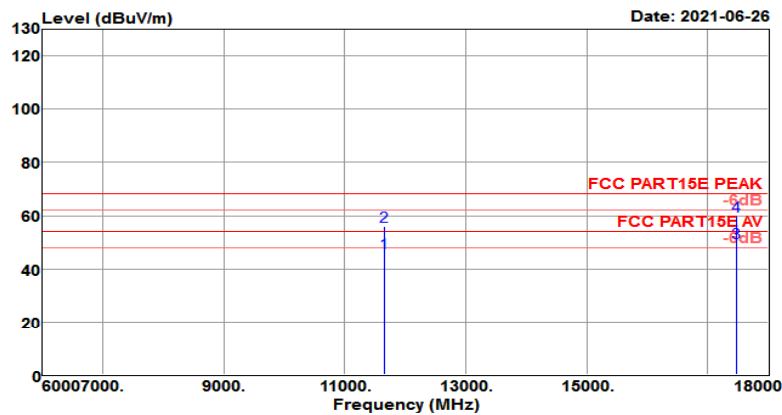




Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 22



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.82	39.40	13.76	33.04	45.94	54.00	-8.06	Average
11650.000	35.81	39.40	13.76	33.04	55.93	68.20	-12.27	Peak
17475.000	21.80	41.72	16.25	30.08	49.69	54.00	-4.31	Average
17475.000	31.93	41.72	16.25	30.08	59.82	68.20	-8.38	Peak

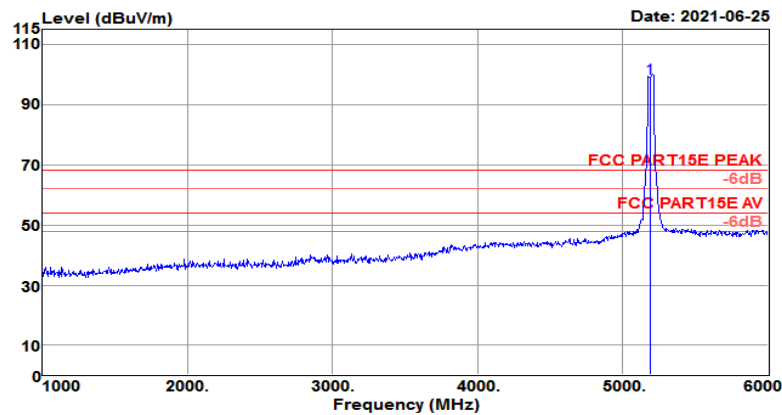
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH38 (5190MHz)	Power rating:	DC 3.85V

Data: 31



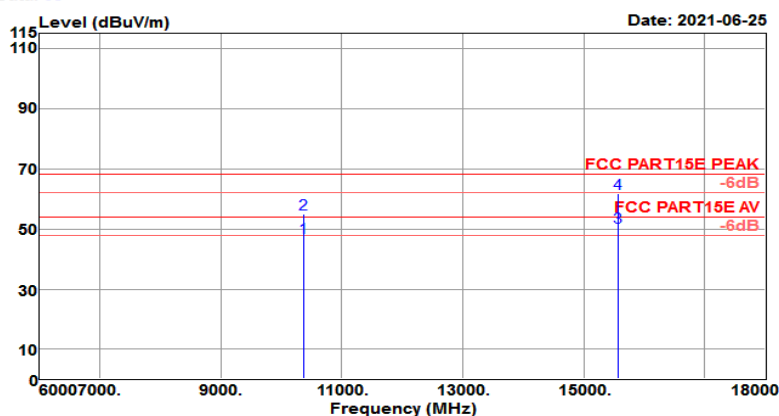
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5190.000	93.32	31.35	8.23	34.00	98.90	68.20	30.70	Peak



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH38 (5190MHz) Power rating: DC 3.85V

Data: 68



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10380.000	28.34	39.23	13.25	33.81	47.01	54.00	-6.99	Average
10380.000	36.18	39.23	13.25	33.81	54.85	68.20	-13.35	Peak
15570.000	22.94	38.37	20.73	31.50	50.54	54.00	-3.46	Average
15570.000	34.19	38.37	20.73	31.50	61.79	68.20	-6.41	Peak

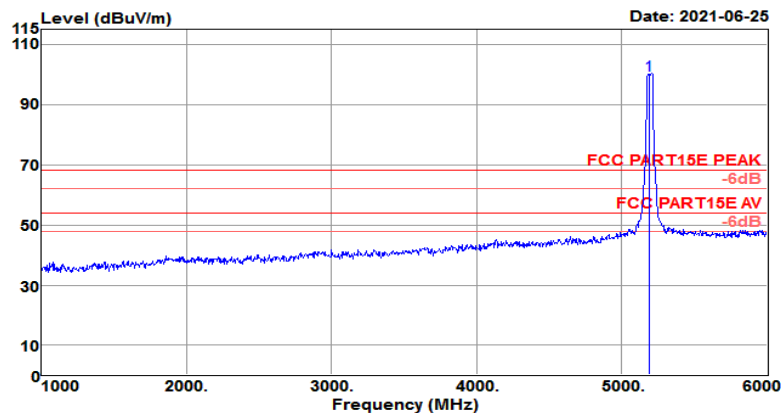
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH38 (5190MHz)	Power rating:	DC 3.85V

Data: 34



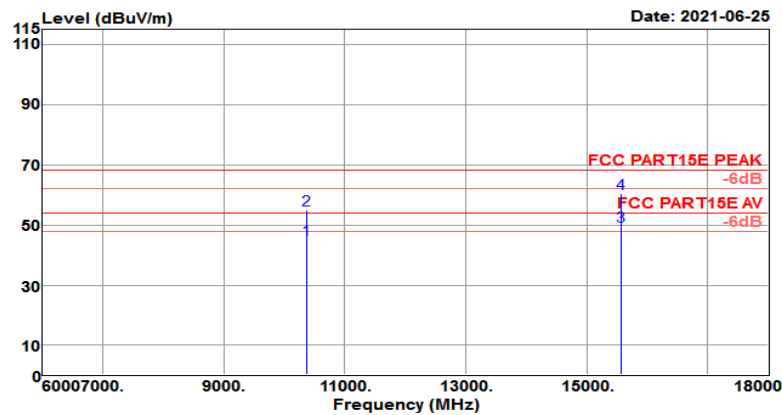
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5190.000	94.23	31.35	8.23	34.00	99.81	68.20	31.61	Peak



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH38 (5190MHz)
Power rating: DC 3.85V

Data: 70



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10380.000	26.41	39.23	13.25	33.81	45.08	54.00	-8.92	Average
10380.000	36.29	39.23	13.25	33.81	54.96	68.20	-13.24	Peak
15570.000	21.97	38.37	20.73	31.50	49.57	54.00	-4.43	Average
15570.000	32.84	38.37	20.73	31.50	60.44	68.20	-7.76	Peak

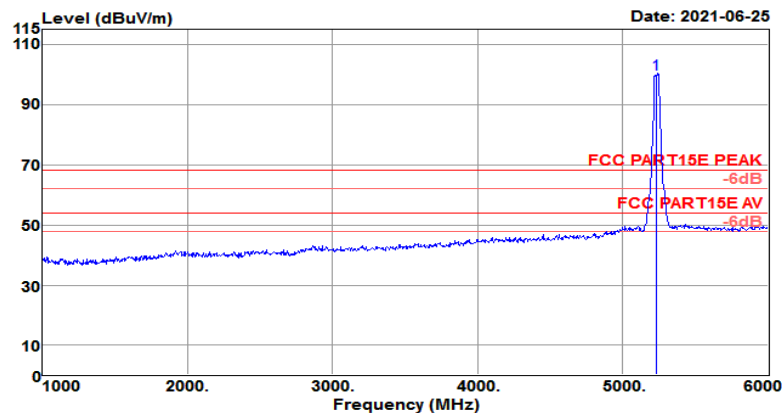
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH46 (5230MHz)	Power rating:	DC 3.85V

Data: 41



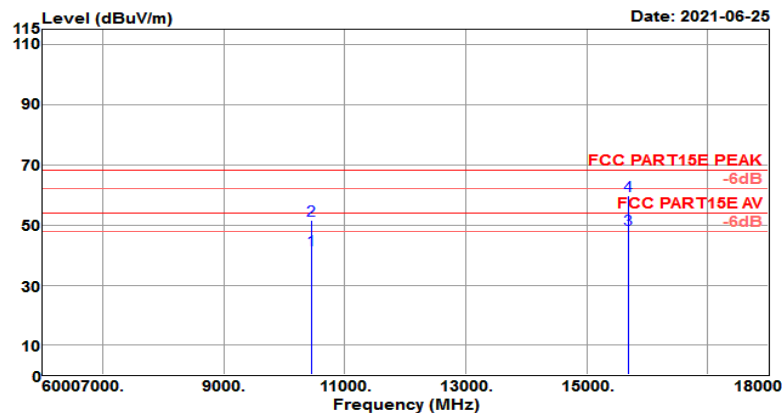
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5230.000	94.52	31.38	8.37	34.02	100.25	68.20	32.05	Peak



Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH46 (5230MHz)	Power rating:	DC 3.85V

Data: 86



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10460.000	22.91	39.34	13.31	33.70	41.86	54.00	-12.14	Average
10460.000	32.65	39.34	13.31	33.70	51.60	68.20	-16.60	Peak
15690.000	21.35	38.16	20.34	31.42	48.43	54.00	-5.57	Average
15690.000	32.57	38.16	20.34	31.42	59.65	68.20	-8.55	Peak

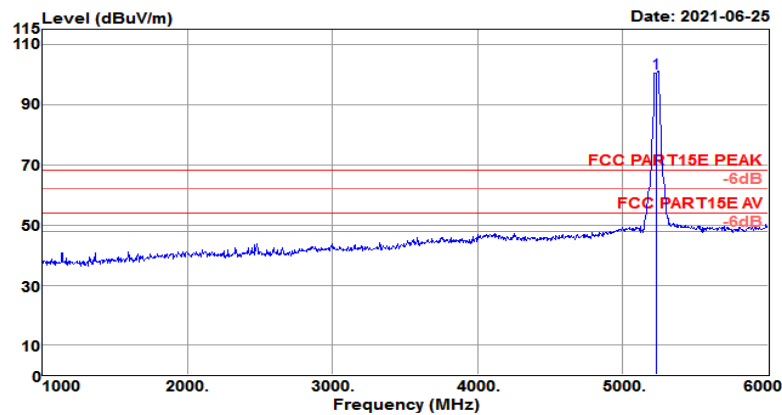
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH46 (5230MHz) Power rating: DC 3.85V

Data: 42



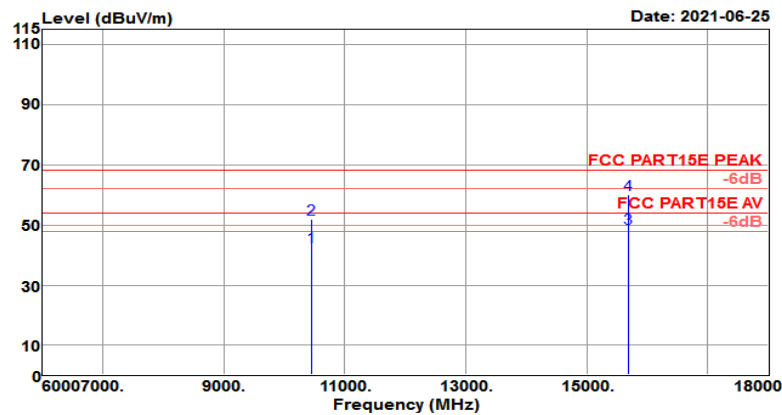
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5230.000	94.84	31.38	8.37	34.02	100.57	68.20	32.37	Peak



Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH46 (5230MHz)
Power rating: DC 3.85V

Data: 85



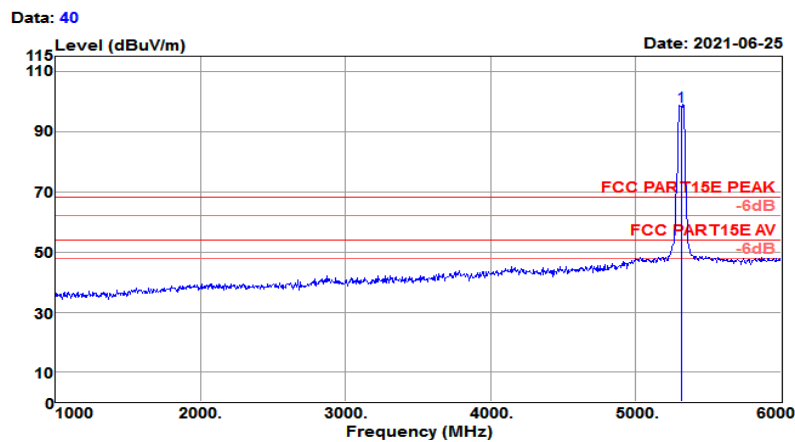
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10460.000	23.85	39.34	13.31	33.70	42.80	54.00	-11.20	Average
10460.000	32.95	39.34	13.31	33.70	51.90	68.20	-16.30	Peak
15690.000	21.75	38.16	20.34	31.42	48.83	54.00	-5.17	Average
15690.000	32.86	38.16	20.34	31.42	59.94	68.20	-8.26	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.



Test Mode :	802.11 n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V



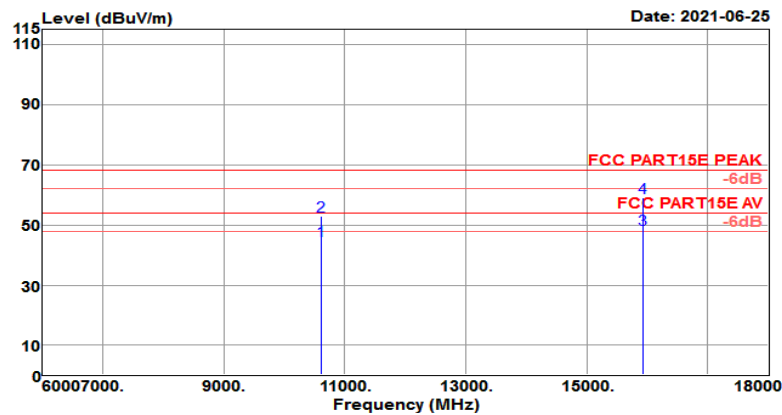
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5310.000	92.22	31.45	8.68	34.06	98.29	68.20	30.09	Peak



Test Mode :	802.11 n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 72



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10620.000	24.94	39.52	13.78	33.49	44.75	54.00	-9.25	Average
10620.000	33.15	39.52	13.78	33.49	52.96	68.20	-15.24	Peak
15930.000	22.45	37.73	19.56	31.25	48.49	54.00	-5.51	Average
15930.000	32.95	37.73	19.56	31.25	58.99	68.20	-9.21	Peak

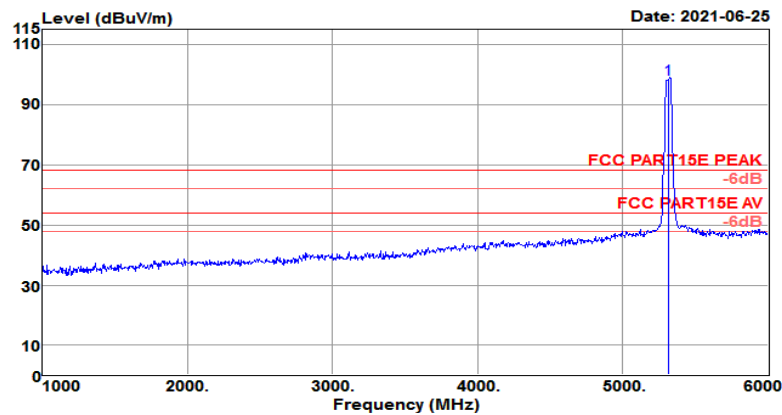
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 37



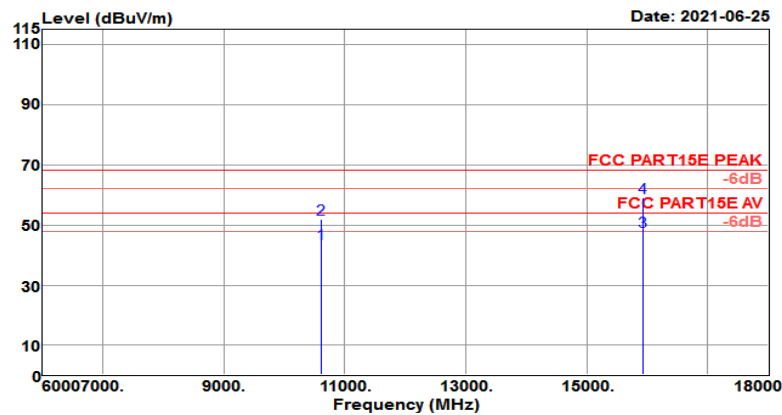
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5310.000	92.21	31.45	8.68	34.06	98.28	68.20	30.08	Peak



Test Mode :	802.11 n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 74



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10620.000	23.81	39.52	13.78	33.49	43.62	54.00	-10.38	Average
10620.000	31.95	39.52	13.78	33.49	51.76	68.20	-16.44	Peak
15930.000	21.93	37.73	19.56	31.25	47.97	54.00	-6.03	Average
15930.000	32.85	37.73	19.56	31.25	58.89	68.20	-9.31	Peak

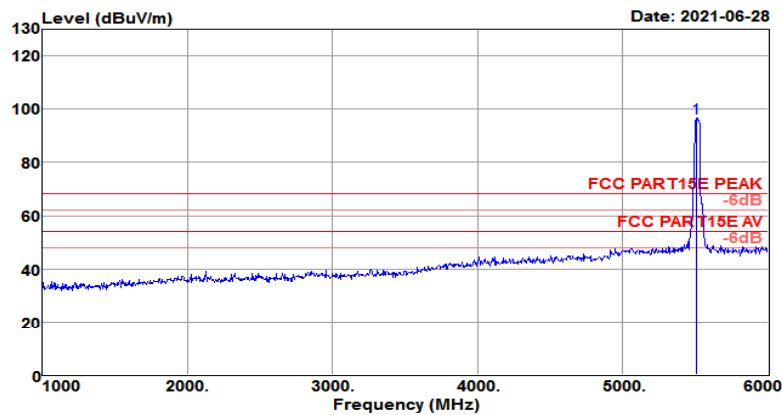
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH102(5510MHz)	Power rating:	DC 3.85V

Data: 99



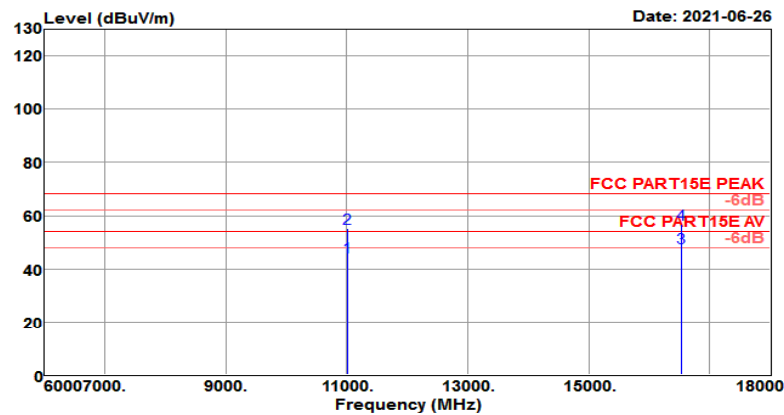
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5510.000	90.62	31.62	8.76	34.16	96.84	68.20	28.64	Peak



Test Mode :	802.11 n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT40 CH102(5510MHz)
Power rating: DC 3.85V

Data: 28



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.63	39.89	12.71	32.56	44.67	54.00	-9.33	Average
11020.000	35.35	39.89	12.71	32.56	55.39	68.20	-12.81	Peak
16530.000	23.81	38.69	15.83	30.50	47.83	54.00	-6.17	Average
16530.000	32.70	38.69	15.83	30.50	56.72	68.20	-11.48	Peak

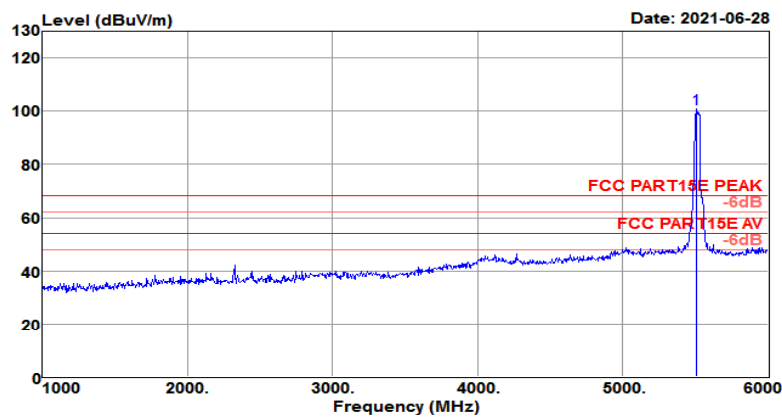
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH102(5510MHz)	Power rating:	DC 3.85V

Data: 102



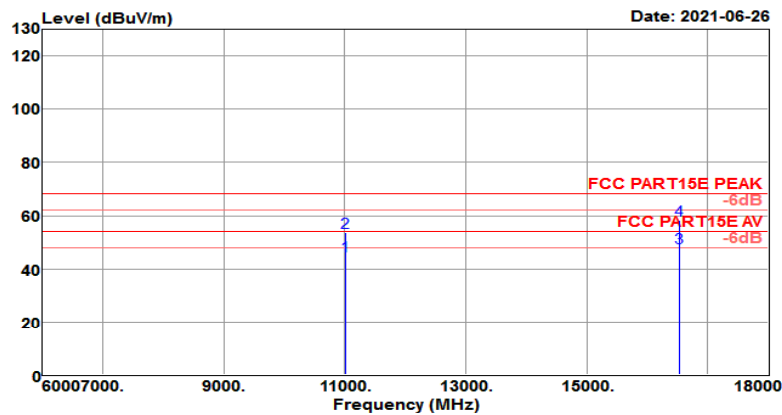
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5510.000	94.53	31.62	8.76	34.16	100.75	68.20	32.55	Peak



Test Mode :	802.11 n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH102(5510MHz)
Power rating: DC 3.85V

Data: 26



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.81	39.89	12.71	32.56	44.85	54.00	-9.15	Average
11020.000	33.73	39.89	12.71	32.56	53.77	68.20	-14.43	Peak
16530.000	23.74	38.69	15.83	30.50	47.76	54.00	-6.24	Average
16530.000	34.36	38.69	15.83	30.50	58.38	68.20	-9.82	Peak

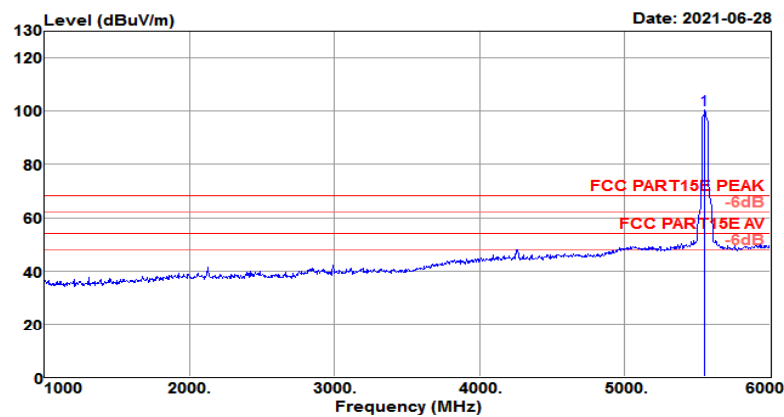
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH110(5550MHz)	Power rating:	DC 3.85V

Data: 104



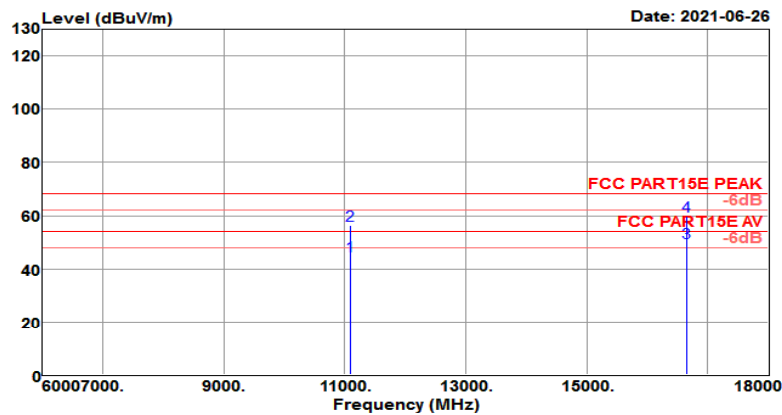
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5550.000	94.22	31.68	8.66	34.18	100.38	68.20	32.18	Peak



Test Mode :	802.11 n HT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT40 CH110(5550MHz)
Power rating: DC 3.85V

Data: 30



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.82	39.86	12.82	32.62	44.88	54.00	-9.12	Average
11100.000	36.51	39.86	12.82	32.62	56.57	68.20	-11.63	Peak
16650.000	24.36	39.05	16.69	30.40	49.70	54.00	-4.30	Average
16650.000	34.58	39.05	16.69	30.40	59.92	68.20	-8.28	Peak

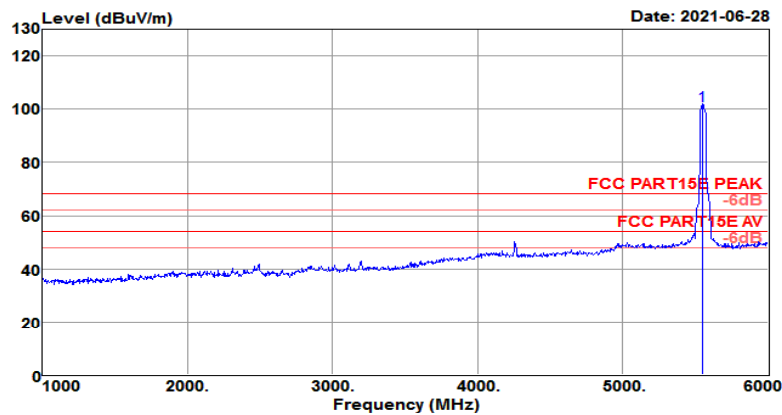
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH110(5550MHz)	Power rating:	DC 3.85V

Data: 103



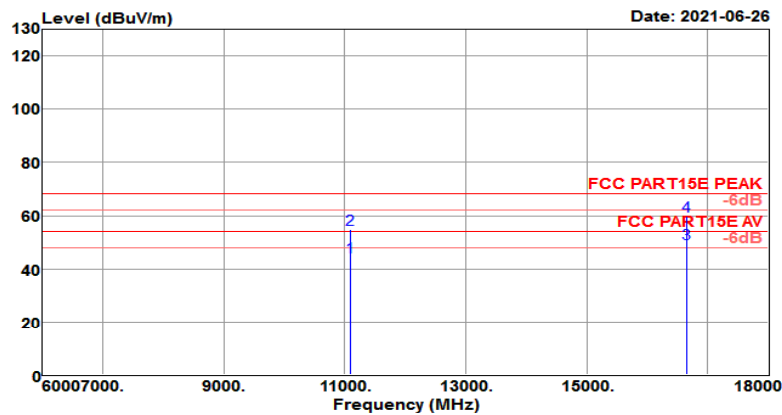
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5550.000	95.16	31.68	8.66	34.18	101.32	68.20	33.12	Peak



Test Mode :	802.11 n HT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH110(5550MHz)
Power rating: DC 3.85V

Data: 32



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.51	39.86	12.82	32.62	44.57	54.00	-9.43	Average
11100.000	34.75	39.86	12.82	32.62	54.81	68.20	-13.39	Peak
16650.000	24.32	39.05	16.69	30.40	49.66	54.00	-4.34	Average
16650.000	34.67	39.05	16.69	30.40	60.01	68.20	-8.19	Peak

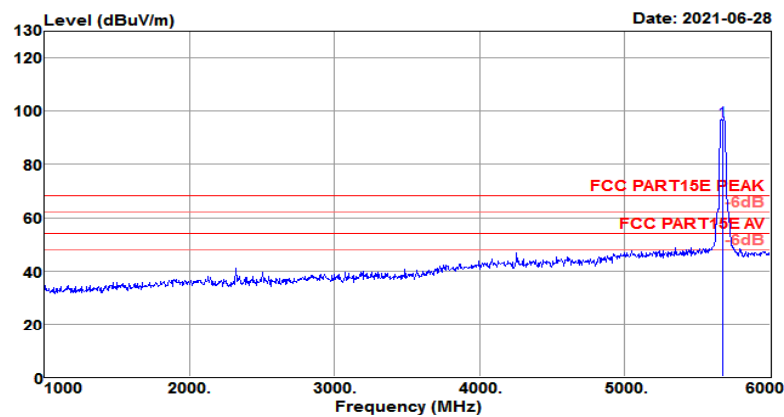
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT40 CH134(5670MHz)
Power rating: DC 3.85V

Data: 110



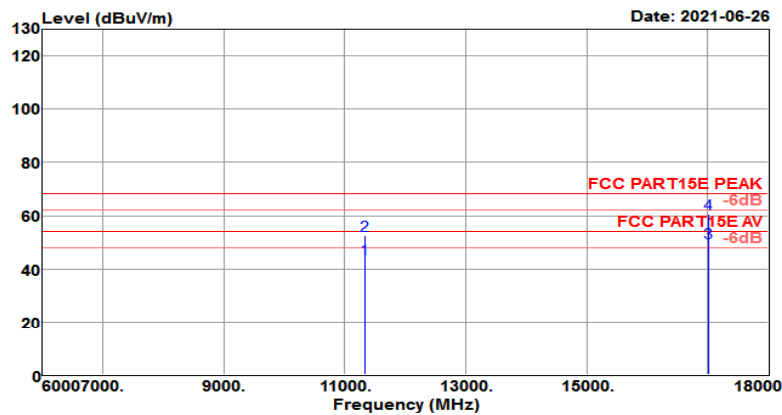
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5670.000	90.39	31.87	8.12	34.24	96.14	68.20	27.94	Peak



Test Mode :	802.11 n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT40 CH134(5670MHz)
Power rating: DC 3.85V

Data: 34



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11340.000	23.53	39.76	13.14	32.80	43.63	54.00	-10.37	Average
11340.000	32.48	39.76	13.14	32.80	52.58	68.20	-15.62	Peak
17010.000	20.85	40.13	19.15	30.08	50.05	54.00	-3.95	Average
17010.000	31.52	40.13	19.15	30.08	60.72	68.20	-7.48	Peak

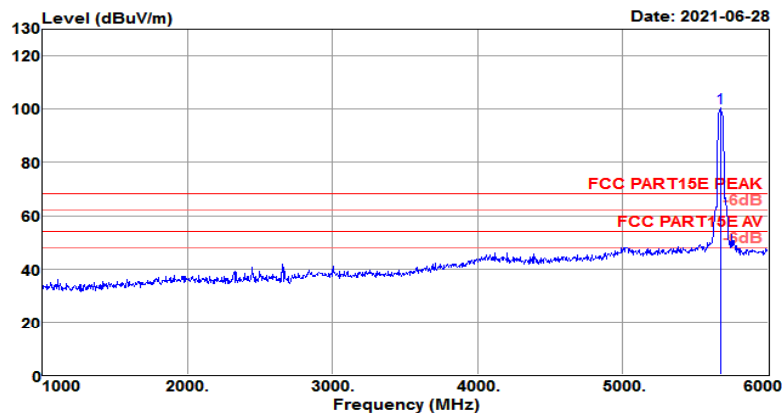
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH134(5670MHz)	Power rating:	DC 3.85V

Data: 107



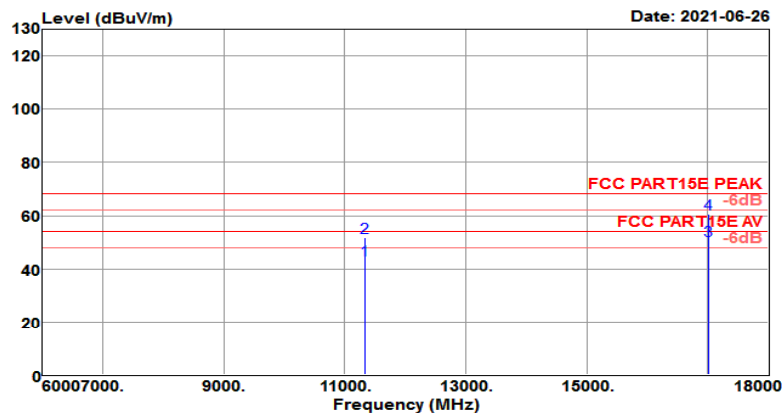
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5670.000	94.61	31.87	8.12	34.24	100.36	68.20	32.16	Peak



Test Mode :	802.11 n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH134(5670MHz)	Power rating:	DC 3.85V

Data: 36



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11340.000	23.16	39.76	13.14	32.80	43.26	54.00	-10.74	Average
11340.000	31.84	39.76	13.14	32.80	51.94	68.20	-16.26	Peak
17010.000	21.35	40.13	19.15	30.08	50.55	54.00	-3.45	Average
17010.000	31.57	40.13	19.15	30.08	60.77	68.20	-7.43	Peak

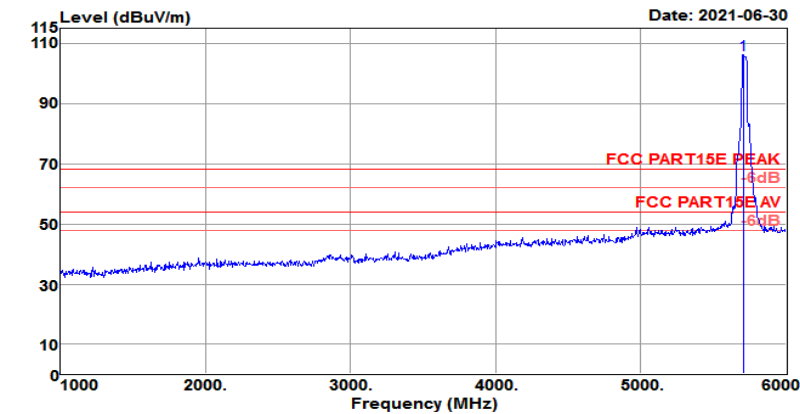
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 173



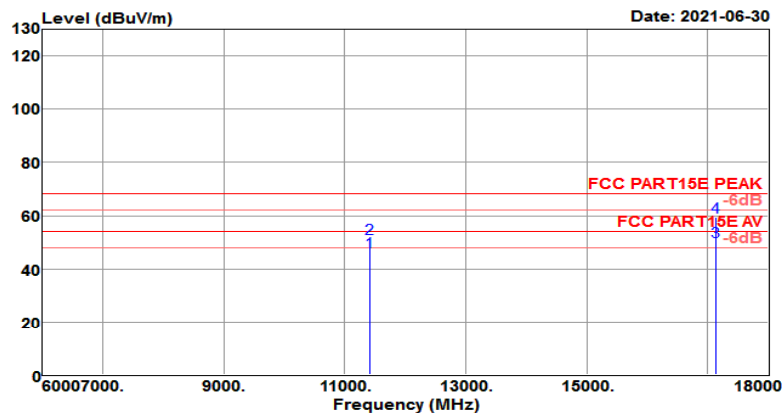
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5710.000	100.69	31.94	7.89	34.26	106.26	68.20	38.06	Peak



Test Mode :	802.11 n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH142(5710MHz)	Power rating:	DC 3.85V

Data: 190



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11424.000	26.47	39.73	13.26	32.87	46.59	54.00	-7.41	Average
11424.000	31.28	39.73	13.26	32.87	51.40	68.20	-16.80	Peak
17130.000	21.57	40.54	18.40	30.08	50.43	54.00	-3.57	Average
17130.000	30.63	40.54	18.40	30.08	59.49	68.20	-8.71	Peak

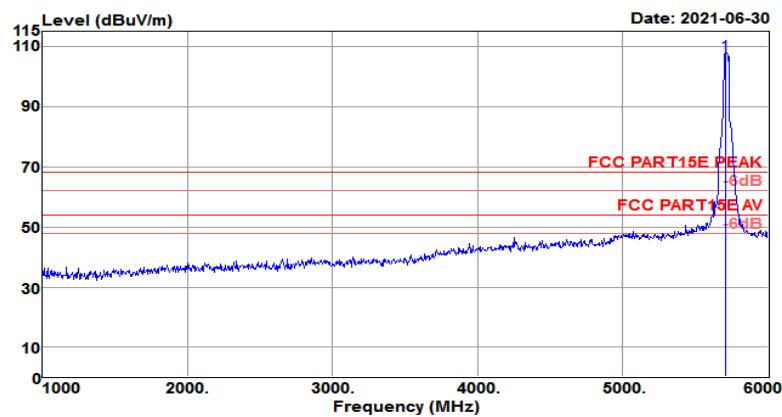
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 176



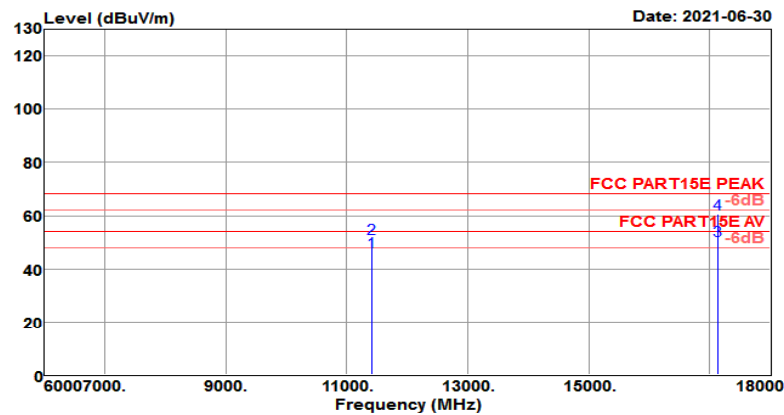
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5710.000	101.49	31.94	7.89	34.26	107.06	68.20	38.86	Peak



Test Mode :	802.11 n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 21℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH142(5710MHz)
Power rating: DC 3.85V

Data: 189



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11420.000	26.25	39.73	13.25	32.86	46.37	54.00	-7.63	Average
11420.000	31.12	39.73	13.25	32.86	51.24	68.20	-16.96	Peak
17130.000	21.92	40.54	18.40	30.08	50.78	54.00	-3.22	Average
17130.000	31.83	40.54	18.40	30.08	60.69	68.20	-7.51	Peak

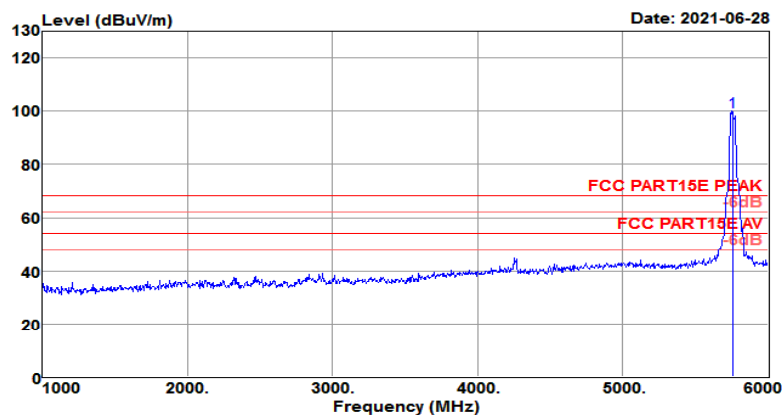
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V

Data: 85



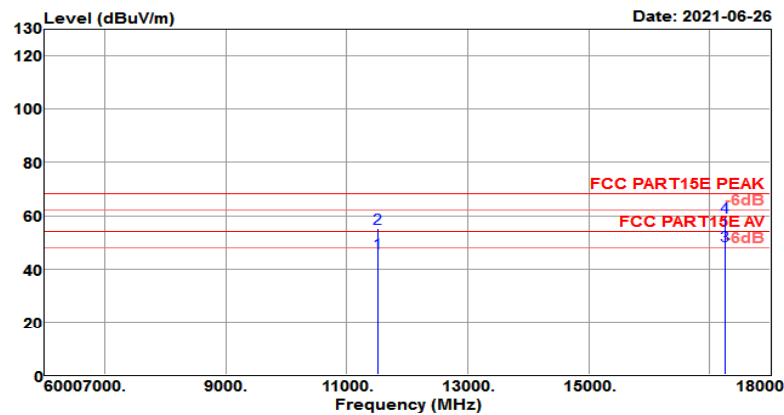
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5755.000	95.93	32.01	6.06	34.28	99.72	68.20	31.52	Peak



Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V

Data: 6



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11510.000	25.72	39.68	13.39	32.93	45.86	54.00	-8.14	Average
11510.000	35.15	39.68	13.39	32.93	55.29	68.20	-12.91	Peak
17265.000	20.42	41.00	17.56	30.08	48.90	54.00	-5.10	Average
17265.000	30.82	41.00	17.56	30.08	59.30	68.20	-8.90	Peak

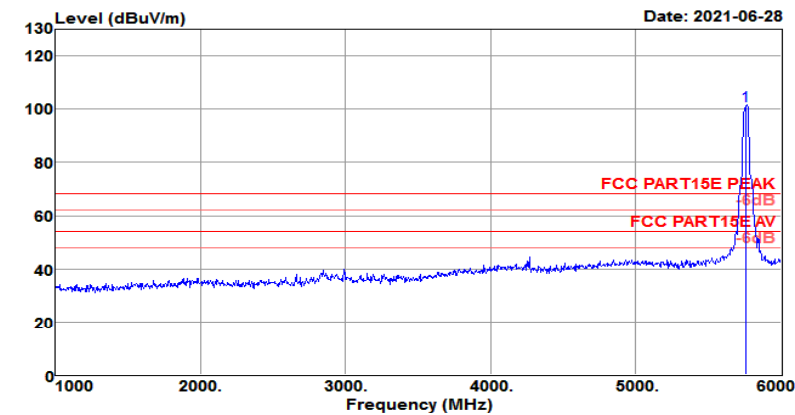
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V

Data: 88



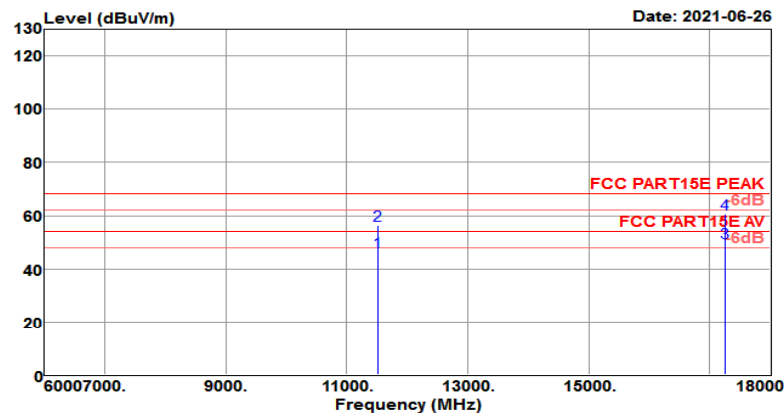
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5755.000	97.51	32.01	6.06	34.28	101.30	68.20	33.10	Peak



Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V

Data: 8



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11510.000	26.19	39.68	13.39	32.93	46.33	54.00	-7.67	Average
11510.000	36.43	39.68	13.39	32.93	56.57	68.20	-11.63	Peak
17265.000	21.52	41.00	17.56	30.08	50.00	54.00	-4.00	Average
17265.000	32.18	41.00	17.56	30.08	60.66	68.20	-7.54	Peak

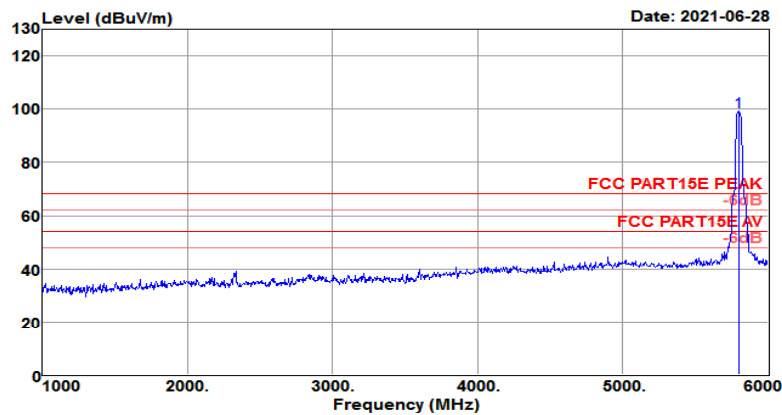
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 94



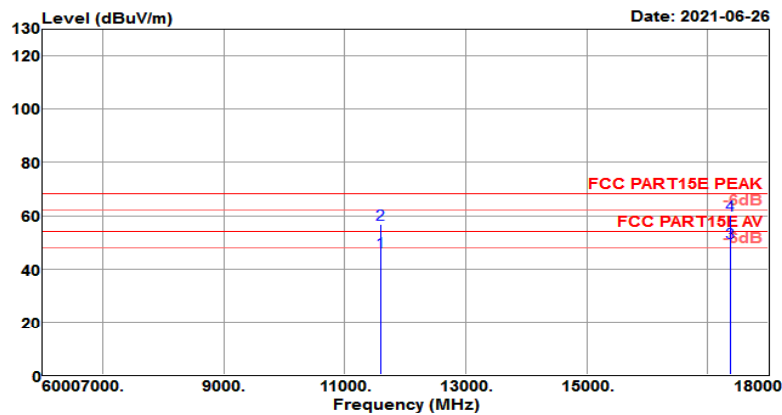
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5795.000	95.16	32.07	6.10	34.30	99.03	68.20	30.83	Peak



Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 12



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11590.000	26.17	39.52	13.60	32.99	46.30	54.00	-7.70	Average
11590.000	36.64	39.52	13.60	32.99	56.77	68.20	-11.43	Peak
17385.000	21.84	41.41	16.81	30.08	49.98	54.00	-4.02	Average
17385.000	32.25	41.41	16.81	30.08	60.39	68.20	-7.81	Peak

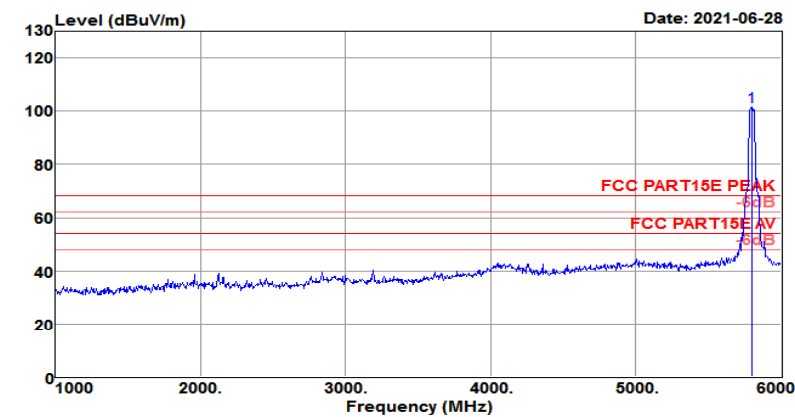
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 91



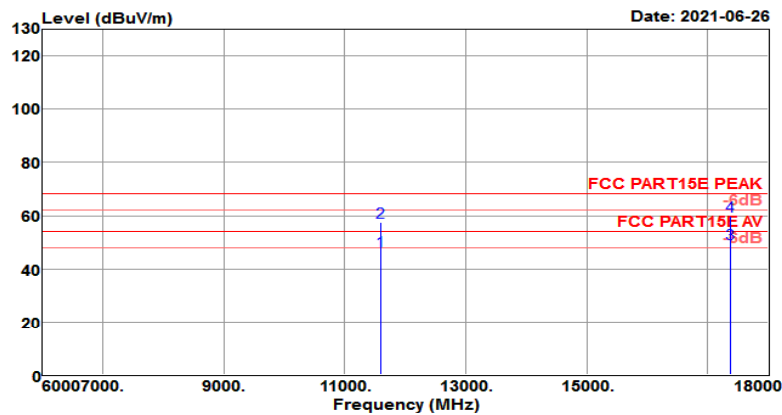
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5795.000	97.93	32.07	6.10	34.30	101.80	68.20	33.60	Peak



Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 10



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11590.000	26.73	39.52	13.60	32.99	46.86	54.00	-7.14	Average
11590.000	37.42	39.52	13.60	32.99	57.55	68.20	-10.65	Peak
17385.000	21.35	41.41	16.81	30.08	49.49	54.00	-4.51	Average
17385.000	31.58	41.41	16.81	30.08	59.72	68.20	-8.48	Peak

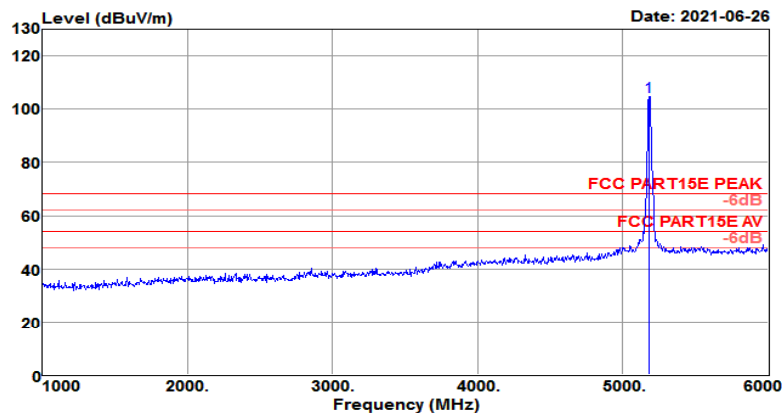
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11ac VHT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH36(5180MHz) Power rating: DC 3.85V

Data: 94

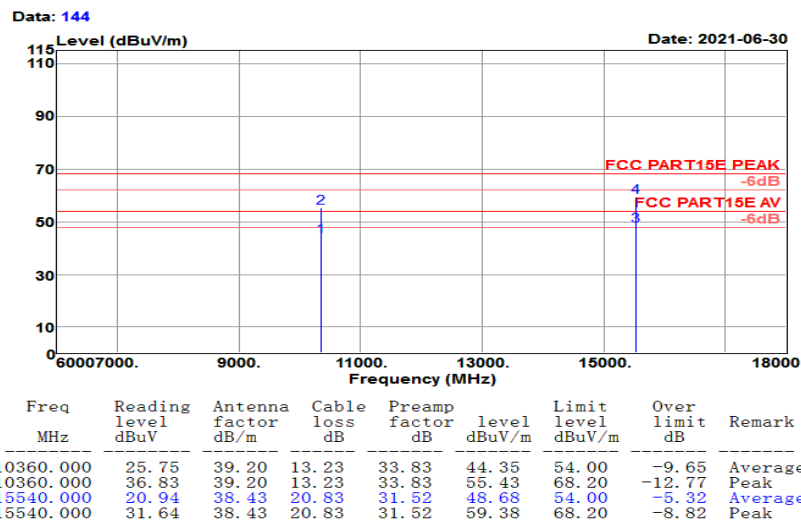


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	99.06	31.34	8.22	33.99	104.63	68.20	36.43	Peak



Test Mode :	802.11 ac VHT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH36 (5180MHz) Power rating: DC 3.85V

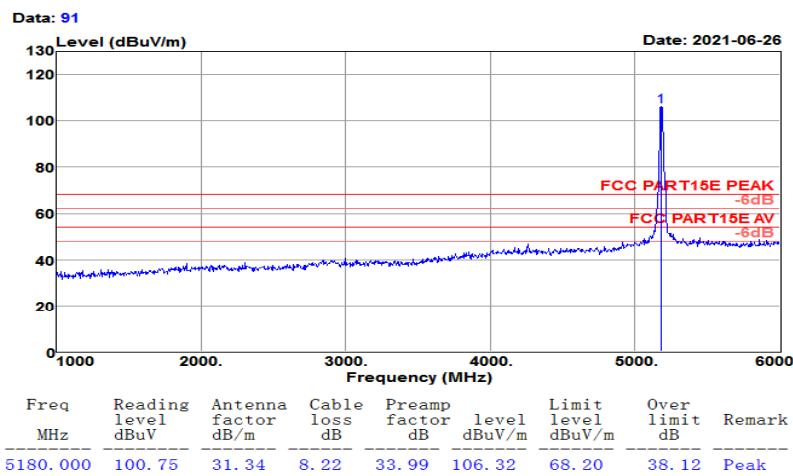


Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11ac VHT20 CH36(5180MHz)	Power rating:	DC 3.85V

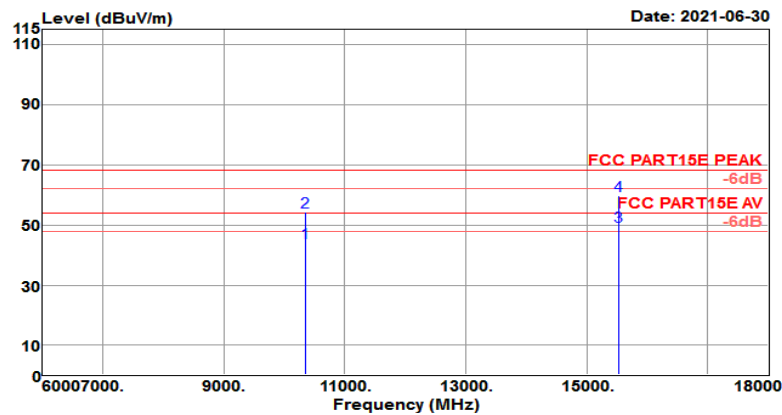




Test Mode :	802.11 ac VHT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH36 (5180MHz) Power rating: DC 3.85V

Data: 142



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.64	39.20	13.23	33.83	44.24	54.00	-9.76	Average
10360.000	35.54	39.20	13.23	33.83	54.14	68.20	-14.06	Peak
15540.000	21.85	38.43	20.83	31.52	49.59	54.00	-4.41	Average
15540.000	31.93	38.43	20.83	31.52	59.67	68.20	-8.53	Peak

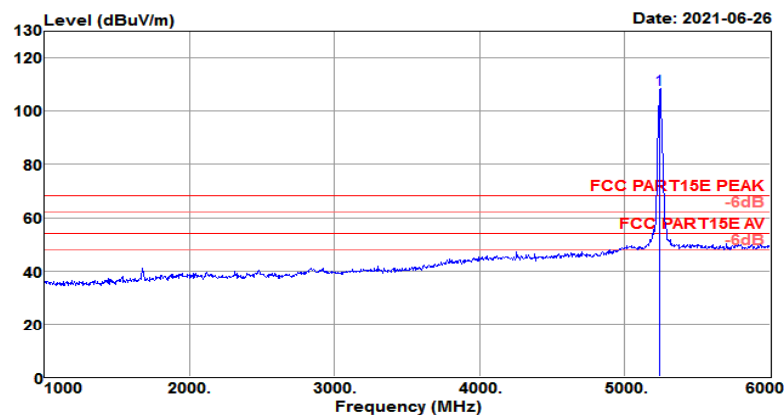
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH48(5240MHz) Power rating: DC 3.85V

Data: 95



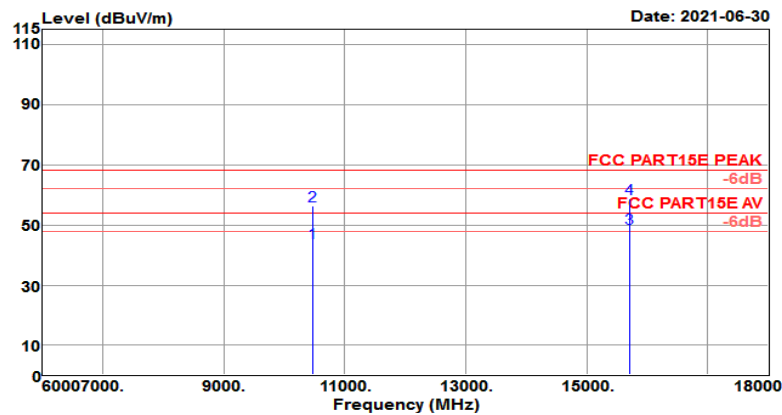
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	102.36	31.39	8.41	34.02	108.14	68.20	39.94	Peak



Test Mode :	802.11 ac VHT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH48 (5240MHz) Power rating: DC 3.85V

Data: 146



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.19	39.37	13.32	33.68	44.20	54.00	-9.80	Average
10480.000	37.39	39.37	13.32	33.68	56.40	68.20	-11.80	Peak
15720.000	21.95	38.10	20.24	31.40	48.89	54.00	-5.11	Average
15720.000	31.84	38.10	20.24	31.40	58.78	68.20	-9.42	Peak

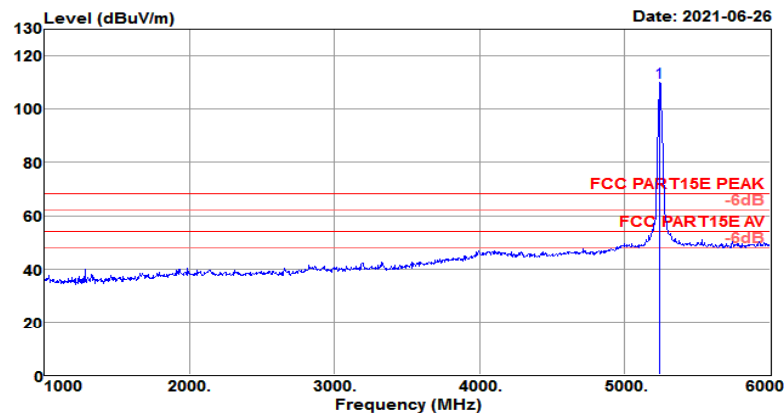
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH48(5240MHz) Power rating: DC 3.85V

Data: 96



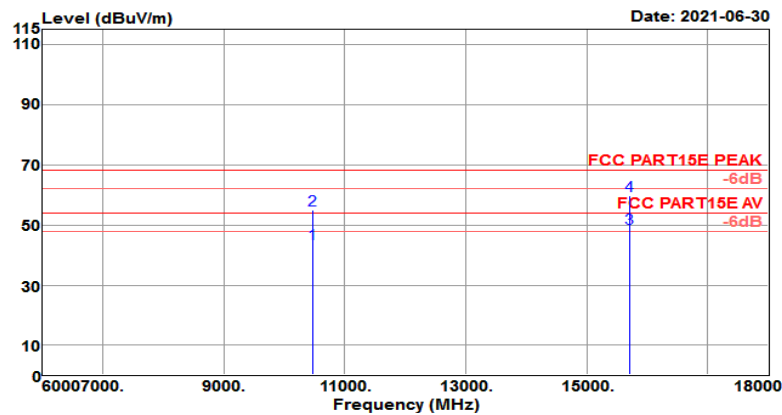
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	104.26	31.39	8.41	34.02	110.04	68.20	41.84	Peak



Test Mode :	802.11 ac VHT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH48 (5240MHz) Power rating: DC 3.85V

Data: 148



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	24.75	39.37	13.32	33.68	43.76	54.00	-10.24	Average
10480.000	35.84	39.37	13.32	33.68	54.85	68.20	-13.35	Peak
15720.000	21.86	38.10	20.24	31.40	48.80	54.00	-5.20	Average
15720.000	32.92	38.10	20.24	31.40	59.86	68.20	-8.34	Peak

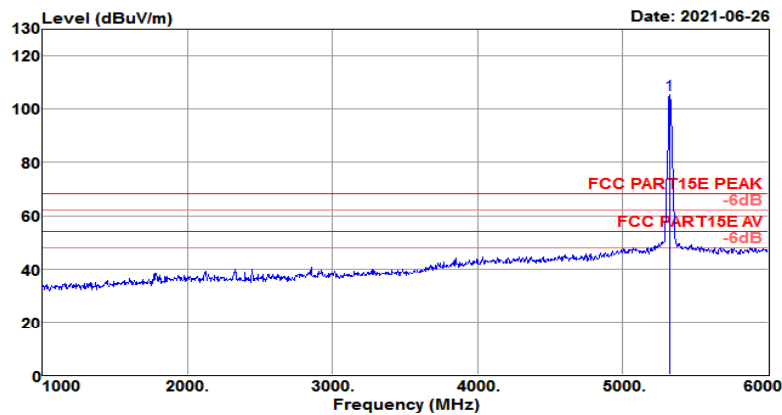
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH64(5320MHz) Power rating: DC 3.85V

Data: 102



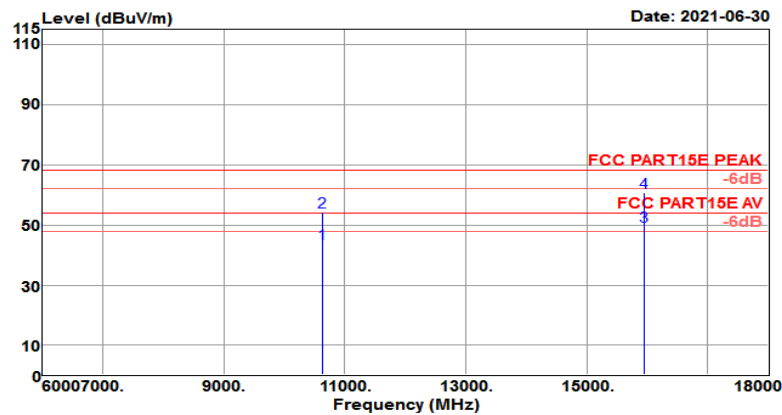
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	99.28	31.46	8.72	34.06	105.40	68.20	37.20	Peak



Test Mode :	802.11 ac VHT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH64 (5320MHz) Power rating: DC 3.85V

Data: 152



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	23.92	39.54	13.86	33.47	43.85	54.00	-10.15	Average
10640.000	34.35	39.54	13.86	33.47	54.28	68.20	-13.92	Peak
15960.000	23.48	37.67	19.46	31.23	49.38	54.00	-4.62	Average
15960.000	34.95	37.67	19.46	31.23	60.85	68.20	-7.35	Peak

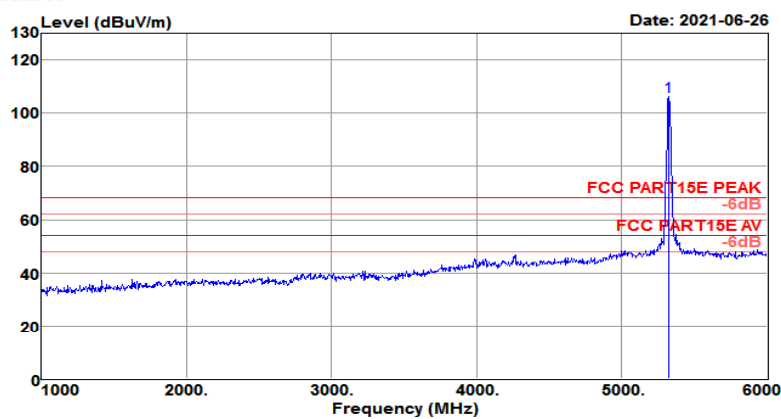
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH64(5320MHz) Power rating: DC 3.85V

Data: 99



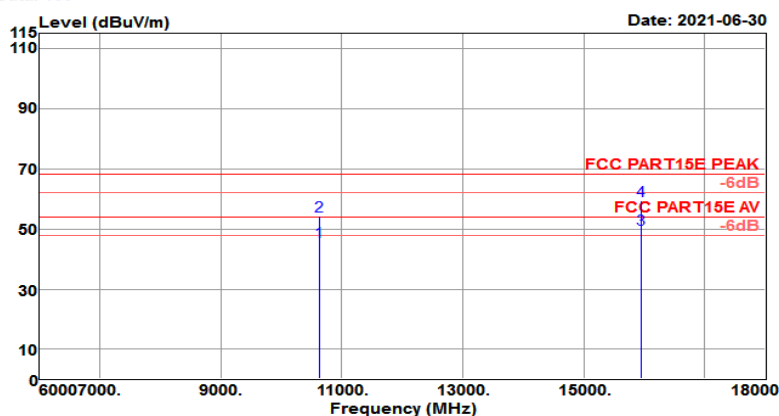
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	100.11	31.46	8.72	34.06	106.23	68.20	38.03	Peak



Test Mode :	802.11 ac VHT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH64 (5320MHz) Power rating: DC 3.85V

Data: 150



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	25.72	39.54	13.86	33.47	45.65	54.00	-8.35	Average
10640.000	34.48	39.54	13.86	33.47	54.41	68.20	-13.79	Peak
15960.000	23.91	37.67	19.46	31.23	49.81	54.00	-4.19	Average
15960.000	33.52	37.67	19.46	31.23	59.42	68.20	-8.78	Peak

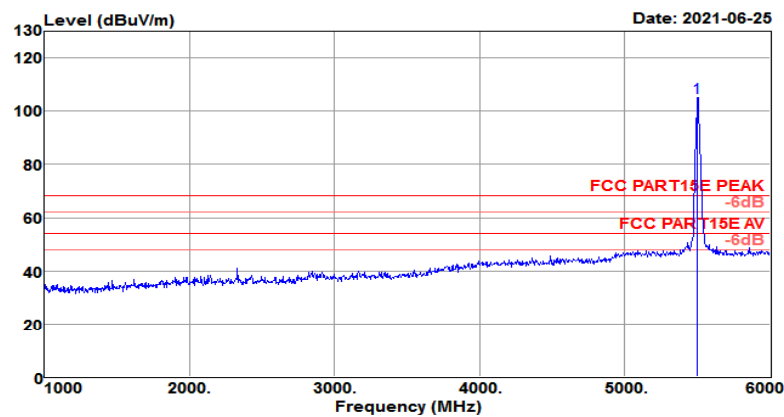
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 71



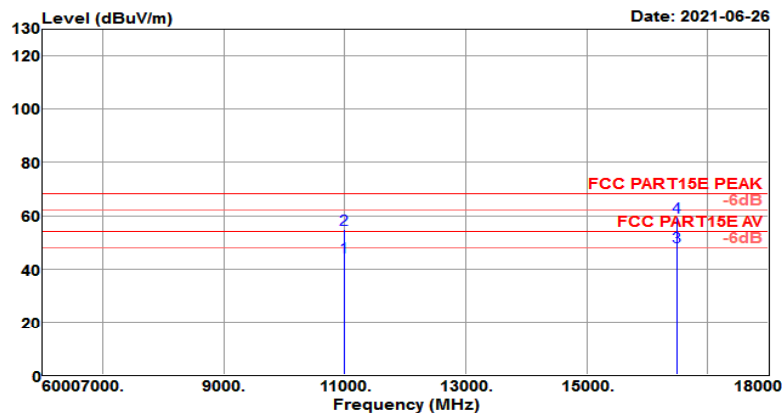
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	98.99	31.60	8.78	34.15	105.22	68.20	37.02	Peak



Test Mode :	802.11 ac VHT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 46



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.62	39.90	12.68	32.54	44.66	54.00	-9.34	Average
11000.000	34.82	39.90	12.68	32.54	54.86	68.20	-13.34	Peak
16500.000	24.83	38.60	15.61	30.53	48.51	54.00	-5.49	Average
16500.000	35.84	38.60	15.61	30.53	59.52	68.20	-8.68	Peak

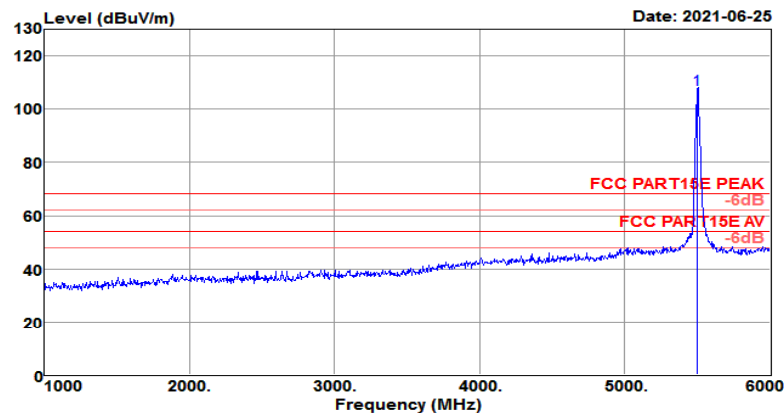
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 74



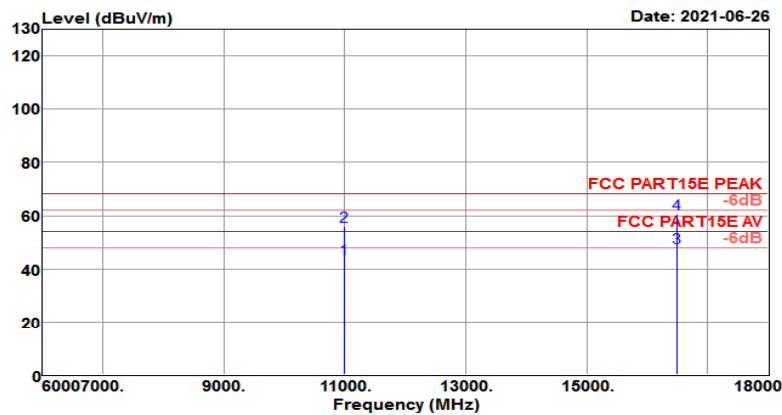
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	100.99	31.60	8.78	34.15	107.22	68.20	39.02	Peak



Test Mode :	802.11 ac VHT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 48



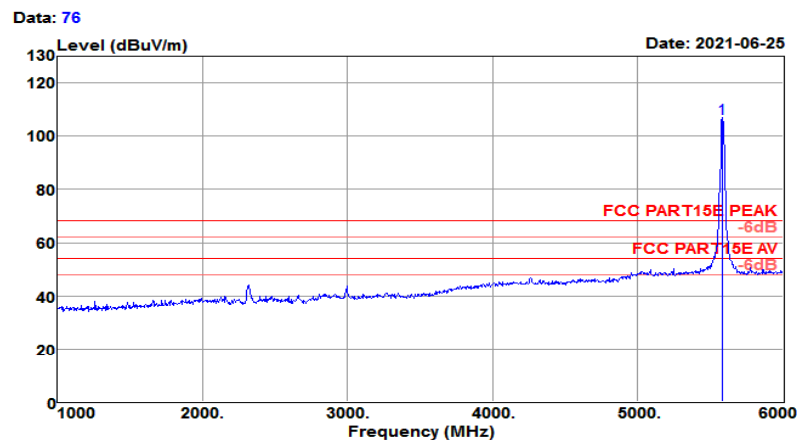
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	23.72	39.90	12.68	32.54	43.76	54.00	-10.24	Average
11000.000	35.95	39.90	12.68	32.54	55.99	68.20	-12.21	Peak
16500.000	24.13	38.60	15.61	30.53	47.81	54.00	-6.19	Average
16500.000	36.76	38.60	15.61	30.53	60.44	68.20	-7.76	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.



Test Mode :	802.11 ac VHT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH116(5580MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	100.65	31.73	8.59	34.19	106.78	68.20	38.58	Peak



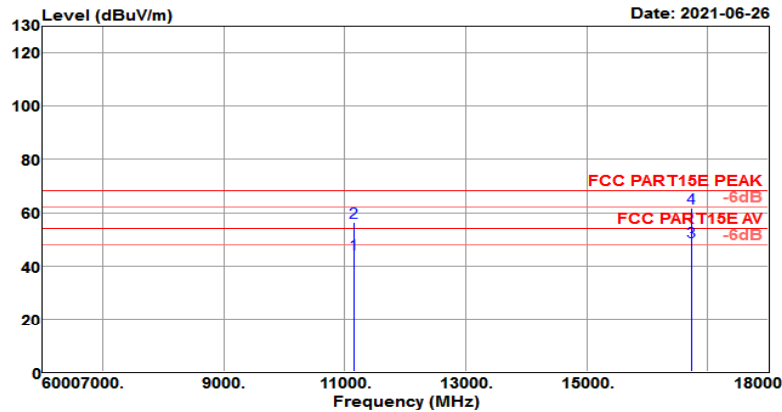
Test Mode :	802.11 ac VHT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT20 CH116(5580MHz) Power rating: DC 3.85V

Data: 52



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.35	39.84	12.90	32.67	44.42	54.00	-9.58	Average
11160.000	36.35	39.84	12.90	32.67	56.42	68.20	-11.78	Peak
16740.000	22.83	39.32	17.34	30.31	49.18	54.00	-4.82	Average
16740.000	35.57	39.32	17.34	30.31	61.92	68.20	-6.28	Peak

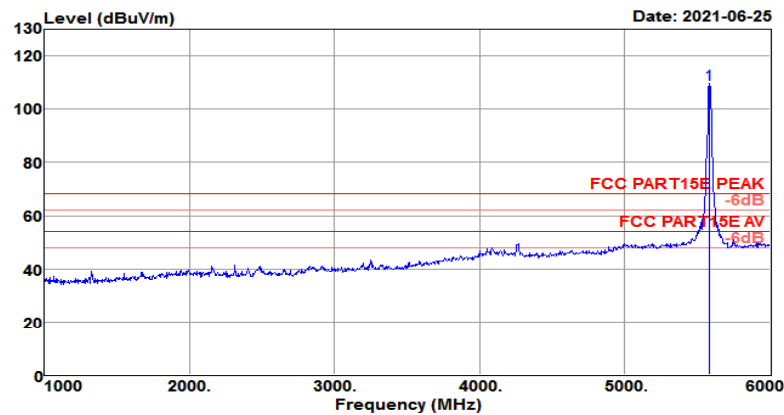
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH116(5580MHz) Power rating: DC 3.85V

Data: 75



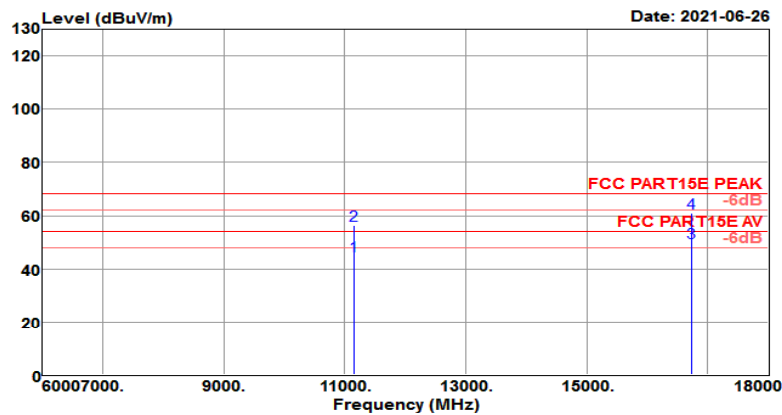
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	103.18	31.73	8.59	34.19	109.31	68.20	41.11	Peak



Test Mode :	802.11 ac VHT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH116(5580MHz) Power rating: DC 3.85V

Data: 50



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.85	39.84	12.90	32.67	44.92	54.00	-9.08	Average
11160.000	36.48	39.84	12.90	32.67	56.55	68.20	-11.65	Peak
16740.000	23.52	39.32	17.34	30.31	49.87	54.00	-4.13	Average
16740.000	34.82	39.32	17.34	30.31	61.17	68.20	-7.03	Peak

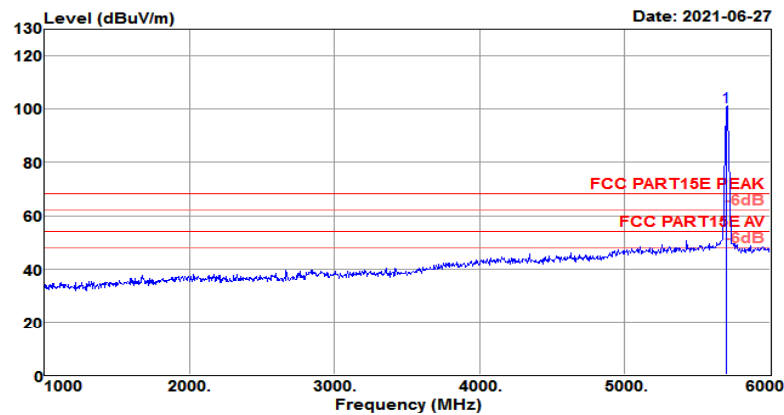
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 79



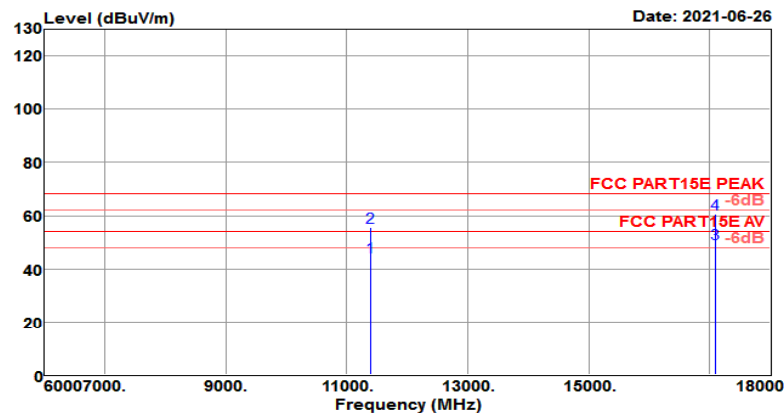
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	95.19	31.92	7.94	34.25	100.80	68.20	32.60	Peak



Test Mode :	802.11 ac VHT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 54



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	24.54	39.74	13.22	32.85	44.65	54.00	-9.35	Average
11400.000	35.53	39.74	13.22	32.85	55.64	68.20	-12.56	Peak
17100.000	20.58	40.44	18.59	30.08	49.53	54.00	-4.47	Average
17100.000	31.81	40.44	18.59	30.08	60.76	68.20	-7.44	Peak

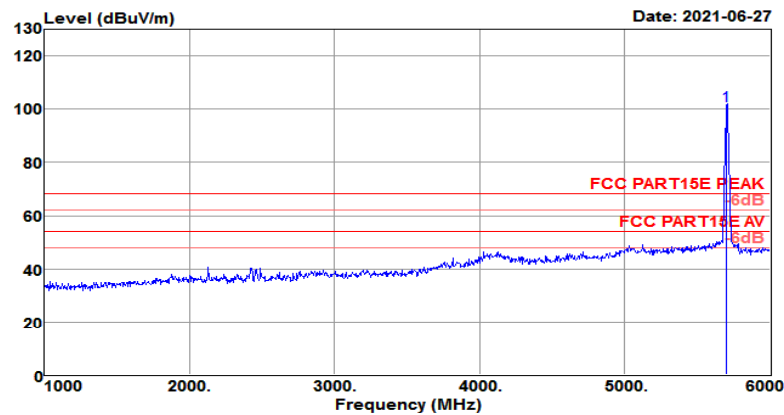
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 82



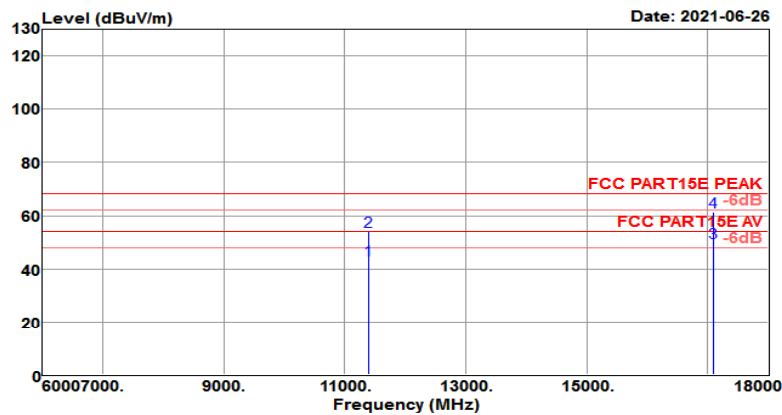
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	95.75	31.92	7.94	34.25	101.36	68.20	33.16	Peak



Test Mode :	802.11 ac VHT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 56



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	23.36	39.74	13.22	32.85	43.47	54.00	-10.53	Average
11400.000	34.16	39.74	13.22	32.85	54.27	68.20	-13.93	Peak
17100.000	20.85	40.44	18.59	30.08	49.80	54.00	-4.20	Average
17100.000	32.34	40.44	18.59	30.08	61.29	68.20	-6.91	Peak

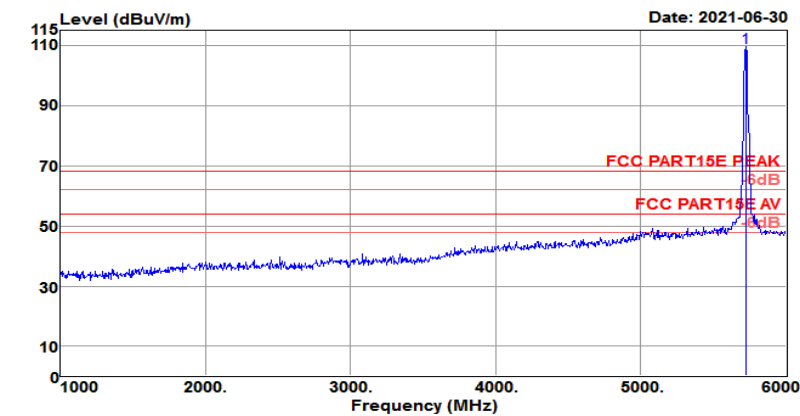
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 161



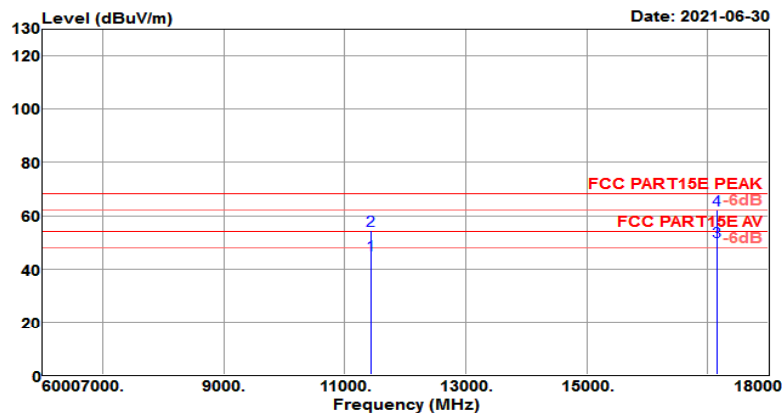
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5720.000	103.74	31.95	7.83	34.26	109.26	68.20	41.06	Peak



Test Mode :	802.11 ac VHT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH144(5720MHz) Power rating: DC 3.85V

Data: 196



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11440.000	25.26	39.72	13.28	32.88	45.38	54.00	-8.62	Average
11440.000	34.17	39.72	13.28	32.88	54.29	68.20	-13.91	Peak
17160.000	21.63	40.64	18.21	30.08	50.40	54.00	-3.60	Average
17160.000	33.50	40.64	18.21	30.08	62.27	68.20	-5.93	Peak

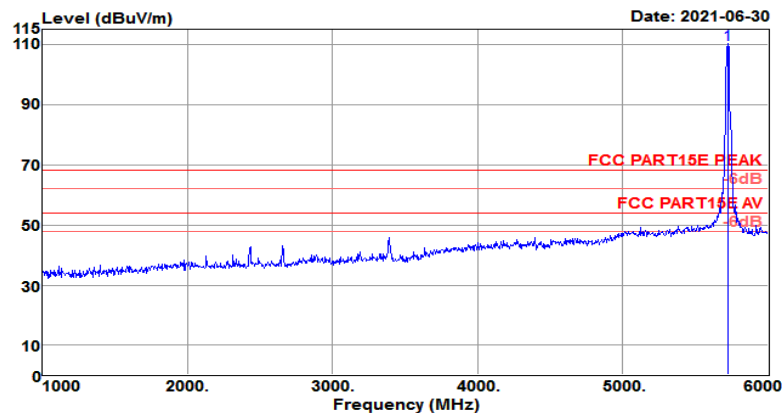
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 164



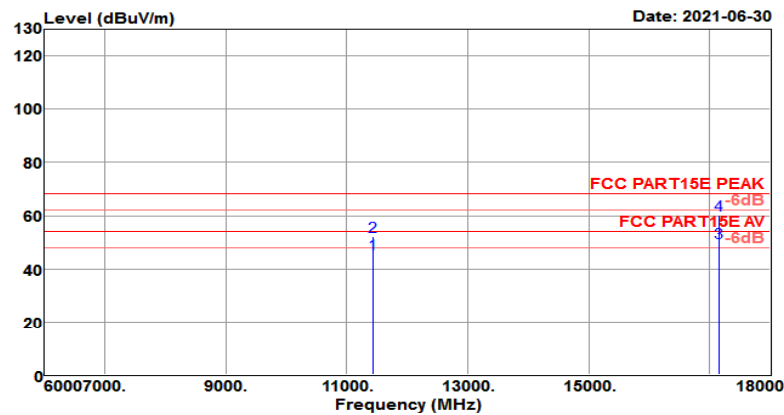
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5720.000	104.39	31.95	7.83	34.26	109.91	68.20	41.71	Peak



Test Mode :	802.11 ac VHT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH144(5720MHz) Power rating: DC 3.85V

Data: 195



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11440.000	25.43	39.72	13.28	32.88	45.55	54.00	-8.45	Average
11440.000	32.14	39.72	13.28	32.88	52.26	68.20	-15.94	Peak
17160.000	21.25	40.64	18.21	30.08	50.02	54.00	-3.98	Average
17160.000	31.53	40.64	18.21	30.08	60.30	68.20	-7.90	Peak

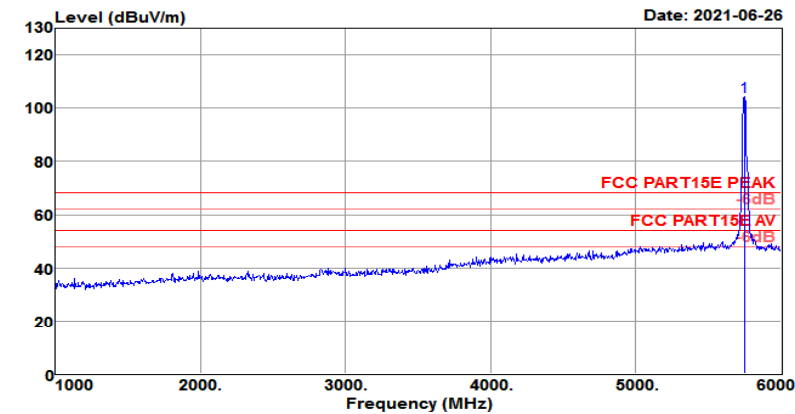
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

Data: 62



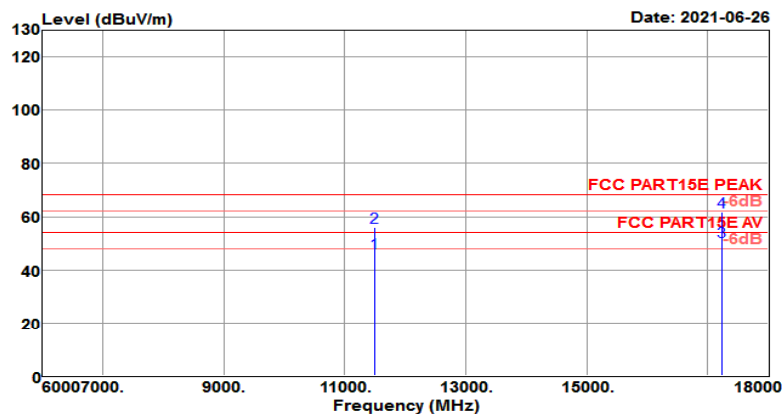
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	99.00	31.99	7.68	34.27	104.40	68.20	36.20	Peak



Test Mode :	802.11 ac VHT20 CH149 5745MHz	Temperature :	19~23°C
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

Data: 46



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	26.42	39.70	13.35	32.91	46.56	54.00	-7.44	Average
11490.000	35.81	39.70	13.35	32.91	55.95	68.20	-12.25	Peak
17235.000	21.92	40.90	17.74	30.08	50.48	54.00	-3.52	Average
17235.000	33.19	40.90	17.74	30.08	61.75	68.20	-6.45	Peak

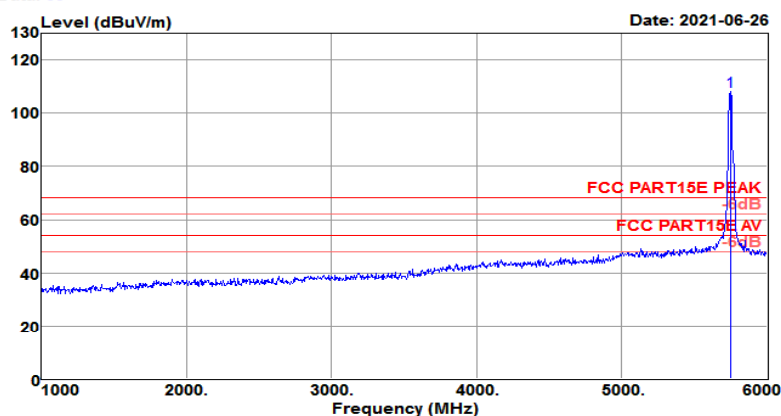
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

Data: 59



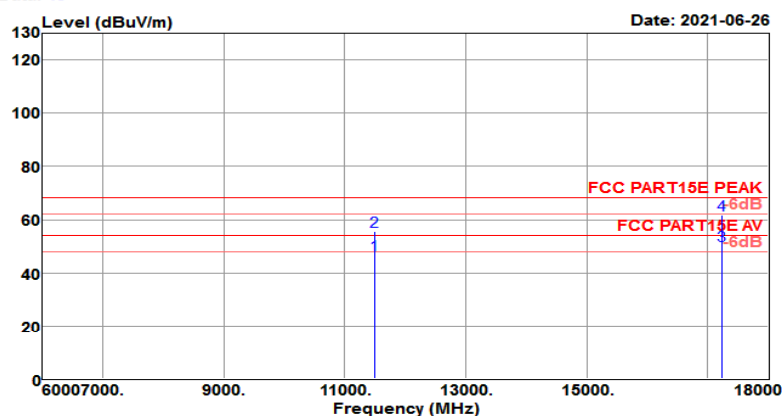
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	102.64	31.99	7.68	34.27	108.04	68.20	39.84	Peak



Test Mode :	802.11 ac VHT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

Data: 48



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	26.81	39.70	13.35	32.91	46.95	54.00	-7.05	Average
11490.000	35.51	39.70	13.35	32.91	55.65	68.20	-12.55	Peak
17235.000	21.84	40.90	17.74	30.08	50.40	54.00	-3.60	Average
17235.000	33.12	40.90	17.74	30.08	61.68	68.20	-6.52	Peak

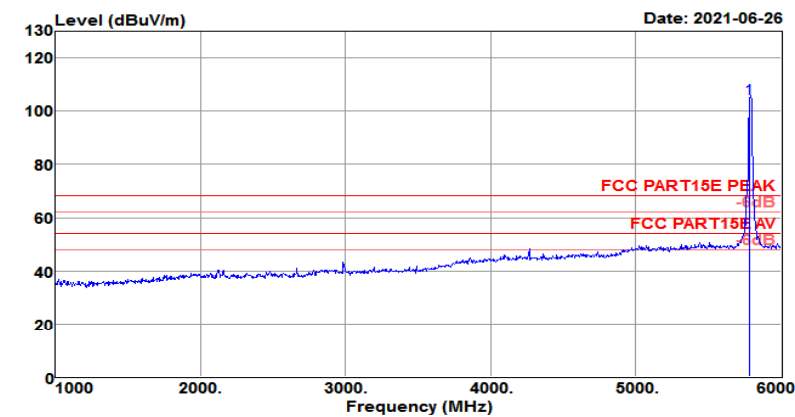
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH157(5785MHz) Power rating: DC 3.85V

Data: 63



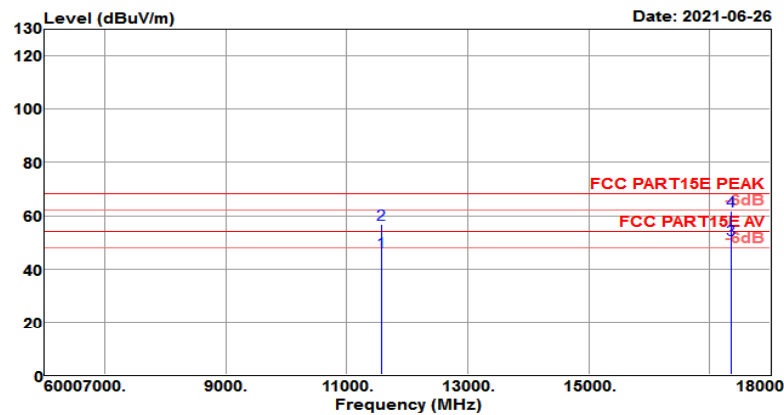
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	99.67	32.06	7.44	34.29	104.88	68.20	36.68	Peak



Test Mode :	802.11 ac VHT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH157(5785MHz) Power rating: DC 3.85V

Data: 52



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	26.24	39.56	13.55	32.98	46.37	54.00	-7.63	Average
11570.000	36.59	39.56	13.55	32.98	56.72	68.20	-11.48	Peak
17355.000	22.62	41.31	16.99	30.08	50.84	54.00	-3.16	Average
17355.000	33.58	41.31	16.99	30.08	61.80	68.20	-6.40	Peak

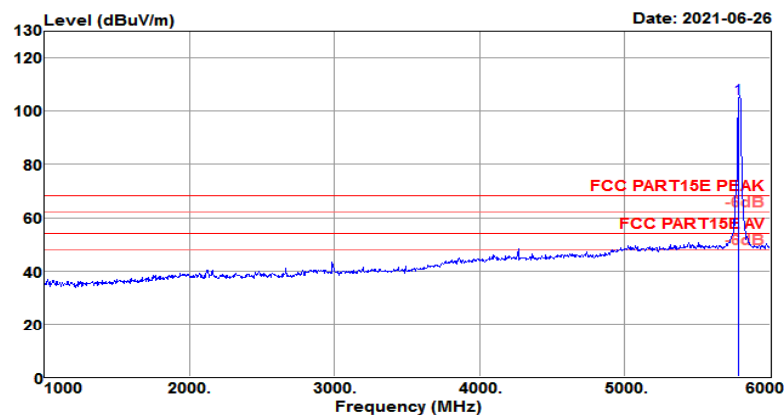
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH157(5785MHz) Power rating: DC 3.85V

Data: 63



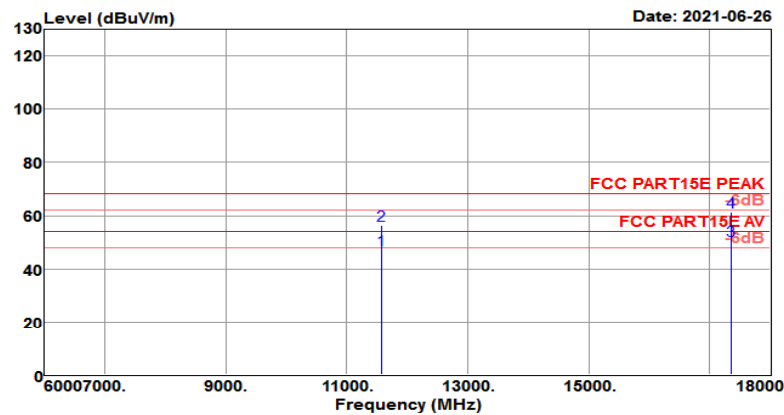
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	99.67	32.06	7.44	34.29	104.88	68.20	36.68	Peak



Test Mode :	802.11 ac VHT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH157(5785MHz) Power rating: DC 3.85V

Data: 50



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	27.18	39.56	13.55	32.98	47.31	54.00	-6.69	Average
11570.000	36.14	39.56	13.55	32.98	56.27	68.20	-11.93	Peak
17355.000	22.29	41.31	16.99	30.08	50.51	54.00	-3.49	Average
17355.000	33.28	41.31	16.99	30.08	61.50	68.20	-6.70	Peak

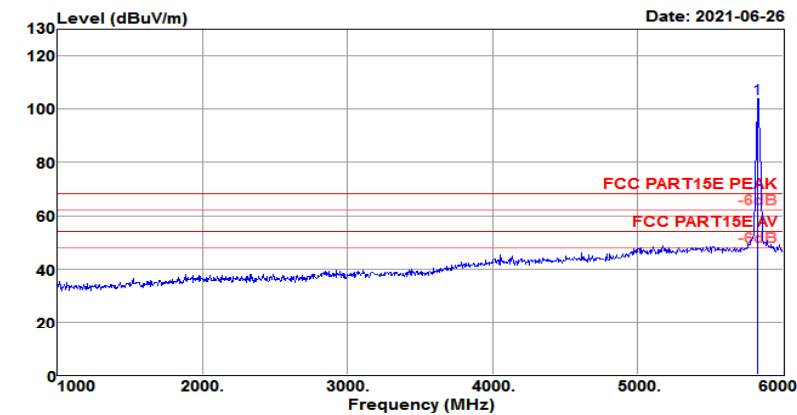
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

Data: 70



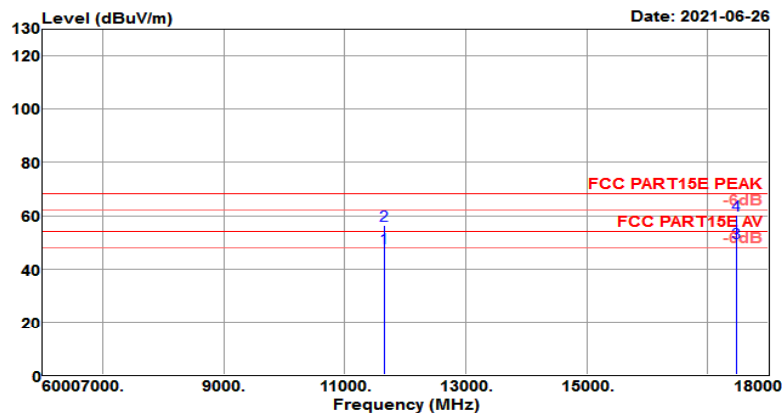
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	98.83	32.12	7.41	34.31	104.05	68.20	35.85	Peak



Test Mode :	802.11 ac VHT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

Data: 54



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	27.72	39.40	13.76	33.04	47.84	54.00	-6.16	Average
11650.000	36.43	39.40	13.76	33.04	56.55	68.20	-11.65	Peak
17475.000	21.93	41.72	16.25	30.08	49.82	54.00	-4.18	Average
17475.000	32.15	41.72	16.25	30.08	60.04	68.20	-8.16	Peak

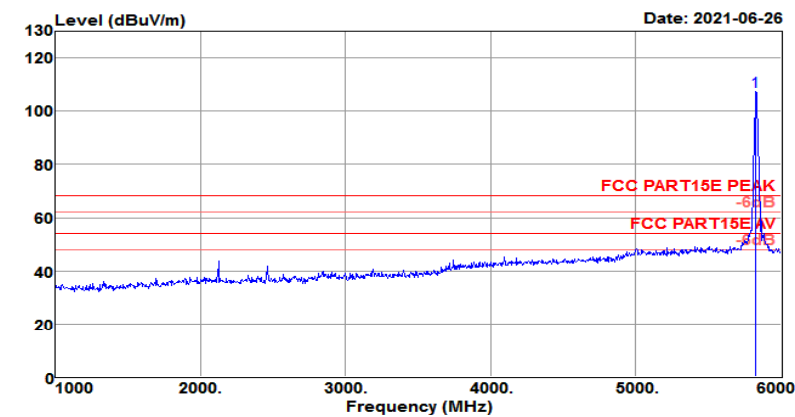
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

Data: 67



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	102.16	32.12	7.41	34.31	107.38	68.20	39.18	Peak



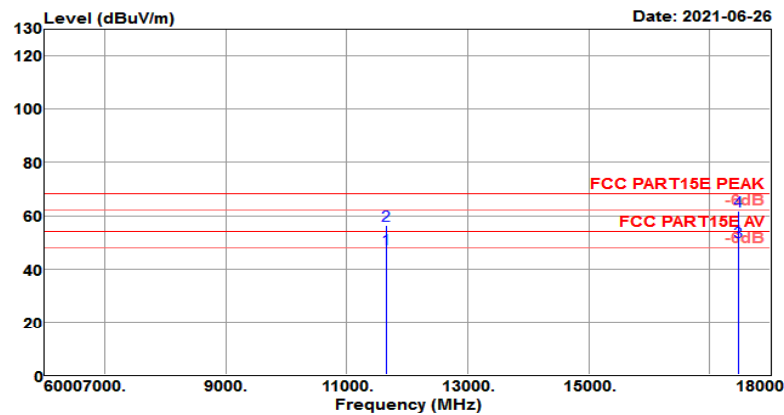
Test Mode :	802.11 ac VHT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

Data: 56



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	27.43	39.40	13.76	33.04	47.55	54.00	-6.45	Average
11650.000	36.42	39.40	13.76	33.04	56.54	68.20	-11.66	Peak
17475.000	22.37	41.72	16.25	30.08	50.26	54.00	-3.74	Average
17475.000	33.81	41.72	16.25	30.08	61.70	68.20	-6.50	Peak

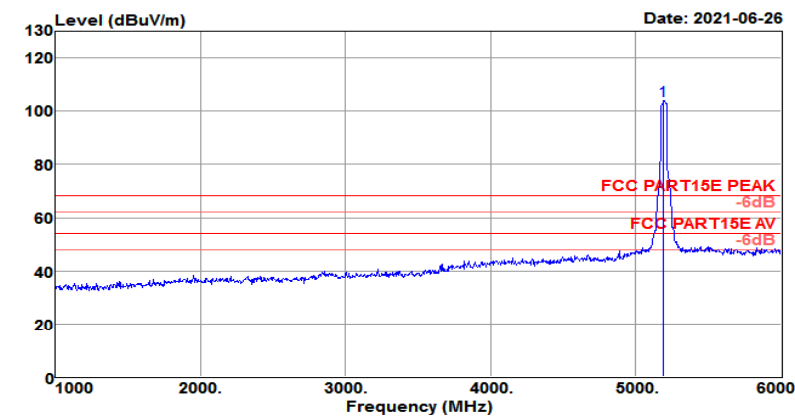
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 105

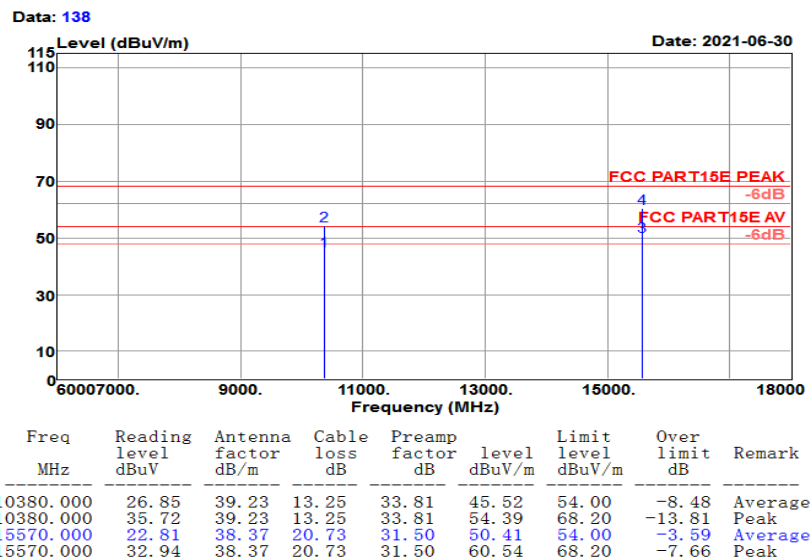


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5190.000	98.21	31.35	8.23	34.00	103.79	68.20	35.59	Peak



Test Mode :	802.11 ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V



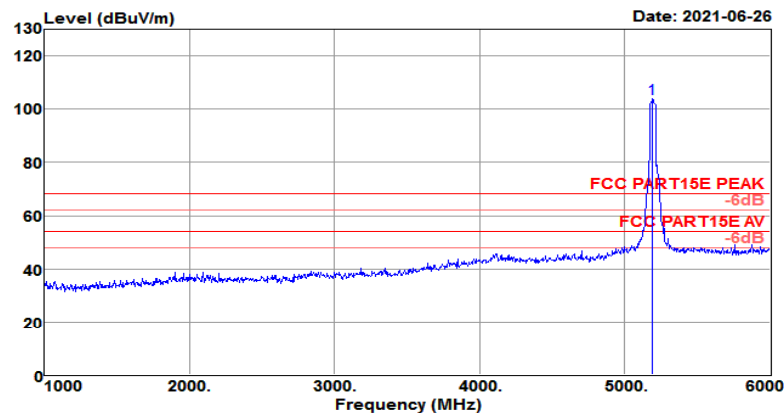
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 108



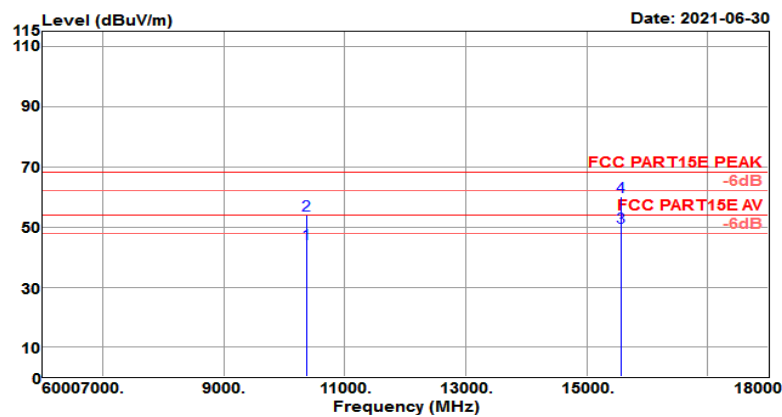
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5190.000	98.43	31.35	8.23	34.00	104.01	68.20	35.81	Peak



Test Mode :	802.11 ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 140



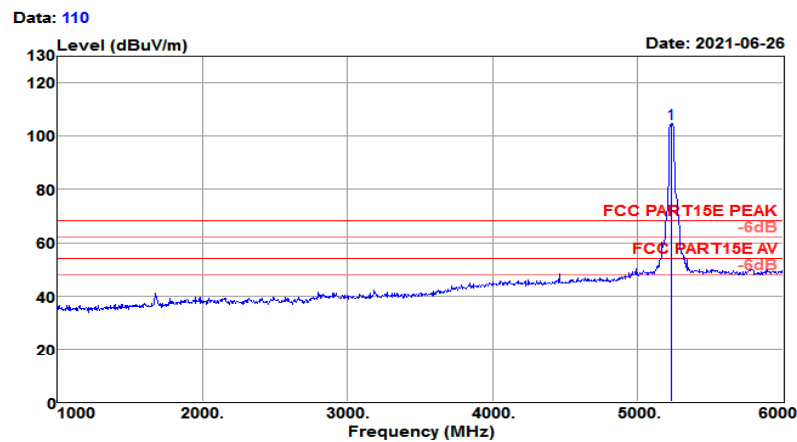
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10380.000	25.62	39.23	13.25	33.81	44.29	54.00	-9.71	Average
10380.000	35.28	39.23	13.25	33.81	53.95	68.20	-14.25	Peak
15570.000	22.15	38.37	20.73	31.50	49.75	54.00	-4.25	Average
15570.000	32.43	38.37	20.73	31.50	60.03	68.20	-8.17	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.



Test Mode :	802.11 ac VHT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH46(5230MHz) Power rating: DC 3.85V



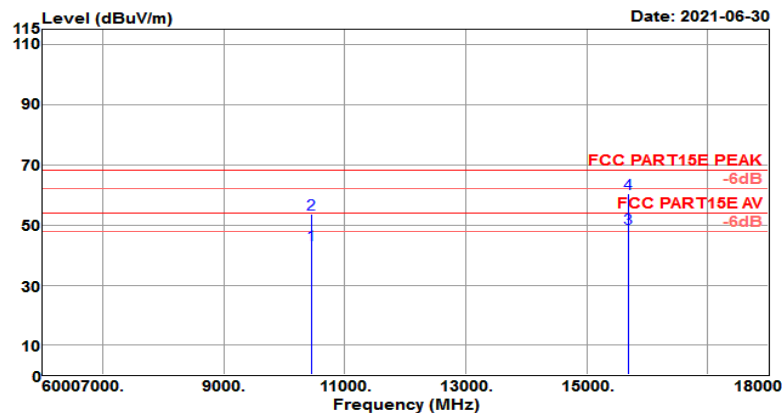
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5230.000	99.09	31.38	8.37	34.02	104.82	68.20	36.62	Peak



Test Mode :	802.11 ac VHT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH46(5230MHz) Power rating: DC 3.85V

Data: 136



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10460.000	24.52	39.34	13.31	33.70	43.47	54.00	-10.53	Average
10460.000	34.82	39.34	13.31	33.70	53.77	68.20	-14.43	Peak
15690.000	21.75	38.16	20.34	31.42	48.83	54.00	-5.17	Average
15690.000	33.46	38.16	20.34	31.42	60.54	68.20	-7.66	Peak

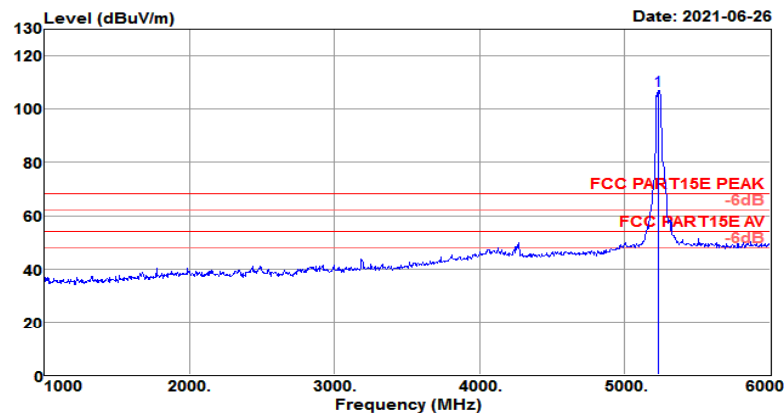
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH46(5230MHz) Power rating: DC 3.85V

Data: 109



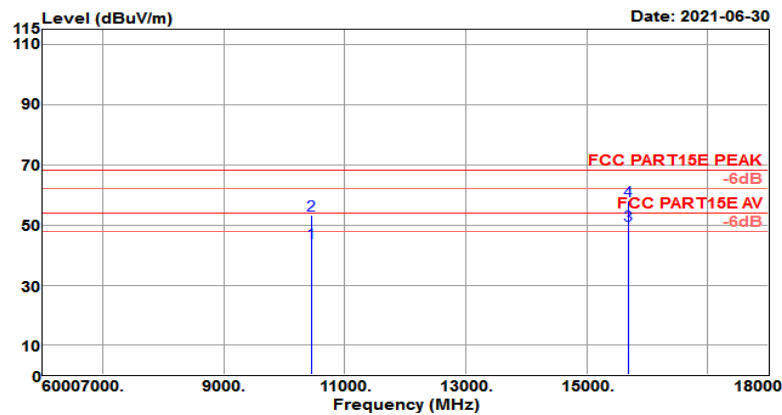
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5230.000	101.18	31.38	8.37	34.02	106.91	68.20	38.71	Peak



Test Mode :	802.11 ac VHT40 CH46 5230MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH46(5230MHz) Power rating: DC 3.85V

Data: 134



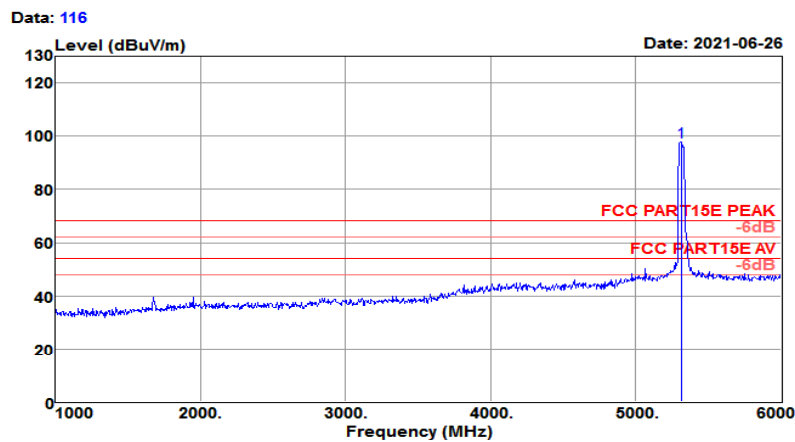
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10460.000	25.29	39.34	13.31	33.70	44.24	54.00	-9.76	Average
10460.000	34.23	39.34	13.31	33.70	53.18	68.20	-15.02	Peak
15690.000	22.83	38.16	20.34	31.42	49.91	54.00	-4.09	Average
15690.000	30.84	38.16	20.34	31.42	57.92	68.20	-10.28	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.



Test Mode :	802.11 ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V



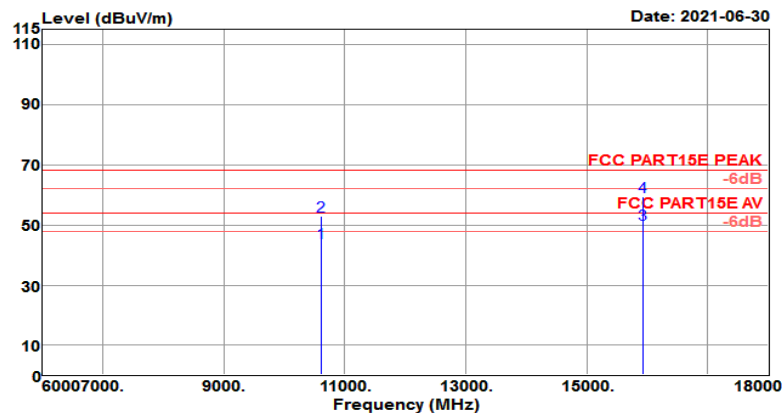
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5310.000	91.57	31.45	8.68	34.06	97.64	68.20	29.44	Peak



Test Mode :	802.11 ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 130



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10620.000	24.35	39.52	13.78	33.49	44.16	54.00	-9.84	Average
10620.000	33.25	39.52	13.78	33.49	53.06	68.20	-15.14	Peak
15930.000	24.18	37.73	19.56	31.25	50.22	54.00	-3.78	Average
15930.000	33.42	37.73	19.56	31.25	59.46	68.20	-8.74	Peak

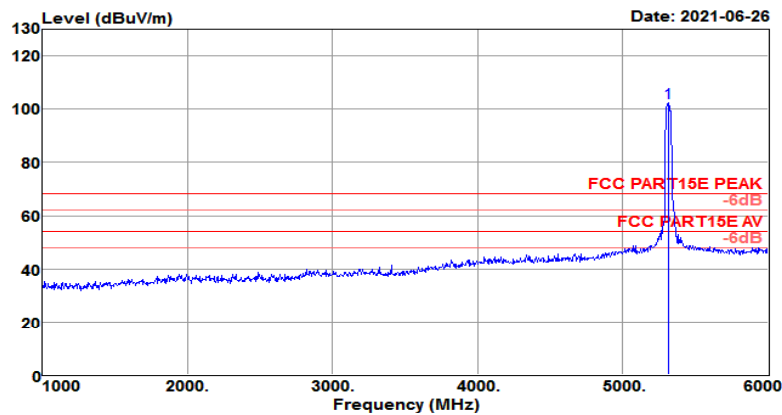
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 113



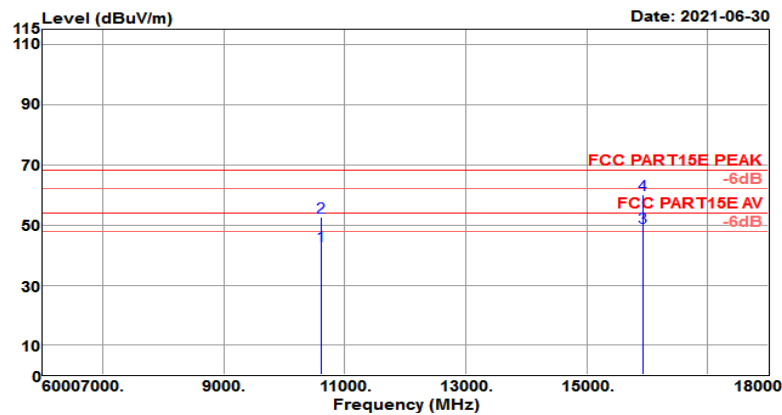
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5310.000	96.29	31.45	8.68	34.06	102.36	68.20	34.16	Peak



Test Mode :	802.11 ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 132



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10620.000	23.25	39.52	13.78	33.49	43.06	54.00	-10.94	Average
10620.000	32.85	39.52	13.78	33.49	52.66	68.20	-15.54	Peak
15930.000	23.15	37.73	19.56	31.25	49.19	54.00	-4.81	Average
15930.000	34.12	37.73	19.56	31.25	60.16	68.20	-8.04	Peak

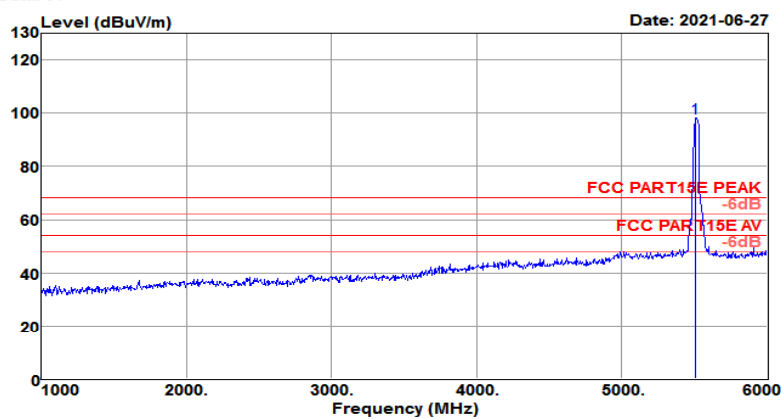
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 91



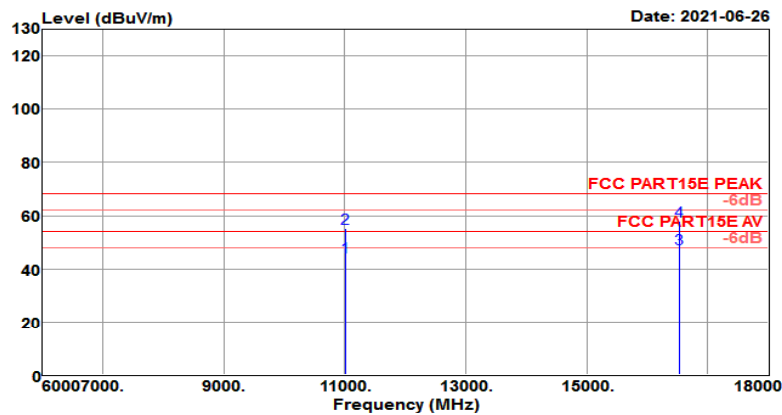
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5510.000	91.95	31.62	8.76	34.16	98.17	68.20	29.97	Peak



Test Mode :	802.11 ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 60



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.38	39.89	12.71	32.56	44.42	54.00	-9.58	Average
11020.000	35.13	39.89	12.71	32.56	55.17	68.20	-13.03	Peak
16530.000	23.57	38.69	15.83	30.50	47.59	54.00	-6.41	Average
16530.000	33.99	38.69	15.83	30.50	58.01	68.20	-10.19	Peak

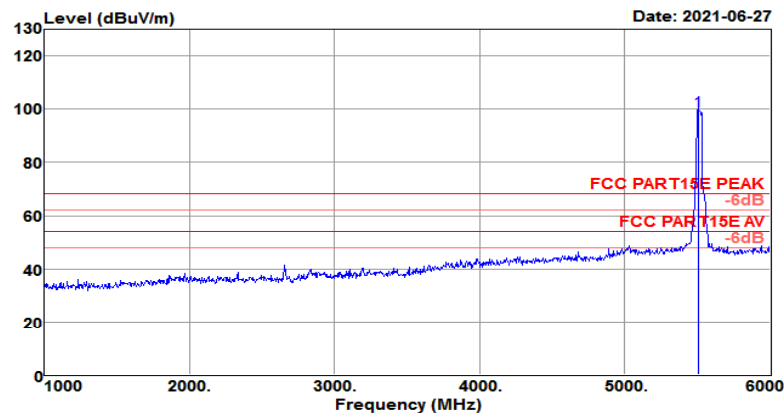
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 94



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5510.000	92.95	31.62	8.76	34.16	99.17	68.20	30.97	Peak



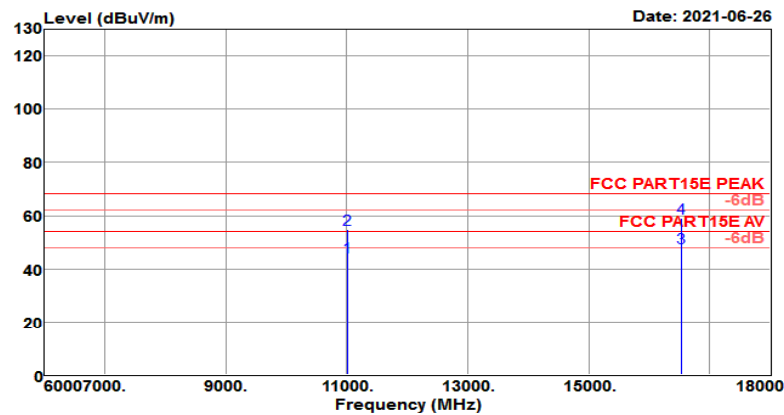
Test Mode :	802.11 ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 58



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11020.000	24.51	39.89	12.71	32.56	44.55	54.00	-9.45	Average
11020.000	34.82	39.89	12.71	32.56	54.86	68.20	-13.34	Peak
16530.000	23.82	38.69	15.83	30.50	47.84	54.00	-6.16	Average
16530.000	35.17	38.69	15.83	30.50	59.19	68.20	-9.01	Peak

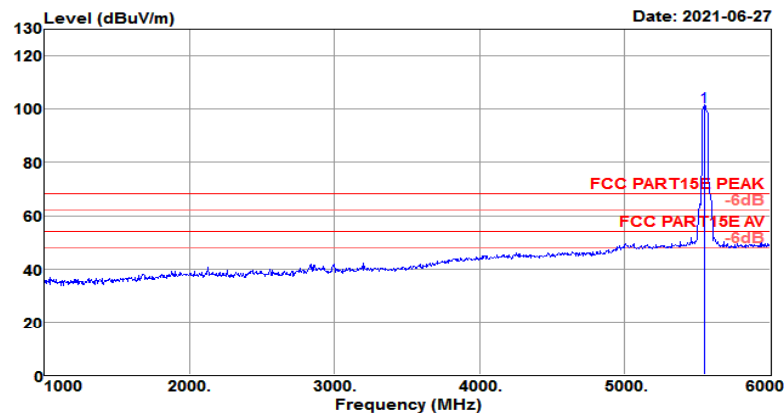
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH110(5550MHz) Power rating: DC 3.85V

Data: 96



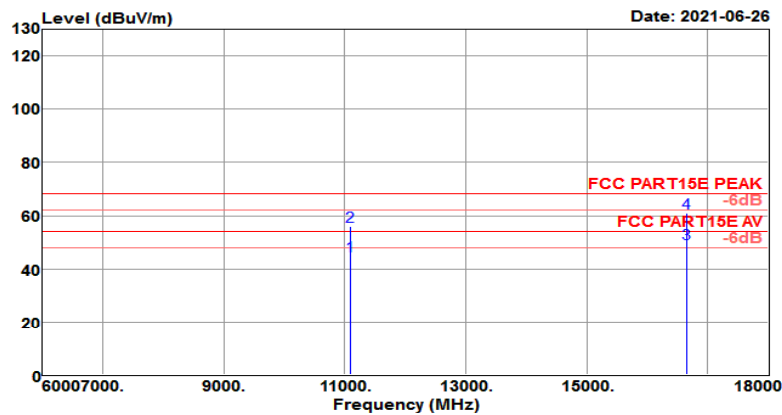
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5550.000	94.70	31.68	8.66	34.18	100.86	68.20	32.66	Peak



Test Mode :	802.11 ac VHT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH110(5550MHz) Power rating: DC 3.85V

Data: 62



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11100.000	24.82	39.86	12.82	32.62	44.88	54.00	-9.12	Average
11100.000	35.95	39.86	12.82	32.62	56.01	68.20	-12.19	Peak
16650.000	24.25	39.05	16.69	30.40	49.59	54.00	-4.41	Average
16650.000	35.83	39.05	16.69	30.40	61.17	68.20	-7.03	Peak

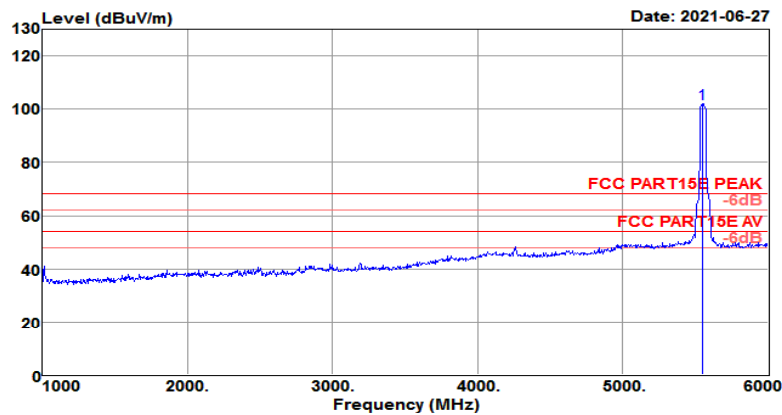
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH110(5550MHz) Power rating: DC 3.85V

Data: 95



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5550.000	95.80	31.68	8.66	34.18	101.96	68.20	33.76	Peak



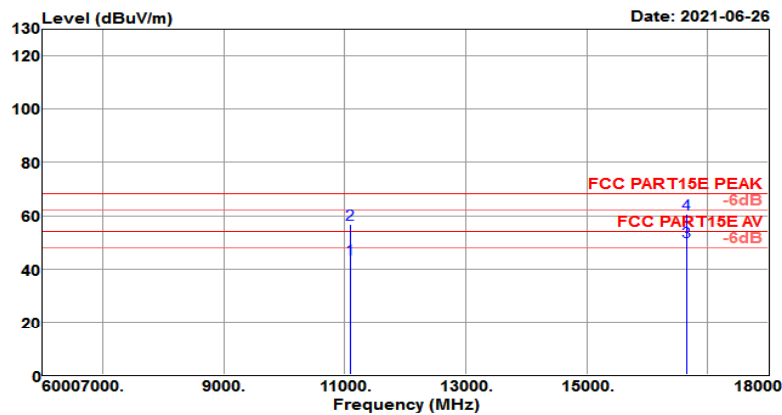
Test Mode :	802.11 ac VHT40 CH110 5550MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH110(5550MHz) Power rating: DC 3.85V

Data: 64



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11100.000	23.75	39.86	12.82	32.62	43.81	54.00	-10.19	Average
11100.000	36.83	39.86	12.82	32.62	56.89	68.20	-11.31	Peak
16650.000	24.92	39.05	16.69	30.40	50.26	54.00	-3.74	Average
16650.000	35.28	39.05	16.69	30.40	60.62	68.20	-7.58	Peak

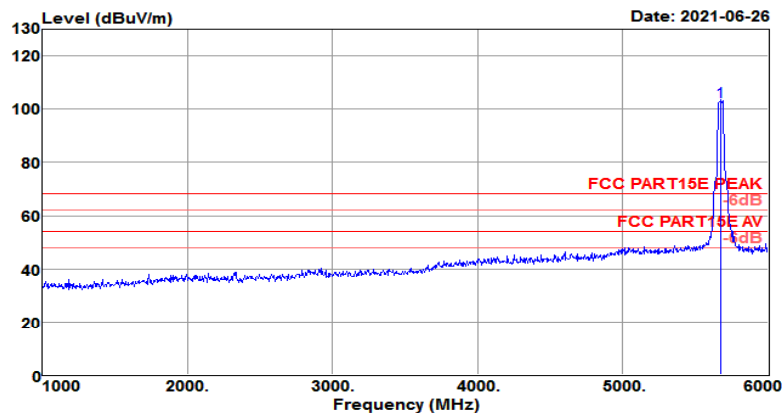
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 85



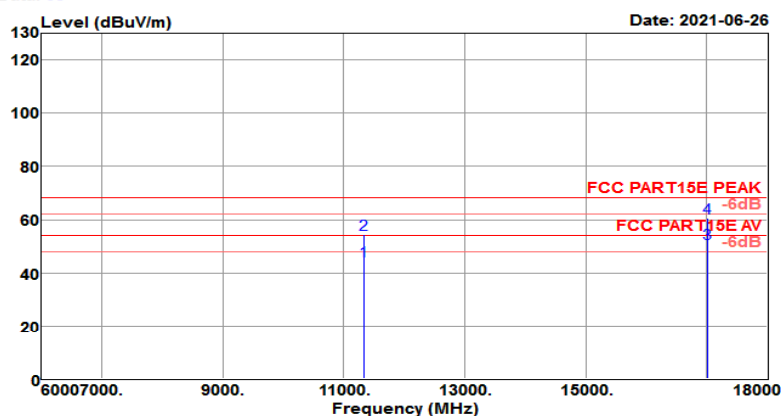
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5670.000	97.18	31.87	8.12	34.24	102.93	68.20	34.73	Peak



Test Mode :	802.11 ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 68



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11340.000	24.52	39.76	13.14	32.80	44.62	54.00	-9.38	Average
11340.000	34.52	39.76	13.14	32.80	54.62	68.20	-13.58	Peak
17010.000	21.68	40.13	19.15	30.08	50.88	54.00	-3.12	Average
17010.000	31.28	40.13	19.15	30.08	60.48	68.20	-7.72	Peak

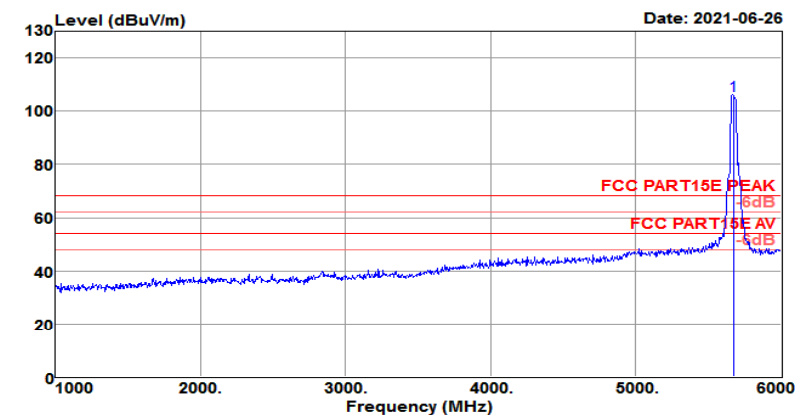
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 88



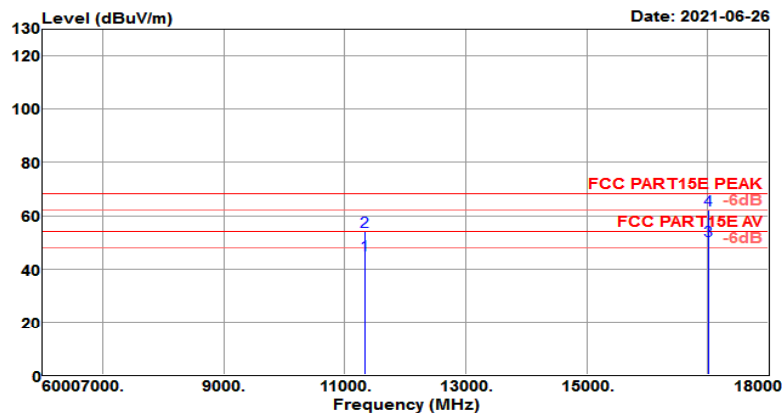
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5670.000	100.19	31.87	8.12	34.24	105.94	68.20	37.74	Peak



Test Mode :	802.11 ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 66



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11340.000	25.35	39.76	13.14	32.80	45.45	54.00	-8.55	Average
11340.000	34.15	39.76	13.14	32.80	54.25	68.20	-13.95	Peak
17010.000	21.34	40.13	19.15	30.08	50.54	54.00	-3.46	Average
17010.000	32.84	40.13	19.15	30.08	62.04	68.20	-6.16	Peak

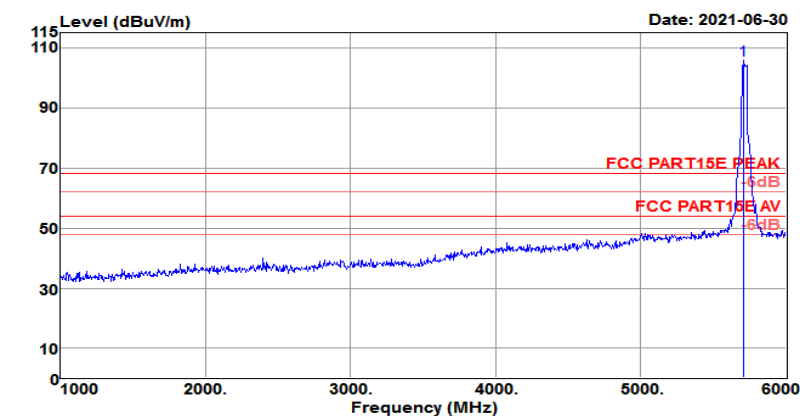
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
Tested by : Jack Pol/Phase : HORIZONTAL
Test Mode : 802.11ac VHT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 182



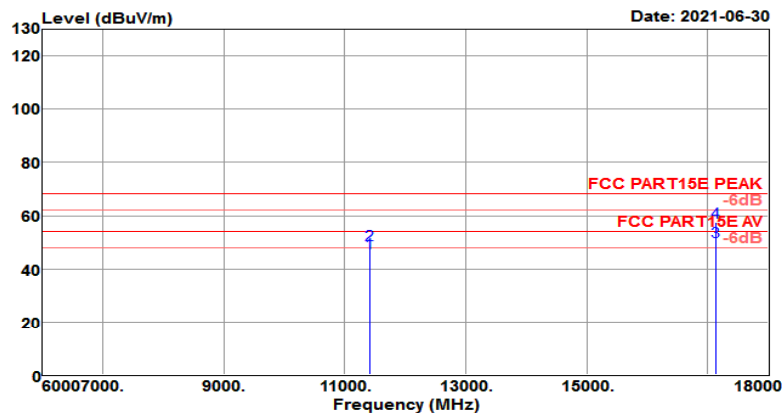
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5710.000	100.30	31.94	7.89	34.26	105.87	68.20	37.67	Peak



Test Mode :	802.11 ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH142(5710MHz) Power rating: DC 3.85V

Data: 198



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11420.000	25.75	39.73	13.25	32.86	45.87	54.00	-8.13	Average
11420.000	28.84	39.73	13.25	32.86	48.96	68.20	-19.24	Peak
17130.000	21.52	40.54	18.40	30.08	50.38	54.00	-3.62	Average
17130.000	28.49	40.54	18.40	30.08	57.35	68.20	-10.85	Peak

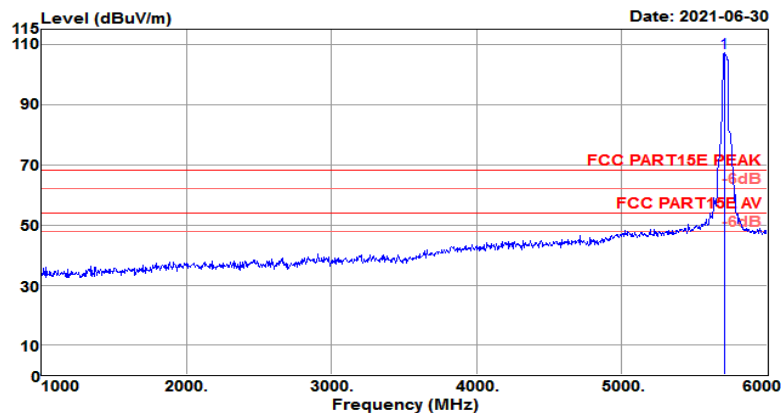
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 179



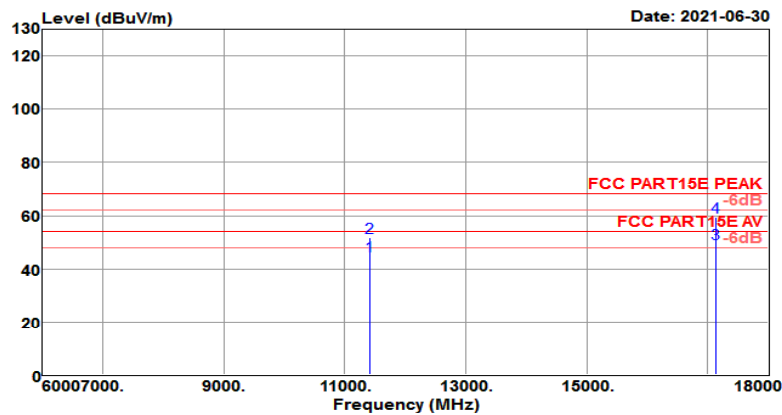
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5710.000	101.63	31.94	7.89	34.26	107.20	68.20	39.00	Peak



Test Mode :	802.11 ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH142(5710MHz) Power rating: DC 3.85V

Data: 197



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11420.000	24.65	39.73	13.25	32.86	44.77	54.00	-9.23	Average
11420.000	31.75	39.73	13.25	32.86	51.87	68.20	-16.33	Peak
17130.000	20.71	40.54	18.40	30.08	49.57	54.00	-4.43	Average
17130.000	30.53	40.54	18.40	30.08	59.39	68.20	-8.81	Peak

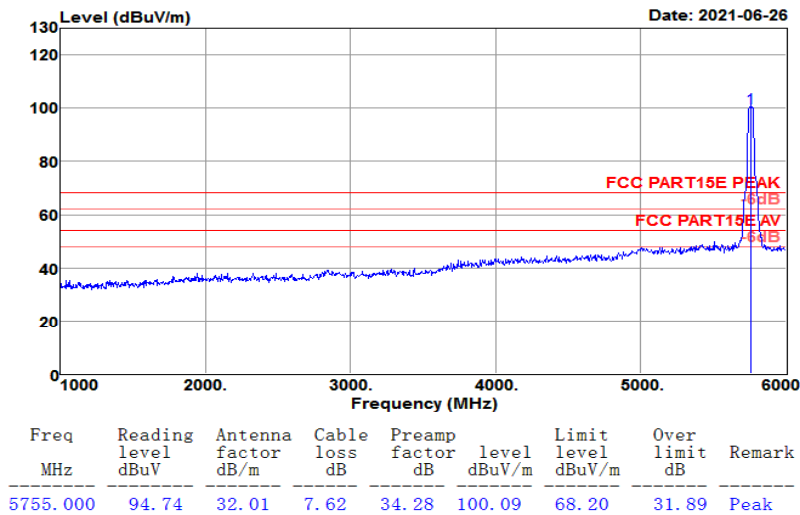
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V

Data: 73



Test Mode :	802.11 ac VHT40 CH151 5755MHz	Temperature :	19~23℃
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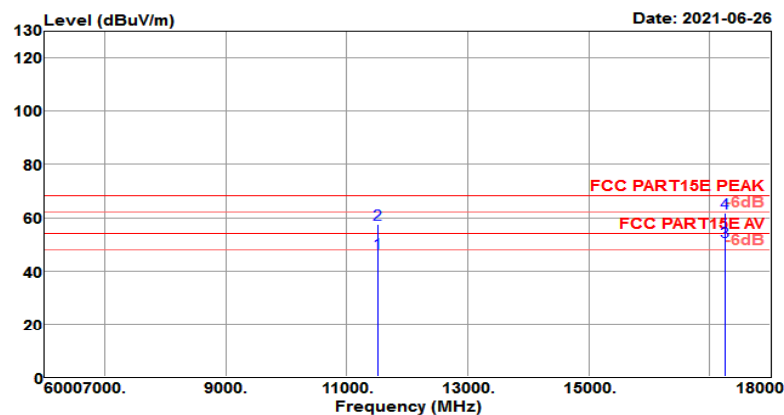
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V

Data: 38



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11510.000	26.52	39.68	13.39	32.93	46.66	54.00	-7.34	Average
11510.000	37.43	39.68	13.39	32.93	57.57	68.20	-10.63	Peak
17265.000	22.38	41.00	17.56	30.08	50.86	54.00	-3.14	Average
17265.000	33.18	41.00	17.56	30.08	61.66	68.20	-6.54	Peak

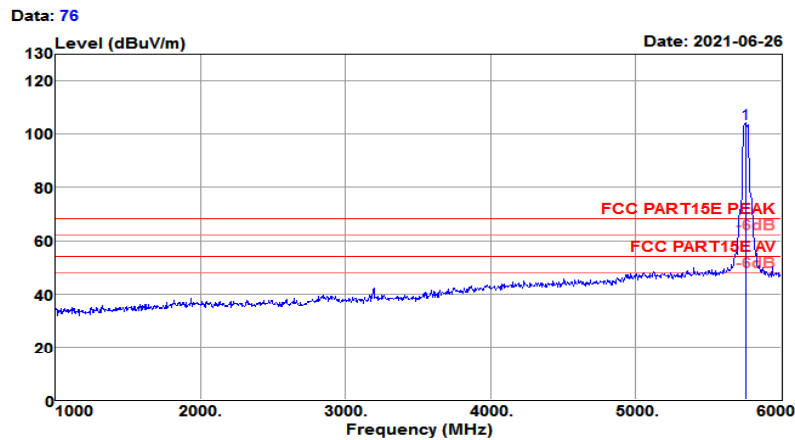
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Test Mode :	802.11 ac VHT40 CH151 5755MHz	Temperature :	19~23°C
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Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



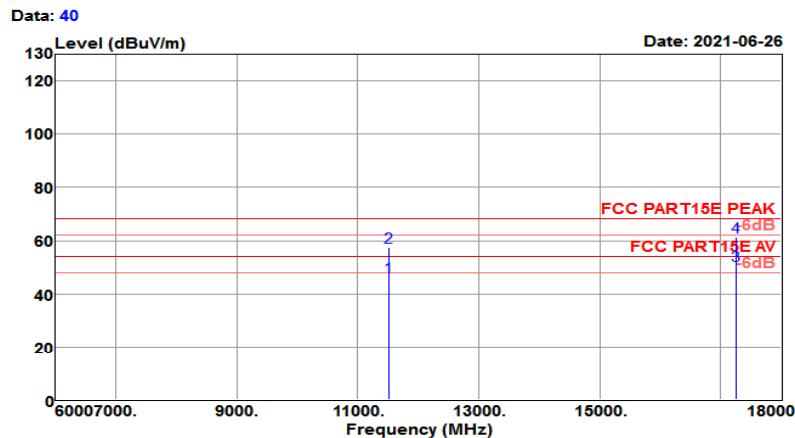
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5755.000	98.60	32.01	7.62	34.28	103.95	68.20	35.75	Peak

Test Mode :	802.11 ac VHT40 CH151 5755MHz	Temperature :	19~23℃
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Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11510.000	26.42	39.68	13.39	32.93	46.56	54.00	-7.44	Average
11510.000	37.52	39.68	13.39	32.93	57.66	68.20	-10.54	Peak
17265.000	22.15	41.00	17.56	30.08	50.63	54.00	-3.37	Average
17265.000	32.81	41.00	17.56	30.08	61.29	68.20	-6.91	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.

Test Mode :	802.11 ac VHT40 CH159 5795MHz	Temperature :	19~23°C
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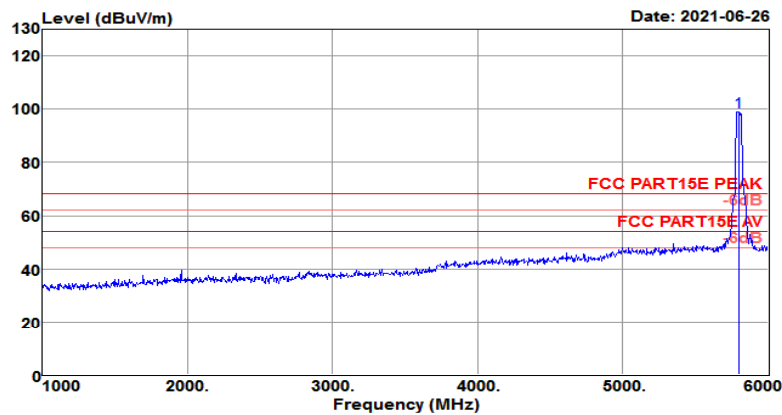
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

Data: 82



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5795.000	93.73	32.07	7.38	34.30	98.88	68.20	30.68	Peak

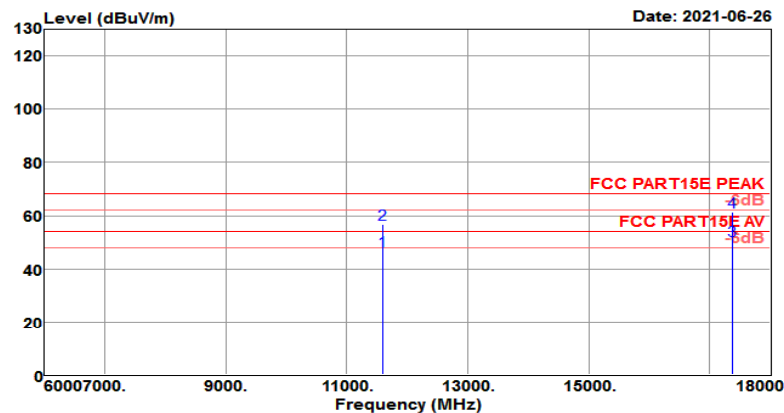
Test Mode :	802.11 ac VHT40 CH159 5795MHz	Temperature :	19~23℃
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Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

Data: 44



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11590.000	26.62	39.52	13.60	32.99	46.75	54.00	-7.25	Average
11590.000	36.51	39.52	13.60	32.99	56.64	68.20	-11.56	Peak
17385.000	22.51	41.41	16.81	30.08	50.65	54.00	-3.35	Average
17385.000	33.18	41.41	16.81	30.08	61.32	68.20	-6.88	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.

Test Mode :	802.11 ac VHT40 CH159 5795MHz	Temperature :	19~23°C
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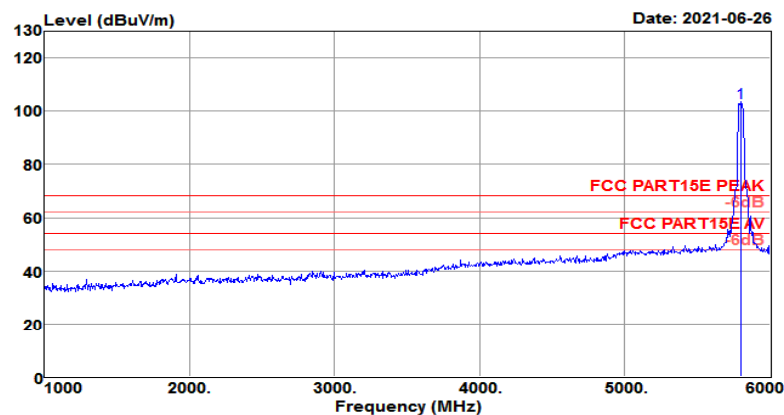
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

Data: 79



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5795.000	98.16	32.07	7.38	34.30	103.31	68.20	35.11	Peak

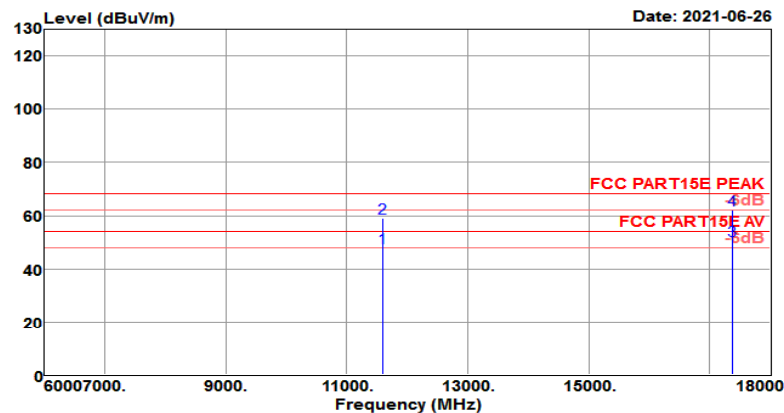
Test Mode :	802.11 ac VHT40 CH159 5795MHz	Temperature :	19~23℃
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Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

Data: 42



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11590.000	27.82	39.52	13.60	32.99	47.95	54.00	-6.05	Average
11590.000	39.13	39.52	13.60	32.99	59.26	68.20	-8.94	Peak
17385.000	22.45	41.41	16.81	30.08	50.59	54.00	-3.41	Average
17385.000	33.92	41.41	16.81	30.08	62.06	68.20	-6.14	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.

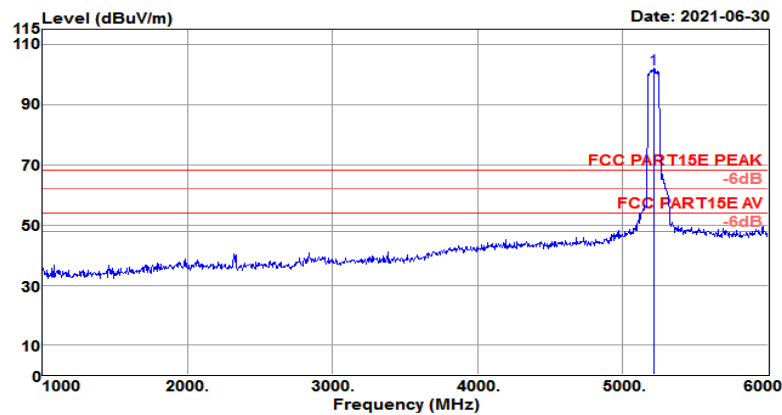
Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	19~23°C
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Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 122



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5210.000	96.02	31.37	8.29	34.01	101.67	68.20	33.47	Peak

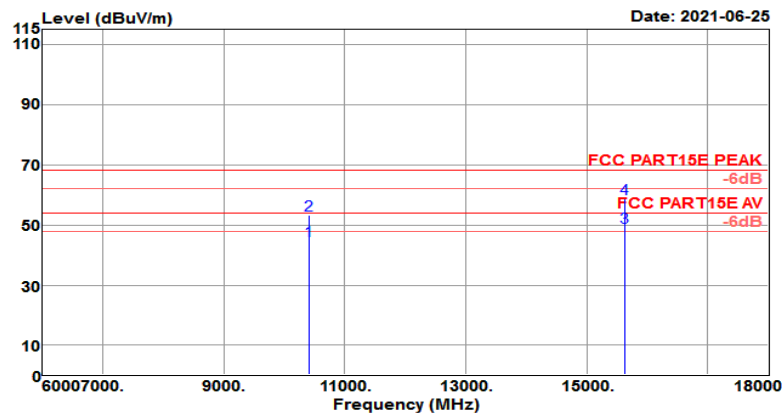
Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	19~23℃
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Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 78



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10420.000	25.81	39.29	13.28	33.75	44.63	54.00	-9.37	Average
10420.000	34.52	39.29	13.28	33.75	53.34	68.20	-14.86	Peak
15630.000	21.91	38.27	20.54	31.46	49.26	54.00	-4.74	Average
15630.000	31.51	38.27	20.54	31.46	58.86	68.20	-9.34	Peak

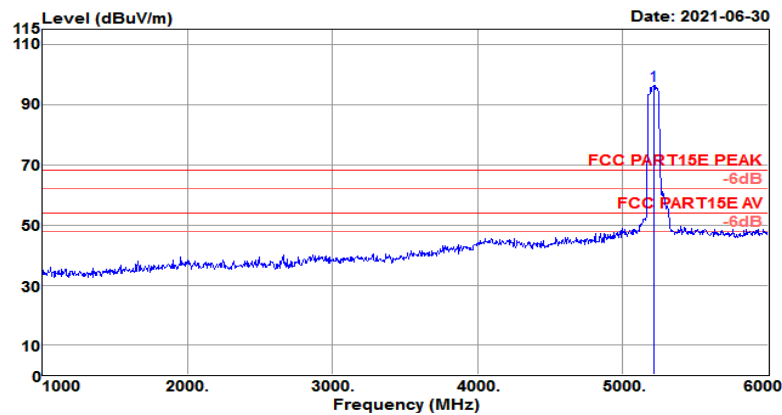
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 119



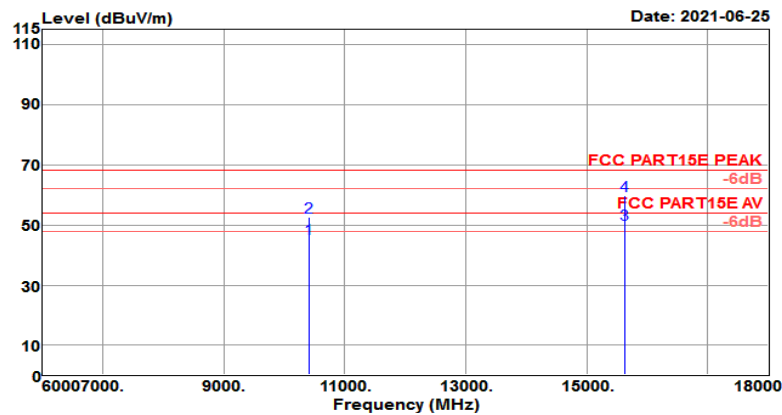
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5210.000	90.57	31.37	8.29	34.01	96.22	68.20	28.02	Peak



Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 76



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10420.000	26.57	39.29	13.28	33.75	45.39	54.00	-8.61	Average
10420.000	33.91	39.29	13.28	33.75	52.73	68.20	-15.47	Peak
15630.000	22.74	38.27	20.54	31.46	50.09	54.00	-3.91	Average
15630.000	32.34	38.27	20.54	31.46	59.69	68.20	-8.51	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.



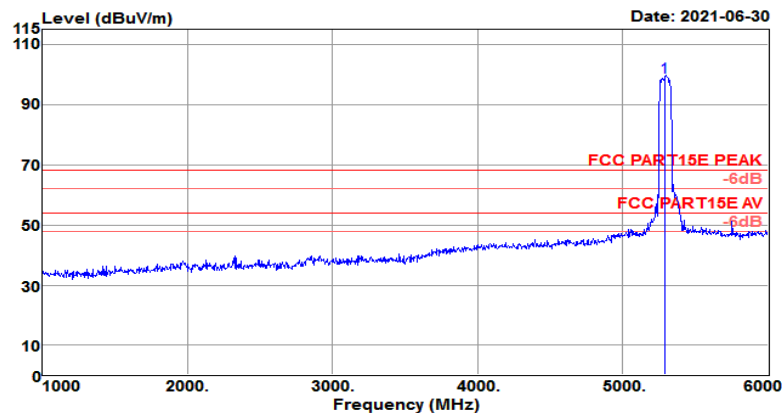
Test Mode :	802.11 ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 125



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5290.000	92.93	31.43	8.60	34.05	98.91	68.20	30.71	Peak



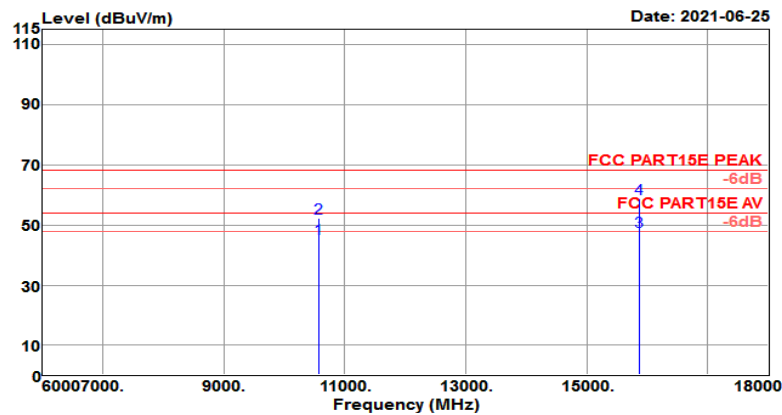
Test Mode :	802.11 ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 80



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10580.000	25.81	39.48	13.64	33.55	45.38	54.00	-8.62	Average
10580.000	32.53	39.48	13.64	33.55	52.10	68.20	-16.10	Peak
15870.000	21.53	37.83	19.75	31.29	47.82	54.00	-6.18	Average
15870.000	32.39	37.83	19.75	31.29	58.68	68.20	-9.52	Peak

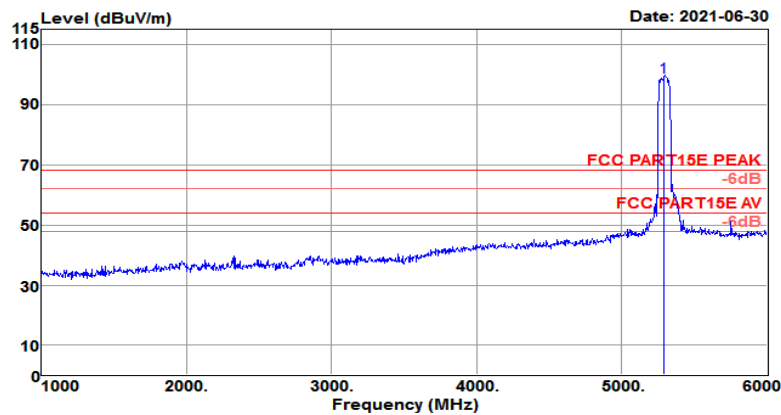
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 125



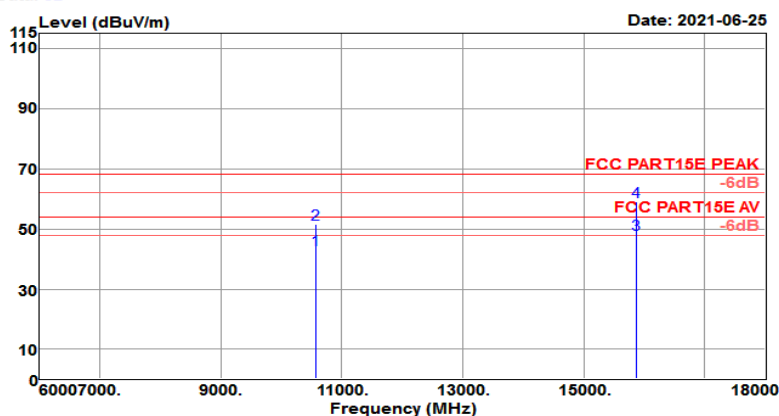
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5290.000	92.93	31.43	8.60	34.05	98.91	68.20	30.71	Peak



Test Mode :	802.11 ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 82



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10580.000	23.58	39.48	13.64	33.55	43.15	54.00	-10.85	Average
10580.000	31.85	39.48	13.64	33.55	51.42	68.20	-16.78	Peak
15870.000	21.93	37.83	19.75	31.29	48.22	54.00	-5.78	Average
15870.000	32.59	37.83	19.75	31.29	58.88	68.20	-9.32	Peak

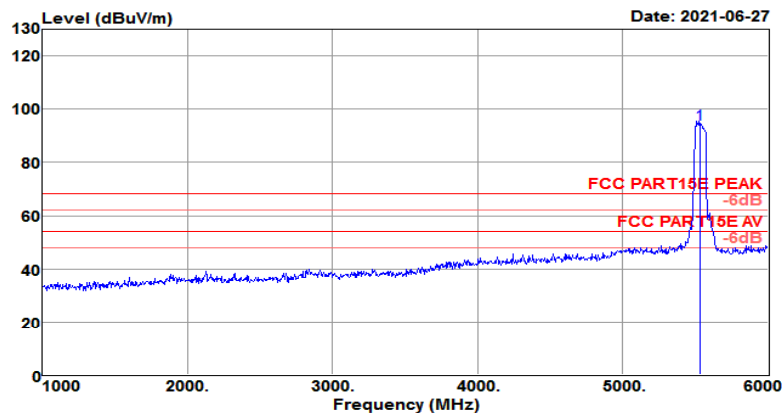
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 116



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5530.000	88.09	31.65	8.71	34.17	94.28	68.20	26.08	Peak



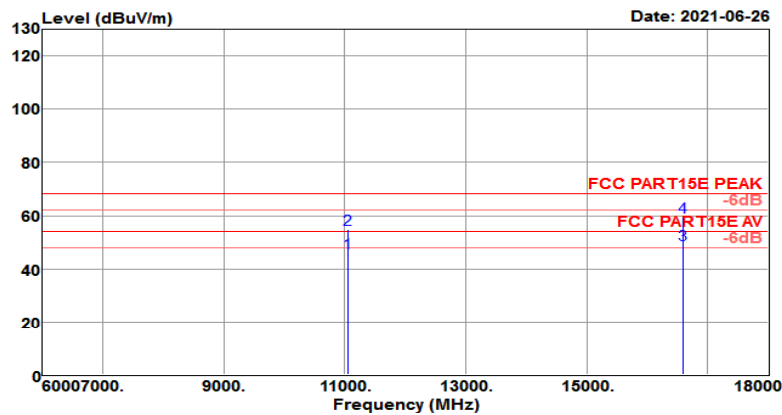
Test Mode :	802.11 ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 38



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11060.000	25.84	39.88	12.76	32.59	45.89	54.00	-8.11	Average
11060.000	34.92	39.88	12.76	32.59	54.97	68.20	-13.23	Peak
16590.000	24.25	38.87	16.26	30.45	48.93	54.00	-5.07	Average
16590.000	34.83	38.87	16.26	30.45	59.51	68.20	-8.69	Peak

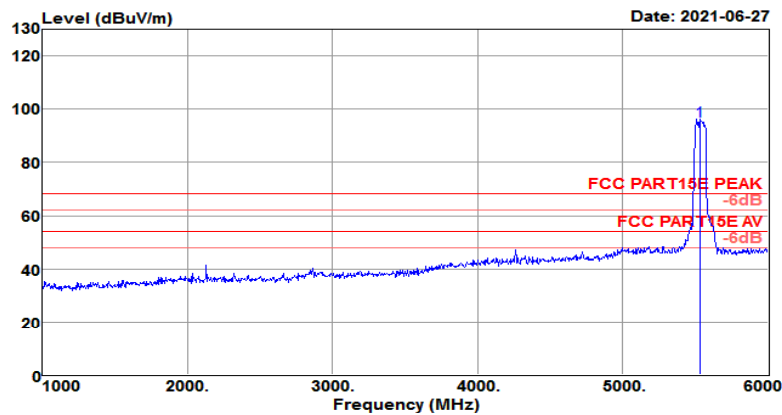
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 113



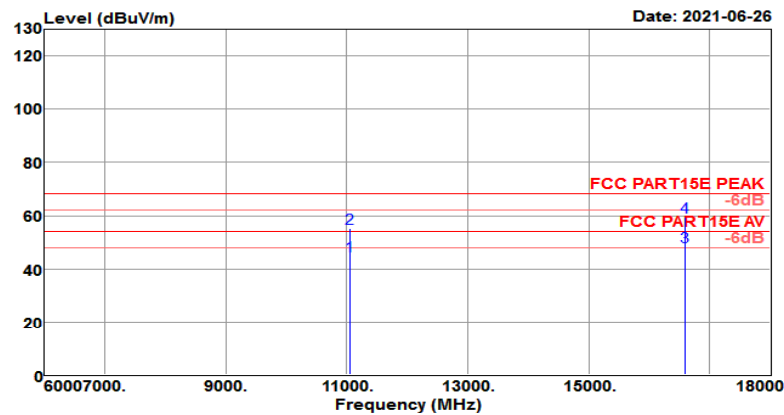
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5530.000	89.35	31.65	8.71	34.17	95.54	68.20	27.34	Peak



Test Mode :	802.11 ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 40



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11060.000	24.83	39.88	12.76	32.59	44.88	54.00	-9.12	Average
11060.000	35.25	39.88	12.76	32.59	55.30	68.20	-12.90	Peak
16590.000	23.84	38.87	16.26	30.45	48.52	54.00	-5.48	Average
16590.000	34.59	38.87	16.26	30.45	59.27	68.20	-8.93	Peak

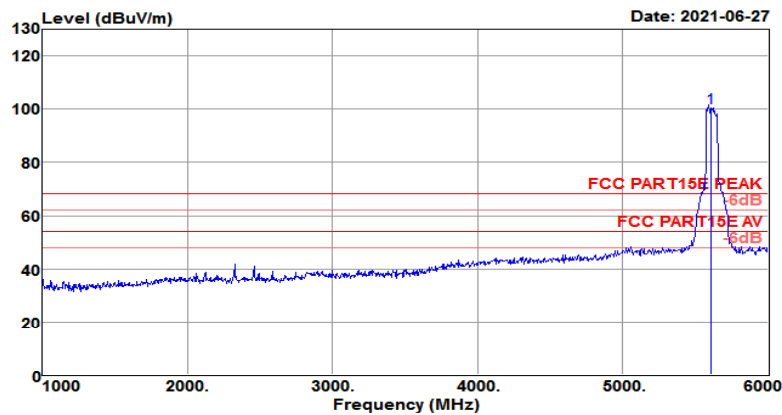
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 119



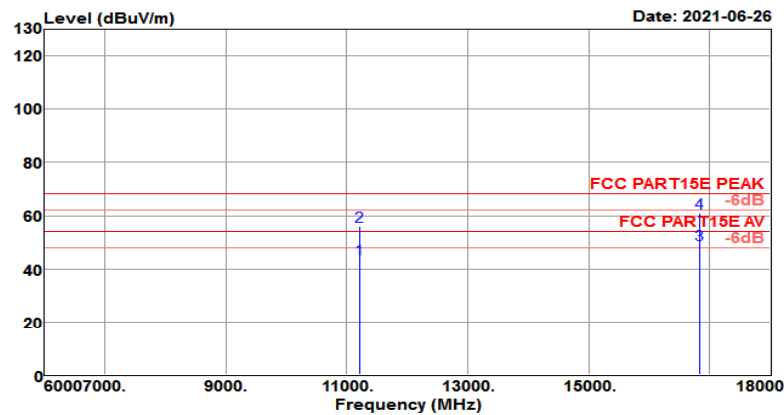
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5610.000	94.31	31.78	8.48	34.21	100.36	68.20	32.16	Peak



Test Mode :	802.11 ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 44



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11220.000	23.51	39.81	12.98	32.71	43.59	54.00	-10.41	Average
11220.000	35.85	39.81	12.98	32.71	55.93	68.20	-12.27	Peak
16830.000	21.92	39.59	17.99	30.23	49.27	54.00	-4.73	Average
16830.000	33.64	39.59	17.99	30.23	60.99	68.20	-7.21	Peak

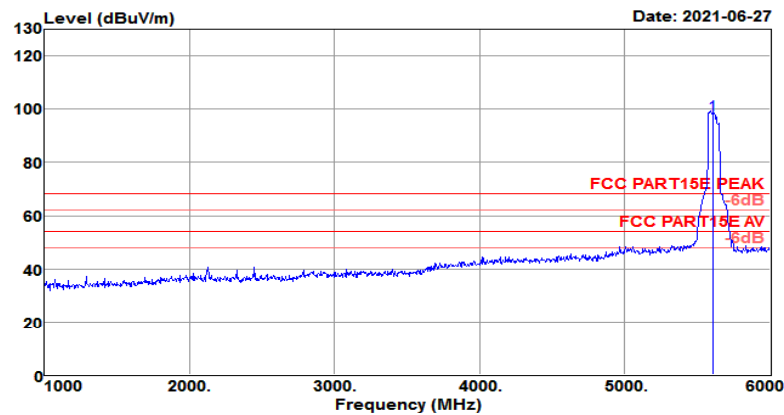
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 122



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5610.000	91.83	31.78	8.48	34.21	97.88	68.20	29.68	Peak



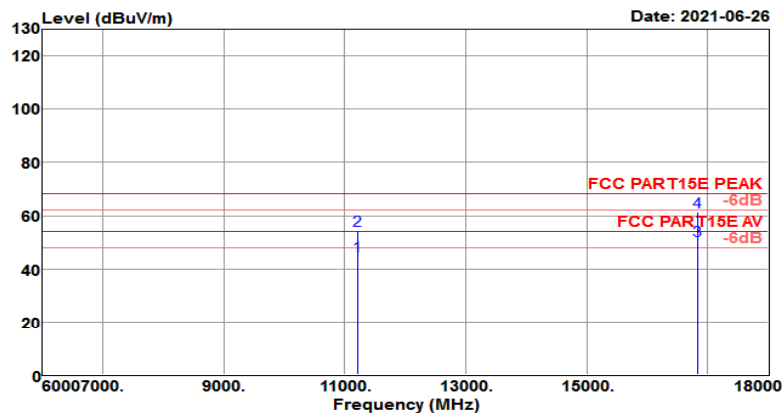
Test Mode :	802.11 ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 42



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11220.000	24.92	39.81	12.98	32.71	45.00	54.00	-9.00	Average
11220.000	34.20	39.81	12.98	32.71	54.28	68.20	-13.92	Peak
16830.000	23.47	39.59	17.99	30.23	50.82	54.00	-3.18	Average
16830.000	33.90	39.59	17.99	30.23	61.25	68.20	-6.95	Peak

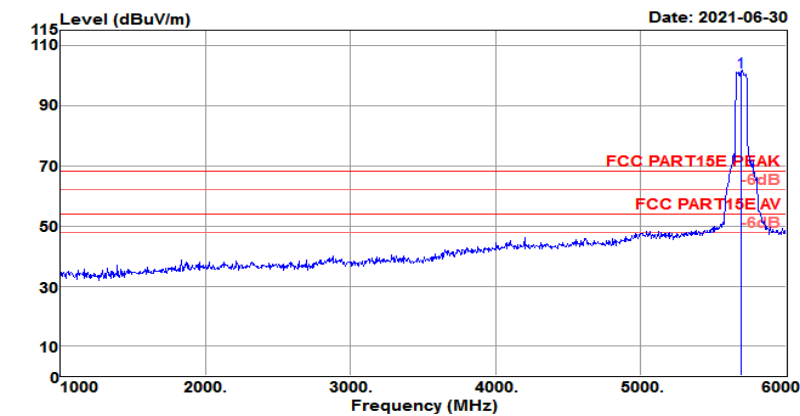
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 185



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5690.000	95.47	31.90	8.00	34.25	101.12	68.20	32.92	Peak



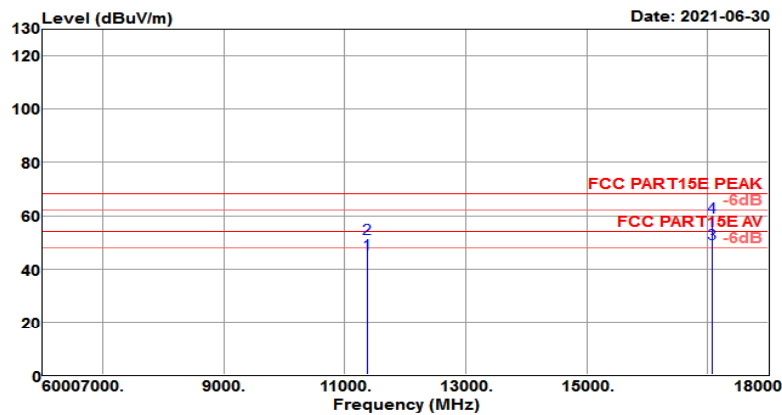
Test Mode :	802.11 ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 21℃/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 200



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11380.000	25.47	39.75	13.20	32.83	45.59	54.00	-8.41	Average
11380.000	31.34	39.75	13.20	32.83	51.46	68.20	-16.74	Peak
17070.000	20.58	40.34	18.77	30.08	49.61	54.00	-4.39	Average
17070.000	30.28	40.34	18.77	30.08	59.31	68.20	-8.89	Peak

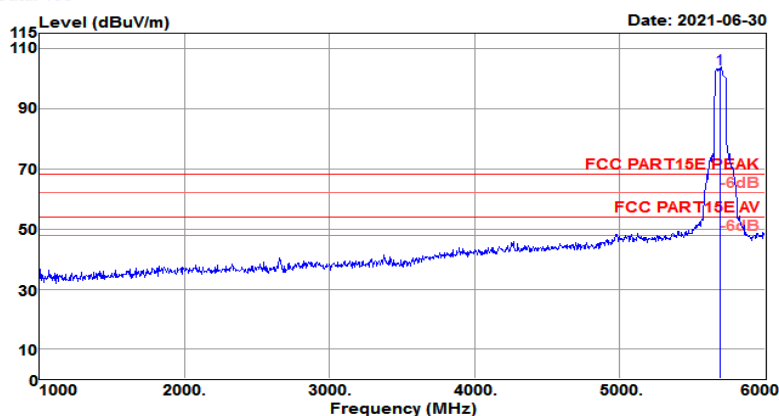
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 188



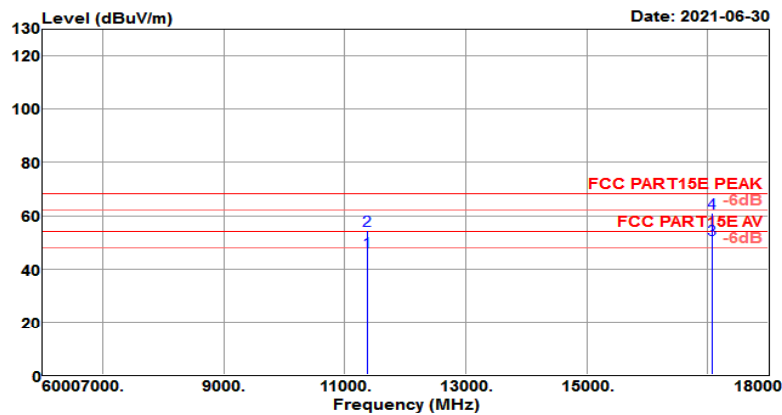
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5690.000	97.40	31.90	8.00	34.25	103.05	68.20	34.85	Peak



Test Mode :	802.11 ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 199



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11380.000	26.25	39.75	13.20	32.83	46.37	54.00	-7.63	Average
11380.000	34.34	39.75	13.20	32.83	54.46	68.20	-13.74	Peak
17070.000	21.83	40.34	18.77	30.08	50.86	54.00	-3.14	Average
17070.000	32.14	40.34	18.77	30.08	61.17	68.20	-7.03	Peak

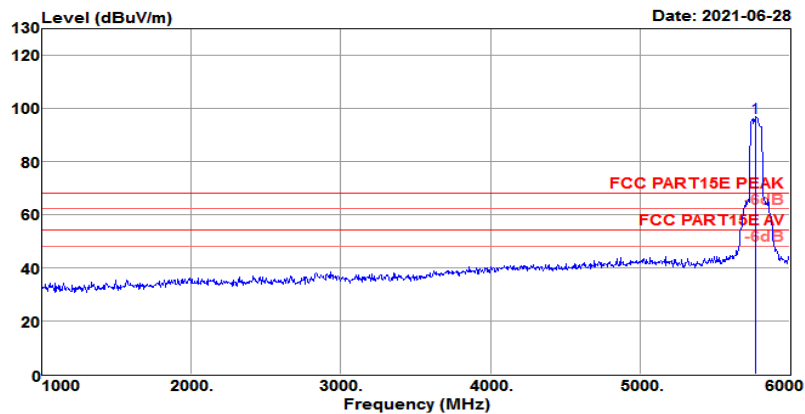
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

Data: 125



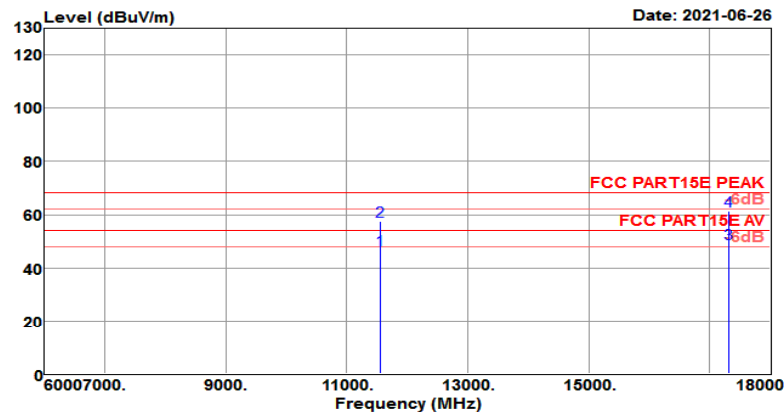
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5775.000	93.01	32.04	6.08	96.84	68.20	28.64	Peak



Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V

Data: 3



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11550.000	26.85	39.60	13.49	32.96	46.98	54.00	-7.02	Average
11550.000	37.58	39.60	13.49	32.96	57.71	68.20	-10.49	Peak
17325.000	20.82	41.20	17.18	30.08	49.12	54.00	-4.88	Average
17325.000	33.19	41.20	17.18	30.08	61.49	68.20	-6.71	Peak

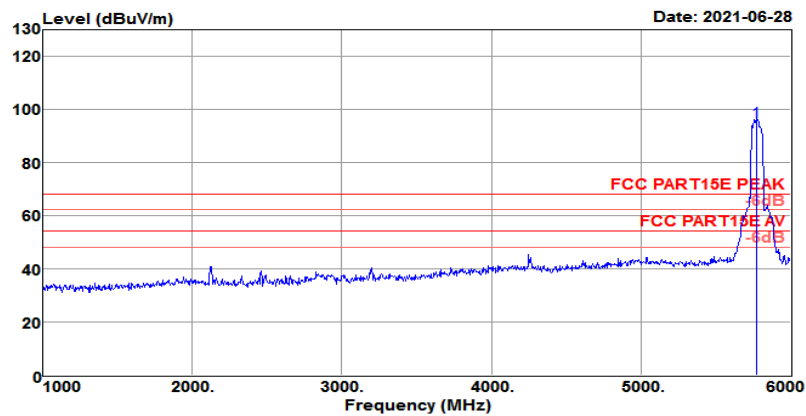
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating:	DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

Data: 128



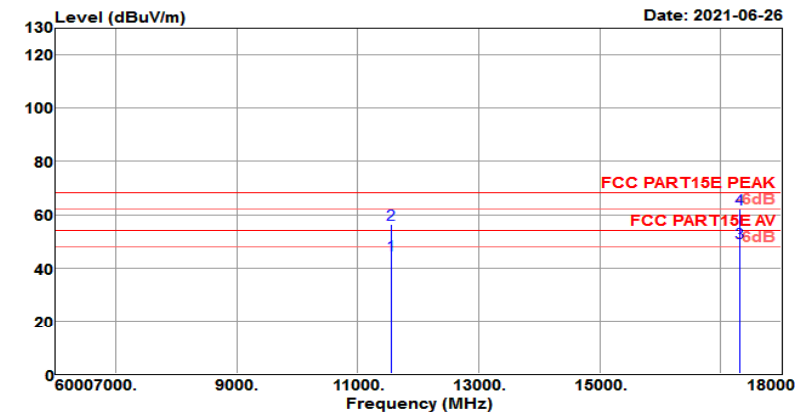
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5775.000	91.58	32.04	6.08	95.41	68.20	27.21	Peak



Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V

Data: 2



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11550.000	24.62	39.60	13.49	32.96	44.75	54.00	-9.25	Average
11550.000	36.23	39.60	13.49	32.96	56.36	68.20	-11.84	Peak
17325.000	21.36	41.20	17.18	30.08	49.66	54.00	-4.34	Average
17325.000	33.82	41.20	17.18	30.08	62.12	68.20	-6.08	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.

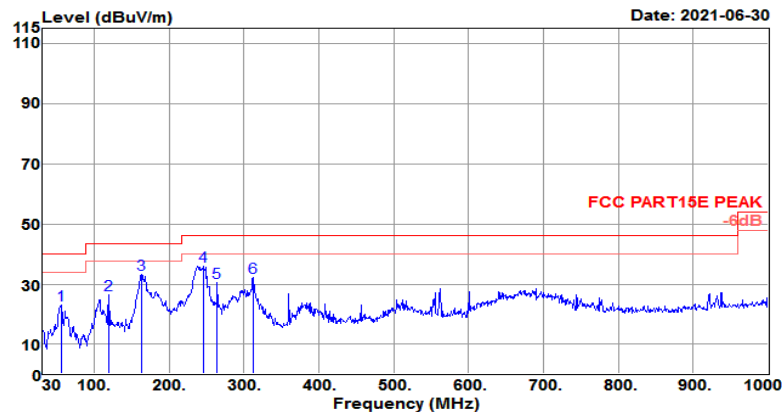


3.4.6 Test Result of Radiated Spurious Emission (30MHz ~ 1GHz)

Test Mode :	802.11n HT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	30MHz~1GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 23℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH48 (5240MHz)
Power rating: DC 3.85V

Data: 88



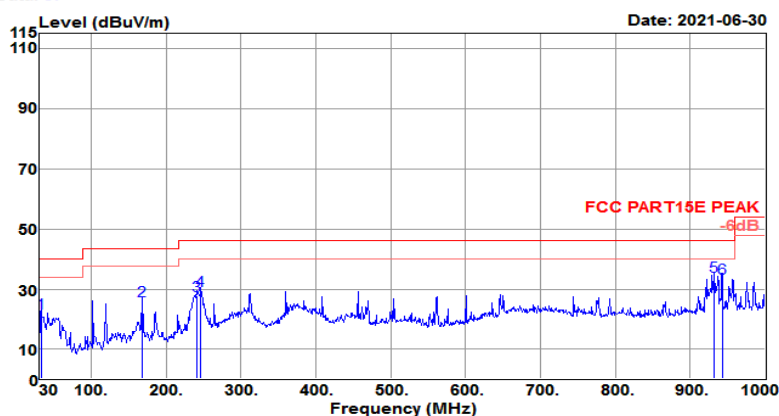
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
55.220	39.46	14.91	1.23	32.59	23.01	40.00	-16.99	QP
119.240	46.01	11.23	1.86	32.52	26.58	43.50	-16.92	QP
162.890	49.70	13.79	2.19	32.56	33.12	43.50	-10.38	QP
246.310	54.20	11.64	2.74	32.60	35.98	46.00	-10.02	QP
263.770	48.36	11.84	2.81	32.60	30.41	46.00	-15.59	QP
312.270	48.38	13.30	3.10	32.61	32.17	46.00	-13.83	QP



Test Mode :	802.11n HT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	30MHz~1GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 23℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH48 (5240MHz)
Power rating: DC 3.85V

Data: 87



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
32.910	39.83	13.94	0.95	32.60	22.12	40.00	-17.88	QP
167.740	43.20	13.45	2.22	32.57	26.30	43.50	-17.20	QP
241.460	45.78	11.76	2.74	32.60	27.68	46.00	-18.32	QP
246.310	47.70	11.64	2.74	32.60	29.48	46.00	-16.52	QP
932.100	37.58	22.39	5.75	31.51	34.21	46.00	-11.79	QP
942.770	36.72	22.40	5.76	31.43	33.45	46.00	-12.55	QP

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

FCC §15.207

IC RSS-GEN 8.8

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 (dBμV)	
	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.

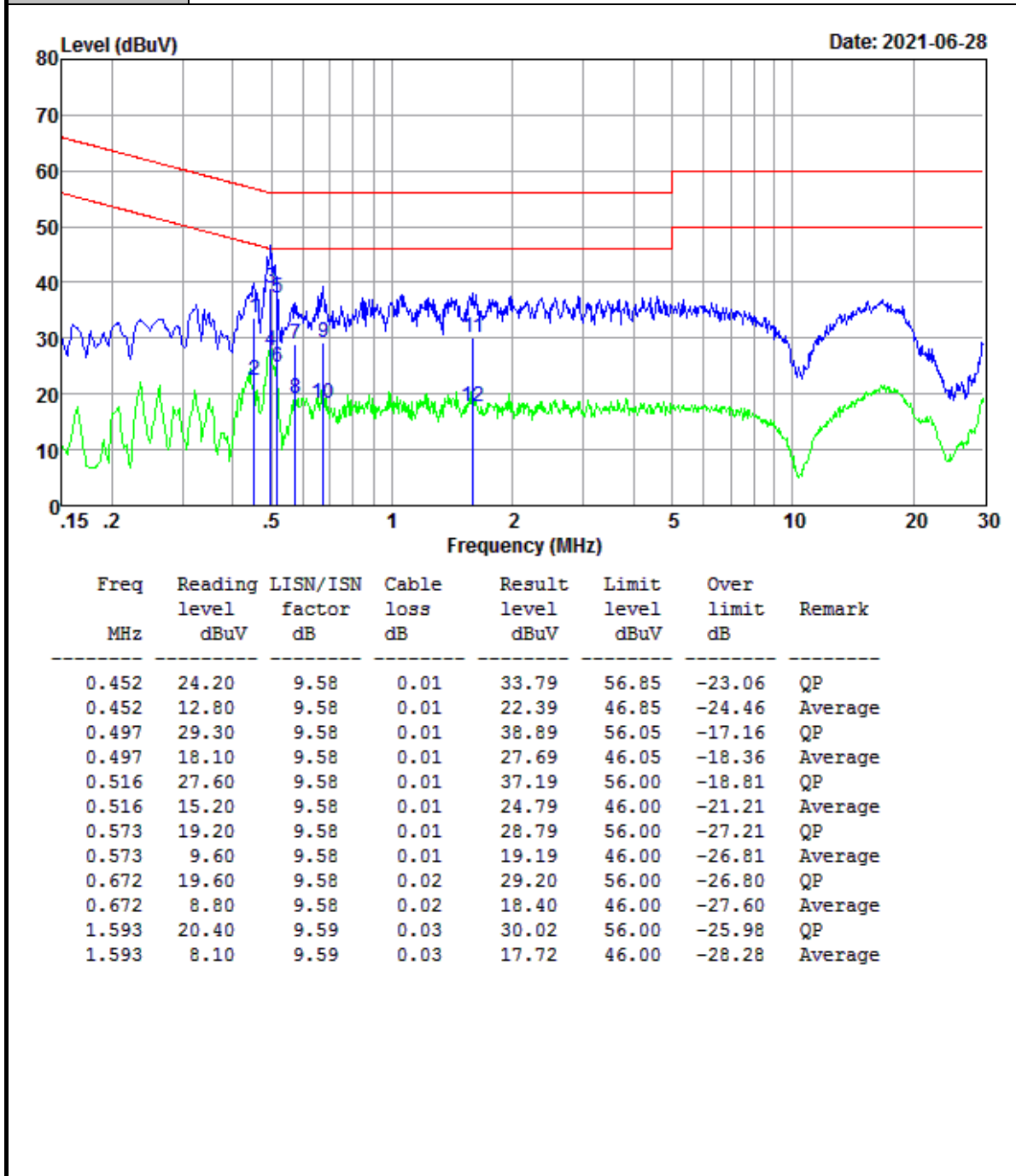
3.5.2 Test Procedures

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.



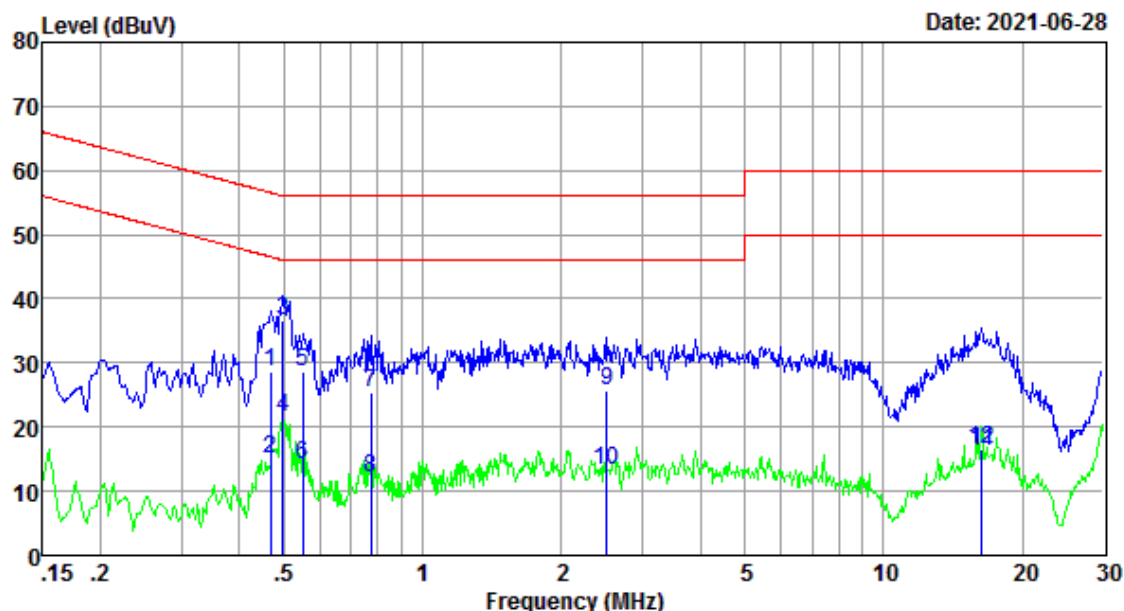
3.5.3 Test Result of AC Conducted Emission

Test Mode :	Mode 1	Temperature :	25℃
Test Engineer :	Jack Liu	Relative Humidity :	62%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	RLAN Linking + Earphone + Adapter		





Test Mode :	Mode 1	Temperature :	25°C
Test Engineer :	Jack Liu	Relative Humidity :	62%
Test Voltage :	120Vac / 60Hz	Phase :	NEUTRAL
Function Type :	RLAN Linking + Earphone + Adapter		



Freq MHz	Reading level dBuV	LISN/ISN factor dB	Cable loss dB	Result level dBuV	Limit level dBuV	Over limit dB	Remark
0.469	19.20	9.57	0.01	28.78	56.54	-27.76	QP
0.469	5.50	9.57	0.01	15.08	46.54	-31.46	Average
0.497	27.10	9.57	0.01	36.68	56.05	-19.37	QP
0.497	11.90	9.57	0.01	21.48	46.05	-24.57	Average
0.549	19.00	9.58	0.01	28.59	56.00	-27.41	QP
0.549	4.50	9.58	0.01	14.09	46.00	-31.91	Average
0.771	15.70	9.58	0.02	25.30	56.00	-30.70	QP
0.771	2.50	9.58	0.02	12.10	46.00	-33.90	Average
2.513	15.90	9.60	0.04	25.54	56.00	-30.46	QP
2.513	3.60	9.60	0.04	13.24	46.00	-32.76	Average
16.312	6.00	10.09	0.11	16.20	60.00	-43.80	QP
16.312	6.30	10.09	0.11	16.50	50.00	-33.50	Average

3.6 Frequency Stability Measurement

3.6.1 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.

3.6.2 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.



3.6.3 Test Result of Frequency Stability

Refer to Appendix D of this test report.

3.7 Automatically Discontinue Transmission

3.7.1 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.

3.7.2 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.

3.8 Antenna Requirements

3.8.1 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.

3.8.2 Antenna Connected Construction

An LDS type antenna design is used.

3.8.3 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.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	Keysight	N9010A	MY56070788	2021-01-05	2022-01-04	Conducted
Power Sensor	Keysight	U2021XA	MY56510025	2021-01-05	2022-01-04	Conducted
Power Sensor	Keysight	U2021XA	MY57030005	2021-01-05	2022-01-04	Conducted
Power Sensor	Keysight	U2021XA	MY56510018	2021-01-05	2022-01-04	Conducted
Power Sensor	Keysight	U2021XA	MY56480002	2021-01-05	2022-01-04	Conducted
Thermal Chamber	Howkin	UHL-34	19111801	2021-04-21	2022-04-20	Conducted
Base Station	R&S	CMW 270	101231	2021-01-05	2022-01-04	Conducted
Signal Generator (Interferer)	Keysight	N5182B	MY56200384	2021-01-05	2022-01-04	Conducted
Signal Generator (Blocker)	Keysight	N5171B	MY56200661	2021-01-05	2022-01-04	Conducted

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV 40	101433	2021-01-05	2022-01-04	Radiation
Amplifier	Sonoma	310	363917	2021-01-06	2022-01-05	Radiation
Amplifier	Schwarzbeck	BBV 9718	327	2021-01-06	2022-01-05	Radiation
Amplifier	Narda	TTA1840-35-HG	2034380	2020-11-28	2021-11-27	Radiation
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-051	2020-02-14	2023-02-13	Radiation
Broadband Antenna	Schwarzbeck	VULB 9168	9168-757	2020-09-27	2023-09-26	Radiation
Horn Antenna	Schwarzbeck	BBHA 9120 D	1677	2020-02-14	2023-02-13	Radiation
Horn Antenna	COM-POWER	AH-1840	101117	2018-06-19	2021-06-18	Radiation
Horn Antenna	COM-POWER	AH-1840	101117	2021-06-18	2024-06-17	Radiation
Test Software	Audix	E3	6.111221a	N/A	N/A	Radiation
Filter	Micro-Tronics	BRM 50702	G266	N/A	N/A	Radiation



Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
LISN	R&S	ENV216	102125	2021-01-05	2022-01-04	Conducted
LISN	R&S	ENV432	101327	2021-01-06	2022-01-05	Conducted
EMI Test Receiver	R&S	ESR3	102143	2021-01-06	2022-01-05	Conducted
EMI Test Software	Audix	E3	N/A	N/A	N/A	Conducted

N/A: No Calibration Required

- NOTE:.**
1. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
 2. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
 3. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

5 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	2.42dB
Radiated emissions	30MHz ~ 1GMHz	2.50dB
	1GHz ~ 18GHz	3.51dB
	18GHz ~ 40GHz	3.96dB

MEASUREMENT	UNCERTAINTY
Occupied Channel Bandwidth	±196.4Hz
RF output power, conducted	±2.31dB
Power density, conducted	±2.31dB

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



Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.040	5169.480	5193.520	---	PASS
		5200	33.240	5184.800	5218.040	---	PASS
		5240	33.520	5224.560	5258.080	---	PASS
		5260	35.760	5243.600	5279.360	---	PASS
		5280	36.160	5263.280	5299.440	---	PASS
		5320	32.040	5305.480	5337.520	---	PASS
		5500	29.520	5485.600	5515.120	---	PASS
		5580	29.800	5565.200	5595.000	---	PASS
		5700	26.160	5687.680	5713.840	---	PASS
		5720	25.880	5707.720	5733.600	---	PASS
		5720_UNII-2C	17.28	5707.720	5725	---	PASS
		5720_UNII-3	8.6	5725	5733.600	---	PASS
		5745	32.440	5730.040	5762.480	---	PASS
		5785	26.200	5772.600	5798.800	---	PASS
		5825	26.440	5812.480	5838.920	---	PASS
11N20SISO	Ant1	5180	23.120	5168.840	5191.960	---	PASS
		5200	30.040	5187.200	5217.240	---	PASS
		5240	28.120	5227.480	5255.600	---	PASS
		5260	32.040	5246.160	5278.200	---	PASS
		5280	33.880	5264.320	5298.200	---	PASS
		5320	27.280	5307.720	5335.000	---	PASS
		5500	24.000	5488.400	5512.400	---	PASS
		5580	27.320	5567.040	5594.360	---	PASS
		5700	26.760	5687.680	5714.440	---	PASS
		5720	27.640	5707.120	5734.760	---	PASS
		5720_UNII-2C	17.88	5707.120	5725	---	PASS
		5720_UNII-3	9.76	5725	5734.760	---	PASS
		5745	27.760	5732.080	5759.840	---	PASS
		5785	26.840	5772.400	5799.240	---	PASS
		5825	25.800	5812.080	5837.880	---	PASS
11N40SISO	Ant1	5190	49.760	5168.560	5218.320	---	PASS
		5230	67.360	5201.040	5268.400	---	PASS
		5270	73.280	5236.640	5309.920	---	PASS



		5310	41.440	5289.200	5330.640	---	PASS
		5510	41.840	5488.720	5530.560	---	PASS
		5550	59.360	5528.240	5587.600	---	PASS
		5670	45.920	5648.640	5694.560	---	PASS
		5710	45.920	5688.720	5734.640	---	PASS
		5710_UNII-2C	36.28	5688.720	5725	---	PASS
		5710_UNII-3	9.64	5725	5734.640	---	PASS
		5755	52.400	5733.480	5785.880	---	PASS
		5795	52.080	5773.640	5825.720	---	PASS
11AC20SISO	Ant1	5180	22.640	5169.080	5191.720	---	PASS
		5200	28.320	5187.680	5216.000	---	PASS
		5240	28.480	5227.680	5256.160	---	PASS
		5260	30.120	5247.080	5277.200	---	PASS
		5280	33.160	5265.240	5298.400	---	PASS
		5320	25.440	5308.600	5334.040	---	PASS
		5500	25.560	5487.720	5513.280	---	PASS
		5580	27.360	5566.800	5594.160	---	PASS
		5700	25.600	5686.720	5712.320	---	PASS
		5720	25.480	5706.760	5732.240	---	PASS
		5720_UNII-2C	18.24	5706.760	5725	---	PASS
		5720_UNII-3	7.24	5725	5732.240	---	PASS
		5745	28.200	5731.760	5759.960	---	PASS
		5785	26.480	5772.680	5799.160	---	PASS
		5825	25.760	5812.400	5838.160	---	PASS
11AC40SISO	Ant1	5190	41.680	5168.880	5210.560	---	PASS
		5230	60.080	5207.600	5267.680	---	PASS
		5270	65.440	5243.360	5308.800	---	PASS
		5310	53.360	5288.000	5341.360	---	PASS
		5510	41.840	5488.800	5530.640	---	PASS
		5550	50.400	5528.000	5578.400	---	PASS
		5670	49.600	5648.560	5698.160	---	PASS
		5710	49.680	5688.720	5738.400	---	PASS
		5710_UNII-2C	36.28	5688.720	5725	---	PASS
		5710_UNII-3	13.4	5725	5738.400	---	PASS
		5755	49.680	5733.720	5783.400	---	PASS
		5795	41.760	5773.800	5815.560	---	PASS
		5210	84.000	5168.080	5252.080	---	PASS
11AC80SISO	Ant1						



		5290	84.320	5247.920	5332.240	---	PASS
		5530	84.320	5487.440	5571.760	---	PASS
		5610	84.480	5566.640	5651.120	---	PASS
		5690	83.680	5647.920	5731.600	---	PASS
		5690_UNII-2C	77.08	5647.920	5725	---	PASS
		5690_UNII-3	6.6	5725	5731.600	---	PASS
		5775	83.360	5733.080	5816.440	---	PASS



Test Graphs



11A_Ant1_5180



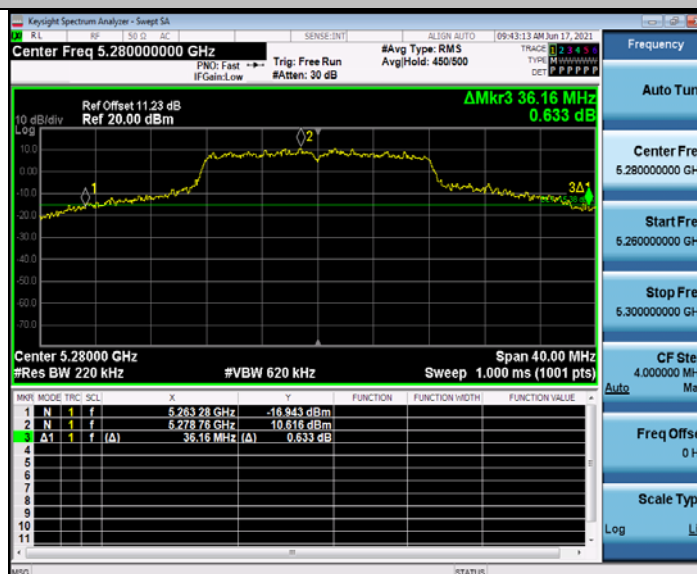
11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5260





11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700





11A_Ant1_5720



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180

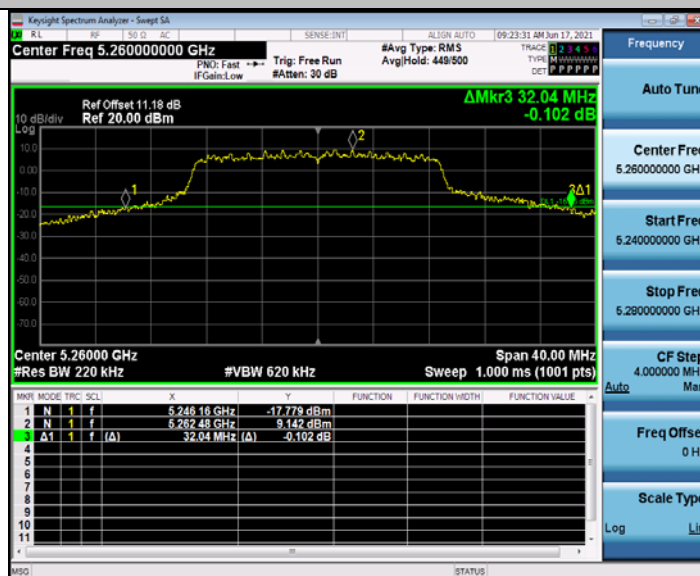




11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320





11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700