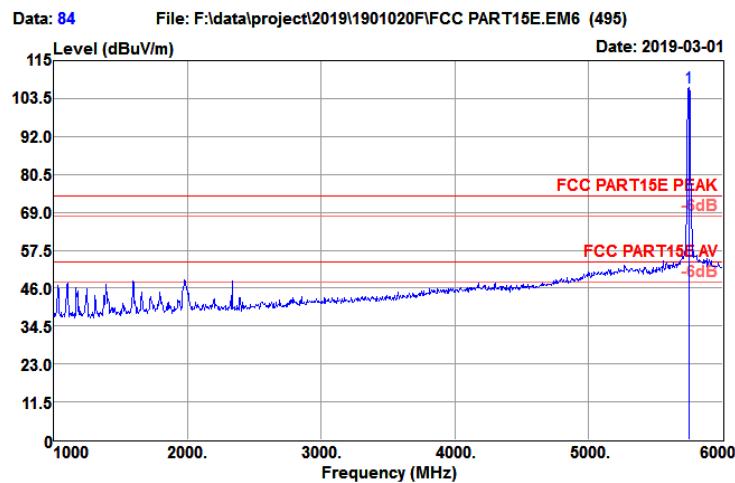


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11400.000	25.62	39.98	8.66	33.08	41.18	54.00	-12.82	Average
11400.000	37.45	39.98	8.66	33.08	53.01	74.00	-20.99	Peak
17100.000	24.96	42.21	9.44	30.65	45.96	54.00	-8.04	Average
17100.000	38.60	42.21	9.44	30.65	59.60	74.00	-14.40	Peak

802.11A 5745MHz

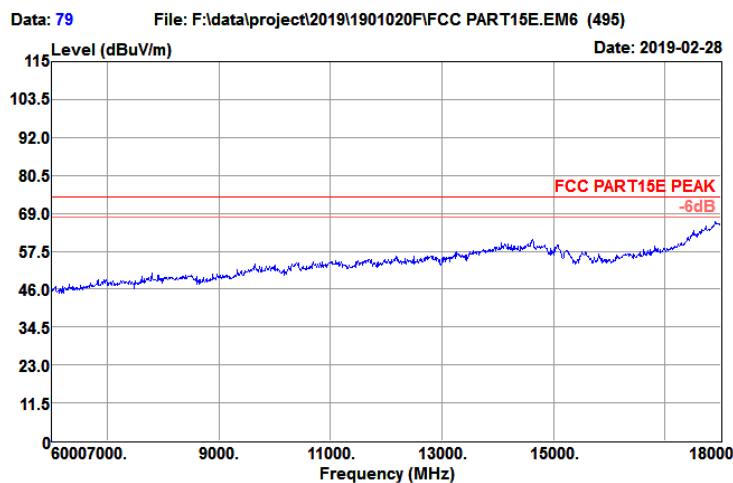
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH149(5745MHz)		

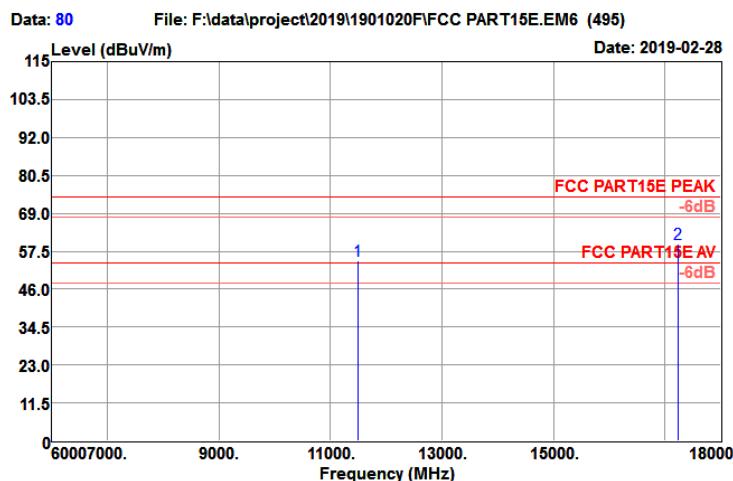


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5750.000	103.19	32.30	6.46	35.09	106.86	74.00	32.86	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH149(5745MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11a CH149(5745MHz)  
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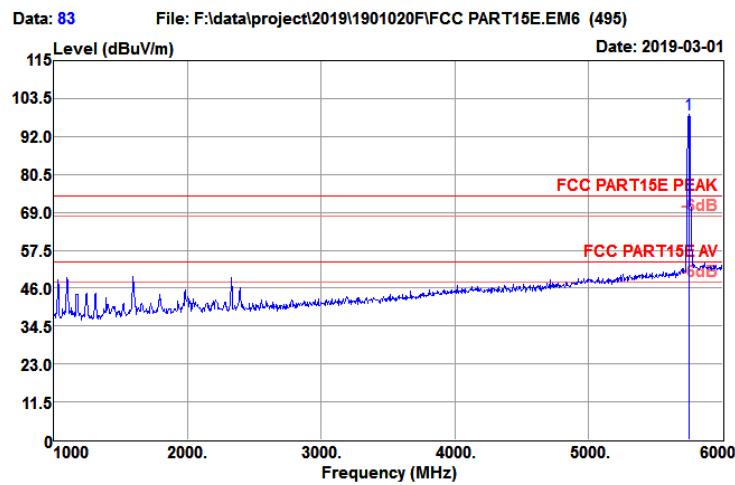


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11490.000	38.92	39.91	8.72	33.00	54.55	74.00	-19.45	Peak
17235.000	37.80	43.17	9.48	30.56	59.89	74.00	-14.11	Peak

802.11A 5745MHz

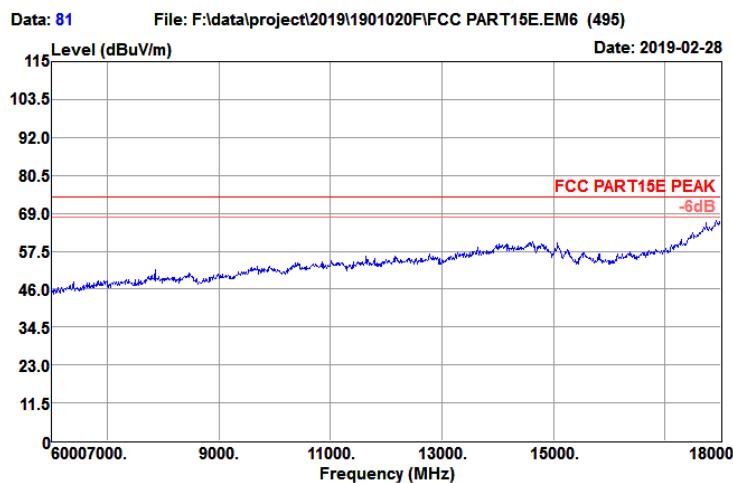
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH149(5745MHz)		

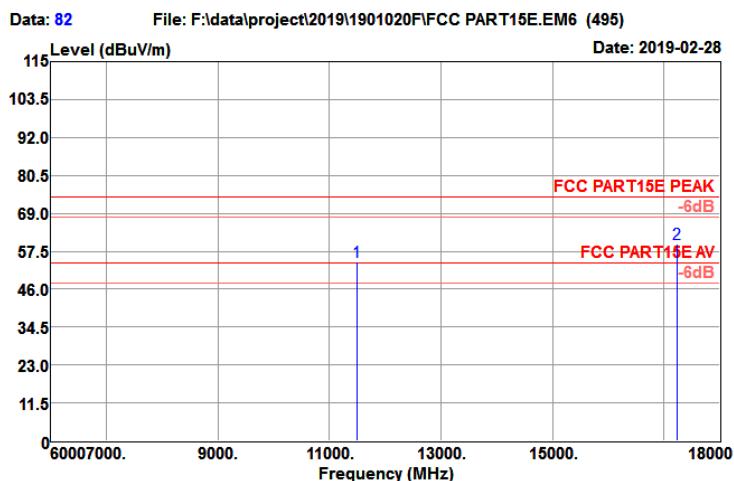


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5745.000	95.17	32.30	6.45	35.10	98.82	74.00	24.82	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH149(5745MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH149(5745MHz)		

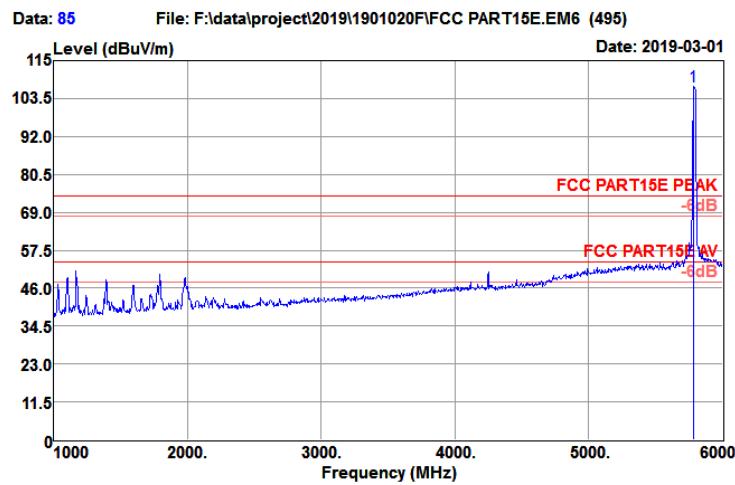


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11490.000	38.81	39.91	8.72	33.00	54.44	74.00	-19.56	Peak
17235.000	37.57	43.17	9.48	30.56	59.66	74.00	-14.34	Peak

802.11A 5785MHz

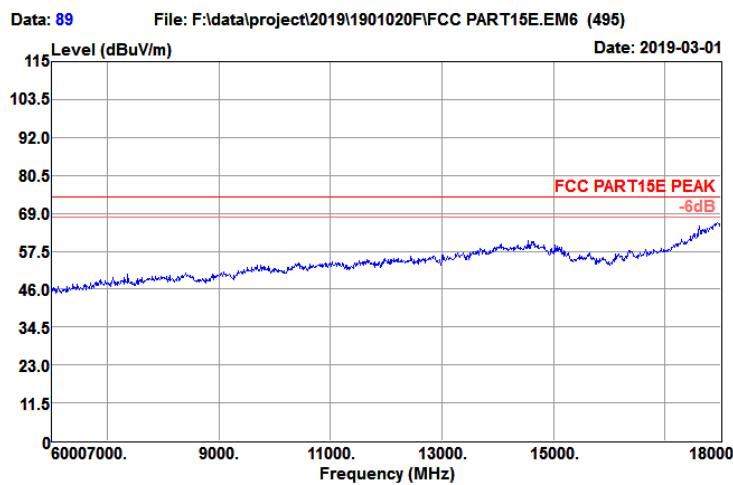
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH157(5785MHz)		

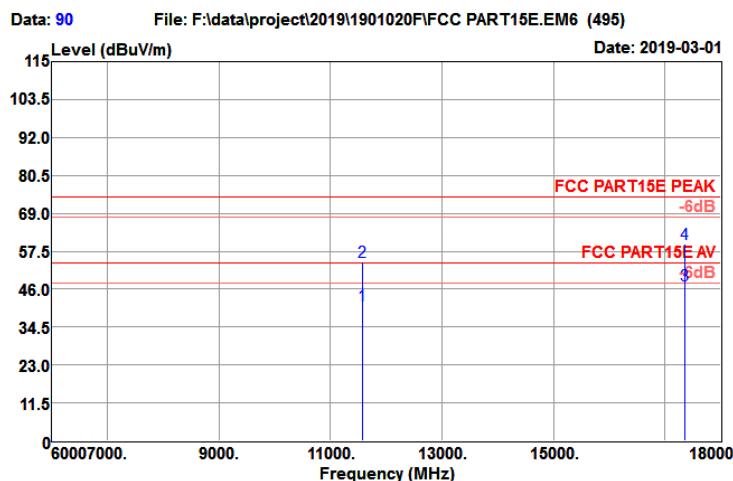


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5785.000	103.33	32.33	6.51	35.04	107.13	74.00	33.13	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH157(5785MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH157(5785MHz)		

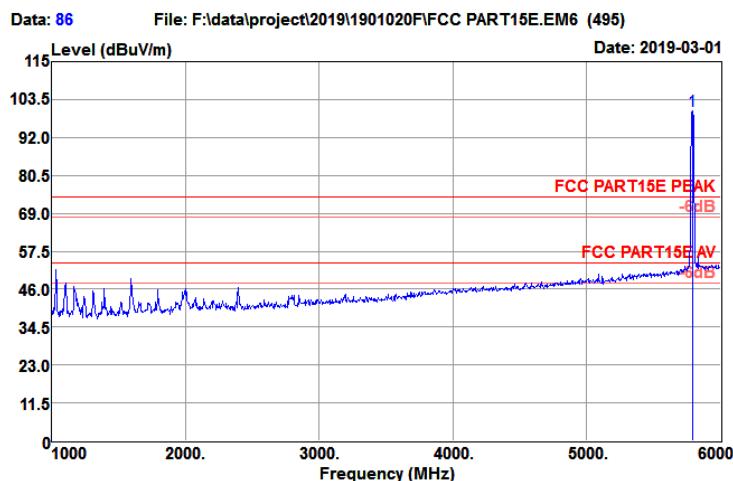


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.48	39.84	8.74	32.93	41.13	54.00	-12.87	Average
11570.000	38.78	39.84	8.74	32.93	54.43	74.00	-19.57	Peak
17355.000	24.02	44.02	9.52	30.48	47.08	54.00	-6.92	Average
17355.000	36.61	44.02	9.52	30.48	59.67	74.00	-14.33	Peak

802.11A 5785MHz

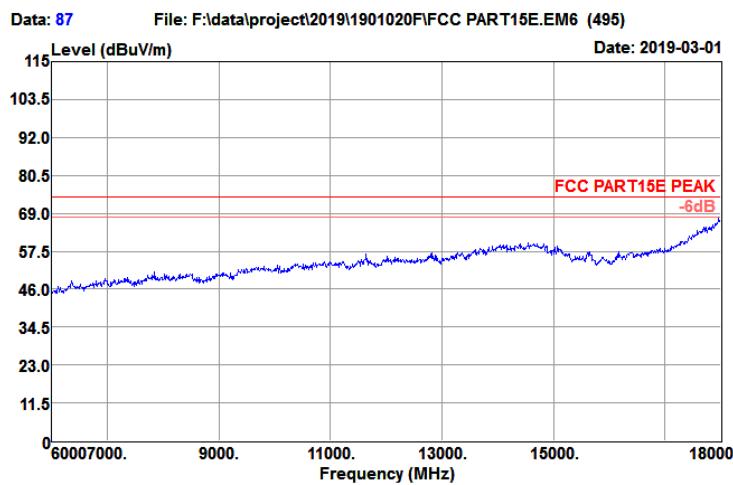
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating: AC120V/60Hz		
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH157(5785MHz)			

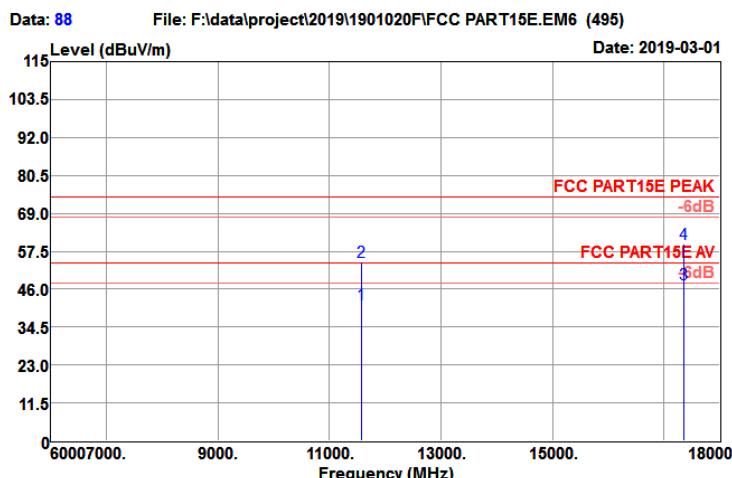


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
5790.000	96.20	32.33	6.52	35.03	100.02	74.00	26.02	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH157(5785MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH157(5785MHz)		

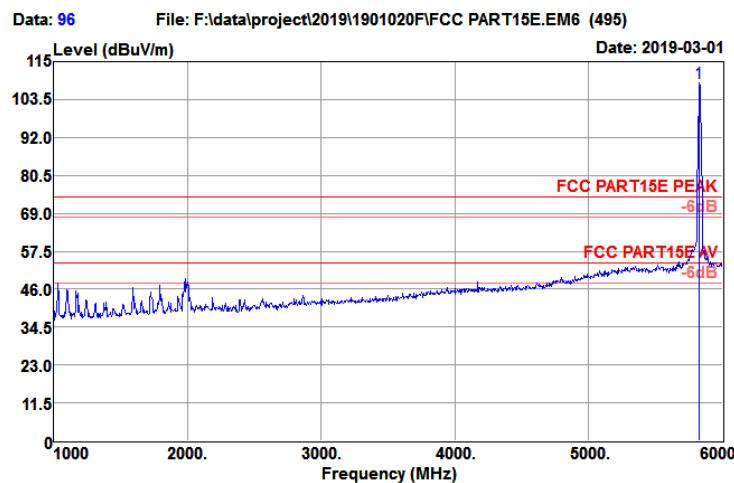


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.69	39.84	8.74	32.93	41.34	54.00	-12.66	Average
11570.000	38.60	39.84	8.74	32.93	54.25	74.00	-19.75	Peak
17355.000	24.53	44.02	9.52	30.48	47.59	54.00	-6.41	Average
17355.000	36.52	44.02	9.52	30.48	59.58	74.00	-14.42	Peak

802.11A 5785MHz

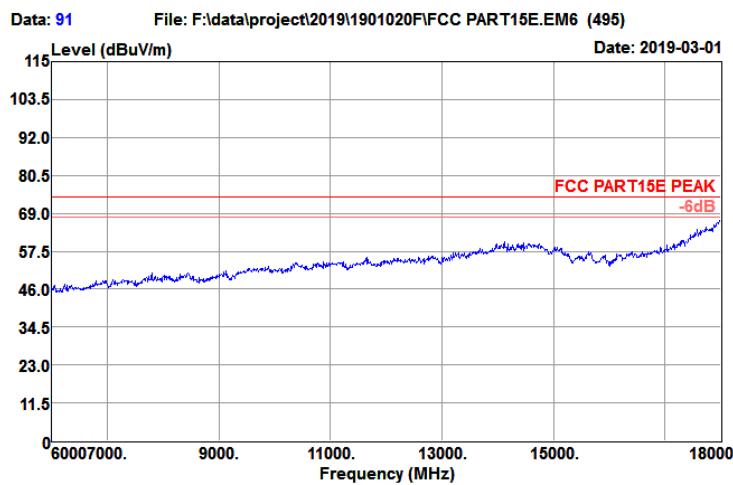
Horizontal:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH165(5825MHz)			

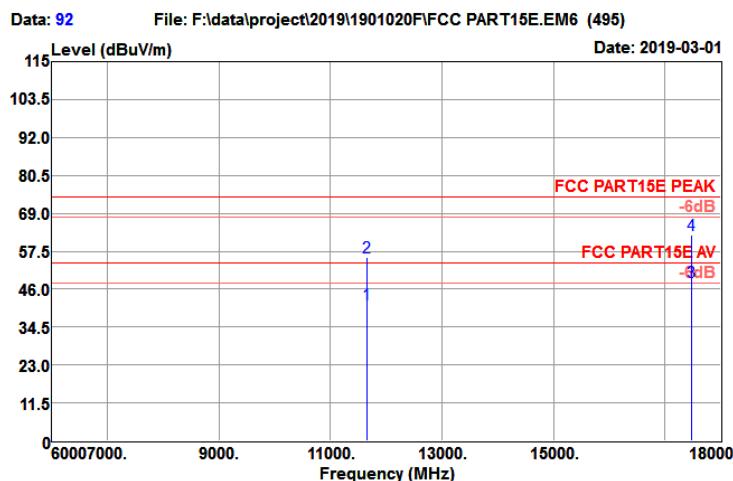


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit dBuV/m	Over limit dB	Remark
5825.000	104.57	32.36	6.53	34.98	108.48	74.00	34.48	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating:	AC120V/60Hz	
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH165(5825MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11a CH165(5825MHz)		

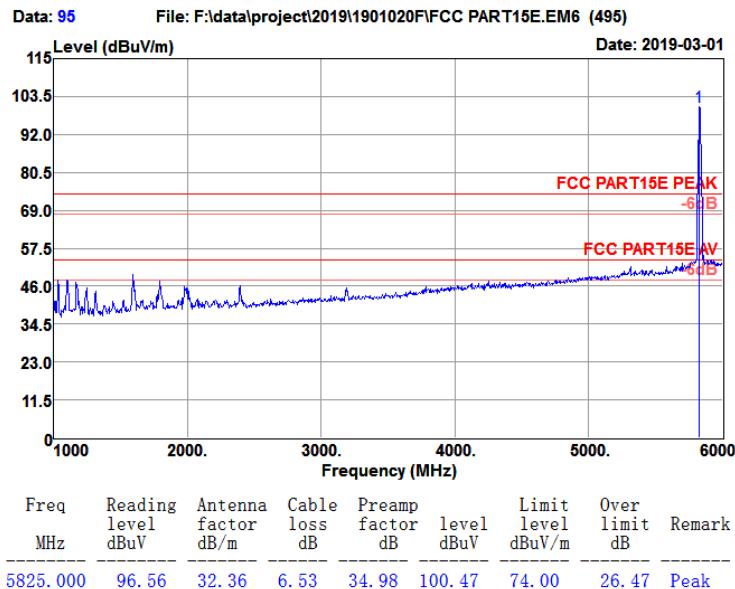


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.56	39.78	8.75	32.86	41.23	54.00	-12.77	Average
11650.000	40.11	39.78	8.75	32.86	55.78	74.00	-18.22	Peak
<b>17475.000</b>	<b>24.12</b>	<b>44.87</b>	<b>9.55</b>	<b>30.39</b>	<b>48.15</b>	<b>54.00</b>	<b>-5.85</b>	<b>Average</b>
17475.000	38.46	44.87	9.55	30.39	62.49	74.00	-11.51	Peak

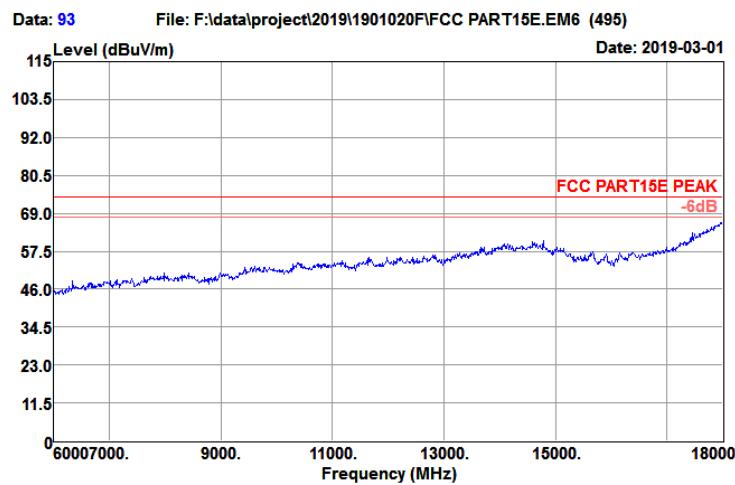
802.11A 5825MHz

Vertical:

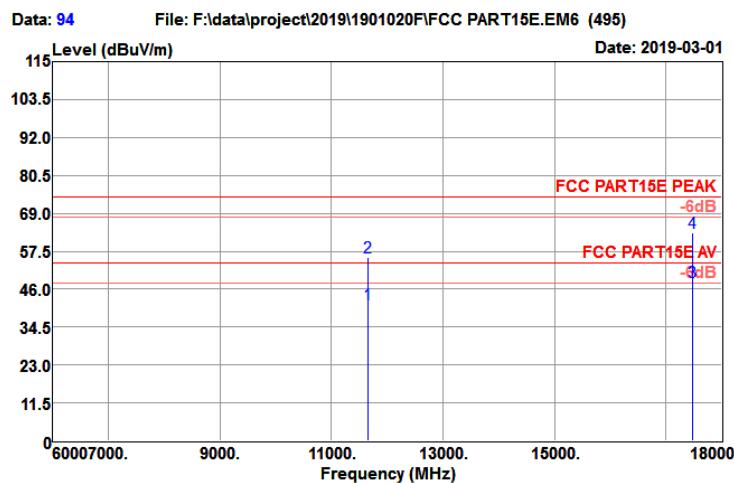
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH165(5825MHz)			



Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating:	AC120V/60Hz	-
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11a CH165(5825MHz)			



Test Site : 3m Chamber  
 -----  
 Tested by : Damon  
 -----  
 EUT : all in one  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11a CH165(5825MHz)  
 -----



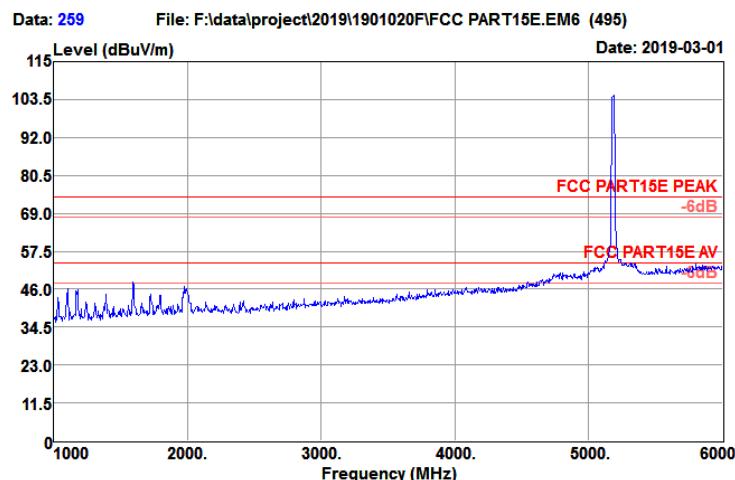
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.61	39.78	8.75	32.86	41.28	54.00	-12.72	Average
11650.000	39.88	39.78	8.75	32.86	55.55	74.00	-18.45	Peak
17475.000	24.26	44.87	9.55	30.39	48.29	54.00	-5.71	Average
17475.000	39.08	44.87	9.55	30.39	63.11	74.00	-10.89	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

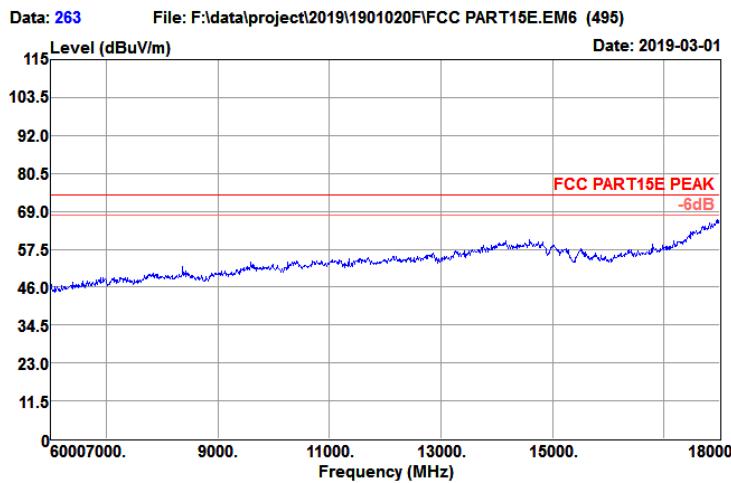
802.11N20 5180MHz

Horizontal:

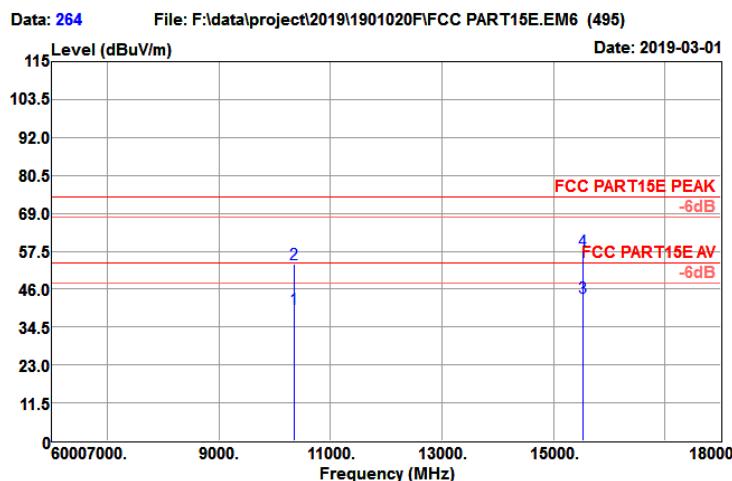
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH36(5180MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH36(5180MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH36(5180MHz)  
-----

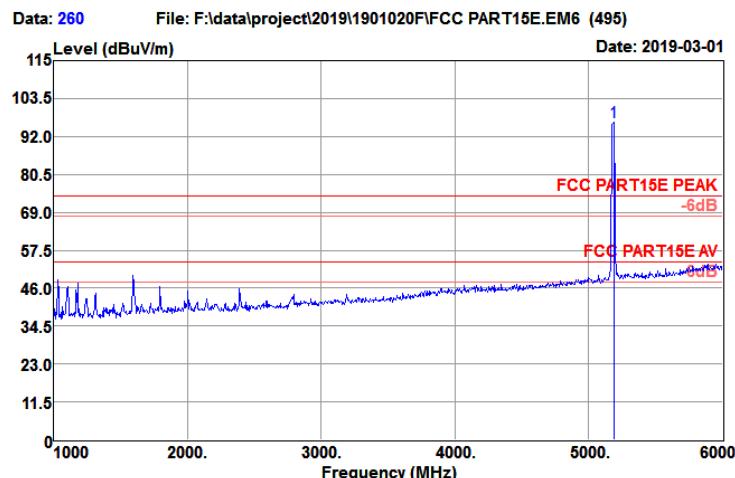


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10360.000	26.89	39.15	8.10	33.99	40.15	54.00	-13.85	Average
10360.000	40.35	39.15	8.10	33.99	53.61	74.00	-20.39	Peak
15540.000	26.39	39.03	9.68	31.62	43.48	54.00	-10.52	Average
15540.000	40.52	39.03	9.68	31.62	57.61	74.00	-16.39	Peak

802.11N20 5180MHz

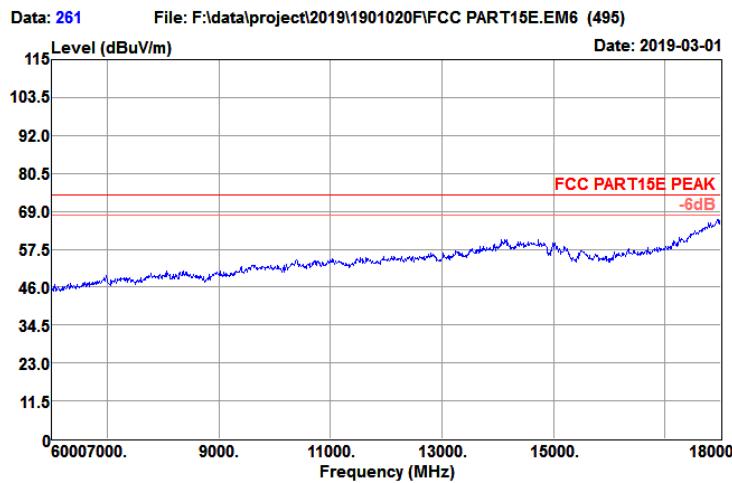
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH36(5180MHz)			

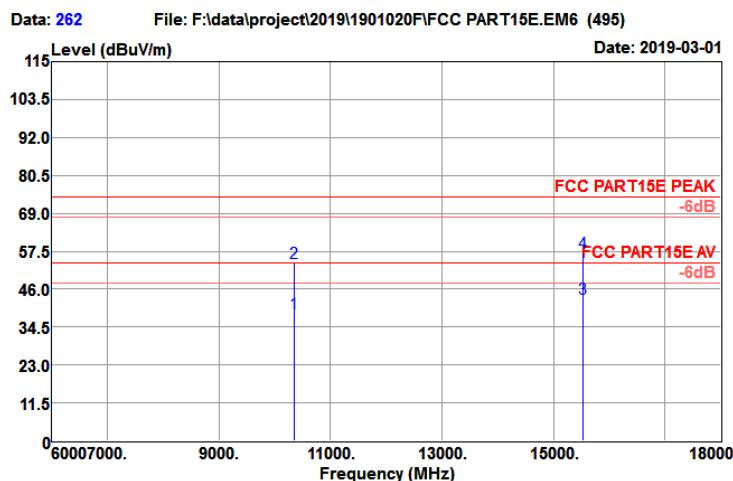


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5185.000	94.99	31.85	5.41	35.93	96.32	74.00	22.32	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH36(5180MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH36(5180MHz)  
-----

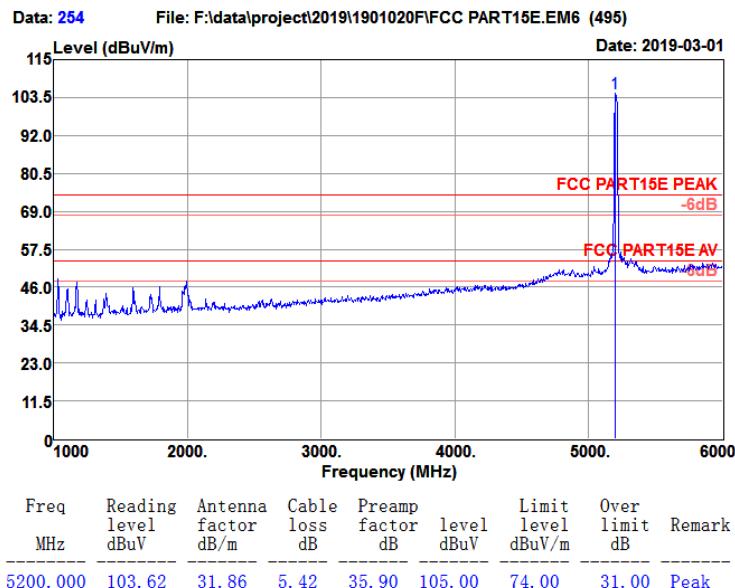


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.38	39.15	8.10	33.99	38.64	54.00	-15.36	Average
10360.000	40.69	39.15	8.10	33.99	53.95	74.00	-20.05	Peak
15540.000	26.12	39.03	9.68	31.62	43.21	54.00	-10.79	Average
15540.000	39.84	39.03	9.68	31.62	56.93	74.00	-17.07	Peak

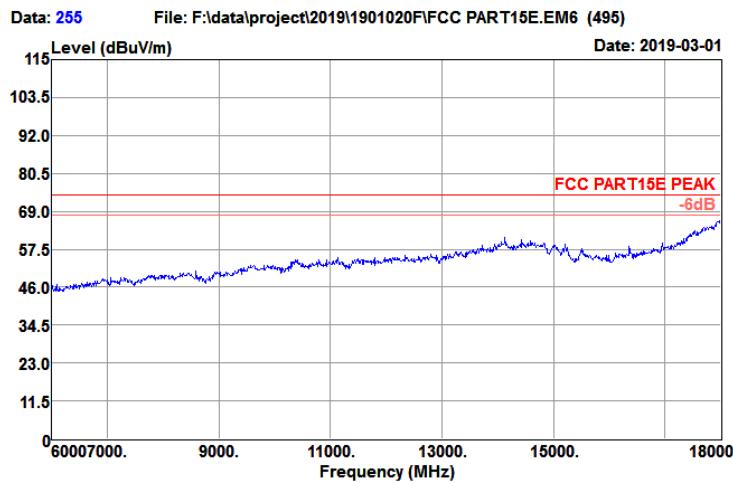
802.11N20 5200MHz

Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH40(5200MHz)		

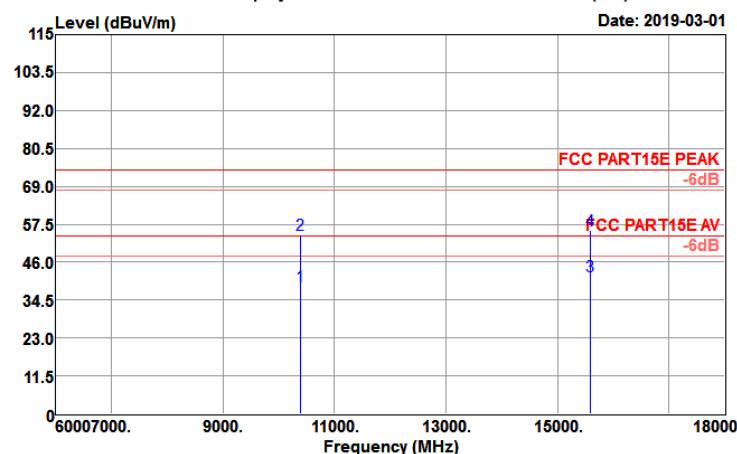


Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH40(5200MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	-----		
EUT	: all in one	Power rating	: AC120V/60Hz
Model No.	-----		
Test Mode	-----		

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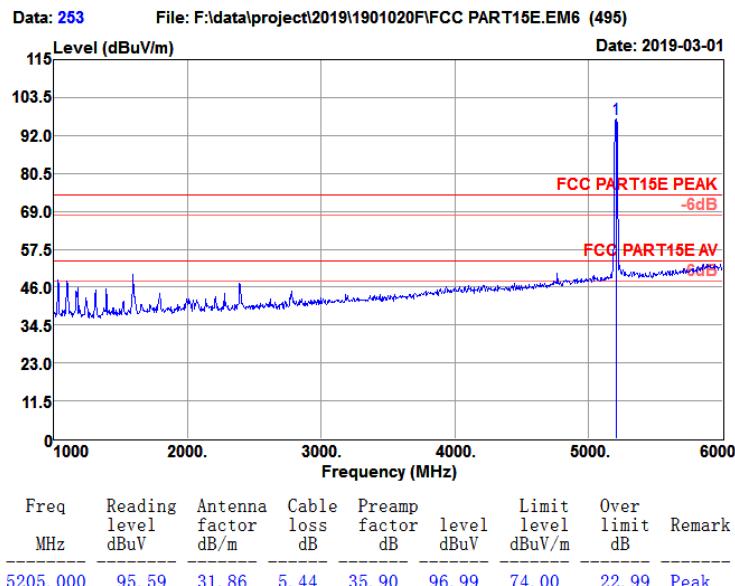


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10400.000	25.46	39.22	8.10	33.95	38.83	54.00	-15.17	Average
10400.000	40.75	39.22	8.10	33.95	54.12	74.00	-19.88	Peak
15600.000	24.88	38.84	9.66	31.59	41.79	54.00	-12.21	Average
15600.000	38.76	38.84	9.66	31.59	55.67	74.00	-18.33	Peak

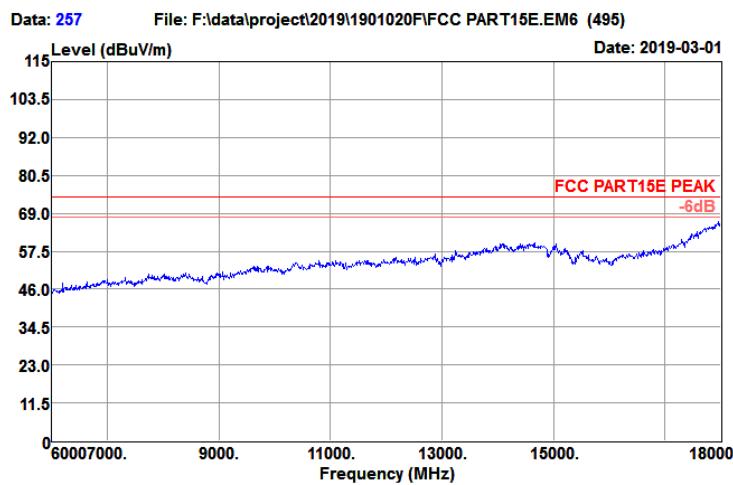
802.11N20 5200MHz

Vertical:

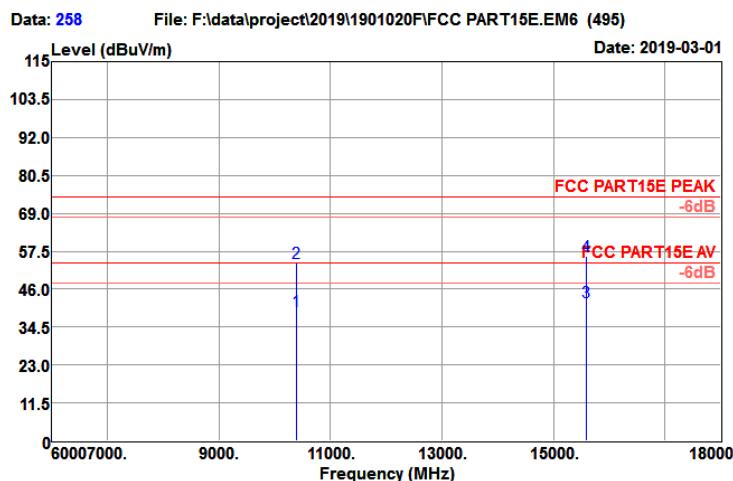
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH40(5200MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH40(5200MHz)  
-----



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH40(5200MHz)  
-----

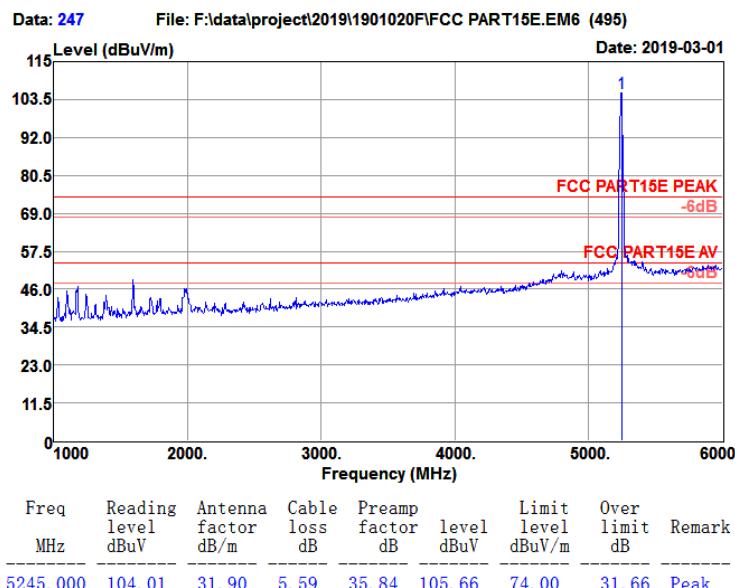


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10400.000	25.94	39.22	8.10	33.95	39.31	54.00	-14.69	Average
10400.000	40.41	39.22	8.10	33.95	53.78	74.00	-20.22	Peak
15600.000	25.09	38.84	9.66	31.59	42.00	54.00	-12.00	Average
15600.000	39.19	38.84	9.66	31.59	56.10	74.00	-17.90	Peak

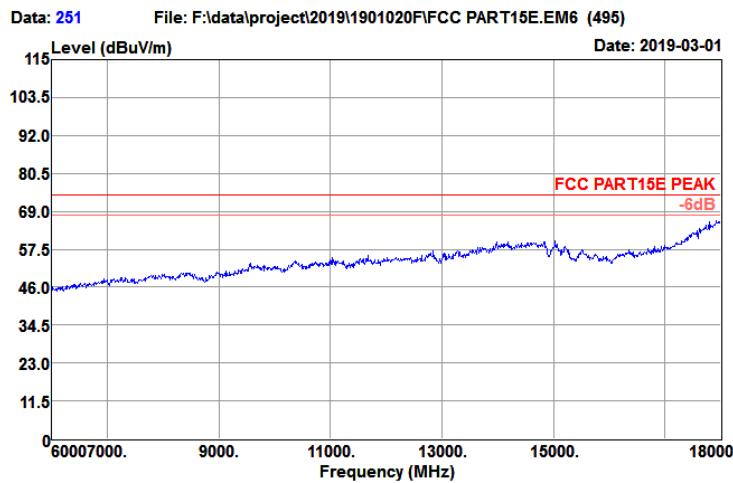
802.11N20 5240MHz

Horizontal:

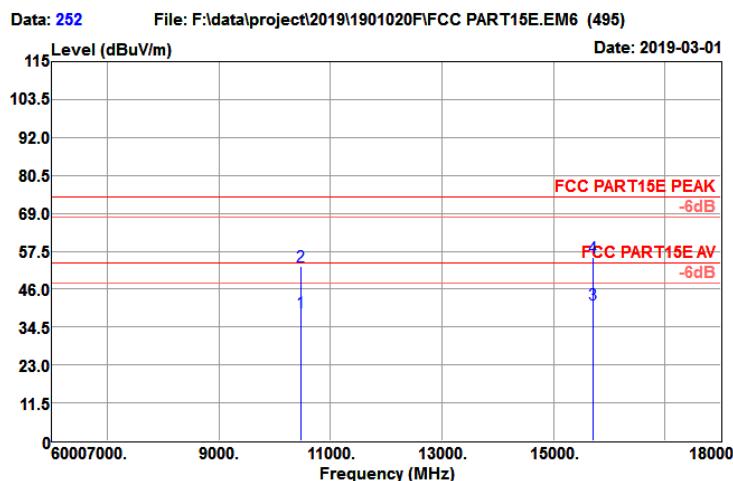
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH48(5240MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH48(5240MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH48(5240MHz)  
-----

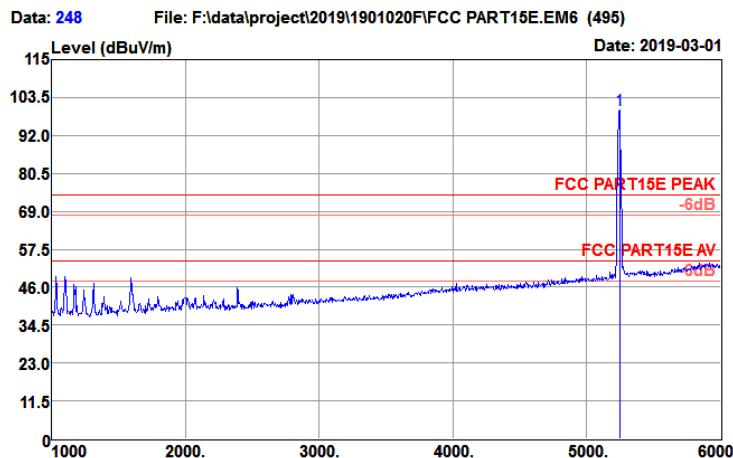


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.49	39.36	8.11	33.88	39.08	54.00	-14.92	Average
10480.000	39.28	39.36	8.11	33.88	52.87	74.00	-21.13	Peak
15720.000	25.01	38.47	9.60	31.54	41.54	54.00	-12.46	Average
15720.000	39.10	38.47	9.60	31.54	55.63	74.00	-18.37	Peak

802.11N20 5240MHz

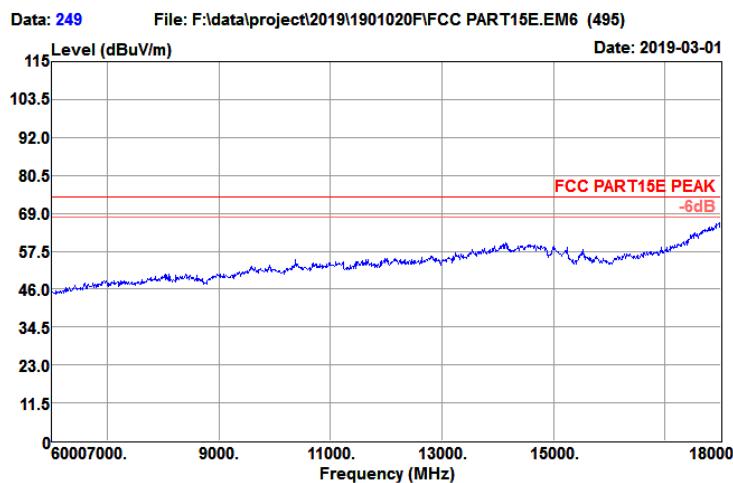
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH48(5240MHz)		

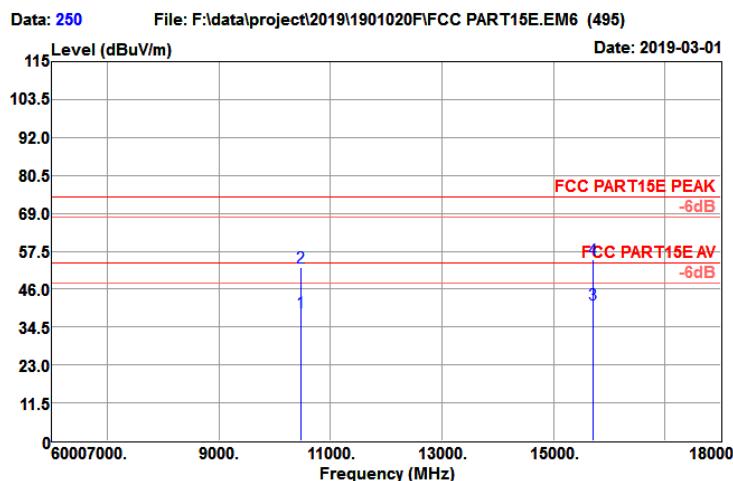


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit dBuV/m	Over limit dB	Remark
5245.000	98.11	31.90	5.59	35.84	99.76	74.00	25.76	Peak

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating:	AC120V/60Hz	-
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			-
Test Mode	:	802.11n HT20 CH48(5240MHz)			-



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH48(5240MHz)		

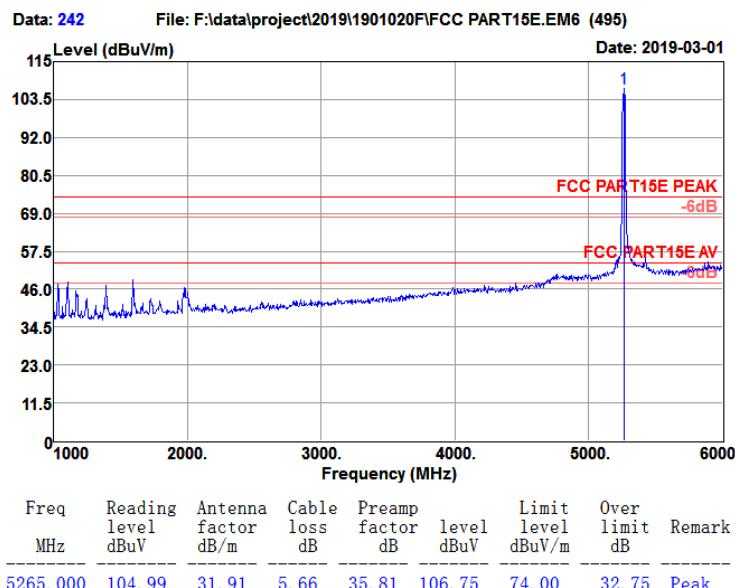


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.48	39.36	8.11	33.88	39.07	54.00	-14.93	Average
10480.000	39.00	39.36	8.11	33.88	52.59	74.00	-21.41	Peak
15720.000	24.86	38.47	9.60	31.54	41.39	54.00	-12.61	Average
15720.000	38.47	38.47	9.60	31.54	55.00	74.00	-19.00	Peak

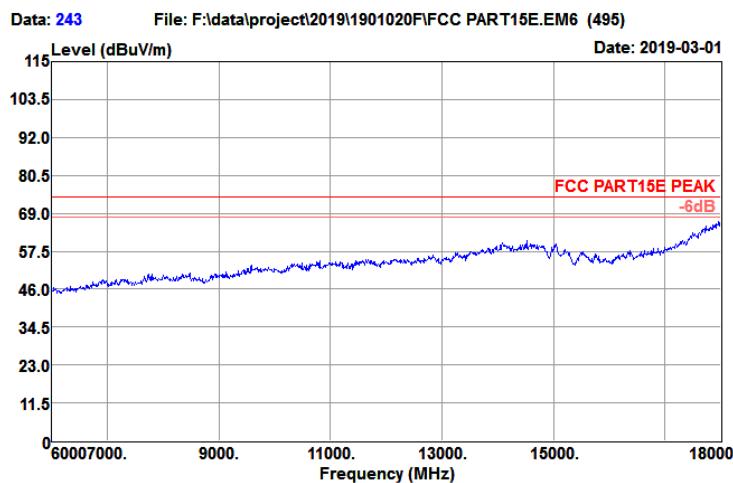
802.11N20 5260MHz

Horizontal:

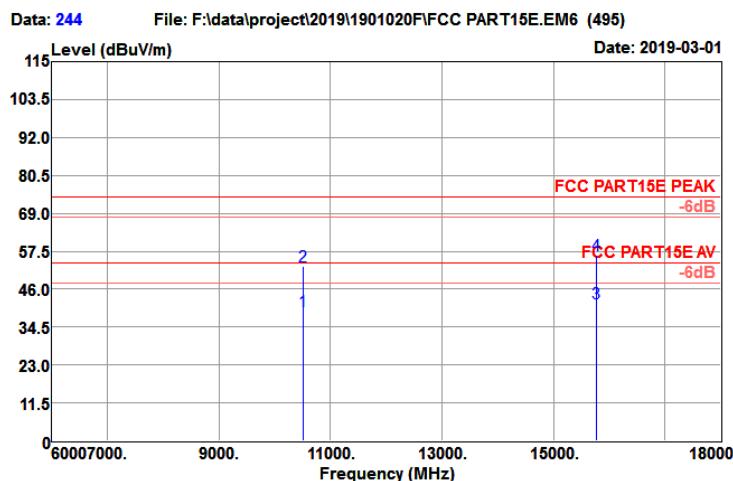
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH52(5260MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH52(5260MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH52(5260MHz)  
-----

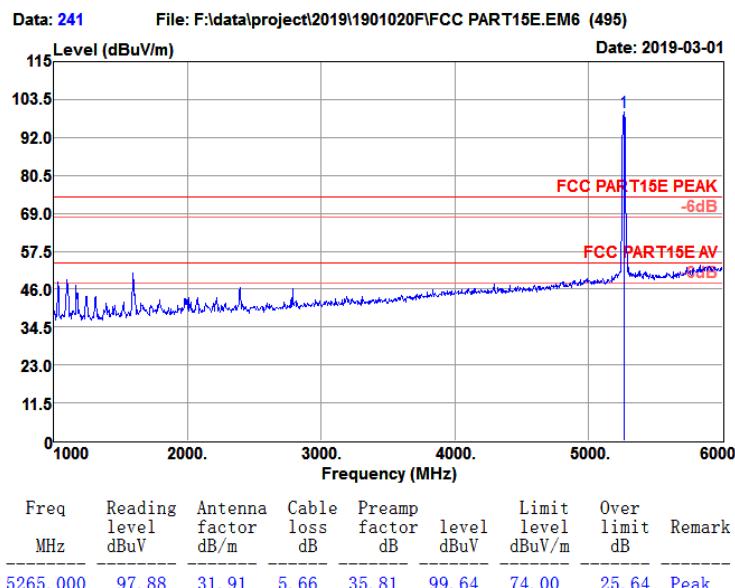


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10520.000	25.76	39.44	8.12	33.85	39.47	54.00	-14.53	Average
10520.000	39.25	39.44	8.12	33.85	52.96	74.00	-21.04	Peak
15780.000	25.34	38.28	9.58	31.51	41.69	54.00	-12.31	Average
15780.000	39.97	38.28	9.58	31.51	56.32	74.00	-17.68	Peak

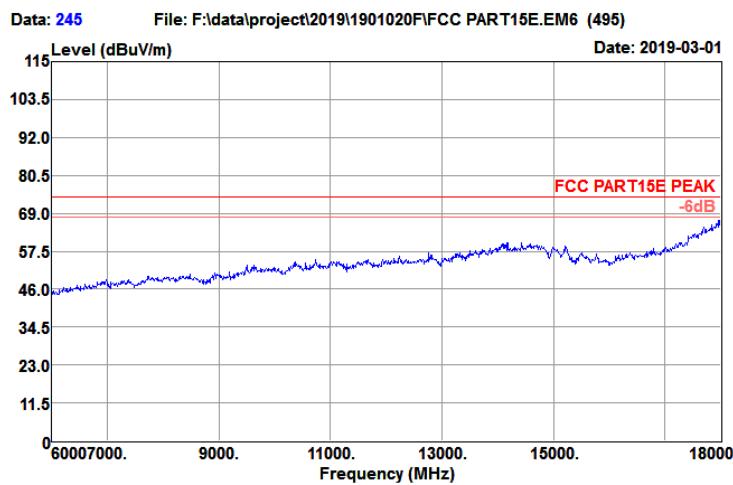
802.11N20 5260MHz

Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH52(5260MHz)		

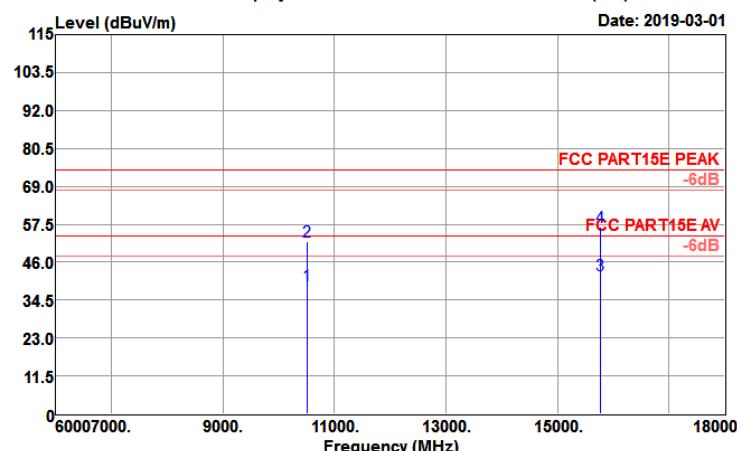


Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH52(5260MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH52(5260MHz)		

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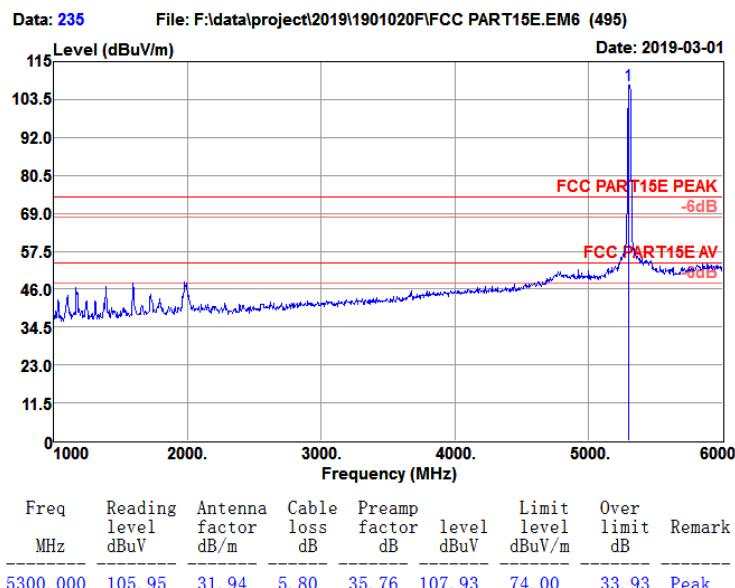


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10520.000	25.18	39.44	8.12	33.85	38.89	54.00	-15.11	Average
10520.000	38.40	39.44	8.12	33.85	52.11	74.00	-21.89	Peak
15780.000	25.66	38.28	9.58	31.51	42.01	54.00	-11.99	Average
15780.000	40.15	38.28	9.58	31.51	56.50	74.00	-17.50	Peak

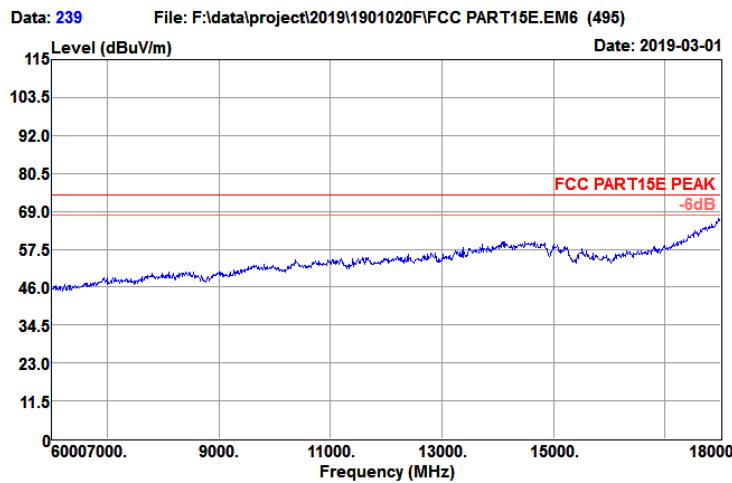
802.11N20 5300MHz

Horizontal:

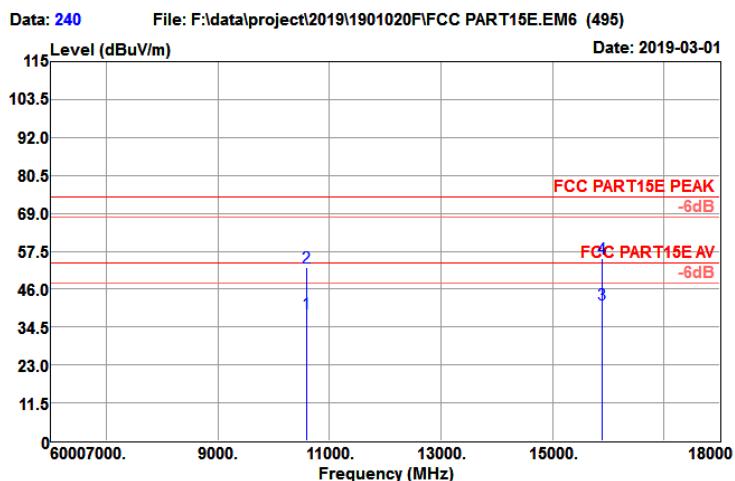
Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH60(5300MHz)			



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH60(5300MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	Damon	Power rating	: AC120V/60Hz
EUT	all in one	Pol/Phase	: HORIZONTAL
Model No.	GK-MWZE501		
Test Mode	802.11n HT20 CH60(5300MHz)		

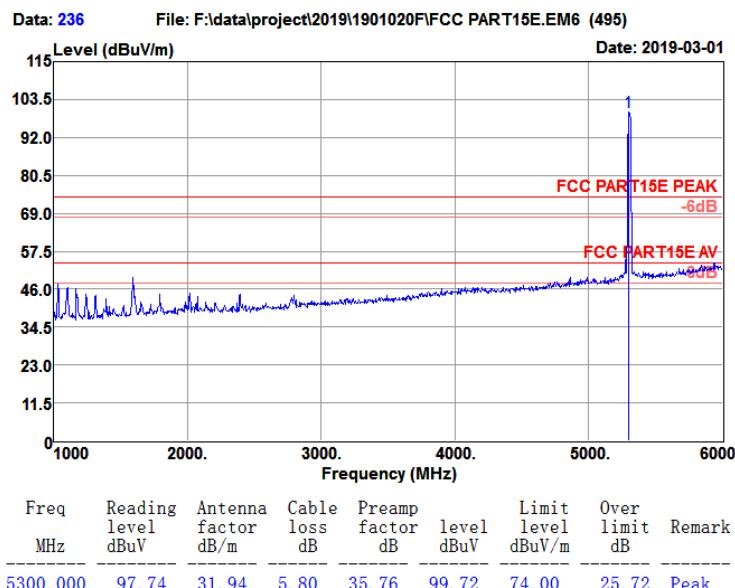


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10600.000	24.72	39.58	8.17	33.78	38.69	54.00	-15.31	Average
10600.000	38.48	39.58	8.17	33.78	52.45	74.00	-21.55	Peak
15900.000	25.29	37.91	9.52	31.45	41.27	54.00	-12.73	Average
15900.000	39.41	37.91	9.52	31.45	55.39	74.00	-18.61	Peak

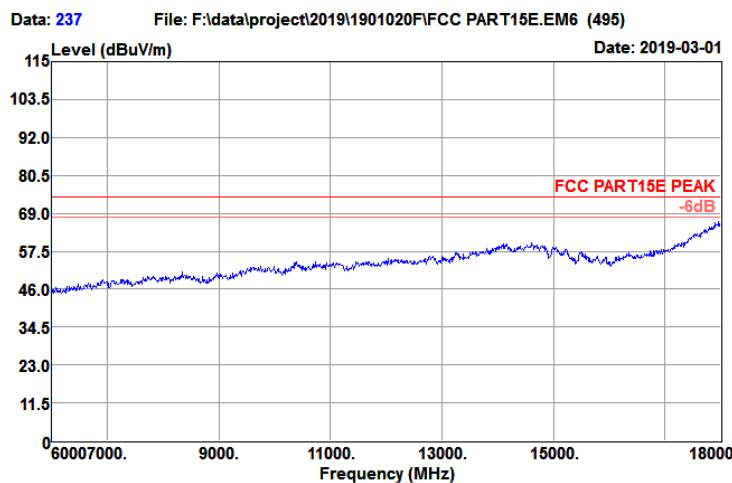
802.11N20 5300MHz

Vertical:

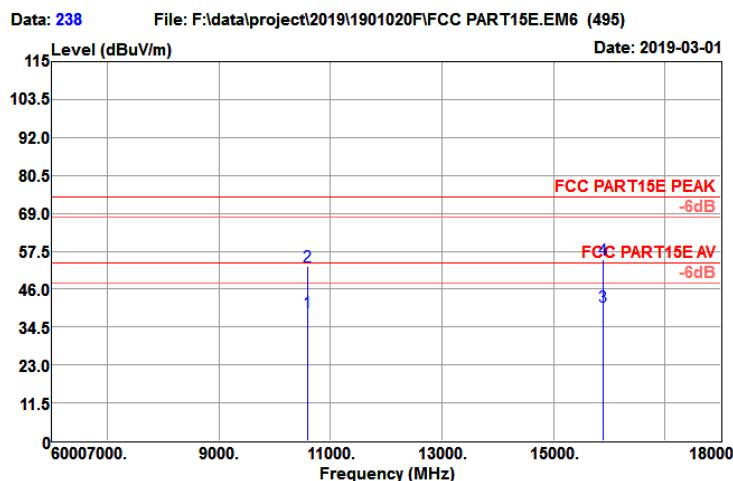
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH60(5300MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH60(5300MHz)		



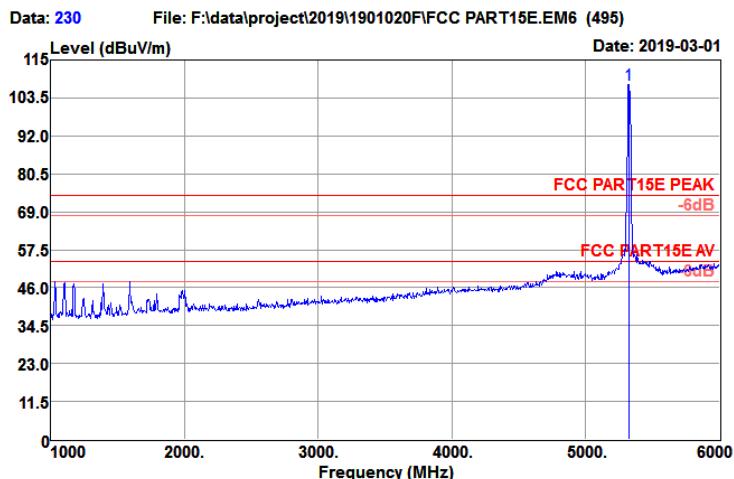
Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : VERTICAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH60(5300MHz)  
 -----



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10600.000	25.06	39.58	8.17	33.78	39.03	54.00	-14.97	Average
10600.000	38.92	39.58	8.17	33.78	52.89	74.00	-21.11	Peak
15900.000	24.85	37.91	9.52	31.45	40.83	54.00	-13.17	Average
15900.000	38.99	37.91	9.52	31.45	54.97	74.00	-19.03	Peak

802.11N20 5320MHz

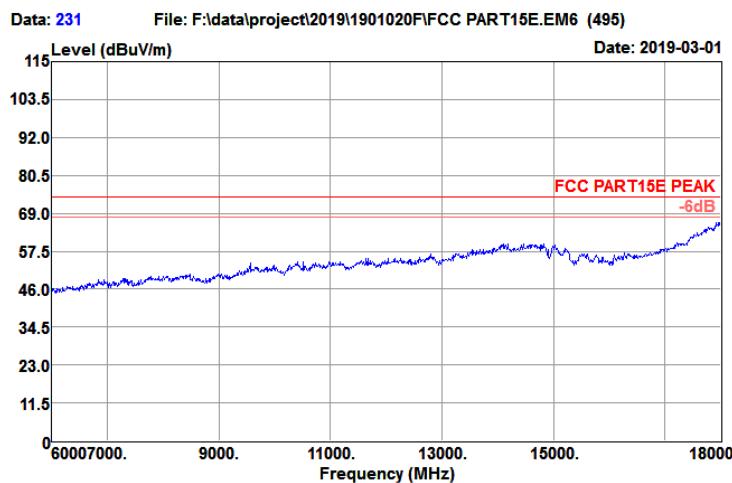
Test Site	:	3m Chamber	Temp/Humi	:	19°C /63%
Tested by	:	Damon	Power rating:	AC120V/60Hz	
EUT	:	all in one	Pol/Phase	:	HORIZONTAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH64(5320MHz)			



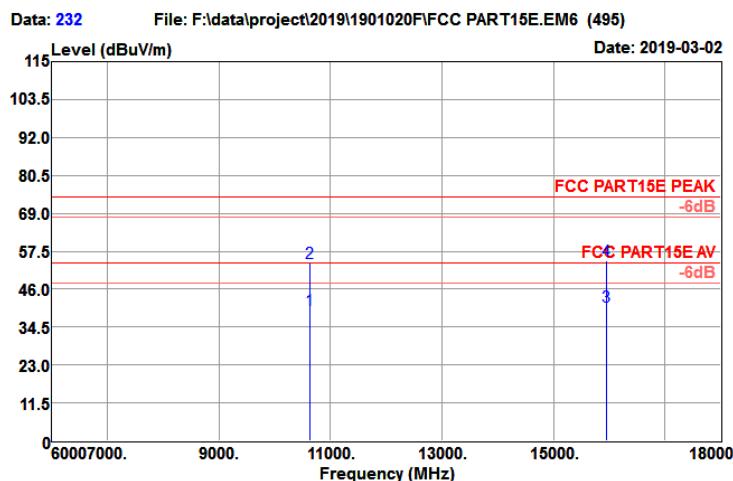
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5320.000	105.61	31.96	5.87	35.73	107.71	74.00	33.71	Peak

Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH64(5320MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH64(5320MHz)  
-----

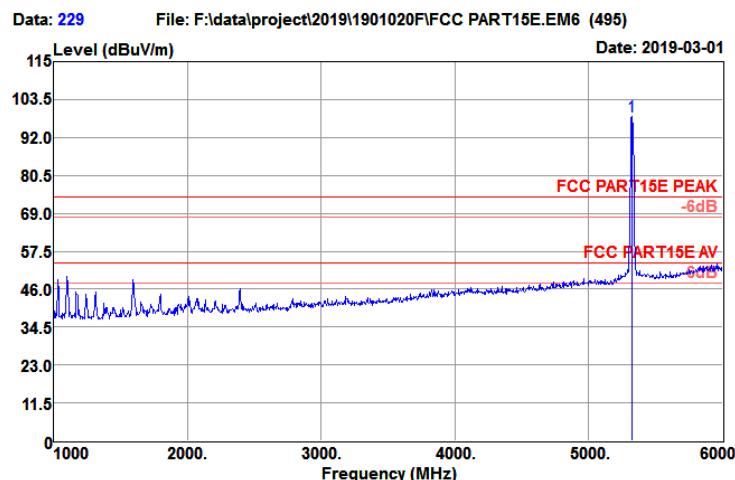


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10640.000	25.46	39.65	8.19	33.74	39.56	54.00	-14.44	Average
10640.000	39.73	39.65	8.19	33.74	53.83	74.00	-20.17	Peak
15960.000	24.84	37.72	9.50	31.43	40.63	54.00	-13.37	Average
15960.000	38.90	37.72	9.50	31.43	54.69	74.00	-19.31	Peak

802.11N20 5320MHz

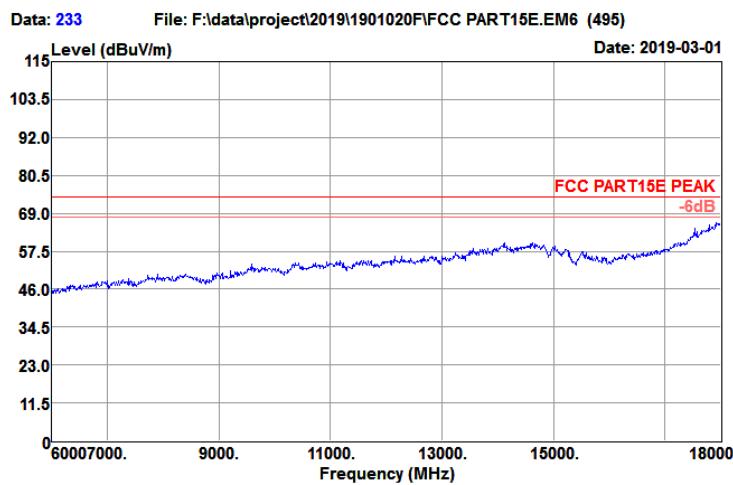
Vertical:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH64(5320MHz)		

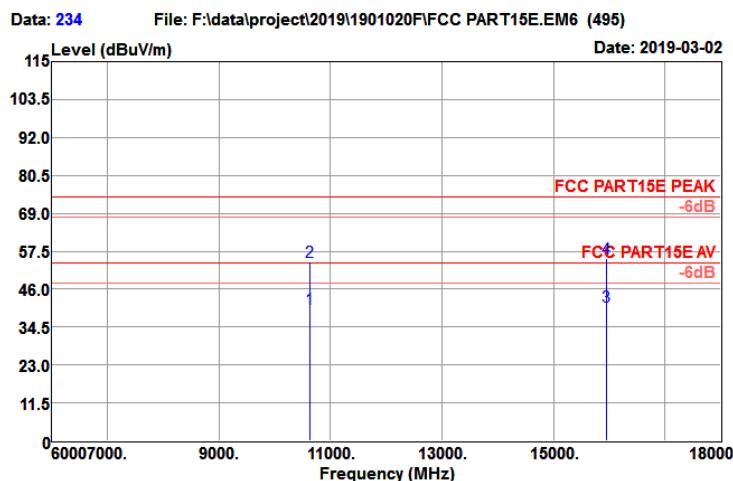


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit dBuV/m	Over limit dB	Remark
5325.000	96.29	31.96	5.89	35.72	98.42	74.00	24.42	Peak

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH64(5320MHz)		



Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH64(5320MHz)		

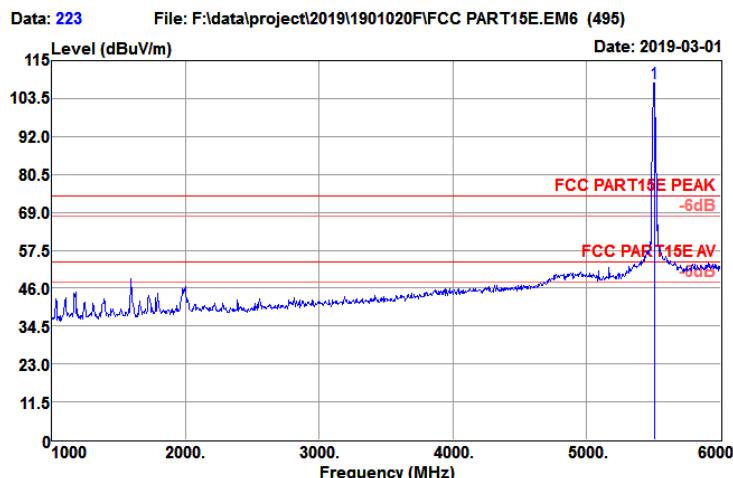


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
10640.000	25.82	39.65	8.19	33.74	39.92	54.00	-14.08	Average
10640.000	40.29	39.65	8.19	33.74	54.39	74.00	-19.61	Peak
15960.000	25.03	37.72	9.50	31.43	40.82	54.00	-13.18	Average
15960.000	39.61	37.72	9.50	31.43	55.40	74.00	-18.60	Peak

802.11N20 5500MHz

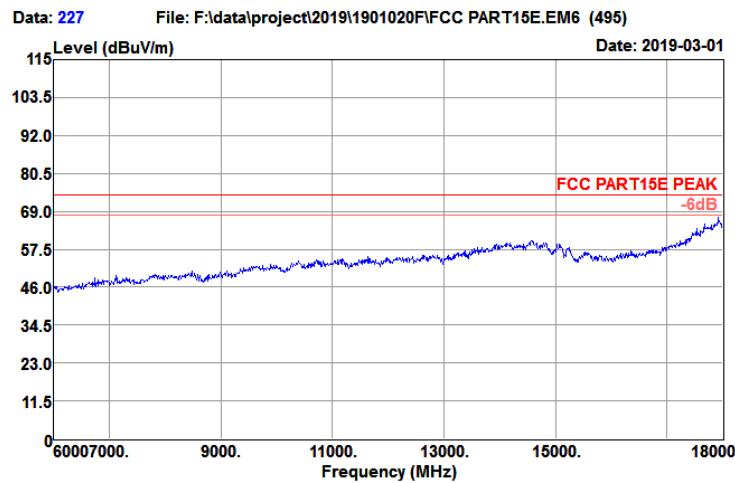
Horizontal:

Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH100(5500MHz)		

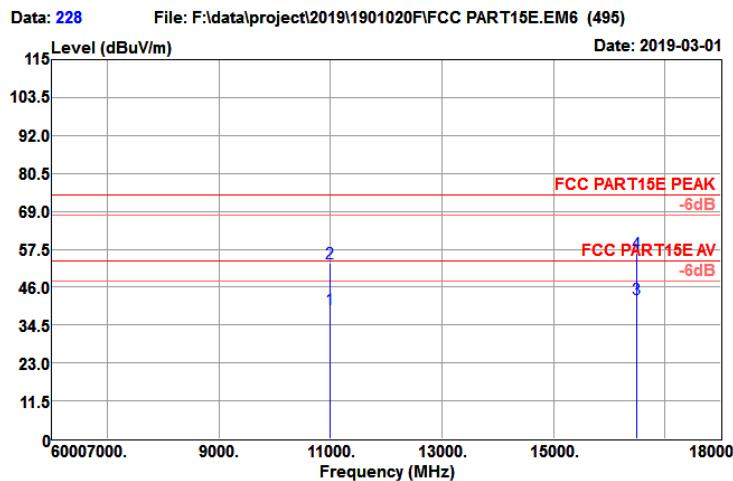


Freq MHz	Reading dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5505.000	105.41	32.10	6.21	35.45	108.27	74.00	34.27	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH100(5500MHz)  
-----



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon Power rating: AC120V/60Hz  
 -----  
 EUT : all in one Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH100(5500MHz)  
 -----

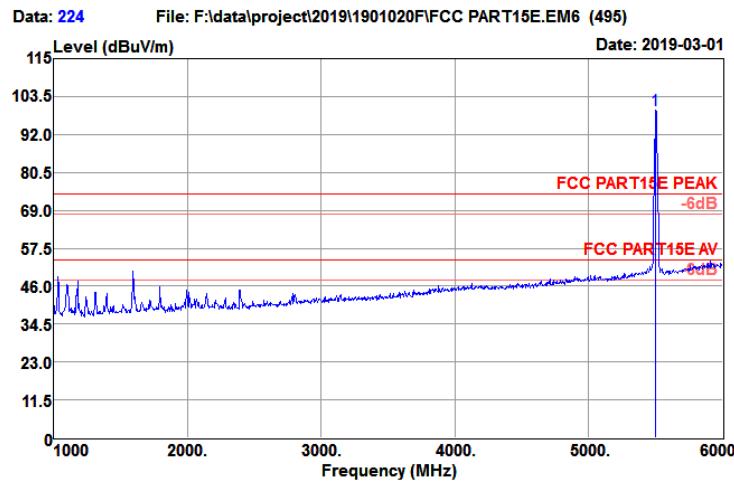


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.12	40.30	8.39	33.43	39.38	54.00	-14.62	Average
11000.000	37.89	40.30	8.39	33.43	53.15	74.00	-20.85	Peak
16500.000	24.53	39.55	9.42	31.07	42.43	54.00	-11.57	Average
16500.000	38.44	39.55	9.42	31.07	56.34	74.00	-17.66	Peak

802.11N20 5500MHz

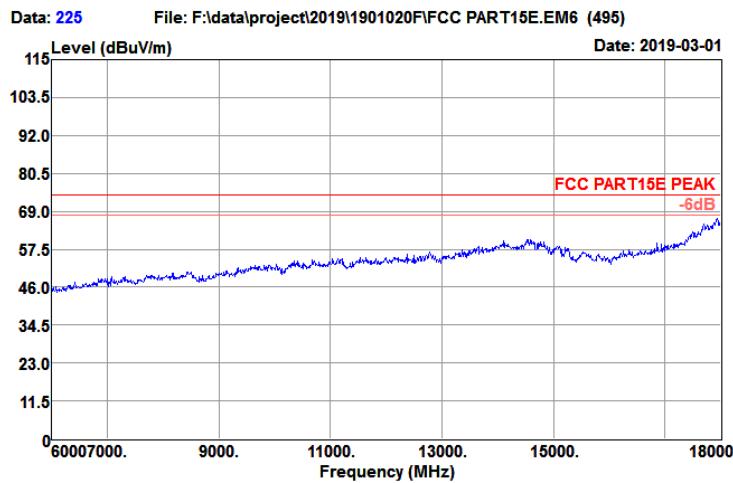
Vertical:

Test Site	:	3m Chamber	Temp/Humi	:	19°C/63%
Tested by	:	Damon	Power rating	:	AC120V/60Hz
EUT	:	all in one	Pol/Phase	:	VERTICAL
Model No.	:	GK-MWZE501			
Test Mode	:	802.11n HT20 CH100(5500MHz)			

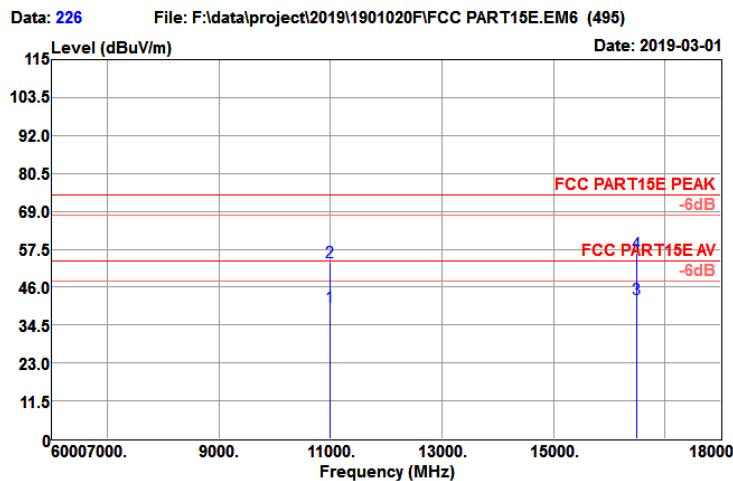


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5500.000	96.40	32.10	6.20	35.46	99.24	74.00	25.24	Peak

Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH100(5500MHz)  
-----



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : VERTICAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH100(5500MHz)  
-----

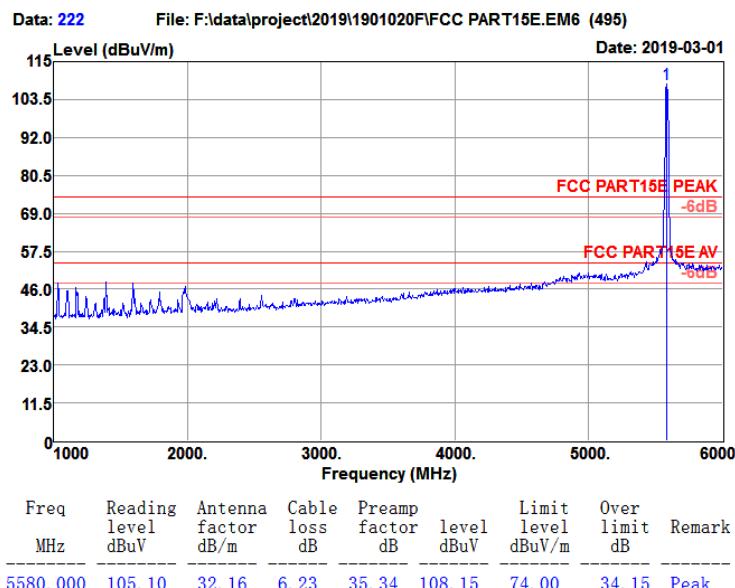


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Preamp level dBuV	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.69	40.30	8.39	33.43	39.95	54.00	-14.05	Average
11000.000	38.47	40.30	8.39	33.43	53.73	74.00	-20.27	Peak
16500.000	24.36	39.55	9.42	31.07	42.26	54.00	-11.74	Average
16500.000	38.43	39.55	9.42	31.07	56.33	74.00	-17.67	Peak

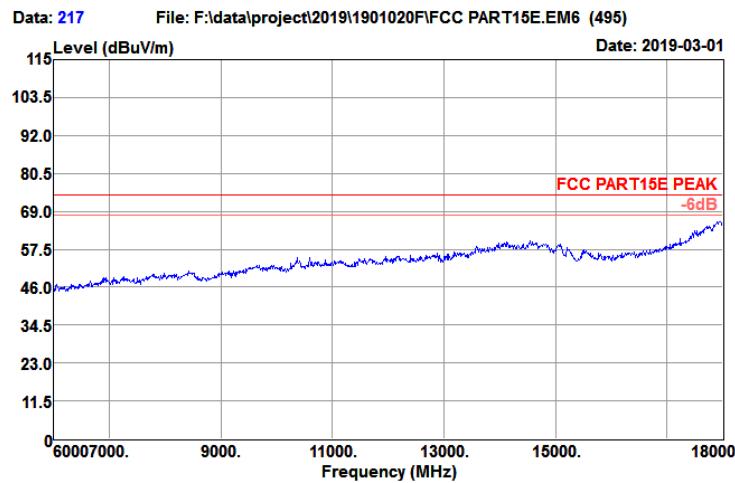
802.11N20 5580MHz

Horizontal:

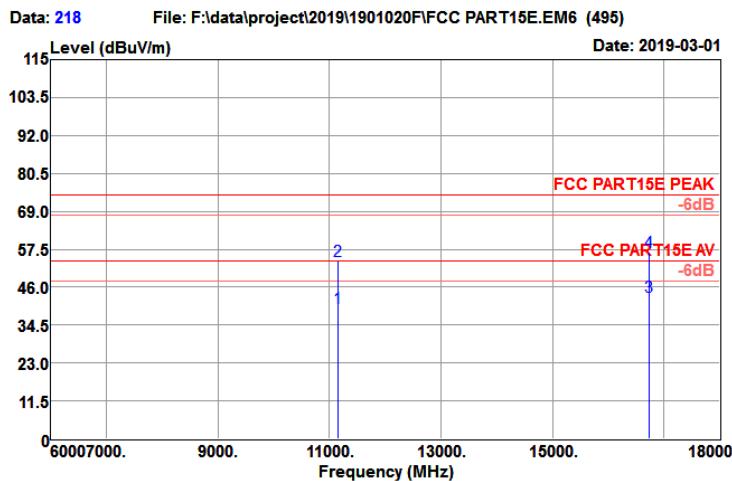
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH116(5580MHz)		



Test Site : 3m Chamber Temp/Humi : 19°C/63%  
-----  
Tested by : Damon Power rating: AC120V/60Hz  
-----  
EUT : all in one Pol/Phase : HORIZONTAL  
-----  
Model No. : GK-MWZE501  
-----  
Test Mode : 802.11n HT20 CH116(5580MHz)  
-----



Test Site : 3m Chamber                      Temp/Humi : 19°C/63%  
 -----  
 Tested by : Damon                              Power rating: AC120V/60Hz  
 -----  
 EUT : all in one                              Pol/Phase : HORIZONTAL  
 -----  
 Model No. : GK-MWZE501  
 -----  
 Test Mode : 802.11n HT20 CH116(5580MHz)



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.36	40.17	8.50	33.29	39.74	54.00	-14.26	Average
11160.000	38.56	40.17	8.50	33.29	53.94	74.00	-20.06	Peak
16740.000	24.15	40.49	9.42	30.90	43.16	54.00	-10.84	Average
16740.000	37.62	40.49	9.42	30.90	56.63	74.00	-17.37	Peak