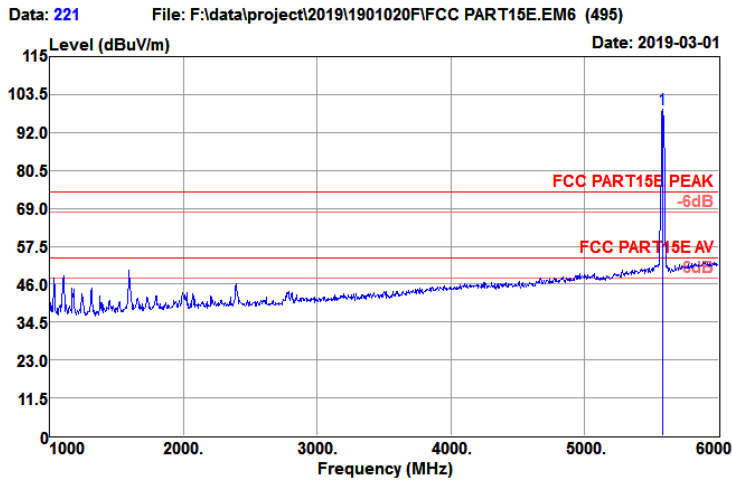


802.11N20 5580MHz

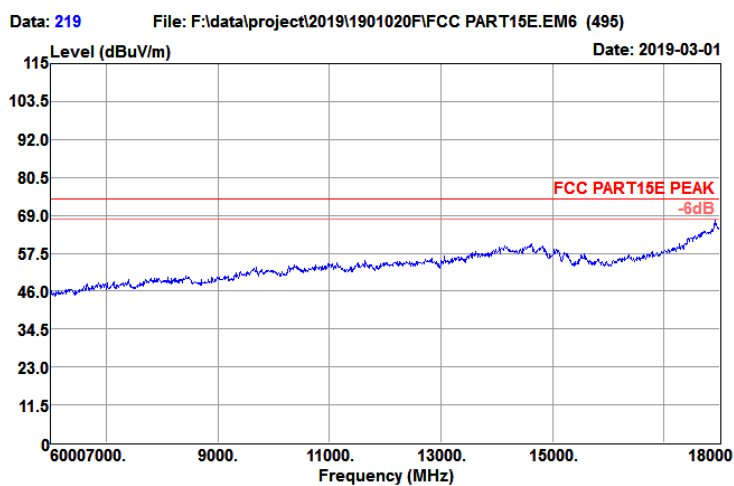
Vertical:

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	: 802.11n HT20 CH116(5580MHz)		



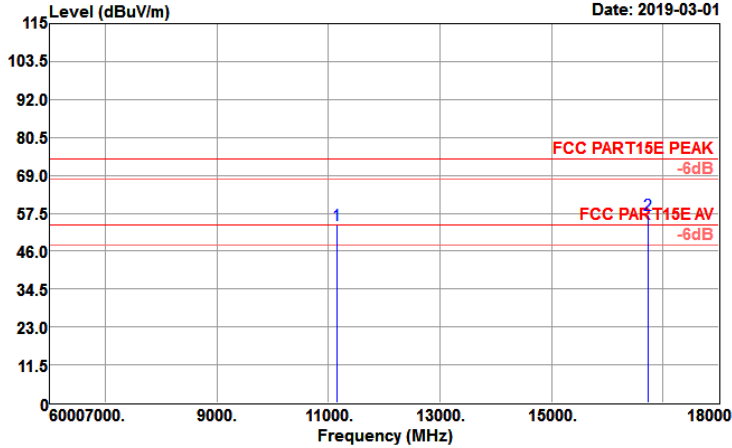
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5580.000	95.93	32.16	6.23	35.34	98.98	74.00	24.98	Peak

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 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	: 802.11n HT20 CH116(5580MHz)		

Data: 220 File: F:\data\project\2019\1901020\F\CC PART15E.EM6 (495) Date: 2019-03-01

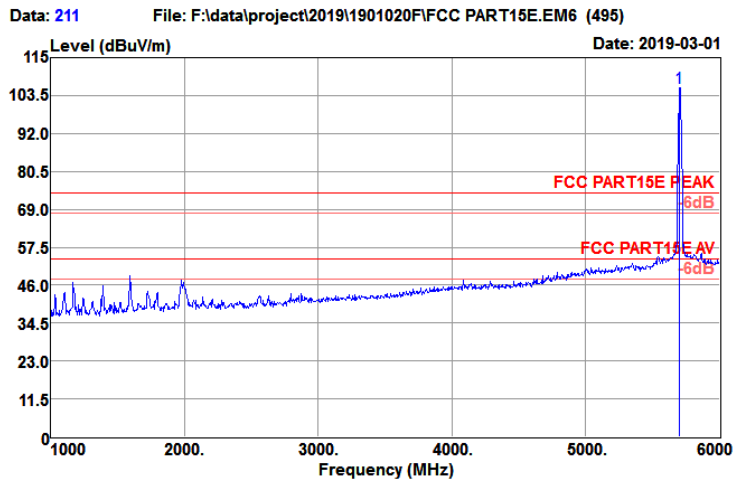


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11160.000	38.63	40.17	8.50	33.29	54.01	74.00	-19.99	Peak
16740.000	37.92	40.49	9.42	30.90	56.93	74.00	-17.07	Peak

802.11N20 5700MHz

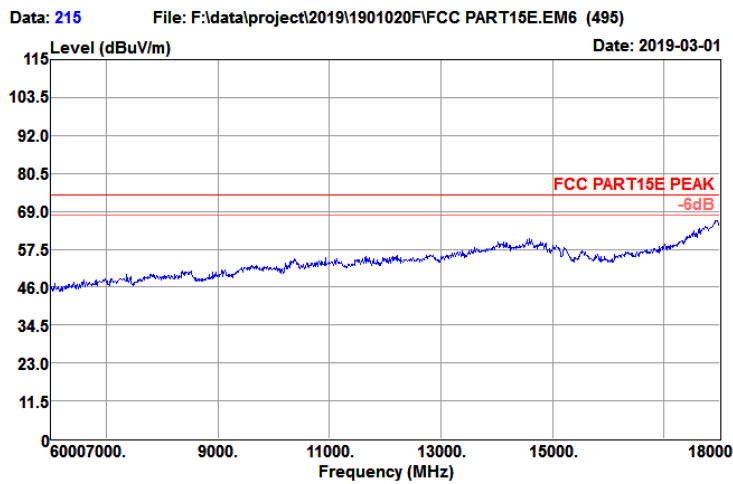
Horizontal:

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)		

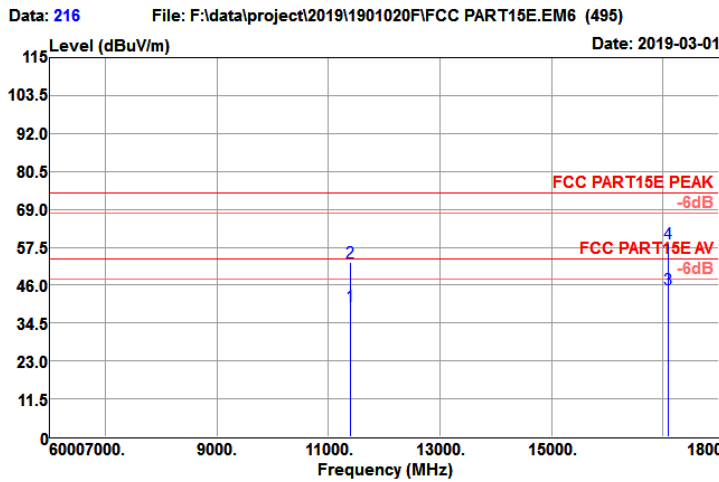


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5700.000	102.47	32.26	6.39	35.16	105.96	74.00	31.96	Peak

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	: 802.11n 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)		

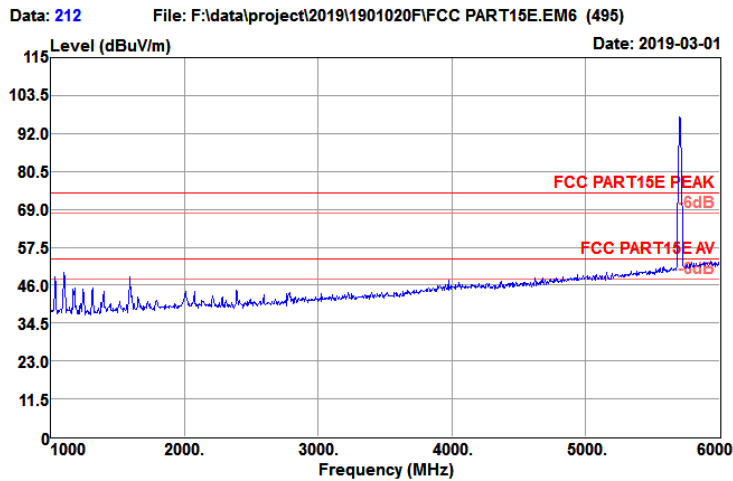


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11400.000	24.25	39.98	8.66	33.08	39.81	54.00	-14.19	Average
11400.000	37.41	39.98	8.66	33.08	52.97	74.00	-21.03	Peak
17100.000	23.86	42.21	9.44	30.65	44.86	54.00	-9.14	Average
17100.000	37.86	42.21	9.44	30.65	58.86	74.00	-15.14	Peak

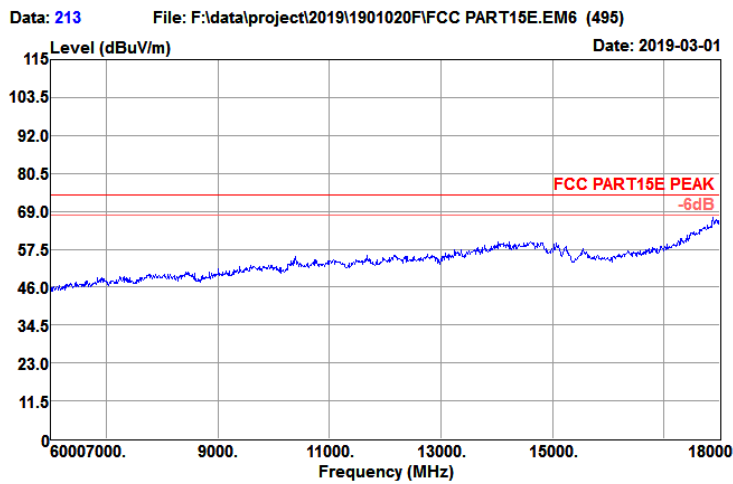
802.11N20 5700MHz

Vertical:

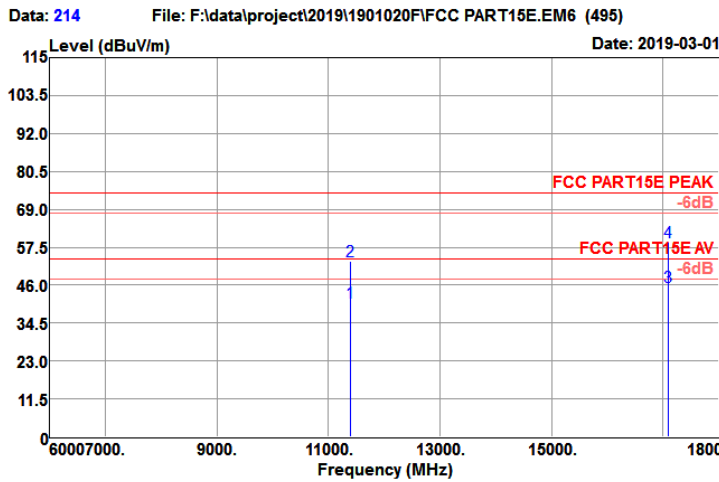
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating:	AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH140(5700MHz)		



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)		



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)		

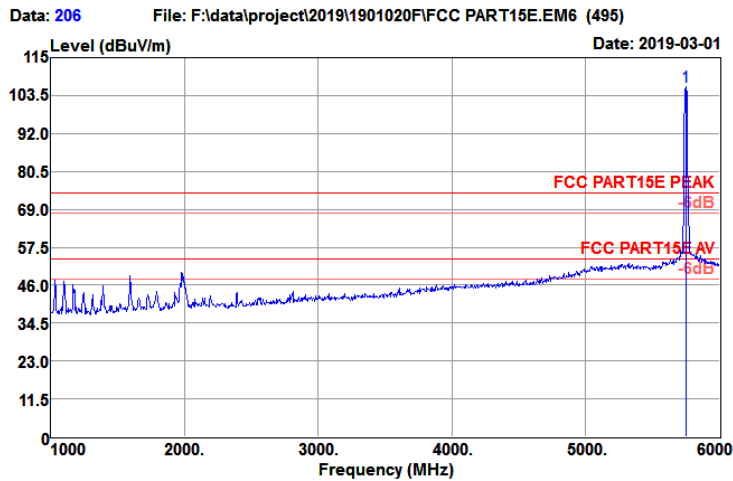


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11400.000	25.31	39.98	8.66	33.08	40.87	54.00	-13.13	Average
11400.000	37.78	39.98	8.66	33.08	53.34	74.00	-20.66	Peak
17100.000	24.63	42.21	9.44	30.65	45.63	54.00	-8.37	Average
17100.000	38.13	42.21	9.44	30.65	59.13	74.00	-14.87	Peak

802.11N20 5745MHz

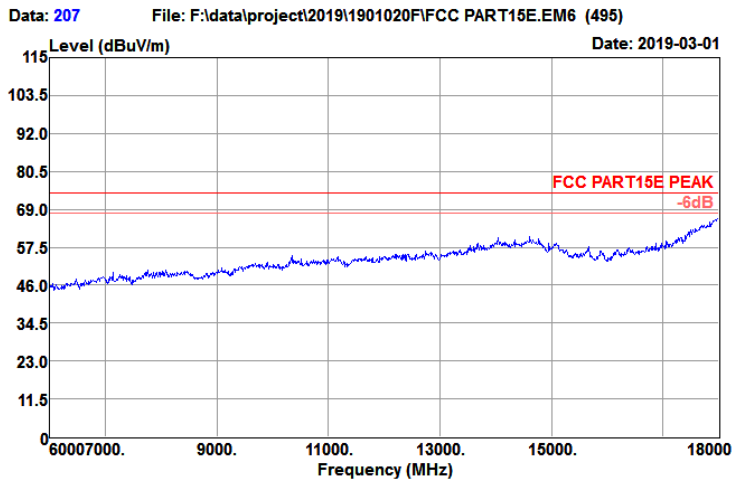
Horizontal:

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)		

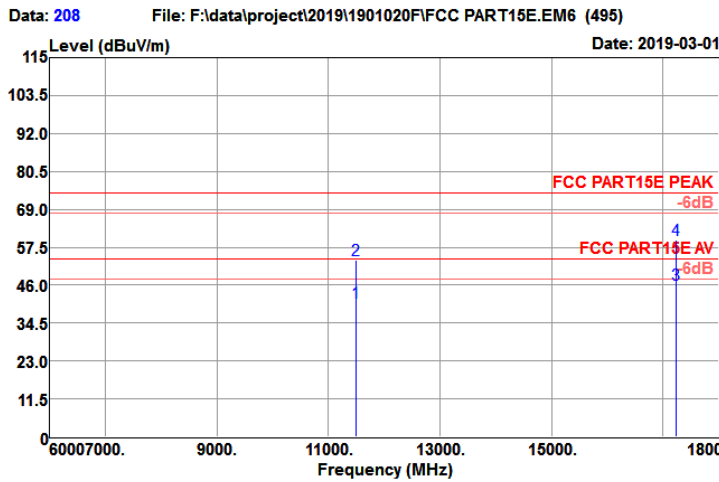


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5745.000	102.59	32.30	6.45	35.10	106.24	74.00	32.24	Peak

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 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)		

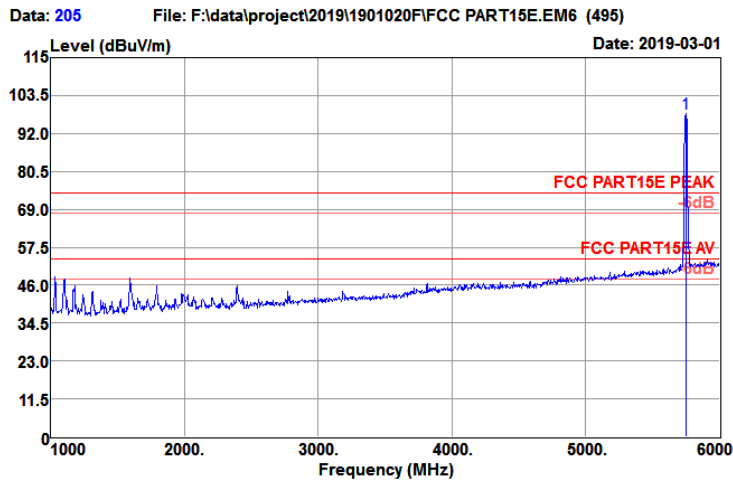


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11490.000	25.03	39.91	8.72	33.00	40.66	54.00	-13.34	Average
11490.000	38.06	39.91	8.72	33.00	53.69	74.00	-20.31	Peak
17235.000	24.06	43.17	9.48	30.56	46.15	54.00	-7.85	Average
17235.000	37.67	43.17	9.48	30.56	59.76	74.00	-14.24	Peak

802.11N20 5745MHz

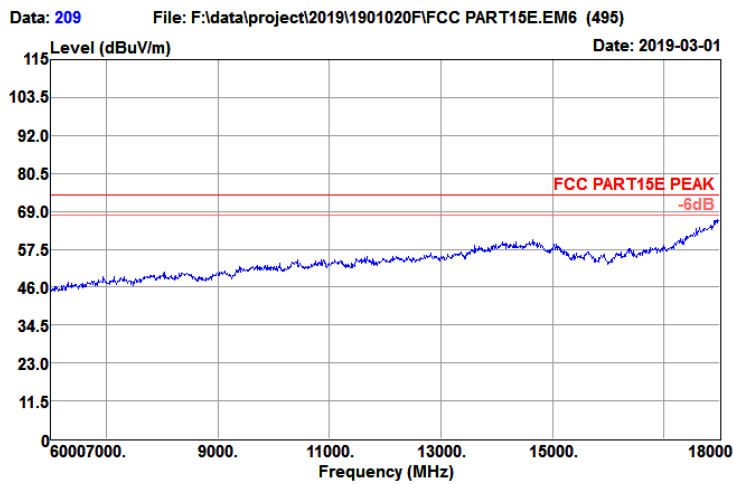
Vertical:

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)		



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	94.30	32.30	6.45	35.10	97.95	74.00	23.95	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 HT20 CH149(5745MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

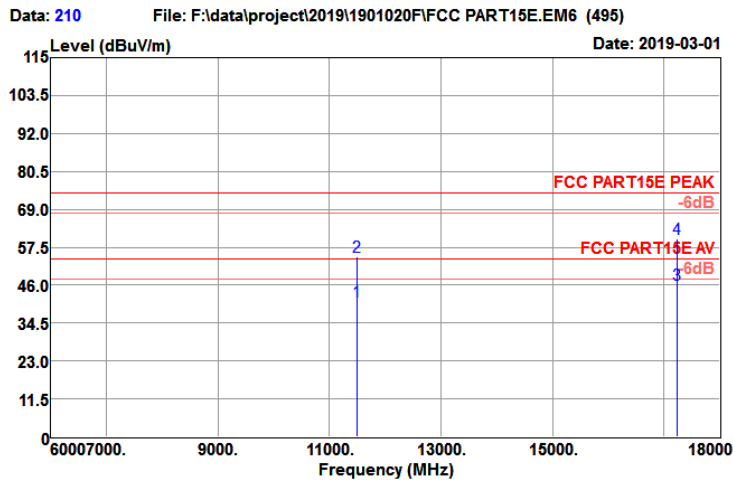
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11n HT20 CH149(5745MHz)

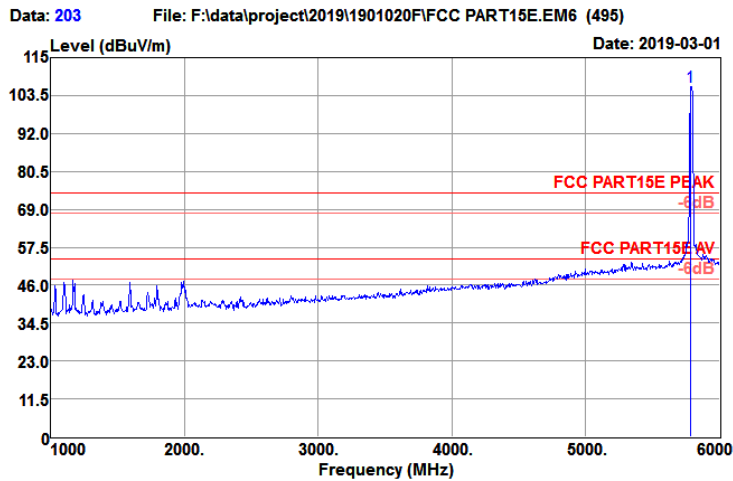


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11490.000	25.36	39.91	8.72	33.00	40.99	54.00	-13.01	Average
11490.000	39.16	39.91	8.72	33.00	54.79	74.00	-19.21	Peak
17235.000	24.19	43.17	9.48	30.56	46.28	54.00	-7.72	Average
17235.000	37.88	43.17	9.48	30.56	59.97	74.00	-14.03	Peak

802.11N20 5785MHz

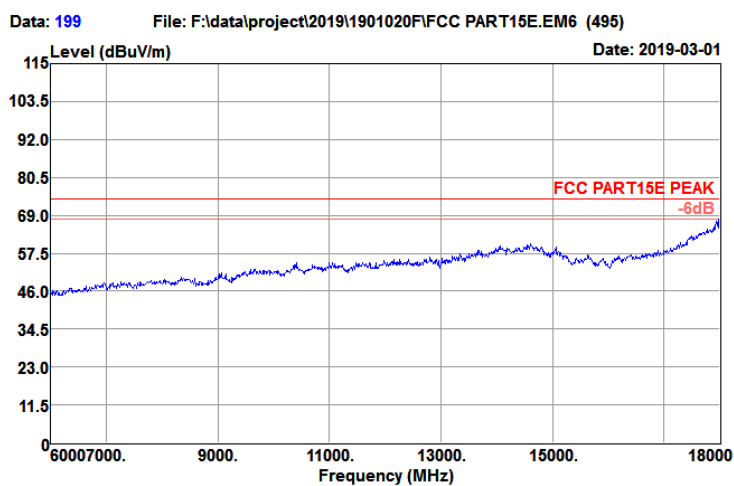
Horizontal:

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	: 802.11n HT20 CH157(5785MHz)		

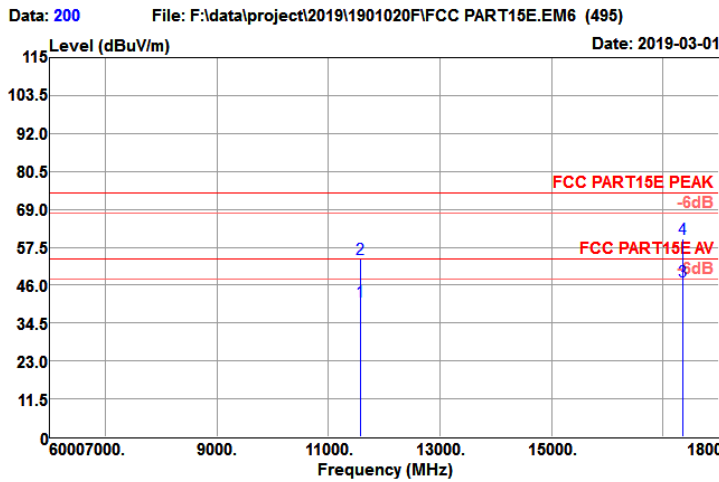


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5785.000	102.42	32.33	6.51	35.04	106.22	74.00	32.22	Peak

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 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	: 802.11n HT20 CH157(5785MHz)		

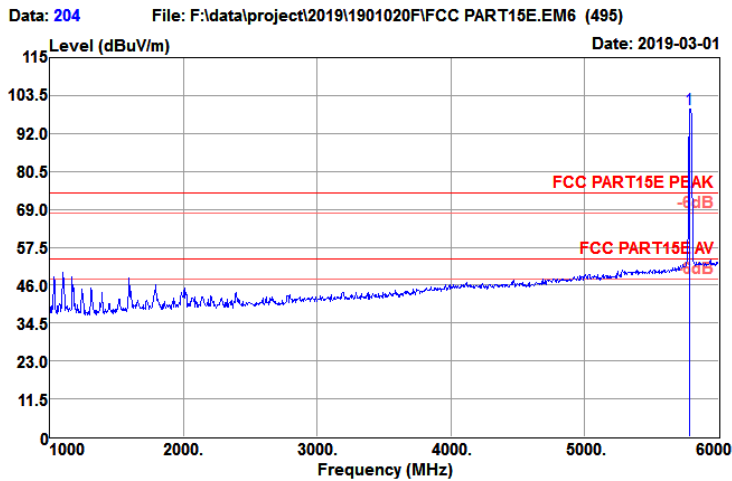


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.36	39.84	8.74	32.93	41.01	54.00	-12.99	Average
11570.000	38.20	39.84	8.74	32.93	53.85	74.00	-20.15	Peak
17355.000	24.13	44.02	9.52	30.48	47.19	54.00	-6.81	Average
17355.000	37.14	44.02	9.52	30.48	60.20	74.00	-13.80	Peak

802.11N20 5785MHz

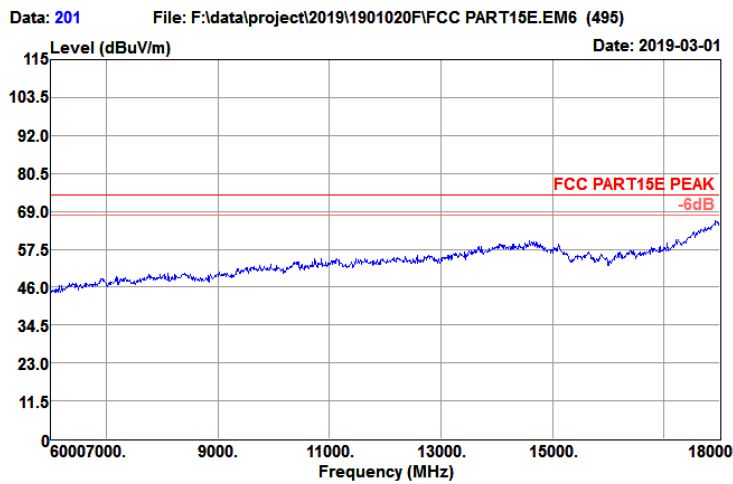
Vertical:

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	: 802.11n HT20 CH157(5785MHz)		

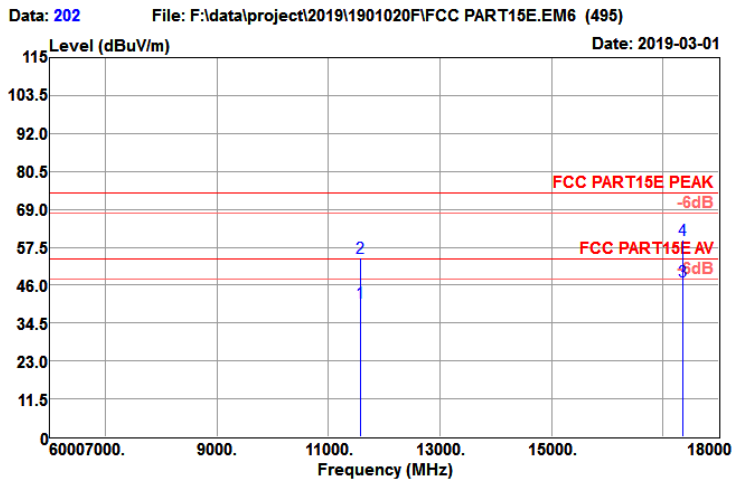


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5785.000	95.65	32.33	6.51	35.04	99.45	74.00	25.45	Peak

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 HT20 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	: 802.11n HT20 CH157(5785MHz)		

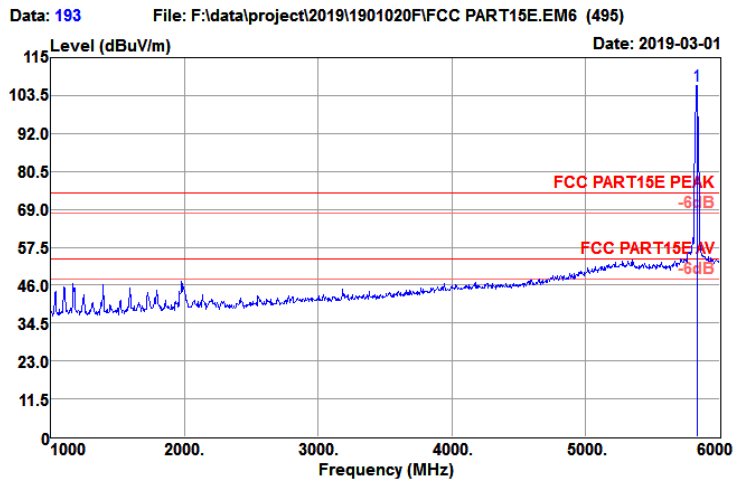


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.02	39.84	8.74	32.93	40.67	54.00	-13.33	Average
11570.000	38.75	39.84	8.74	32.93	54.40	74.00	-19.60	Peak
17355.000	23.96	44.02	9.52	30.48	47.02	54.00	-6.98	Average
17355.000	36.60	44.02	9.52	30.48	59.66	74.00	-14.34	Peak

802.11N20 5825MHz

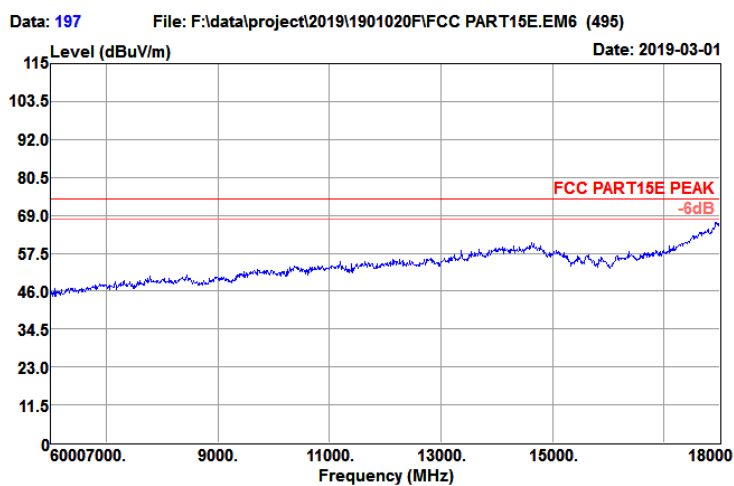
Horizontal:

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)		

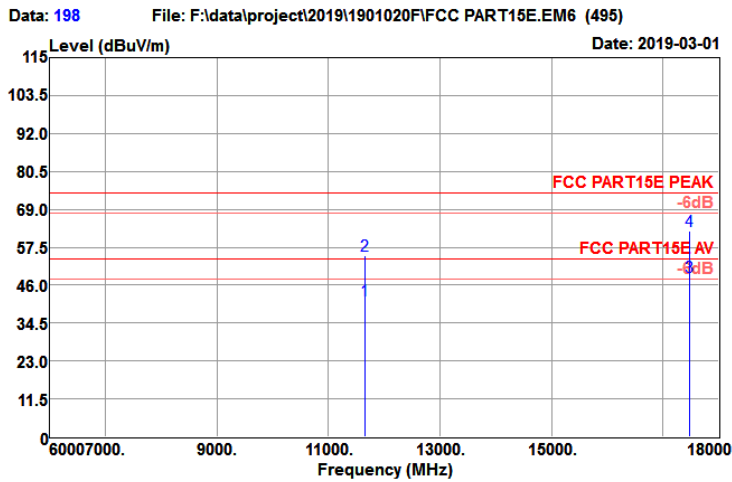


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5830.000	102.78	32.36	6.53	34.97	106.70	74.00	32.70	Peak

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)		



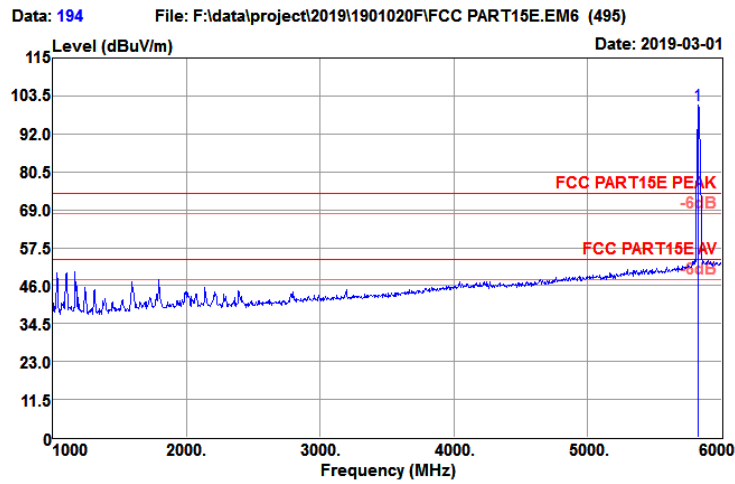
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH165(5825MHz)		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.78	39.78	8.75	32.86	41.45	54.00	-12.55	Average
11650.000	39.15	39.78	8.75	32.86	54.82	74.00	-19.18	Peak
17475.000	24.36	44.87	9.55	30.39	48.39	54.00	-5.61	Average
17475.000	38.37	44.87	9.55	30.39	62.40	74.00	-11.60	Peak

802.11N20 5825MHz

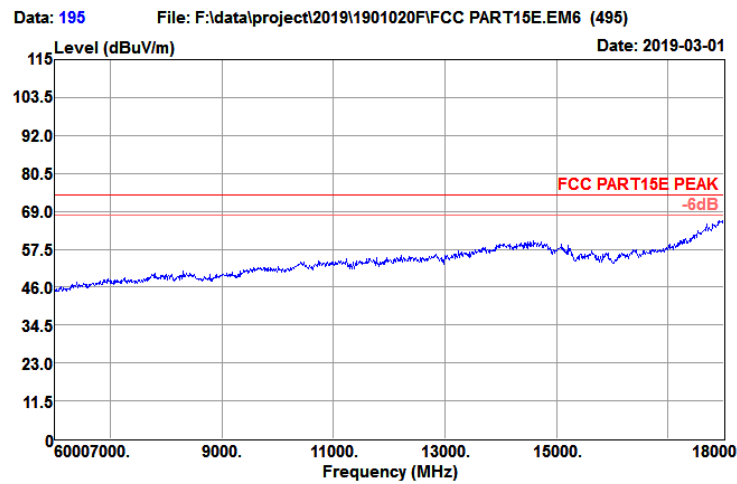
Test Site	: 3m Chamber	Temp/Humi	: 19°C/63%
Tested by	: Damon	Power rating	: AC120V/60Hz
EUT	: all in one	Pol/Phase	: VERTICAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11n HT20 CH165(5825MHz)		



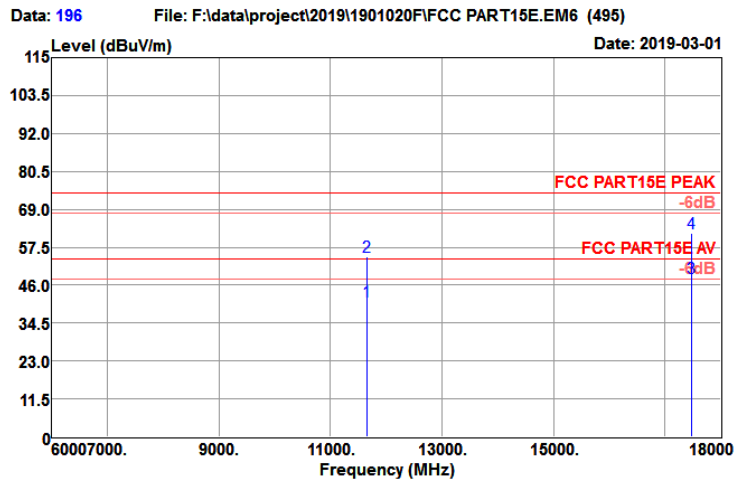
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5825.000	96.78	32.36	6.53	34.98	100.69	74.00	26.69	Peak

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)		



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)		



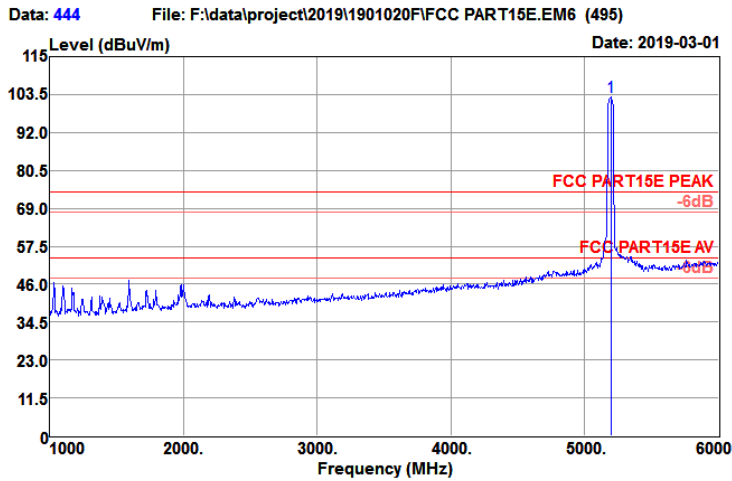
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.45	39.78	8.75	32.86	41.12	54.00	-12.88	Average
11650.000	38.89	39.78	8.75	32.86	54.56	74.00	-19.44	Peak
17475.000	24.12	44.87	9.55	30.39	48.15	54.00	-5.85	Average
17475.000	37.81	44.87	9.55	30.39	61.84	74.00	-12.16	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.

802.11 N40 5190MHz

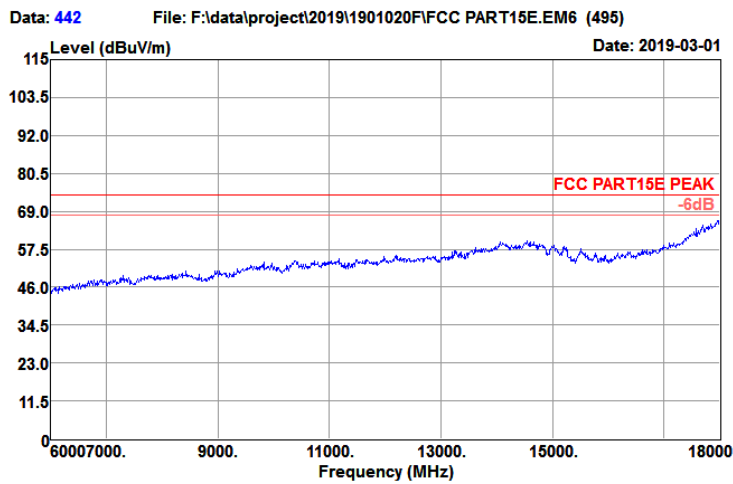
Horizontal:

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)		

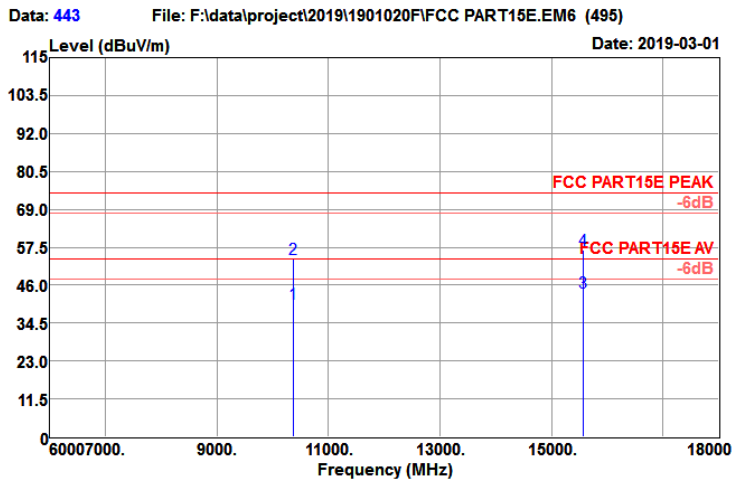


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5195.000	101.51	31.86	5.42	35.91	102.88	74.00	28.88	Peak

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 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	: 802.11n HT40 CH38(5190MHz)		

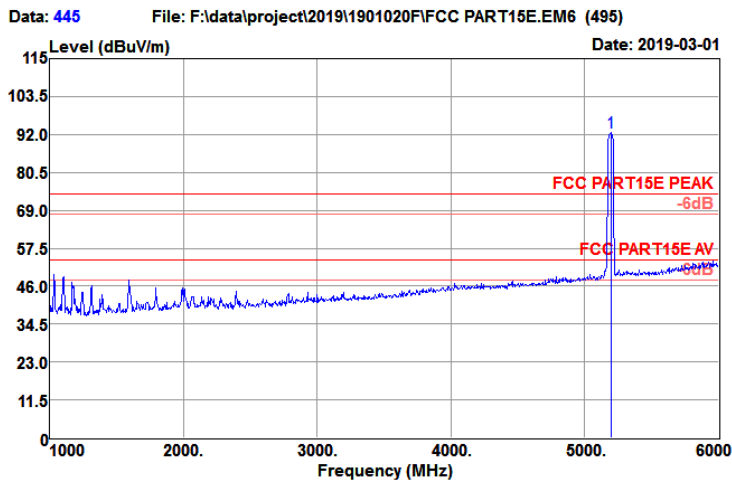


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10380.000	26.97	39.18	8.10	33.97	40.28	54.00	-13.72	Average
10380.000	40.71	39.18	8.10	33.97	54.02	74.00	-19.98	Peak
15570.000	26.72	38.93	9.67	31.60	43.72	54.00	-10.28	Average
15570.000	39.62	38.93	9.67	31.60	56.62	74.00	-17.38	Peak

802.11 N40 5190MHz

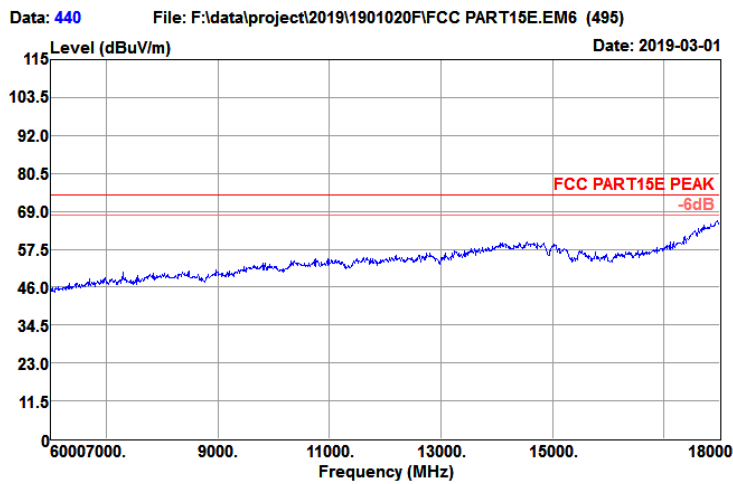
Vertical:

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)		

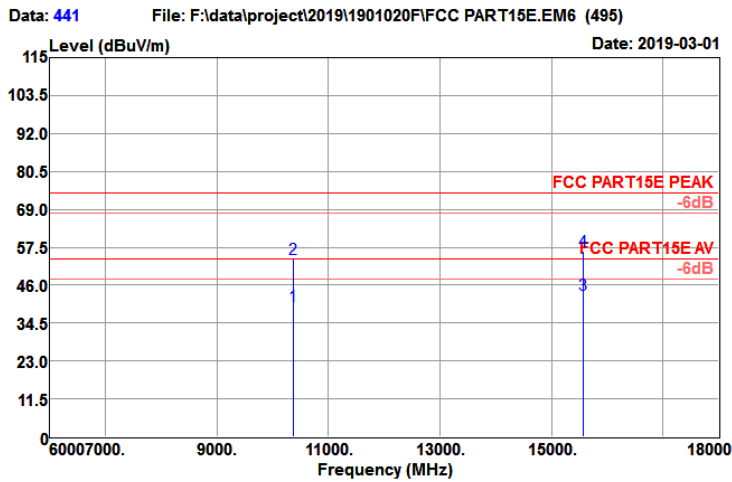


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5195.000	91.34	31.86	5.42	35.91	92.71	74.00	18.71	Peak

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 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)		

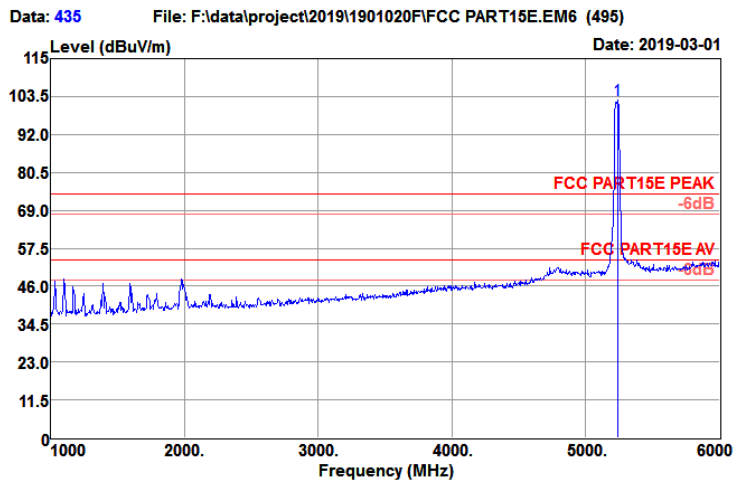


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10380.000	26.46	39.18	8.10	33.97	39.77	54.00	-14.23	Average
10380.000	40.51	39.18	8.10	33.97	53.82	74.00	-20.18	Peak
15570.000	26.19	38.93	9.67	31.60	43.19	54.00	-10.81	Average
15570.000	39.35	38.93	9.67	31.60	56.35	74.00	-17.65	Peak

802.11 N40 5230MHz

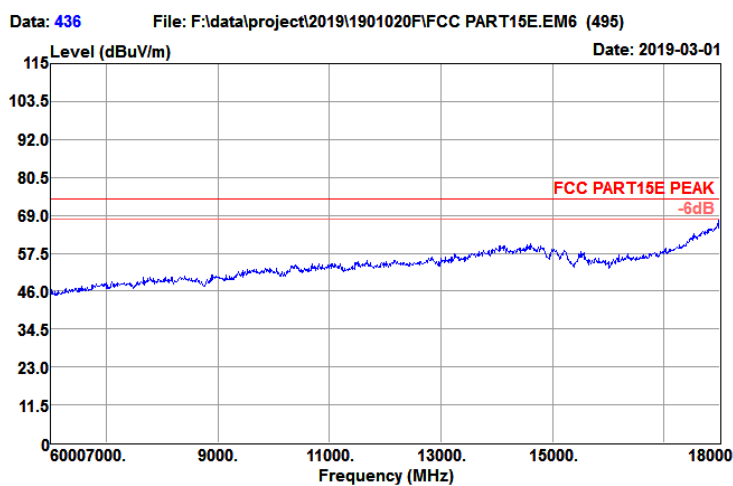
Horizontal:

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 CH46(5230MHz)		

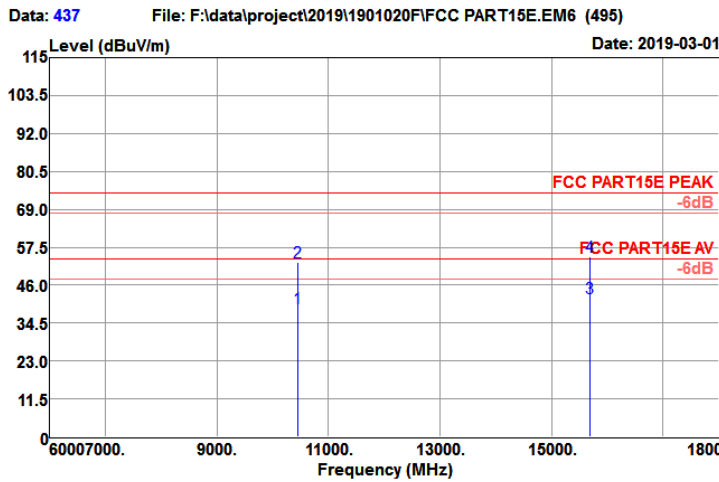


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5235.000	100.80	31.89	5.55	35.85	102.39	74.00	28.39	Peak

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 CH46(5230MHz)		



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 CH46(5230MHz)		

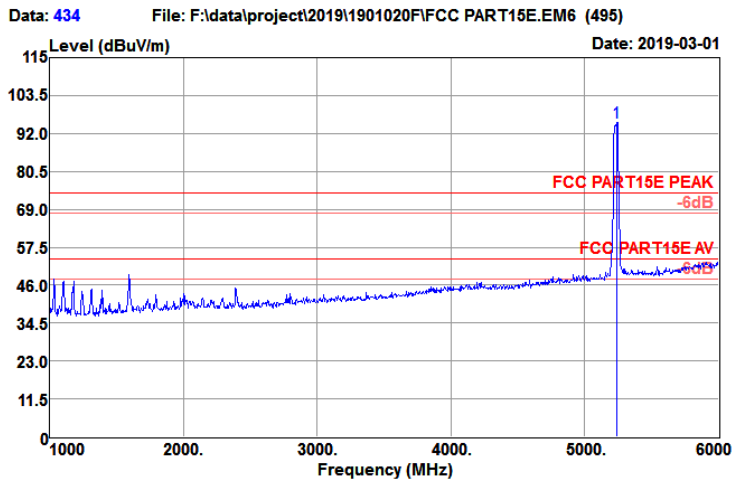


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10460.000	25.35	39.33	8.11	33.90	38.89	54.00	-15.11	Average
10460.000	39.56	39.33	8.11	33.90	53.10	74.00	-20.90	Peak
15690.000	25.33	38.56	9.62	31.55	41.96	54.00	-12.04	Average
15690.000	38.15	38.56	9.62	31.55	54.78	74.00	-19.22	Peak

802.11 N40 5230MHz

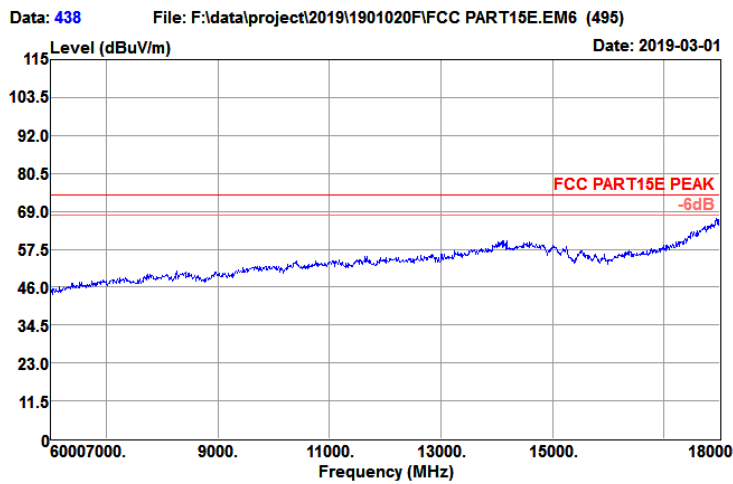
Vertical:

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 CH46(5230MHz)		

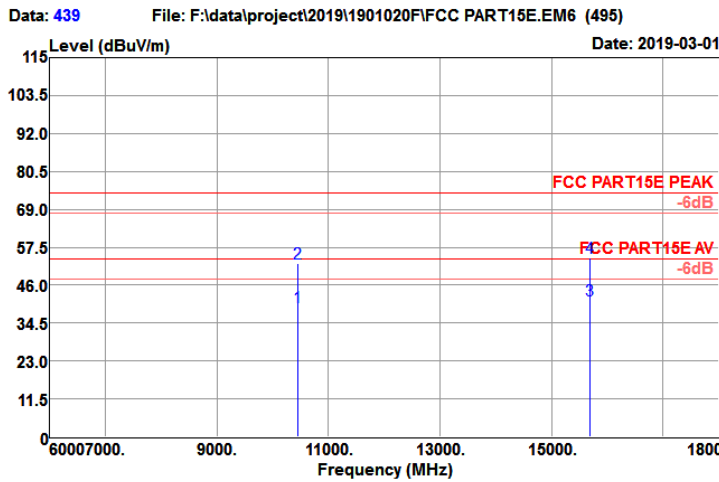


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5235.000	93.88	31.89	5.55	35.85	95.47	74.00	21.47	Peak

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	: 802.11n HT40 CH46(5230MHz)		



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 CH46(5230MHz)		

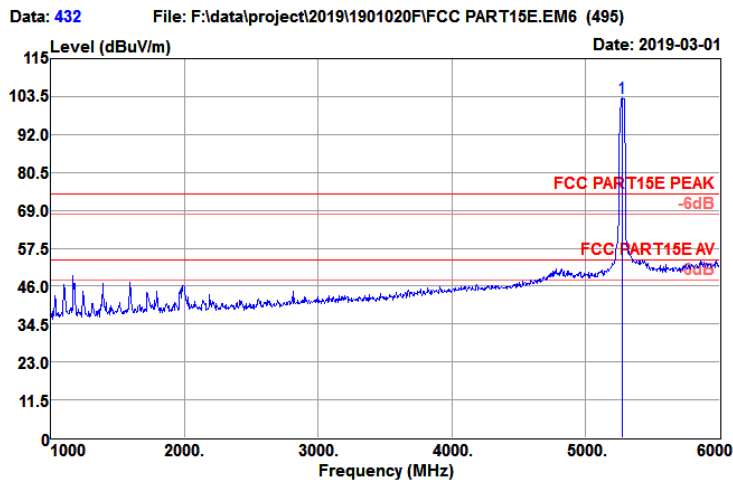


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10460.000	25.98	39.33	8.11	33.90	39.52	54.00	-14.48	Average
10460.000	39.10	39.33	8.11	33.90	52.64	74.00	-21.36	Peak
15690.000	24.61	38.56	9.62	31.55	41.24	54.00	-12.76	Average
15690.000	37.80	38.56	9.62	31.55	54.43	74.00	-19.57	Peak

802.11 N40 5270MHz

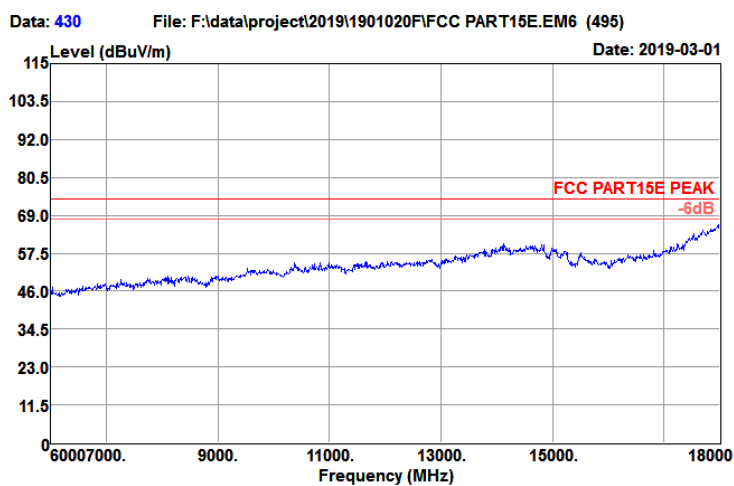
Horizontal:

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 CH54(5270MHz)		

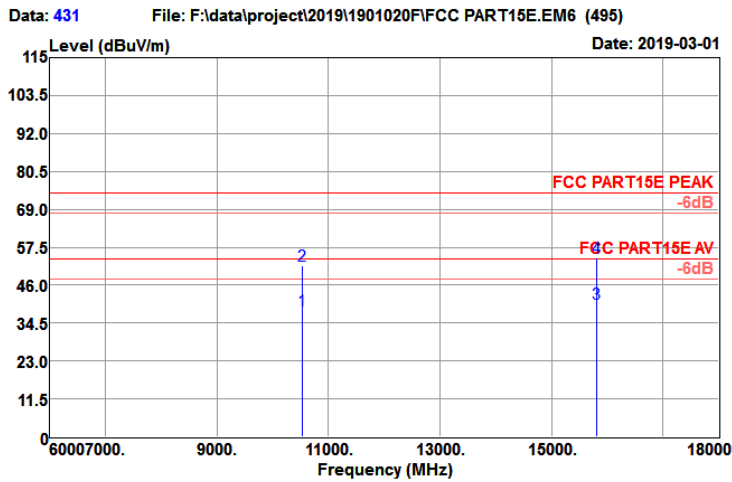


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5275.000	101.47	31.92	5.70	35.79	103.30	74.00	29.30	Peak

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 HT40 CH54(5270MHz)		



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 CH54(5270MHz)		

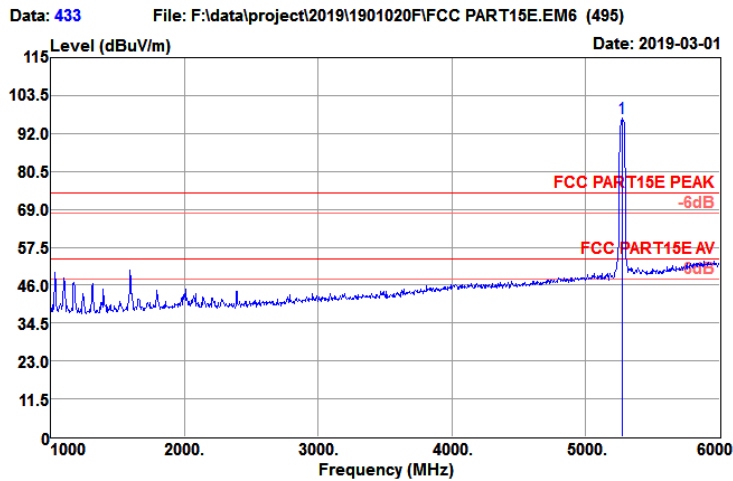


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10540.000	24.55	39.47	8.13	33.83	38.32	54.00	-15.68	Average
10540.000	38.31	39.47	8.13	33.83	52.08	74.00	-21.92	Peak
15810.000	24.16	38.19	9.56	31.50	40.41	54.00	-13.59	Average
15810.000	38.00	38.19	9.56	31.50	54.25	74.00	-19.75	Peak

802.11 N40 5270MHz

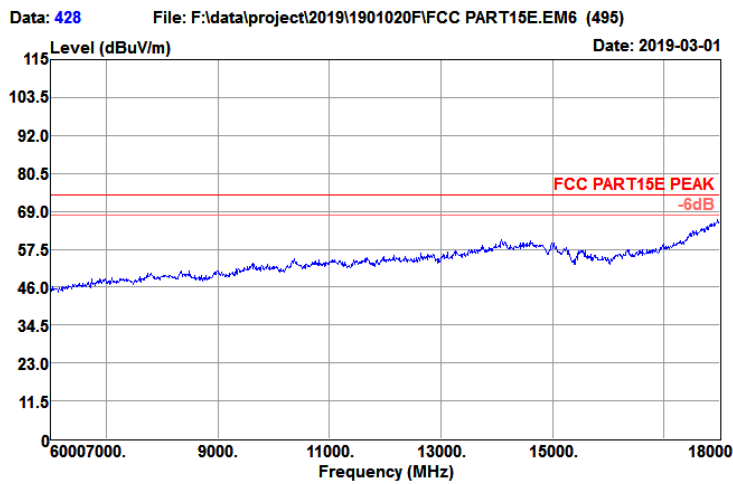
Vertical:

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 CH54(5270MHz)		

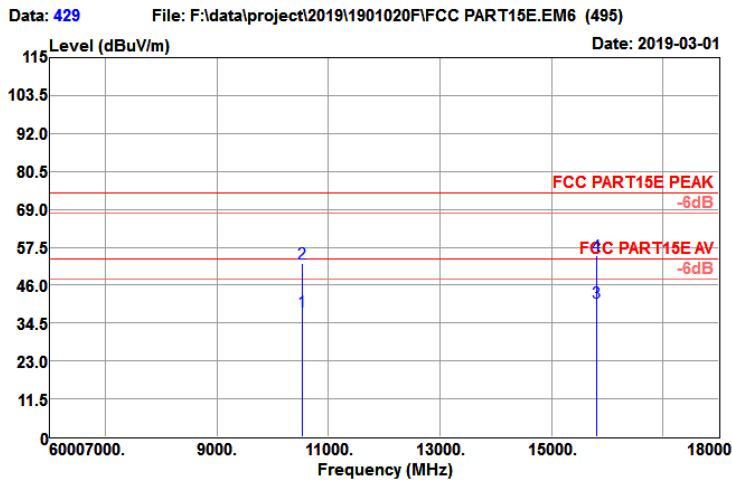


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5275.000	94.85	31.92	5.70	35.79	96.68	74.00	22.68	Peak

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 CH54(5270MHz)		



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 CH54(5270MHz)		

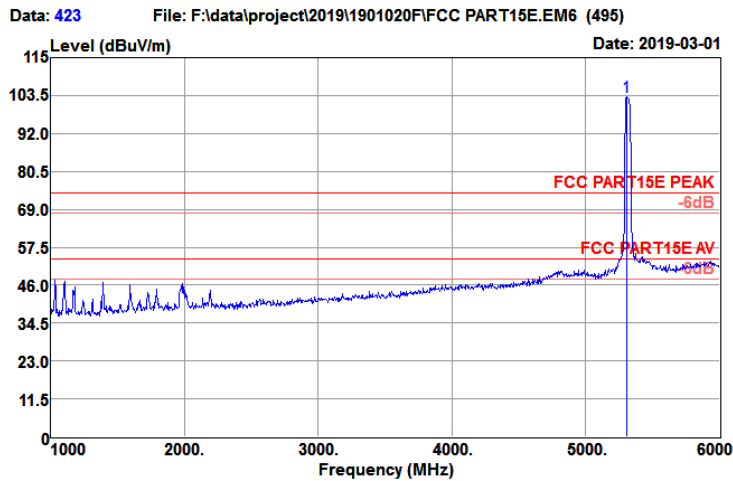


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10540.000	24.10	39.47	8.13	33.83	37.87	54.00	-16.13	Average
10540.000	38.74	39.47	8.13	33.83	52.51	74.00	-21.49	Peak
15810.000	24.43	38.19	9.56	31.50	40.68	54.00	-13.32	Average
15810.000	38.69	38.19	9.56	31.50	54.94	74.00	-19.06	Peak

802.11 N40 5310MHz

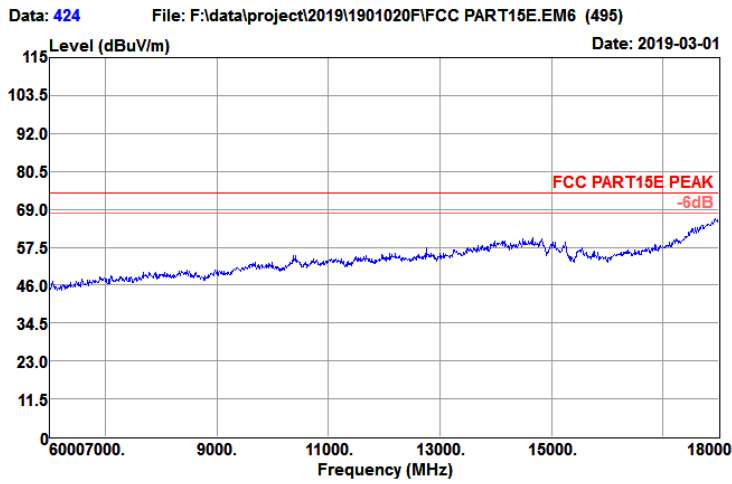
Horizontal:

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)		

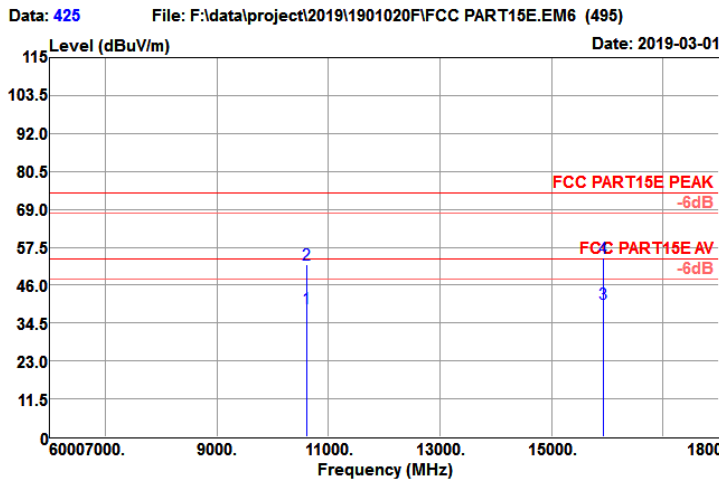


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5305.000	101.19	31.94	5.81	35.75	103.19	74.00	29.19	Peak

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)		



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)		

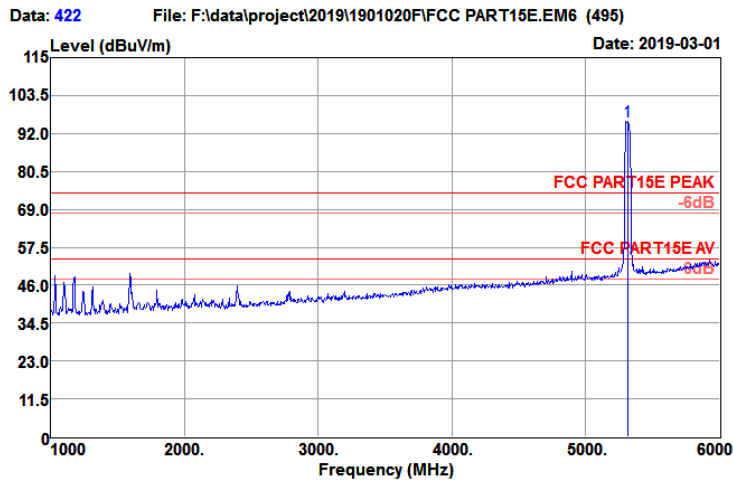


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10620.000	24.89	39.62	8.18	33.76	38.93	54.00	-15.07	Average
10620.000	38.23	39.62	8.18	33.76	52.27	74.00	-21.73	Peak
15930.000	24.62	37.82	9.51	31.44	40.51	54.00	-13.49	Average
15930.000	38.30	37.82	9.51	31.44	54.19	74.00	-19.81	Peak

802.11 N40 5310MHz

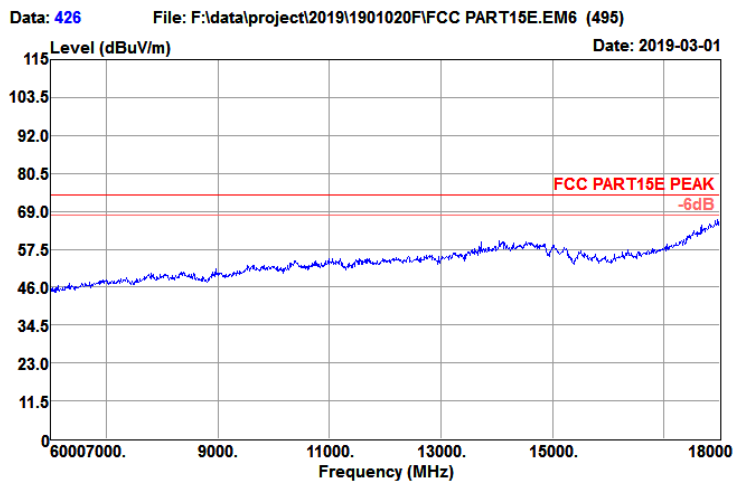
Vertical:

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)		

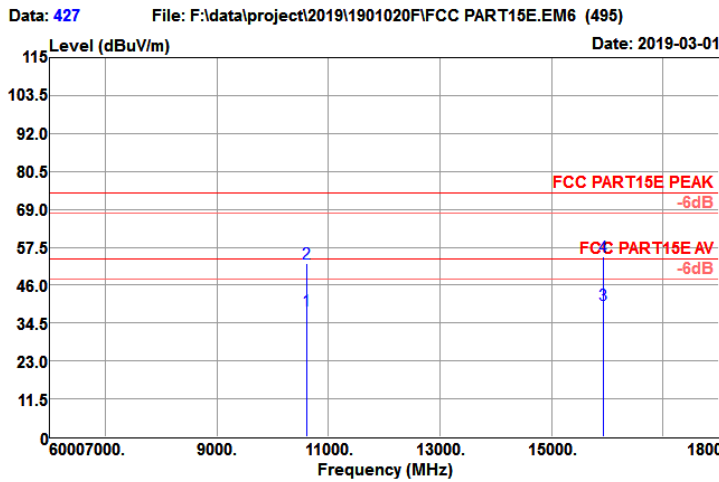


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5310.000	93.58	31.95	5.83	35.74	95.62	74.00	21.62	Peak

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)		



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)		

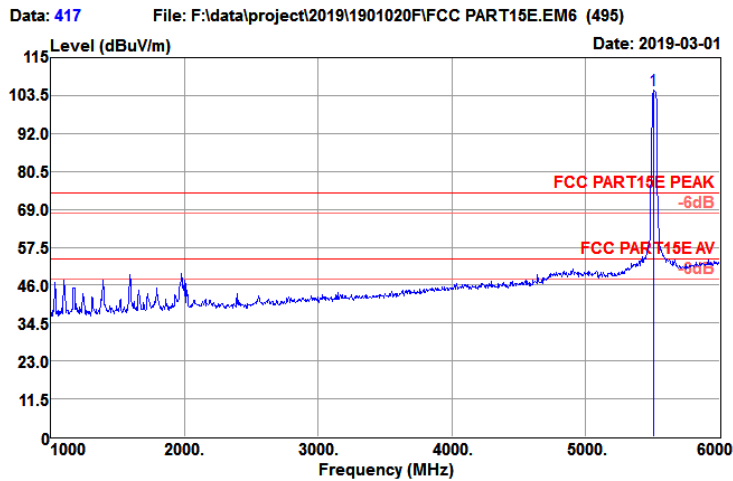


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10620.000	24.17	39.62	8.18	33.76	38.21	54.00	-15.79	Average
10620.000	38.57	39.62	8.18	33.76	52.61	74.00	-21.39	Peak
15930.000	24.08	37.82	9.51	31.44	39.97	54.00	-14.03	Average
15930.000	38.69	37.82	9.51	31.44	54.58	74.00	-19.42	Peak

802.11 N40 5510MHz

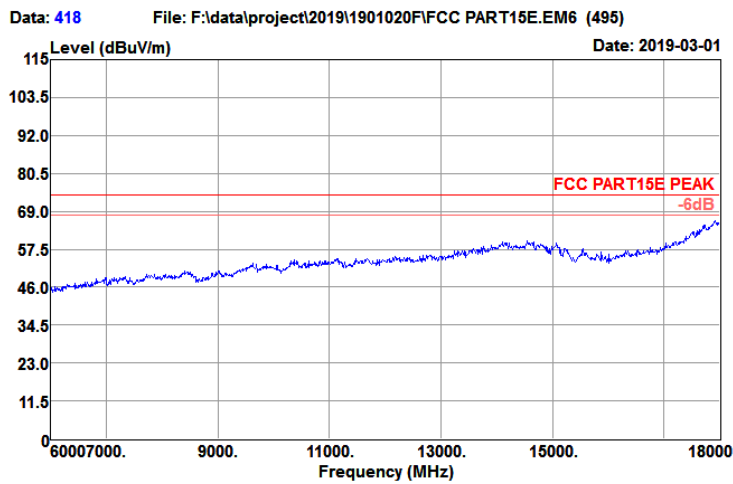
Horizontal:

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)		

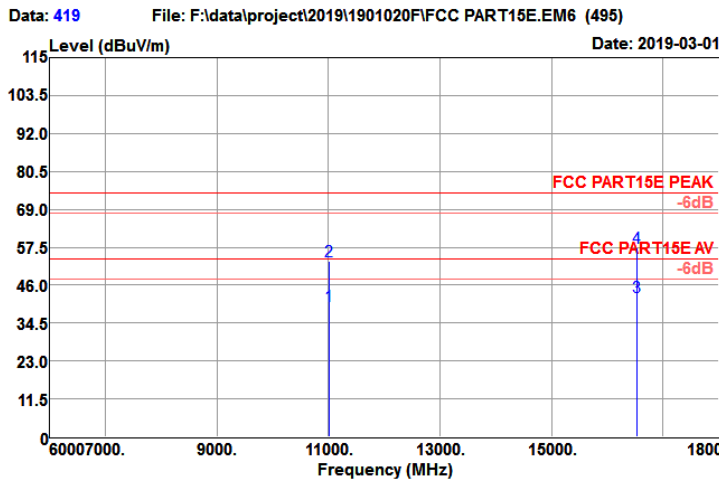


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5510.000	102.36	32.11	6.21	35.45	105.23	74.00	31.23	Peak

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 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	: 802.11n HT40 CH102(5510MHz)		

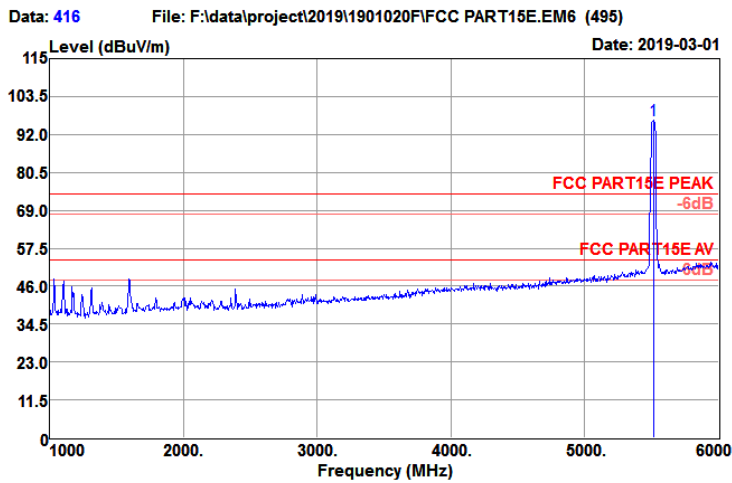


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.31	40.28	8.40	33.41	39.58	54.00	-14.42	Average
11020.000	37.85	40.28	8.40	33.41	53.12	74.00	-20.88	Peak
16530.000	24.35	39.67	9.42	31.04	42.40	54.00	-11.60	Average
16530.000	39.20	39.67	9.42	31.04	57.25	74.00	-16.75	Peak

802.11 N40 5510MHz

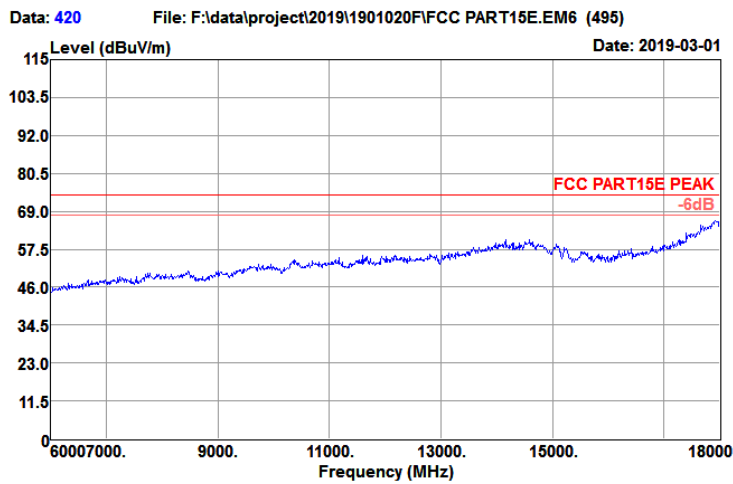
Vertical:

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)		

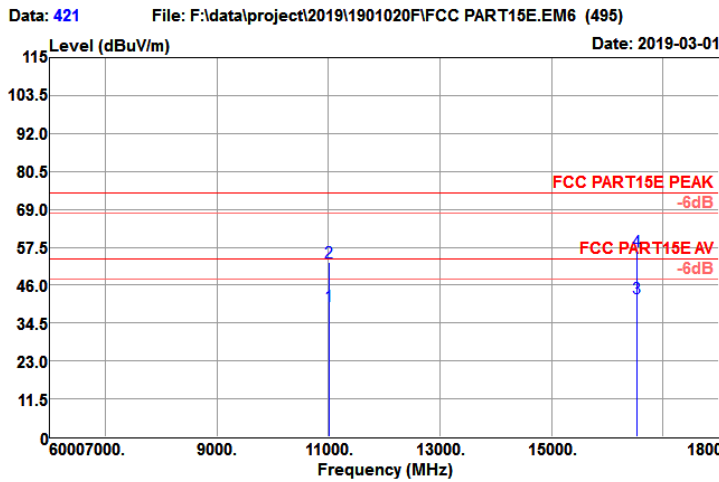


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5515.000	93.48	32.11	6.21	35.44	96.36	74.00	22.36	Peak

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)		



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)		

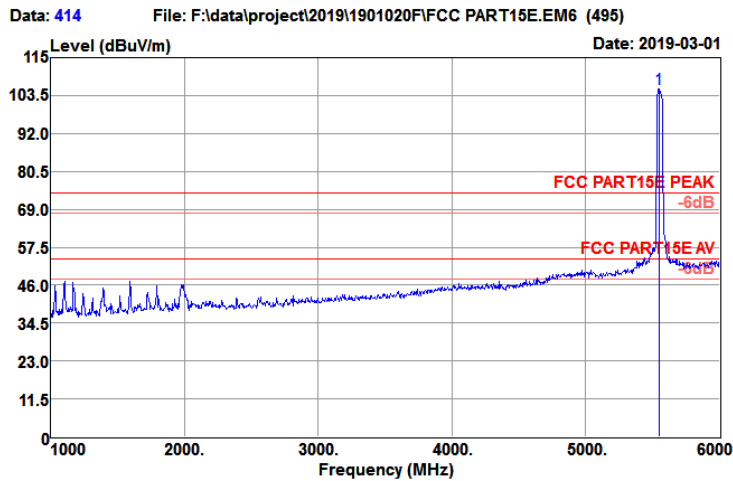


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.31	40.28	8.40	33.41	39.58	54.00	-14.42	Average
11020.000	37.54	40.28	8.40	33.41	52.81	74.00	-21.19	Peak
16530.000	24.18	39.67	9.42	31.04	42.23	54.00	-11.77	Average
16530.000	38.40	39.67	9.42	31.04	56.45	74.00	-17.55	Peak

802.11 N40 5550MHz

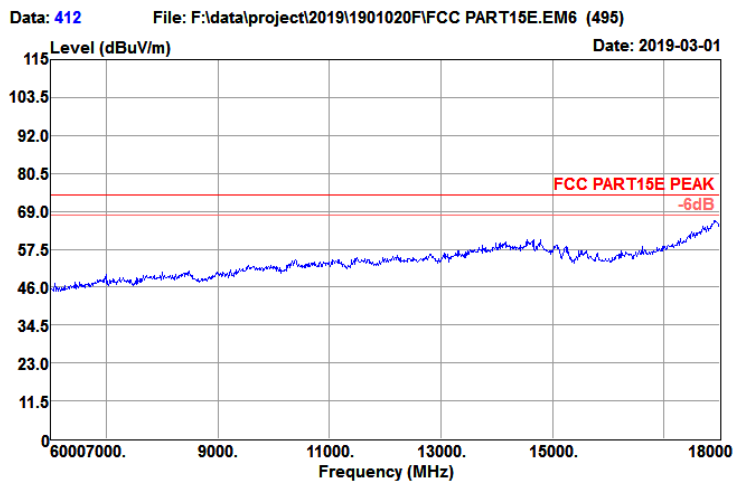
Horizontal:

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 CH110(5550MHz)		

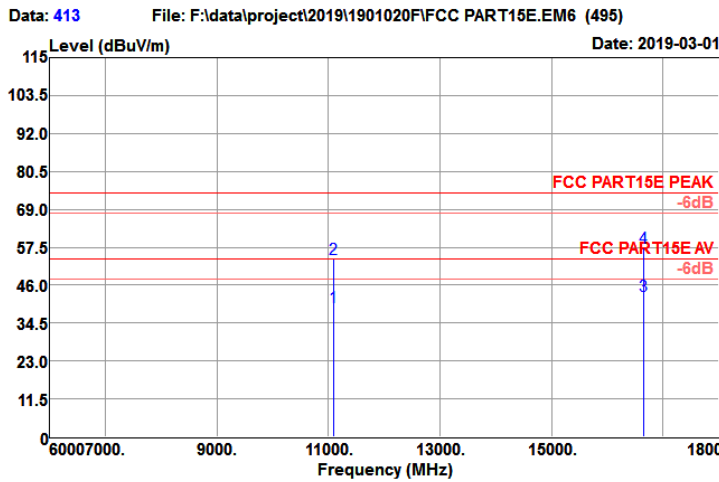


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5545.000	102.56	32.14	6.22	35.39	105.53	74.00	31.53	Peak

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 CH110(5550MHz)		



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 CH110(5550MHz)		

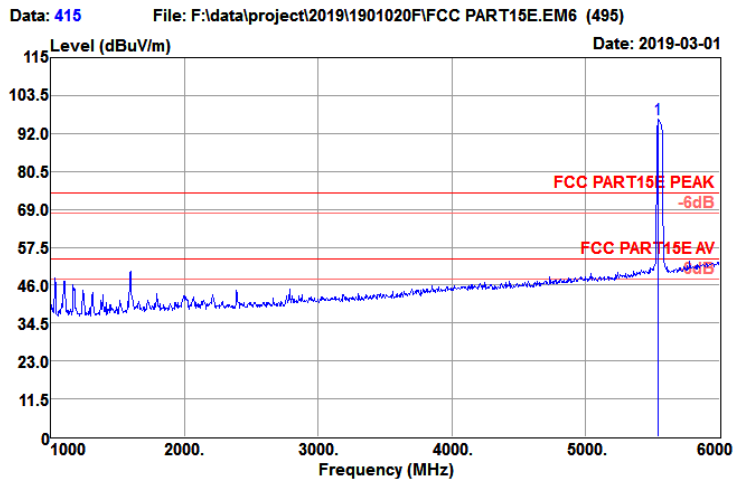


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.15	40.22	8.46	33.34	39.49	54.00	-14.51	Average
11100.000	38.59	40.22	8.46	33.34	53.93	74.00	-20.07	Peak
16650.000	24.09	40.13	9.42	30.96	42.68	54.00	-11.32	Average
16650.000	38.83	40.13	9.42	30.96	57.42	74.00	-16.58	Peak

802.11 N40 5550MHz

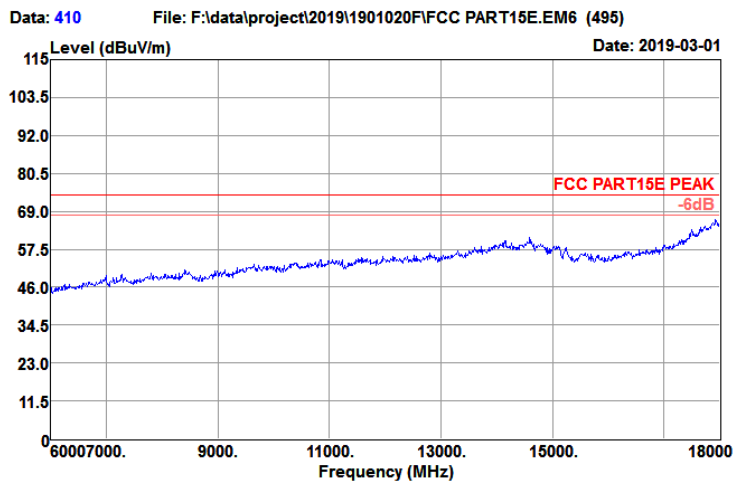
Vertical:

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 CH110(5550MHz)		

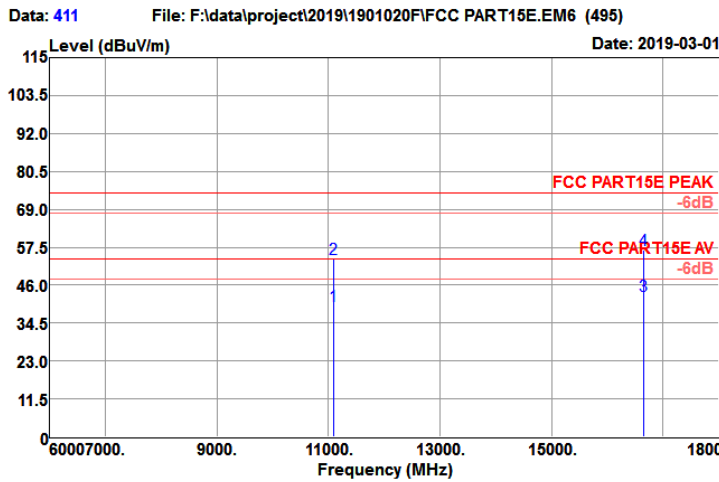


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5540.000	93.37	32.13	6.22	35.40	96.32	74.00	22.32	Peak

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 HT40 CH110(5550MHz)		



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 CH110(5550MHz)		

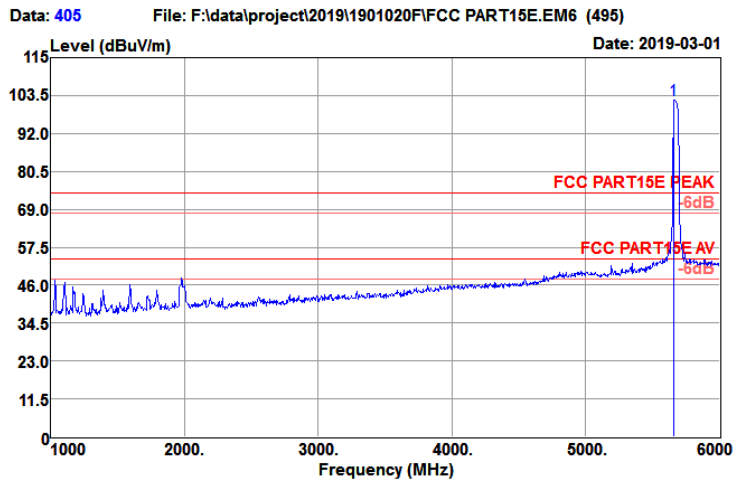


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.31	40.22	8.46	33.34	39.65	54.00	-14.35	Average
11100.000	38.68	40.22	8.46	33.34	54.02	74.00	-19.98	Peak
16650.000	24.18	40.13	9.42	30.96	42.77	54.00	-11.23	Average
16650.000	37.96	40.13	9.42	30.96	56.55	74.00	-17.45	Peak

802.11 N40 5670MHz

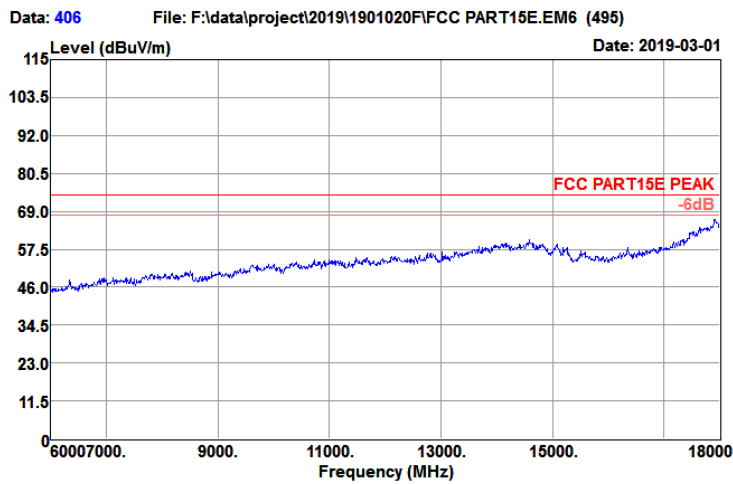
Horizontal:

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)		

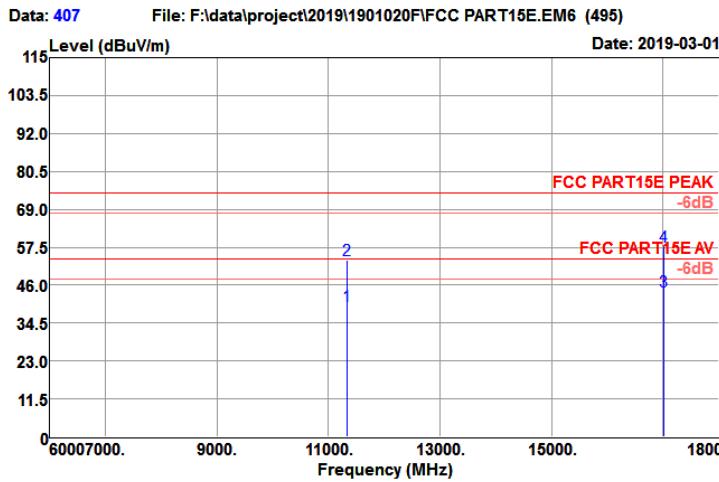


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5660.000	98.65	32.23	6.33	35.22	101.99	74.00	27.99	Peak

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)		



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)		

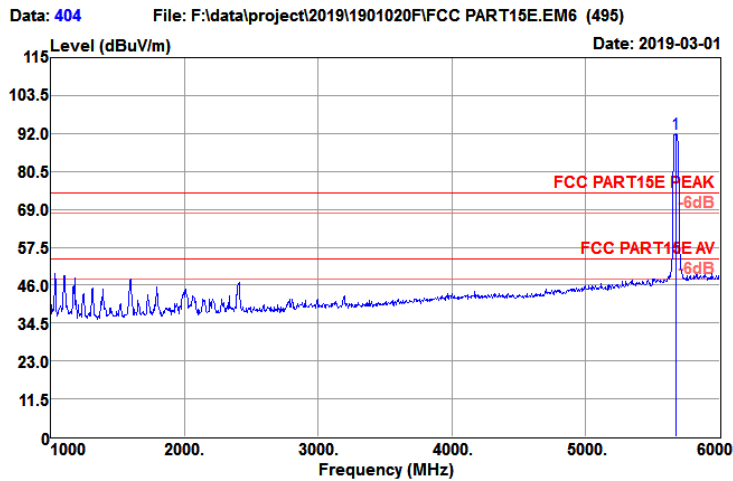


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11340.000	24.04	40.03	8.62	33.13	39.56	54.00	-14.44	Average
11340.000	38.13	40.03	8.62	33.13	53.65	74.00	-20.35	Peak
17010.000	23.99	41.57	9.41	30.71	44.26	54.00	-9.74	Average
17010.000	37.24	41.57	9.41	30.71	57.51	74.00	-16.49	Peak

802.11 N40 5670MHz

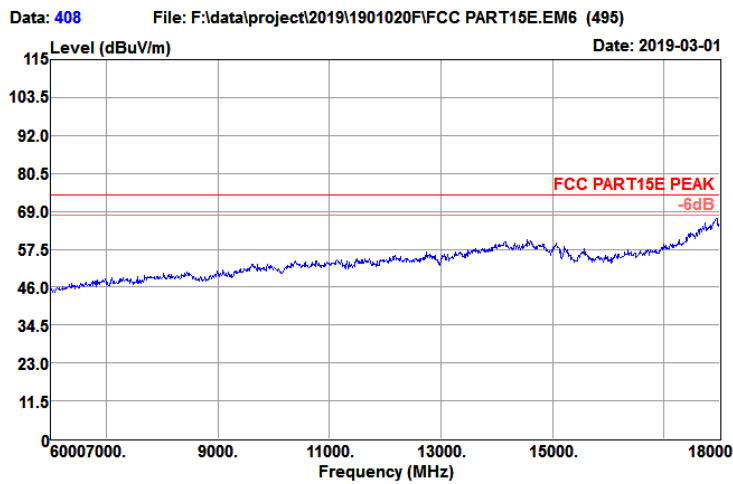
Vertical:

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)		

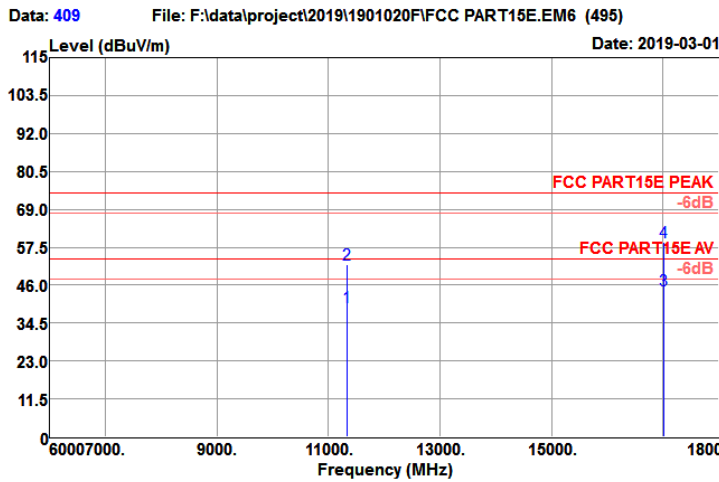


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5670.000	88.49	32.24	6.34	35.21	91.86	74.00	17.86	Peak

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)		



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)		

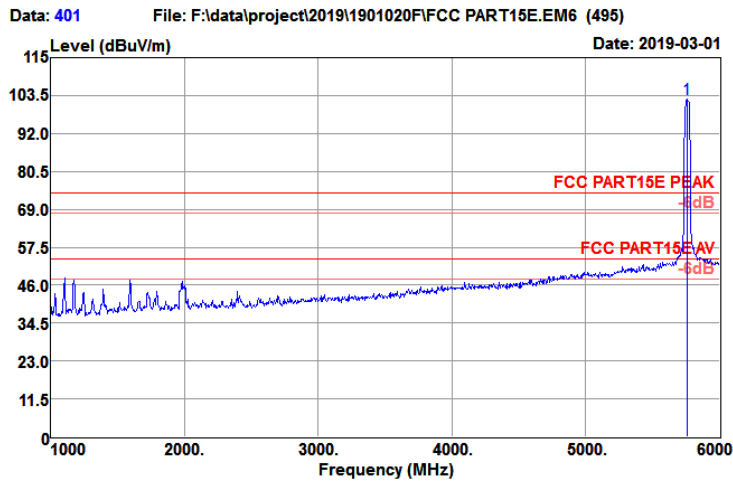


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11340.000	23.86	40.03	8.62	33.13	39.38	54.00	-14.62	Average
11340.000	36.73	40.03	8.62	33.13	52.25	74.00	-21.75	Peak
17010.000	24.11	41.57	9.41	30.71	44.38	54.00	-9.62	Average
17010.000	38.66	41.57	9.41	30.71	58.93	74.00	-15.07	Peak

802.11 N40 5755MHz

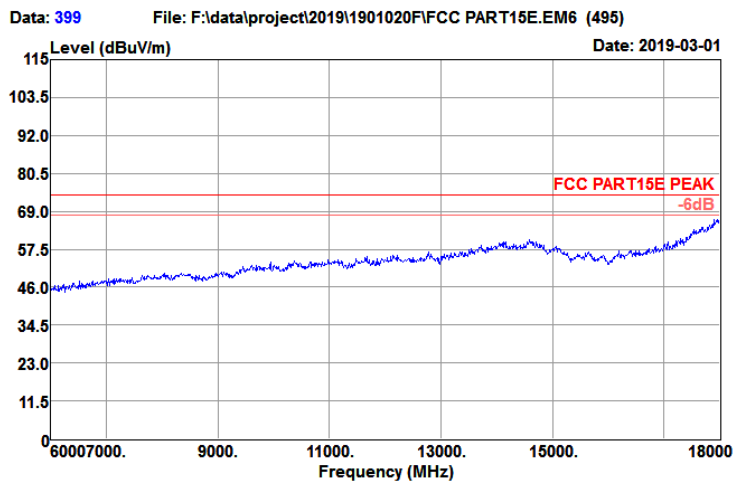
Horizontal:

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)		

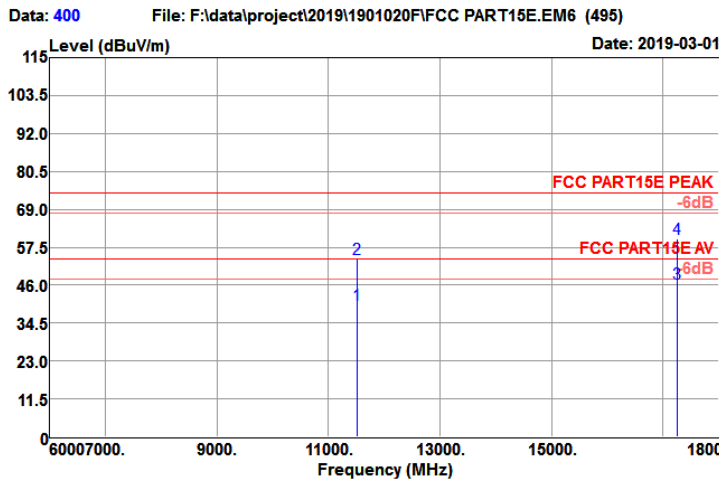


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5755.000	98.89	32.30	6.46	35.08	102.57	74.00	28.57	Peak

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)		



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)		

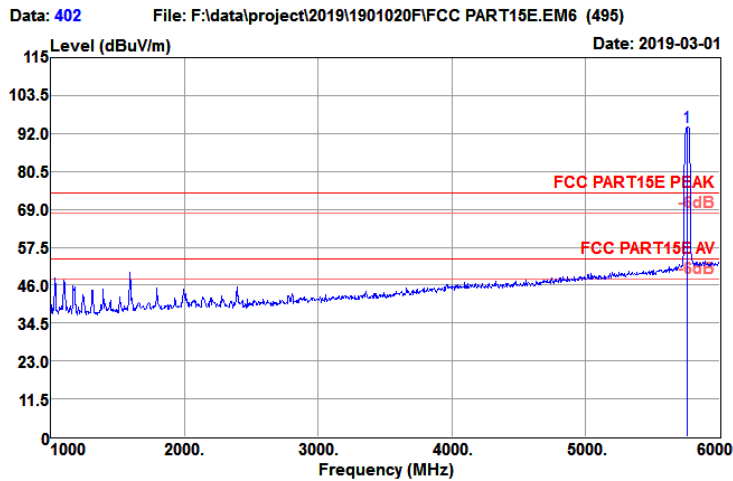


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11510.000	24.58	39.89	8.73	32.99	40.21	54.00	-13.79	Average
11510.000	38.19	39.89	8.73	32.99	53.82	74.00	-20.18	Peak
17265.000	24.19	43.38	9.49	30.54	46.52	54.00	-7.48	Average
17265.000	37.60	43.38	9.49	30.54	59.93	74.00	-14.07	Peak

802.11 N40 5755MHz

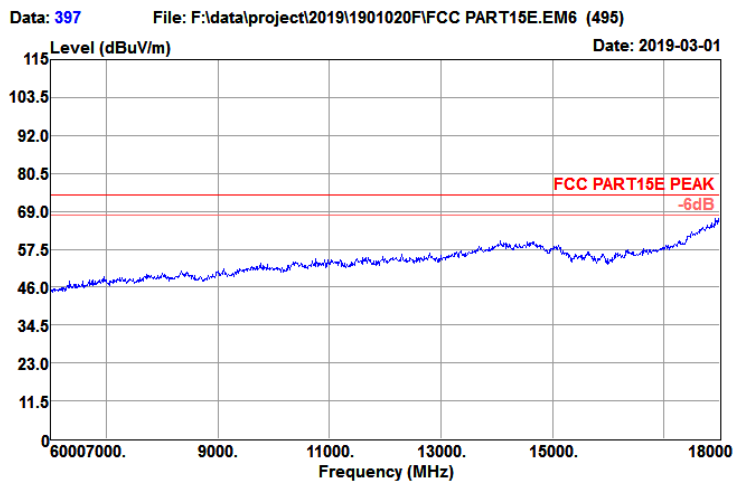
Vertical:

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)		



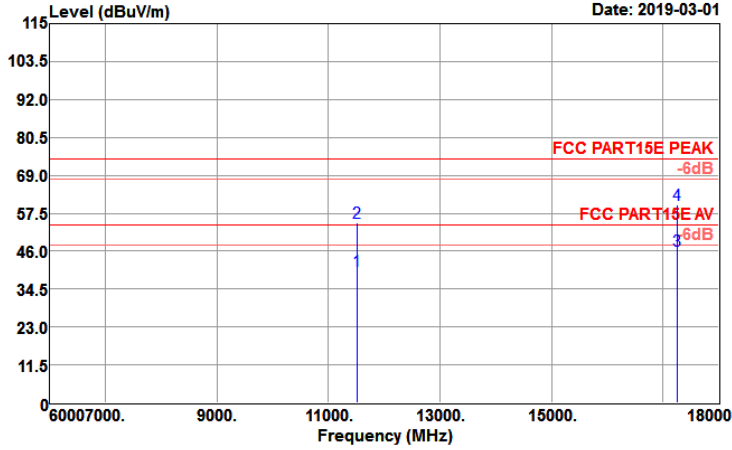
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5760.000	90.44	32.31	6.47	35.08	94.14	74.00	20.14	Peak

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 CH151(5755MHz)		



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)		

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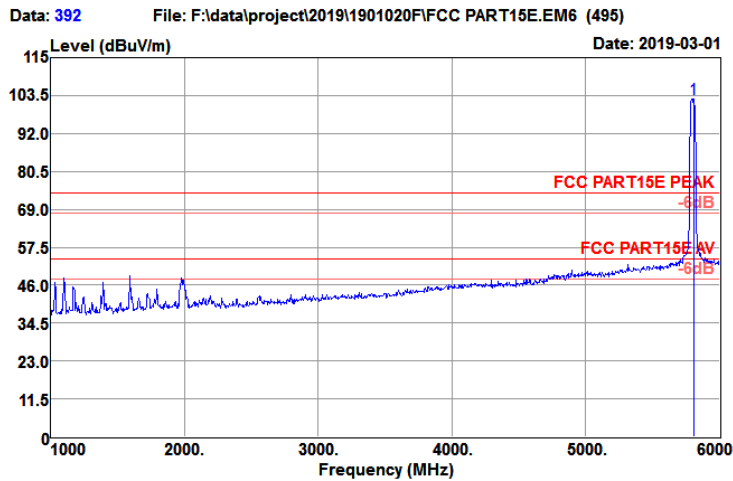


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11510.000	24.38	39.89	8.73	32.99	40.01	54.00	-13.99	Average
11510.000	39.14	39.89	8.73	32.99	54.77	74.00	-19.23	Peak
17265.000	23.67	43.38	9.49	30.54	46.00	54.00	-8.00	Average
17265.000	37.58	43.38	9.49	30.54	59.91	74.00	-14.09	Peak

802.11 N40 5795MHz

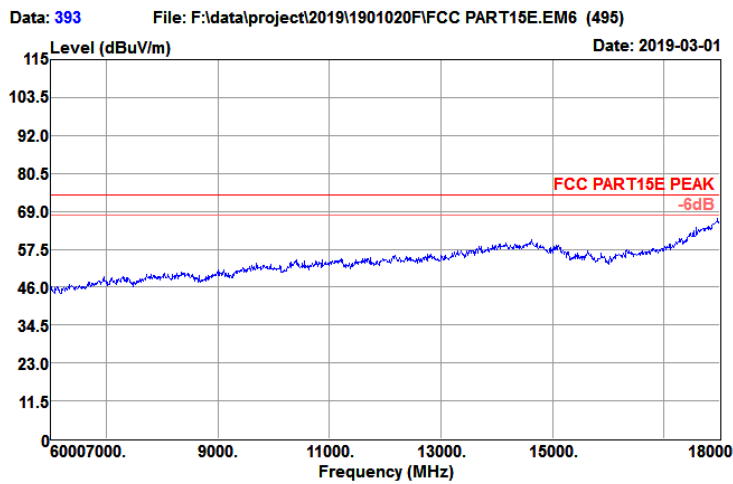
Horizontal:

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
5805.000	98.64	32.34	6.53	35.01	102.50	74.00	28.50	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

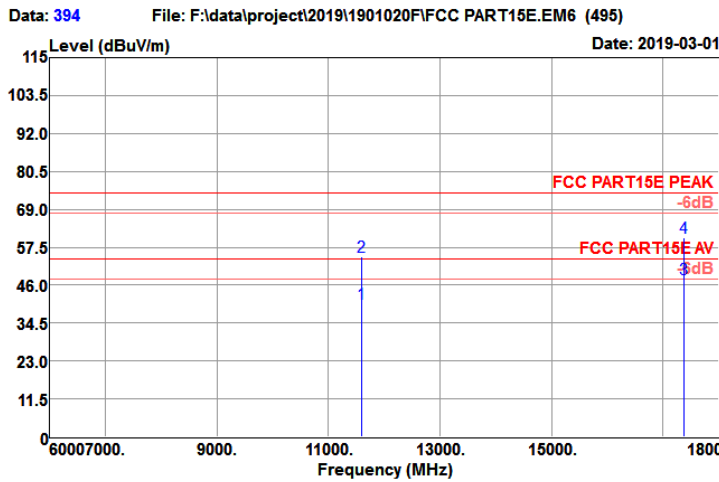
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 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11n HT40 CH159(5795MHz)

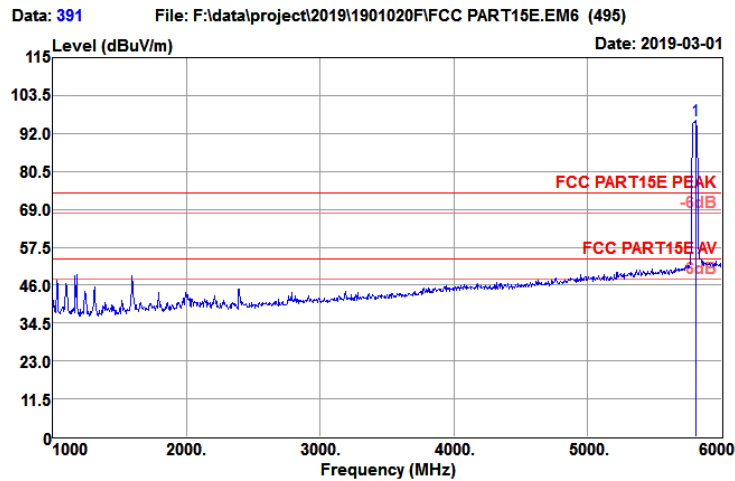


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11590.000	24.82	39.83	8.74	32.92	40.47	54.00	-13.53	Average
11590.000	39.03	39.83	8.74	32.92	54.68	74.00	-19.32	Peak
17385.000	24.52	44.23	9.53	30.45	47.83	54.00	-6.17	Average
17385.000	37.09	44.23	9.53	30.45	60.40	74.00	-13.60	Peak

802.11 N40 5795MHz

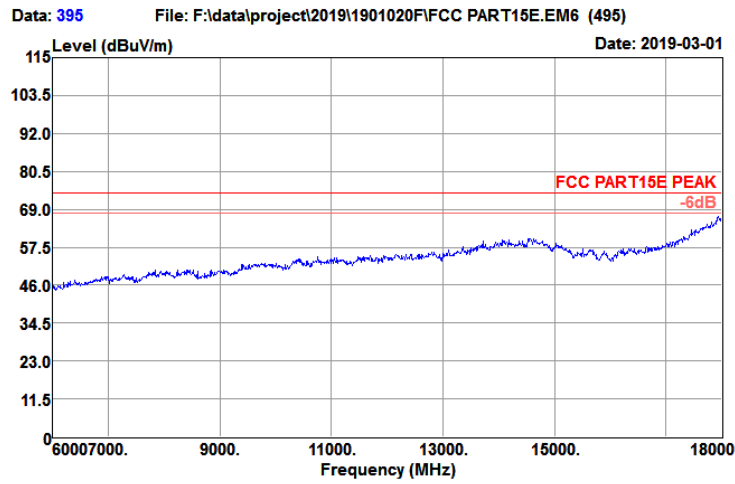
Vertical:

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)		

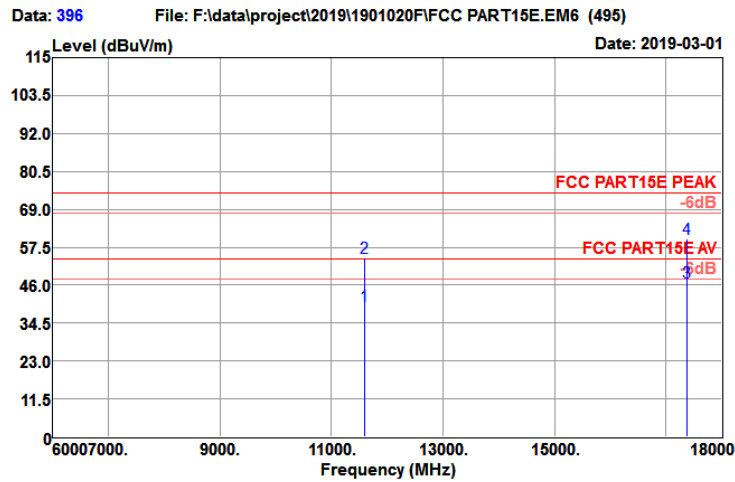


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5805.000	92.08	32.34	6.53	35.01	95.94	74.00	21.94	Peak

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	: 802.11n HT40 CH159(5795MHz)		



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)		



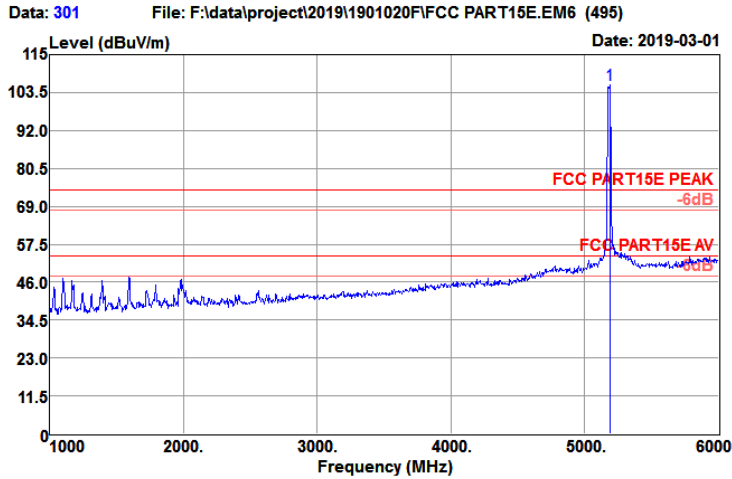
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11590.000	24.19	39.83	8.74	32.92	39.84	54.00	-14.16	Average
11590.000	38.70	39.83	8.74	32.92	54.35	74.00	-19.65	Peak
17385.000	23.62	44.23	9.53	30.45	46.93	54.00	-7.07	Average
17385.000	36.76	44.23	9.53	30.45	60.07	74.00	-13.93	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.

802.11 AC20 5180MHz

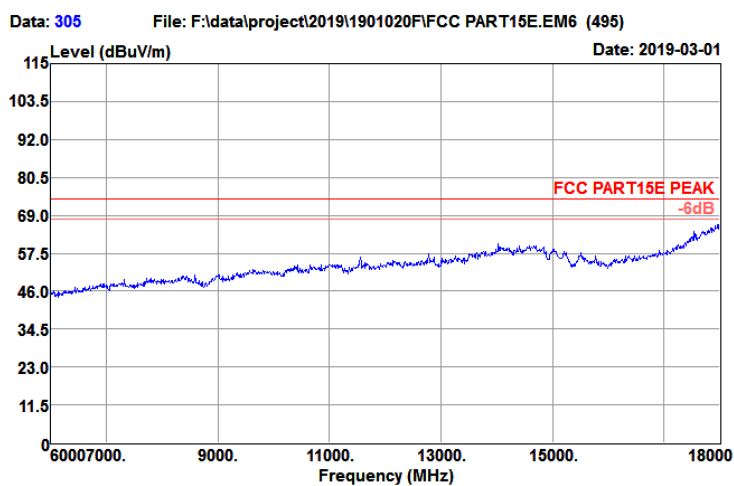
Horizontal:

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
5185.000	104.38	31.85	5.41	35.93	105.71	74.00	31.71	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

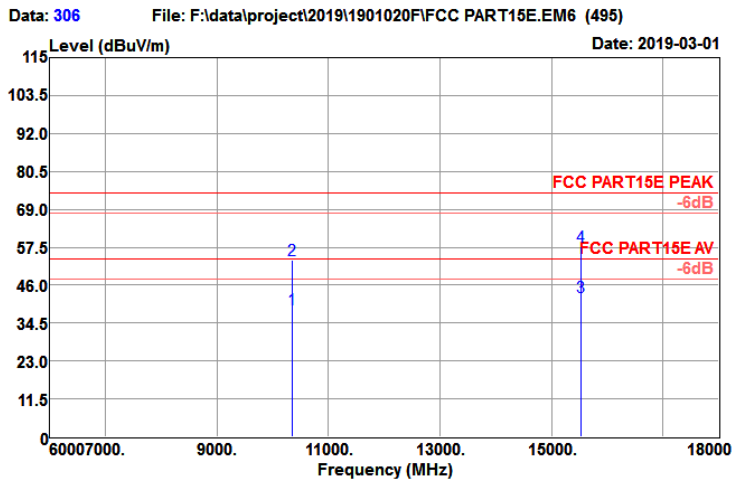
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH36(5180MHz)

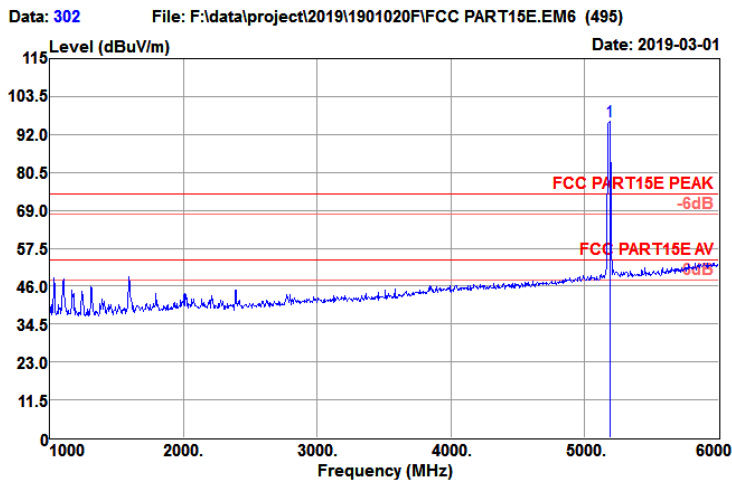


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.46	39.15	8.10	33.99	38.72	54.00	-15.28	Average
10360.000	40.49	39.15	8.10	33.99	53.75	74.00	-20.25	Peak
15540.000	25.36	39.03	9.68	31.62	42.45	54.00	-11.55	Average
15540.000	40.68	39.03	9.68	31.62	57.77	74.00	-16.23	Peak

802.11 AC20 5180MHz

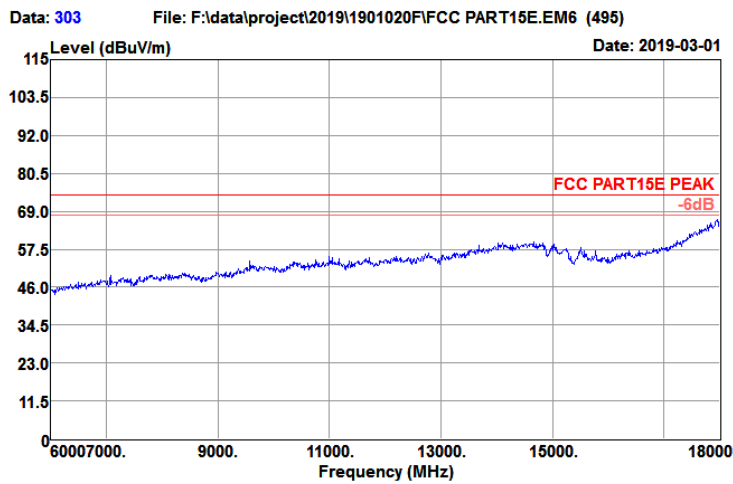
Vertical:

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	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5185.000	94.52	31.85	5.41	35.93	95.85	74.00	21.85	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

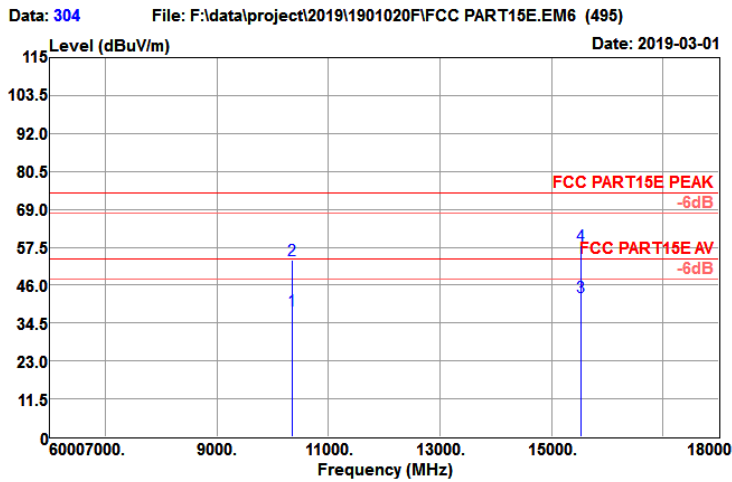
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH36(5180MHz)

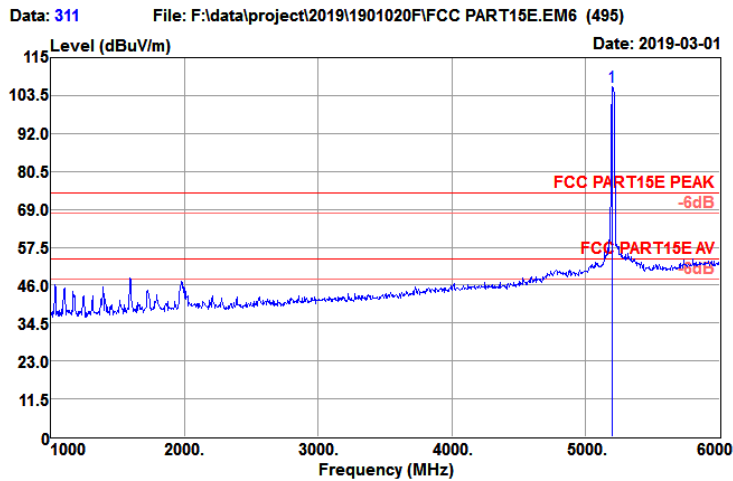


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.11	39.15	8.10	33.99	38.37	54.00	-15.63	Average
10360.000	40.25	39.15	8.10	33.99	53.51	74.00	-20.49	Peak
15540.000	25.34	39.03	9.68	31.62	42.43	54.00	-11.57	Average
15540.000	40.77	39.03	9.68	31.62	57.86	74.00	-16.14	Peak

802.11 AC20 5200MHz

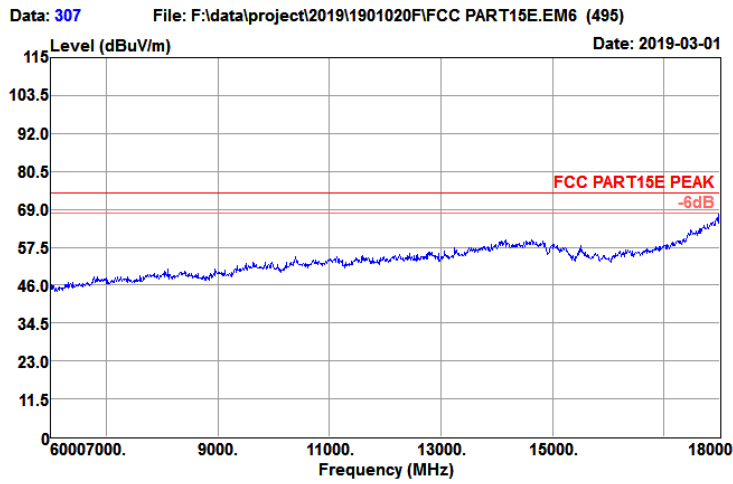
Horizontal:

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	: 802.11ac VHT20 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
5200.000	104.71	31.86	5.42	35.90	106.09	74.00	32.09	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 CH40(5200MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

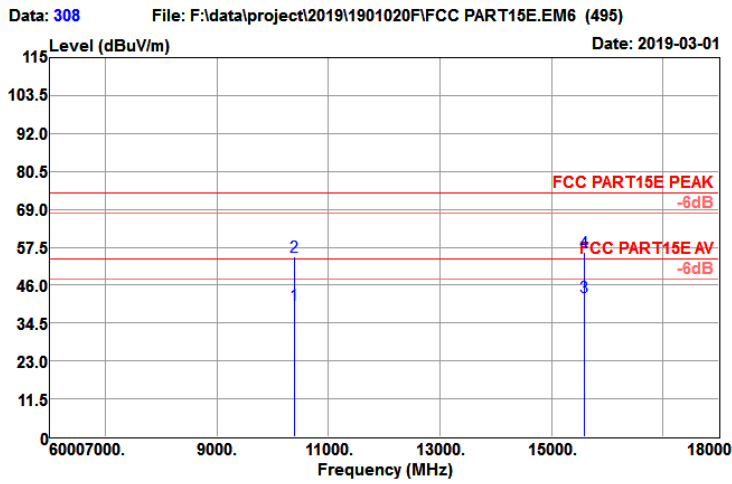
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH40(5200MHz)

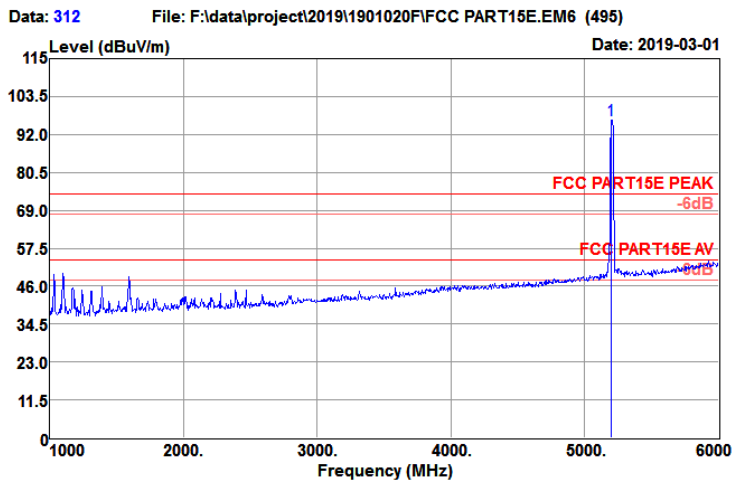


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10400.000	26.72	39.22	8.10	33.95	40.09	54.00	-13.91	Average
10400.000	41.17	39.22	8.10	33.95	54.54	74.00	-19.46	Peak
15600.000	25.40	38.84	9.66	31.59	42.31	54.00	-11.69	Average
15600.000	39.06	38.84	9.66	31.59	55.97	74.00	-18.03	Peak

802.11 AC20 5200MHz

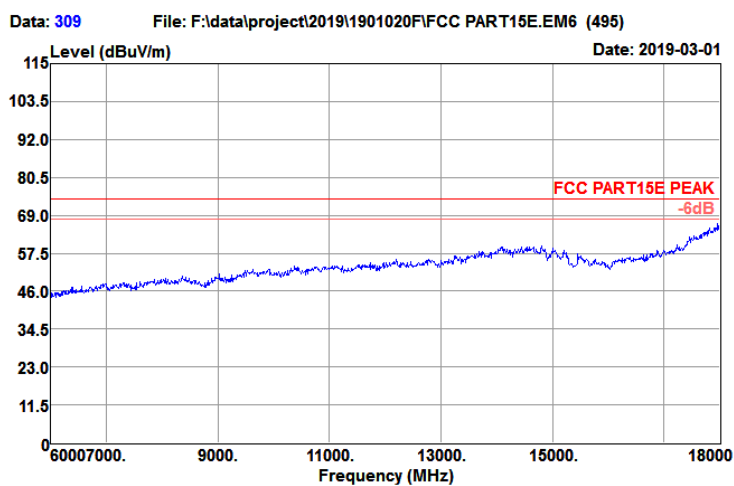
Vertical:

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	: 802.11ac VHT20 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
5195.000	95.11	31.86	5.42	35.91	96.48	74.00	22.48	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 CH40(5200MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

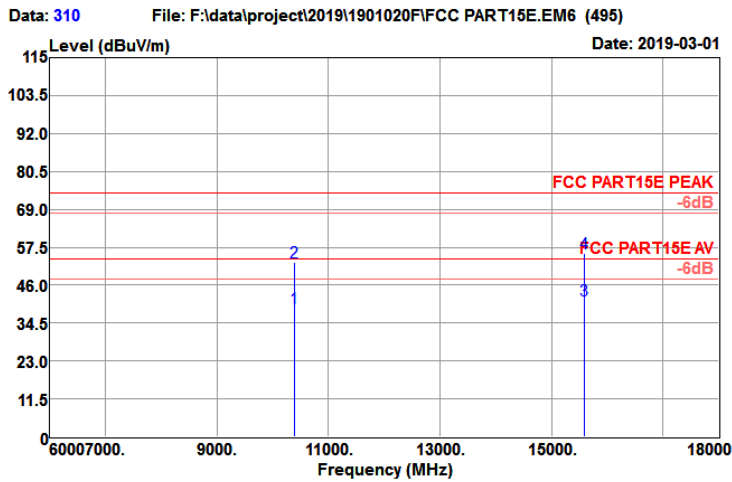
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH40(5200MHz)

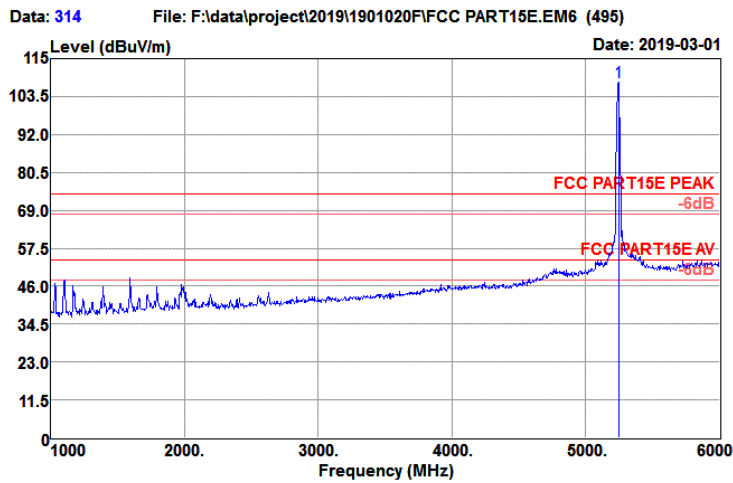


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10400.000	25.49	39.22	8.10	33.95	38.86	54.00	-15.14	Average
10400.000	39.68	39.22	8.10	33.95	53.05	74.00	-20.95	Peak
15600.000	24.66	38.84	9.66	31.59	41.57	54.00	-12.43	Average
15600.000	38.79	38.84	9.66	31.59	55.70	74.00	-18.30	Peak

802.11 AC20 5240MHz

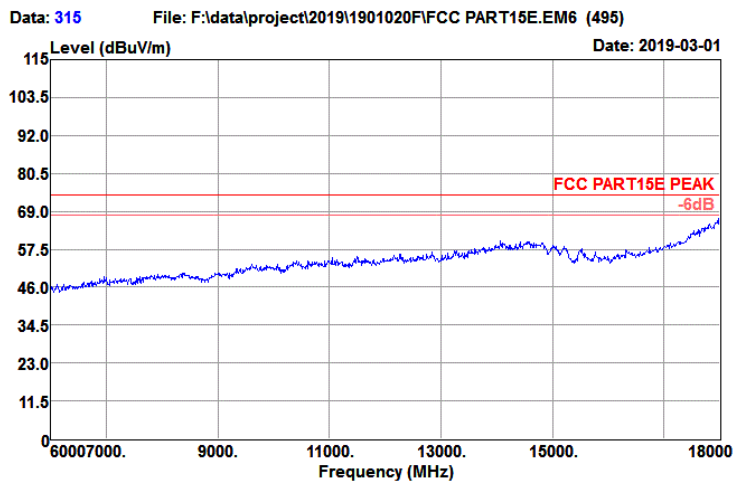
Horizontal:

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	: 802.11ac VHT20 CH48(5240MHz)		

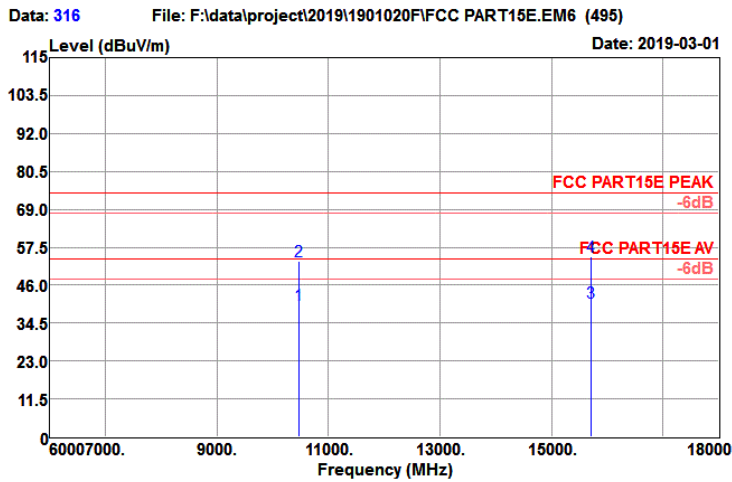


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5245.000	106.27	31.90	5.59	35.84	107.92	74.00	33.92	Peak

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 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	: 802.11ac VHT20 CH48(5240MHz)		

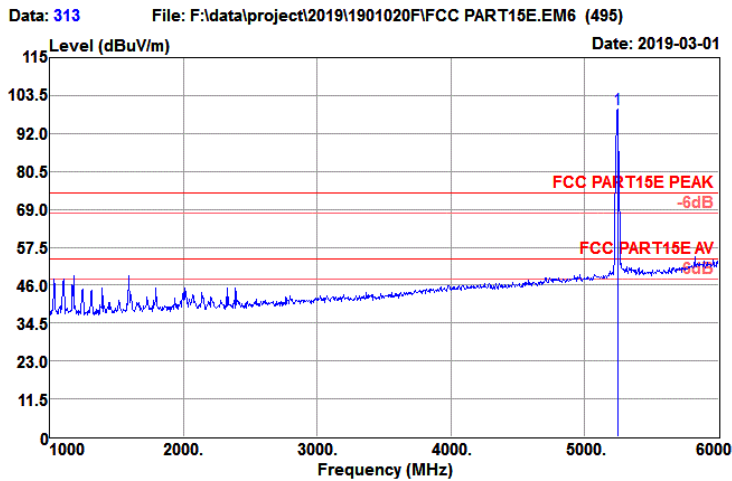


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10480.000	26.31	39.36	8.11	33.88	39.90	54.00	-14.10	Average
10480.000	39.69	39.36	8.11	33.88	53.28	74.00	-20.72	Peak
15720.000	24.26	38.47	9.60	31.54	40.79	54.00	-13.21	Average
15720.000	38.08	38.47	9.60	31.54	54.61	74.00	-19.39	Peak

802.11 AC20 5240MHz

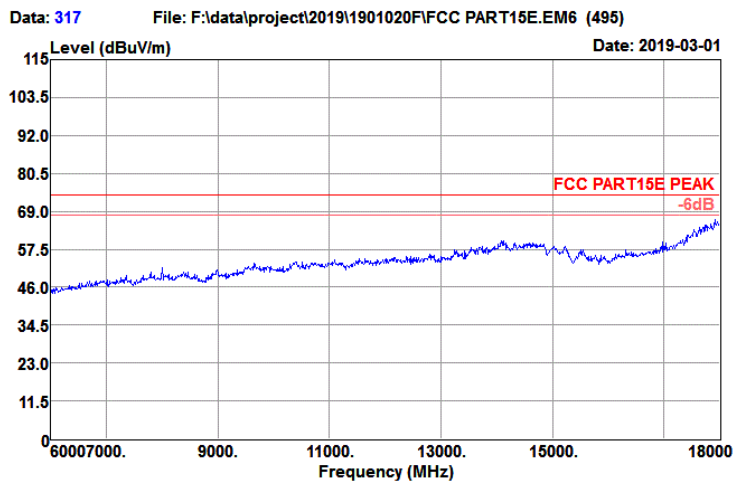
Vertical:

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	: 802.11ac VHT20 CH48(5240MHz)		

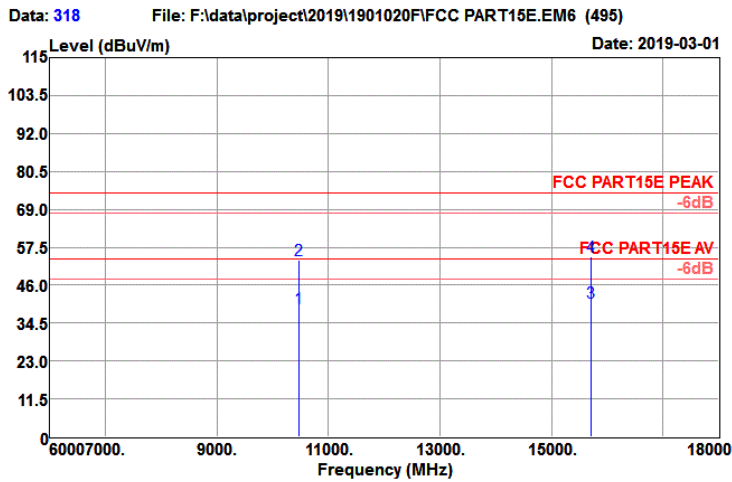


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5245.000	97.78	31.90	5.59	35.84	99.43	74.00	25.43	Peak

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 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	: 802.11ac VHT20 CH48(5240MHz)		

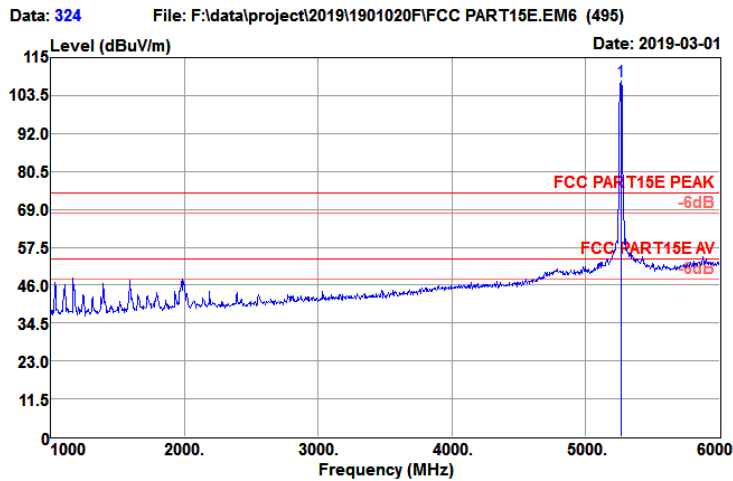


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.36	39.36	8.11	33.88	38.95	54.00	-15.05	Average
10480.000	39.96	39.36	8.11	33.88	53.55	74.00	-20.45	Peak
15720.000	24.16	38.47	9.60	31.54	40.69	54.00	-13.31	Average
15720.000	38.22	38.47	9.60	31.54	54.75	74.00	-19.25	Peak

802.11 AC20 5260MHz

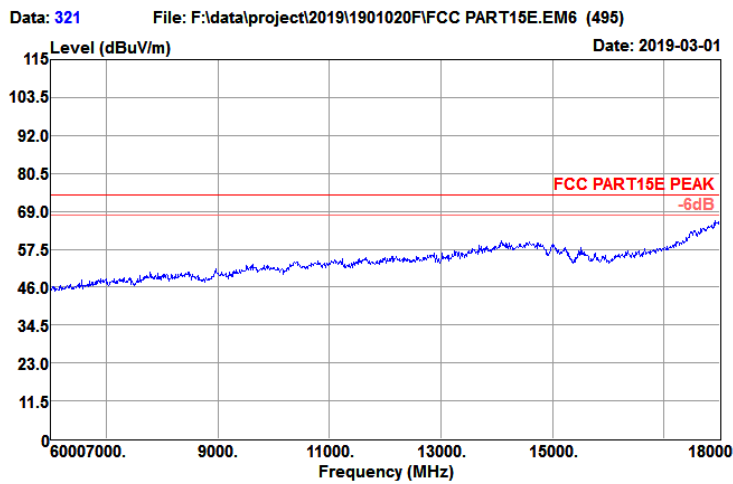
Horizontal:

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	: 802.11ac VHT20 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
5265.000	106.00	31.91	5.66	35.81	107.76	74.00	33.76	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	: 802.11ac VHT20 CH52(5260MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

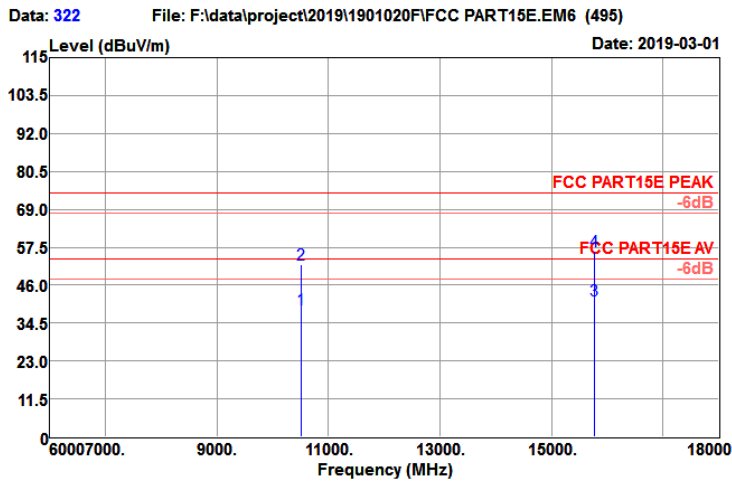
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH52(5260MHz)

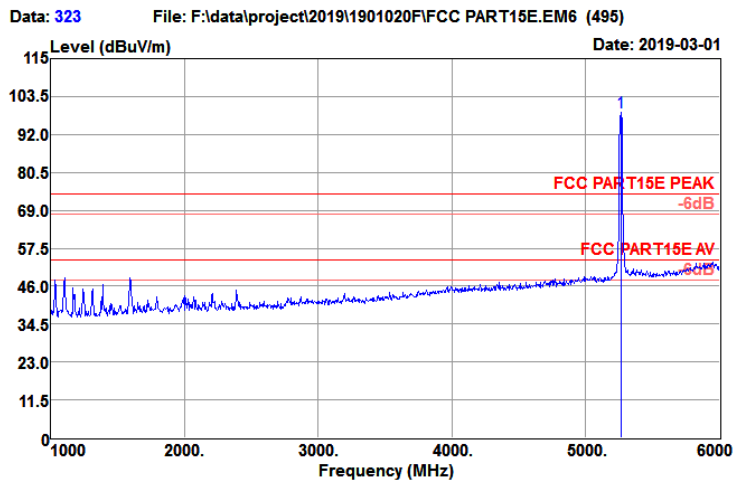


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10520.000	24.82	39.44	8.12	33.85	38.53	54.00	-15.47	Average
10520.000	38.58	39.44	8.12	33.85	52.29	74.00	-21.71	Peak
15780.000	25.00	38.28	9.58	31.51	41.35	54.00	-12.65	Average
15780.000	39.85	38.28	9.58	31.51	56.20	74.00	-17.80	Peak

802.11 AC20 5240MHz

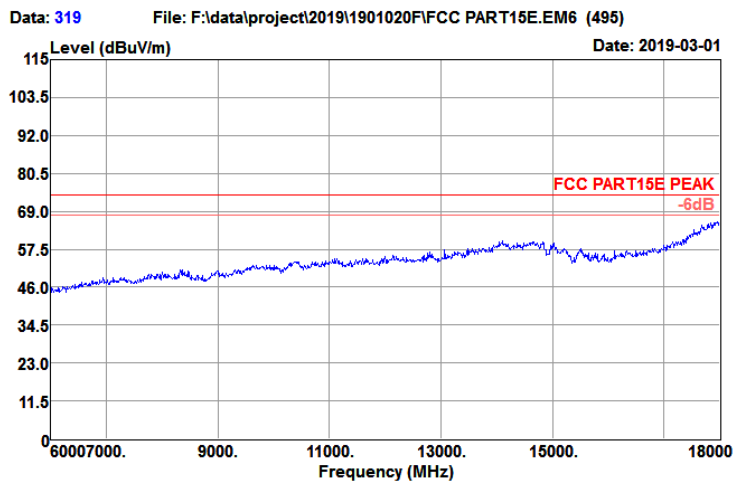
Vertical:

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	: 802.11ac VHT20 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
5265.000	97.04	31.91	5.66	35.81	98.80	74.00	24.80	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 CH52(5260MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

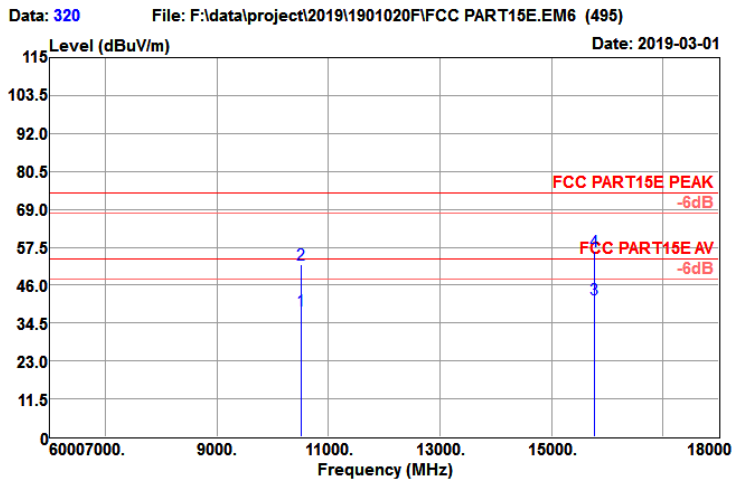
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH52(5260MHz)

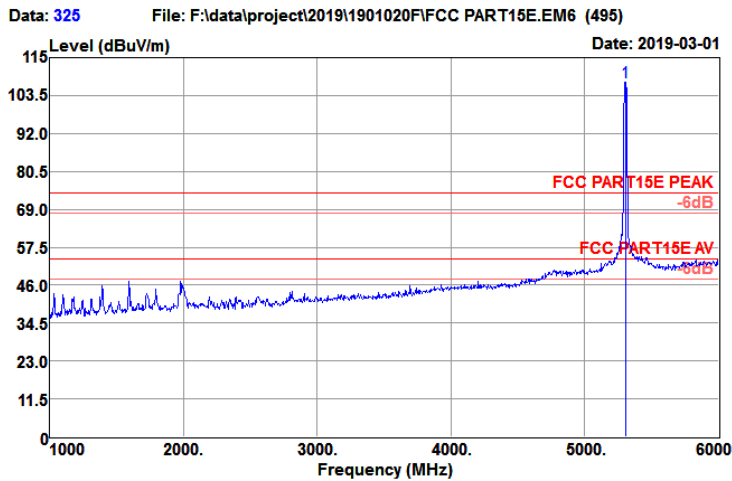


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10520.000	24.77	39.44	8.12	33.85	38.48	54.00	-15.52	Average
10520.000	38.59	39.44	8.12	33.85	52.30	74.00	-21.70	Peak
15780.000	25.48	38.28	9.58	31.51	41.83	54.00	-12.17	Average
15780.000	39.81	38.28	9.58	31.51	56.16	74.00	-17.84	Peak

802.11 AC20 5300MHz

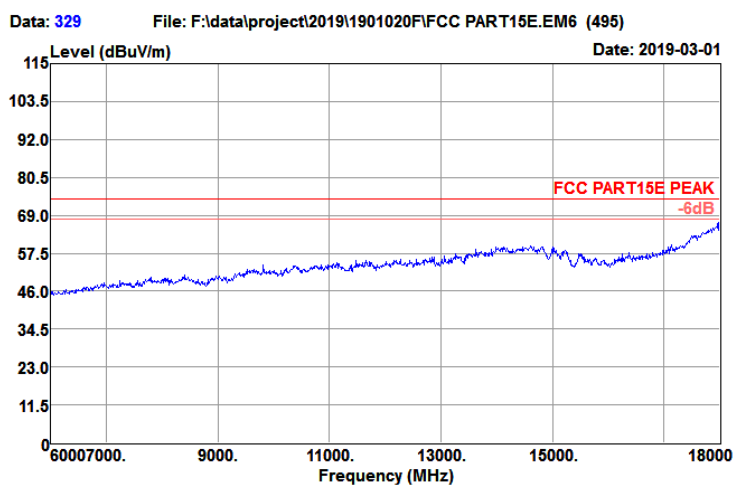
Horizontal:

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	: 802.11ac VHT20 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	105.70	31.94	5.81	35.75	107.70	74.00	33.70	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 CH60(5300MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

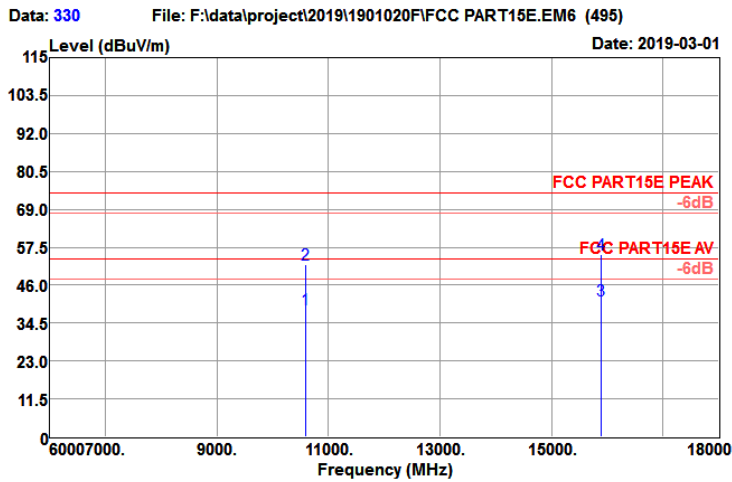
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH60(5300MHz)

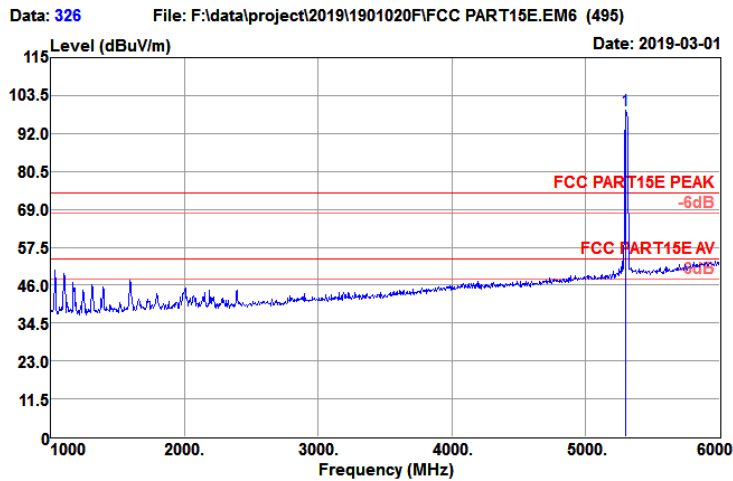


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10600.000	24.86	39.58	8.17	33.78	38.83	54.00	-15.17	Average
10600.000	38.32	39.58	8.17	33.78	52.29	74.00	-21.71	Peak
15900.000	25.49	37.91	9.52	31.45	41.47	54.00	-12.53	Average
15900.000	39.19	37.91	9.52	31.45	55.17	74.00	-18.83	Peak

802.11 AC20 5300MHz

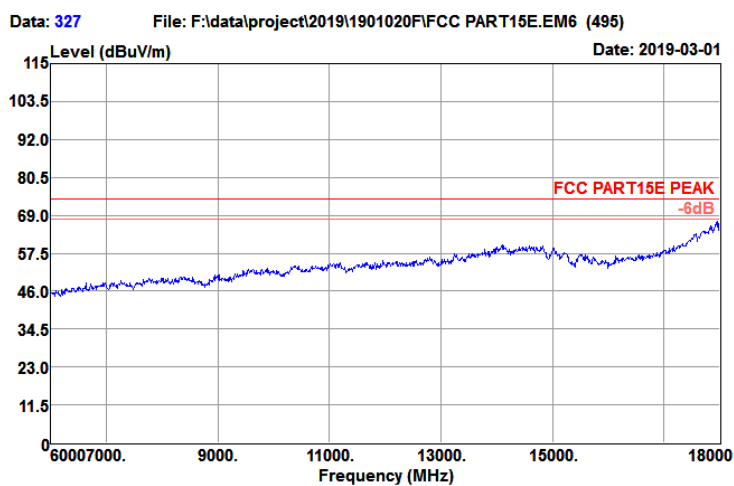
Vertical:

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	: 802.11ac VHT20 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
5295.000	97.03	31.94	5.78	35.76	98.99	74.00	24.99	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 CH60(5300MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

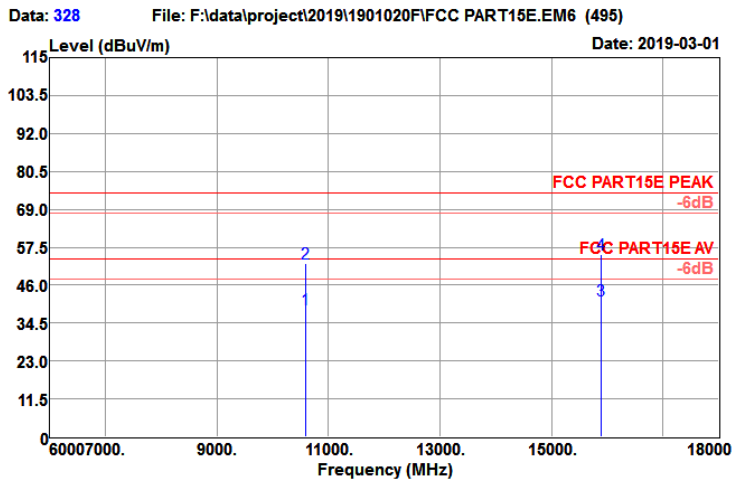
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH60(5300MHz)

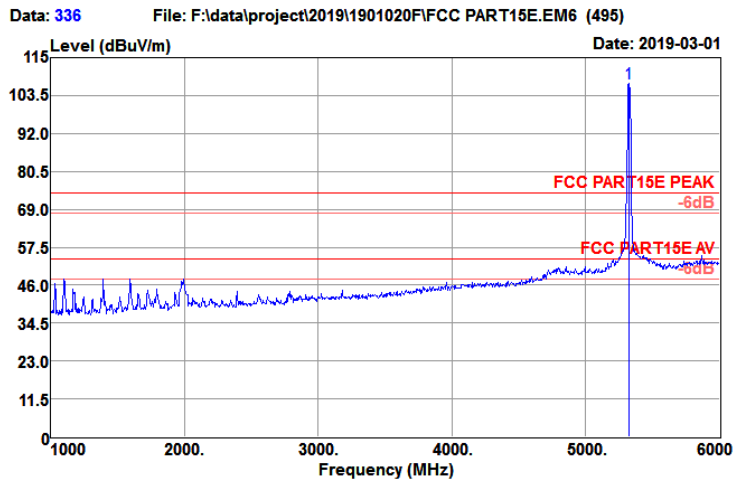


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10600.000	24.79	39.58	8.17	33.78	38.76	54.00	-15.24	Average
10600.000	38.52	39.58	8.17	33.78	52.49	74.00	-21.51	Peak
15900.000	25.55	37.91	9.52	31.45	41.53	54.00	-12.47	Average
15900.000	39.27	37.91	9.52	31.45	55.25	74.00	-18.75	Peak

802.11 AC20 5320MHz

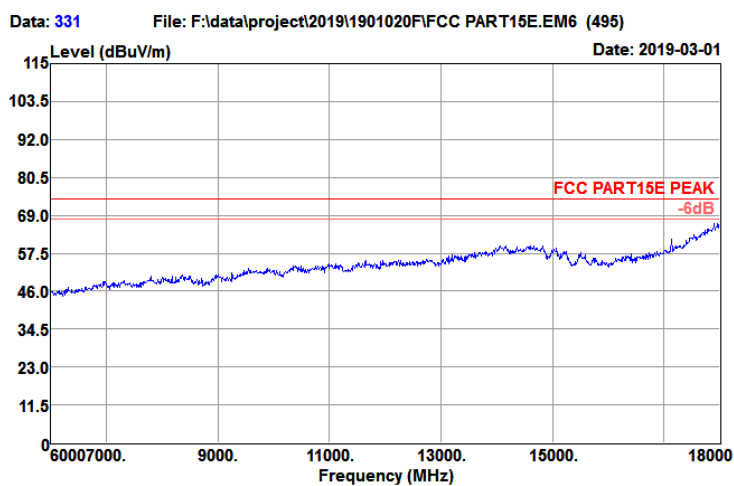
Horizontal:

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)		



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	105.25	31.96	5.87	35.73	107.35	74.00	33.35	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 CH64(5320MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

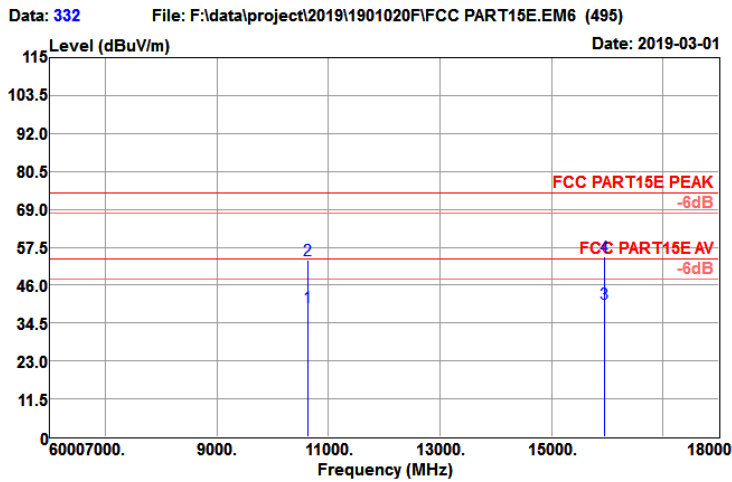
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH64(5320MHz)

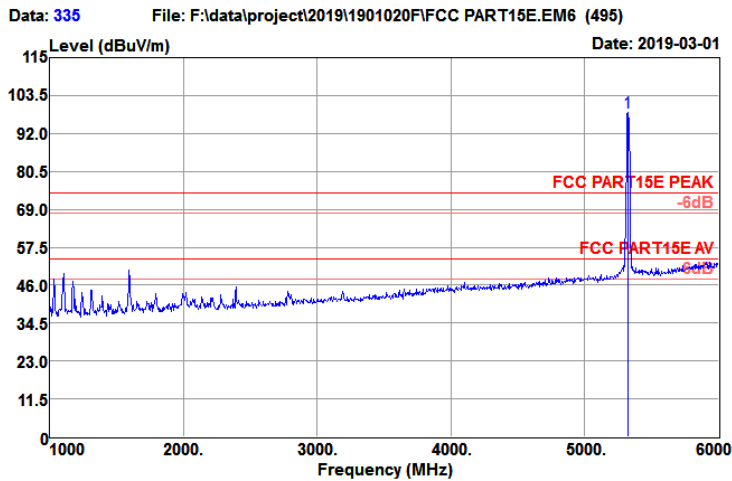


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10640.000	25.29	39.65	8.19	33.74	39.39	54.00	-14.61	Average
10640.000	39.61	39.65	8.19	33.74	53.71	74.00	-20.29	Peak
15960.000	24.61	37.72	9.50	31.43	40.40	54.00	-13.60	Average
15960.000	38.99	37.72	9.50	31.43	54.78	74.00	-19.22	Peak

802.11 AC20 5320MHz

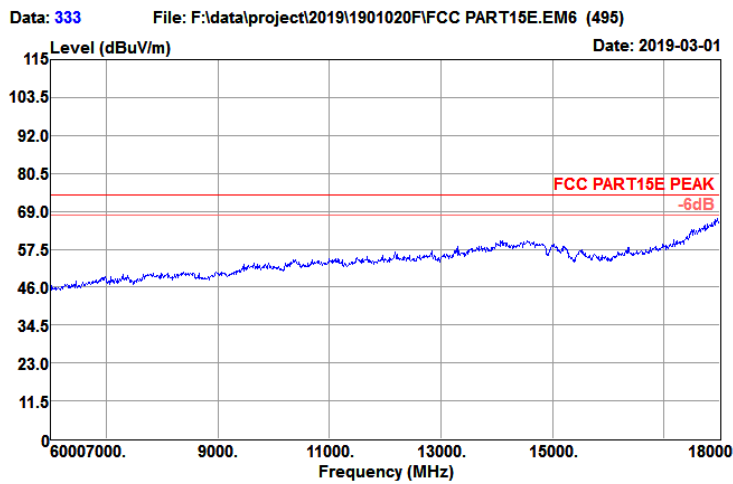
Vertical:

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)		



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	96.38	31.96	5.87	35.73	98.48	74.00	24.48	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 CH64(5320MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

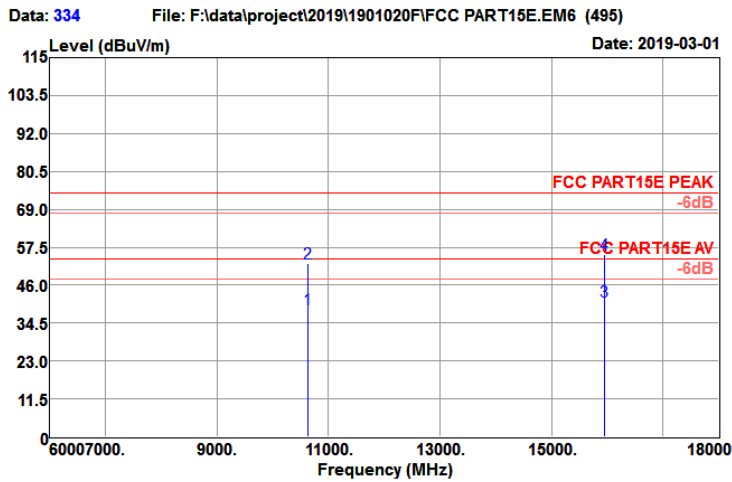
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH64(5320MHz)

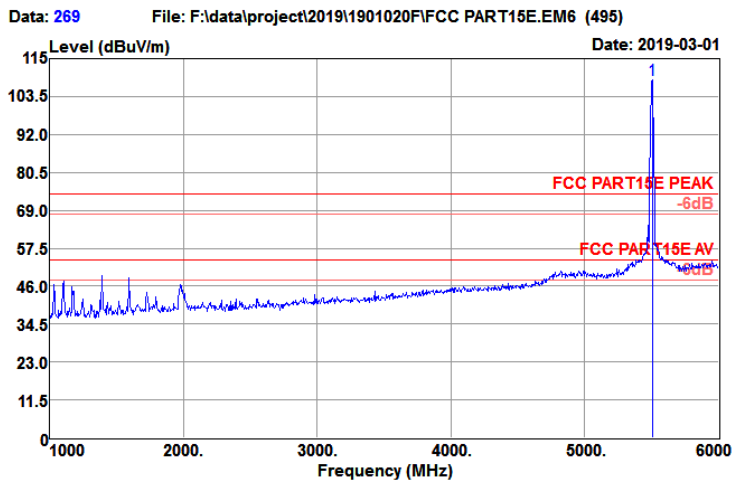


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10640.000	24.68	39.65	8.19	33.74	38.78	54.00	-15.22	Average
10640.000	38.66	39.65	8.19	33.74	52.76	74.00	-21.24	Peak
15960.000	25.11	37.72	9.50	31.43	40.90	54.00	-13.10	Average
15960.000	39.48	37.72	9.50	31.43	55.27	74.00	-18.73	Peak

802.11 AC20 5500MHz

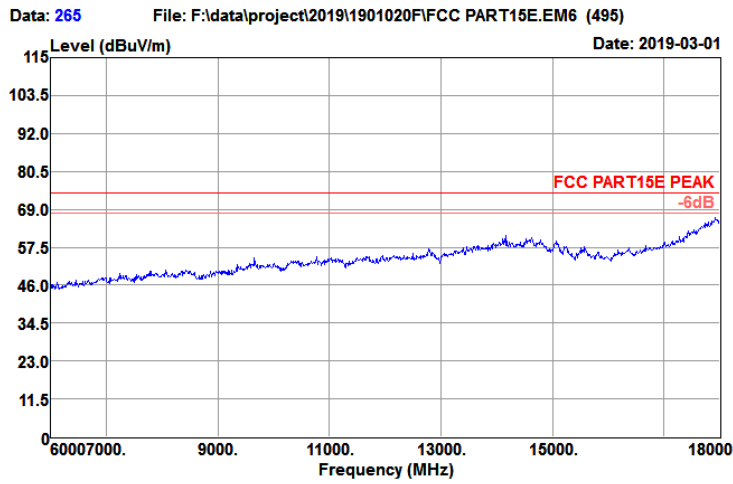
Horizontal:

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)		



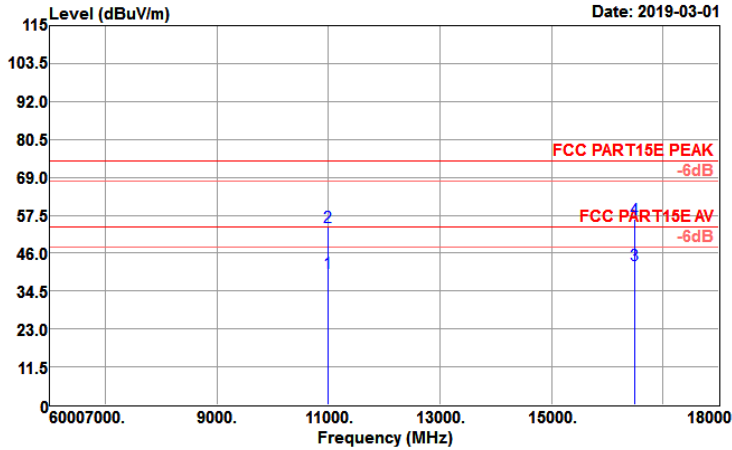
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5505.000	105.56	32.10	6.21	35.45	108.42	74.00	34.42	Peak

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 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	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT20 CH100(5500MHz)		

Data: 266 File: F:\data\project\2019\1901020\F\CC PART15E.EM6 (495) Date: 2019-03-01

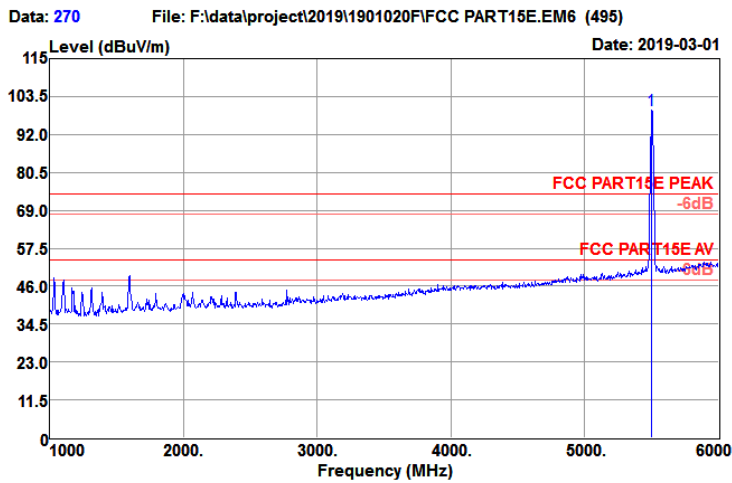


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.85	40.30	8.39	33.43	40.11	54.00	-13.89	Average
11000.000	38.81	40.30	8.39	33.43	54.07	74.00	-19.93	Peak
16500.000	24.36	39.55	9.42	31.07	42.26	54.00	-11.74	Average
16500.000	38.57	39.55	9.42	31.07	56.47	74.00	-17.53	Peak

802.11 AC20 5500MHz

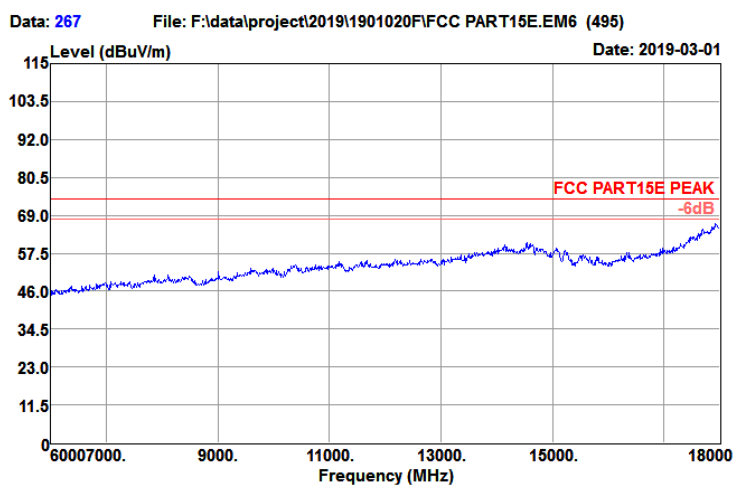
Vertical:

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)		

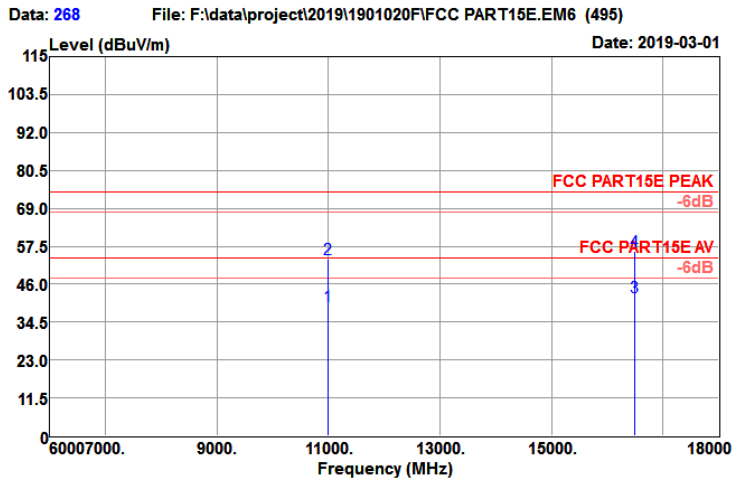


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5500.000	96.67	32.10	6.20	35.46	99.51	74.00	25.51	Peak

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	: 802.11ac 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)		

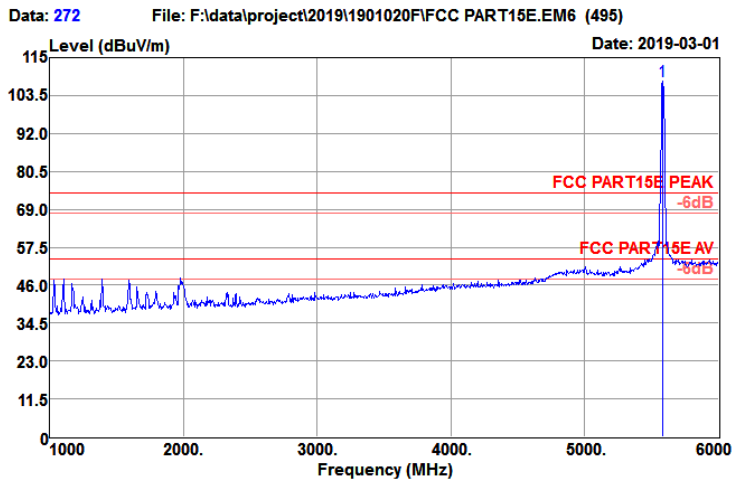


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.12	40.30	8.39	33.43	39.38	54.00	-14.62	Average
11000.000	38.38	40.30	8.39	33.43	53.64	74.00	-20.36	Peak
16500.000	24.03	39.55	9.42	31.07	41.93	54.00	-12.07	Average
16500.000	38.19	39.55	9.42	31.07	56.09	74.00	-17.91	Peak

802.11 AC20 5580MHz

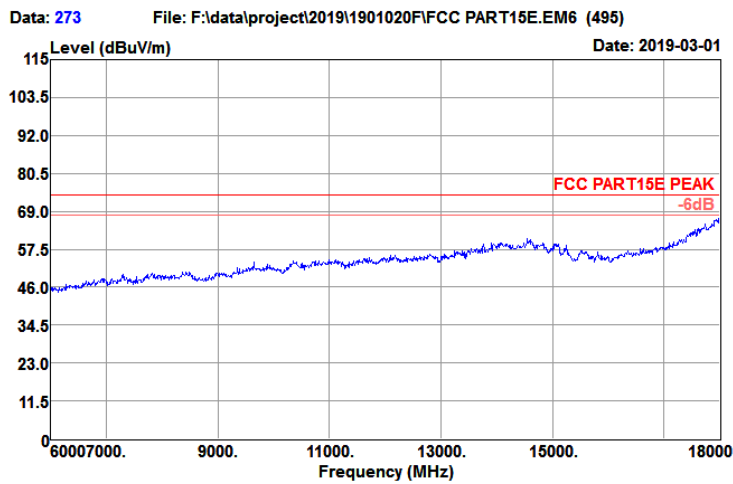
Horizontal:

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	: 802.11ac VHT20 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
5585.000	104.70	32.17	6.23	35.33	107.77	74.00	33.77	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 CH116(5580MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

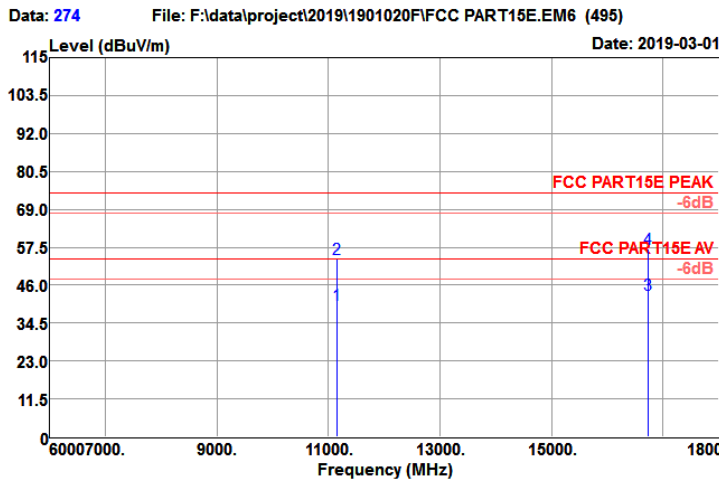
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH116(5580MHz)

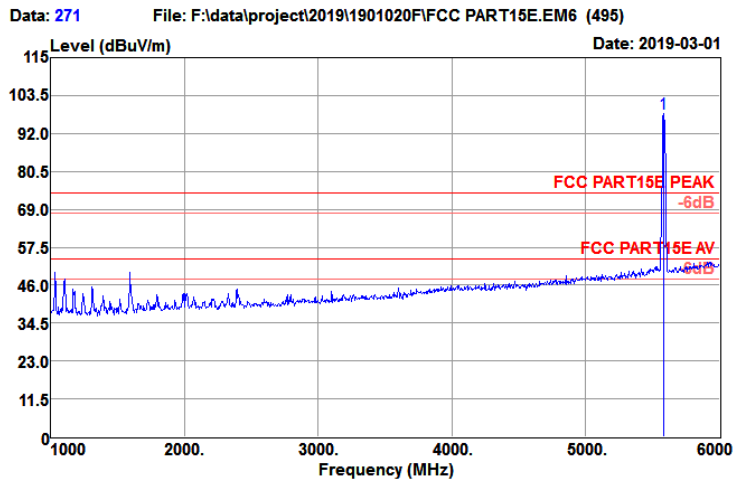


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.75	40.17	8.50	33.29	40.13	54.00	-13.87	Average
11160.000	38.71	40.17	8.50	33.29	54.09	74.00	-19.91	Peak
16740.000	24.11	40.49	9.42	30.90	43.12	54.00	-10.88	Average
16740.000	37.90	40.49	9.42	30.90	56.91	74.00	-17.09	Peak

802.11 AC20 5580MHz

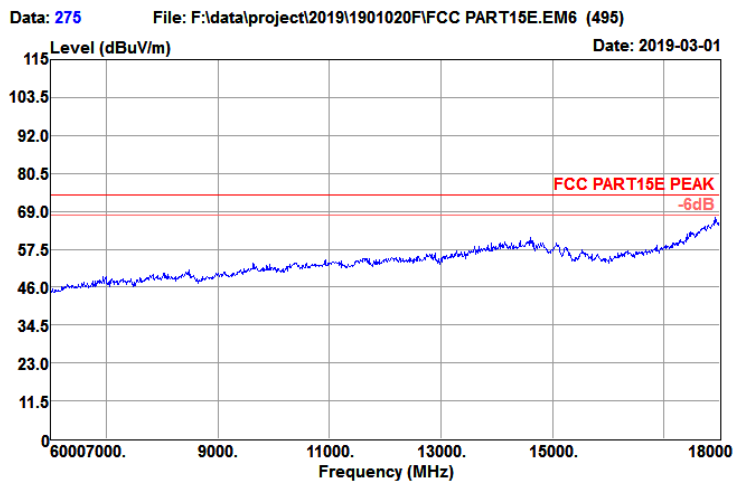
Vertical:

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	: 802.11ac VHT20 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
5580.000	95.06	32.16	6.23	35.34	98.11	74.00	24.11	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 CH116(5580MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

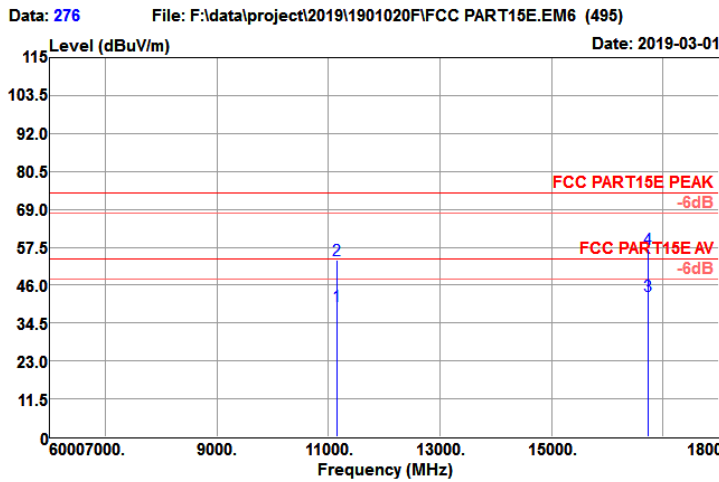
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH116(5580MHz)

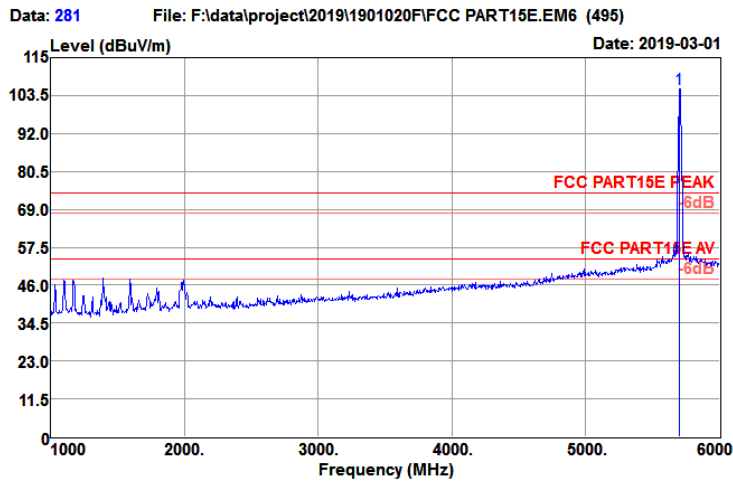


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.28	40.17	8.50	33.29	39.66	54.00	-14.34	Average
11160.000	38.35	40.17	8.50	33.29	53.73	74.00	-20.27	Peak
16740.000	23.91	40.49	9.42	30.90	42.92	54.00	-11.08	Average
16740.000	37.85	40.49	9.42	30.90	56.86	74.00	-17.14	Peak

802.11 AC20 5700MHz

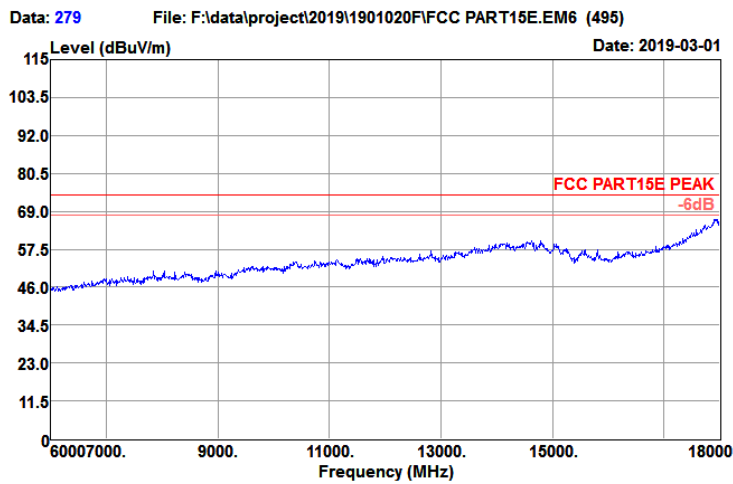
Horizontal:

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)		



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
5700.000	102.00	32.26	6.39	35.16	105.49	74.00	31.49	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 CH140(5700MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

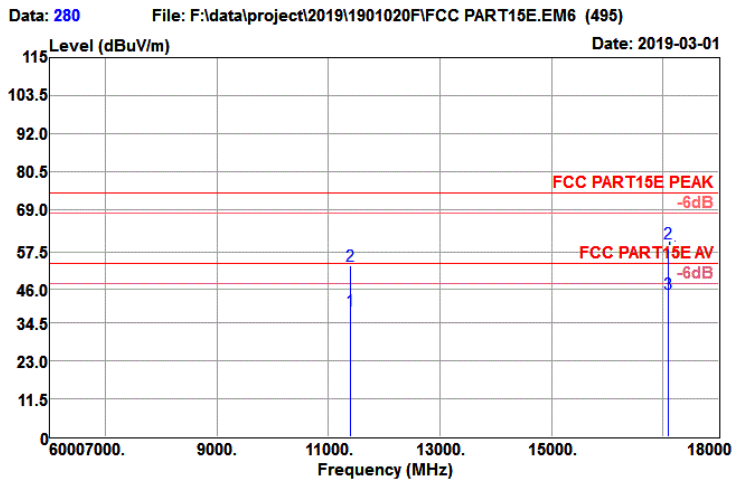
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH140(5700MHz)

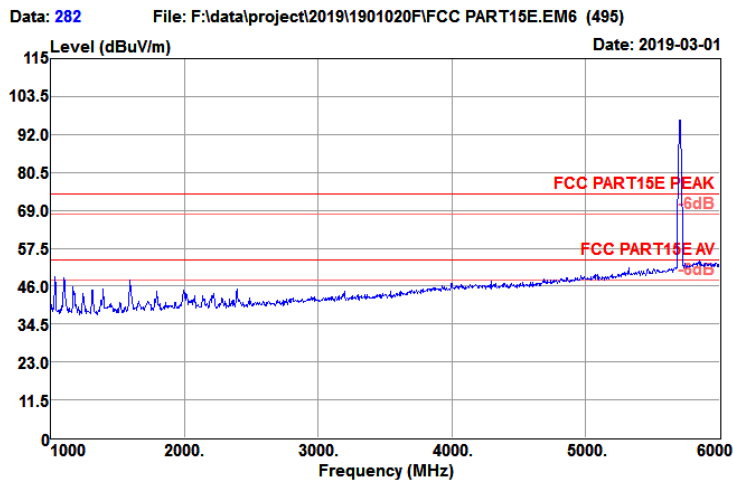


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11400.000	24.19	39.98	8.66	33.08	39.75	54.00	-14.25	Average
11400.000	37.45	39.98	8.66	33.08	53.01	74.00	-20.99	Peak
17100.000	23.82	42.21	9.44	30.65	44.82	54.00	-9.18	Average
17100.000	37.80	42.21	9.44	30.65	58.80	74.00	-15.20	Peak

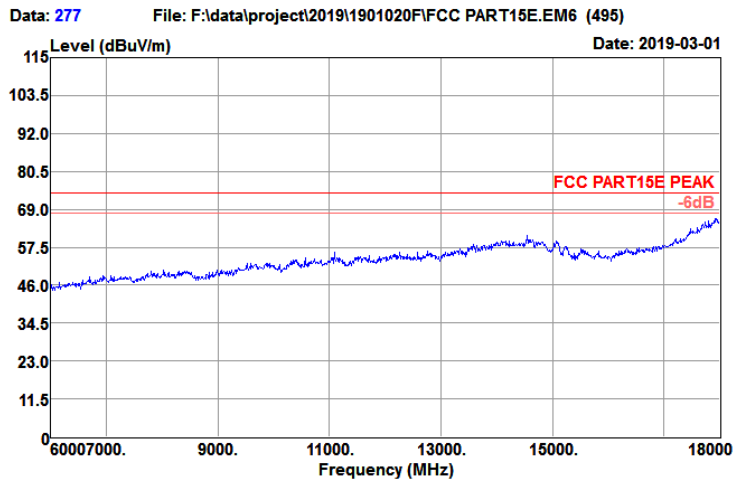
802.11 AC20 5700MHz

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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

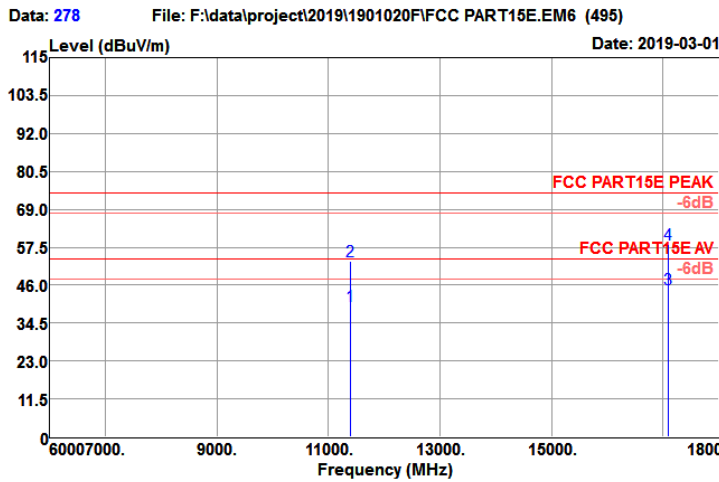
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH140(5700MHz)

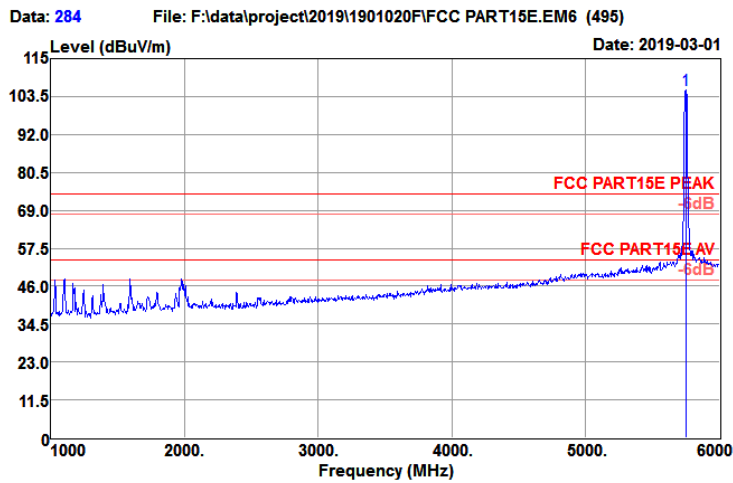


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11400.000	24.19	39.98	8.66	33.08	39.75	54.00	-14.25	Average
11400.000	37.83	39.98	8.66	33.08	53.39	74.00	-20.61	Peak
17100.000	23.82	42.21	9.44	30.65	44.82	54.00	-9.18	Average
17100.000	37.40	42.21	9.44	30.65	58.40	74.00	-15.60	Peak

802.11 AC20 5745MHz

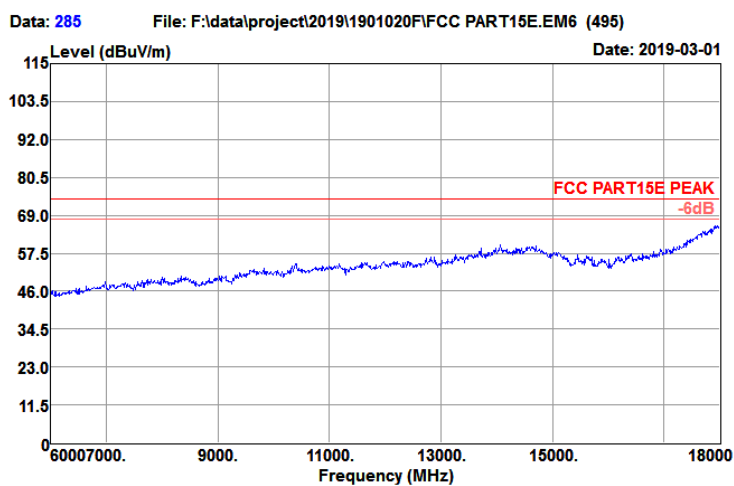
Horizontal:

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)		



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	101.79	32.30	6.45	35.10	105.44	74.00	31.44	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 CH149(5745MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

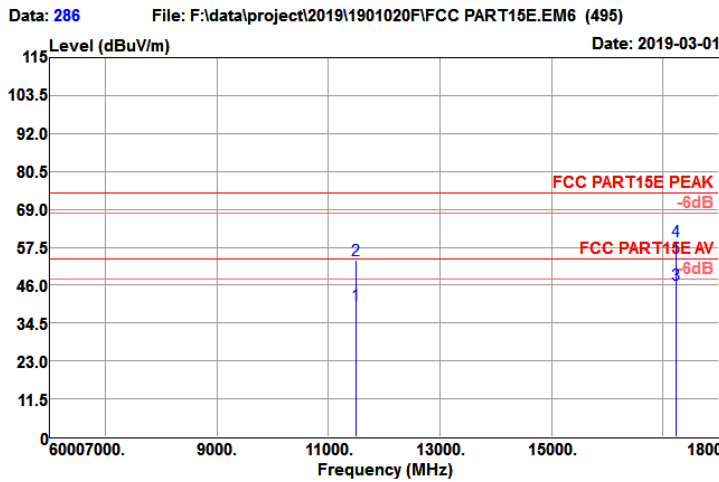
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH149(5745MHz)

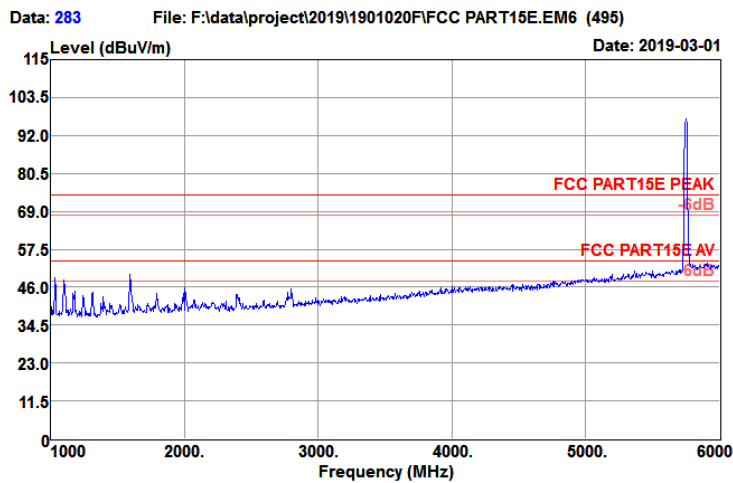


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.39	39.91	8.72	33.00	40.02	54.00	-13.98	Average
11490.000	38.15	39.91	8.72	33.00	53.78	74.00	-20.22	Peak
17235.000	24.00	43.17	9.48	30.56	46.09	54.00	-7.91	Average
17235.000	37.14	43.17	9.48	30.56	59.23	74.00	-14.77	Peak

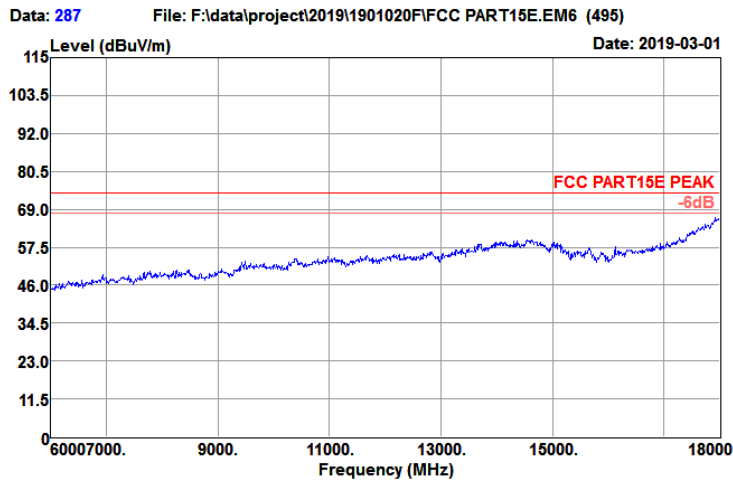
802.11 AC20 5745MHz

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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

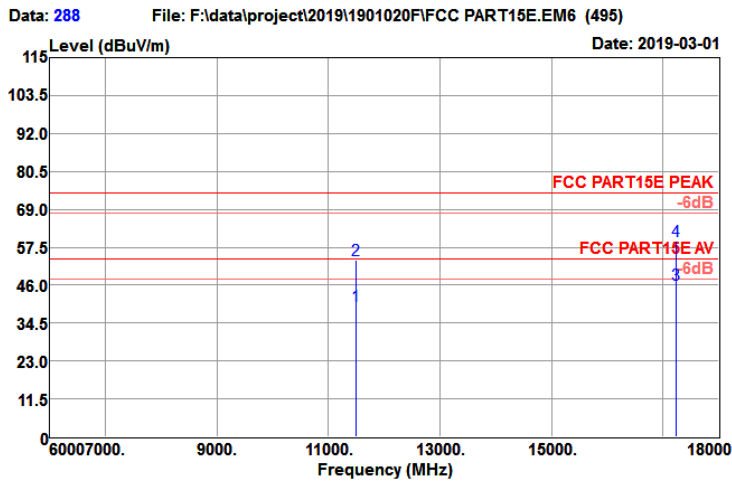
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH149(5745MHz)

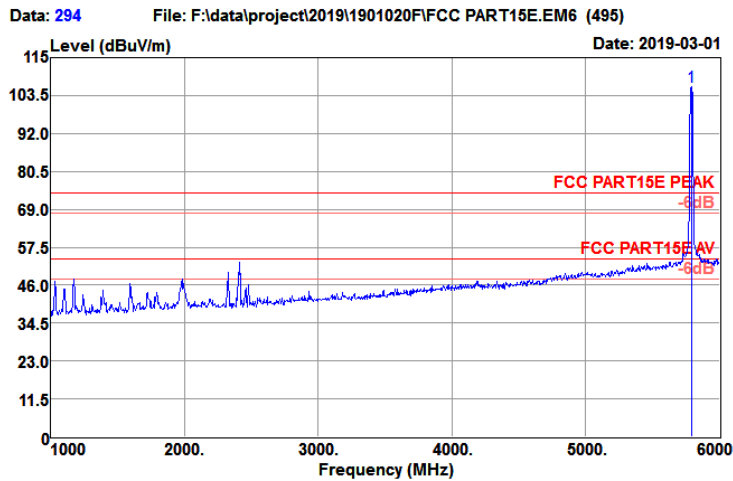


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.09	39.91	8.72	33.00	39.72	54.00	-14.28	Average
11490.000	38.06	39.91	8.72	33.00	53.69	74.00	-20.31	Peak
17235.000	23.90	43.17	9.48	30.56	45.99	54.00	-8.01	Average
17235.000	37.38	43.17	9.48	30.56	59.47	74.00	-14.53	Peak

802.11 AC20 5785MHz

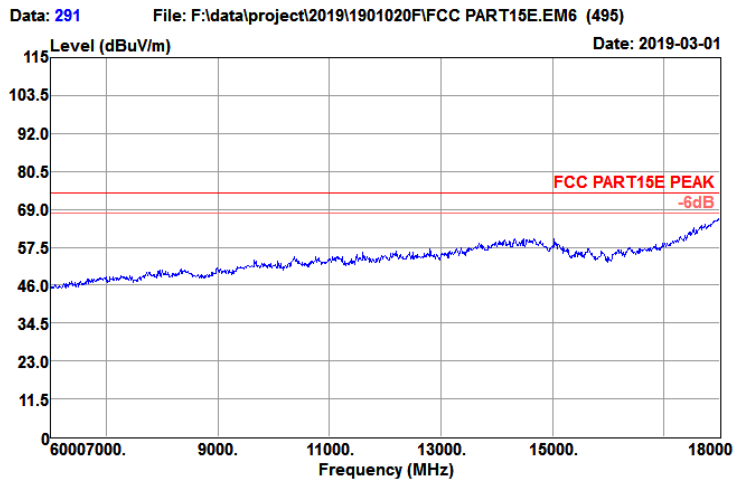
Horizontal:

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	: 802.11ac VHT20 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
5790.000	102.25	32.33	6.52	35.03	106.07	74.00	32.07	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 CH157(5785MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

 Power rating: AC120V/60Hz

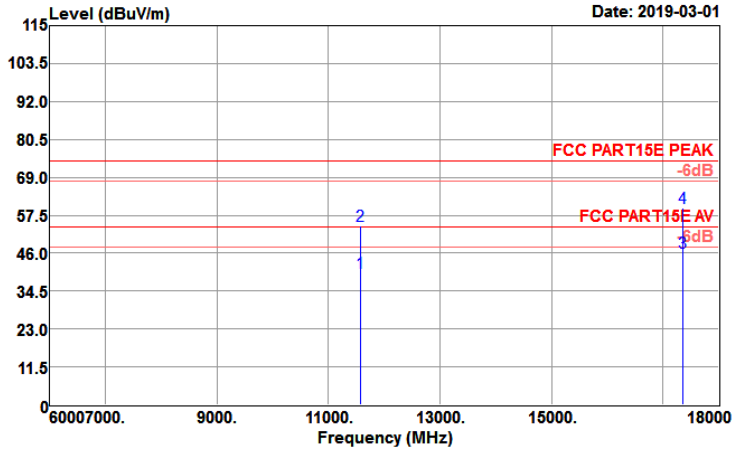
 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH157(5785MHz)

Data: 292 File: F:\data\project\2019\1901020\F\CC PART15E.EM6 (495) Date: 2019-03-01

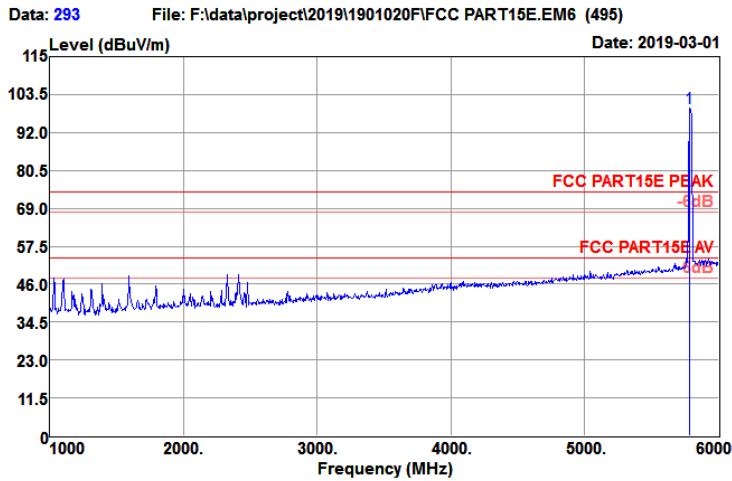


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11570.000	24.36	39.84	8.74	32.93	40.01	54.00	-13.99	Average
11570.000	38.74	39.84	8.74	32.93	54.39	74.00	-19.61	Peak
17355.000	23.13	44.02	9.52	30.48	46.19	54.00	-7.81	Average
17355.000	36.71	44.02	9.52	30.48	59.77	74.00	-14.23	Peak

802.11 AC20 5785MHz

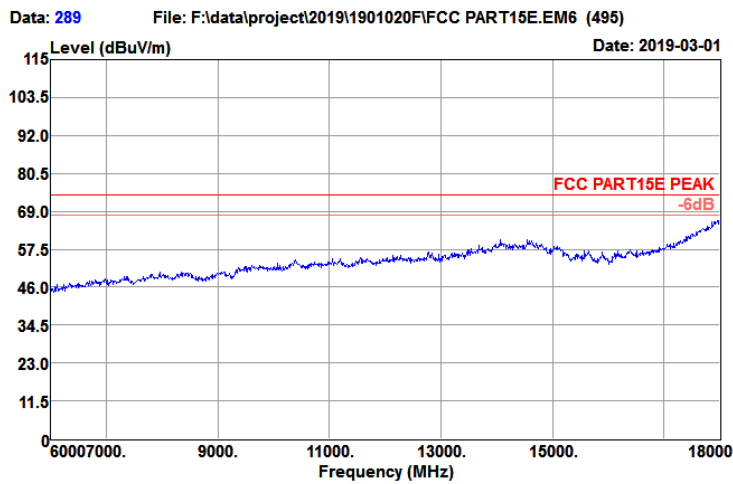
Vertical:

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	: 802.11ac VHT20 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
5785.000	95.61	32.33	6.51	35.04	99.41	74.00	25.41	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 CH157(5785MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

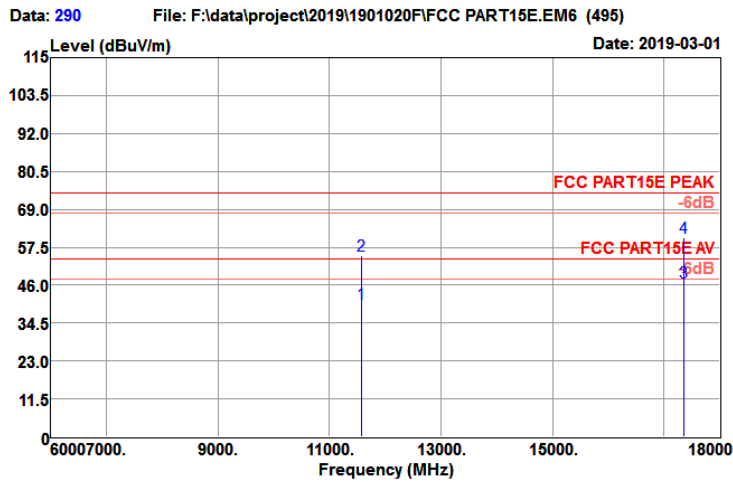
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH157(5785MHz)

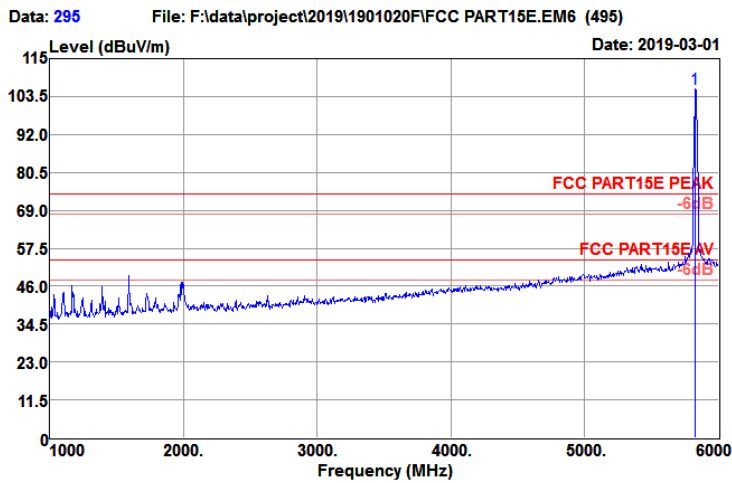


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11570.000	24.88	39.84	8.74	32.93	40.53	54.00	-13.47	Average
11570.000	39.21	39.84	8.74	32.93	54.86	74.00	-19.14	Peak
17355.000	23.63	44.02	9.52	30.48	46.69	54.00	-7.31	Average
17355.000	37.33	44.02	9.52	30.48	60.39	74.00	-13.61	Peak

802.11 AC20 5825MHz

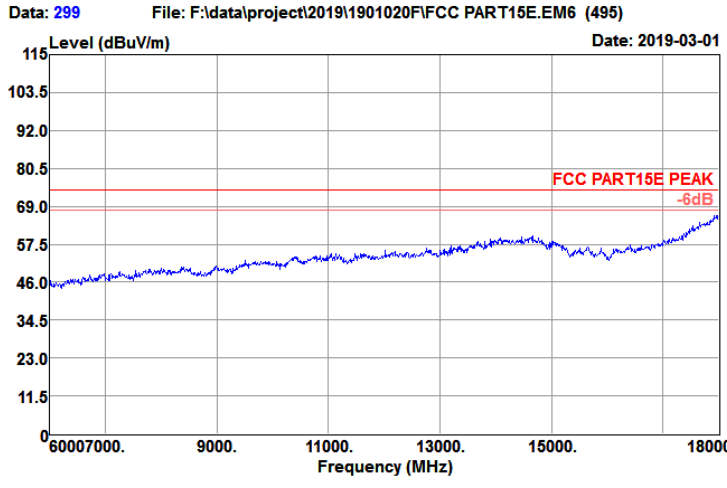
Horizontal:

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	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5825.000	101.85	32.36	6.53	34.98	105.76	74.00	31.76	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	: 802.11ac VHT20 CH165(5825MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

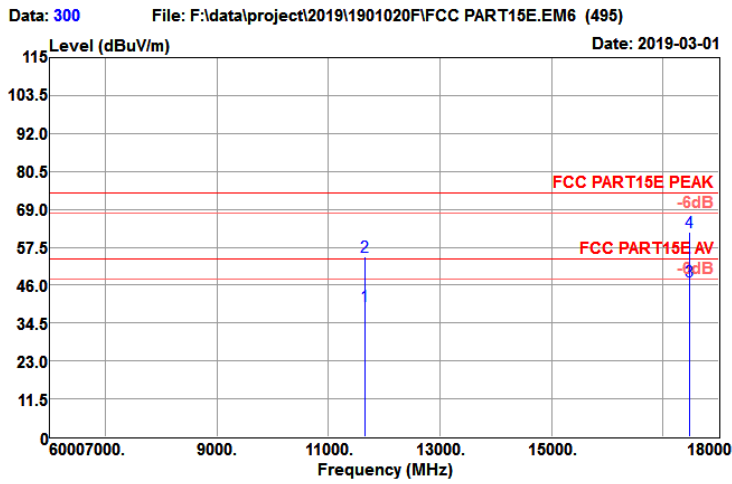
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT20 CH165(5825MHz)

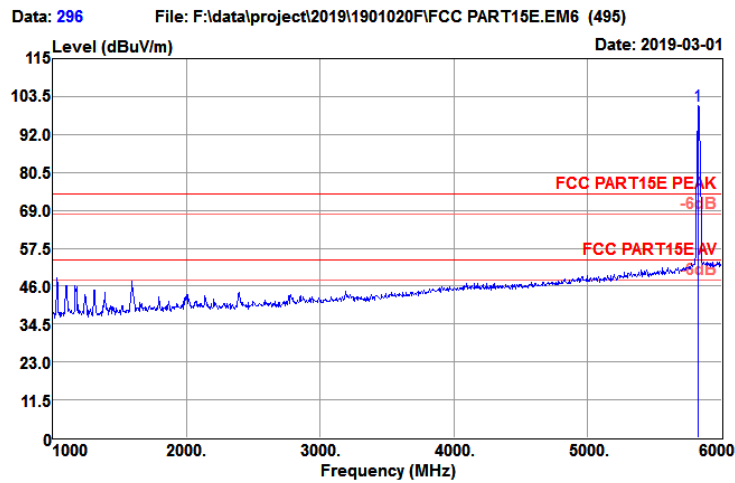


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11650.000	24.02	39.78	8.75	32.86	39.69	54.00	-14.31	Average
11650.000	38.89	39.78	8.75	32.86	54.56	74.00	-19.44	Peak
17475.000	23.22	44.87	9.55	30.39	47.25	54.00	-6.75	Average
17475.000	38.22	44.87	9.55	30.39	62.25	74.00	-11.75	Peak

802.11 AC20 5825MHz

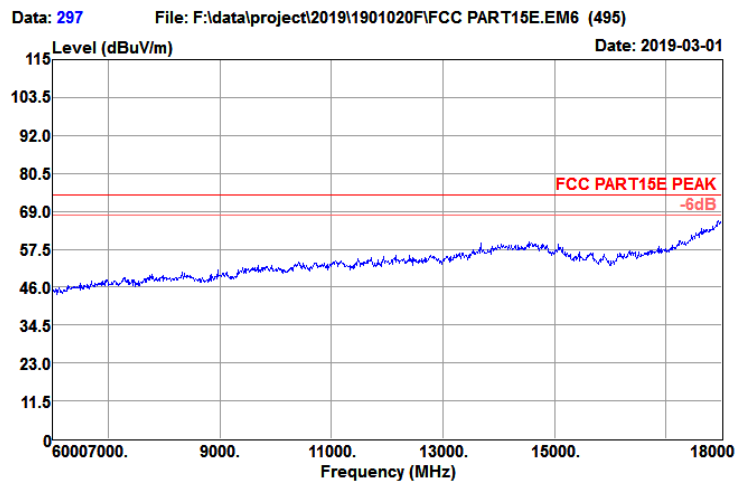
Vertical:

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)		

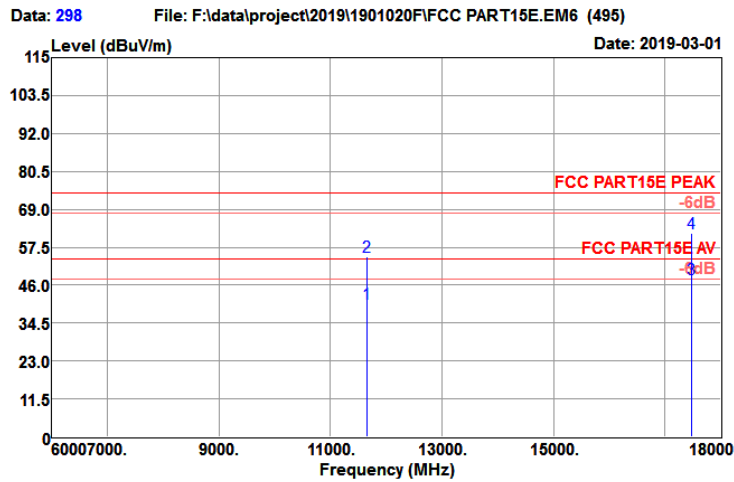


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5825.000	96.76	32.36	6.53	34.98	100.67	74.00	26.67	Peak

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 VHT20 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	: 802.11ac VHT20 CH165(5825MHz)		



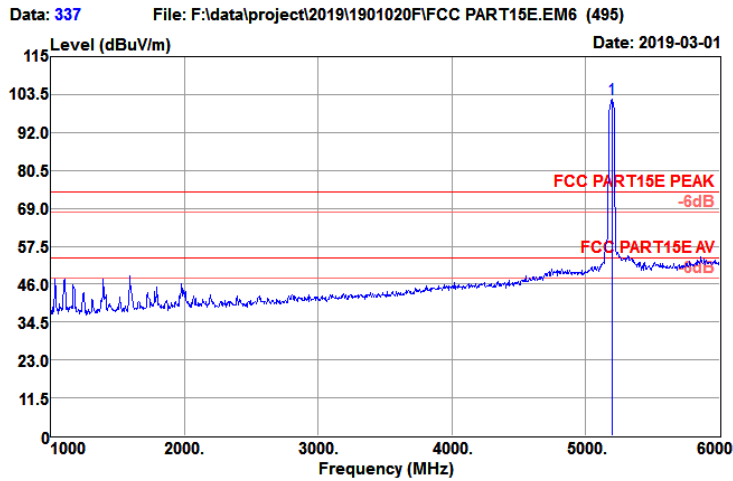
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11650.000	24.59	39.78	8.75	32.86	40.26	54.00	-13.74	Average
11650.000	38.86	39.78	8.75	32.86	54.53	74.00	-19.47	Peak
17475.000	23.89	44.87	9.55	30.39	47.92	54.00	-6.08	Average
17475.000	37.82	44.87	9.55	30.39	61.85	74.00	-12.15	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.

802.11 AC40 5190MHz

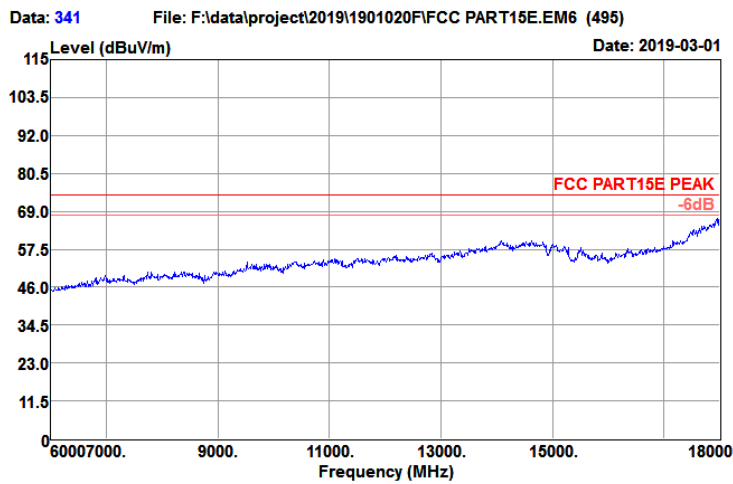
Horizontal:

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)		



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
5195.000	100.75	31.86	5.42	35.91	102.12	74.00	28.12	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 CH38(5190MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

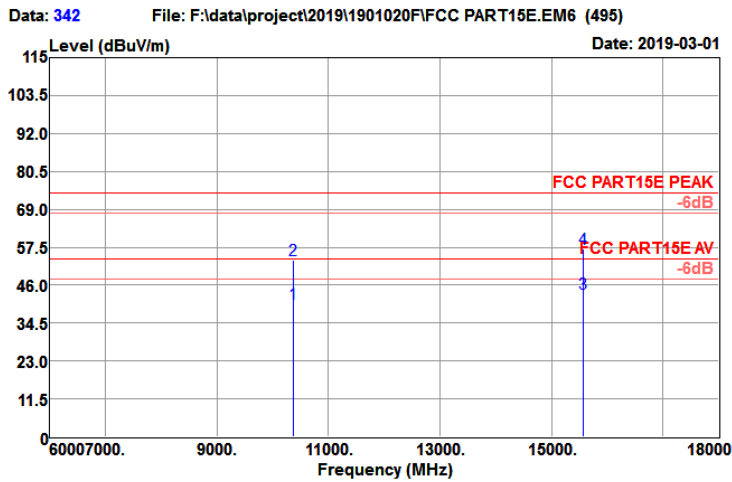
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH38(5190MHz)

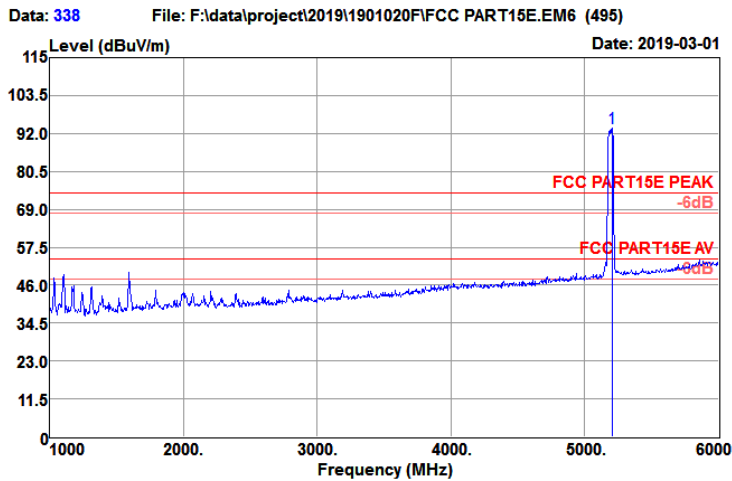


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10380.000	27.03	39.18	8.10	33.97	40.34	54.00	-13.66	Average
10380.000	40.36	39.18	8.10	33.97	53.67	74.00	-20.33	Peak
15570.000	26.30	38.93	9.67	31.60	43.30	54.00	-10.70	Average
15570.000	40.08	38.93	9.67	31.60	57.08	74.00	-16.92	Peak

802.11 AC40 5190MHz

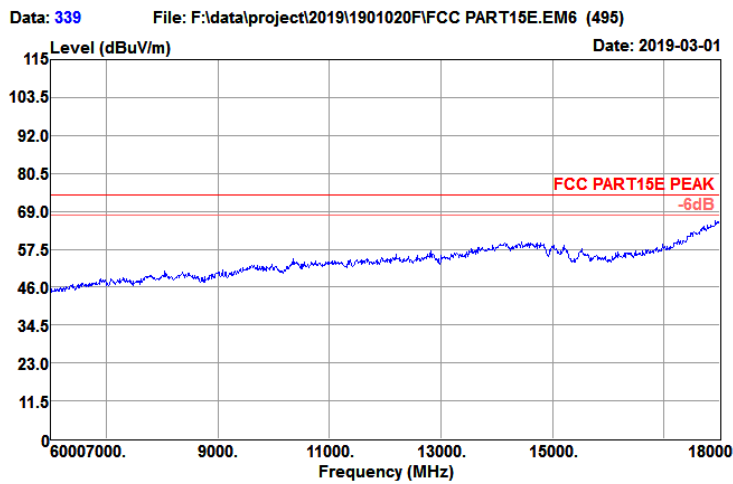
Vertical:

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
5205.000	92.14	31.86	5.44	35.90	93.54	74.00	19.54	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

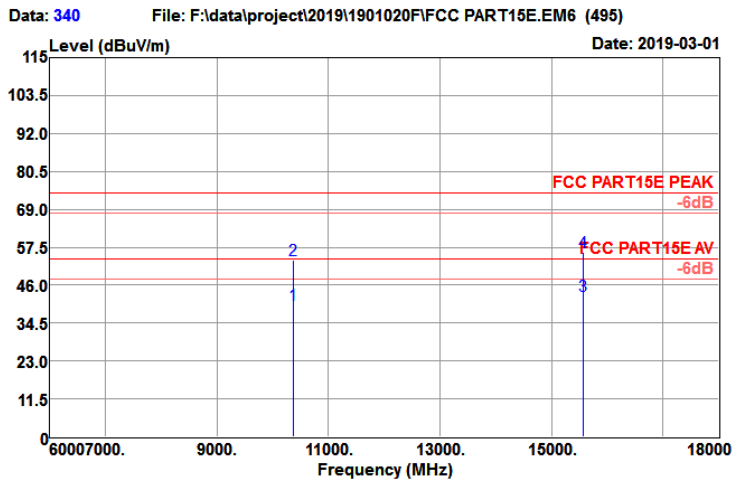
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH38(5190MHz)

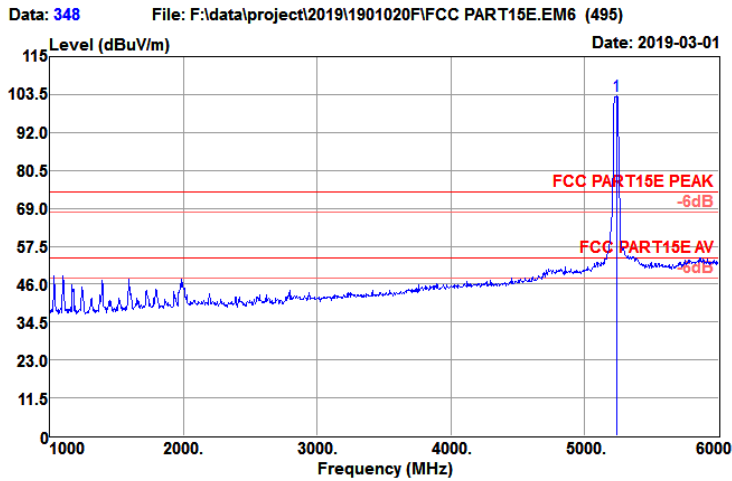


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10380.000	26.82	39.18	8.10	33.97	40.13	54.00	-13.87	Average
10380.000	40.46	39.18	8.10	33.97	53.77	74.00	-20.23	Peak
15570.000	25.63	38.93	9.67	31.60	42.63	54.00	-11.37	Average
15570.000	38.94	38.93	9.67	31.60	55.94	74.00	-18.06	Peak

802.11 AC40 5230MHz

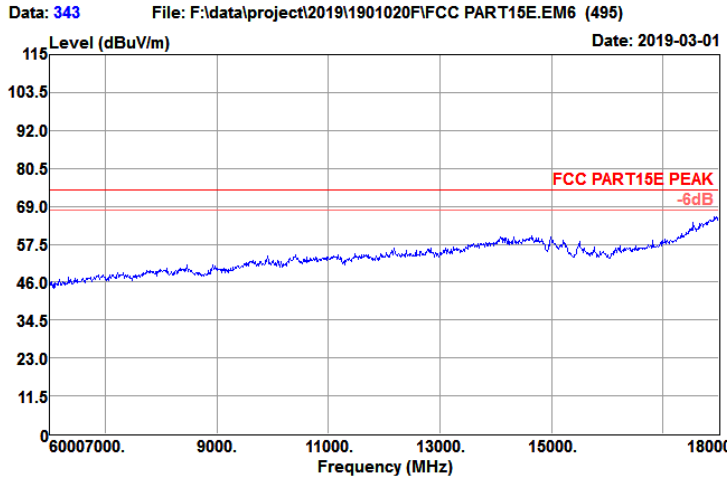
Horizontal:

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 CH46(5230MHz)		



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	101.62	31.89	5.57	35.84	103.24	74.00	29.24	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	: 802.11ac VHT40 CH46(5230MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

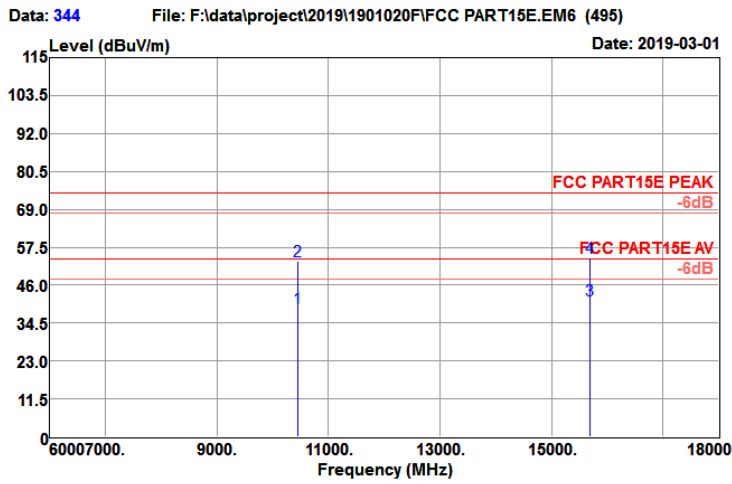
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH46(5230MHz)

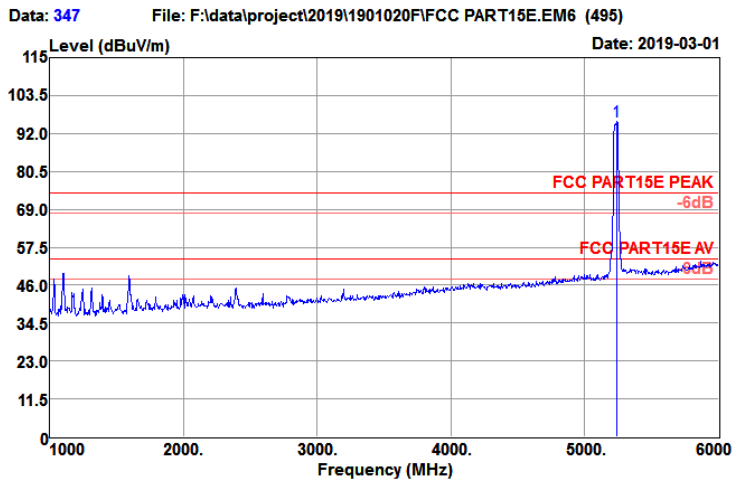


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10460.000	25.48	39.33	8.11	33.90	39.02	54.00	-14.98	Average
10460.000	39.64	39.33	8.11	33.90	53.18	74.00	-20.82	Peak
15690.000	24.82	38.56	9.62	31.55	41.45	54.00	-12.55	Average
15690.000	37.56	38.56	9.62	31.55	54.19	74.00	-19.81	Peak

802.11 AC40 5230MHz

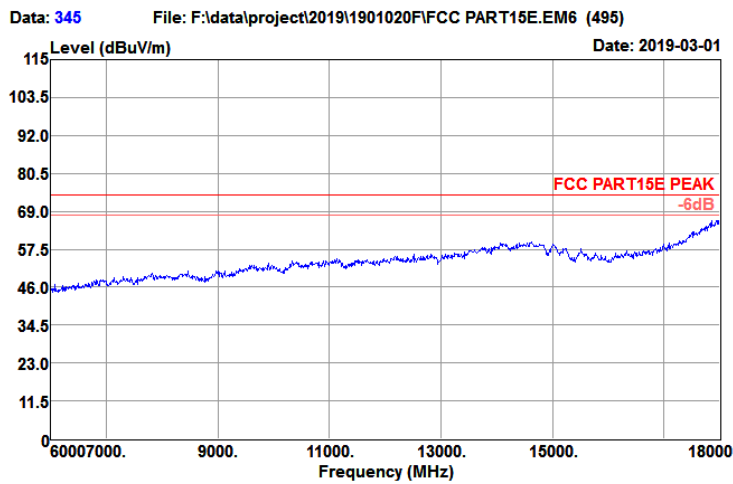
Vertical:

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 CH46(5230MHz)		



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
5235.000	94.25	31.89	5.55	35.85	95.84	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	: 802.11ac VHT40 CH46(5230MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

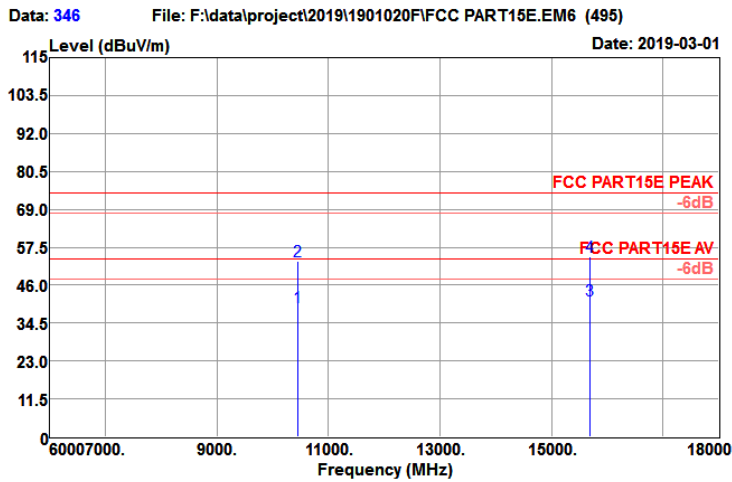
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH46(5230MHz)

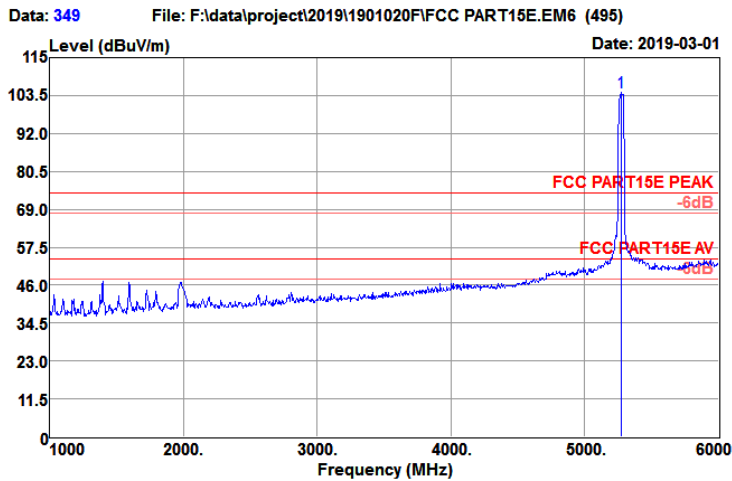


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10460.000	25.85	39.33	8.11	33.90	39.39	54.00	-14.61	Average
10460.000	39.67	39.33	8.11	33.90	53.21	74.00	-20.79	Peak
15690.000	24.73	38.56	9.62	31.55	41.36	54.00	-12.64	Average
15690.000	37.91	38.56	9.62	31.55	54.54	74.00	-19.46	Peak

802.11 AC40 5270MHz

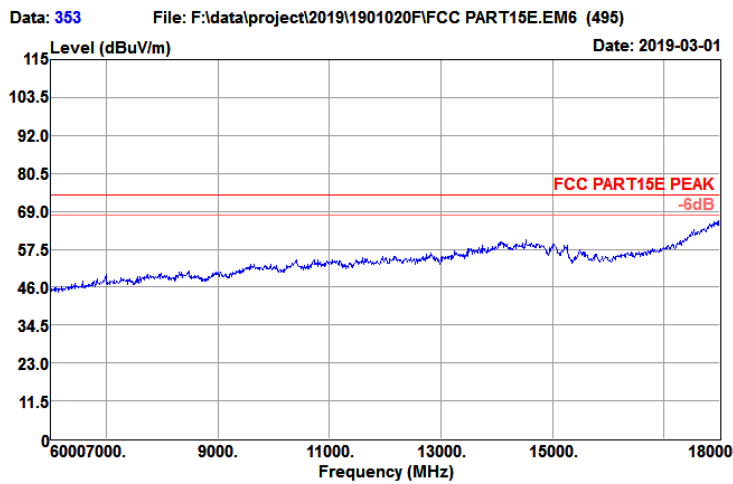
Horizontal:

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 CH54(5270MHz)		



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
5275.000	102.53	31.92	5.70	35.79	104.36	74.00	30.36	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 CH54(5270MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

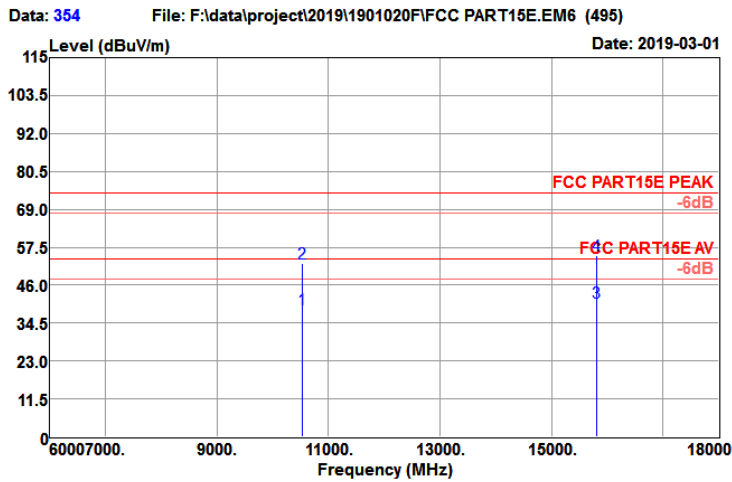
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH54(5270MHz)

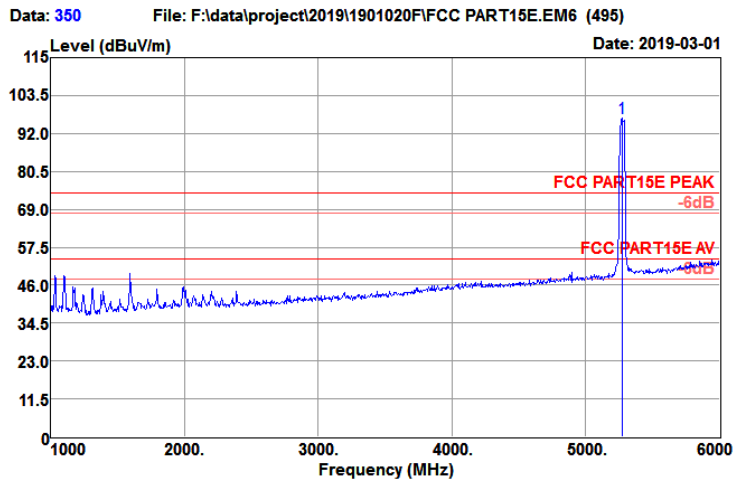


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10540.000	24.91	39.47	8.13	33.83	38.68	54.00	-15.32	Average
10540.000	38.81	39.47	8.13	33.83	52.58	74.00	-21.42	Peak
15810.000	24.39	38.19	9.56	31.50	40.64	54.00	-13.36	Average
15810.000	38.72	38.19	9.56	31.50	54.97	74.00	-19.03	Peak

802.11 AC40 5270MHz

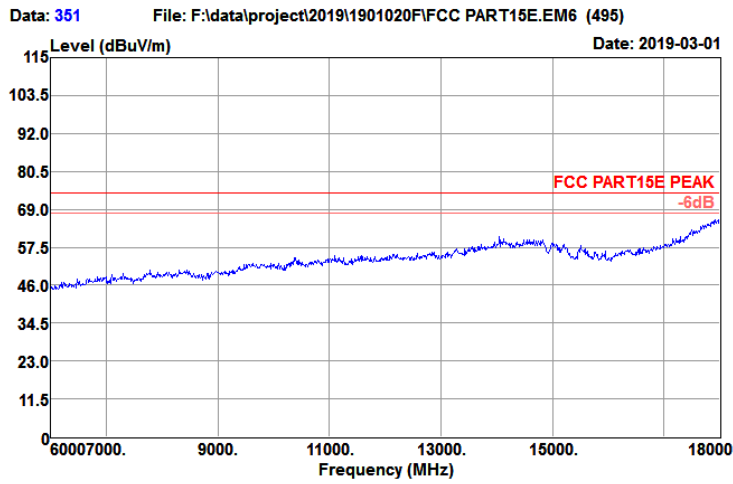
Vertical:

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 CH54(5270MHz)		



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
5270.000	94.74	31.92	5.68	35.80	96.54	74.00	22.54	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 CH54(5270MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

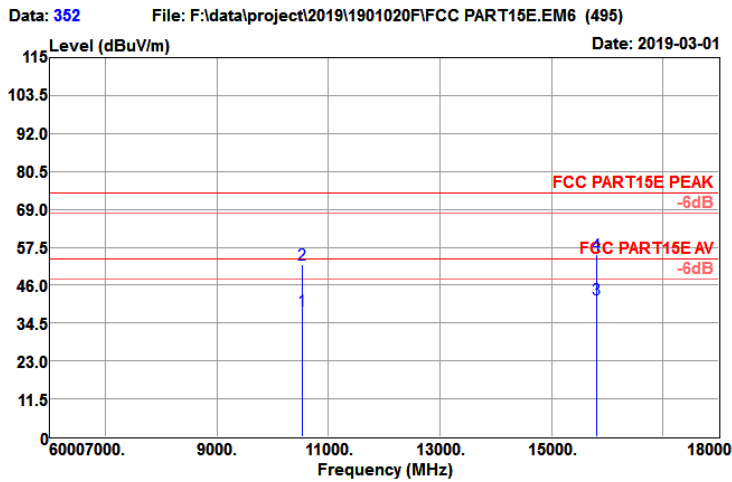
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH54(5270MHz)

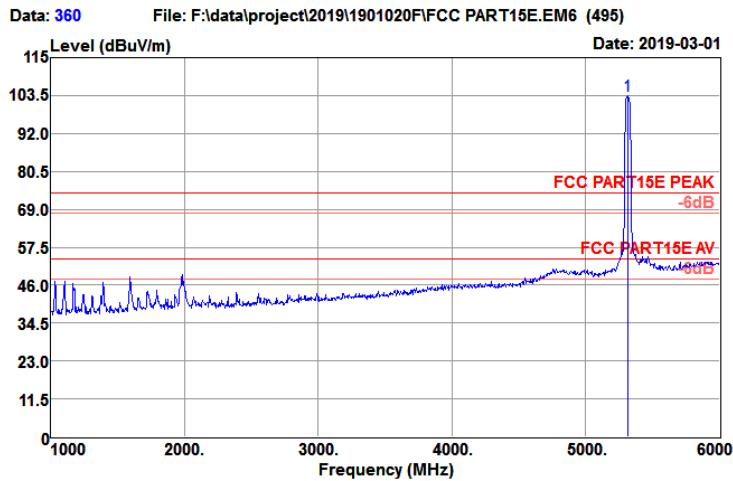


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10540.000	24.46	39.47	8.13	33.83	38.23	54.00	-15.77	Average
10540.000	38.54	39.47	8.13	33.83	52.31	74.00	-21.69	Peak
15810.000	25.48	38.19	9.56	31.50	41.73	54.00	-12.27	Average
15810.000	39.03	38.19	9.56	31.50	55.28	74.00	-18.72	Peak

802.11 AC40 5310MHz

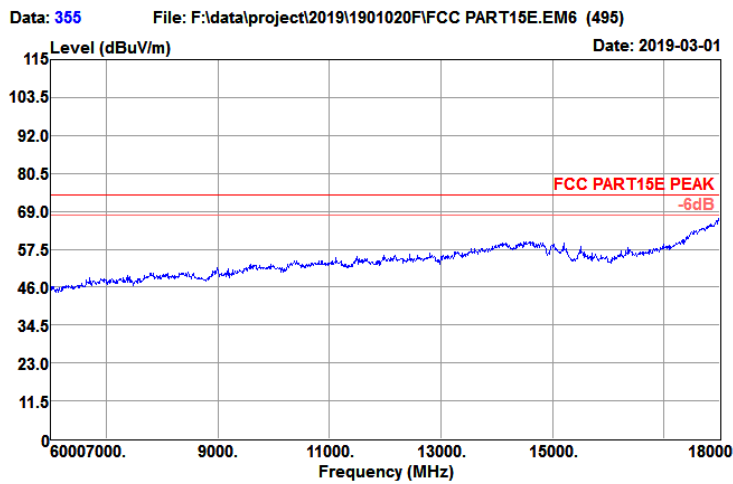
Horizontal:

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)		



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
5310.000	101.55	31.95	5.83	35.74	103.59	74.00	29.59	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 CH62(5310MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

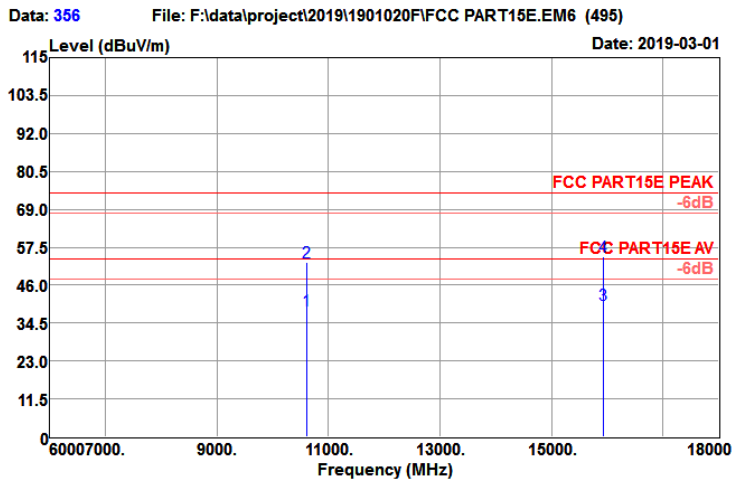
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH62(5310MHz)

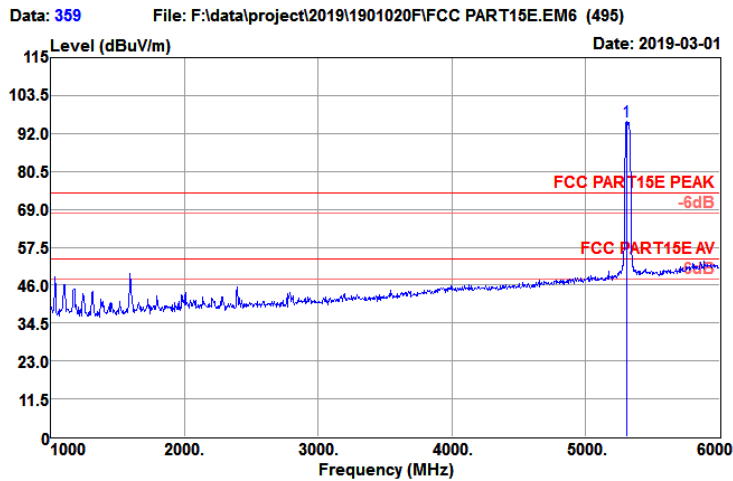


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10620.000	24.32	39.62	8.18	33.76	38.36	54.00	-15.64	Average
10620.000	38.74	39.62	8.18	33.76	52.78	74.00	-21.22	Peak
15930.000	24.13	37.82	9.51	31.44	40.02	54.00	-13.98	Average
15930.000	38.86	37.82	9.51	31.44	54.75	74.00	-19.25	Peak

802.11 AC40 5310MHz

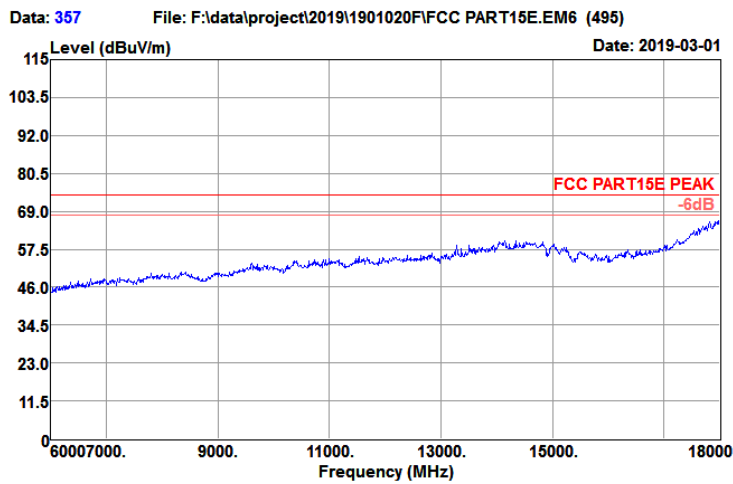
Vertical:

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
5305.000	93.55	31.94	5.81	35.75	95.55	74.00	21.55	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 VHT40 CH62(5310MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

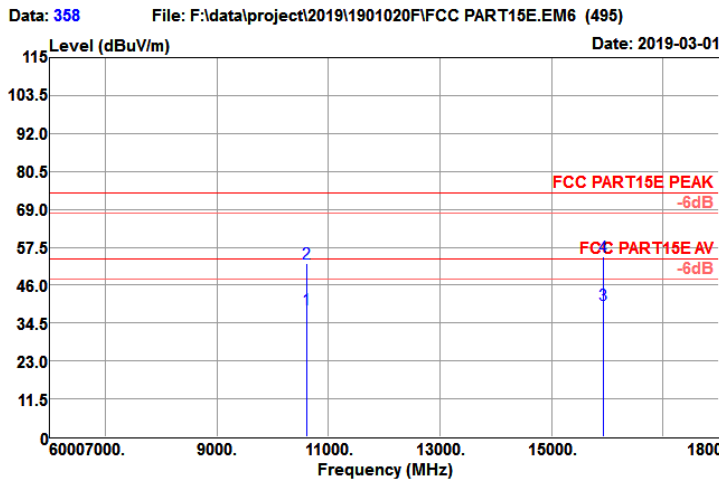
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH62(5310MHz)

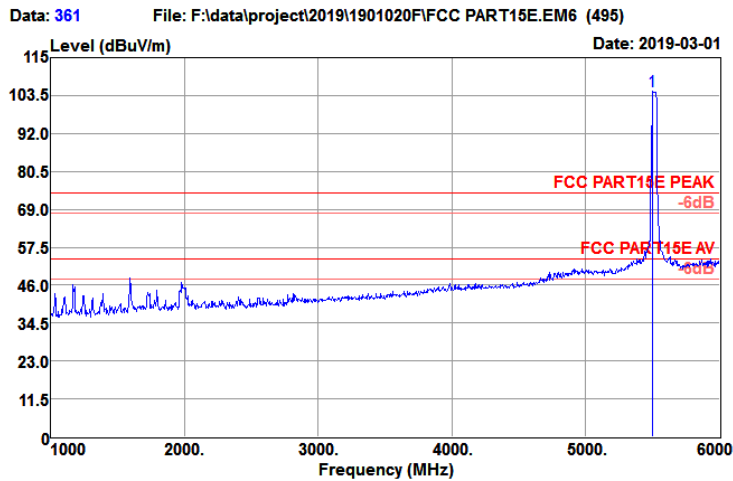


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10620.000	24.62	39.62	8.18	33.76	38.66	54.00	-15.34	Average
10620.000	38.51	39.62	8.18	33.76	52.55	74.00	-21.45	Peak
15930.000	24.17	37.82	9.51	31.44	40.06	54.00	-13.94	Average
15930.000	38.88	37.82	9.51	31.44	54.77	74.00	-19.23	Peak

802.11 AC40 5510MHz

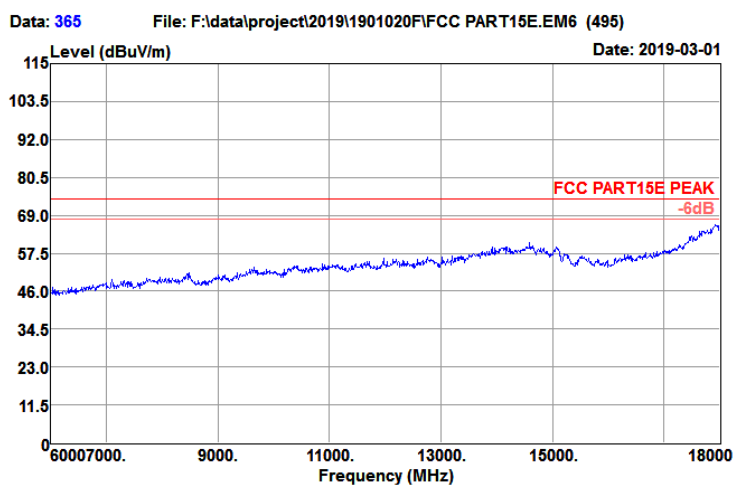
Horizontal:

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)		



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	101.85	32.10	6.20	35.46	104.69	74.00	30.69	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 CH102(5510MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

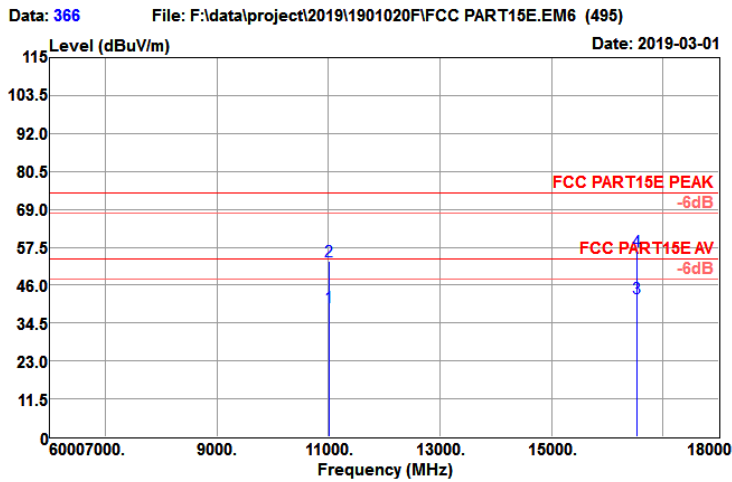
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH102(5510MHz)

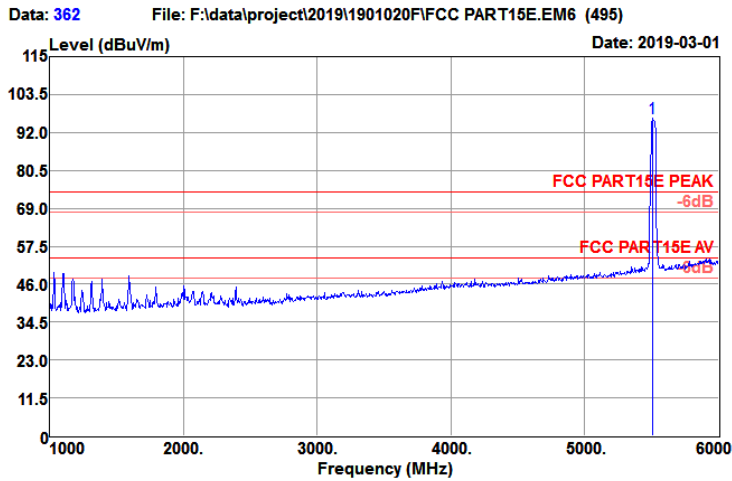


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11020.000	23.95	40.28	8.40	33.41	39.22	54.00	-14.78	Average
11020.000	37.96	40.28	8.40	33.41	53.23	74.00	-20.77	Peak
16530.000	24.08	39.67	9.42	31.04	42.13	54.00	-11.87	Average
16530.000	38.42	39.67	9.42	31.04	56.47	74.00	-17.53	Peak

802.11 AC40 5510MHz

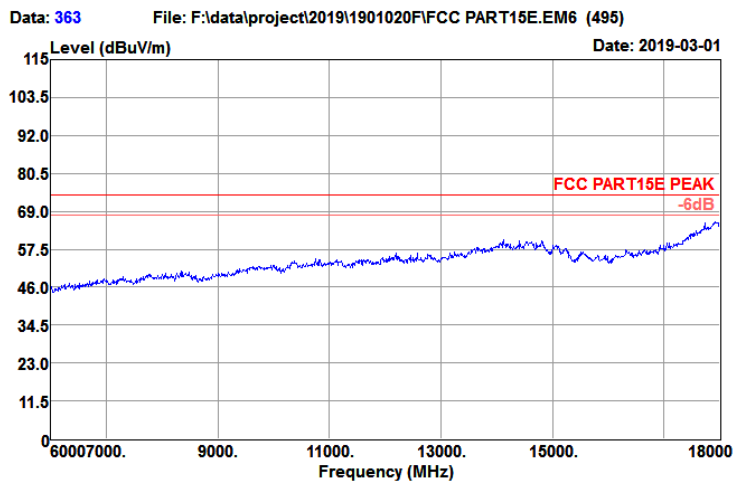
Vertical:

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)		

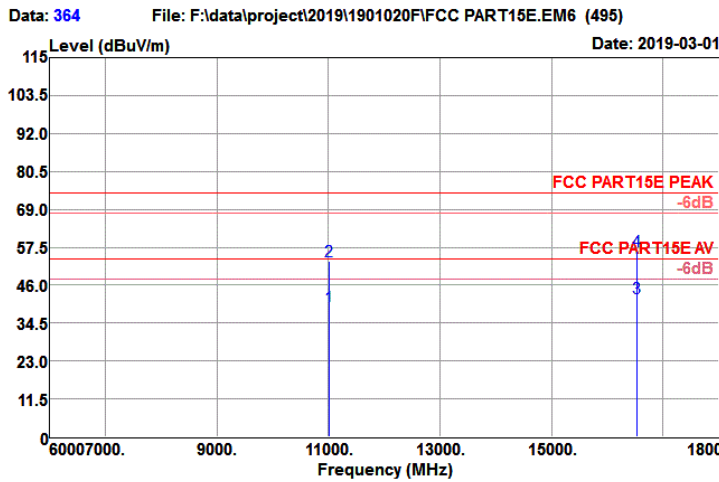


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5510.000	93.38	32.11	6.21	35.45	96.25	74.00	22.25	Peak

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 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)		

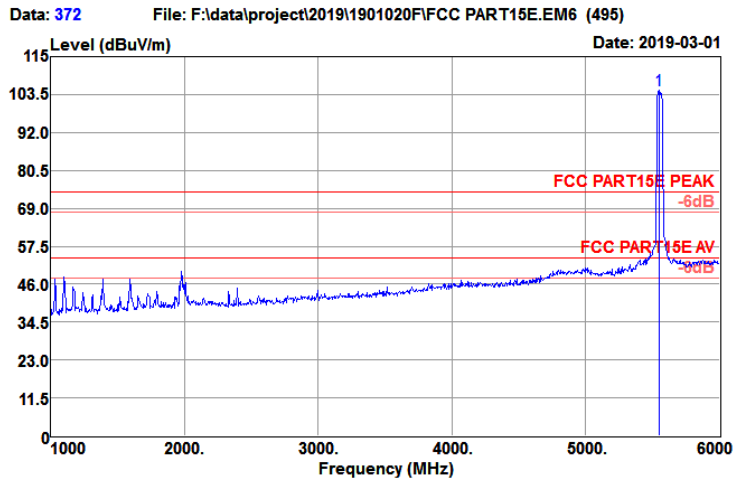


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.81	40.28	8.40	33.41	40.08	54.00	-13.92	Average
11020.000	38.43	40.28	8.40	33.41	53.70	74.00	-20.30	Peak
16530.000	24.17	39.67	9.42	31.04	42.22	54.00	-11.78	Average
16530.000	37.73	39.67	9.42	31.04	55.78	74.00	-18.22	Peak

802.11 AC40 5550MHz

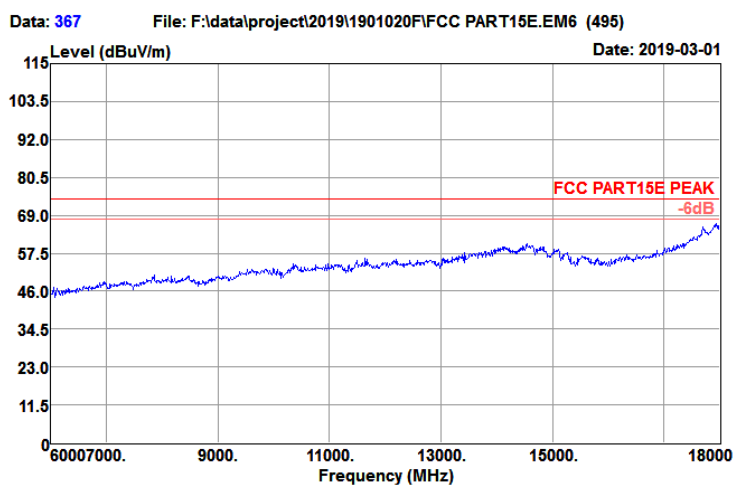
Horizontal:

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 CH110(5550MHz)		



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
5545.000	101.74	32.14	6.22	35.39	104.71	74.00	30.71	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 CH110(5550MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

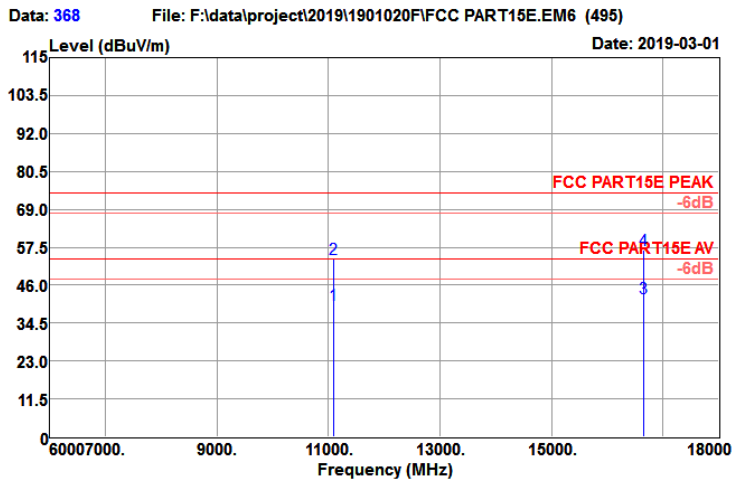
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH110(5550MHz)

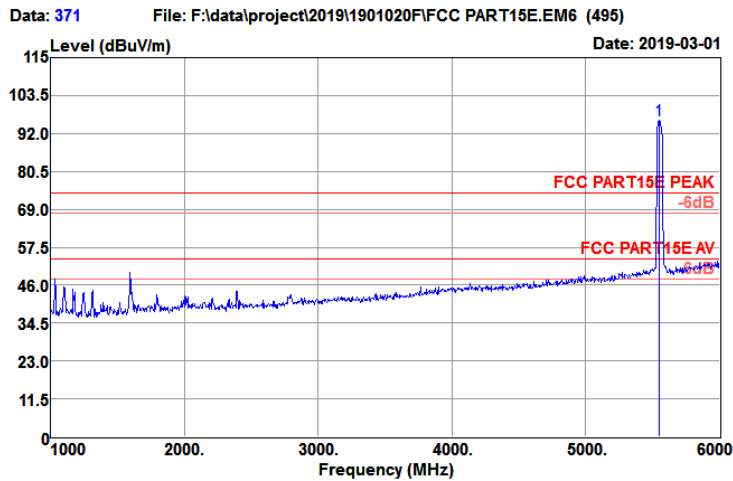


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.72	40.22	8.46	33.34	40.06	54.00	-13.94	Average
11100.000	38.71	40.22	8.46	33.34	54.05	74.00	-19.95	Peak
16650.000	23.64	40.13	9.42	30.96	42.23	54.00	-11.77	Average
16650.000	38.09	40.13	9.42	30.96	56.68	74.00	-17.32	Peak

802.11 AC40 5550MHz

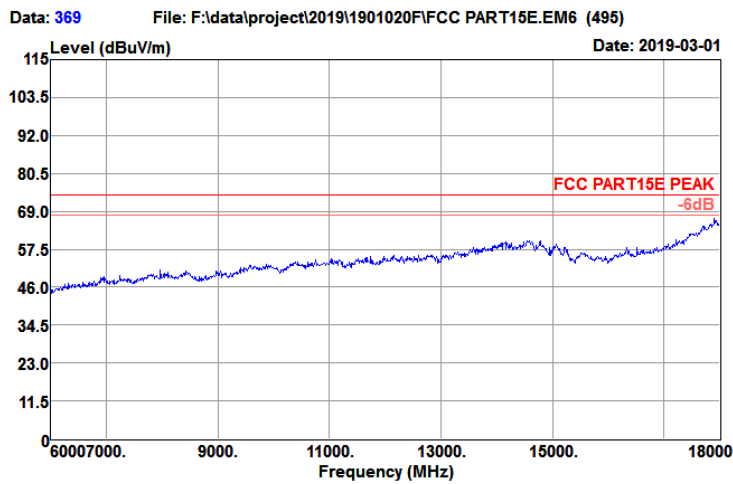
Vertical:

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 CH110(5550MHz)		



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
5545.000	93.13	32.14	6.22	35.39	96.10	74.00	22.10	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 CH110(5550MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

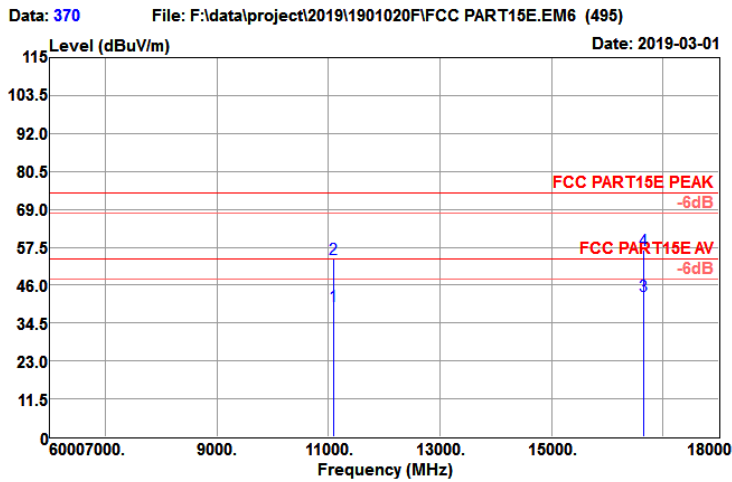
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH110(5550MHz)

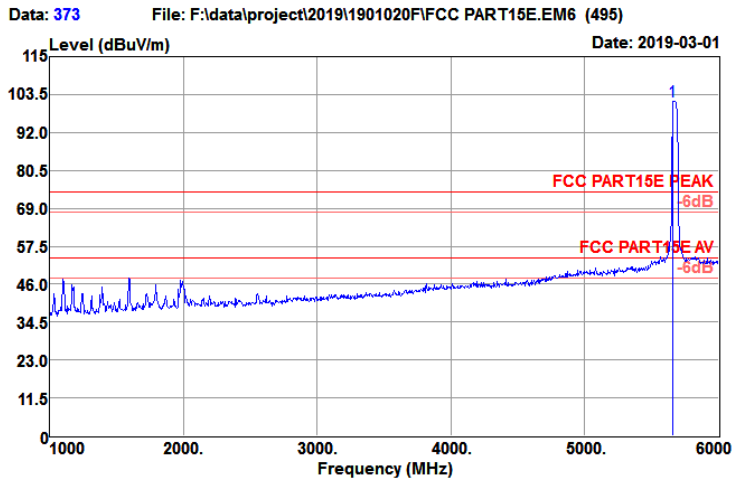


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.38	40.22	8.46	33.34	39.72	54.00	-14.28	Average
11100.000	38.57	40.22	8.46	33.34	53.91	74.00	-20.09	Peak
16650.000	24.04	40.13	9.42	30.96	42.63	54.00	-11.37	Average
16650.000	38.07	40.13	9.42	30.96	56.66	74.00	-17.34	Peak

802.11 AC40 5670MHz

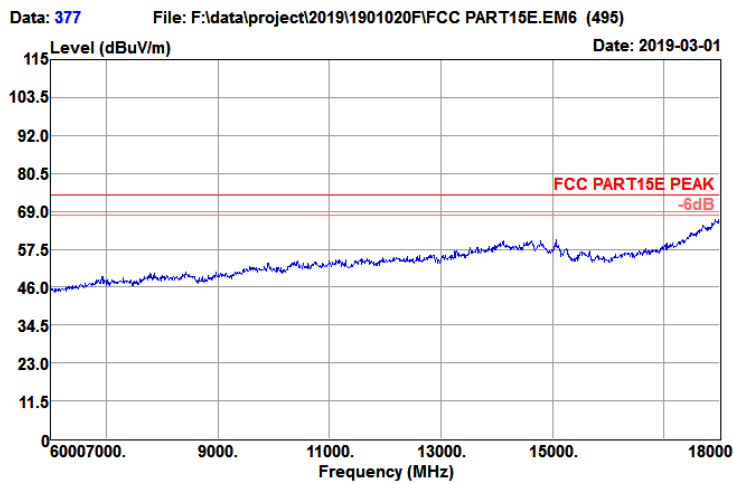
Horizontal:

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)		



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
5660.000	98.19	32.23	6.33	35.22	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	: HORIZONTAL
Model No.	: GK-MWZE501		
Test Mode	: 802.11ac VHT40 CH134(5670MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

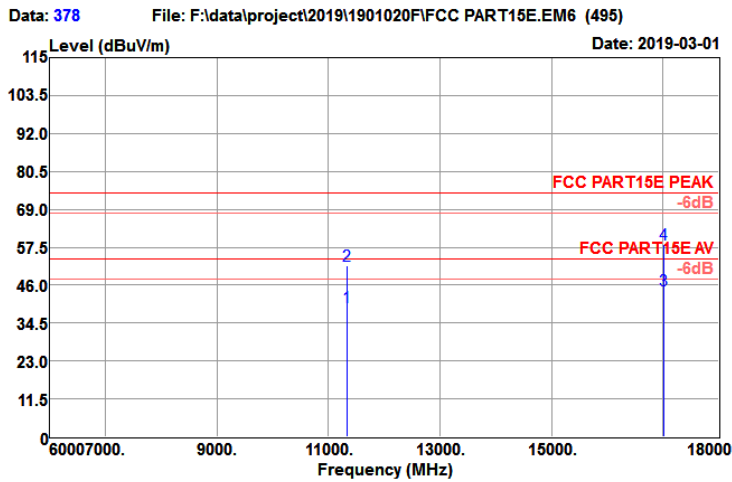
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH134(5670MHz)

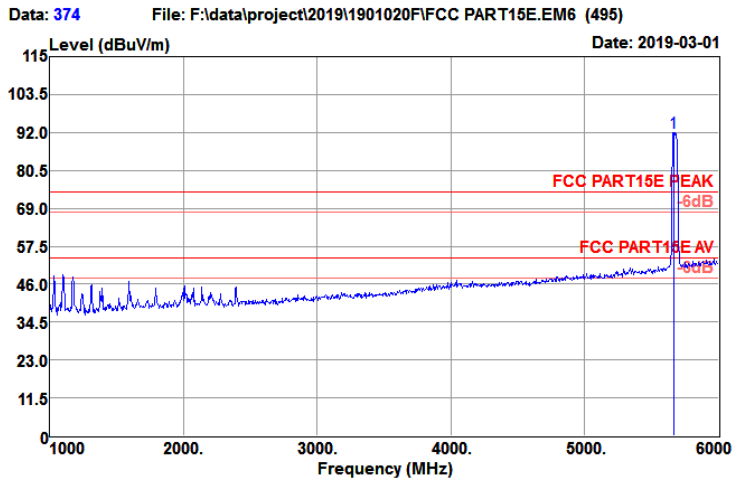


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11340.000	23.95	40.03	8.62	33.13	39.47	54.00	-14.53	Average
11340.000	36.56	40.03	8.62	33.13	52.08	74.00	-21.92	Peak
17010.000	24.11	41.57	9.41	30.71	44.38	54.00	-9.62	Average
17010.000	37.95	41.57	9.41	30.71	58.22	74.00	-15.78	Peak

802.11 AC40 5670MHz

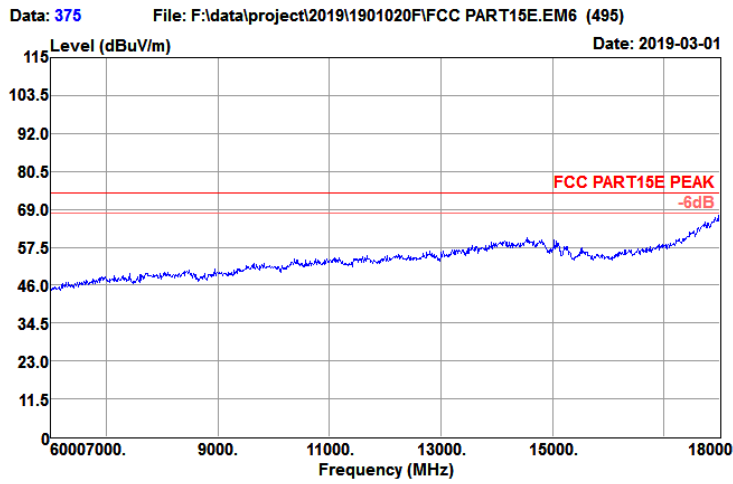
Vertical:

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)		



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
5665.000	88.69	32.23	6.33	35.22	92.03	74.00	18.03	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 CH134(5670MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

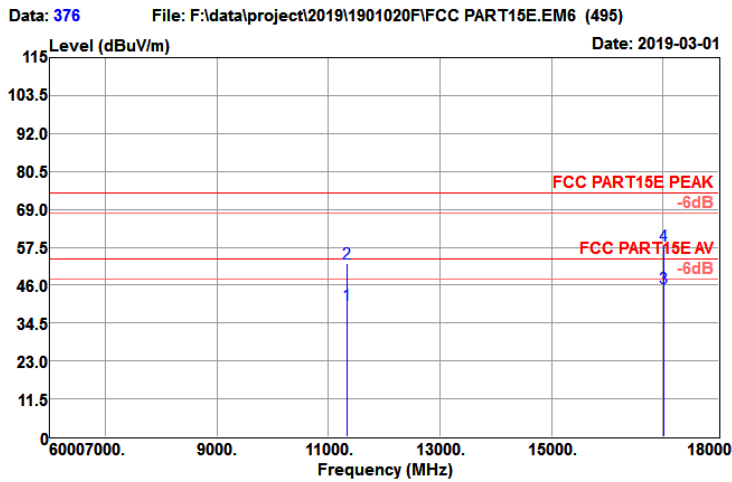
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH134(5670MHz)

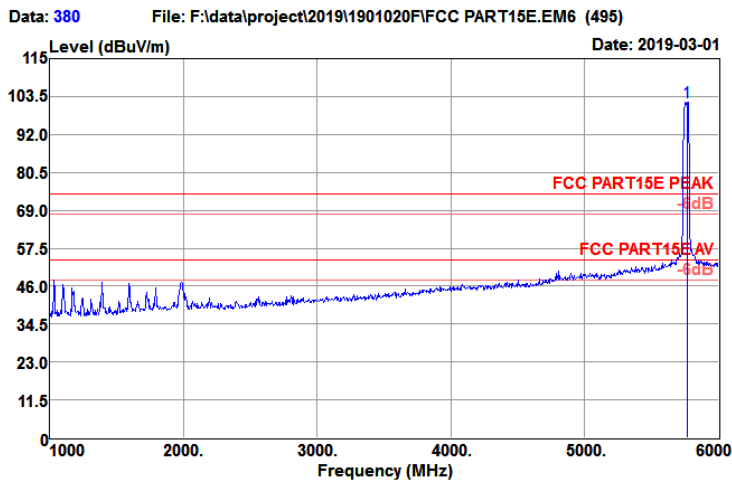


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11340.000	24.55	40.03	8.62	33.13	40.07	54.00	-13.93	Average
11340.000	37.18	40.03	8.62	33.13	52.70	74.00	-21.30	Peak
17010.000	24.83	41.57	9.41	30.71	45.10	54.00	-8.90	Average
17010.000	37.91	41.57	9.41	30.71	58.18	74.00	-15.82	Peak

802.11 AC40 5755MHz

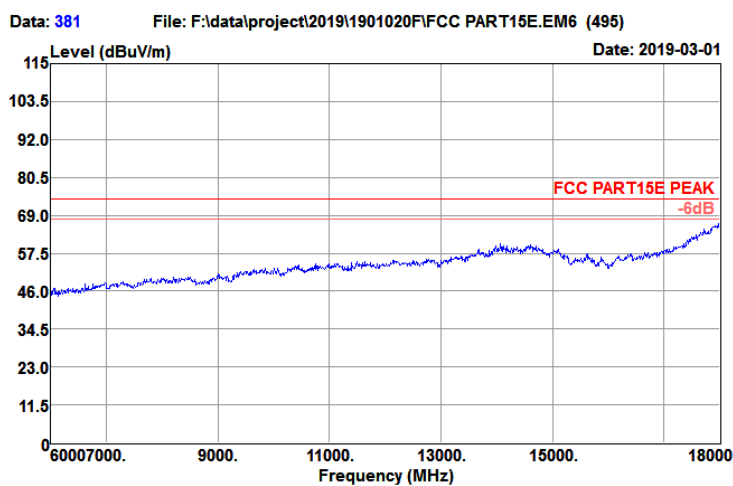
Horizontal:

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	Limit level dBuV	Over limit dB	Remark
5765.000	98.20	32.31	6.48	35.07	74.00	27.92	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

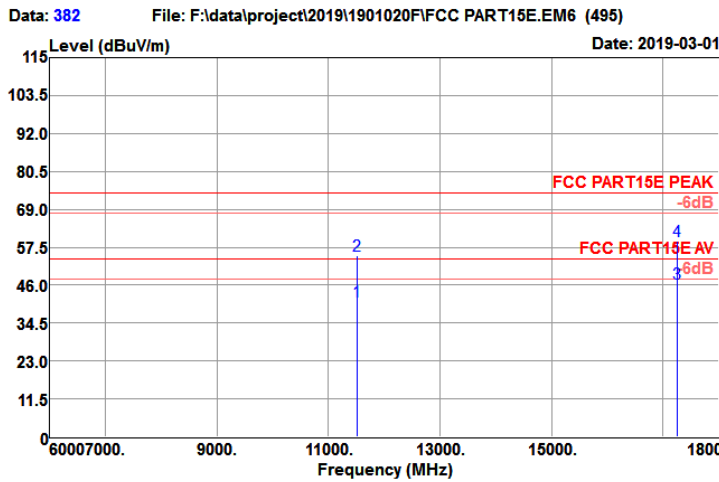
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH151(5755MHz)

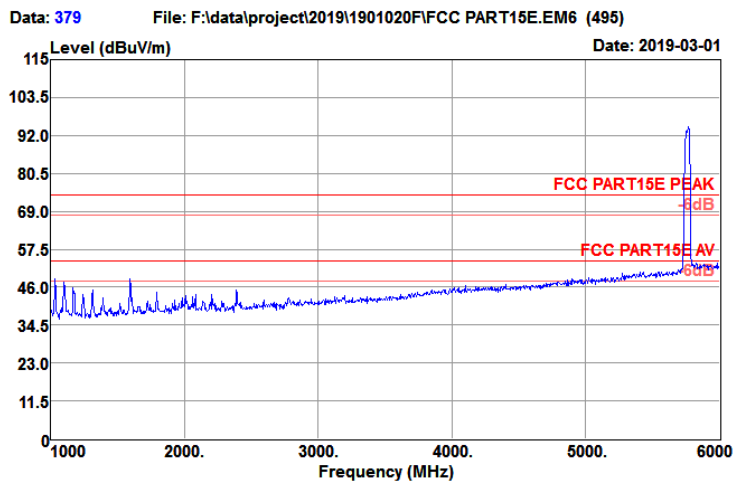


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11510.000	25.32	39.89	8.73	32.99	40.95	54.00	-13.05	Average
11510.000	39.30	39.89	8.73	32.99	54.93	74.00	-19.07	Peak
17265.000	24.13	43.38	9.49	30.54	46.46	54.00	-7.54	Average
17265.000	37.09	43.38	9.49	30.54	59.42	74.00	-14.58	Peak

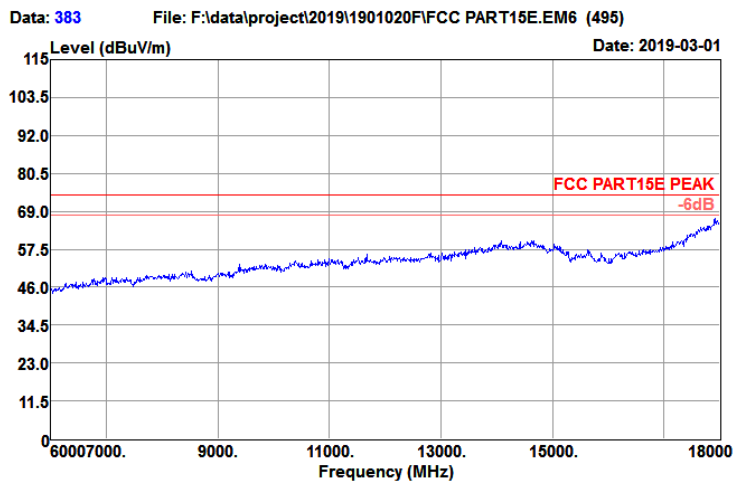
802.11 AC40 5755MHz

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)		



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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

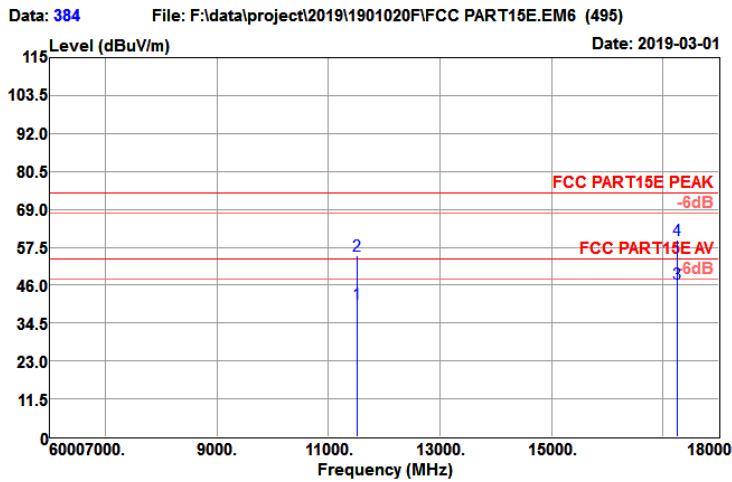
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH151(5755MHz)

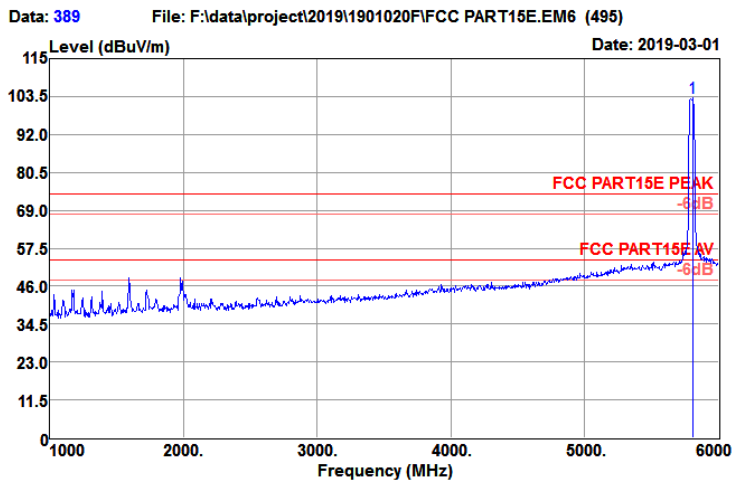


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11510.000	24.70	39.89	8.73	32.99	40.33	54.00	-13.67	Average
11510.000	39.21	39.89	8.73	32.99	54.84	74.00	-19.16	Peak
17265.000	24.06	43.38	9.49	30.54	46.39	54.00	-7.61	Average
17265.000	37.41	43.38	9.49	30.54	59.74	74.00	-14.26	Peak

802.11 AC40 5795MHz

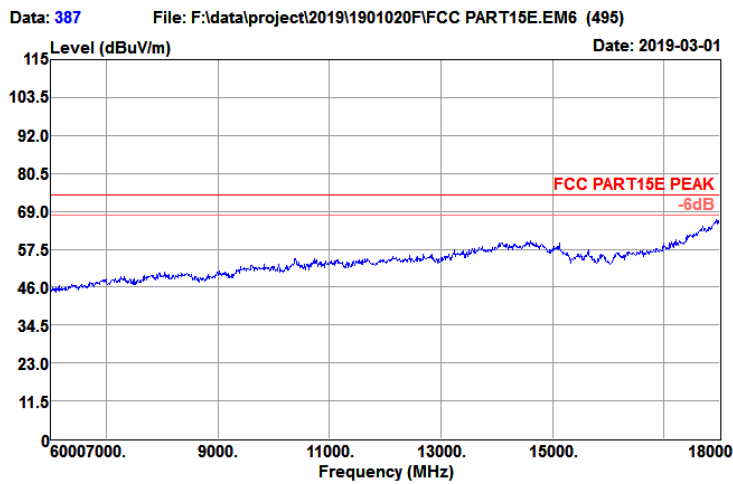
Horizontal:

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
5810.000	99.13	32.35	6.53	35.00	74.00	29.01	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

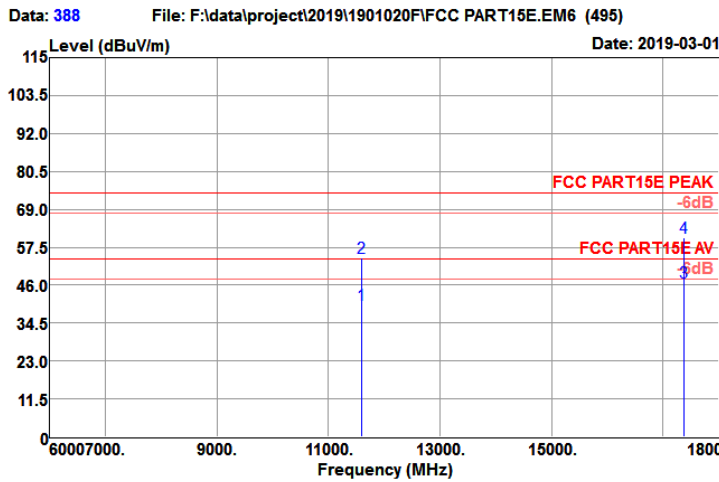
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT40 CH159(5795MHz)

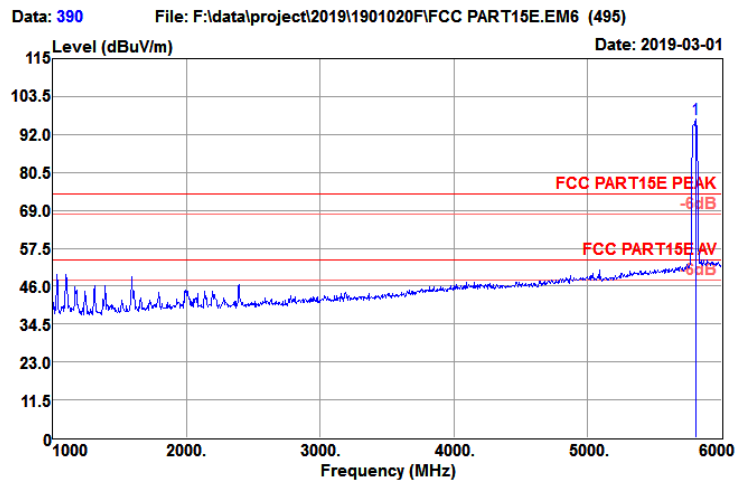


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11590.000	24.38	39.83	8.74	32.92	40.03	54.00	-13.97	Average
11590.000	38.53	39.83	8.74	32.92	54.18	74.00	-19.82	Peak
17385.000	23.45	44.23	9.53	30.45	46.76	54.00	-7.24	Average
17385.000	37.11	44.23	9.53	30.45	60.42	74.00	-13.58	Peak

802.11 AC40 5795MHz

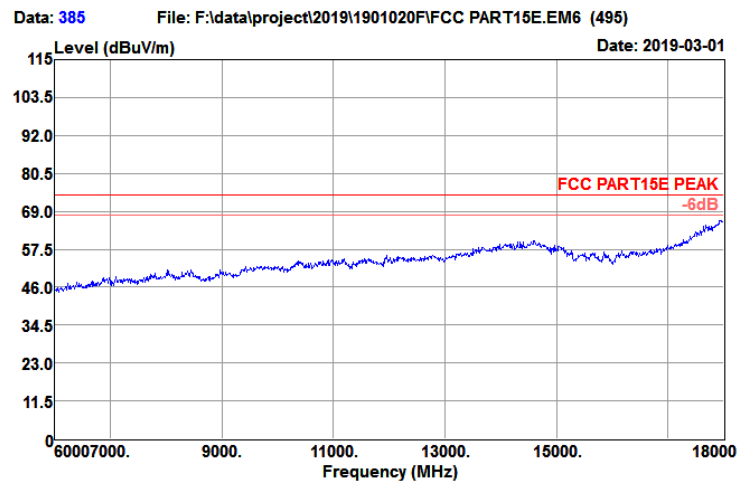
Vertical:

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	: 802.11ac VHT40 CH159(5795MHz)		

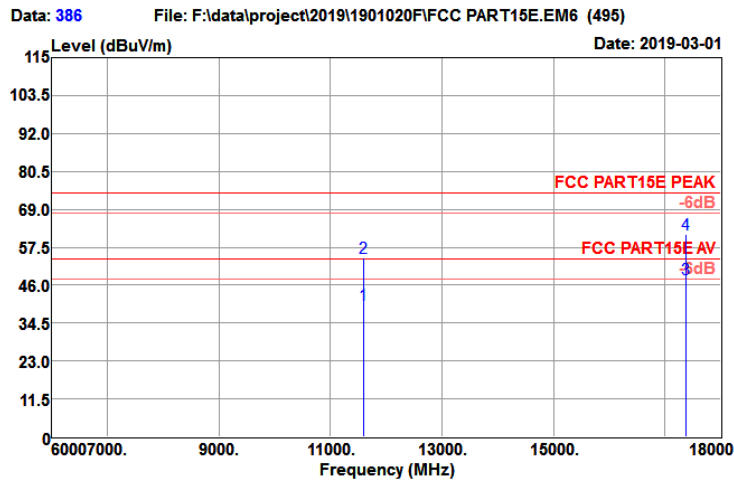


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV	Limit level dBuV/m	Over limit dB	Remark
5805.000	92.68	32.34	6.53	35.01	96.54	74.00	22.54	Peak

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)		



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)		



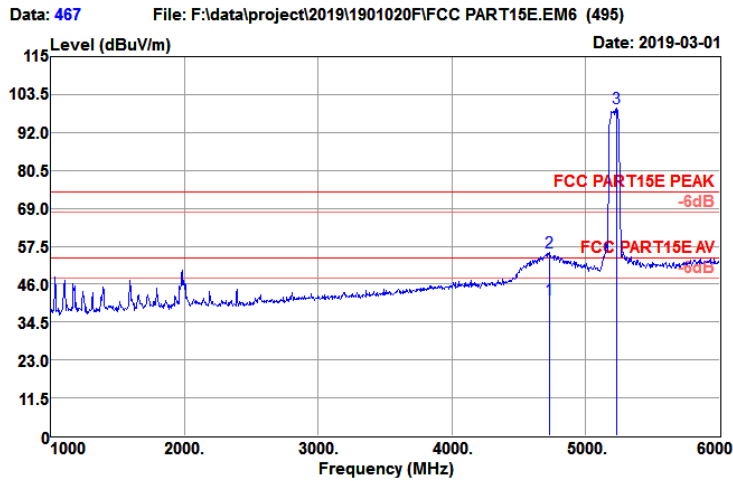
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11590.000	24.56	39.83	8.74	32.92	40.21	54.00	-13.79	Average
11590.000	38.58	39.83	8.74	32.92	54.23	74.00	-19.77	Peak
17385.000	24.59	44.23	9.53	30.45	47.90	54.00	-6.10	Average
17385.000	38.06	44.23	9.53	30.45	61.37	74.00	-12.63	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.

802.11AC80 5210MHz

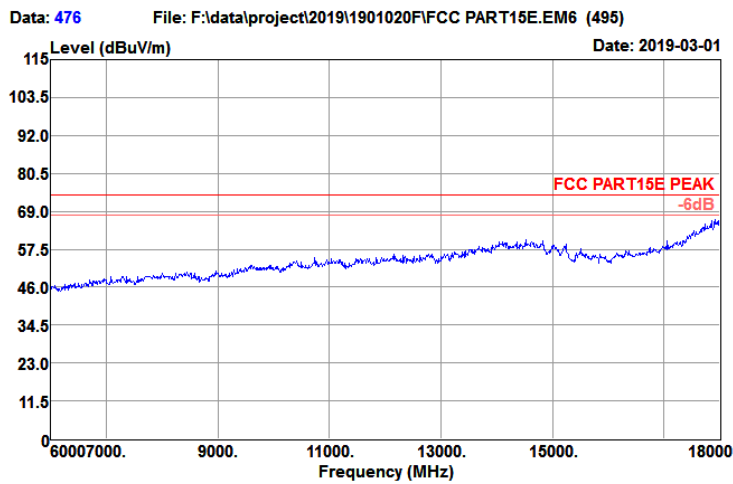
Horizontal:

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
4730.000	41.20	31.05	5.35	36.29	41.31	54.00	-12.69	Average
4730.000	55.47	31.05	5.35	36.29	55.58	74.00	-18.42	Peak
5230.000	97.95	31.88	5.53	35.86	99.50	74.00	25.50	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

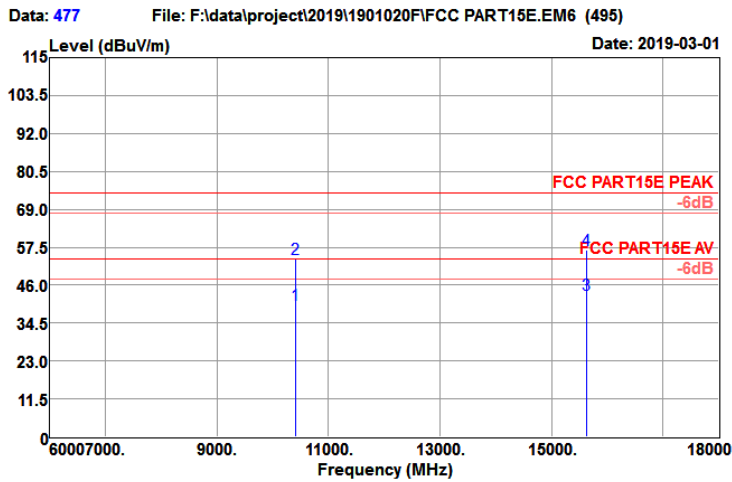
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT80 CH42(5210MHz)

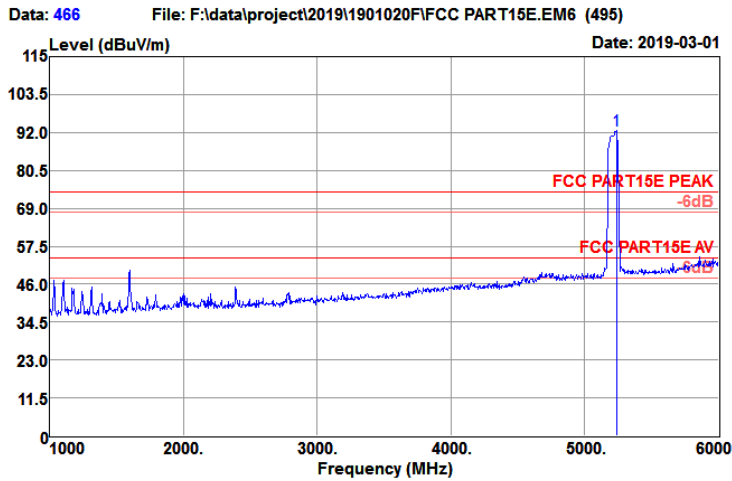


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10420.000	26.72	39.26	8.10	33.93	40.15	54.00	-13.85	Average
10420.000	40.66	39.26	8.10	33.93	54.09	74.00	-19.91	Peak
15630.000	26.41	38.75	9.64	31.58	43.22	54.00	-10.78	Average
15630.000	40.00	38.75	9.64	31.58	56.81	74.00	-17.19	Peak

802.11AC80 5210MHz

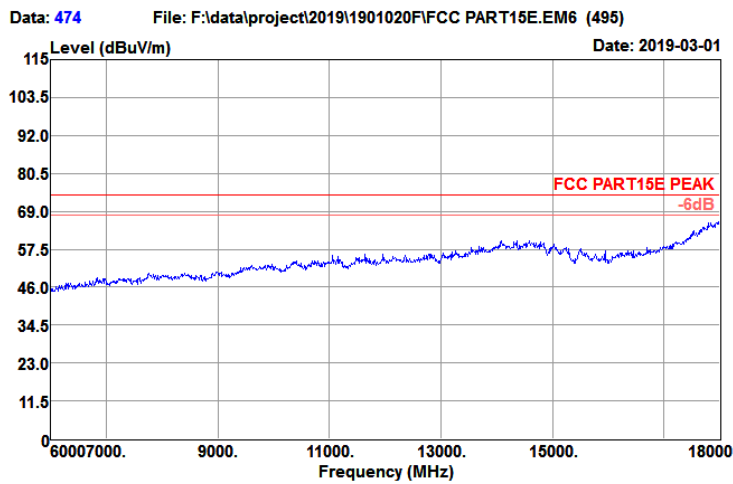
Vertical:

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	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5235.000	91.18	31.89	5.55	35.85	92.77	74.00	18.77	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

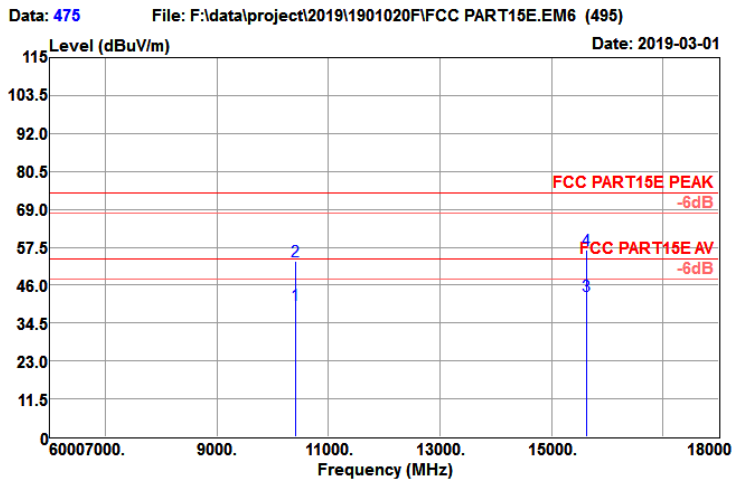
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT80 CH42(5210MHz)

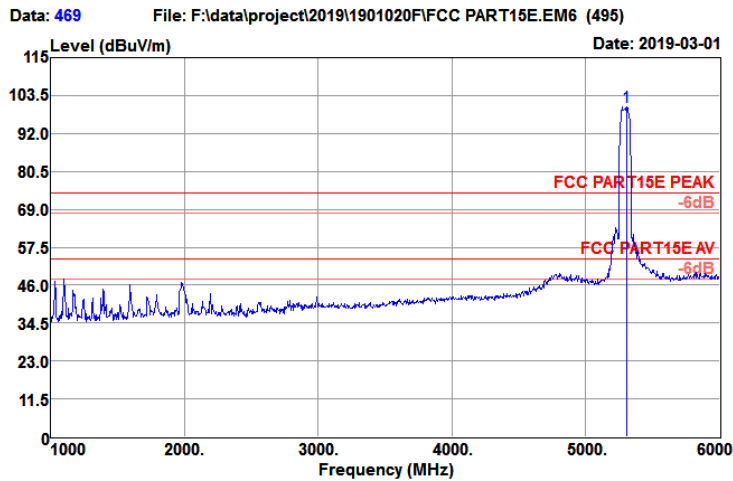


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10420.000	26.65	39.26	8.10	33.93	40.08	54.00	-13.92	Average
10420.000	39.99	39.26	8.10	33.93	53.42	74.00	-20.58	Peak
15630.000	26.11	38.75	9.64	31.58	42.92	54.00	-11.08	Average
15630.000	39.92	38.75	9.64	31.58	56.73	74.00	-17.27	Peak

802.11AC80 5290MHz

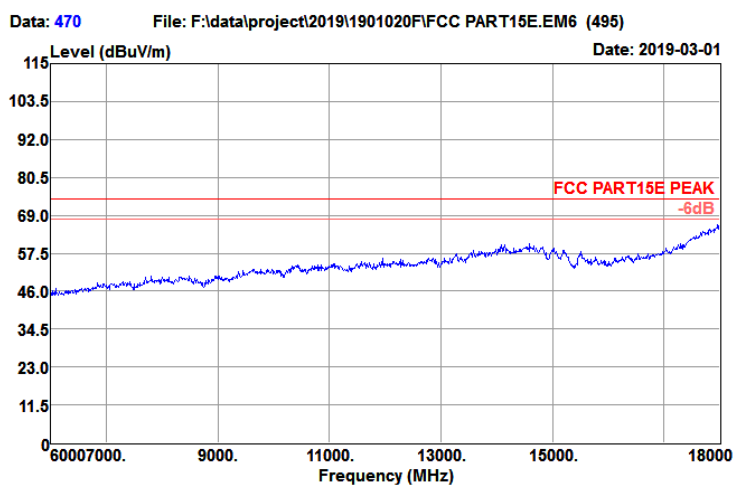
Horizontal:

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)		

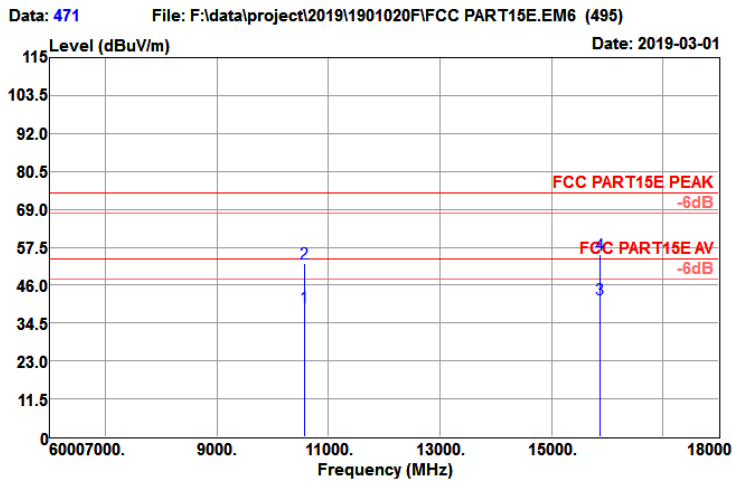


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5305.000	98.14	31.94	5.81	35.75	100.14	74.00	26.14	Peak

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 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)		

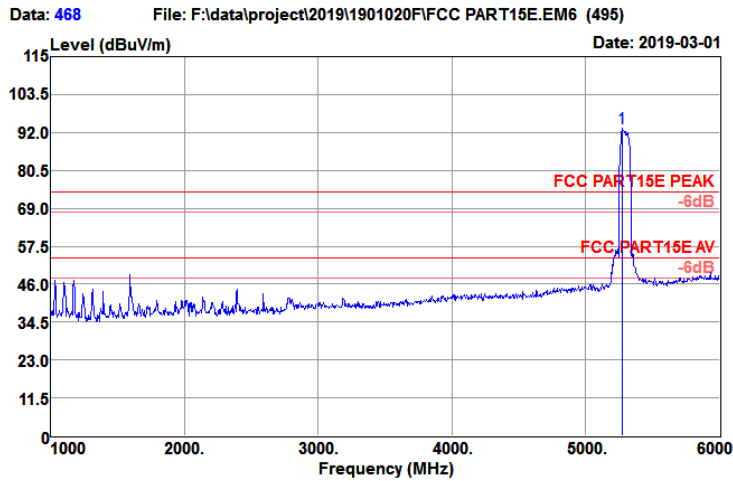


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10580.000	25.45	39.54	8.15	33.80	39.34	54.00	-14.66	Average
10580.000	38.69	39.54	8.15	33.80	52.58	74.00	-21.42	Peak
15870.000	25.72	38.00	9.54	31.47	41.79	54.00	-12.21	Average
15870.000	39.11	38.00	9.54	31.47	55.18	74.00	-18.82	Peak

802.11AC80 5290MHz

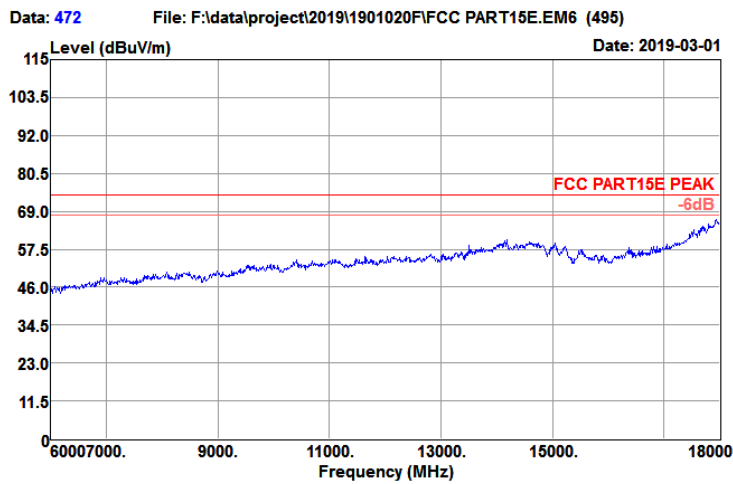
Vertical:

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
5270.000	91.51	31.92	5.68	35.80	93.31	74.00	19.31	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

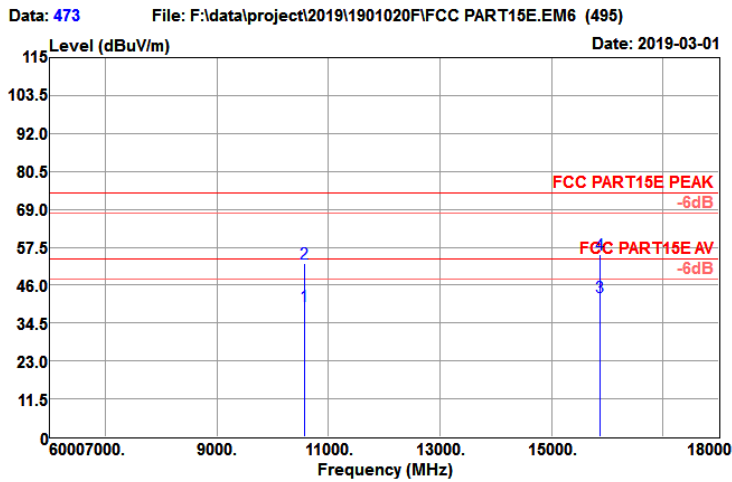
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : VERTICAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT80 CH58(5290MHz)

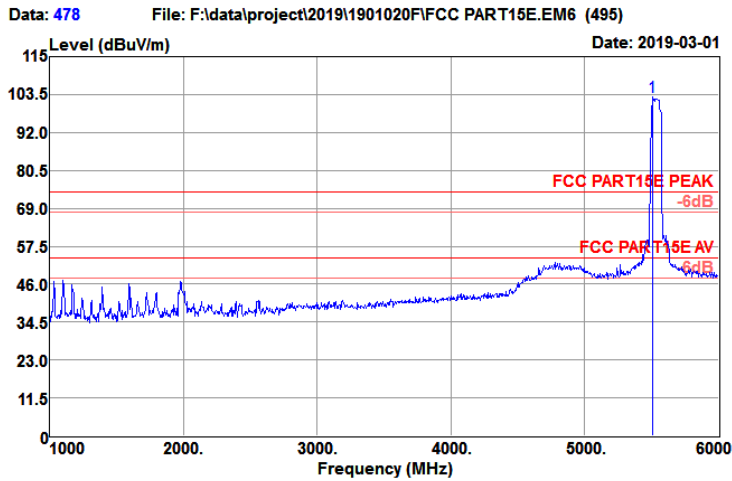


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
10580.000	25.85	39.54	8.15	33.80	39.74	54.00	-14.26	Average
10580.000	38.56	39.54	8.15	33.80	52.45	74.00	-21.55	Peak
15870.000	26.49	38.00	9.54	31.47	42.56	54.00	-11.44	Average
15870.000	39.28	38.00	9.54	31.47	55.35	74.00	-18.65	Peak

802.11AC80 5530MHz

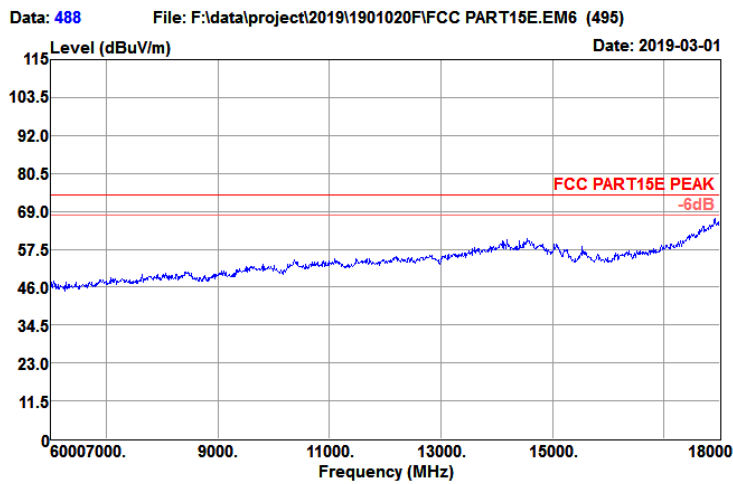
Horizontal:

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	Preamplifier factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5510.000	99.80	32.11	6.21	35.45	102.67	74.00	28.67	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)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

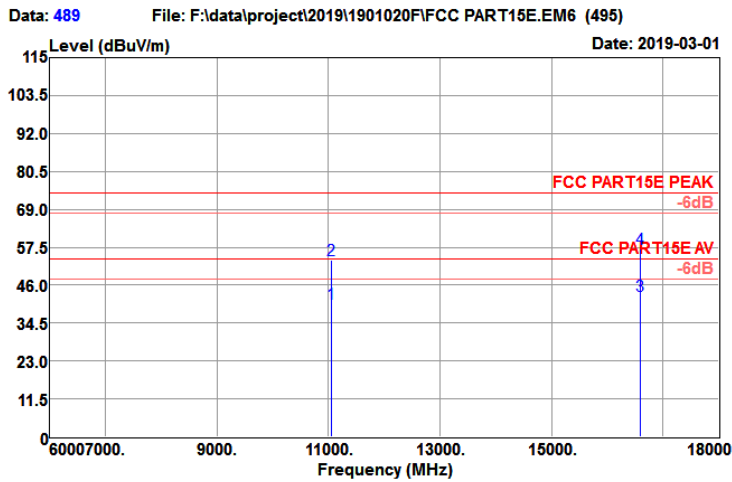
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT80 CH106(5530MHz)

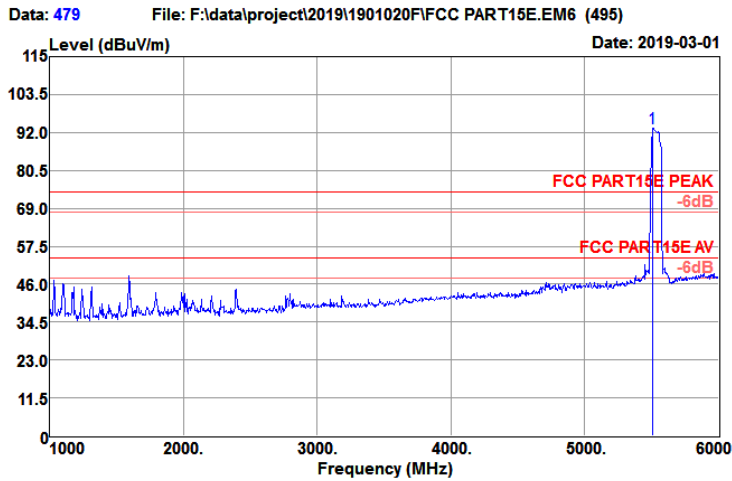


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11060.000	24.92	40.25	8.43	33.38	40.22	54.00	-13.78	Average
11060.000	38.42	40.25	8.43	33.38	53.72	74.00	-20.28	Peak
16590.000	24.29	39.90	9.42	31.00	42.61	54.00	-11.39	Average
16590.000	38.69	39.90	9.42	31.00	57.01	74.00	-16.99	Peak

802.11AC80 5530MHz

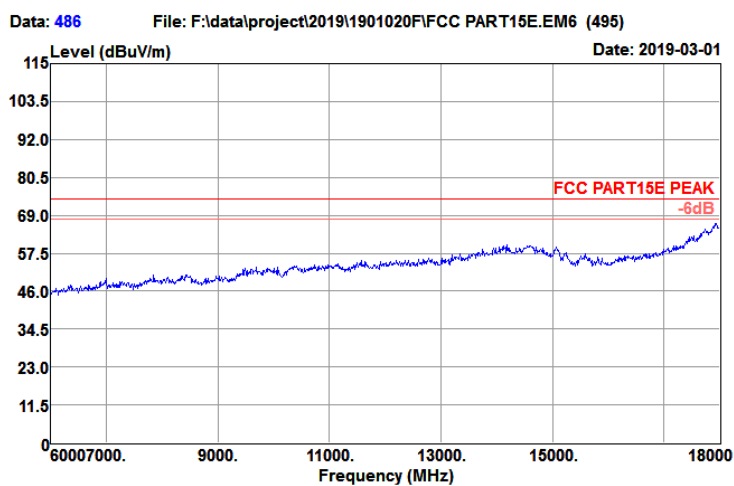
Vertical:

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)		

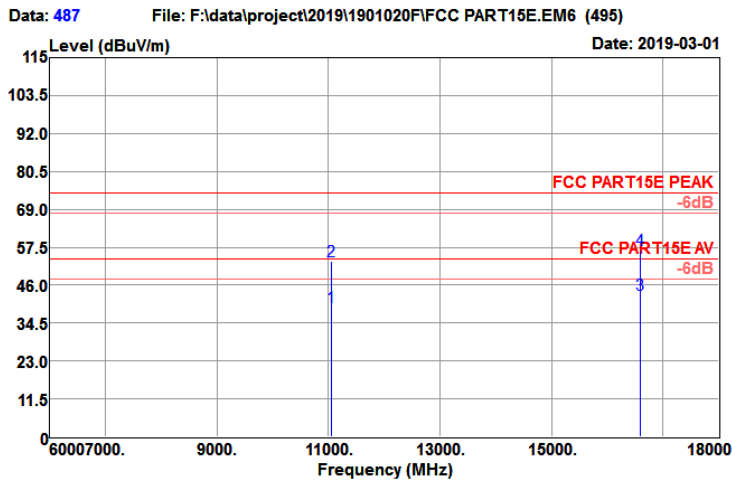


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5510.000	90.54	32.11	6.21	35.45	93.41	74.00	19.41	Peak

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)		



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)		

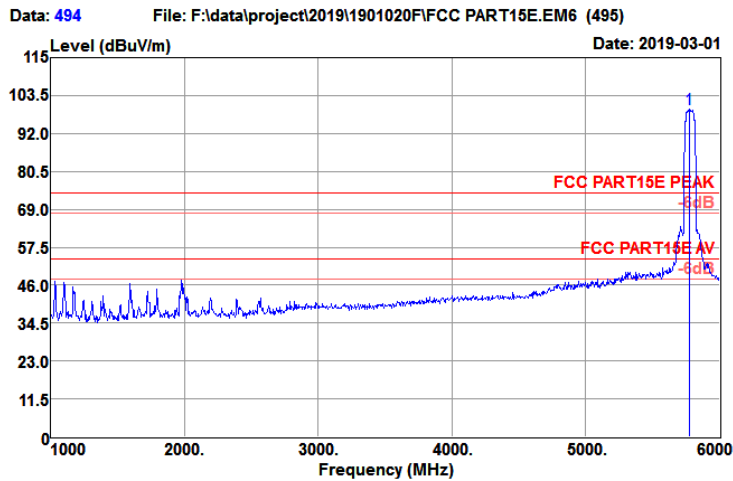


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11060.000	24.08	40.25	8.43	33.38	39.38	54.00	-14.62	Average
11060.000	38.00	40.25	8.43	33.38	53.30	74.00	-20.70	Peak
16590.000	24.83	39.90	9.42	31.00	43.15	54.00	-10.85	Average
16590.000	38.26	39.90	9.42	31.00	56.58	74.00	-17.42	Peak

802.11AC80 5775MHz

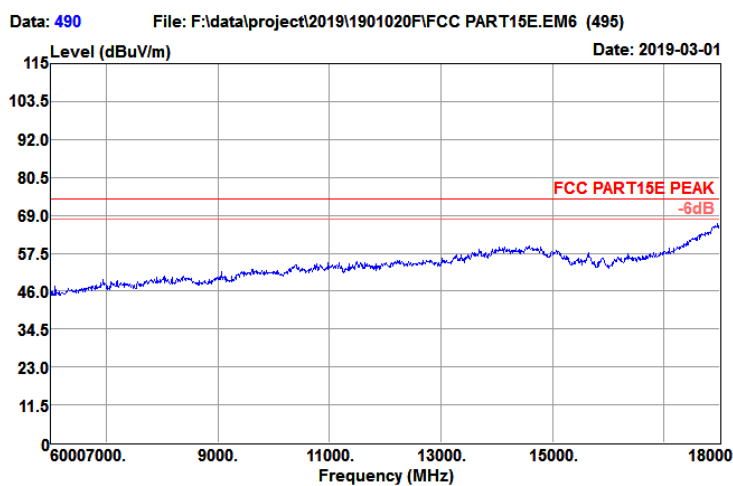
Horizontal:

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 dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5770.000	95.55	32.32	6.49	35.06	99.30	74.00	25.30	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	: 802.11ac VHT80 CH155(5775MHz)		



Test Site : 3m Chamber

 Temp/Humi : 19°C/63%

 Tested by : Damon

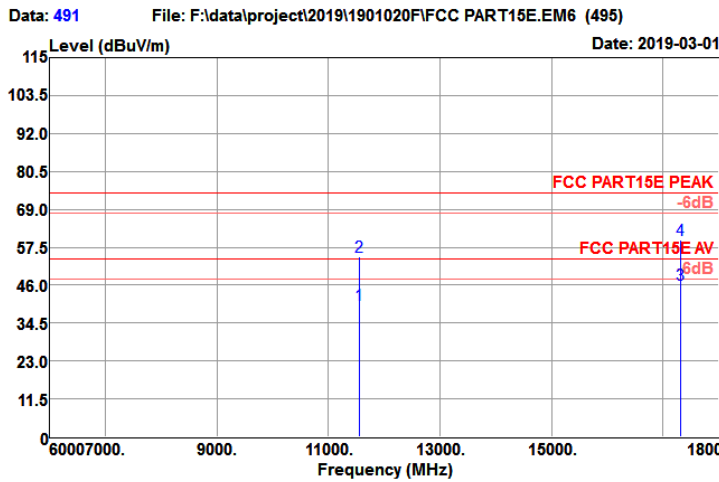
 Power rating: AC120V/60Hz

 EUT : all in one

 Pol/Phase : HORIZONTAL

 Model No. : GK-MWZE501

 Test Mode : 802.11ac VHT80 CH155(5775MHz)

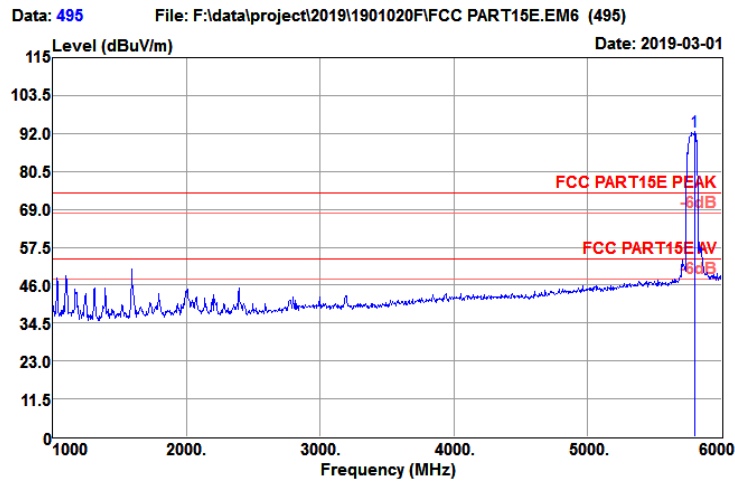


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
11550.000	24.34	39.86	8.74	32.95	39.99	54.00	-14.01	Average
11550.000	38.95	39.86	8.74	32.95	54.60	74.00	-19.40	Peak
17325.000	23.18	43.81	9.51	30.50	46.00	54.00	-8.00	Average
17325.000	36.96	43.81	9.51	30.50	59.78	74.00	-14.22	Peak

802.11AC80 5775MHz

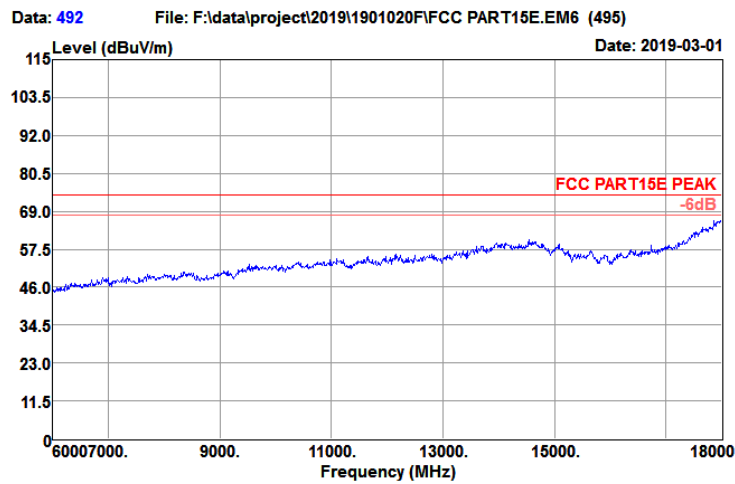
Vertical:

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)		

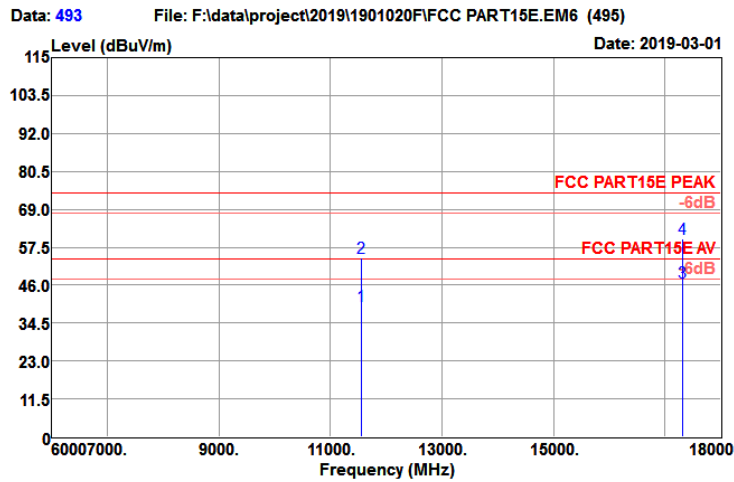


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
5800.000	88.76	32.34	6.53	35.02	92.61	74.00	18.61	Peak

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	: 802.11ac VHT80 CH155(5775MHz)		



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
11550.000	24.07	39.86	8.74	32.95	39.72	54.00	-14.28	Average
11550.000	38.48	39.86	8.74	32.95	54.13	74.00	-19.87	Peak
17325.000	23.85	43.81	9.51	30.50	46.67	54.00	-7.33	Average
17325.000	37.14	43.81	9.51	30.50	59.96	74.00	-14.04	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.

4.5 AC Conducted Emission Measurement

4.5.1 Limit of AC Conducted Emission

FCC §15.207

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

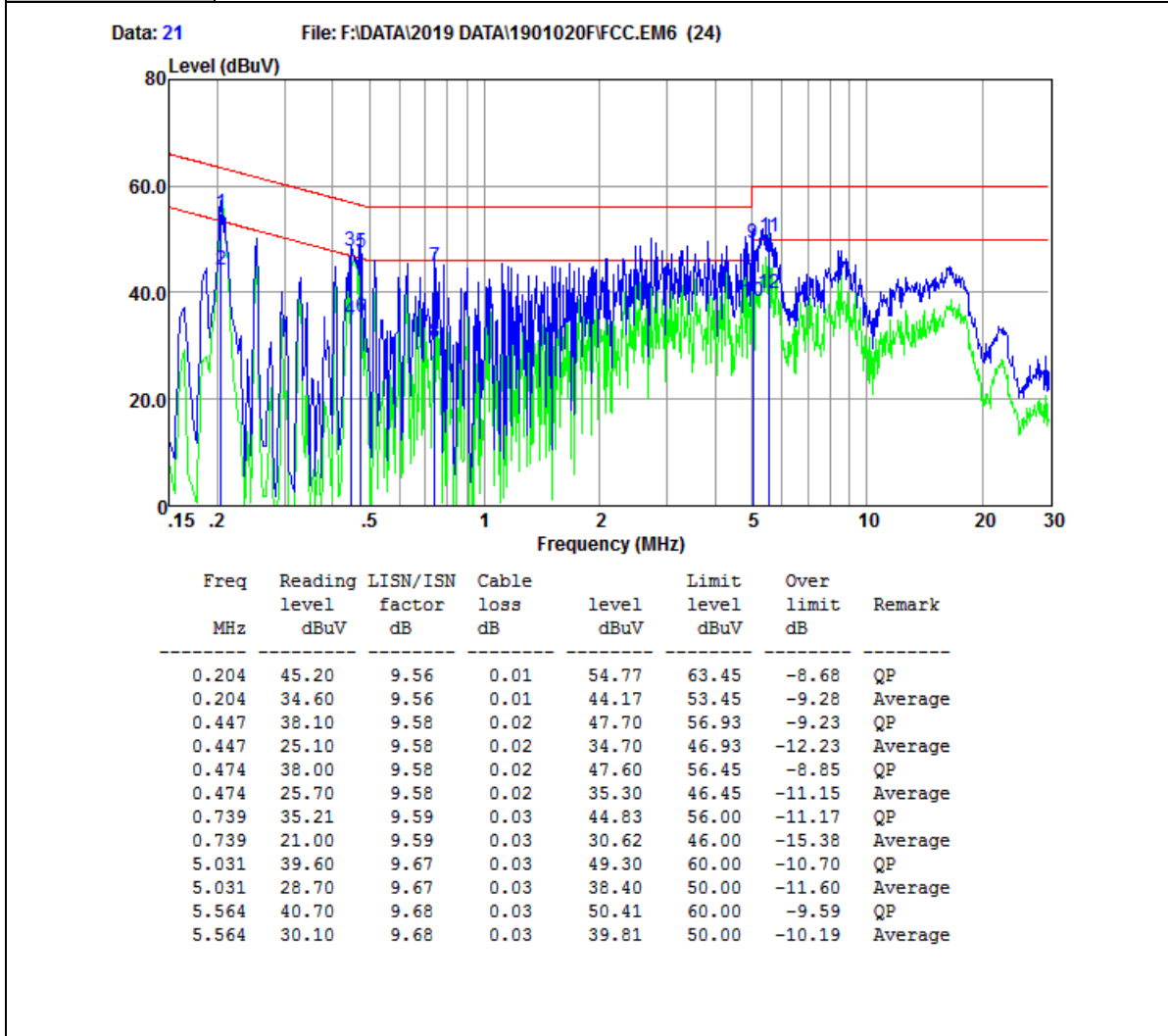
*Decreases with the logarithm of the frequency.

4.5.2 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

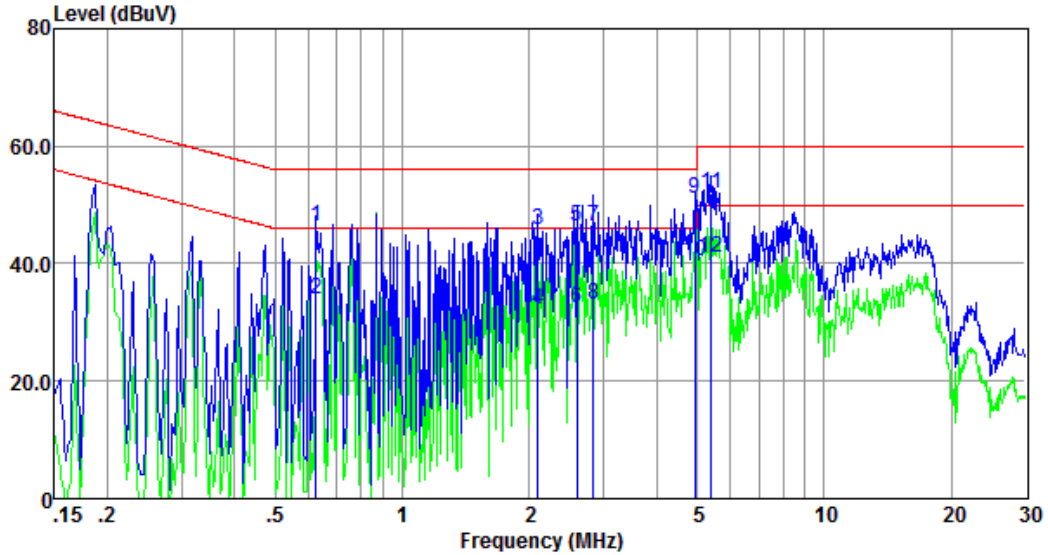
4.5.3 Test Result of AC Conducted Emission

Test Mode :	Mode 1	Temperature :	21~23°C
Test Engineer :		Relative Humidity :	41~43%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	Mode 1		



Test Mode :	Mode 1	Temperature :	21~23°C
Test Engineer :		Relative Humidity :	41~43%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	Mode 1		

Data: 23 File: F:\DATA\2019 DATA\1901020\FCC.EM6 (24)



Freq MHz	Reading level dBuV	LISN/ISN factor dB	Cable loss dB	level dBuV	Limit level dBuV	Over limit dB	Remark
0.624	36.60	9.63	0.03	46.26	56.00	-9.74	QP
0.624	24.20	9.63	0.03	33.86	46.00	-12.14	Average
2.099	36.10	9.65	0.03	45.78	56.00	-10.22	QP
2.099	22.40	9.65	0.03	32.08	46.00	-13.92	Average
2.594	36.60	9.66	0.03	46.29	56.00	-9.71	QP
2.594	22.80	9.66	0.03	32.49	46.00	-13.51	Average
2.839	36.70	9.67	0.03	46.40	56.00	-9.60	QP
2.839	23.30	9.67	0.03	33.00	46.00	-13.00	Average
4.926	41.20	9.72	0.03	50.95	56.00	-5.05	QP
4.926	30.60	9.72	0.03	40.35	46.00	-5.65	Average
5.390	42.20	9.73	0.03	51.96	60.00	-8.04	QP
5.390	31.30	9.73	0.03	41.06	50.00	-8.94	Average

Frequency Stability Measurement

4.5.4 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

4.5.5 Test Procedures

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

4.5.6 Test Result of Frequency Stability

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	TN	VL	5179.985	-2.895752896	PASS
			TN	VN	5180.015	2.895752896	PASS
			TN	VH	5180.046	8.88030888	PASS
11A	Ant1	5200	TN	VL	5200.07	13.46153846	PASS
			TN	VN	5200.018	3.461538462	PASS
			TN	VH	5200.015	2.884615385	PASS
11A	Ant1	5240	TN	VL	5240.06	11.45038168	PASS
		5240	TN	VN	5239.985	-2.86259542	PASS
		5240	TN	VH	5239.975	-4.770992366	PASS
11A	Ant1	5260	TN	VL	5260.035	6.653992395	PASS
		5260	TN	VN	5260.06	11.40684411	PASS
		5260	TN	VH	5259.94	-11.40684411	PASS
11A	Ant1	5280	TN	VL	5279.985	-2.840909091	PASS
		5280	TN	VN	5279.97	-5.681818182	PASS
		5280	TN	VH	5280.06	11.36363636	PASS
11A	Ant1	5320	TN	VL	5319.91	-16.91729323	PASS
		5320	TN	VN	5320.045	8.458646617	PASS
		5320	TN	VH	5319.985	-2.819548872	PASS
11A	Ant1	5500	TN	VL	5500.073	13.27272727	PASS
		5500	TN	VN	5500.05	9.090909091	PASS
		5500	TN	VH	5499.97	-5.454545454	PASS
11A	Ant1	5580	TN	VL	5579.965	-6.272401434	PASS
		5580	TN	VN	5579.97	-5.376344086	PASS
		5580	TN	VH	5579.985	-2.688172043	PASS
11A	Ant1	5700	TN	VL	5699.94	-10.52631579	PASS
		5700	TN	VN	5699.97	-5.263157895	PASS
		5700	TN	VH	5699.91	-15.78947368	PASS
11A	Ant1	5745	TN	VL	5744.97	-5.221932115	PASS
		5745	TN	VN	5744.985	-2.610966057	PASS
		5745	TN	VH	5744.955	-7.832898172	PASS
11A	Ant1	5785	TN	VL	5784.955	-7.778738116	PASS

		5785	TN	VN	5784.97	-5.185825411	PASS
		5785	TN	VH	5784.97	-5.185825411	PASS
11A	Ant1	5825	TN	VL	5825.03	5.150214592	PASS
		5825	TN	VN	5824.955	-7.725321888	PASS
		5825	TN	VH	5824.94	-10.30042918	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	50	VN	5180.078	15.057915	PASS
		5180	40	VN	5180.027	5.2123552	PASS
		5180	30	VN	5179.96	-7.7220077	PASS
		5180	20	VN	5180.056	10.810811	PASS
		5180	10	VN	5180.045	8.6872587	PASS
		5180	0	VN	5180.057	11.003861	PASS
		5180	-10	VN	5180.12	23.166023	PASS
		5180	-20	VN	5180.063	12.162162	PASS
		5180	-30	VN	5180.029	5.5984556	PASS
11A	Ant1	5200	50	VN	5199.89	-21.153846	PASS
		5200	40	VN	5200.063	12.115385	PASS
		5200	30	VN	5199.95	-9.6153846	PASS
		5200	20	VN	5200.084	16.153846	PASS
		5200	10	VN	5200.093	17.884615	PASS
		5200	0	VN	5199.92	-15.384615	PASS
		5200	-10	VN	5200.054	10.384615	PASS
		5200	-20	VN	5199.856	-27.692308	PASS
		5200	-30	VN	5200.027	5.1923077	PASS
11A	Ant1	5240	50	VN	5239.846	-29.389313	PASS
		5240	40	VN	5240.071	13.549618	PASS
		5240	30	VN	5240.054	10.305344	PASS
		5240	20	VN	5240.045	8.5877863	PASS
		5240	10	VN	5240.031	5.9160305	PASS
		5240	0	VN	5240.076	14.503817	PASS
		5240	-10	VN	5240.02	3.8167939	PASS
		5240	-20	VN	5239.89	-20.992366	PASS
		5240	-30	VN	5240.05	9.5419847	PASS
11A	Ant1	5260	50	VN	5259.99	-1.9011407	PASS
		5260	40	VN	5260.055	10.456274	PASS
		5260	30	VN	5260.09	17.110266	PASS
		5260	20	VN	5260.15	28.51711	PASS
		5260	10	VN	5260.013	2.4714829	PASS
		5260	0	VN	5260.057	10.836502	PASS

		5260	-10	VN	5260.07	13.307985	PASS
		5260	-20	VN	5260.093	17.680608	PASS
		5260	-30	VN	5260.072	13.688213	PASS
11A	Ant1	5280	50	VN	5280.041	7.7651515	PASS
		5280	40	VN	5279.94	-11.363636	PASS
		5280	30	VN	5280.012	2.2727273	PASS
		5280	20	VN	5280.12	22.727273	PASS
		5280	10	VN	5280.11	20.833333	PASS
		5280	0	VN	5280.09	17.045455	PASS
		5280	-10	VN	5280.07	13.257576	PASS
		5280	-20	VN	5280.08	15.151515	PASS
		5280	-30	VN	5280.029	5.4924242	PASS
11A	Ant1	5320	50	VN	5319.96	-7.518797	PASS
		5320	40	VN	5319.99	-1.8796992	PASS
		5320	30	VN	5319.91	-16.917293	PASS
		5320	20	VN	5319.98	-3.7593985	PASS
		5320	10	VN	5320.06	11.278195	PASS
		5320	0	VN	5319.89	-20.676692	PASS
		5320	-10	VN	5320.084	15.789474	PASS
		5320	-20	VN	5320.045	8.4586466	PASS
		5320	-30	VN	5320.089	16.729323	PASS
11A	Ant1	5500	50	VN	5500.042	7.6363636	PASS
		5500	40	VN	5499.935	-11.818182	PASS
		5500	30	VN	5500.019	3.4545455	PASS
		5500	20	VN	5500.05	9.0909091	PASS
		5500	10	VN	5500.029	5.2727273	PASS
		5500	0	VN	5500.067	12.181818	PASS
		5500	-10	VN	5499.953	-8.5454545	PASS
		5500	-20	VN	5499.918	-14.909091	PASS
		5500	-30	VN	5500.017	3.0909091	PASS
11A	Ant1	5580	50	VN	5579.934	-11.827957	PASS
		5580	40	VN	5579.95	-8.9605735	PASS
		5580	30	VN	5579.948	-9.3189964	PASS
		5580	20	VN	5579.94	-10.752688	PASS
		5580	10	VN	5580.024	4.3010753	PASS
		5580	0	VN	5579.89	-19.713262	PASS

		5580	-10	VN	5580.027	4.8387097	PASS
		5580	-20	VN	5580.052	9.3189964	PASS
		5580	-30	VN	5579.977	-4.1218638	PASS
11A	Ant1	5700	50	VN	5699.959	-7.1929825	PASS
		5700	40	VN	5699.969	-5.4385965	PASS
		5700	30	VN	5699.866	-23.508772	PASS
		5700	20	VN	5700.052	9.122807	PASS
		5700	10	VN	5699.926	-12.982456	PASS
		5700	0	VN	5699.941	-10.350877	PASS
		5700	-10	VN	5700.037	6.4912281	PASS
		5700	-20	VN	5699.915	-14.912281	PASS
		5700	-30	VN	5699.949	-8.9473684	PASS
11A	Ant1	5745	50	VN	5744.962	-6.6144473	PASS
		5745	40	VN	5744.981	-3.3072237	PASS
		5745	30	VN	5744.885	-20.017406	PASS
		5745	20	VN	5745.013	2.2628372	PASS
		5745	10	VN	5744.98	-3.4812881	PASS
		5745	0	VN	5744.963	-6.4403829	PASS
		5745	-10	VN	5745.031	5.3959965	PASS
		5745	-20	VN	5745.01	1.740644	PASS
		5745	-30	VN	5744.971	-5.0478677	PASS
11A	Ant1	5785	50	VN	5784.99	-1.7286085	PASS
		5785	40	VN	5784.933	-11.581677	PASS
		5785	30	VN	5785.039	6.741573	PASS
		5785	20	VN	5784.939	-10.544512	PASS
		5785	10	VN	5785.038	6.5687122	PASS
		5785	0	VN	5784.977	-3.9757995	PASS
		5785	-10	VN	5785.045	7.7787381	PASS
		5785	-20	VN	5785.084	14.520311	PASS
		5785	-30	VN	5785.057	9.8530683	PASS
11A	Ant1	5825	50	VN	5825.074	12.703863	PASS
		5825	40	VN	5824.93	-12.017167	PASS
		5825	30	VN	5825.048	8.2403433	PASS
		5825	20	VN	5825.071	12.188841	PASS
		5825	10	VN	5824.972	-4.806867	PASS
		5825	0	VN	5824.95	-8.583691	PASS

		5825	-10	VN	5824.924	-13.04721	PASS
		5825	-20	VN	5825.051	8.7553648	PASS
		5825	-30	VN	5824.968	-5.4935622	PASS

4.6 Automatically Discontinue Transmission

4.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

4.6.2 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

4.7 Antenna Requirements

4.7.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.7.2 Antenna Connected Construction

An embedded-in antenna design is used.

4.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	Keysight	N9010A	MY56070788	2019-01-23	2020-01-22	Conducted
Power Sensor	Keysight	U2021XA	MY56510025	2019-01-23	2020-01-22	Conducted
Power Sensor	Keysight	U2021XA	MY57030005	2019-01-23	2020-01-22	Conducted
Power Sensor	Keysight	U2021XA	MY56510018	2019-01-23	2020-01-22	Conducted
Power Sensor	Keysight	U2021XA	MY56480002	2019-01-23	2020-01-22	Conducted
Thermal Chamber	Sanmtest	SMC-408-CD	2435	2018-07-05	2019-07-04	Conducted
Base Station	R&S	CMW 270	101231	2019-01-23	2020-01-22	Conducted
Signal Generator (Blocker)	Keysight	N5171B	MY56200661	2019-01-23	2020-01-22	Conducted

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV 40	101433	2019-02-18	2020-02-17	Radiation
Amplifier	Sonoma	310	363917	2019-01-22	2020-01-21	Radiation
Amplifier	Schwarzbeck	BBV 9718	327	2019-01-22	2020-01-21	Radiation
Amplifier	Narda	TTA1840-35-HG	2034380	2018-07-18	2019-07-17	Radiation
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-051	2017/3/3	2020/3/2	Radiation
Broadband Antenna	Schwarzbeck	VULB 9168	9168-757	2017-03-03	2020-03-02	Radiation
Horn Antenna	Schwarzbeck	BBHA 9120 D	1677	2017-03-03	2020-03-02	Radiation
Horn Antenna	COM-POWER	AH-1840	101117	2018-06-20	2021-06-19	Radiation
Test Software	Audix	E3	6.111221a	N/A	N/A	Radiation
Filter	Micro-Tronics	BRM 50702	G266	N/A	N/A	Radiation

N/A: No Calibration Required

6 Uncertainty of Evaluation

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	9kHz~30MHz	2.67dB
Radiated emissions	30MHz ~ 1GMHz	5.05dB
	1GHz ~ 18GHz	5.06 dB
	18GHz ~ 40GHz	3.65dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

-----End of the report-----