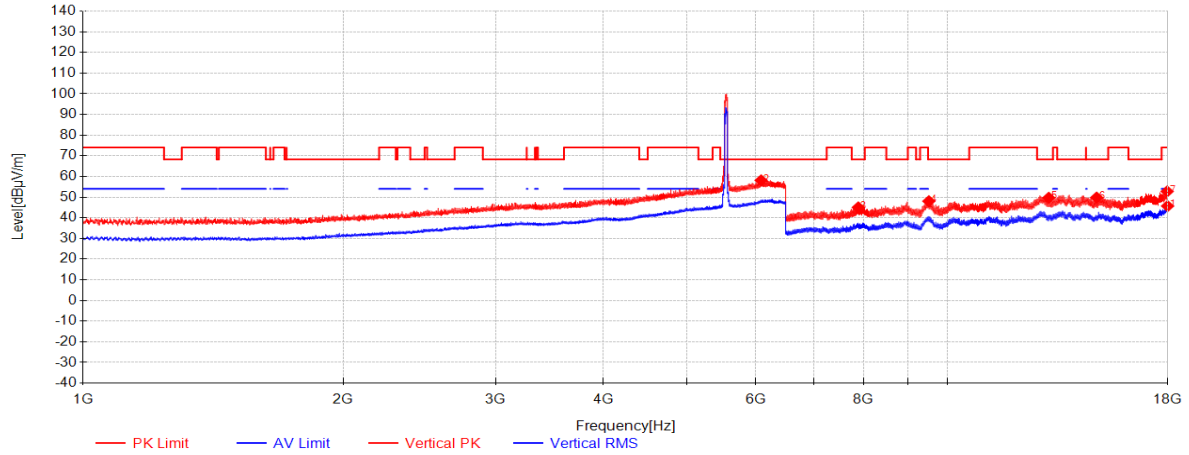
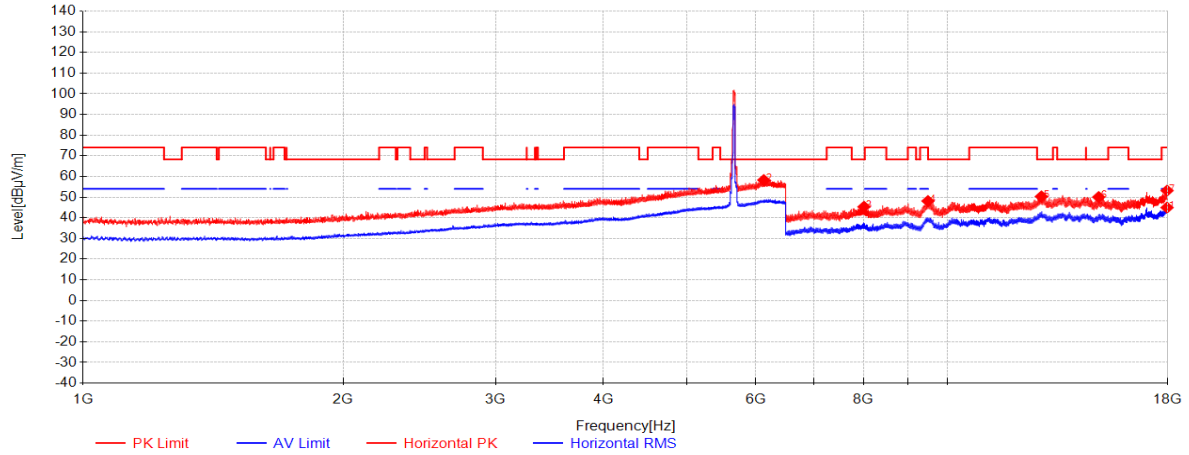


11ac(VHT40)_TX_CH_110_Vertical



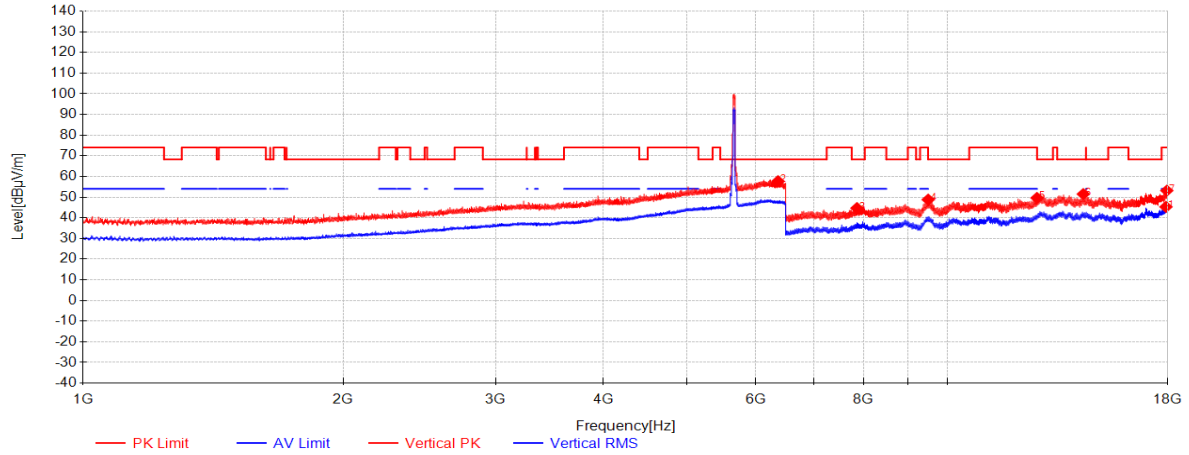
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17981.9833	34.99	41.65	-30.97	45.67	54.00	8.33	Vertical
2	6087.5	40.17	34.67	-16.74	58.11	68.20	10.09	Vertical
3	7887.6667	49.43	37.08	-41.44	45.06	68.20	23.14	Vertical
4	9518.75	48.43	38.05	-38.44	48.04	68.20	20.16	Vertical
5	13101.3833	44.75	39.95	-35.02	49.69	68.20	18.51	Vertical
6	14884.2667	43.44	39.87	-33.54	49.77	68.20	18.43	Vertical
7	17962.4333	42.18	41.59	-31.01	52.77	74.00	21.23	Vertical

11ac(VHT40)_TX_CH_134_Horizontal



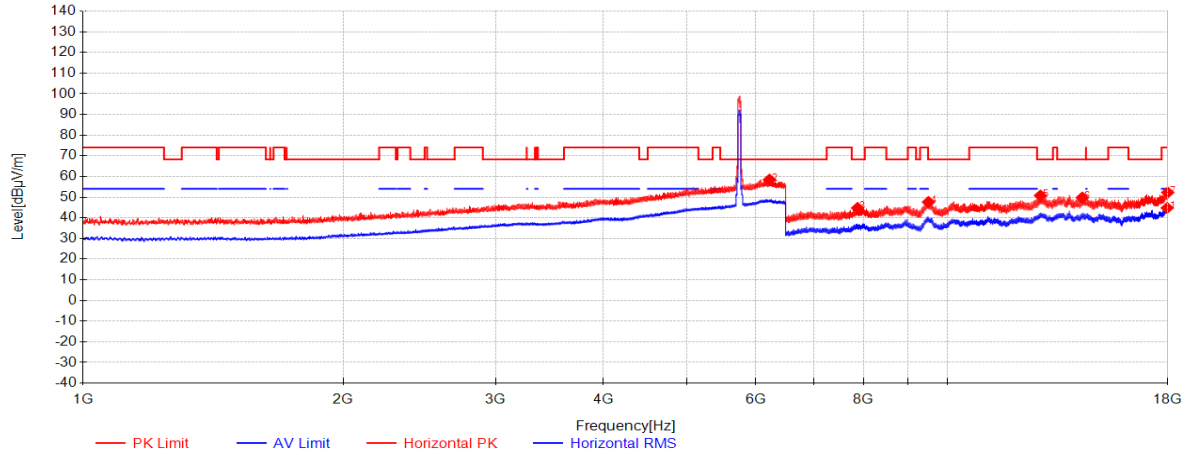
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17957.0667	34.39	41.58	-31.02	44.95	54.00	9.05	Horizontal
2	6131.5	40.21	34.76	-16.72	58.25	68.20	9.95	Horizontal
3	8007.65	49.19	37.31	-41.17	45.33	68.20	22.87	Horizontal
4	9495.75	48.55	38.05	-38.50	48.10	74.00	25.90	Horizontal
5	12847.2333	45.24	39.72	-34.63	50.33	68.20	17.87	Horizontal
6	14966.6833	44.18	39.82	-33.96	50.04	68.20	18.16	Horizontal
7	17958.6	42.58	41.58	-31.01	53.15	74.00	20.85	Horizontal

11ac(VHT40)_TX_CH_134_Vertical



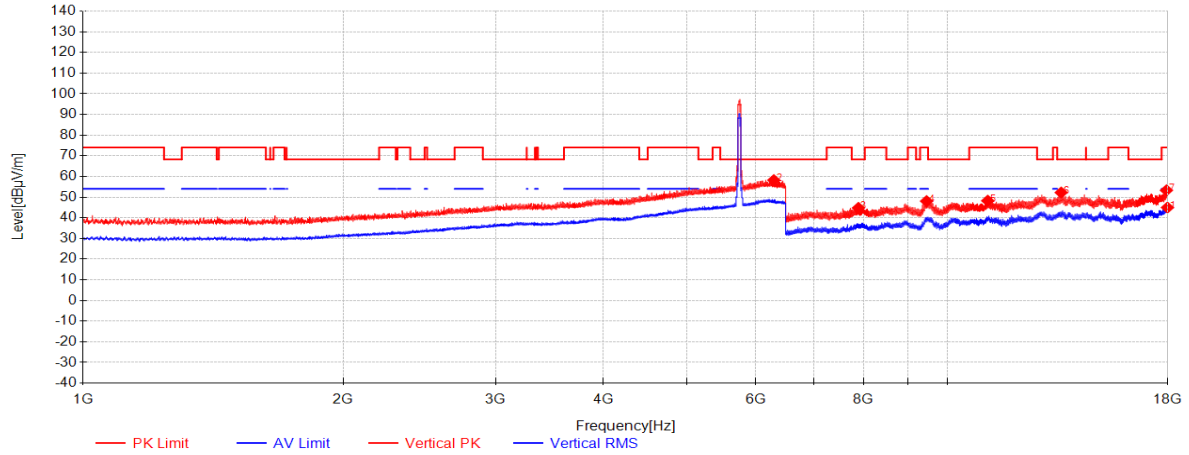
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17905.3167	34.97	41.43	-31.12	45.28	54.00	8.72	Vertical
2	6367.5417	39.22	35.24	-16.73	57.73	68.20	10.47	Vertical
3	7858.5333	48.99	37.02	-41.30	44.71	68.20	23.49	Vertical
4	9501.8833	49.22	38.05	-38.48	48.79	68.20	19.41	Vertical
5	12696.9667	44.55	39.54	-34.47	49.62	74.00	24.38	Vertical
6	14364.4667	45.48	40.18	-34.19	51.47	68.20	16.73	Vertical
7	17947.1	42.65	41.55	-31.04	53.16	74.00	20.84	Vertical

11ac(VHT40)_TX_CH_151_Horizontal



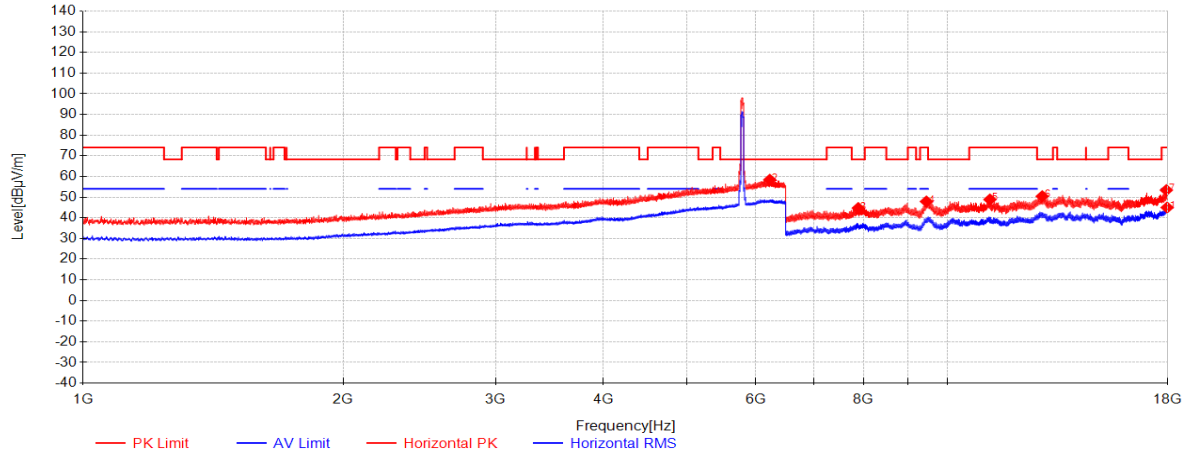
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17964.35	34.17	41.60	-31.00	44.77	54.00	9.23	Horizontal
2	6224.5417	40.40	34.95	-16.87	58.48	68.20	9.72	Horizontal
3	7871.5667	49.09	37.04	-41.36	44.77	68.20	23.43	Horizontal
4	9507.6333	48.03	38.05	-38.47	47.61	68.20	20.59	Horizontal
5	12815.4167	45.81	39.68	-34.73	50.76	68.20	17.44	Horizontal
6	14327.6667	44.21	40.20	-34.64	49.78	68.20	18.42	Horizontal
7	17988.8833	41.52	41.67	-30.95	52.24	74.00	21.76	Horizontal

11ac(VHT40)_TX_CH_151_Vertical



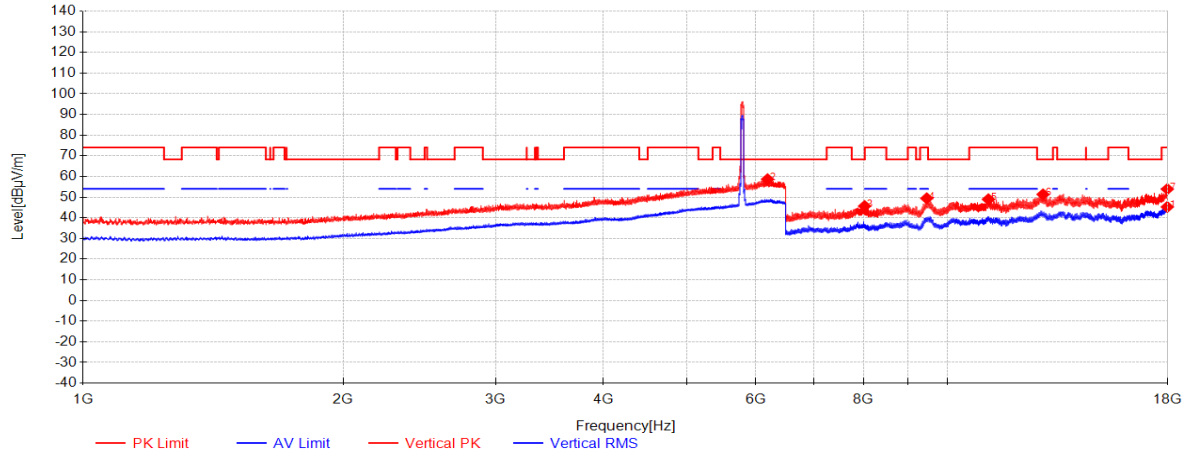
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17976.2333	34.31	41.63	-30.98	44.96	54.00	9.04	Vertical
2	6297.875	40.16	35.10	-17.04	58.22	68.20	9.98	Vertical
3	7889.5833	49.16	37.08	-41.45	44.79	68.20	23.41	Vertical
4	9460.8667	48.55	38.05	-38.54	48.06	74.00	25.94	Vertical
5	11135.65	44.54	39.22	-35.50	48.25	74.00	25.75	Vertical
6	13543.3667	46.71	40.17	-34.67	52.21	68.20	15.99	Vertical
7	17928.7	42.88	41.49	-31.07	53.30	74.00	20.70	Vertical

11ac(VHT40)_TX_CH_159_Horizontal



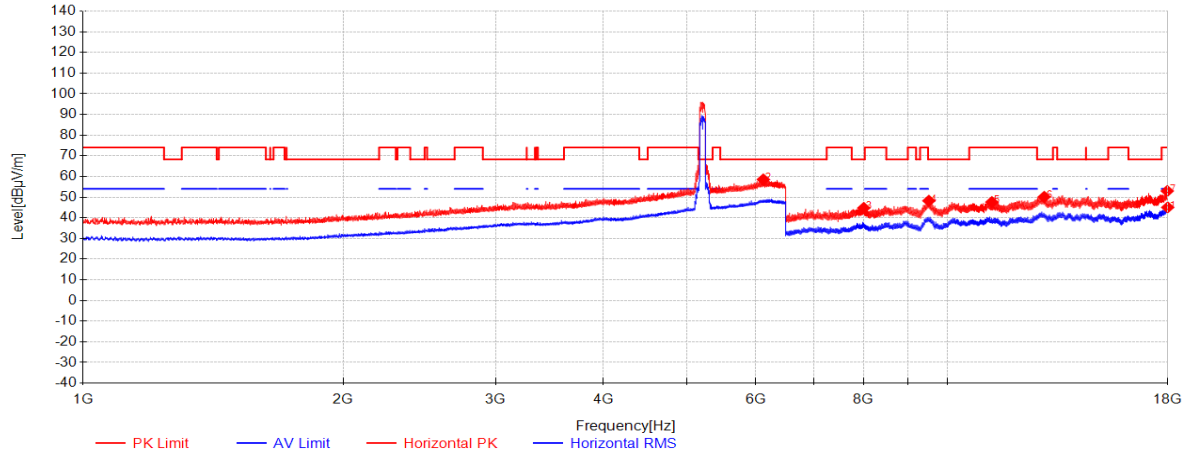
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17960.5167	34.41	41.59	-31.01	44.99	54.00	9.01	Horizontal
2	6230.0417	40.32	34.96	-16.88	58.40	68.20	9.80	Horizontal
3	7886.9	49.07	37.07	-41.44	44.71	68.20	23.49	Horizontal
4	9457.0333	48.38	38.05	-38.55	47.88	74.00	26.12	Horizontal
5	11200.4333	44.72	39.18	-35.06	48.84	74.00	25.16	Horizontal
6	12876.75	45.20	39.75	-34.53	50.42	68.20	17.78	Horizontal
7	17925.6333	42.97	41.48	-31.08	53.38	74.00	20.62	Horizontal

11ac(VHT40)_TX_CH_159_Vertical



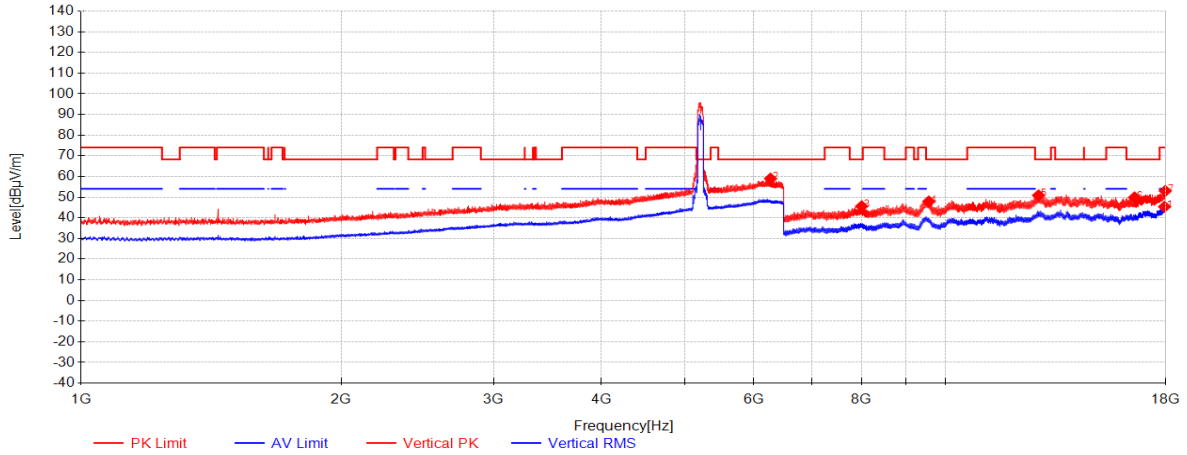
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17969.3333	34.62	41.61	-30.99	45.24	54.00	8.76	Vertical
2	6192.4583	40.56	34.88	-16.80	58.64	68.20	9.56	Vertical
3	8020.6833	49.50	37.31	-41.15	45.67	68.20	22.53	Vertical
4	9465.4667	49.90	38.05	-38.53	49.41	74.00	24.59	Vertical
5	11155.9667	45.10	39.21	-35.36	48.94	74.00	25.06	Vertical
6	12903.9667	46.02	39.78	-34.50	51.31	68.20	16.89	Vertical
7	17968.95	43.26	41.61	-30.99	53.88	74.00	20.12	Vertical

11ac(VHT80)_TX_CH_42_Horizontal



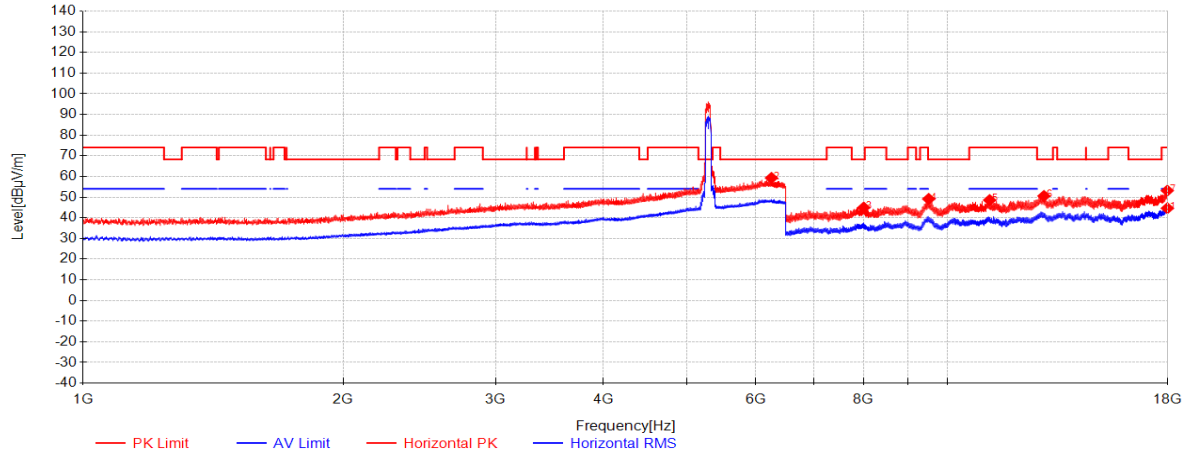
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17987.7333	34.33	41.66	-30.95	45.04	54.00	8.96	Horizontal
2	6123.25	40.50	34.75	-16.71	58.54	68.20	9.66	Horizontal
3	8003.4333	48.62	37.30	-41.17	44.75	68.20	23.45	Horizontal
4	9519.5167	48.63	38.05	-38.44	48.24	68.20	19.96	Horizontal
5	11259.4667	44.09	39.14	-35.63	47.60	74.00	26.40	Horizontal
6	12944.6	45.16	39.83	-34.87	50.12	68.20	18.08	Horizontal
7	17966.2667	42.35	41.60	-31.00	52.95	74.00	21.05	Horizontal

11ac(VHT80)_TX_CH_42_Vertical



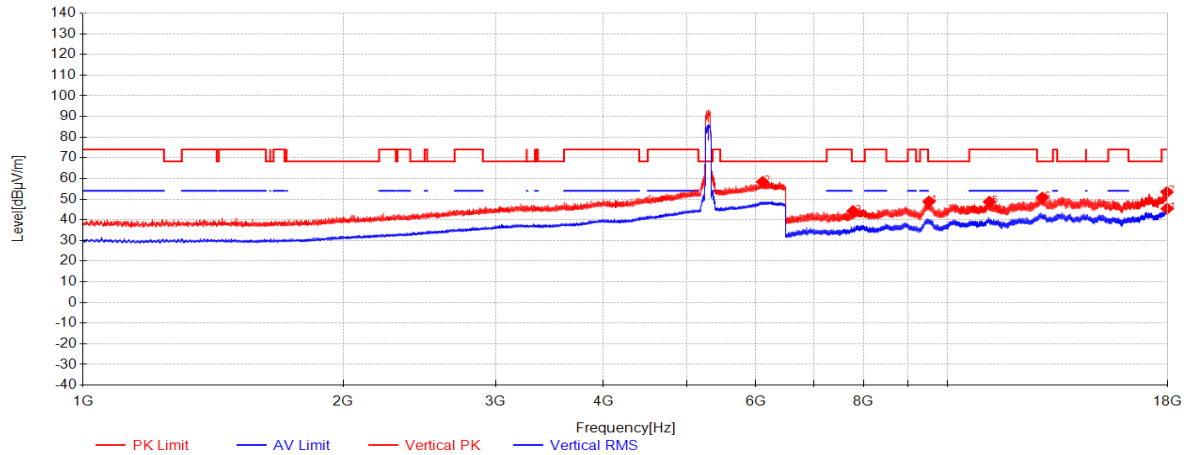
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17932.9167	34.91	41.51	-31.06	45.35	54.00	8.65	Vertical
2	6275.4167	40.88	35.05	-16.98	58.95	68.20	9.25	Vertical
3	8000.75	49.45	37.30	-41.18	45.57	68.20	22.63	Vertical
4	9568.5833	48.14	38.06	-38.30	47.89	68.20	20.31	Vertical
5	12819.25	45.90	39.68	-34.72	50.86	68.20	17.34	Vertical
6	16556.75	44.10	38.45	-32.68	49.86	68.20	18.34	Vertical
7	17965.5	42.40	41.60	-31.00	53.00	74.00	21.00	Vertical

11ac(VHT80)_TX_CH_58_Horizontal



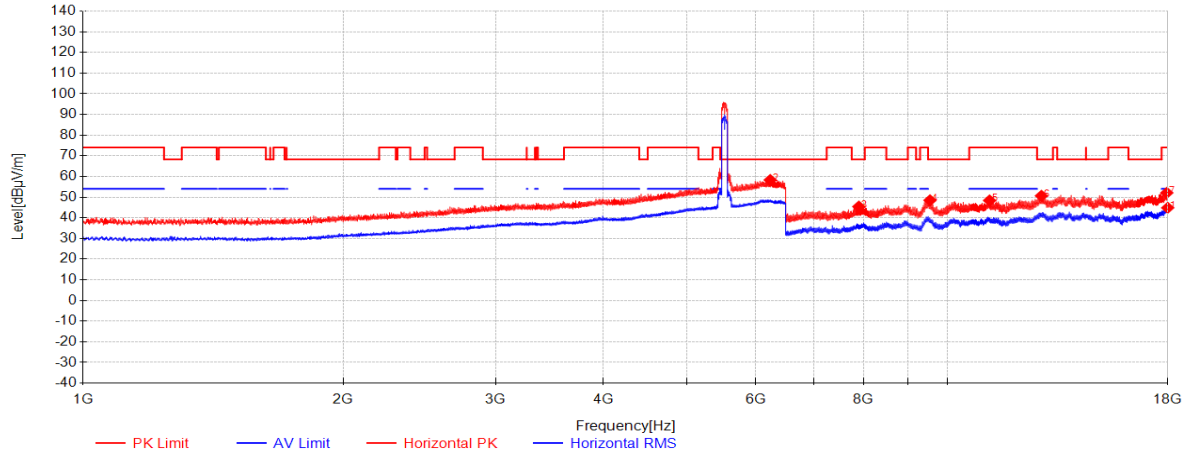
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17971.6333	34.00	41.62	-30.99	44.63	54.00	9.37	Horizontal
2	6257.5417	41.22	35.02	-16.94	59.29	68.20	8.91	Horizontal
3	8001.9	48.80	37.30	-41.18	44.92	68.20	23.28	Horizontal
4	9514.5333	49.51	38.05	-38.45	49.11	68.20	19.09	Horizontal
5	11191.6167	44.50	39.19	-35.12	48.57	74.00	25.43	Horizontal
6	12936.1667	45.52	39.82	-34.80	50.55	68.20	17.65	Horizontal
7	17967.8	42.53	41.61	-30.99	53.14	74.00	20.86	Horizontal

11ac(VHT80)_TX_CH_58_Vertical



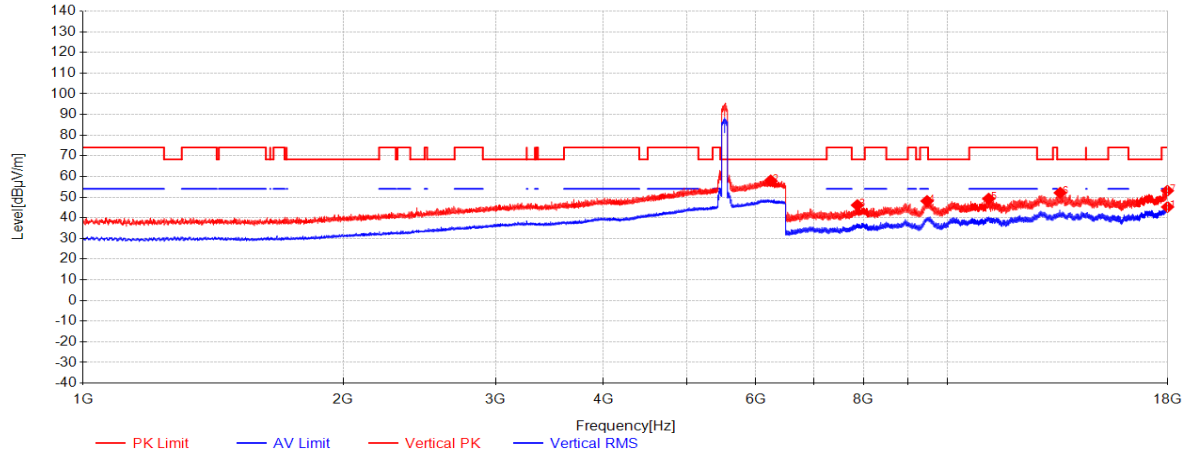
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17965.8833	34.81	41.60	-31.00	45.41	54.00	8.59	Vertical
2	6110.875	40.30	34.72	-16.69	58.33	68.20	9.87	Vertical
3	7776.8833	48.56	36.85	-41.18	44.23	68.20	23.97	Vertical
4	9520.6667	49.19	38.05	-38.43	48.81	68.20	19.39	Vertical
5	11184.7167	44.69	39.19	-35.17	48.71	74.00	25.29	Vertical
6	12877.5167	45.47	39.75	-34.53	50.69	68.20	17.51	Vertical
7	17954.3833	42.84	41.57	-31.02	53.39	74.00	20.61	Vertical

11ac(VHT80)_TX_CH_106_Horizontal



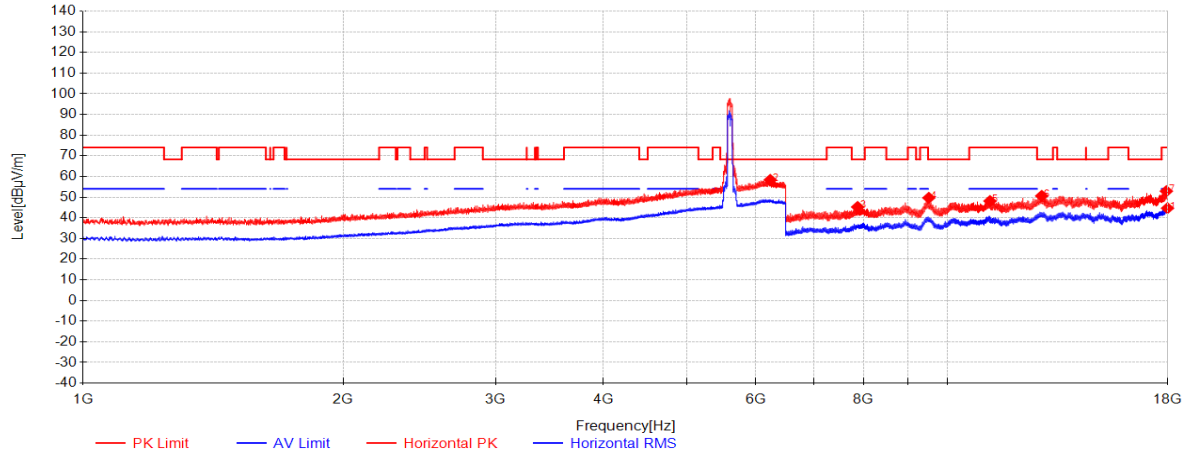
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17988.1167	34.12	41.67	-30.95	44.83	54.00	9.17	Horizontal
2	6237.375	40.22	34.97	-16.90	58.30	68.20	9.90	Horizontal
3	7898.4	49.83	37.10	-41.49	45.43	68.20	22.77	Horizontal
4	9547.8833	48.78	38.05	-38.36	48.47	68.20	19.73	Horizontal
5	11190.0833	44.33	39.19	-35.13	48.39	74.00	25.61	Horizontal
6	12849.9167	45.52	39.72	-34.62	50.62	68.20	17.58	Horizontal
7	17945.95	41.56	41.54	-31.04	52.07	74.00	21.93	Horizontal

11ac(VHT80)_TX_CH_106_Vertical



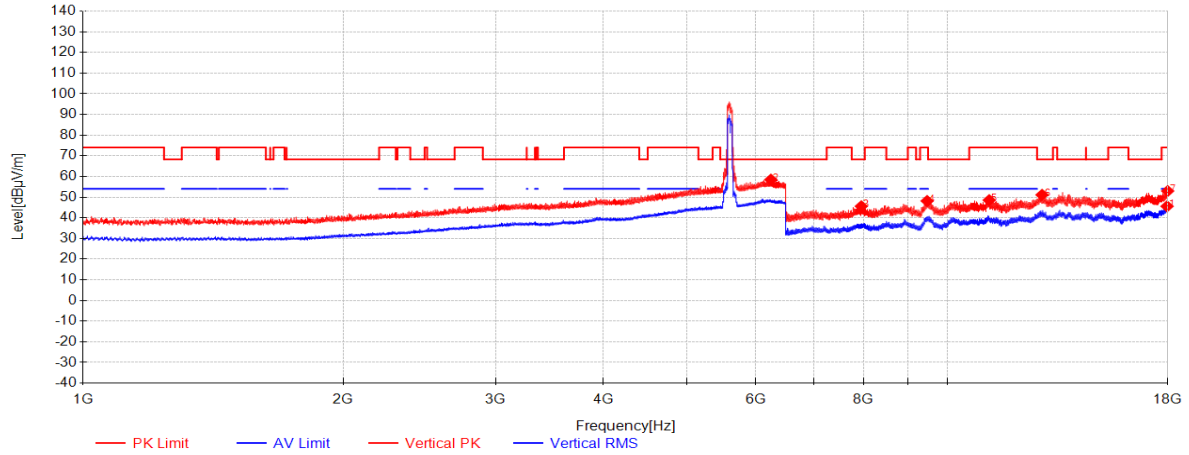
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17981.6	34.56	41.65	-30.97	45.24	54.00	8.76	Vertical
2	6246.0833	39.95	34.99	-16.92	58.03	68.20	10.17	Vertical
3	7868.5	50.42	37.04	-41.35	46.11	68.20	22.09	Vertical
4	9472.75	48.58	38.05	-38.53	48.10	74.00	25.90	Vertical
5	11163.25	45.33	39.20	-35.31	49.22	74.00	24.78	Vertical
6	13509.25	46.99	40.15	-35.05	52.10	68.20	16.10	Vertical
7	17972.4	42.45	41.62	-30.99	53.08	74.00	20.92	Vertical

11ac(VHT80)_TX_CH_122_Horizontal



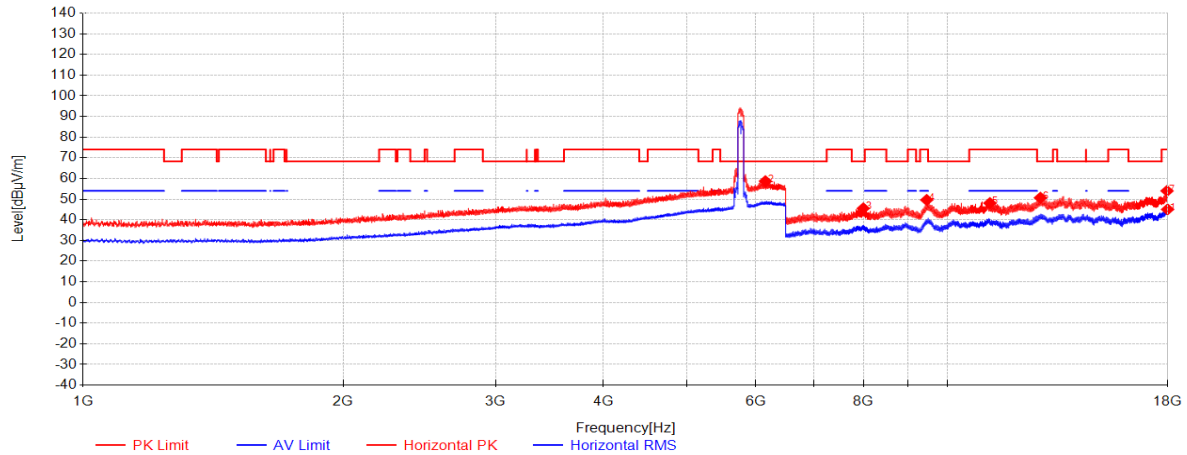
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17978.5333	34.00	41.64	-30.97	44.66	54.00	9.34	Horizontal
2	6237.375	40.26	34.97	-16.90	58.34	68.20	9.86	Horizontal
3	7872.7167	49.56	37.05	-41.37	45.24	68.20	22.96	Horizontal
4	9517.9833	50.05	38.05	-38.44	49.66	68.20	18.54	Horizontal
5	11202.35	43.99	39.18	-35.08	48.09	74.00	25.91	Horizontal
6	12858.7333	45.44	39.73	-34.59	50.58	68.20	17.62	Horizontal
7	17925.25	42.48	41.48	-31.08	52.88	74.00	21.12	Horizontal

11ac(VHT80)_TX_CH_122_Vertical



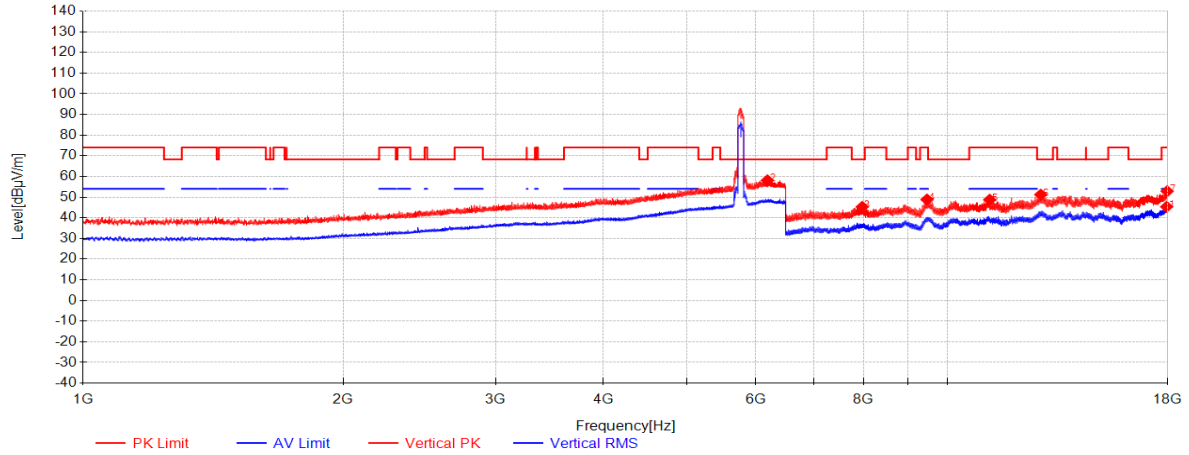
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17958.2167	34.99	41.58	-31.01	45.56	54.00	8.44	Vertical
2	6248.375	40.39	35.00	-16.92	58.47	68.20	9.73	Vertical
3	7950.9167	49.72	37.20	-41.34	45.58	68.20	22.62	Vertical
4	9475.8167	48.61	38.05	-38.52	48.14	74.00	25.86	Vertical
5	11178.5833	44.55	39.19	-35.21	48.54	74.00	25.46	Vertical
6	12870.2333	45.93	39.74	-34.56	51.12	68.20	17.08	Vertical
7	17986.9667	42.25	41.66	-30.96	52.96	74.00	21.04	Vertical

11ac(VHT80)_TX_CH_155_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17981.9833	34.36	41.65	-30.97	45.04	54.00	8.96	Horizontal
2	6157.625	40.61	34.82	-16.75	58.67	68.20	9.53	Horizontal
3	7992.7	49.45	37.29	-41.20	45.53	68.20	22.67	Horizontal
4	9464.3167	50.08	38.05	-38.54	49.59	74.00	24.41	Horizontal
5	11200.4333	43.95	39.18	-35.06	48.07	74.00	25.93	Horizontal
6	12814.65	45.71	39.68	-34.73	50.65	68.20	17.55	Horizontal
7	17956.6833	43.42	41.57	-31.02	53.98	74.00	20.02	Horizontal

11ac(VHT80)_TX_CH_155_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17936.75	34.88	41.52	-31.06	45.34	54.00	8.66	Vertical
2	6191.0833	40.05	34.88	-16.80	58.13	68.20	10.07	Vertical
3	7969.3167	49.32	37.24	-41.28	45.28	68.20	22.92	Vertical
4	9472.75	49.32	38.05	-38.53	48.84	74.00	25.16	Vertical
5	11192.7667	44.67	39.18	-35.11	48.74	74.00	25.26	Vertical
6	12824.2333	46.20	39.69	-34.70	51.19	68.20	17.01	Vertical
7	17960.5167	42.27	41.59	-31.01	52.85	74.00	21.15	Vertical

7.4 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 6.10.5 & 12.7.2

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

Humidity: 43 % RH

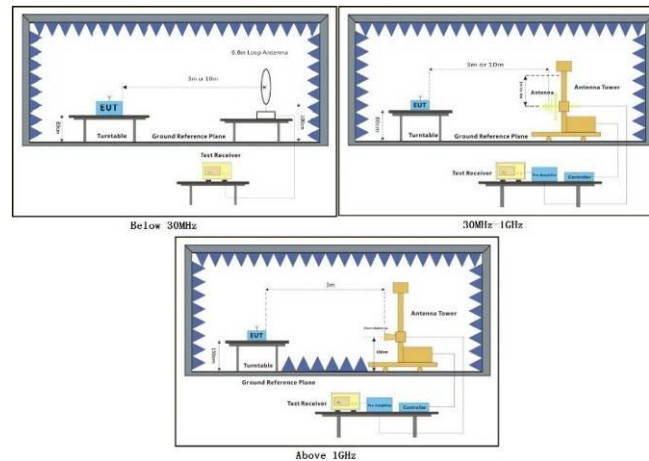
Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan /	Mode	Description
------------	------	-------------

Final test	Code	
Final test	04	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	05	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	06	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	07	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

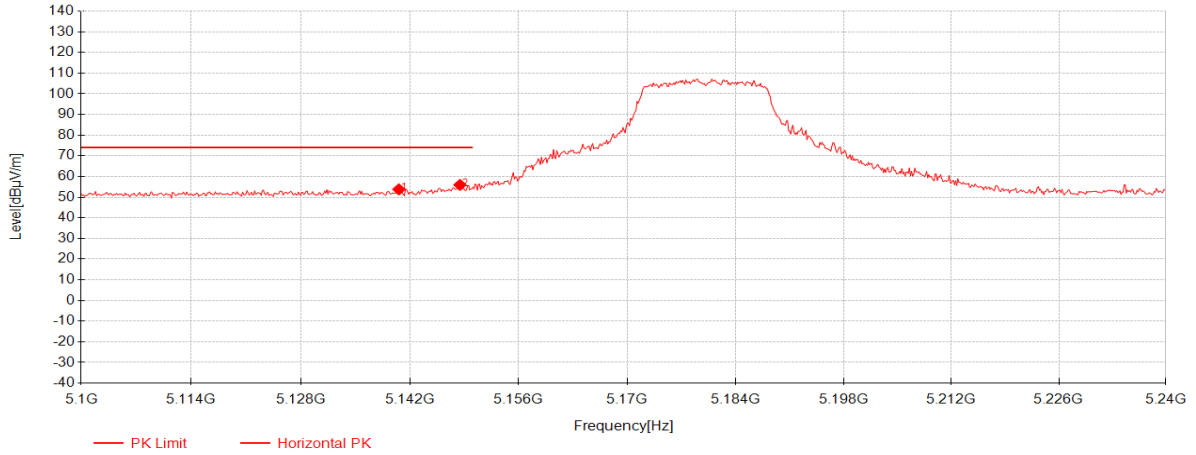
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

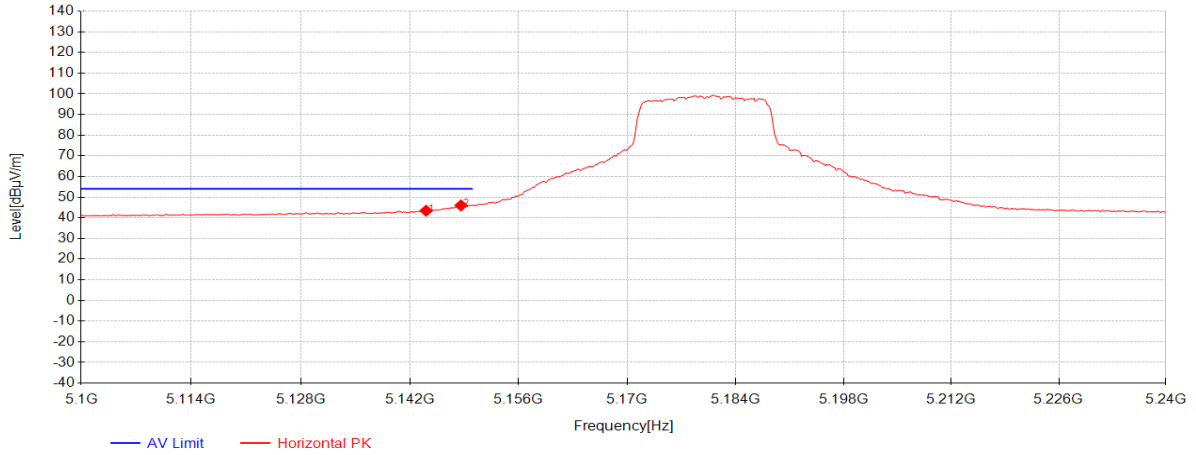
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



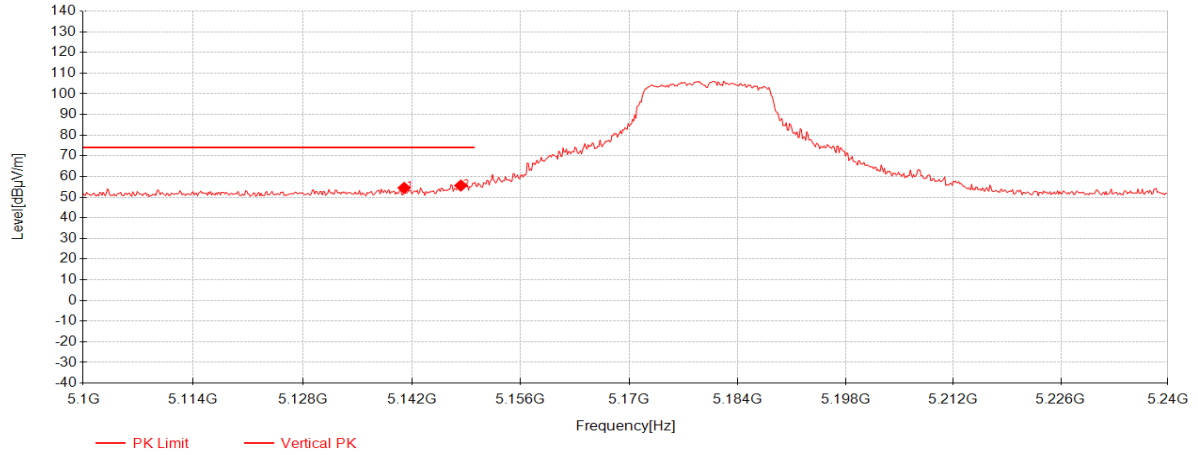
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.6	38.91	33.07	-18.21	53.77	74.00	20.23	Horizontal
2	5148.44	41.04	33.07	-18.18	55.93	74.00	18.07	Horizontal

11a_TX_CH_36_Horizontal_Average



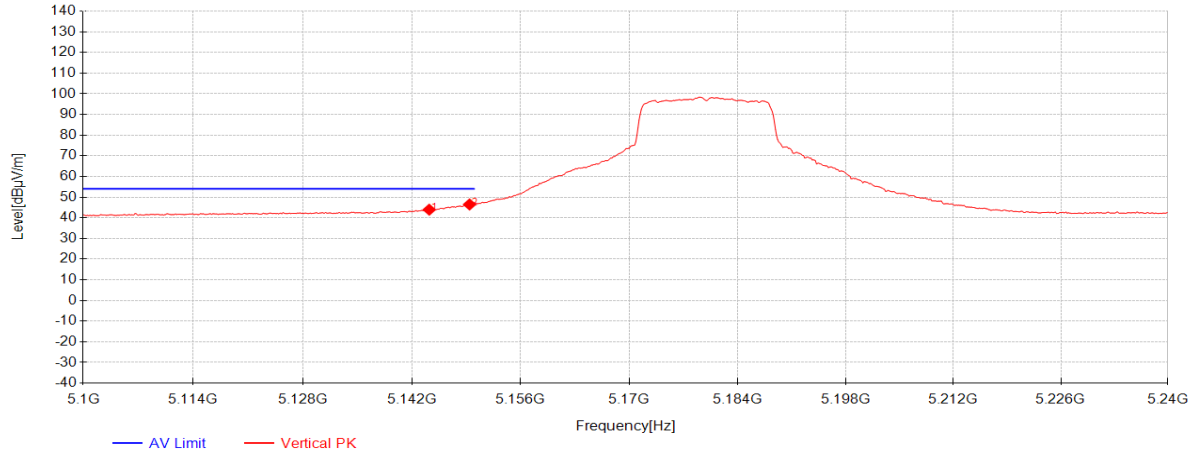
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.1	28.56	33.07	-18.20	43.43	54.00	10.57	Horizontal
2	5148.58	31.08	33.07	-18.18	45.97	54.00	8.03	Horizontal

11a_TX_CH_36_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5141.02	39.61	33.07	-18.21	54.47	74.00	19.53	Vertical
2	5148.3	40.70	33.07	-18.19	55.59	74.00	18.41	Vertical

11a_TX_CH_36_Veritical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.24	29.06	33.07	-18.20	43.93	54.00	10.07	Vertical
2	5149.42	31.55	33.07	-18.18	46.44	54.00	7.56	Vertical