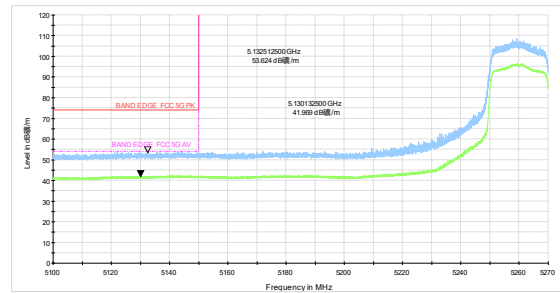
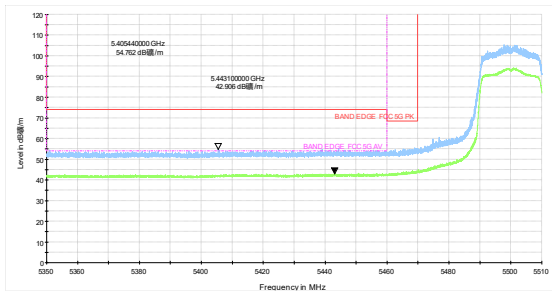


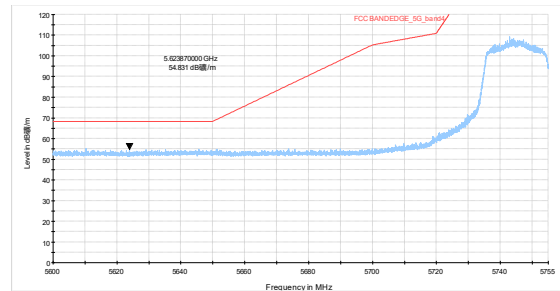
802.11ax HE20-242TONE-Channel 36:
Peak + Average



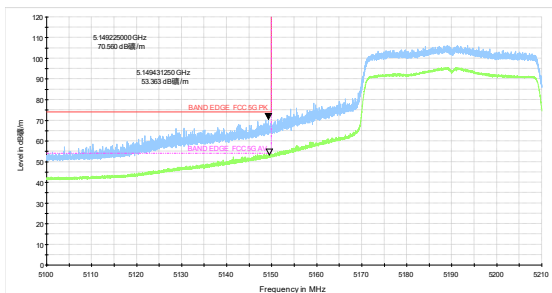
802.11ax HE20-242TONE -Channel 52:
Peak + Average



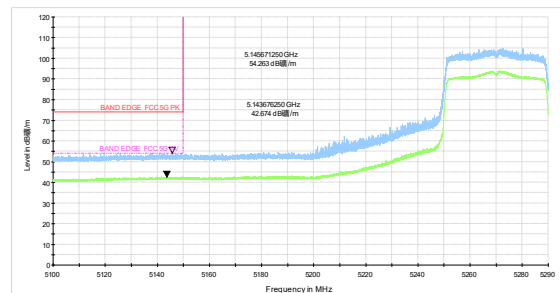
802.11ax HE20-242TONE -Channel 100:
Peak + Average



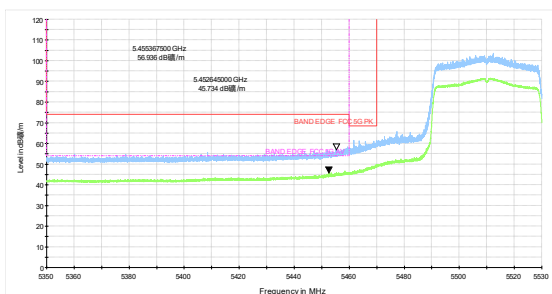
802.11ax HE20-242TONE-Channel 149:
Peak



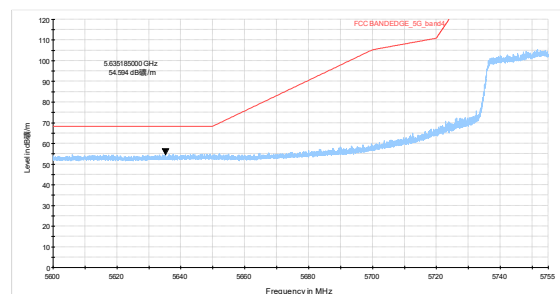
802.11ax HE40-484TONE-Channel 38:
Peak + Average



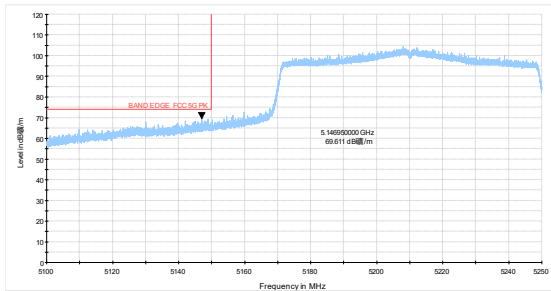
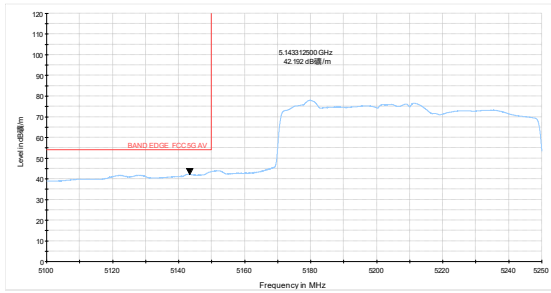
802.11ax HE40-484TONE-Channel 54:
Peak + Average



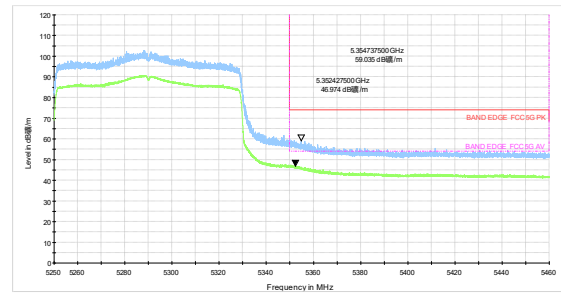
802.11ax HE40-484TONE-Channel 102:
Peak + Average



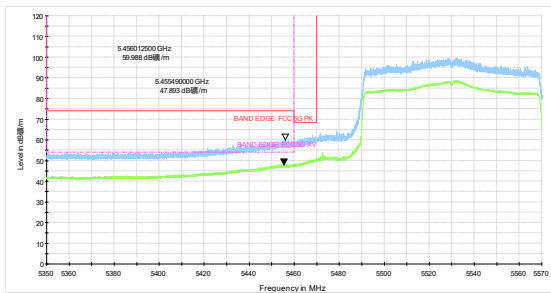
802.11ax HE40-484TONE-Channel 151:
Peak



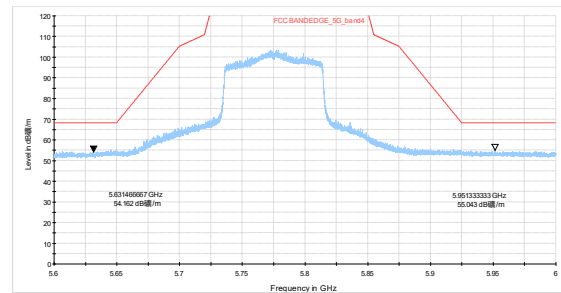
802.11ax HE80-996TONE –Channel 42:
Peak + Average



802.11ax HE80 -996TONE–Channel 58:
Peak + Average

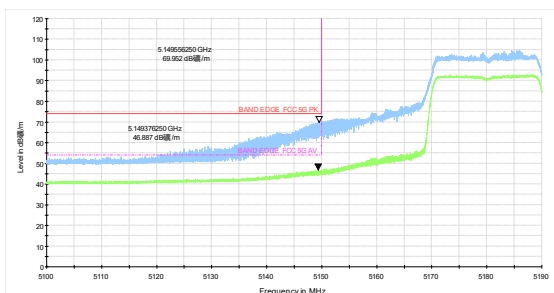


802.11ax HE80-996TONE-Channel 106:
Peak + Average

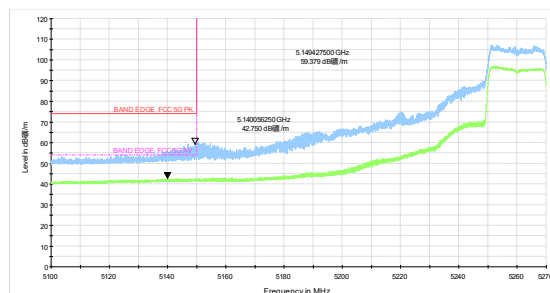


802.11ax HE80-996TONE- Channel 155:
Peak

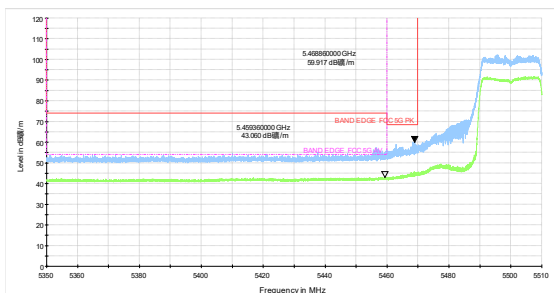
TB Mode



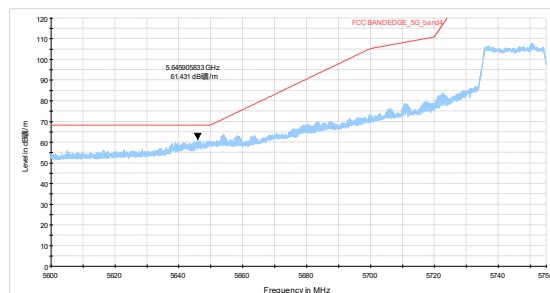
802.11ax HE20-242TONE-Channel 36:
Peak + Average



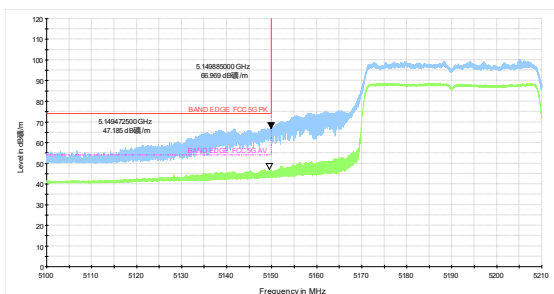
802.11ax HE20-242TONE -Channel 52:
Peak + Average



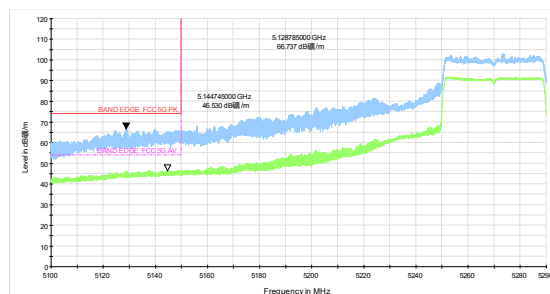
802.11ax HE20-242TONE -Channel 100:
Peak + Average



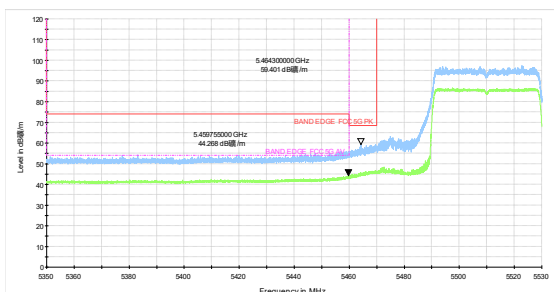
802.11ax HE20-242TONE-Channel 149:
Peak



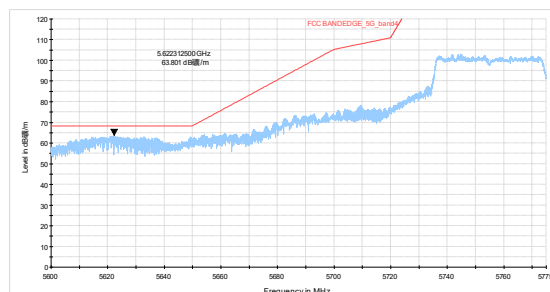
802.11ax HE40-484TONE-Channel 38:
Peak + Average



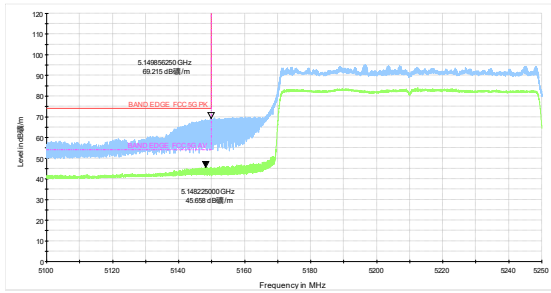
802.11ax HE40-484TONE-Channel 54:
Peak + Average



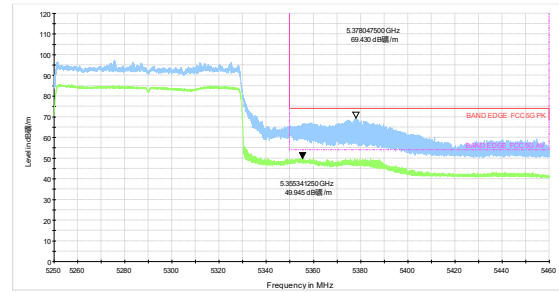
802.11ax HE40-484TONE-Channel 102:
Peak + Average



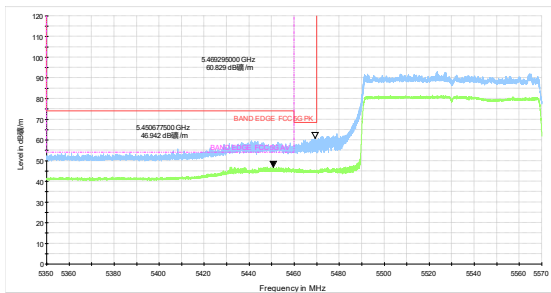
802.11ax HE40-484TONE-Channel 151:
Peak



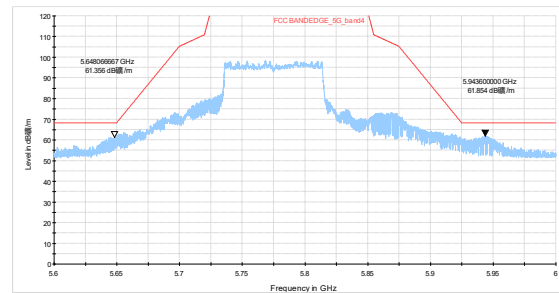
802.11ax HE80-996TONE -Channel 42:
Peak + Average



802.11ax HE80 -996TONE-Channel 58:
Peak + Average

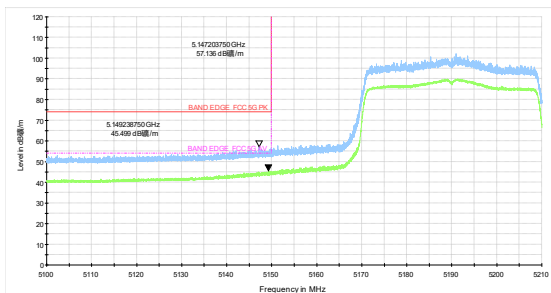


802.11ax HE80-996TONE-Channel 106:
Peak + Average



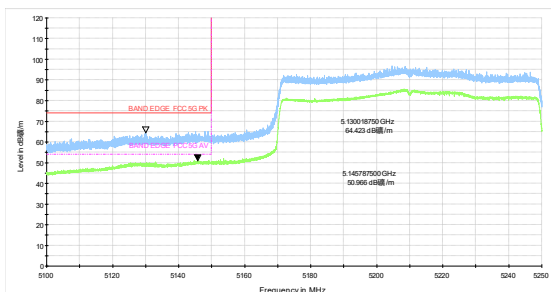
802.11ax HE80-996TONE- Channel 155:
Peak

TAS Antenna



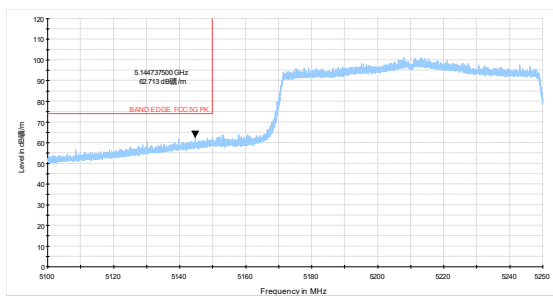
802.11ax HE40-Channel 38: Peak + Average

ERSU Mode

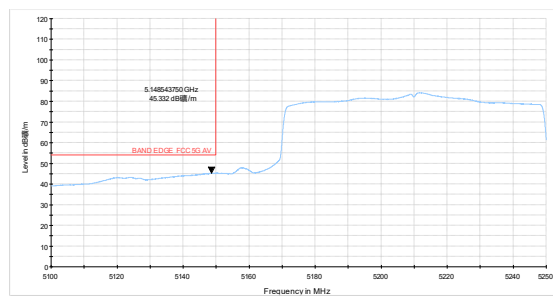


802.11ax HE80-996TONE-Channel 42:
Peak + Average

TB Mode



802.11ax HE80-996TONE-Channel 42:
Peak



802.11ax HE80-996TONE-Channel 42:
Average

Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier.
The Radiates Emission from 18GHz to 40GHz are more than 20dB below the limit are not reported.

Remark:

1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means (dB $\mu\text{V/m}$)**
A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means (dB $\mu\text{V/m}$)
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

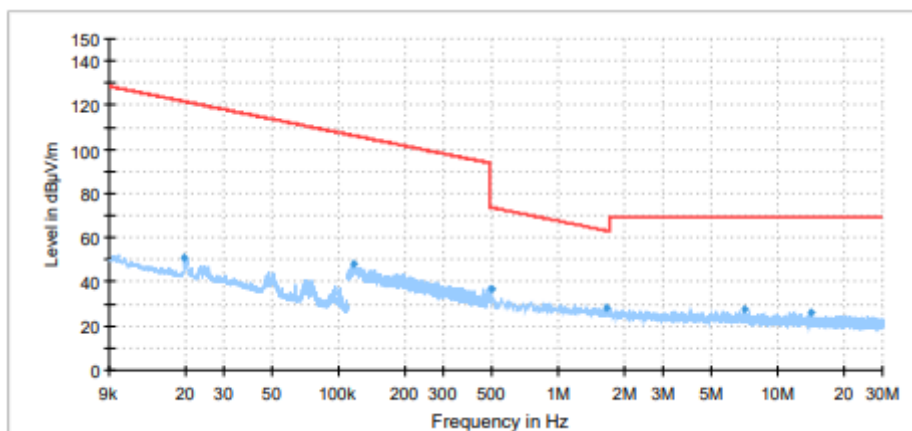
For above 1GHz

 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

Continuous TX mode:

During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.

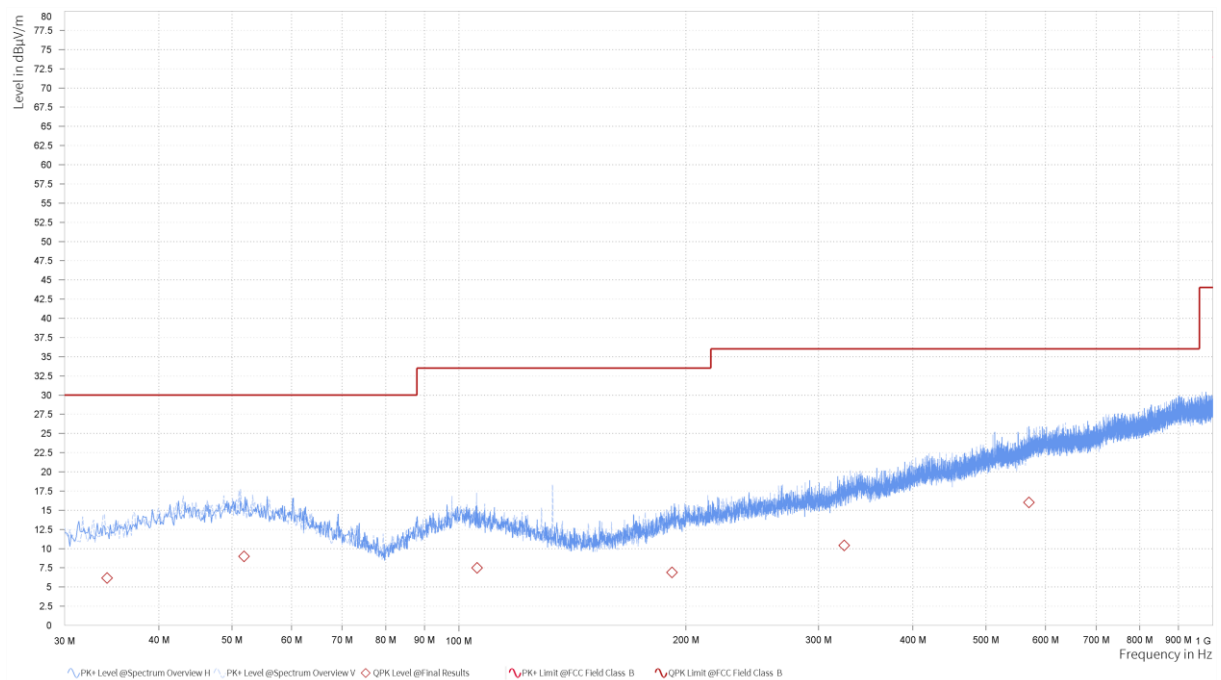


Final Result

Frequency (MHz)	MaxPeak (dB $\mu\text{V/m}$)	Limit (dB $\mu\text{V/m}$)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	50.70	121.70	71.00	500.00	243.00	17
0.12	47.91	106.30	58.39	150.00	100.00	17
0.49	36.56	73.74	37.18	150.00	86.00	17
1.67	28.34	63.16	34.82	150.00	314.00	17
7.00	27.32	69.50	42.18	150.00	27.00	17
14.27	25.97	69.50	43.53	150.00	122.00	17

Radiates Emission from 9kHz to 30MHz

Spectrum Overview H/V

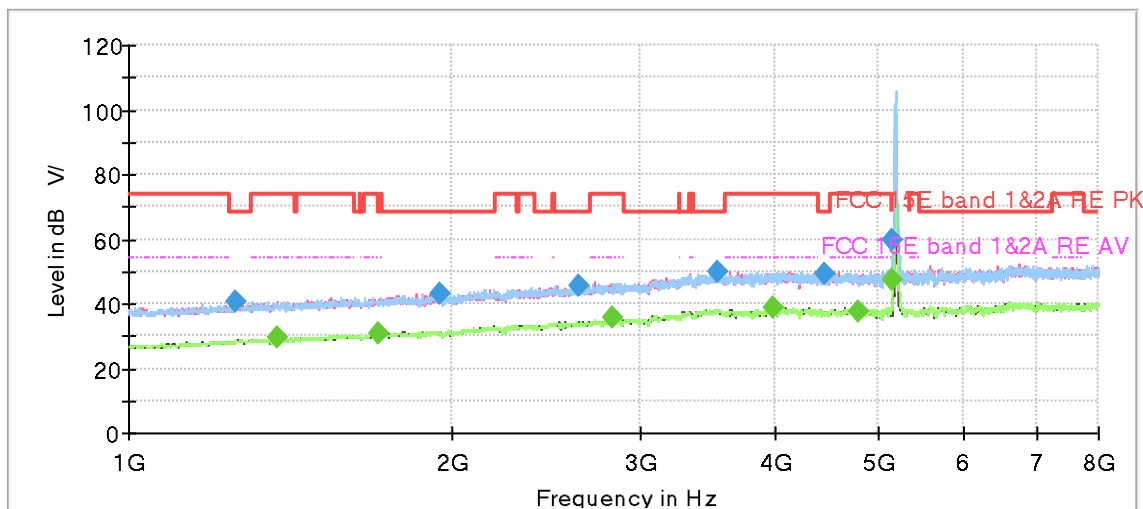


Frequency [MHz]	QPK Level [dBµV/m]	QPK Limit [dBµV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
34.162	6.15	30.00	23.85	-11.33	V	181.4	1.02	1.000
51.904	8.96	30.00	21.04	-8.56	V	293.8	1.00	1.000
105.727	7.47	33.50	26.03	-10.14	V	38.4	1.20	1.000
191.723	6.90	33.50	26.60	-10.52	H	229.9	1.00	1.000
324.413	10.41	36.00	25.59	-6.70	H	249.7	1.23	1.000
570.272	16.00	36.00	20.00	-1.76	H	228	2.01	1.000

Radiates Emission from 30MHz to 1GHz

Antenna 1

802.11a CH36

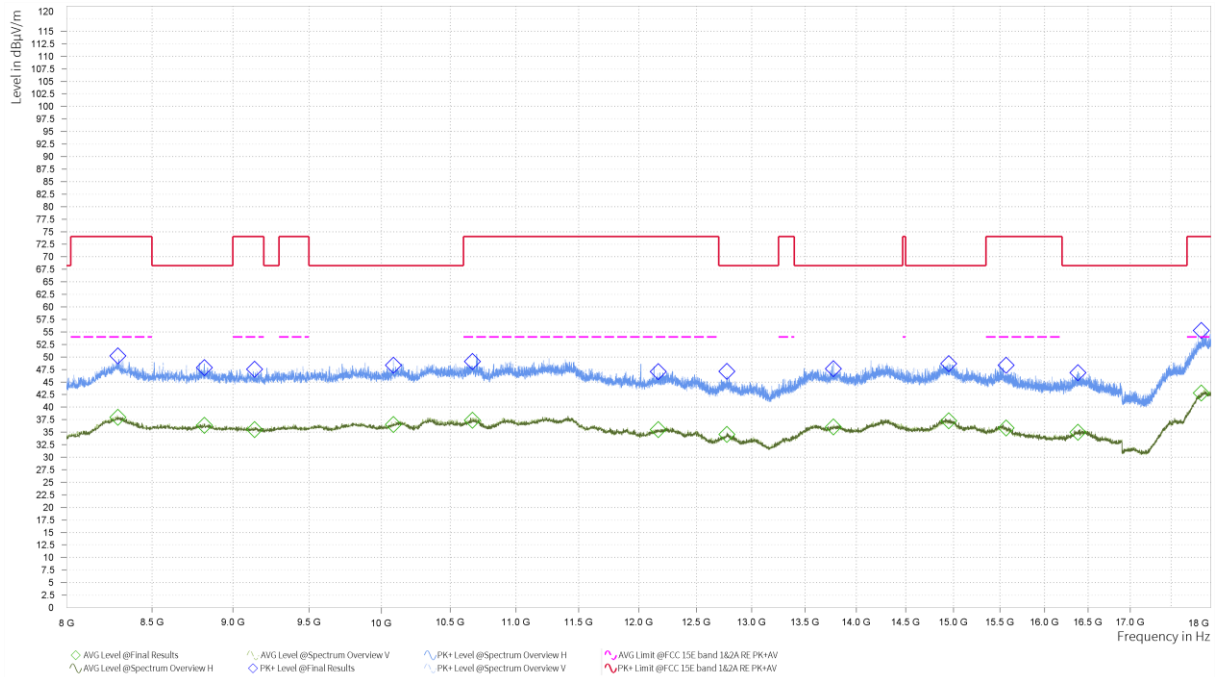


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1260.750000	40.40	---	68.20	27.80	500.0	100.0	H	104.0	-8.5
1375.375000	---	29.80	54.00	24.20	500.0	200.0	H	253.0	-7.7
1709.625000	---	30.55	54.00	23.45	500.0	200.0	V	21.0	-5.9
1946.750000	42.92	---	68.20	25.28	500.0	200.0	H	309.0	-4.7
2627.500000	45.79	---	68.20	22.41	500.0	100.0	H	12.0	-2.0
2821.750000	---	35.42	54.00	18.58	500.0	100.0	H	282.0	-1.2
3536.625000	50.13	---	68.20	18.07	500.0	200.0	V	76.0	1.7
3988.125000	---	38.59	54.00	15.41	500.0	200.0	V	57.0	3.2
4458.000000	49.04	---	68.20	19.16	500.0	200.0	V	227.0	3.6
4786.125000	---	37.42	54.00	16.58	500.0	100.0	V	90.0	3.9
5147.500000	59.98	---	74.00	14.02	500.0	100.0	H	160.0	5.0
5149.250000	---	47.23	54.00	6.77	500.0	100.0	H	178.0	5.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

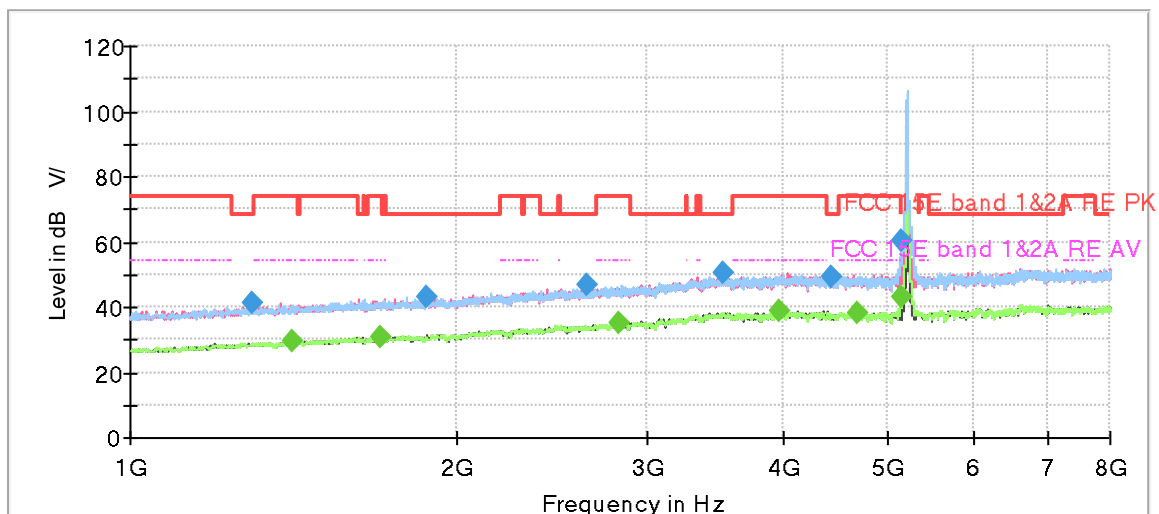
Spectrum Overview H/V



Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
8,296.250	50.17	74.00	23.83	37.95	54.00	16.05	6.73	V	2.1	2.00	1.000
8,820.000	47.86	68.20	20.34	36.36			4.94	H	160.1	2.00	1.000
9,140.000	47.56	74.00	26.44	35.51	54.00	18.49	5.75	V	107.7	2.00	1.000
10,085.000	48.33	68.20	19.87	36.52			5.50	V	179.8	1.00	1.000
10,665.000	49.10	74.00	24.90	37.36	54.00	16.64	6.37	V	49.6	2.00	1.000
12,166.250	47.03	74.00	26.97	35.51	54.00	18.49	6.05	H	129.7	1.00	1.000
12,773.750	47.12	68.20	21.08	34.55			6.74	H	62.5	1.00	1.000
13,775.000	47.66	68.20	20.54	36.01			6.98	H	72.6	2.00	1.000
14,947.500	48.63	68.20	19.57	37.22			7.40	V	27.5	2.00	1.000
15,568.750	48.31	74.00	25.69	35.81	54.00	18.19	6.45	H	1	1.00	1.000
16,381.250	46.86	68.20	21.34	34.94			5.59	H	115.2	1.00	1.000
17,878.750	55.24	74.00	18.76	42.78	54.00	11.22	14.35	H	11.6	1.00	1.000

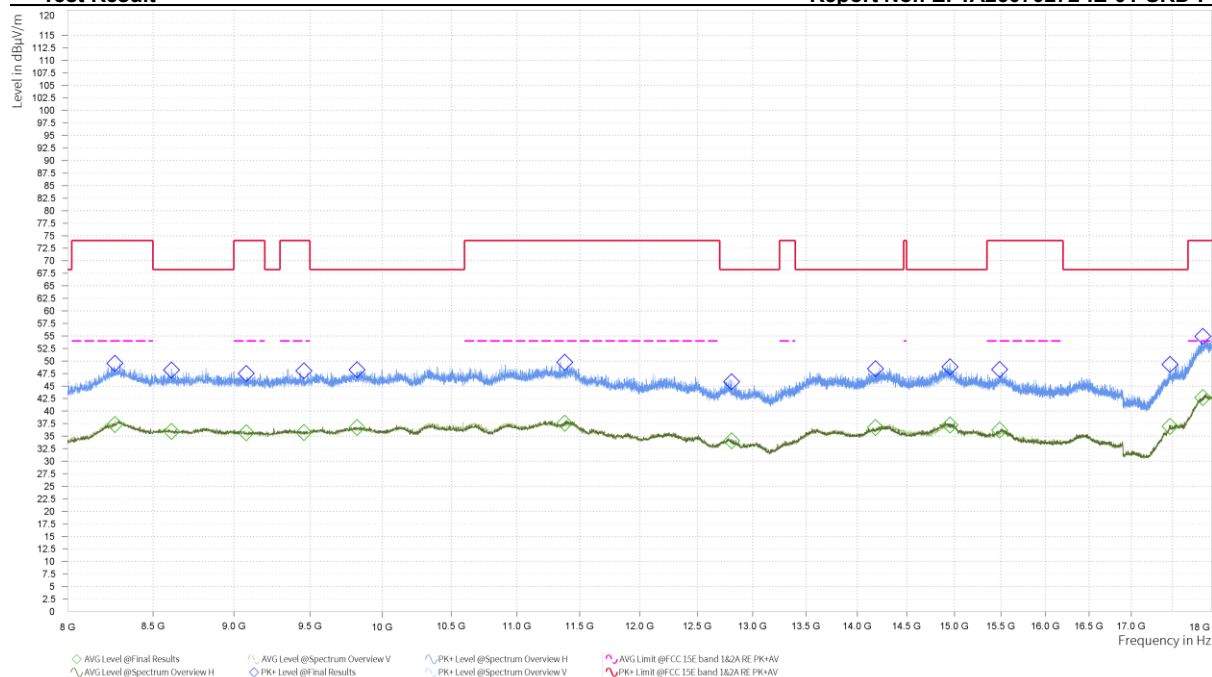
Radiates Emission from 8GHz to 18GHz

802.11a CH40



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.875000	40.93	---	68.20	27.27	500.0	200.0	V	303.0	-8.2
1413.000000	---	29.44	54.00	24.56	500.0	200.0	V	260.0	-7.5
1698.250000	---	30.75	54.00	23.25	500.0	200.0	H	0.0	-6.0
1874.125000	42.86	---	68.20	25.34	500.0	100.0	V	221.0	-5.1
2633.625000	46.59	---	68.20	21.61	500.0	200.0	V	276.0	-2.0
2816.500000	---	35.12	54.00	18.88	500.0	200.0	V	153.0	-1.2
3527.000000	50.30	---	68.20	17.90	500.0	100.0	H	262.0	1.7
3960.125000	---	38.50	54.00	15.50	500.0	200.0	V	117.0	2.9
4428.250000	49.26	---	68.20	18.94	500.0	100.0	H	77.0	3.5
4675.875000	---	38.04	54.00	15.96	500.0	200.0	V	359.0	4.3
5141.375000	60.15	---	74.00	13.85	500.0	100.0	H	159.0	5.0
5148.375000	---	43.17	54.00	10.83	500.0	100.0	H	194.0	5.0

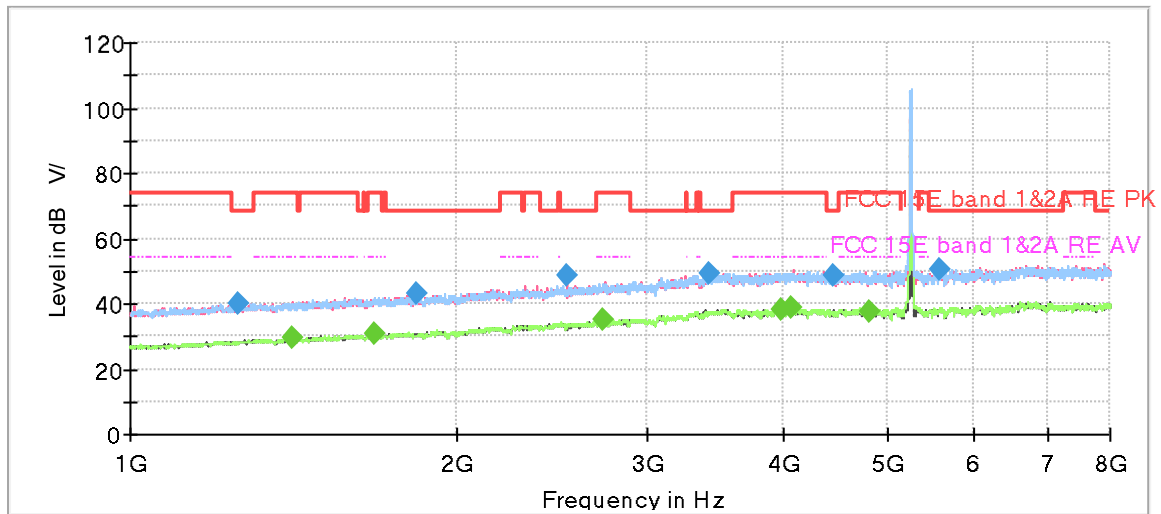
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
8,272.500	49.49	74.00	24.51	37.30	54.00	16.70	6.44	V	114.1	2.00	1.000
8,611.250	48.19	68.20	20.01	35.93			4.41	H	49.2	1.00	1.000
9,078.750	47.49	74.00	26.51	35.64	54.00	18.36	5.71	H	151.3	1.00	1.000
9,457.500	48.01	74.00	25.99	35.73	54.00	18.27	6.04	H	49.2	1.00	1.000
9,821.250	48.23	68.20	19.97	36.72			5.76	H	121.7	1.00	1.000
11,378.750	49.72	74.00	24.28	37.59	54.00	16.41	7.62	H	21.6	2.00	1.000
12,806.250	45.85	68.20	22.35	34.07			6.49	H	56.6	1.00	1.000
14,181.250	48.45	68.20	19.75	36.70			6.97	V	41.2	2.00	1.000
14,950.000	48.83	68.20	19.37	37.21			7.39	H	56.6	1.00	1.000
15,487.500	48.30	74.00	25.70	36.16	54.00	17.84	6.54	H	121.7	1.00	1.000
17,472.500	49.28	68.20	18.92	36.92			9.36	H	180	2.00	1.000
17,883.750	54.89	74.00	19.11	42.67	54.00	11.33	14.38	H	27.3	1.00	1.000

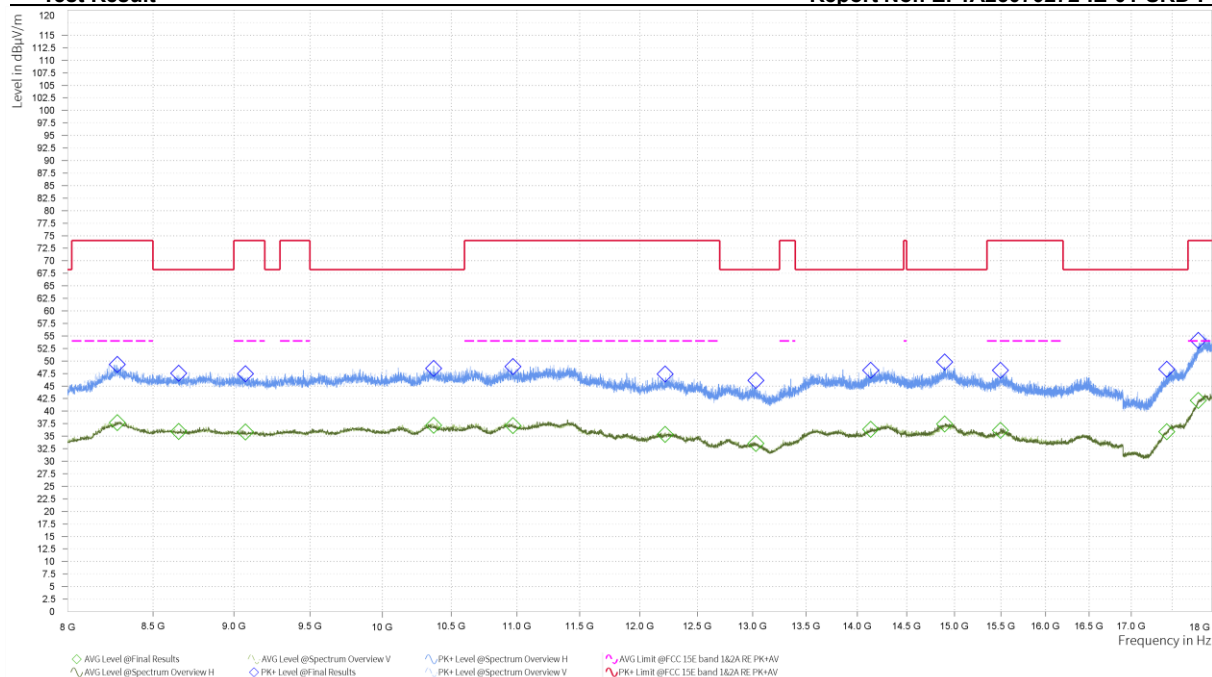
Radiates Emission from 8GHz to 18GHz

802.11a CH48



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1257.250000	40.28	---	68.20	27.92	500.0	200.0	V	223.0	-8.6
1410.375000	---	29.45	54.00	24.55	500.0	200.0	H	33.0	-7.5
1678.125000	---	30.78	54.00	23.22	500.0	200.0	H	327.0	-6.1
1838.250000	43.07	---	68.20	25.13	500.0	100.0	H	137.0	-5.2
2524.250000	48.57	---	68.20	19.63	500.0	100.0	V	45.0	-2.2
2730.750000	---	34.95	54.00	19.05	500.0	200.0	V	1.0	-1.5
3415.875000	49.44	---	68.20	18.76	500.0	100.0	V	35.0	1.4
3988.125000	---	38.27	54.00	15.73	500.0	200.0	H	292.0	3.2
4074.750000	---	38.64	54.00	15.36	500.0	200.0	V	273.0	3.5
4451.000000	48.62	---	68.20	19.58	500.0	200.0	V	359.0	3.5
4812.375000	---	37.34	54.00	16.66	500.0	200.0	V	273.0	3.9
5584.125000	50.52	---	68.20	17.68	500.0	200.0	V	214.0	5.6

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz

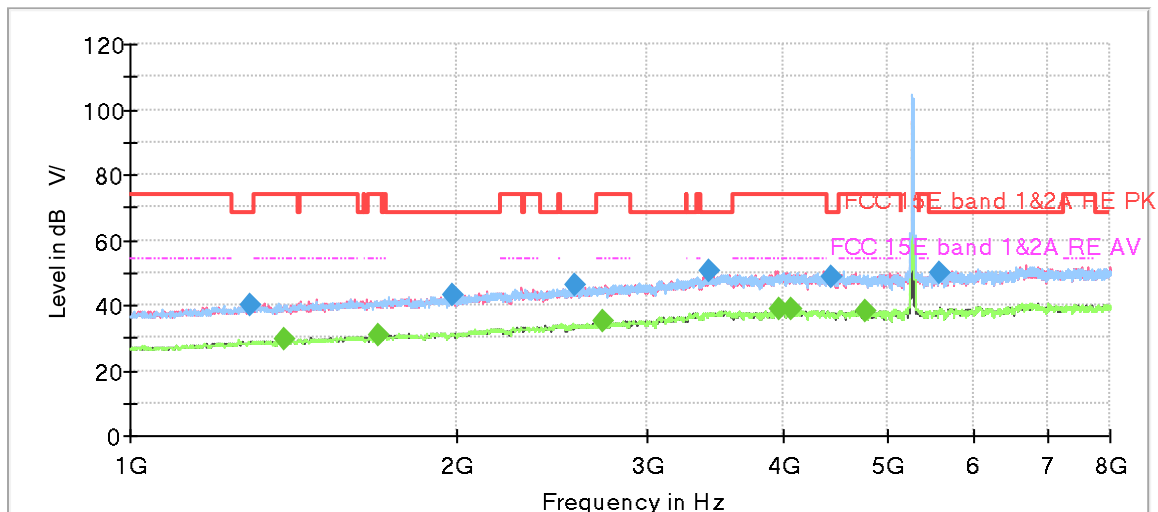


Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
8,286.250	49.28	74.00	24.72	37.67	54.00	16.33	6.63	H	77.6	1.00	1.000
8,655.000	47.52	68.20	20.68	35.90			4.27	V	63.7	2.00	1.000
9,073.750	47.43	74.00	26.57	35.81	54.00	18.19	5.69	H	1.4	1.00	1.000
10,368.750	48.47	68.20	19.73	37.12			6.26	H	147.1	2.00	1.000
10,968.750	48.87	74.00	25.13	37.10	54.00	16.90	6.64	V	159	1.00	1.000
12,217.500	47.37	74.00	26.63	35.30	54.00	18.70	6.34	H	178.6	2.00	1.000
13,030.000	46.08	68.20	22.12	33.54			6.96	V	14.5	1.00	1.000
14,133.750	48.09	68.20	20.11	36.33			6.94	H	22.4	2.00	1.000
14,895.000	49.76	68.20	18.44	37.42			7.46	H	70.3	1.00	1.000
15,496.250	48.10	74.00	25.90	36.12	54.00	17.88	6.62	H	0	1.00	1.000
17,435.000	48.34	68.20	19.86	35.88			9.01	V	63.7	2.00	1.000
17,827.500	54.08	74.00	19.92	42.08	54.00	11.92	14.00	V	49.2	2.00	1.000

Radiates Emission from 8GHz to 18GHz

Radiates Emission from 8GHz to 18GHz

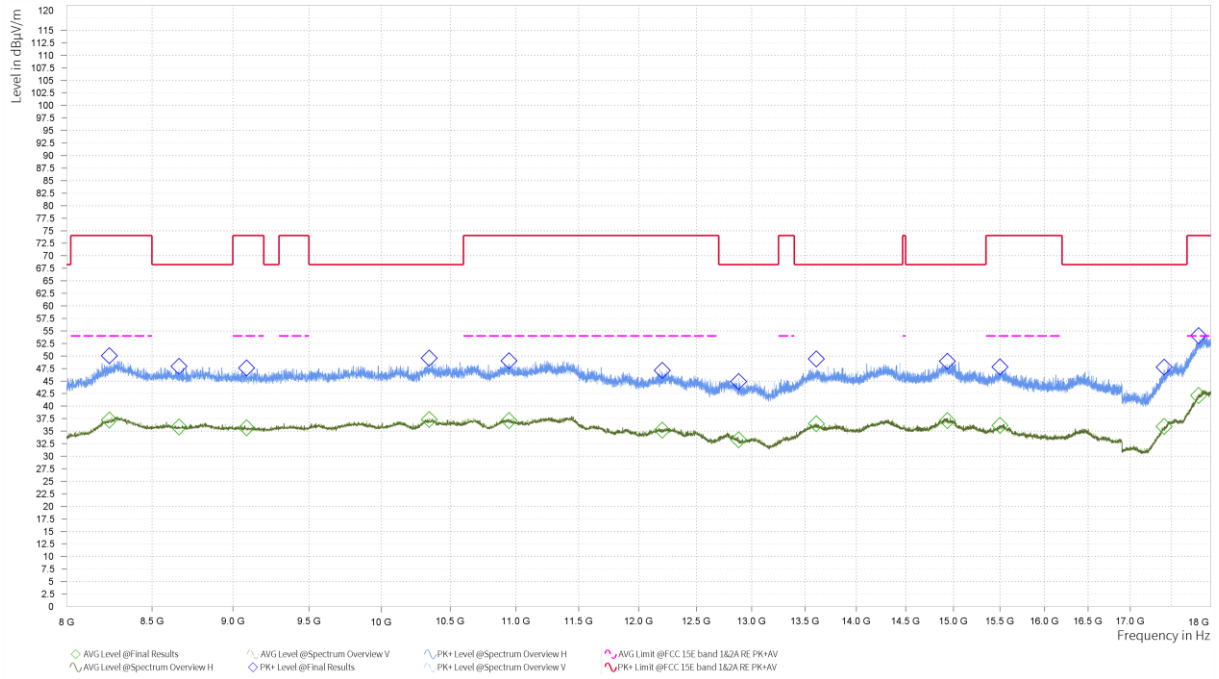
802.11a CH52



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1293.125000	40.25	---	68.20	27.95	500.0	200.0	H	175.0	-8.2
1386.750000	---	29.35	54.00	24.65	500.0	200.0	V	138.0	-7.7
1692.125000	---	30.61	54.00	23.39	500.0	100.0	H	0.0	-6.0
1982.625000	43.08	---	68.20	25.12	500.0	200.0	V	29.0	-4.6
2575.000000	46.39	---	68.20	21.81	500.0	100.0	H	17.0	-2.0
2729.000000	---	34.78	54.00	19.22	500.0	200.0	V	128.0	-1.5
3411.500000	50.17	---	68.20	18.03	500.0	200.0	H	148.0	1.4
3958.375000	---	38.46	54.00	15.54	500.0	200.0	V	93.0	2.9
4062.500000	---	38.67	54.00	15.33	500.0	100.0	H	116.0	3.4
4433.500000	48.55	---	68.20	19.65	500.0	100.0	V	250.0	3.5
4753.750000	---	38.11	54.00	15.89	500.0	200.0	H	111.0	4.0
5576.250000	50.10	---	68.20	18.10	500.0	200.0	H	88.0	5.6

Note: The signal beyond the limit is carrier.

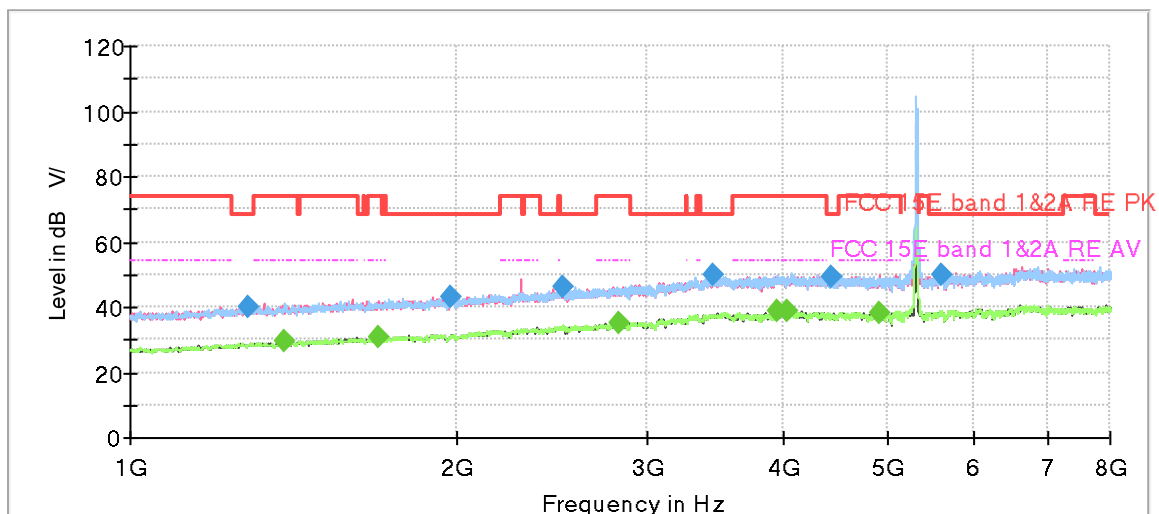
Radiates Emission from 1GHz to 8GHz



Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
8,246.250	50.02	74.00	23.98	37.18	54.00	16.82	6.08	H	33.5	1.00	1.000
8,663.750	47.88	68.20	20.32	35.82			4.24	V	0	2.00	1.000
9,087.500	47.60	74.00	26.40	35.63	54.00	18.37	5.74	H	55.9	1.00	1.000
10,343.750	49.54	68.20	18.66	37.32			6.16	V	29.8	1.00	1.000
10,946.250	49.05	74.00	24.95	37.10	54.00	16.90	6.73	H	136.8	1.00	1.000
12,202.500	47.09	74.00	26.91	35.17	54.00	18.83	6.26	V	165.6	2.00	1.000
12,880.000	44.86	68.20	23.34	33.24			5.93	V	134.1	1.00	1.000
13,608.750	49.38	68.20	18.82	36.47			6.96	H	26.4	1.00	1.000
14,933.750	48.90	68.20	19.30	37.09			7.45	V	82.1	1.00	1.000
15,500.000	47.80	74.00	26.20	36.11	54.00	17.89	6.66	H	158.4	1.00	1.000
17,412.500	47.72	68.20	20.48	35.93			8.80	H	73.6	2.00	1.000
17,843.750	54.05	74.00	19.95	42.10	54.00	11.90	14.11	V	180	1.00	1.000

Radiates Emission from 8GHz to 18GHz

802.11a CH60



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.875000	40.01	---	68.20	28.19	500.0	100.0	H	253.0	-8.3
1390.250000	---	29.63	54.00	24.37	500.0	100.0	V	90.0	-7.6
1691.250000	---	30.71	54.00	23.29	500.0	200.0	H	0.0	-6.0
1976.500000	43.19	---	68.20	25.01	500.0	100.0	H	161.0	-4.7
2507.625000	46.00	---	68.20	22.20	500.0	200.0	V	273.0	-2.1
2816.500000	---	35.07	54.00	18.93	500.0	100.0	H	152.0	-1.2
3445.625000	49.62	---	68.20	18.58	500.0	200.0	V	298.0	1.5
3952.250000	---	38.47	54.00	15.53	500.0	200.0	H	344.0	2.8
4032.750000	---	38.78	54.00	15.22	500.0	200.0	V	0.0	3.2
4432.625000	48.99	---	68.20	19.21	500.0	200.0	V	136.0	3.5
4899.875000	---	38.04	54.00	15.96	500.0	200.0	V	239.0	4.5
5593.750000	50.15	---	68.20	18.05	500.0	200.0	H	325.0	5.7

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz