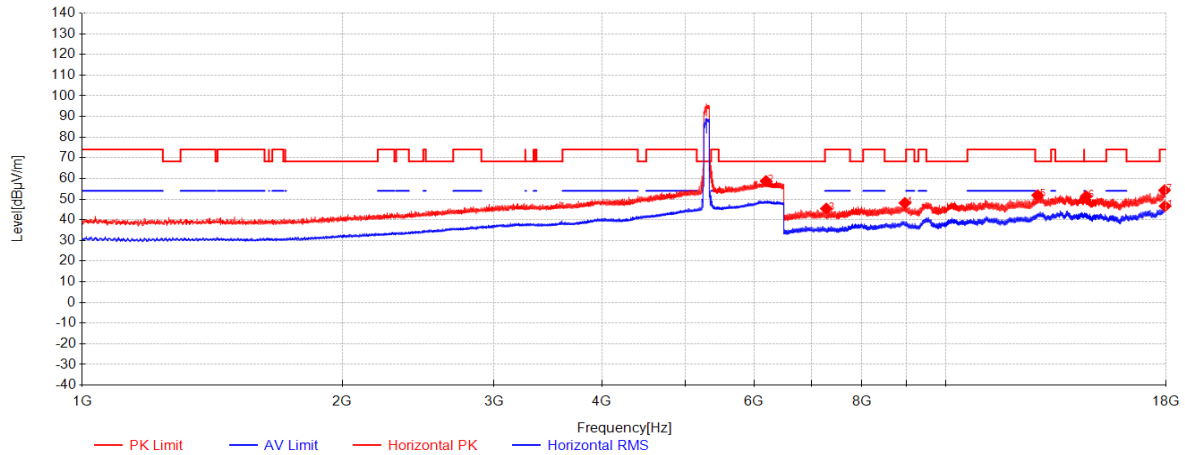
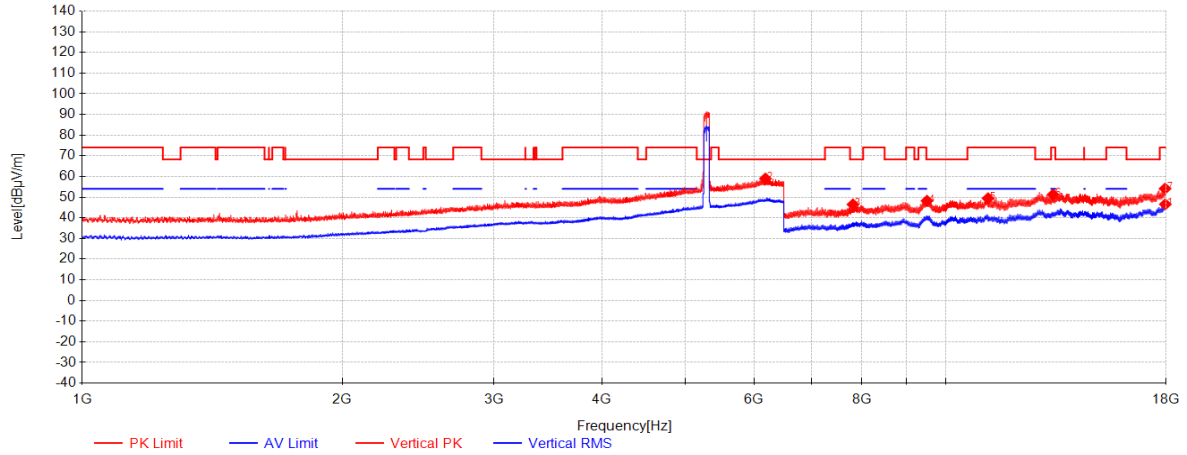


11ac(VHT80)_TX_CH_58_Horizontal



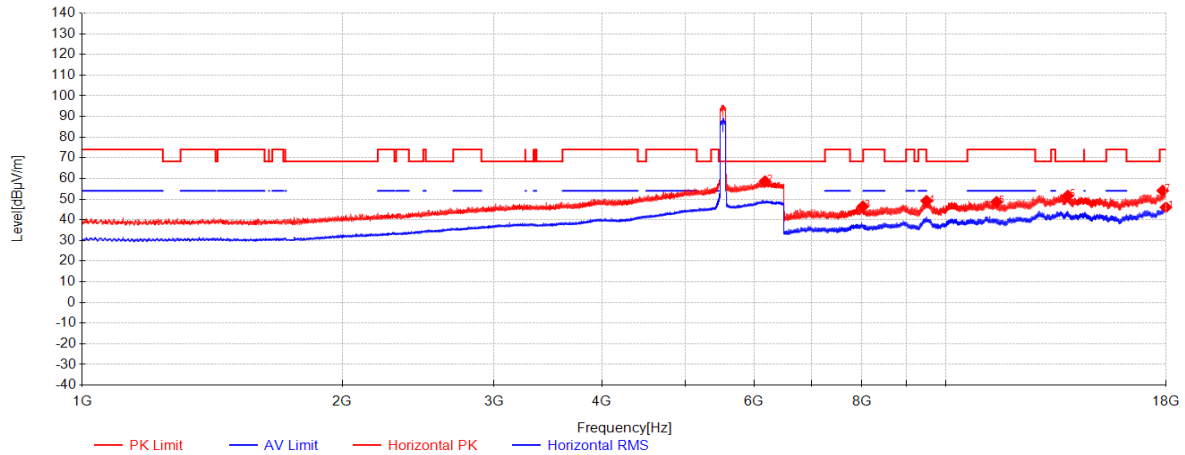
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17955.5333	36.08	41.57	-31.02	46.63	54.00	7.37	Horizontal
2	6193.375	40.65	34.89	-16.80	58.74	68.20	9.46	Horizontal
3	7275.1	51.21	36.30	-42.11	45.40	74.00	28.60	Horizontal
4	8970.2	49.51	37.98	-39.37	48.12	68.20	20.08	Horizontal
5	12782.0667	46.95	39.64	-34.72	51.87	68.20	16.33	Horizontal
6	14548.4667	45.96	40.07	-34.69	51.34	68.20	16.86	Horizontal
7	17929.0833	43.86	41.49	-31.07	54.28	74.00	19.72	Horizontal

11ac(VHT80)_TX_CH_58_Vertical



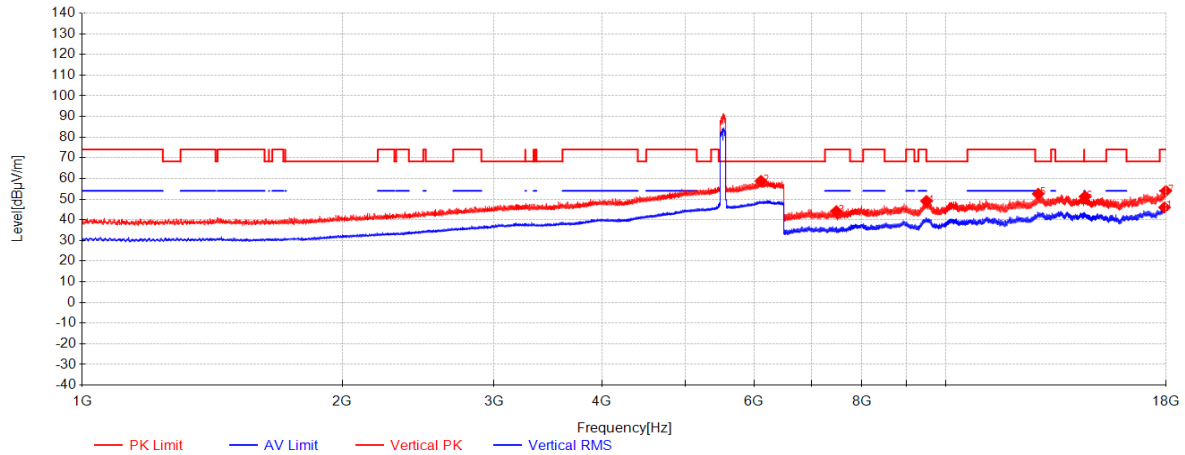
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17966.65	35.94	41.60	-31.00	46.55	54.00	7.45	Vertical
2	6184.2083	40.92	34.87	-16.79	59.00	68.20	9.20	Vertical
3	7809.85	50.61	36.92	-41.07	46.46	68.20	21.74	Vertical
4	9514.9167	48.62	38.05	-38.45	48.22	68.20	19.98	Vertical
5	11198.5167	45.30	39.18	-35.07	49.41	74.00	24.59	Vertical
6	13317.9667	45.74	40.06	-34.58	51.22	74.00	22.78	Vertical
7	17958.2167	43.57	41.58	-31.01	54.14	74.00	19.86	Vertical

11ac(VHT80)_TX_CH_106_Horizontal



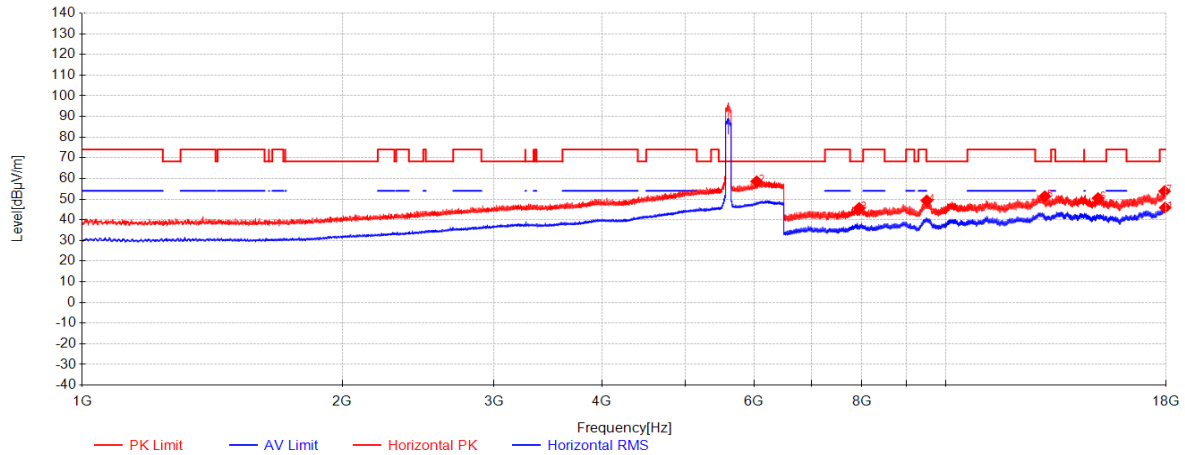
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17994.6333	35.27	41.68	-30.94	46.01	54.00	7.99	Horizontal
2	6176.875	40.54	34.85	-16.78	58.61	68.20	9.59	Horizontal
3	8020.3	50.33	37.31	-41.15	46.49	68.20	21.71	Horizontal
4	9504.95	49.61	38.05	-38.48	49.18	68.20	19.02	Horizontal
5	11456.1167	45.37	39.03	-35.75	48.65	74.00	25.35	Horizontal
6	13850.4167	45.79	40.33	-34.47	51.65	68.20	16.55	Horizontal
7	17841.3	44.45	41.24	-31.59	54.10	74.00	19.90	Horizontal

11ac(VHT80)_TX_CH_106_Vertical



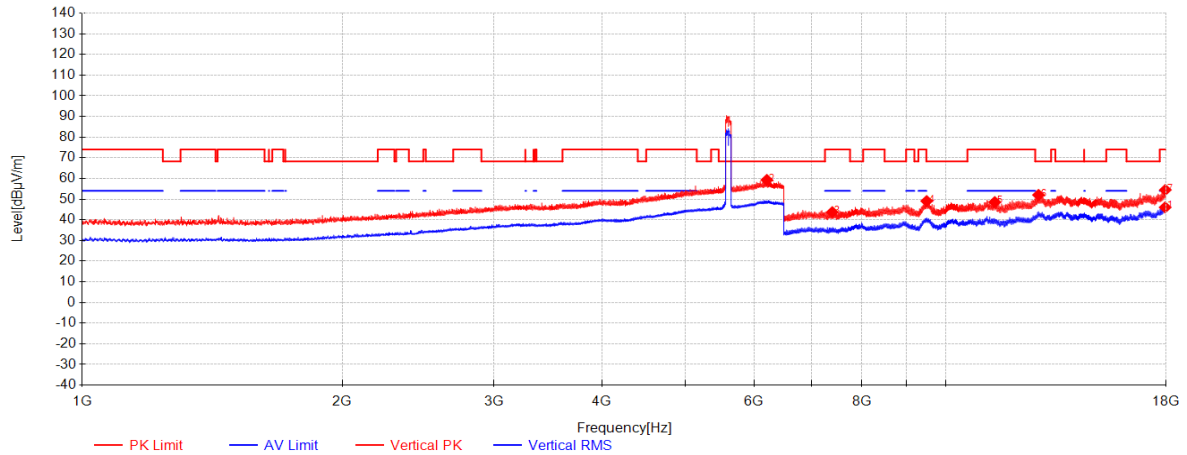
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17929.0833	35.56	41.49	-31.07	45.98	54.00	8.02	Vertical
2	6111.3333	40.78	34.72	-16.69	58.81	68.20	9.39	Vertical
3	7472.1333	49.90	36.30	-42.04	44.16	74.00	29.84	Vertical
4	9502.2667	49.53	38.05	-38.48	49.10	68.20	19.10	Vertical
5	12801.2333	47.68	39.66	-34.78	52.57	68.20	15.63	Vertical
6	14500.55	45.92	40.10	-34.82	51.20	68.20	17.00	Vertical
7	17994.25	43.26	41.68	-30.94	54.00	74.00	20.00	Vertical

11ac(VHT80)_TX_CH_122_Horizontal



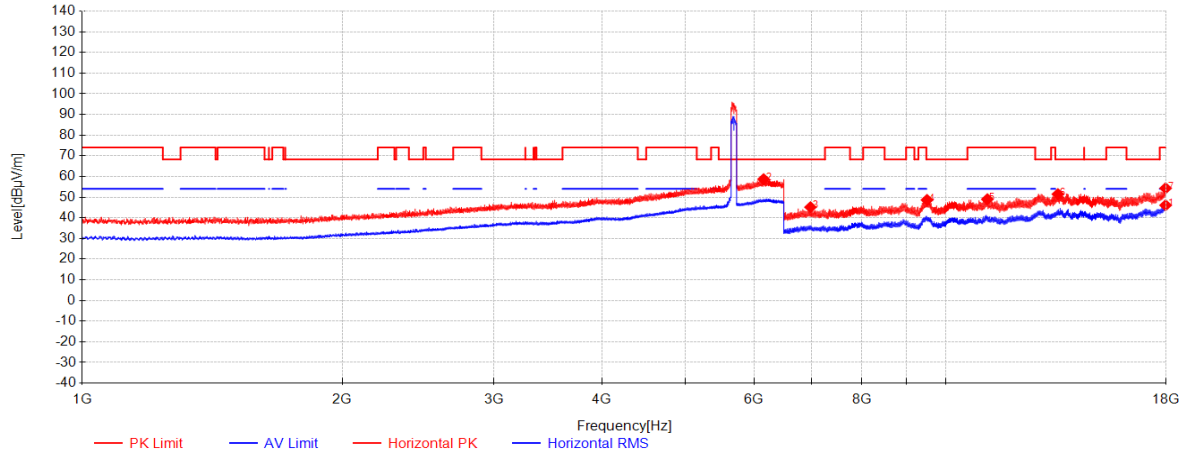
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17959.75	35.33	41.58	-31.01	45.90	54.00	8.10	Horizontal
2	6042.125	40.92	34.58	-16.93	58.57	68.20	9.63	Horizontal
3	7941.7167	49.87	37.18	-41.37	45.69	68.20	22.51	Horizontal
4	9509.9333	49.73	38.05	-38.46	49.32	68.20	18.88	Horizontal
5	13028.9333	46.69	39.91	-35.28	51.32	68.20	16.88	Horizontal
6	15016.9	44.92	39.77	-34.24	50.45	68.20	17.75	Horizontal
7	17931	43.39	41.50	-31.07	53.82	74.00	20.18	Horizontal

11ac(VHT80)_TX_CH_122_Vertical



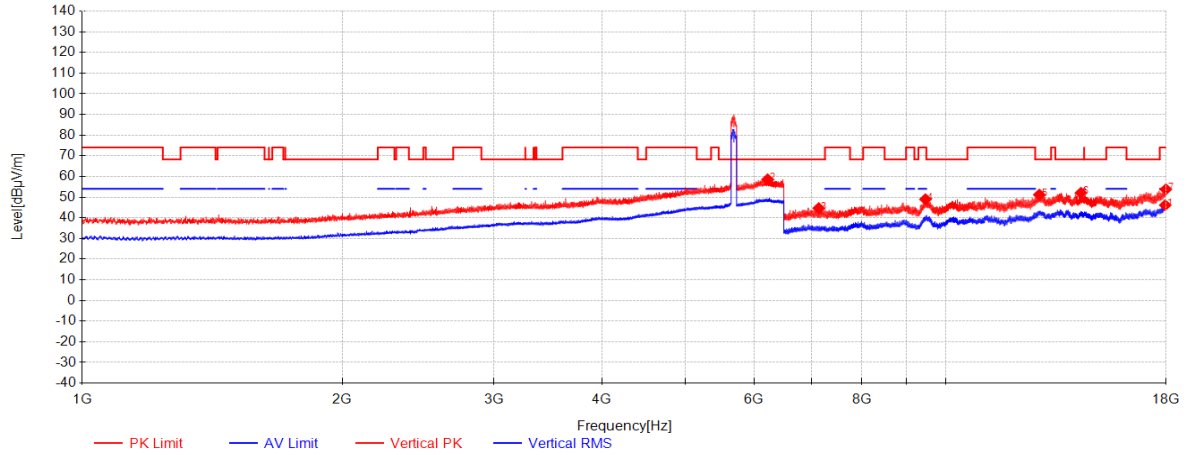
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17958.6	35.44	41.58	-31.01	46.01	54.00	7.99	Vertical
2	6207.5833	41.19	34.92	-16.83	59.28	68.20	8.92	Vertical
3	7392.4	49.46	36.30	-42.04	43.72	74.00	30.28	Vertical
4	9508.0167	49.48	38.05	-38.47	49.06	68.20	19.14	Vertical
5	11400.5333	45.11	39.06	-35.61	48.56	74.00	25.44	Vertical
6	12811.5833	47.07	39.67	-34.74	52.00	68.20	16.20	Vertical
7	17968.1833	43.85	41.61	-30.99	54.46	74.00	19.54	Vertical

11ac(VHT80)_TX_CH_138_Horizontal



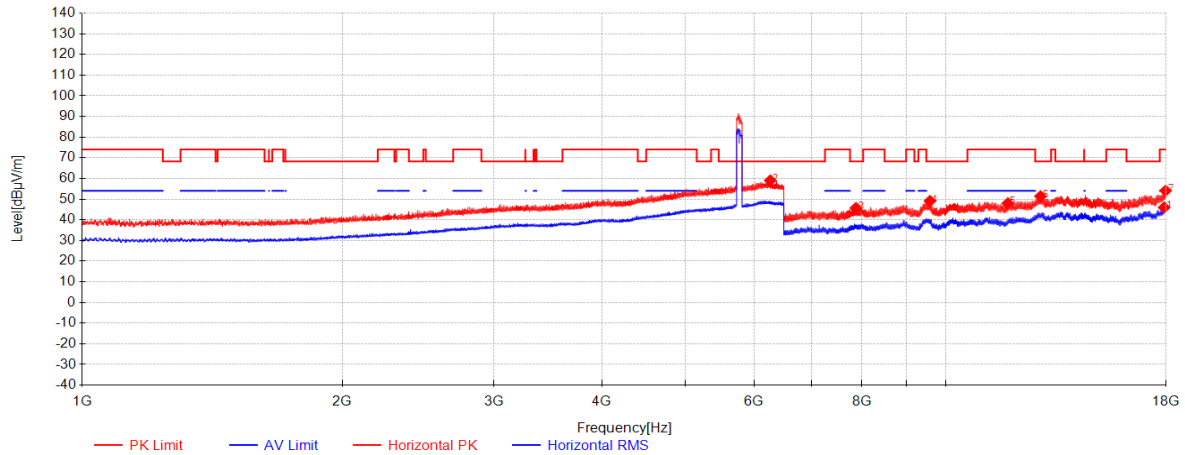
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17979.6833	35.40	41.64	-30.97	46.07	54.00	7.93	Horizontal
2	6155.3333	40.61	34.81	-16.75	58.67	68.20	9.53	Horizontal
3	6974.5667	51.49	36.26	-42.63	45.12	68.20	23.08	Horizontal
4	9516.45	49.03	38.05	-38.45	48.64	68.20	19.56	Horizontal
5	11177.4333	44.99	39.19	-35.22	48.97	74.00	25.03	Horizontal
6	13492.3833	46.39	40.15	-35.10	51.44	68.20	16.76	Horizontal
7	17980.0667	43.63	41.64	-30.97	54.30	74.00	19.70	Horizontal

11ac(VHT80)_TX_CH_138_Vertical



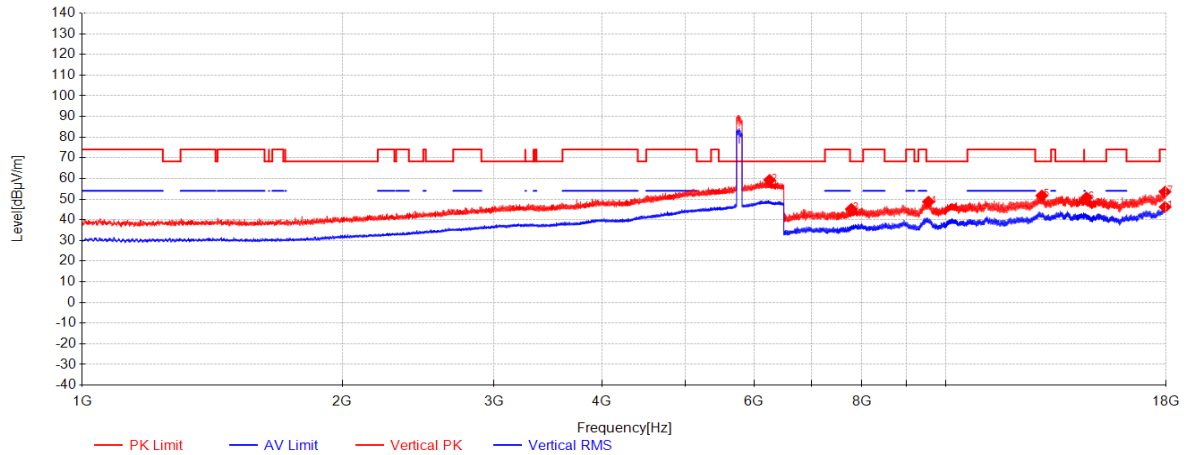
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17962.4333	35.52	41.59	-31.01	46.11	54.00	7.89	Vertical
2	6220.875	40.49	34.94	-16.86	58.57	68.20	9.63	Vertical
3	7129.05	50.67	36.30	-42.35	44.62	68.20	23.58	Vertical
4	9477.7333	49.42	38.05	-38.52	48.95	74.00	25.05	Vertical
5	12839.95	46.13	39.71	-34.65	51.19	68.20	17.01	Vertical
6	14346.8333	46.25	40.19	-34.40	52.04	68.20	16.16	Vertical
7	17992.3333	43.05	41.68	-30.95	53.78	74.00	20.22	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	17910.3	35.63	41.44	-31.11	45.96	54.00	8.04	Horizontal
2	6264.4167	40.99	35.03	-16.96	59.06	68.20	9.14	Horizontal
3	7873.1	50.08	37.05	-41.37	45.76	68.20	22.44	Horizontal
4	9590.4333	49.32	38.06	-38.25	49.13	68.20	19.07	Horizontal
5	11804.5667	45.03	38.82	-35.83	48.02	74.00	25.98	Horizontal
6	12877.9	46.16	39.75	-34.53	51.38	68.20	16.82	Horizontal
7	17981.6	43.43	41.65	-30.97	54.11	74.00	19.89	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	17955.15	35.65	41.57	-31.02	46.20	54.00	7.80	Vertical
2	6253.4167	41.16	35.01	-16.93	59.23	68.20	8.97	Vertical
3	7776.8833	49.55	36.85	-41.18	45.22	68.20	22.98	Vertical
4	9552.8667	49.00	38.06	-38.35	48.71	68.20	19.49	Vertical
5	12925.05	46.55	39.81	-34.69	51.67	68.20	16.53	Vertical
6	14560.7333	45.35	40.06	-34.66	50.76	68.20	17.44	Vertical
7	17950.1667	43.00	41.56	-31.03	53.53	74.00	20.47	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

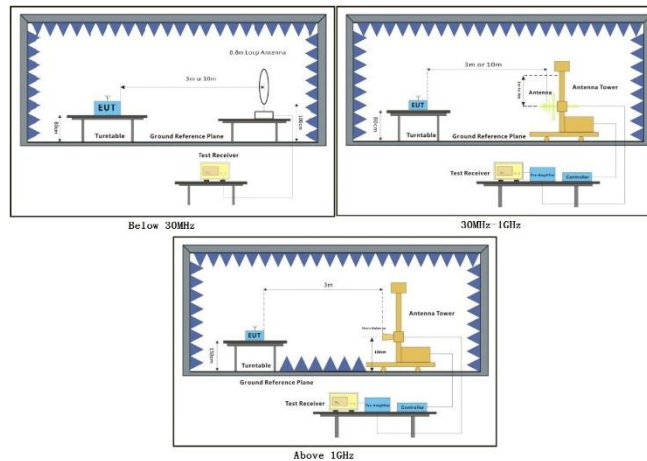
Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan /	Mode	Description
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Final test	Code	
Final test	05	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	06	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	07	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	08	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

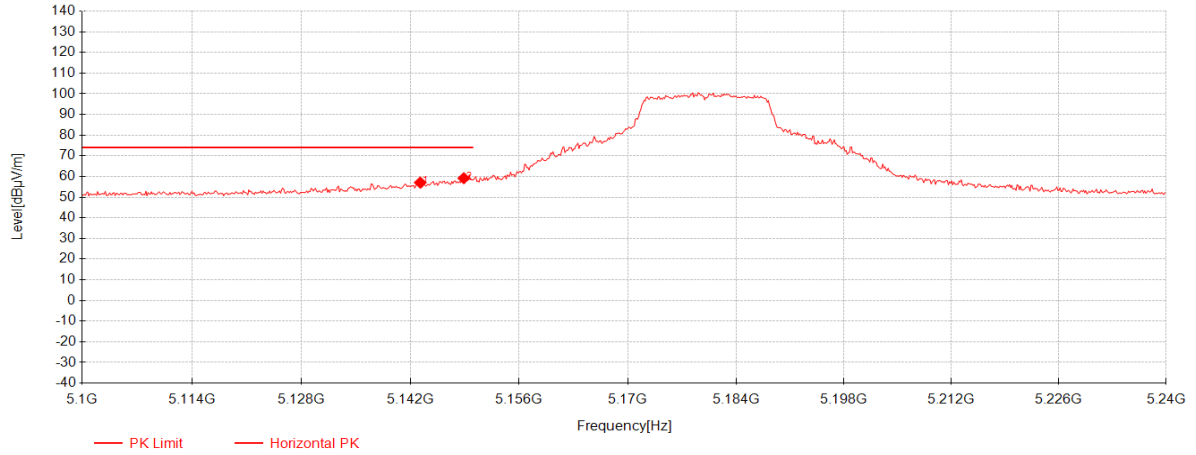
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 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.

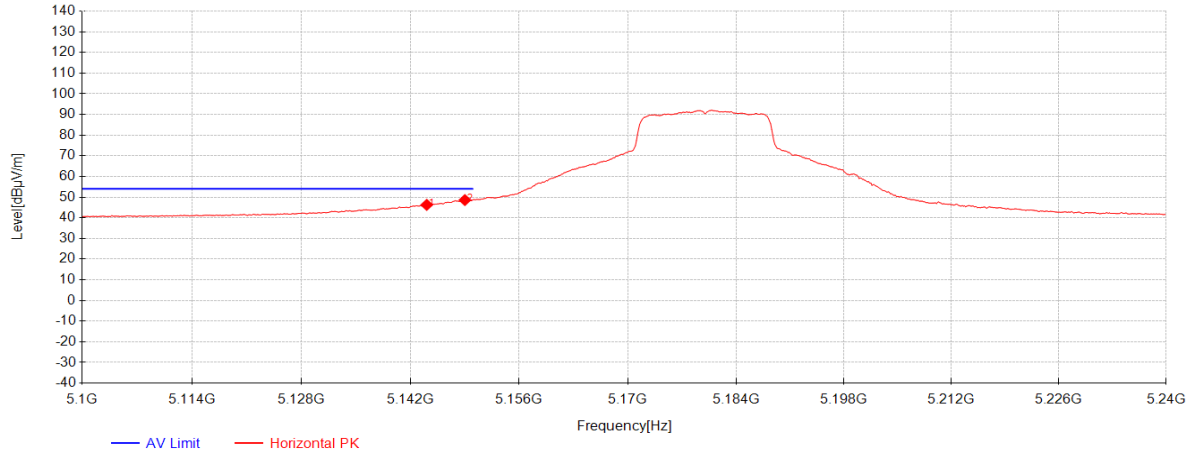
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



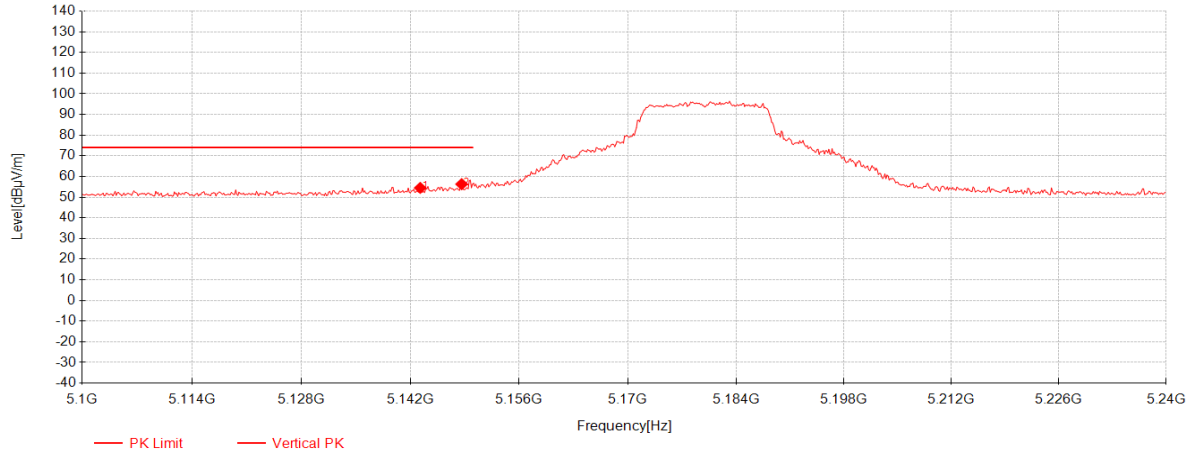
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.26	42.17	33.07	-18.20	57.04	74.00	16.96	Horizontal
2	5148.86	44.26	33.07	-18.18	59.15	74.00	14.85	Horizontal

11a_TX_CH_36_Horizontal_Average



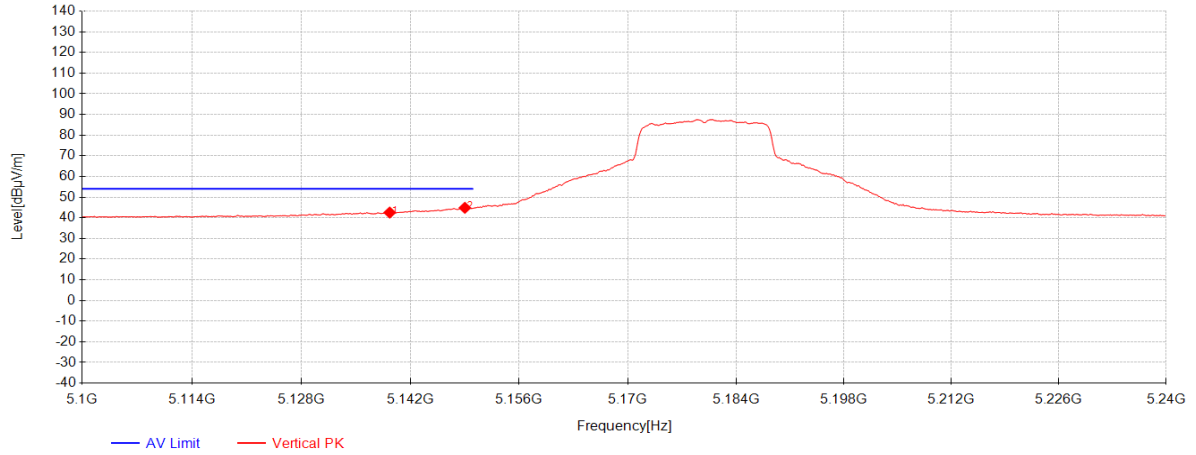
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.1	31.40	33.07	-18.20	46.27	54.00	7.73	Horizontal
2	5149	33.69	33.07	-18.18	48.58	54.00	5.42	Horizontal

11a_TX_CH_36_Vertical_Peak



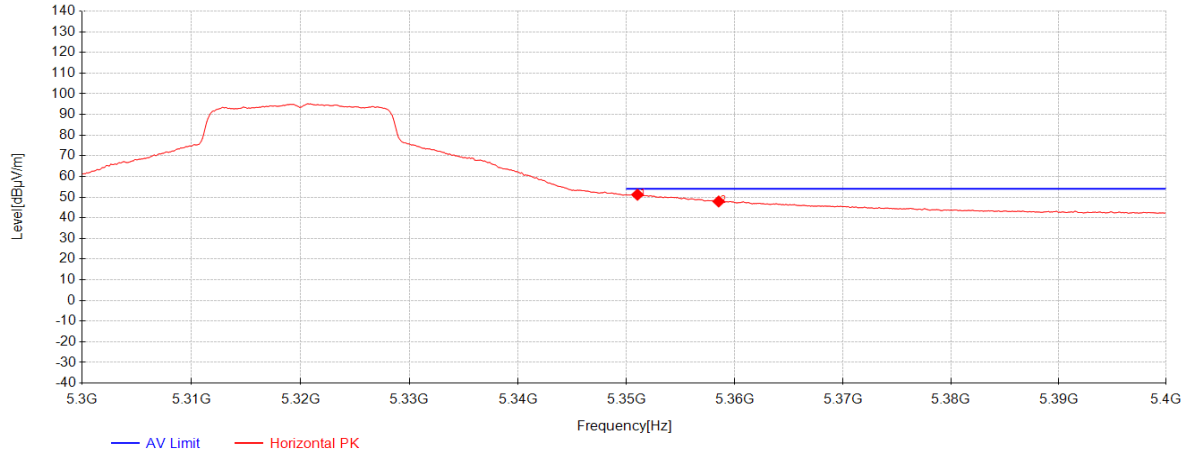
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.26	39.61	33.07	-18.20	54.48	74.00	19.52	Vertical
2	5148.58	41.39	33.07	-18.18	56.28	74.00	17.72	Vertical

11a_TX_CH_36_Veritical_Average



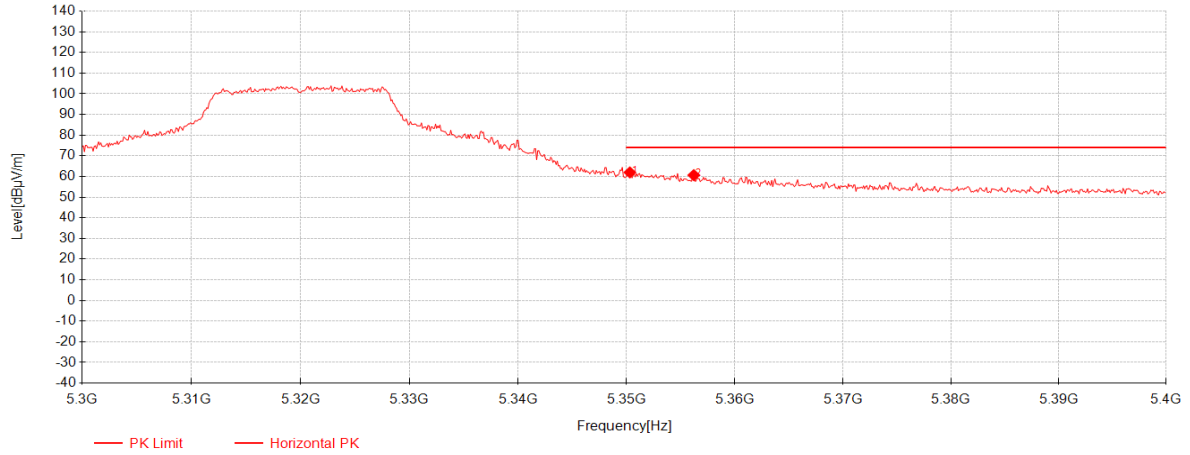
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5139.34	27.66	33.07	-18.21	42.52	54.00	11.48	Vertical
2	5149	29.93	33.07	-18.18	44.82	54.00	9.18	Vertical

11a_TX_CH_64_Horizontal_Peak



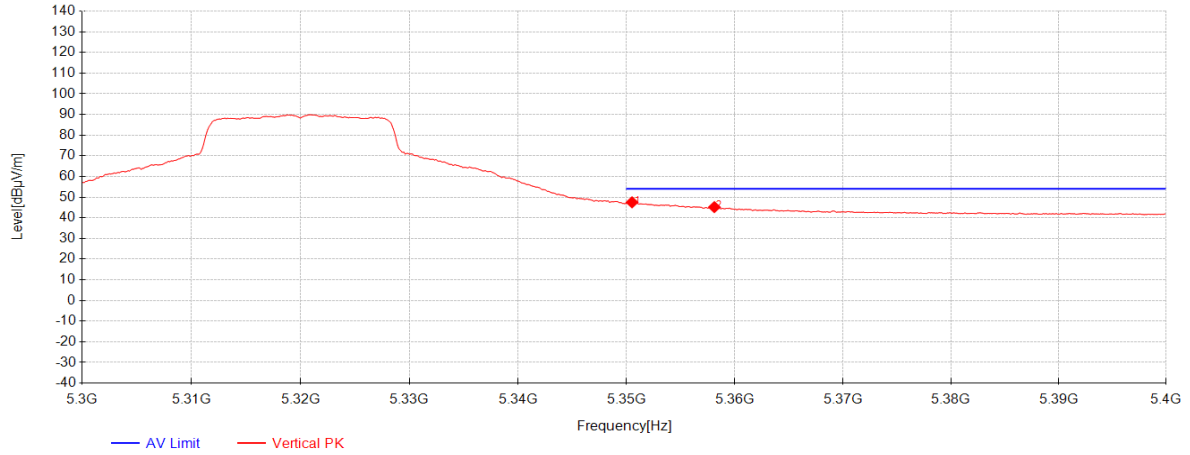
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351	35.89	33.03	-17.75	51.17	54.00	2.83	Horizontal
2	5358.5	32.63	33.03	-17.76	47.90	54.00	6.10	Horizontal

11a_TX_CH_64_Horizontal_Average



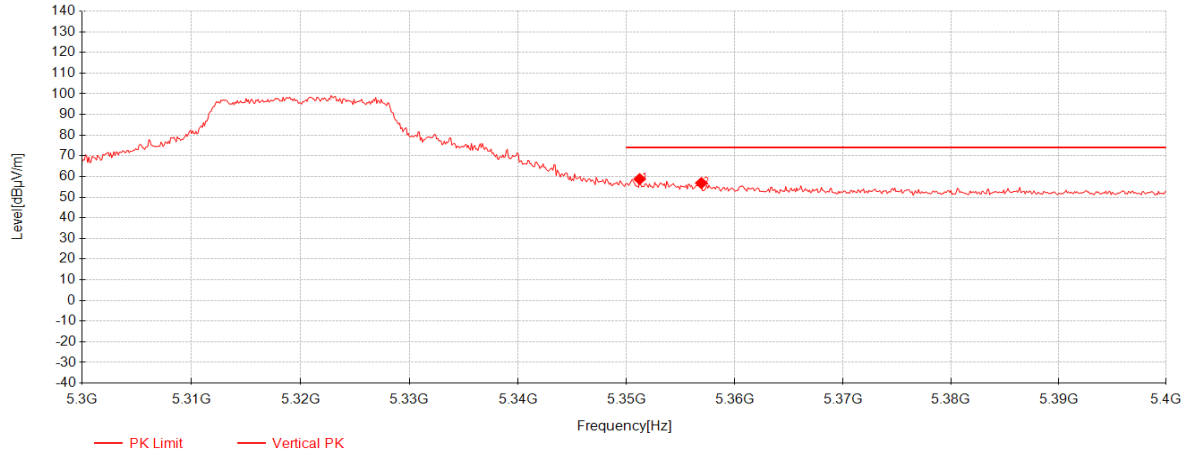
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.3	46.68	33.03	-17.75	61.96	74.00	12.04	Horizontal
2	5356.2	45.37	33.03	-17.76	60.64	74.00	13.36	Horizontal

11a_TX_CH_64_Vertical_Peak



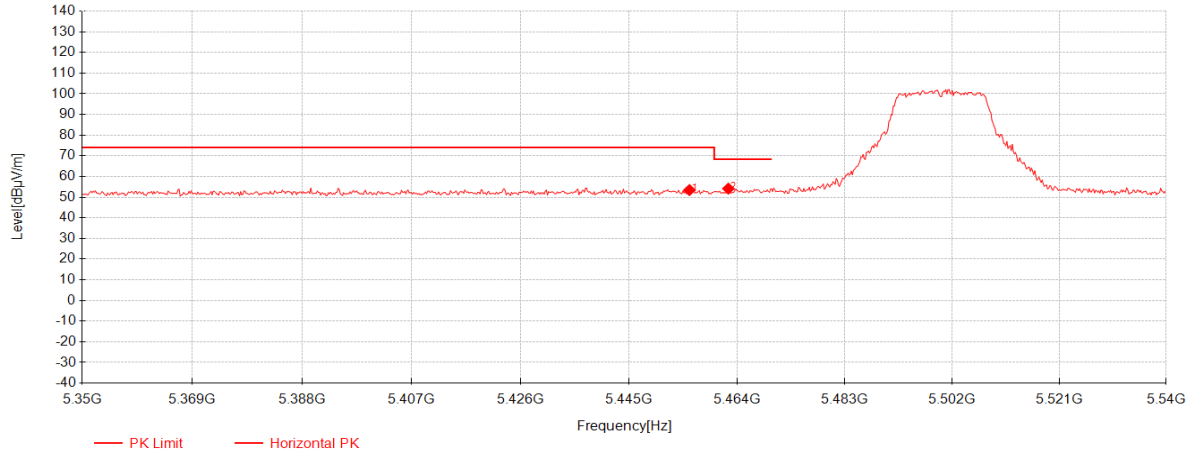
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.5	32.21	33.03	-17.75	47.49	54.00	6.51	Vertical
2	5358.1	29.90	33.03	-17.76	45.17	54.00	8.83	Vertical

11a_TX_CH_64_Veritical_Average



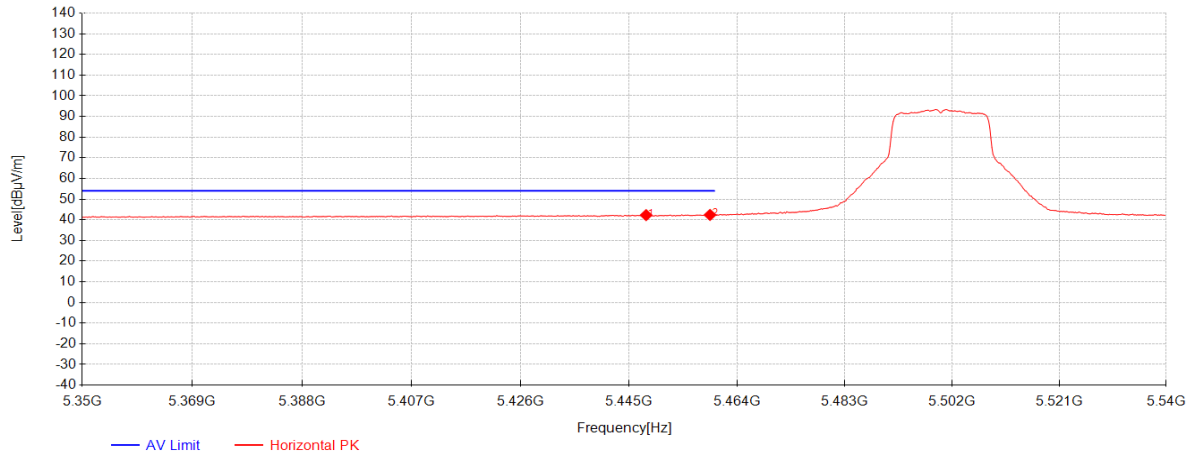
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.2	43.47	33.03	-17.75	58.75	74.00	15.25	Vertical
2	5356.9	41.54	33.03	-17.76	56.81	74.00	17.19	Vertical

11a_TX_CH_100_Horizontal_Peak



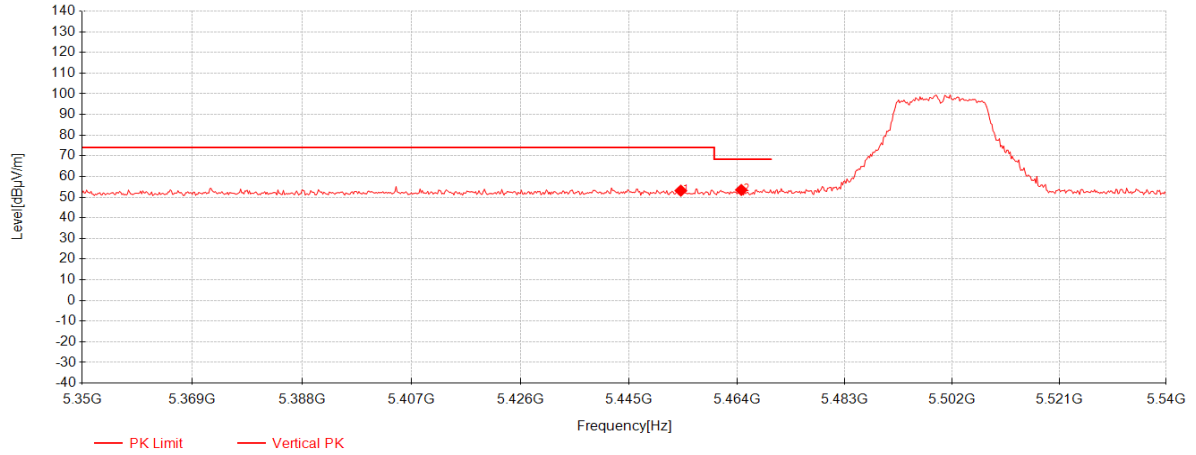
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5455.64	38.07	33.01	-17.65	53.43	74.00	20.57	Horizontal
2	5462.48	38.74	33.01	-17.63	54.11	68.30	14.19	Horizontal

11a_TX_CH_100_Horizontal_Average



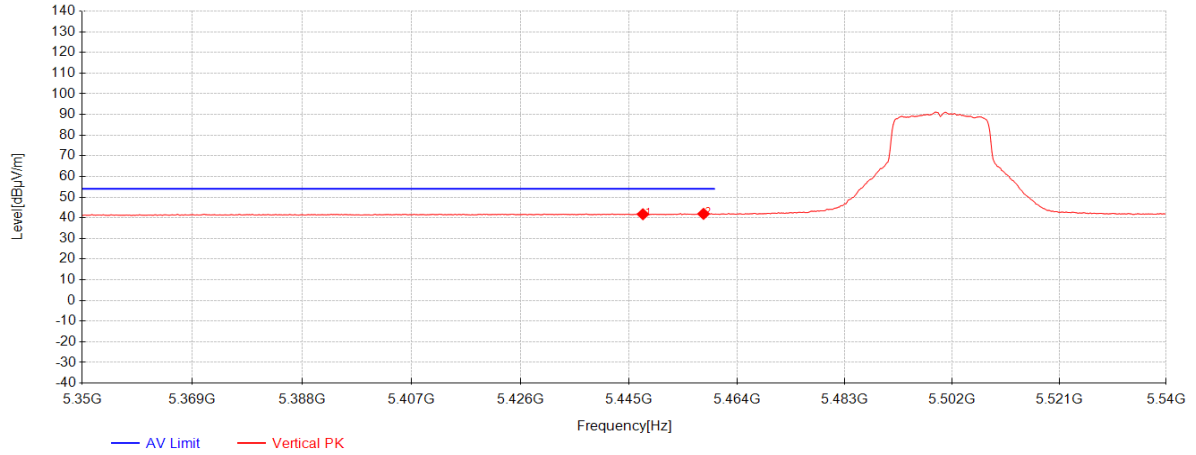
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5448.04	26.93	33.01	-17.68	42.26	54.00	11.74	Horizontal
2	5459.25	26.99	33.01	-17.64	42.36	54.00	11.64	Horizontal

11a_TX_CH_100_Vertical_Peak



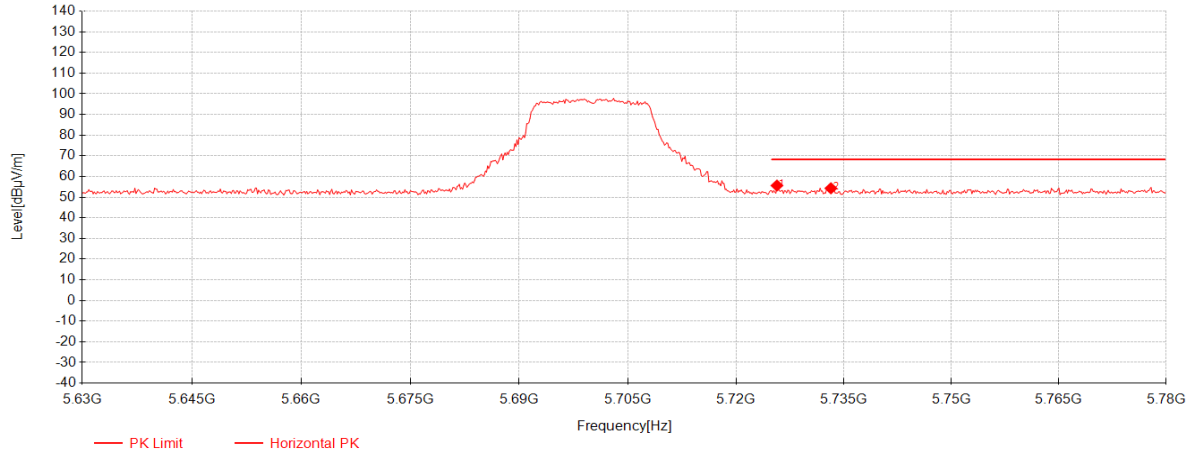
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.12	37.78	33.01	-17.66	53.13	74.00	20.87	Vertical
2	5464.76	38.09	33.01	-17.63	53.47	68.30	14.83	Vertical

11a_TX_CH_100_Vertical_Average



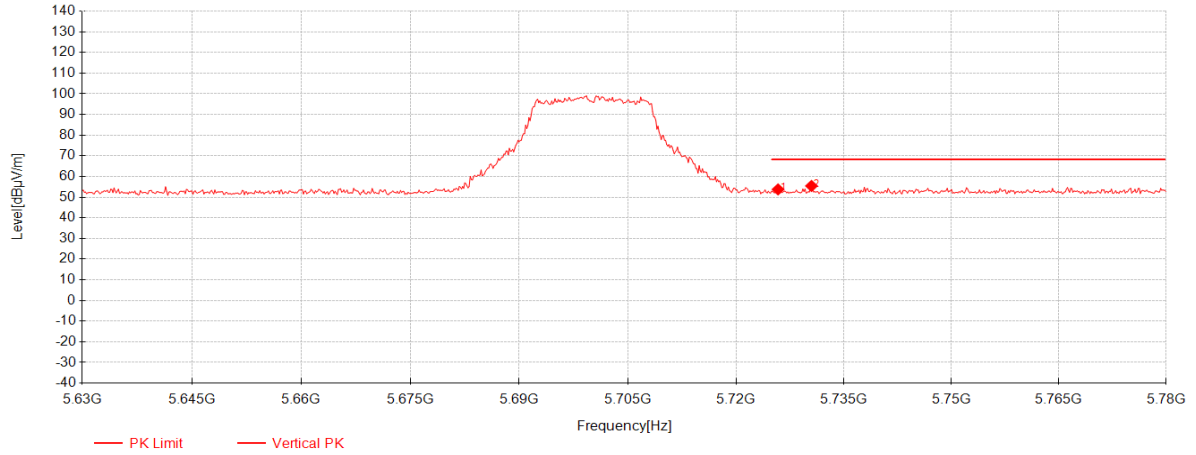
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5447.47	26.39	33.01	-17.68	41.72	54.00	12.28	Vertical
2	5458.11	26.55	33.01	-17.65	41.91	54.00	12.09	Vertical

11a_TX_CH_140_Horizontal_Peak



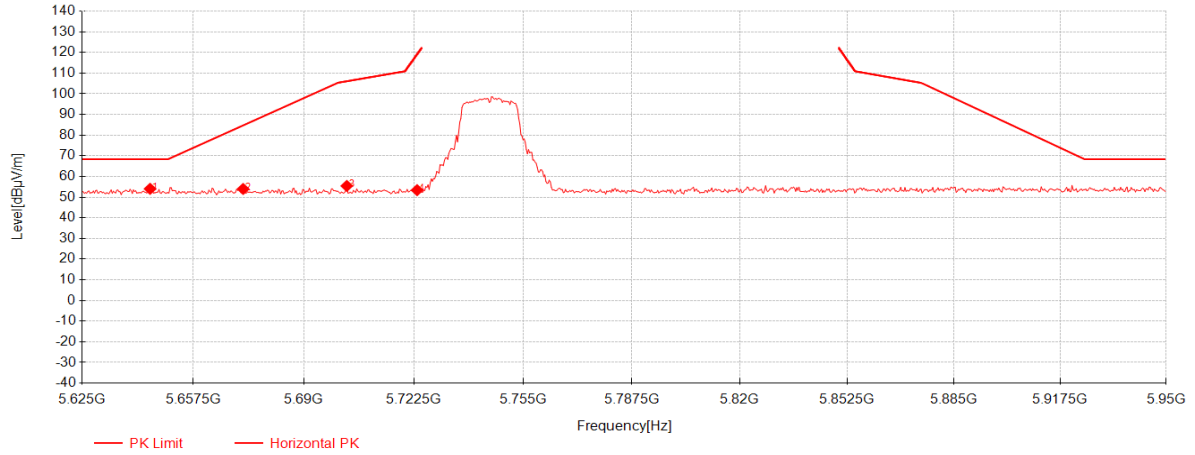
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.7	39.18	33.68	-17.25	55.61	68.20	12.59	Horizontal
2	5733.2	37.81	33.70	-17.23	54.28	68.20	13.92	Horizontal

11a_TX_CH_140_Vertical_Peak



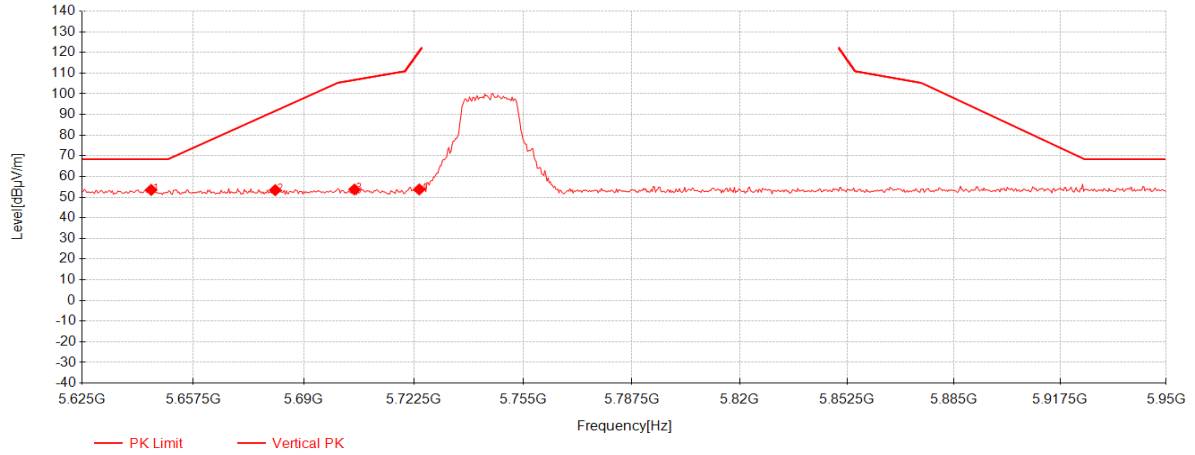
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.85	37.31	33.68	-17.25	53.74	68.20	14.46	Vertical
2	5730.5	38.95	33.69	-17.24	55.41	68.20	12.79	Vertical

11a_TX_CH_149_Horizontal_Peak



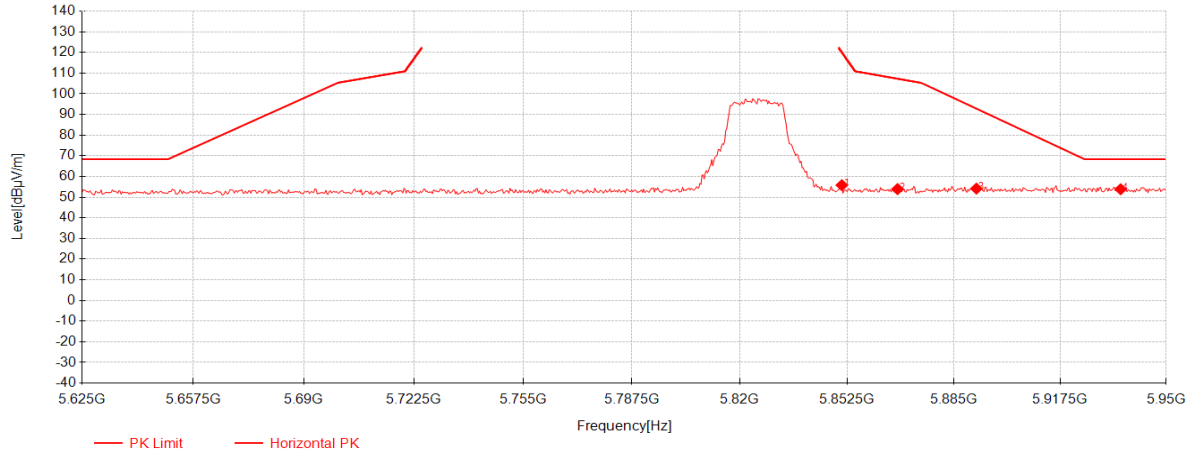
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5644.825	37.87	33.43	-17.27	54.03	68.30	14.27	Horizontal
2	5672.125	37.74	33.52	-17.30	53.95	84.71	30.76	Horizontal
3	5702.675	39.13	33.61	-17.32	55.42	106.05	50.63	Horizontal
4	5723.475	36.97	33.67	-17.26	53.38	118.82	65.44	Horizontal

11a_TX_CH_149_Vertical_Peak



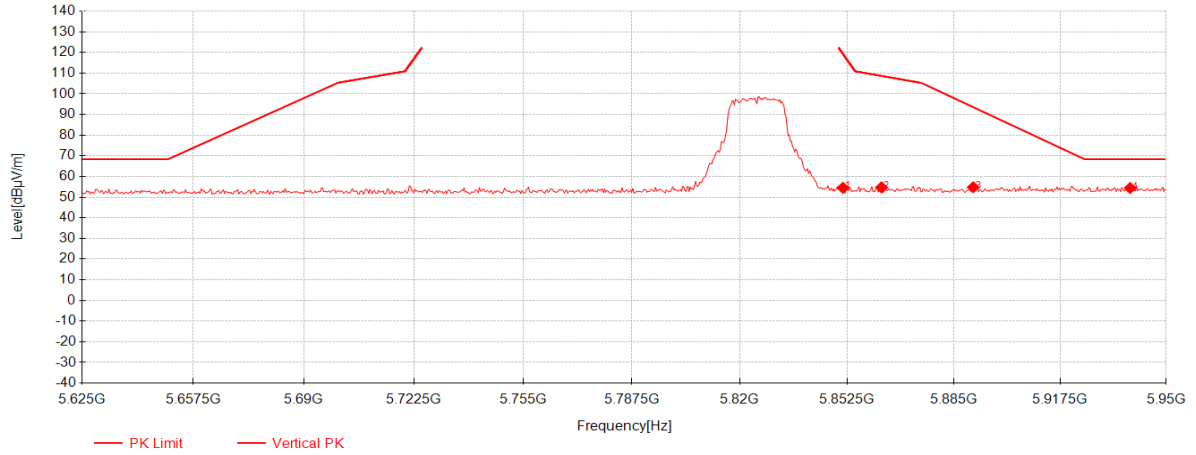
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5645.15	37.33	33.44	-17.28	53.49	68.30	14.81	Vertical
2	5681.55	37.15	33.54	-17.31	53.38	91.68	38.30	Vertical
3	5704.95	37.38	33.61	-17.31	53.68	106.69	53.01	Vertical
4	5724.125	37.30	33.67	-17.26	53.72	120.31	66.59	Vertical

11a_TX_CH_165_Horizontal_Peak



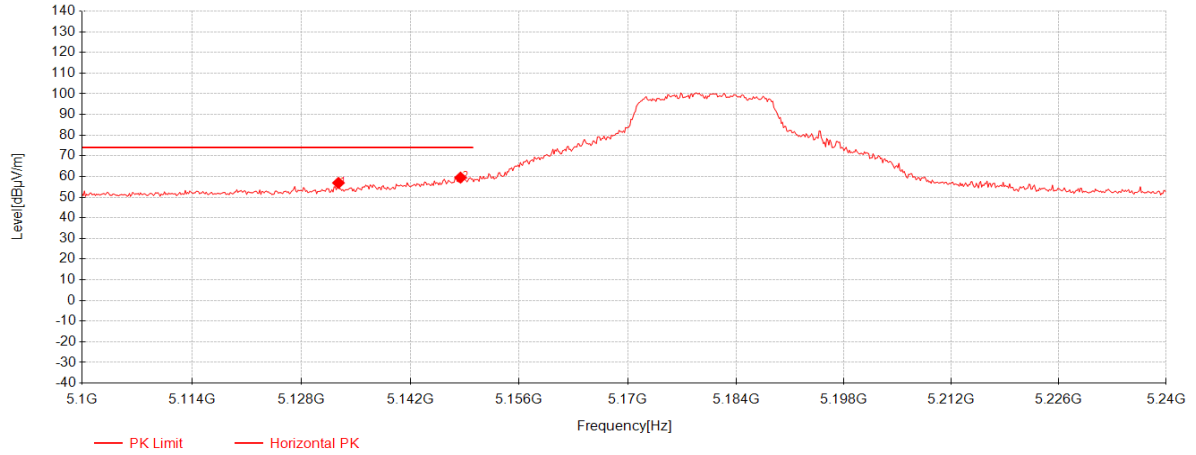
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5850.875	38.65	34.05	-16.91	55.79	120.30	64.51	Horizontal
2	5867.775	36.66	34.10	-16.88	53.89	107.32	53.43	Horizontal
3	5891.825	36.76	34.18	-16.83	54.11	92.81	38.70	Horizontal
4	5936.025	36.42	34.31	-16.92	53.81	68.30	14.49	Horizontal

11a_TX_CH_165_Vertical_Peak



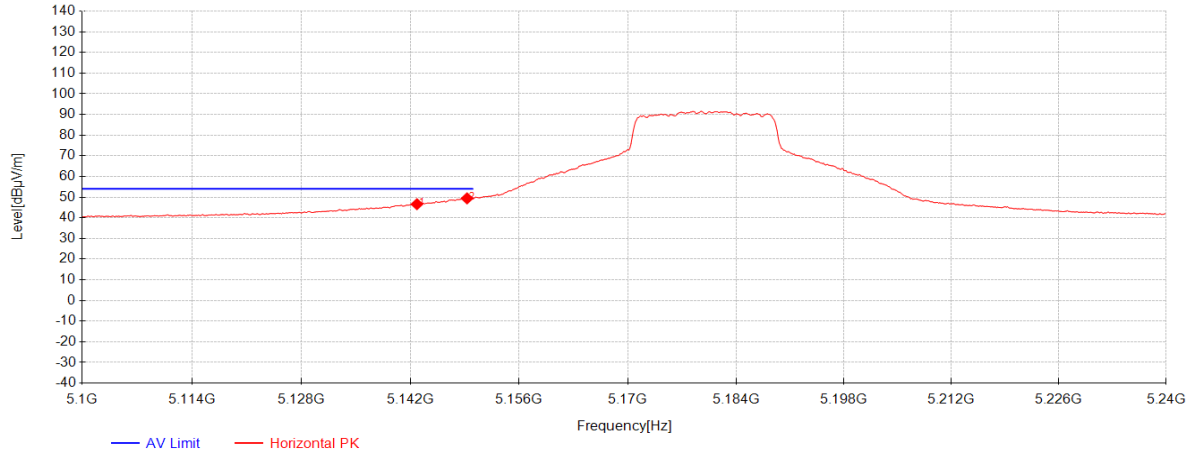
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.2	37.36	34.05	-16.91	54.50	119.56	65.06	Vertical
2	5862.9	37.52	34.09	-16.89	54.72	108.69	53.97	Vertical
3	5890.85	37.46	34.17	-16.83	54.80	93.54	38.74	Vertical
4	5938.95	37.00	34.32	-16.93	54.39	68.30	13.91	Vertical

11n(HT20)_TX_CH_36_Horizontal_Peak



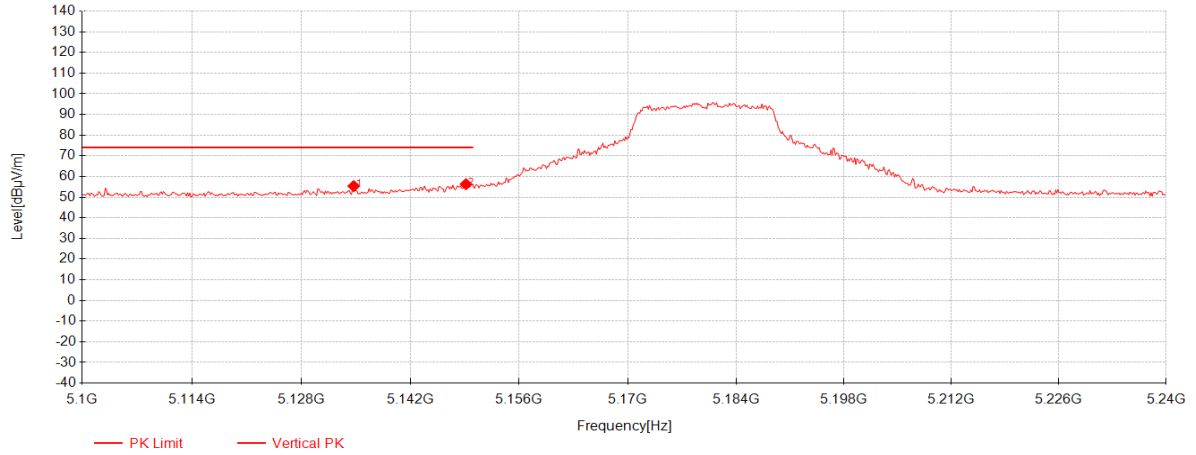
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5132.76	42.04	33.07	-18.23	56.88	74.00	17.12	Horizontal
2	5148.44	44.56	33.07	-18.18	59.45	74.00	14.55	Horizontal

11n(HT20)_TX_CH_36_Horizontal_Average



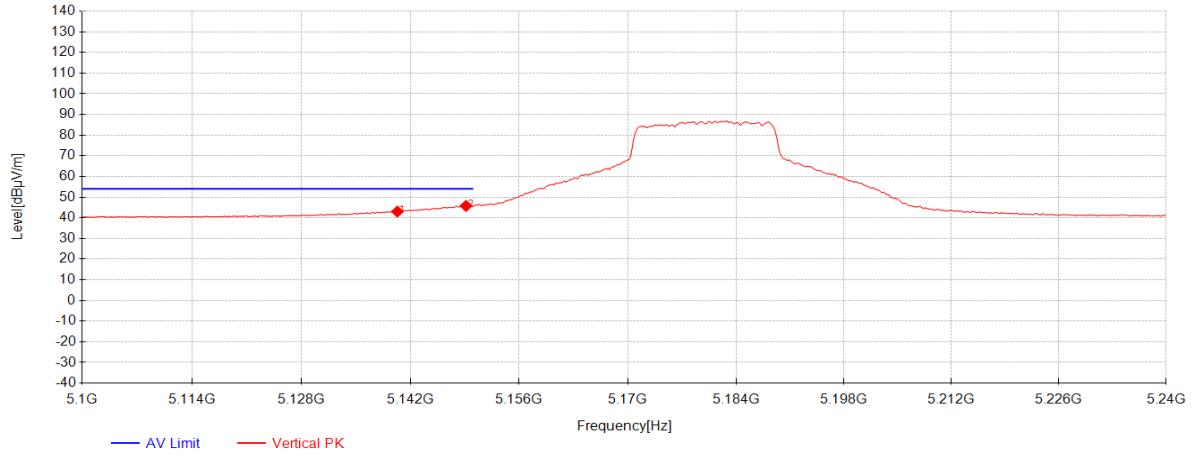
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.84	31.73	33.07	-18.20	46.60	54.00	7.40	Horizontal
2	5149.28	34.50	33.07	-18.18	49.39	54.00	4.61	Horizontal

11n(HT20)_TX_CH_36_Vetical_Peak



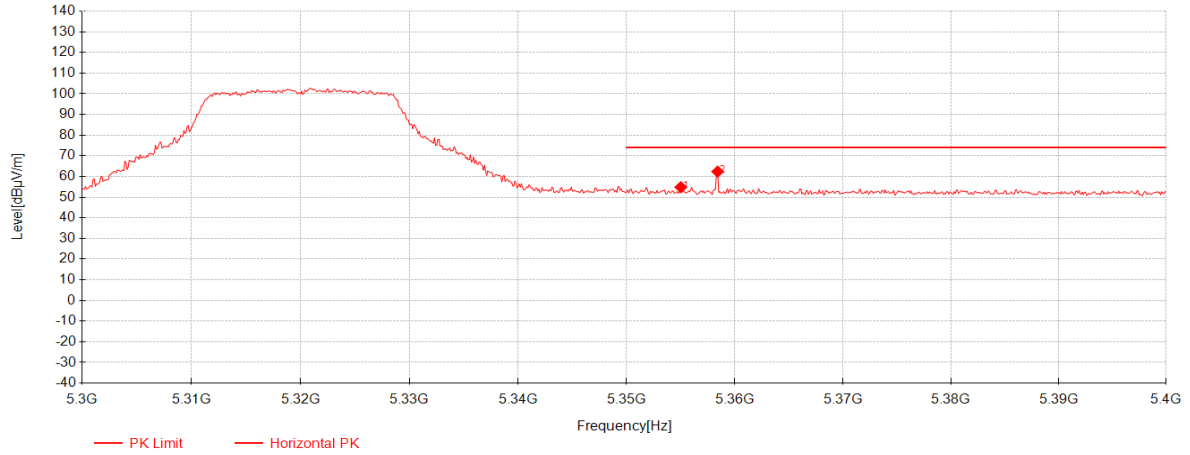
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5134.72	40.50	33.07	-18.23	55.35	74.00	18.65	Vertical
2	5149.14	41.37	33.07	-18.18	56.26	74.00	17.74	Vertical

11n(HT20)_TX_CH_36_Vetical_Average



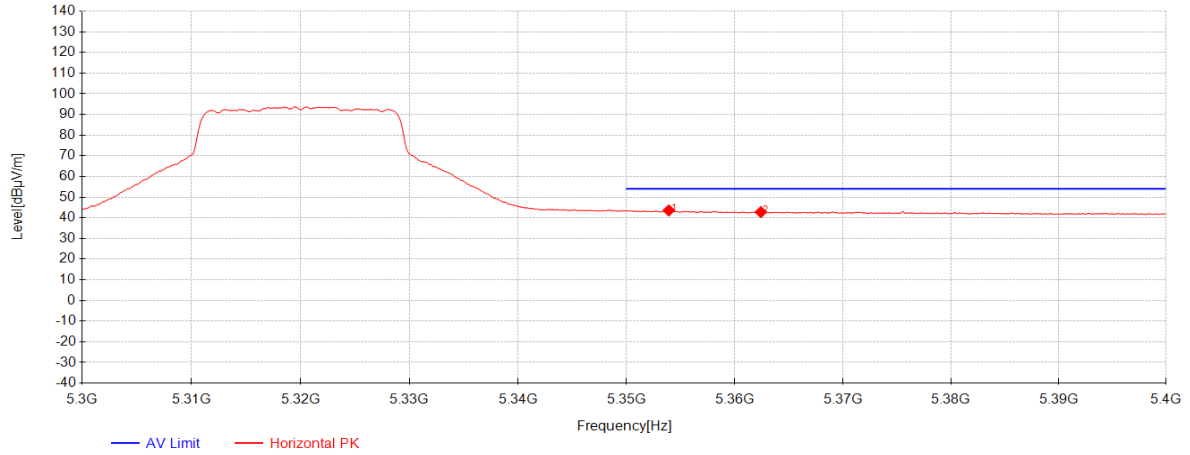
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.32	28.17	33.07	-18.21	43.03	54.00	10.97	Vertical
2	5149.14	30.87	33.07	-18.18	45.76	54.00	8.24	Vertical

11n(HT20)_TX_CH_64_Horizontal_Peak



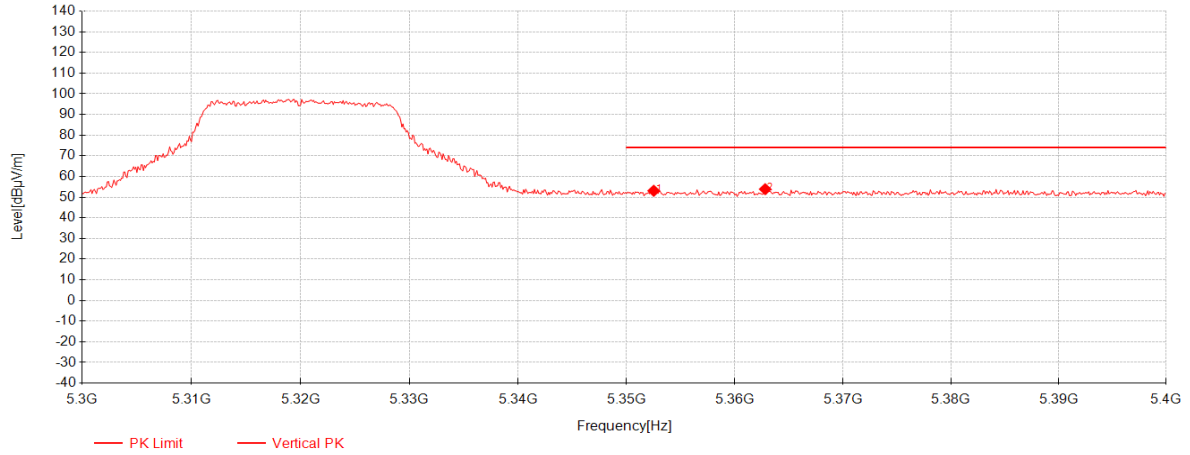
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5355	39.54	33.03	-17.76	54.81	74.00	19.19	Horizontal
2	5358.4	47.09	33.03	-17.76	62.36	74.00	11.64	Horizontal

11n(HT20)_TX_CH_64_Horizontal_Average



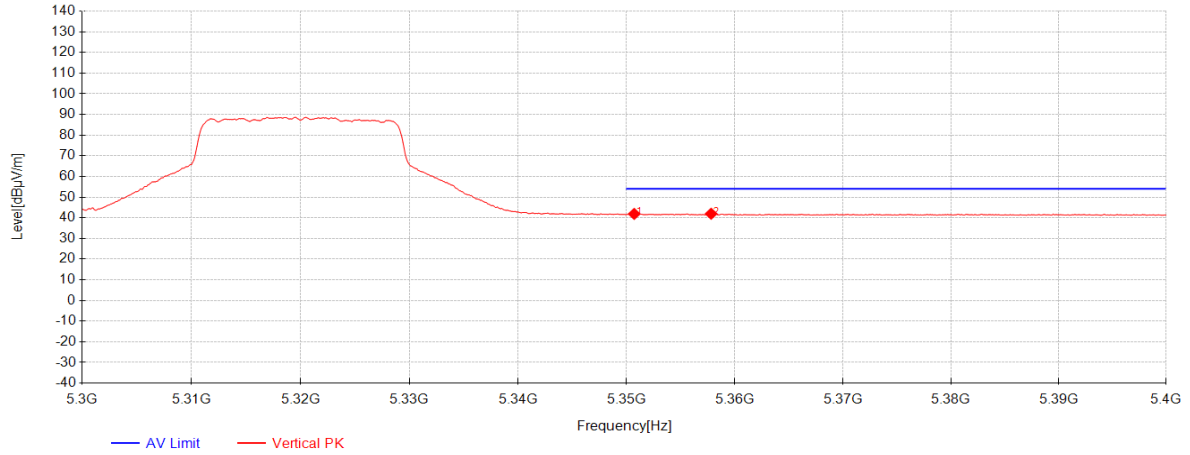
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5353.9	28.31	33.03	-17.76	43.58	54.00	10.42	Horizontal
2	5362.4	27.52	33.03	-17.77	42.78	54.00	11.22	Horizontal

11n(HT20)_TX_CH_64_Vetical_Peak



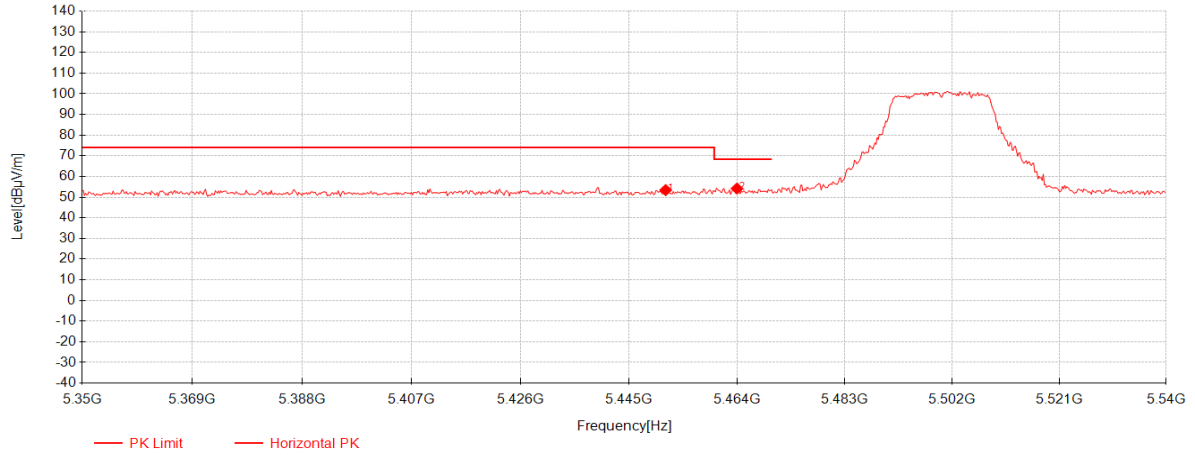
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5352.5	37.81	33.03	-17.75	53.09	74.00	20.91	Vertical
2	5362.8	38.60	33.03	-17.77	53.86	74.00	20.14	Vertical

11n(HT20)_TX_CH_64_Vetical_Average



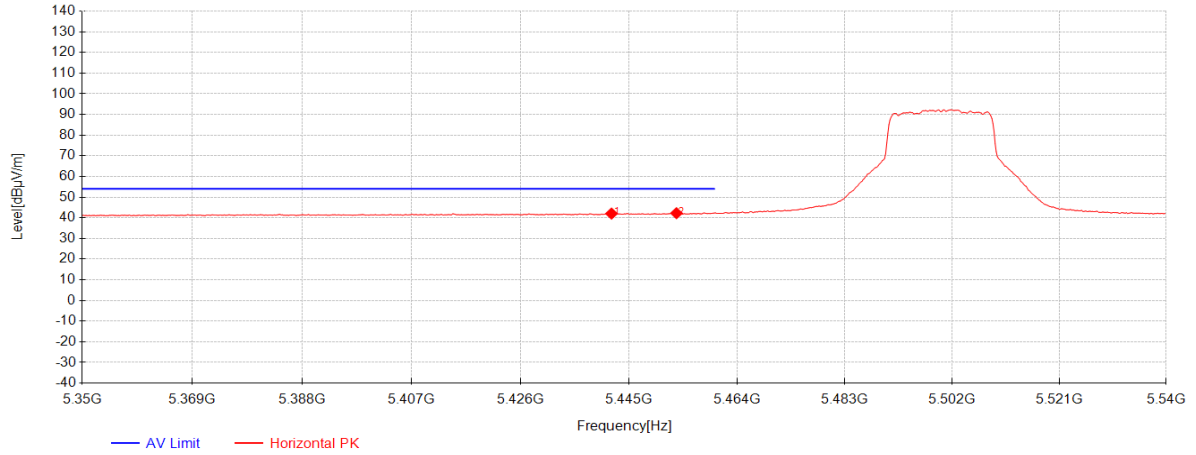
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.7	26.61	33.03	-17.75	41.89	54.00	12.11	Vertical
2	5357.8	26.69	33.03	-17.76	41.96	54.00	12.04	Vertical

11n(HT20)_TX_CH_100_Horizontal_Peak



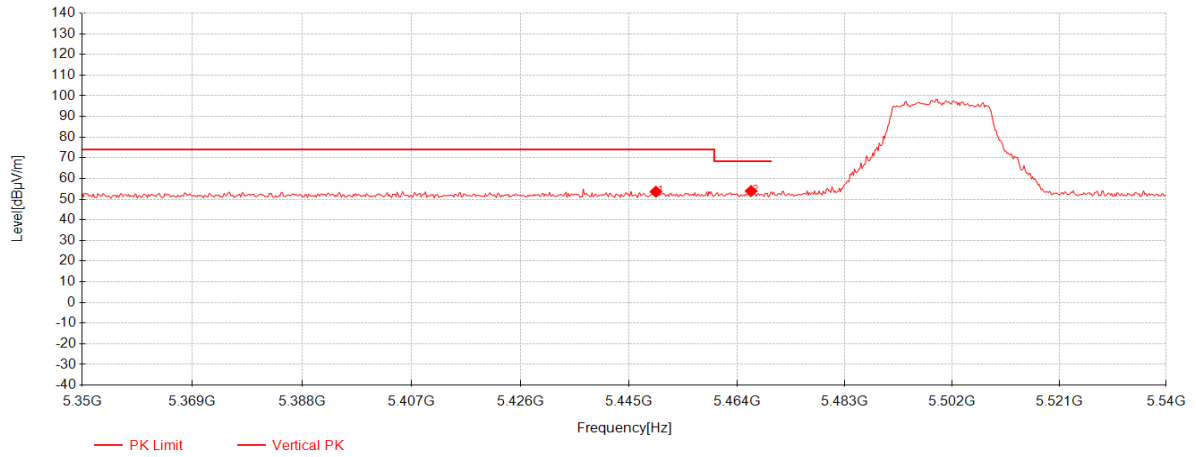
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5451.46	38.07	33.01	-17.67	53.41	74.00	20.59	Horizontal
2	5464	38.78	33.01	-17.63	54.16	68.30	14.14	Horizontal

11n(HT20)_TX_CH_100_Horizontal_Average



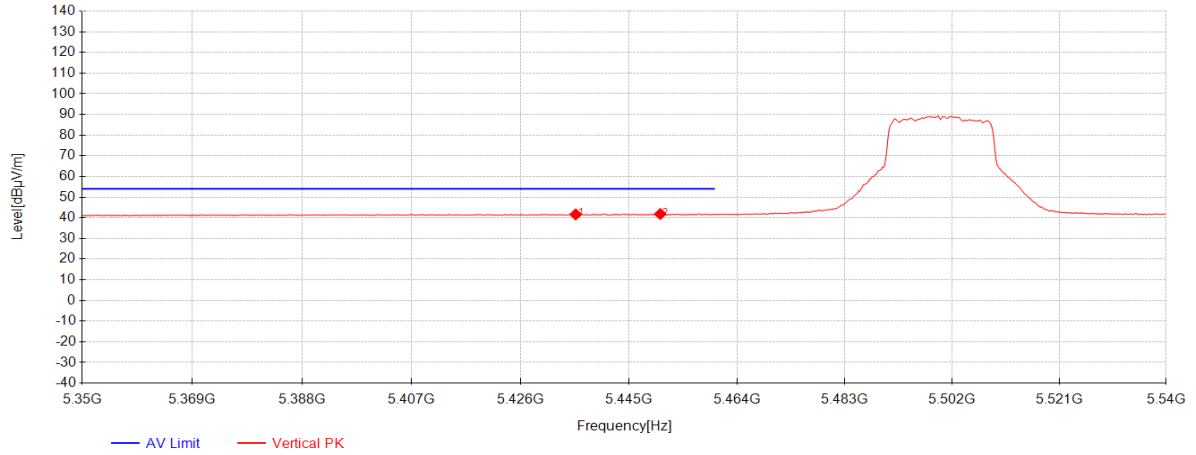
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5441.96	26.72	33.01	-17.69	42.04	54.00	11.96	Horizontal
2	5453.36	26.88	33.01	-17.66	42.23	54.00	11.77	Horizontal

11n(HT20)_TX_CH_100_Vertical_Peak



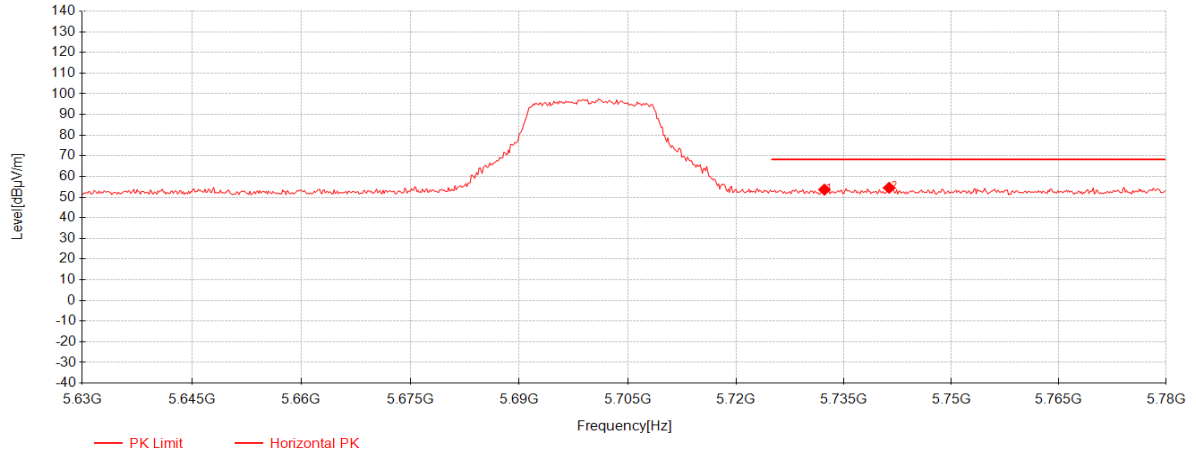
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5449.75	38.25	33.01	-17.67	53.59	74.00	20.41	Vertical
2	5466.47	38.52	33.01	-17.62	53.91	68.30	14.39	Vertical

11n(HT20)_TX_CH_100_Veritical_Average



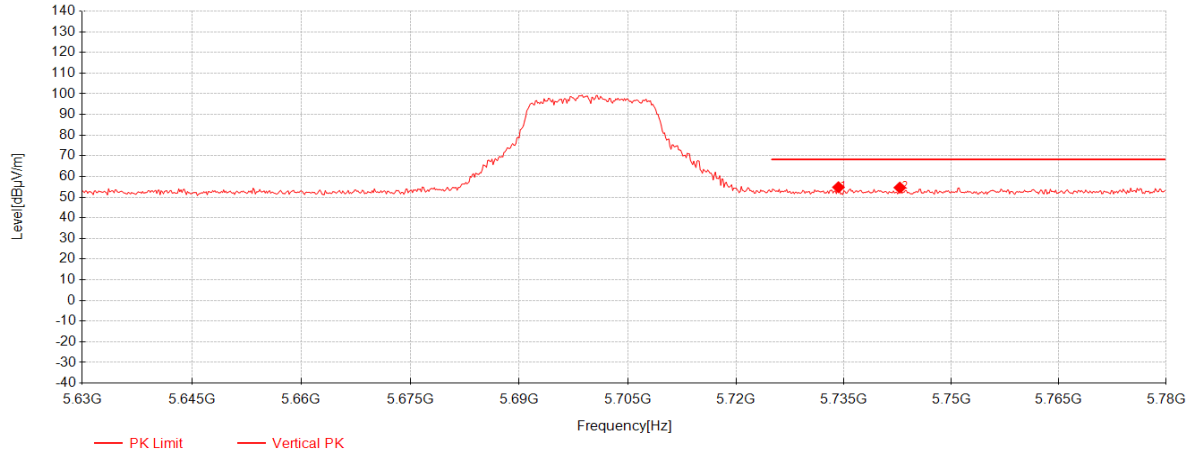
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5435.69	26.32	33.01	-17.71	41.62	54.00	12.38	Vertical
2	5450.51	26.48	33.01	-17.67	41.82	54.00	12.18	Vertical

11n(HT20)_TX_CH_140_Horizontal_Peak



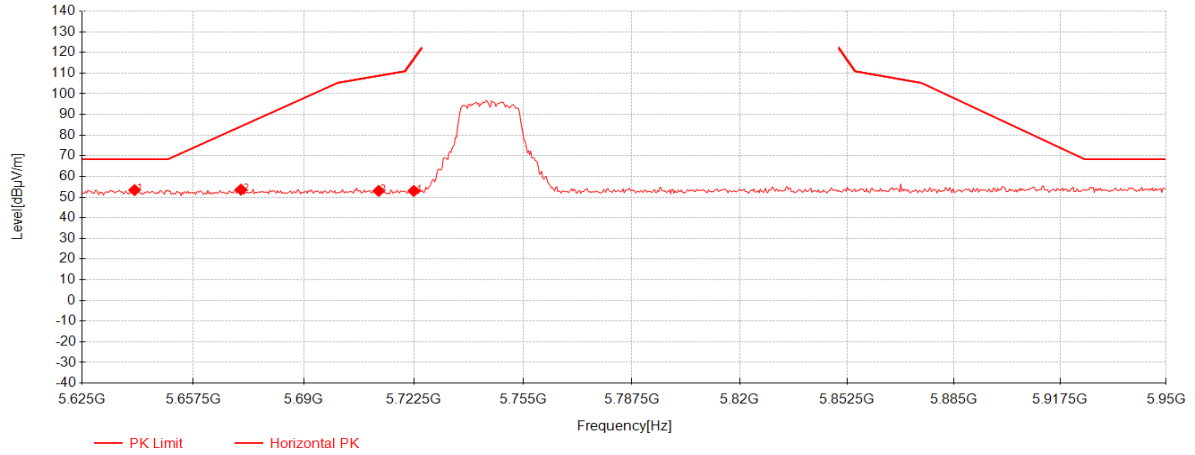
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5732.3	37.16	33.70	-17.23	53.63	68.20	14.57	Horizontal
2	5741.3	38.00	33.72	-17.20	54.52	68.20	13.68	Horizontal

11n(HT20)_TX_CH_140_Vertical_Peak



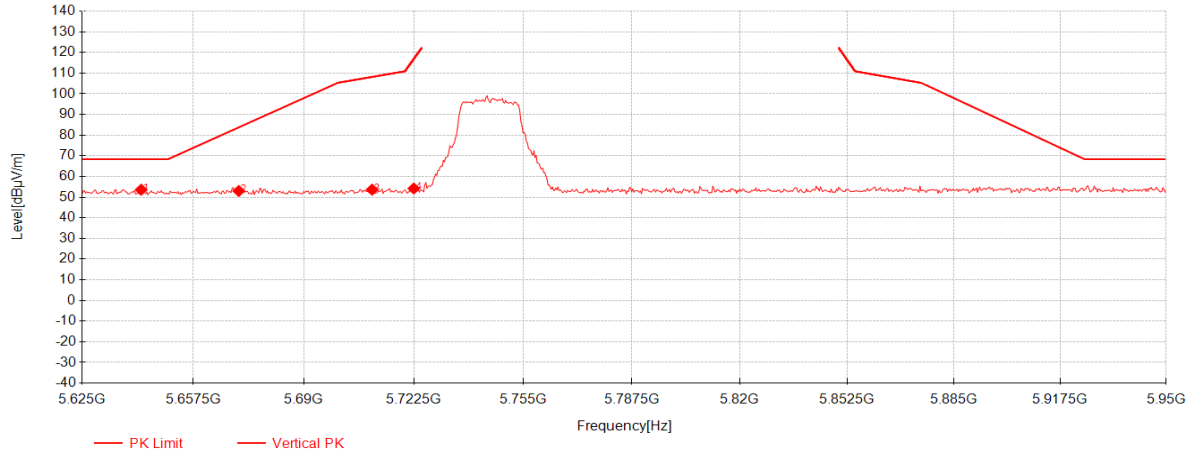
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5734.25	38.31	33.70	-17.22	54.79	68.20	13.41	Vertical
2	5742.8	38.05	33.73	-17.20	54.58	68.20	13.62	Vertical

11n(HT20)_TX_CH_149_Horizontal_Peak



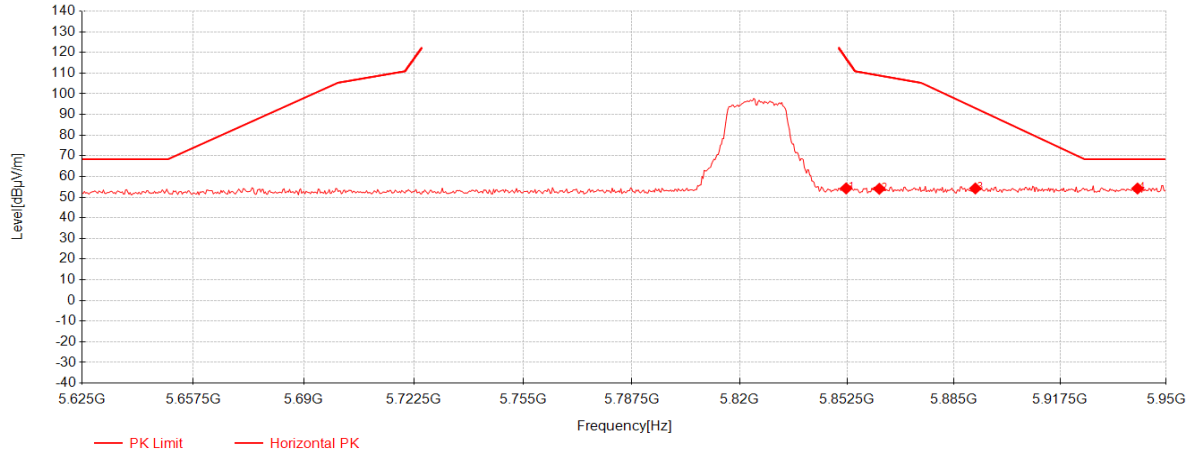
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5640.275	37.28	33.42	-17.27	53.43	68.30	14.87	Horizontal
2	5671.475	37.41	33.51	-17.30	53.62	84.23	30.61	Horizontal
3	5712.1	36.65	33.64	-17.29	52.99	108.69	55.70	Horizontal
4	5722.5	36.60	33.67	-17.26	53.01	116.60	63.59	Horizontal

11n(HT20)_TX_CH_149_Vertical_Peak



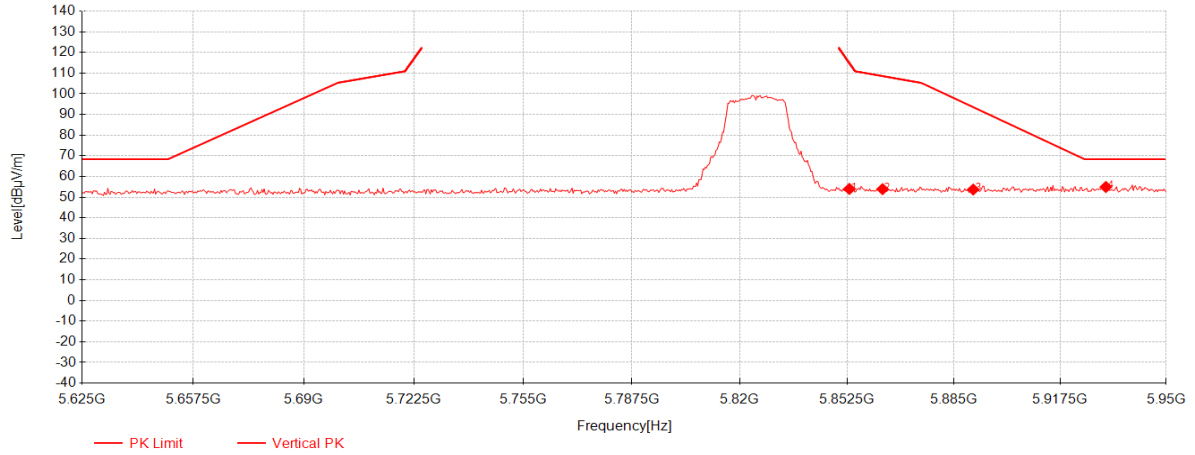
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.225	37.43	33.43	-17.27	53.58	68.30	14.72	Vertical
2	5670.825	36.76	33.51	-17.30	52.97	83.75	30.78	Vertical
3	5710.15	37.28	33.63	-17.30	53.61	108.14	54.53	Vertical
4	5722.5	37.75	33.67	-17.26	54.16	116.60	62.44	Vertical

11n(HT20)_TX_CH_165_Horizontal_Peak



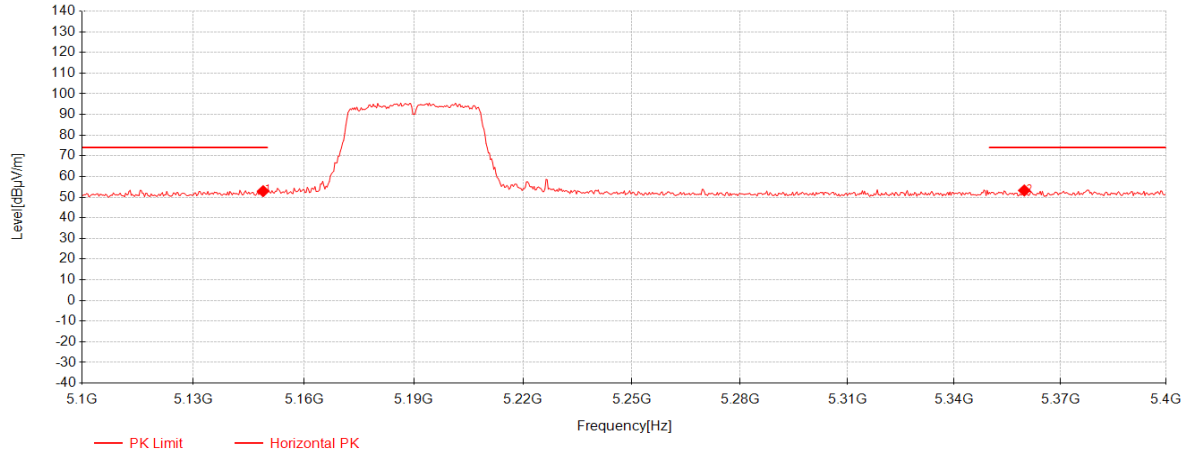
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5852.175	37.07	34.06	-16.91	54.22	117.34	63.12	Horizontal
2	5862.25	36.84	34.09	-16.89	54.04	108.87	54.83	Horizontal
3	5891.5	36.84	34.17	-16.83	54.19	93.06	38.87	Horizontal
4	5941.225	36.77	34.32	-16.94	54.16	68.30	14.14	Horizontal

11n(HT20)_TX_CH_165_Veritical_Peak



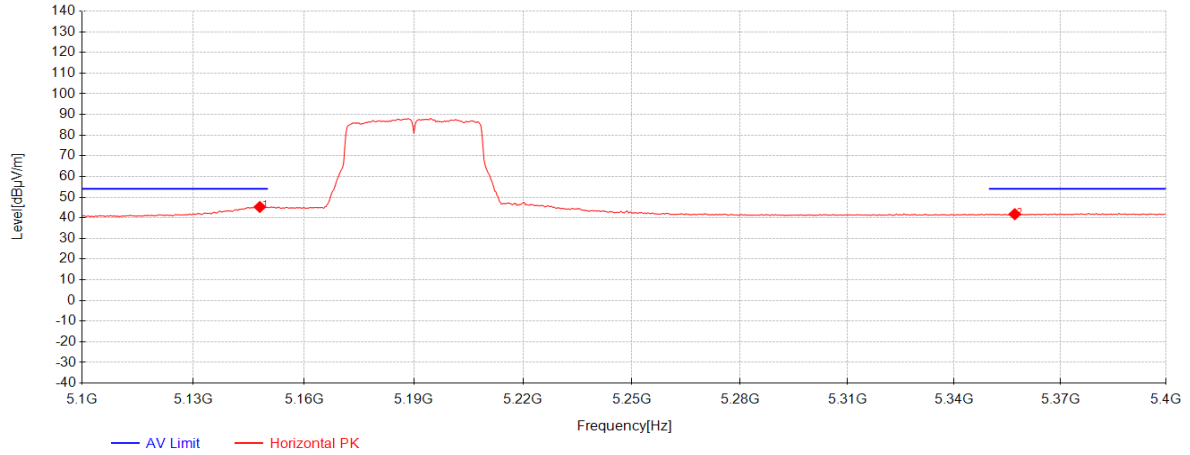
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5853.15	36.81	34.06	-16.91	53.96	115.12	61.16	Vertical
2	5863.225	36.67	34.09	-16.89	53.87	108.59	54.72	Vertical
3	5890.85	36.35	34.17	-16.83	53.69	93.54	39.85	Vertical
4	5931.475	37.52	34.29	-16.91	54.91	68.30	13.39	Vertical

11n(HT40)_TX_CH_38_Horizontal_Peak



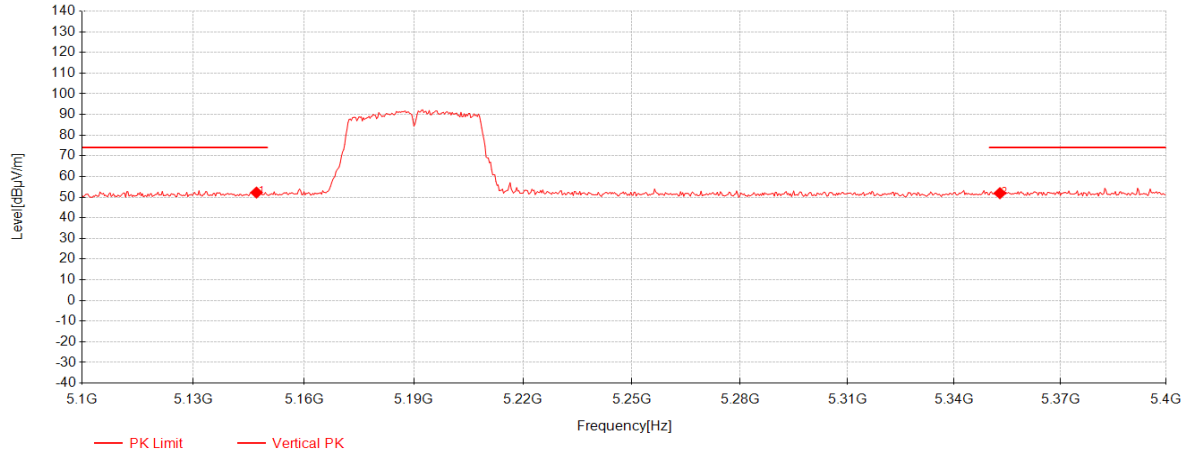
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.9	38.00	33.07	-18.18	52.89	74.00	21.11	Horizontal
2	5359.8	37.97	33.03	-17.76	53.23	74.00	20.77	Horizontal

11n(HT40)_TX_CH_38_Horizontal_Average



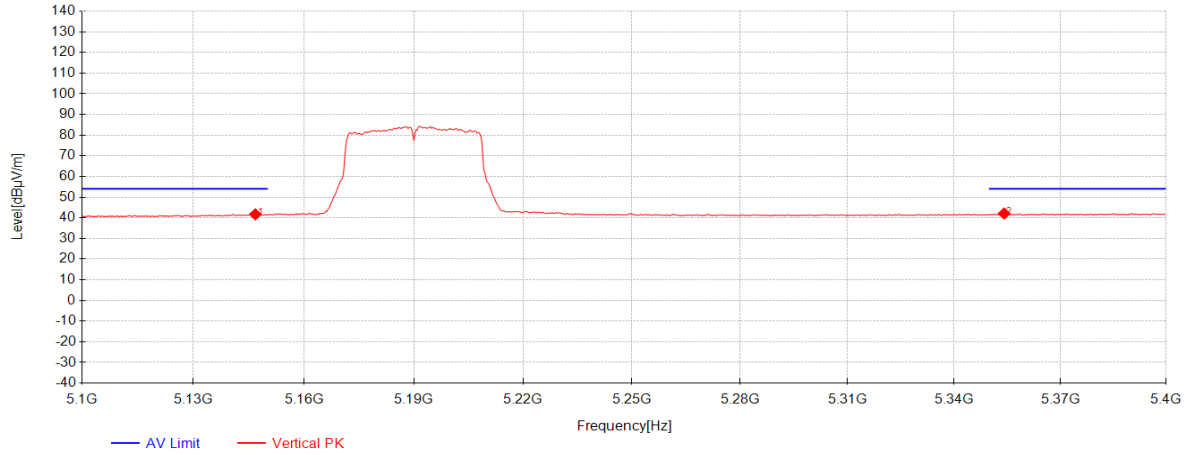
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148	30.36	33.07	-18.19	45.24	54.00	8.76	Horizontal
2	5357.1	26.49	33.03	-17.76	41.76	54.00	12.24	Horizontal

11n(HT40)_TX_CH_38_Vetical_Peak



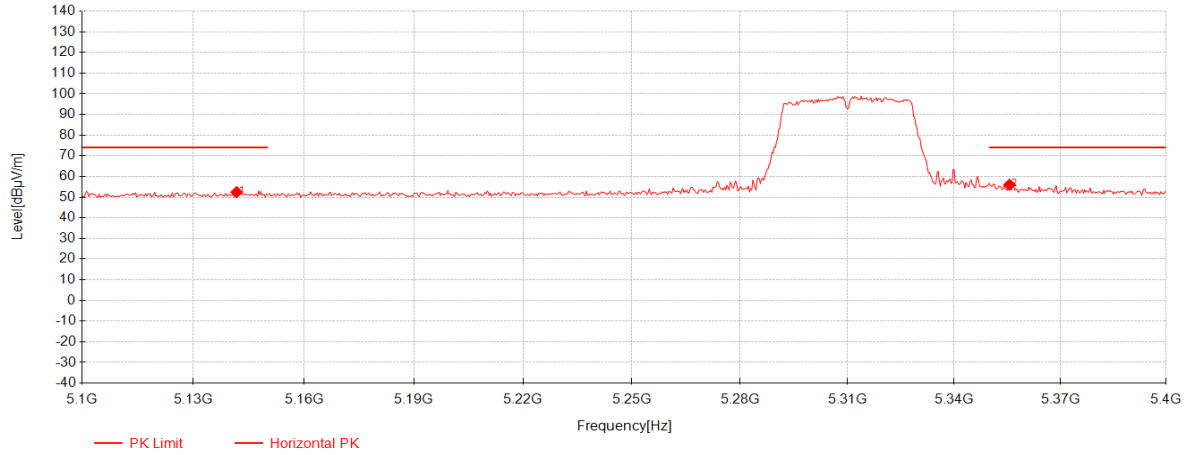
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.1	37.33	33.07	-18.19	52.21	74.00	21.79	Vertical
2	5352.9	36.63	33.03	-17.75	51.91	74.00	22.09	Vertical

11n(HT40)_TX_CH_38_Vetical_Average



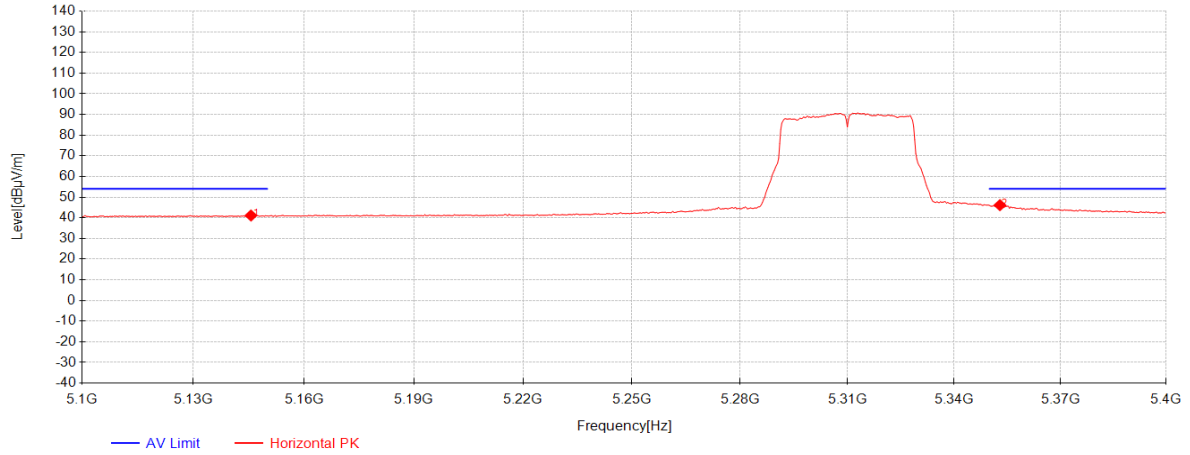
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.8	26.80	33.07	-18.19	41.68	54.00	12.32	Vertical
2	5354.1	26.80	33.03	-17.76	42.07	54.00	11.93	Vertical

11n(HT40)_TX_CH_62_Horizontal_Peak



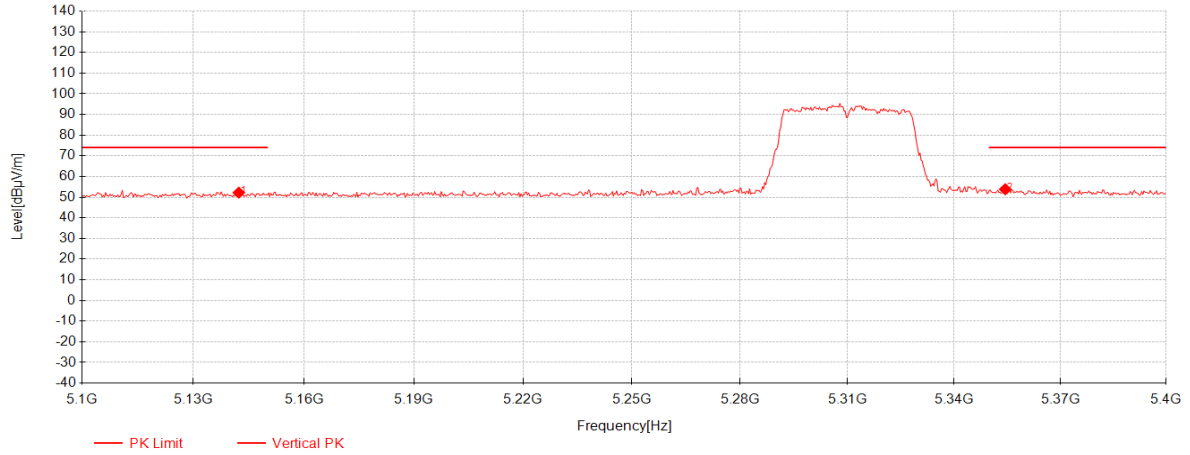
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5141.7	37.56	33.07	-18.20	52.43	74.00	21.57	Horizontal
2	5355.6	40.73	33.03	-17.76	56.00	74.00	18.00	Horizontal

11n(HT40)_TX_CH_62_Horizontal_Average



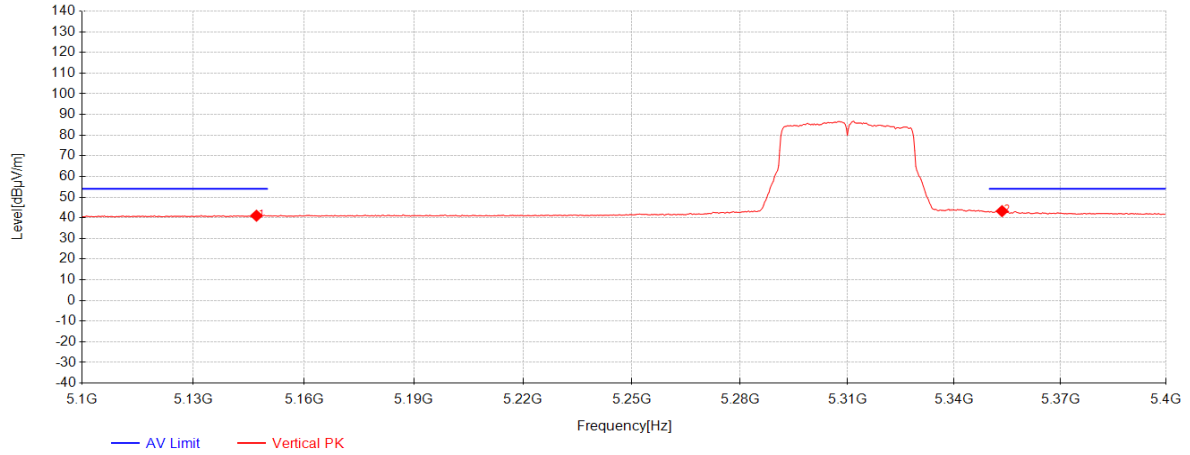
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.6	26.23	33.07	-18.19	41.11	54.00	12.89	Horizontal
2	5352.9	30.85	33.03	-17.75	46.13	54.00	7.87	Horizontal

11n(HT40)_TX_CH_62_Vetical_Peak



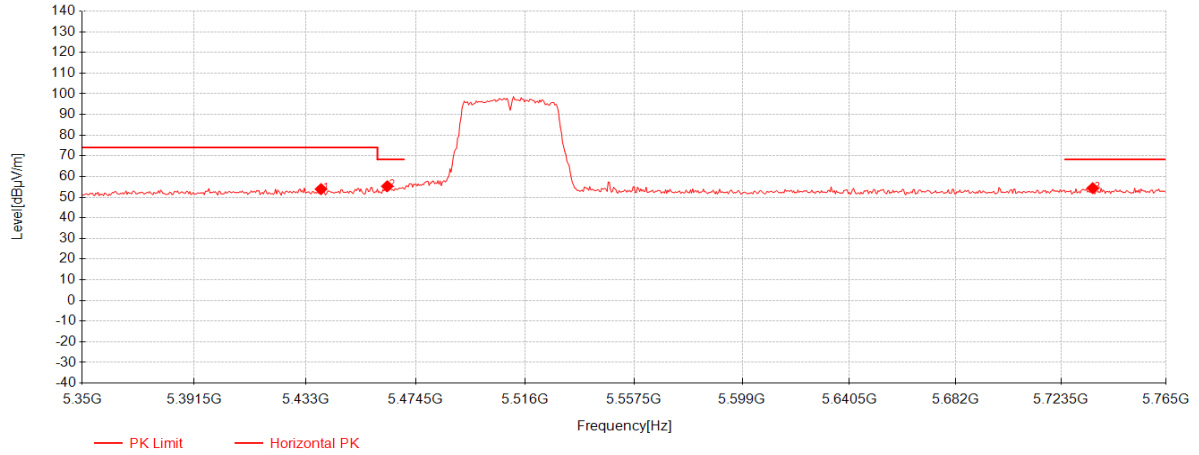
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.3	37.29	33.07	-18.20	52.16	74.00	21.84	Vertical
2	5354.4	38.54	33.03	-17.76	53.81	74.00	20.19	Vertical

11n(HT40)_TX_CH_62_Vetical_Average



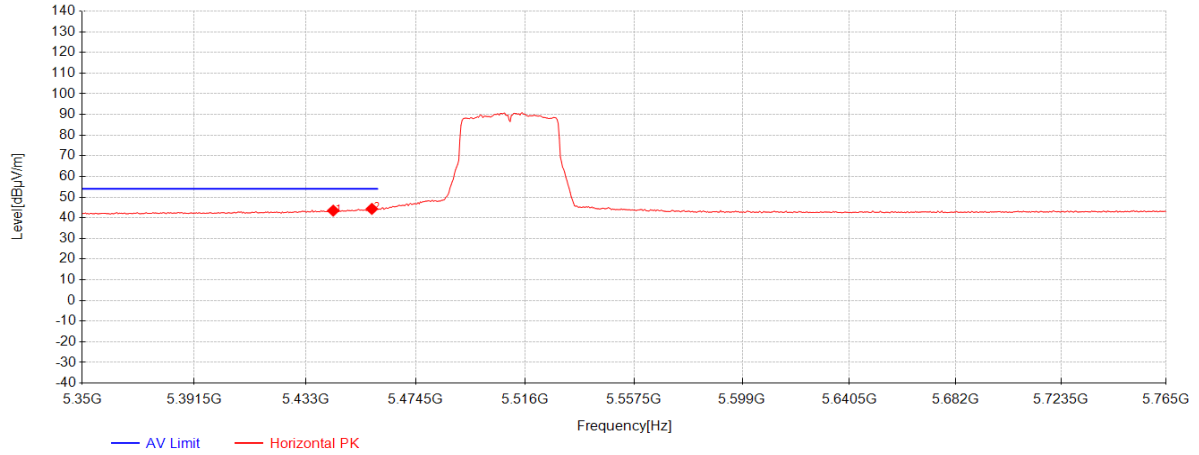
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.1	26.13	33.07	-18.19	41.01	54.00	12.99	Vertical
2	5353.5	27.95	33.03	-17.75	43.22	54.00	10.78	Vertical

11n(HT40)_TX_CH_102_Horizontal_Peak



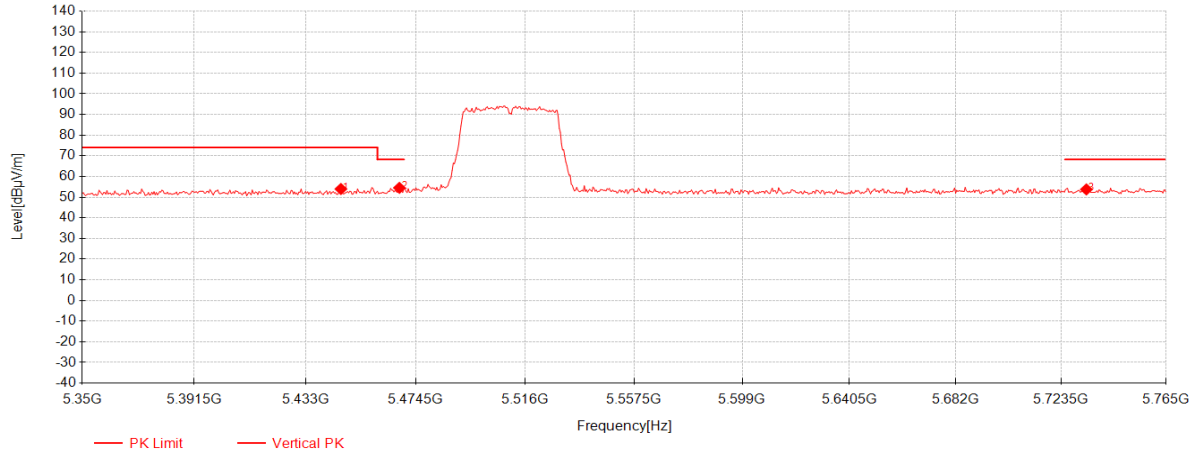
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5438.81	38.57	33.01	-17.70	53.88	74.00	20.12	Horizontal
2	5463.71	39.90	33.01	-17.63	55.28	68.20	12.92	Horizontal
3	5735.95	37.85	33.71	-17.22	54.34	68.20	13.86	Horizontal

11n(HT40)_TX_CH_102_Horizontal_Average



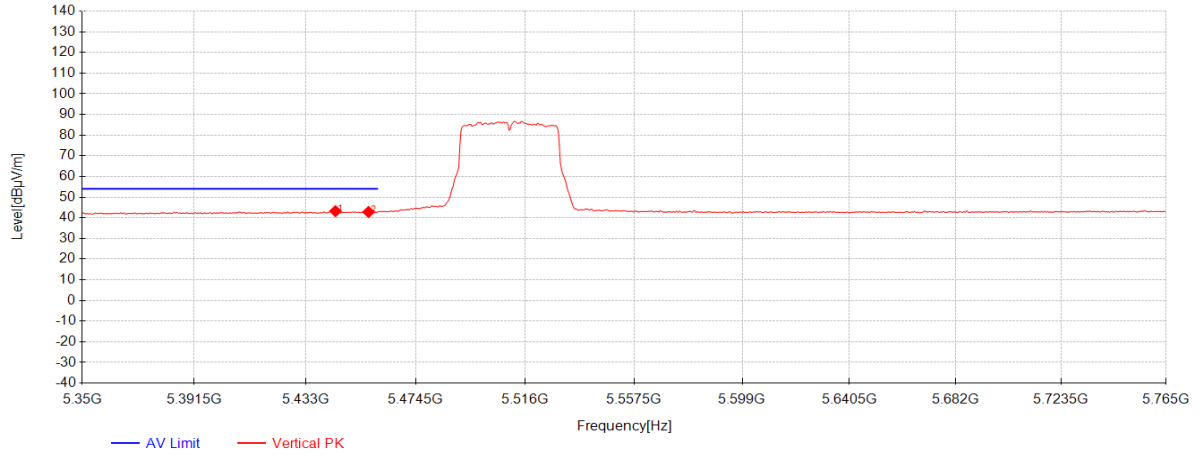
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5443.375	28.14	33.01	-17.69	43.46	54.00	10.54	Horizontal
2	5457.9	28.95	33.01	-17.65	44.31	54.00	9.69	Horizontal

11n(HT40)_TX_CH_102_Vertical_Peak



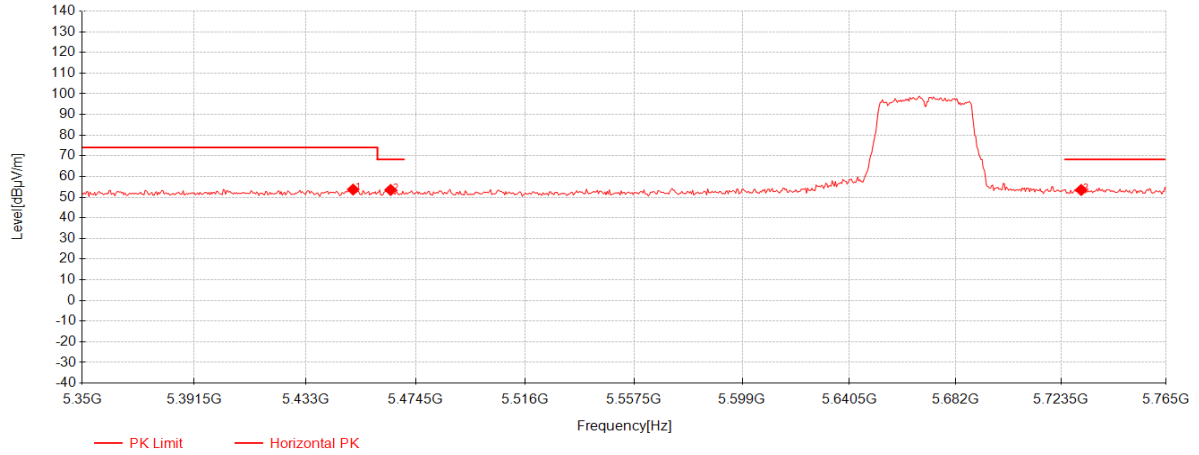
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5446.28	38.61	33.01	-17.68	53.94	74.00	20.06	Vertical
2	5468.275	39.09	33.01	-17.62	54.48	68.20	13.72	Vertical
3	5733.46	37.27	33.70	-17.23	53.74	68.20	14.46	Vertical

11n(HT40)_TX_CH_102_Vertical_Average



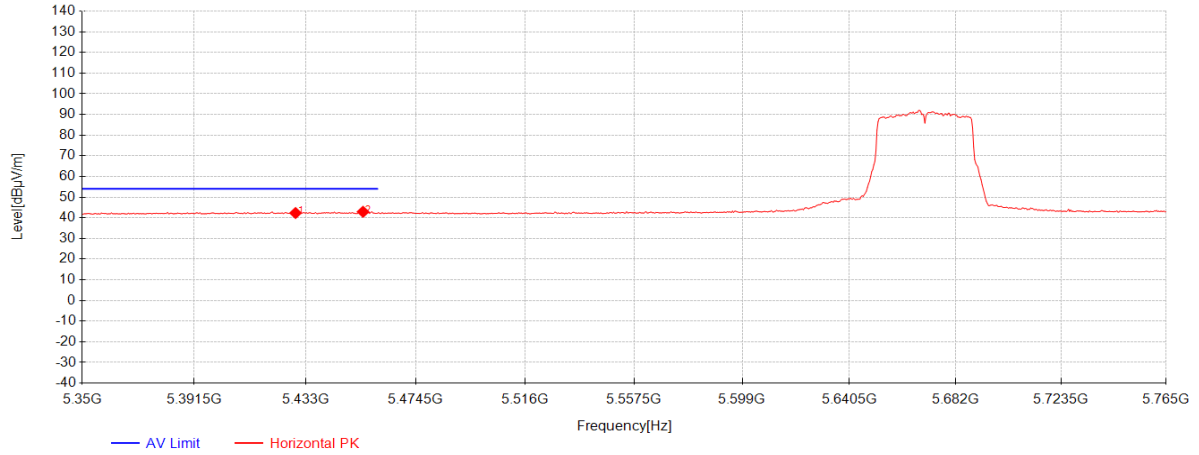
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5444.205	27.90	33.01	-17.69	43.22	54.00	10.78	Vertical
2	5456.655	27.46	33.01	-17.65	42.82	54.00	11.18	Vertical

11n(HT40)_TX_CH_134_Horizontal_Peak



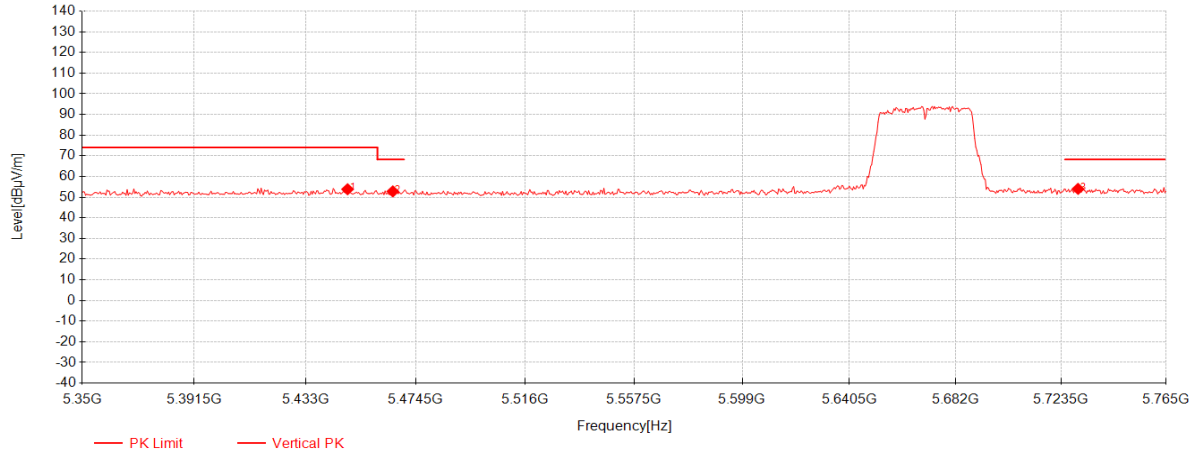
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5450.845	38.32	33.01	-17.67	53.66	74.00	20.34	Horizontal
2	5464.955	38.09	33.01	-17.63	53.47	68.20	14.73	Horizontal
3	5731.385	37.00	33.69	-17.23	53.46	68.20	14.74	Horizontal

11n(HT40)_TX_CH_134_Horizontal_Average



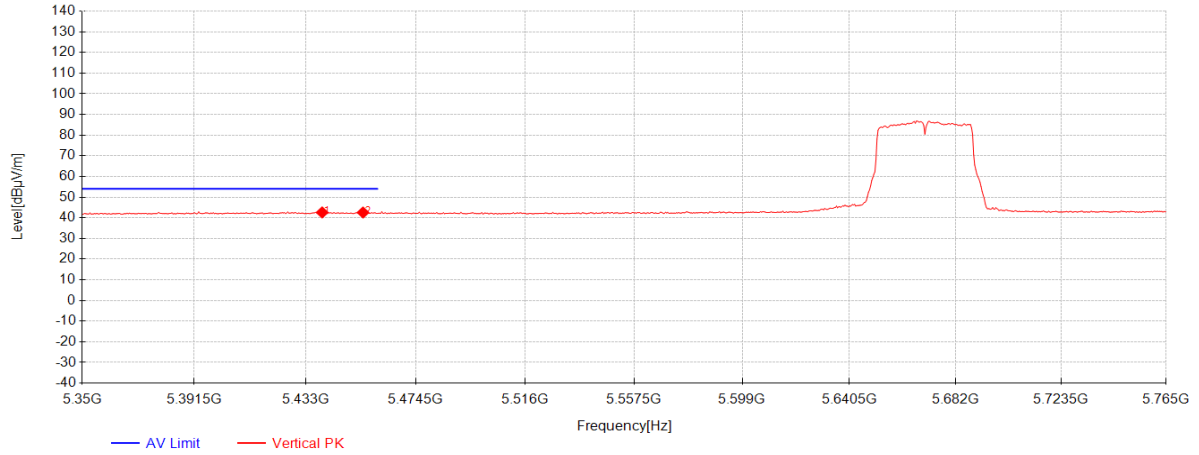
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5429.265	27.03	33.01	-17.73	42.31	54.00	11.69	Horizontal
2	5454.58	27.56	33.01	-17.66	42.91	54.00	11.09	Horizontal

11n(HT40)_TX_CH_134_Vertical_Peak



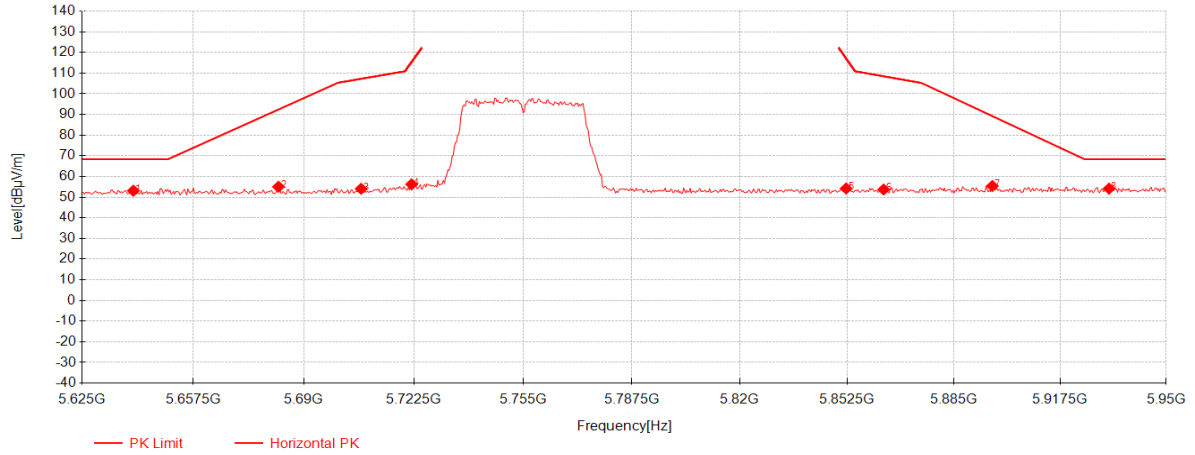
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5448.77	38.48	33.01	-17.67	53.82	74.00	20.18	Vertical
2	5465.785	37.40	33.01	-17.62	52.78	68.20	15.42	Vertical
3	5730.14	37.56	33.69	-17.24	54.01	68.20	14.19	Vertical

11n(HT40)_TX_CH_134_Veritical_Average



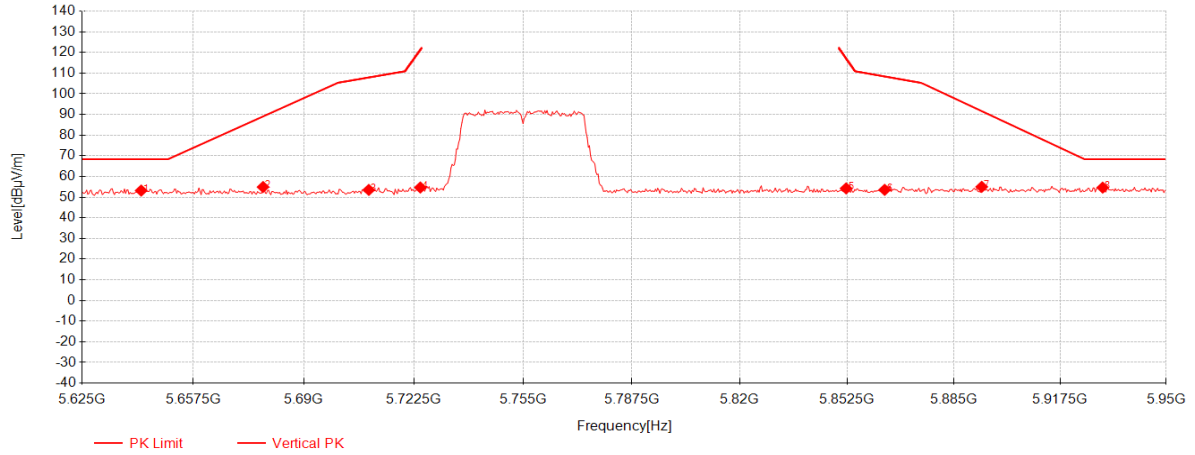
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5439.225	27.28	33.01	-17.70	42.59	54.00	11.41	Vertical
2	5454.58	27.21	33.01	-17.66	42.56	54.00	11.44	Vertical

11n(HT40)_TX_CH_151_Horizontal_Peak



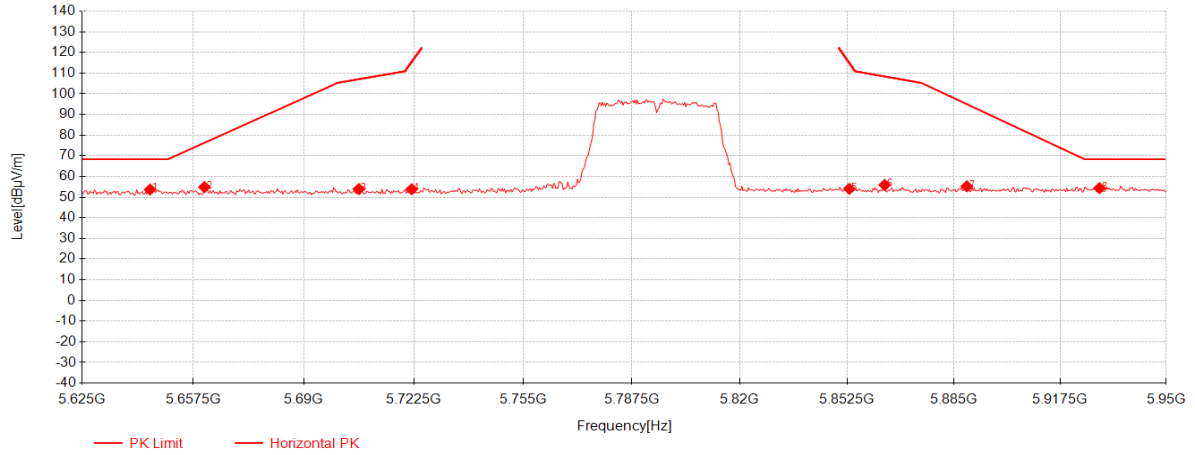
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5639.95	36.98	33.42	-17.27	53.13	68.30	15.17	Horizontal
2	5682.525	38.77	33.55	-17.31	55.01	92.41	37.40	Horizontal
3	5706.9	37.74	33.62	-17.31	54.05	107.23	53.18	Horizontal
4	5721.85	39.82	33.67	-17.26	56.22	115.12	58.90	Horizontal
5	5852.175	37.02	34.06	-16.91	54.17	117.34	63.17	Horizontal
6	5863.55	36.50	34.09	-16.89	53.70	108.50	54.80	Horizontal
7	5896.7	38.03	34.19	-16.82	55.40	89.20	33.80	Horizontal
8	5932.45	36.73	34.30	-16.91	54.12	68.30	14.18	Horizontal

11n(HT40)_TX_CH_151_Veritical_Peak



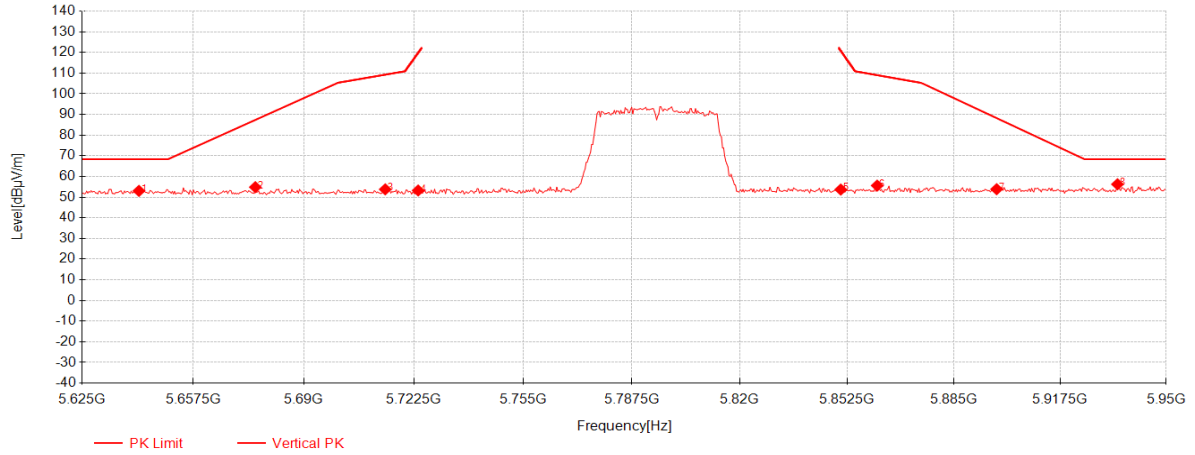
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.225	37.03	33.43	-17.27	53.18	68.30	15.12	Vertical
2	5677.975	38.66	33.53	-17.31	54.89	89.04	34.15	Vertical
3	5709.175	37.16	33.63	-17.30	53.49	107.87	54.38	Vertical
4	5724.45	38.23	33.67	-17.25	54.65	121.05	66.40	Vertical
5	5852.175	37.07	34.06	-16.91	54.22	117.34	63.12	Vertical
6	5863.875	36.32	34.09	-16.89	53.53	108.41	54.88	Vertical
7	5893.45	37.62	34.18	-16.82	54.98	91.61	36.63	Vertical
8	5930.5	37.22	34.29	-16.90	54.61	68.30	13.69	Vertical

11n(HT40)_TX_CH_159_Horizontal_Peak



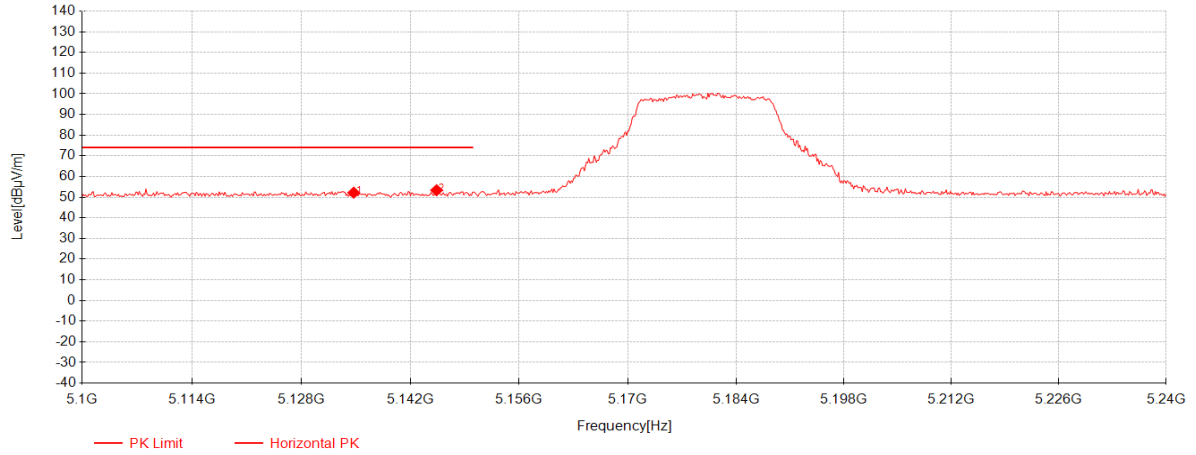
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5644.825	37.52	33.43	-17.27	53.68	68.30	14.62	Horizontal
2	5660.75	38.65	33.48	-17.29	54.84	76.28	21.44	Horizontal
3	5706.25	37.59	33.62	-17.31	53.90	107.05	53.15	Horizontal
4	5721.85	37.39	33.67	-17.26	53.79	115.12	61.33	Horizontal
5	5853.15	36.85	34.06	-16.91	54.00	115.12	61.12	Horizontal
6	5863.875	38.67	34.09	-16.89	55.88	108.41	52.53	Horizontal
7	5888.9	37.91	34.17	-16.83	55.24	94.98	39.74	Horizontal
8	5929.525	36.96	34.29	-16.90	54.35	68.30	13.95	Horizontal

11n(HT40)_TX_CH_159_Veritical_Peak



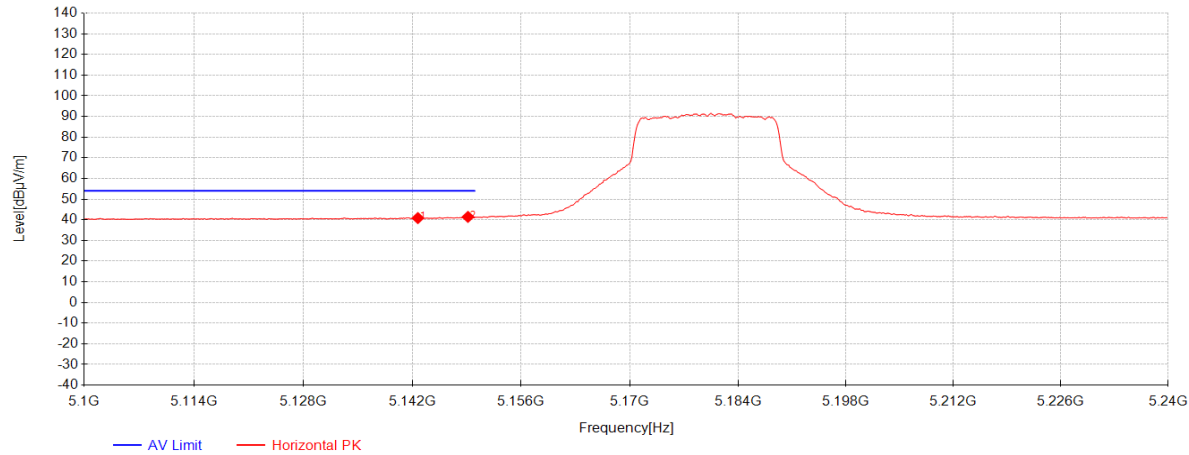
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5641.575	36.89	33.42	-17.27	53.04	68.30	15.26	Vertical
2	5675.7	38.61	33.53	-17.31	54.83	87.36	32.53	Vertical
3	5714.05	37.42	33.64	-17.29	53.78	109.24	55.46	Vertical
4	5723.8	36.80	33.67	-17.26	53.22	119.56	66.34	Vertical
5	5850.55	36.52	34.05	-16.91	53.66	121.05	67.39	Vertical
6	5861.6	38.39	34.08	-16.89	55.58	109.05	53.47	Vertical
7	5898	36.46	34.19	-16.81	53.84	88.24	34.40	Vertical
8	5935.05	38.84	34.31	-16.92	56.23	68.30	12.07	Vertical

11ac(VHT20)_TX_CH_36_Horizontal_Peak



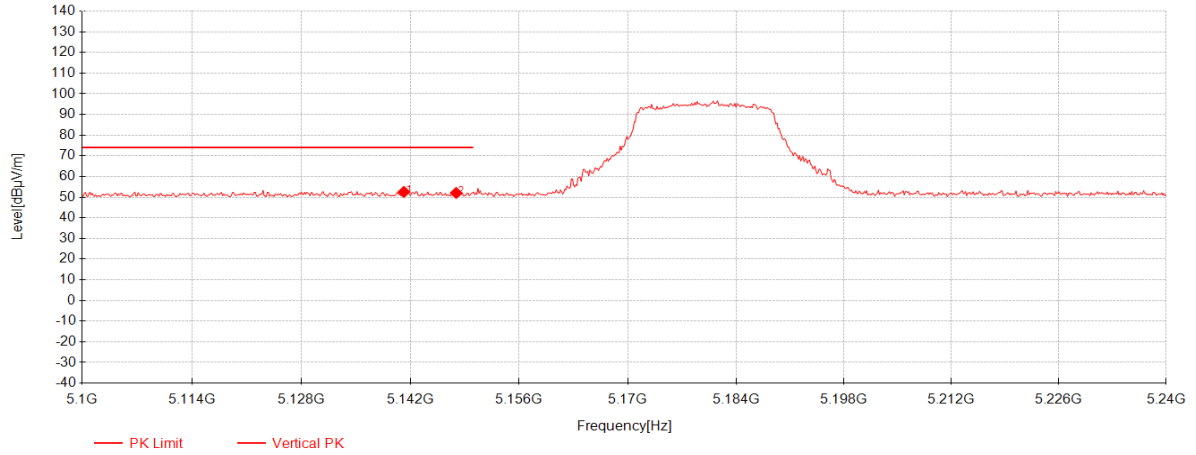
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5134.72	37.31	33.07	-18.23	52.16	74.00	21.84	Horizontal
2	5145.36	38.44	33.07	-18.19	53.32	74.00	20.68	Horizontal

11ac(VHT20)_TX_CH_36_Horizontal_Average



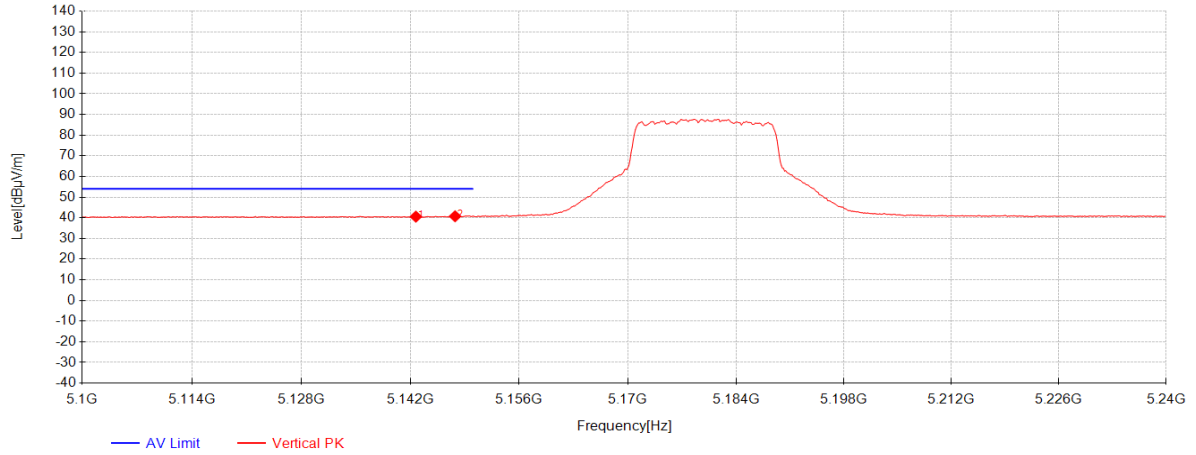
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.7	25.96	33.07	-18.20	40.83	54.00	13.17	Horizontal
2	5149.14	26.53	33.07	-18.18	41.42	54.00	12.58	Horizontal

11ac(VHT20)_TX_CH_36_Vetical_Peak



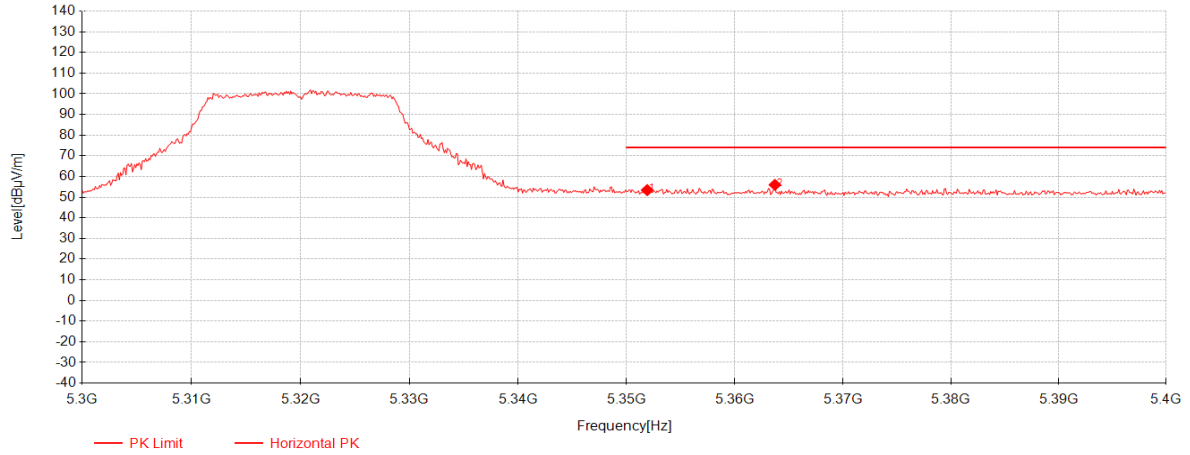
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5141.16	37.64	33.07	-18.21	52.51	74.00	21.49	Vertical
2	5147.88	37.15	33.07	-18.19	52.03	74.00	21.97	Vertical

11ac(VHT20)_TX_CH_36_Vertical_Average



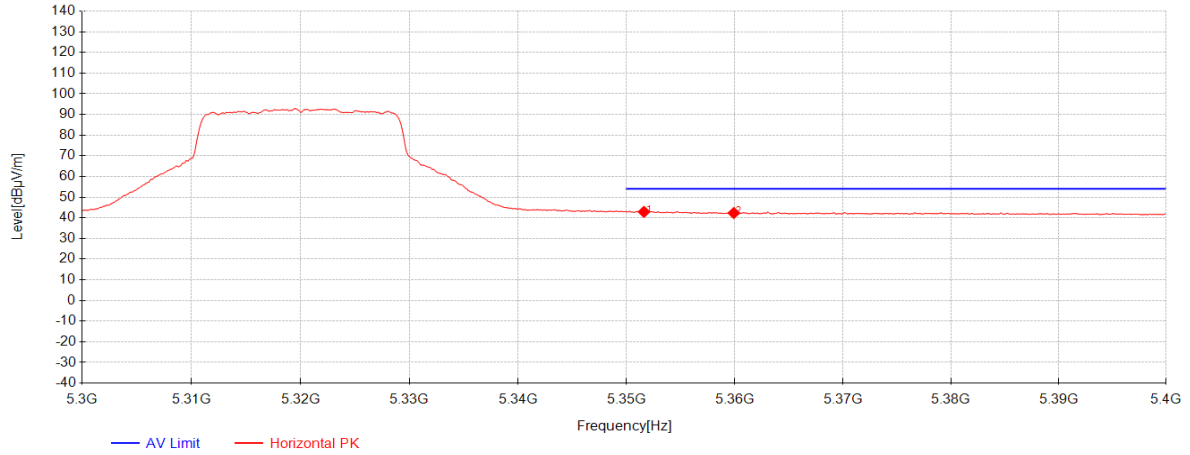
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.7	25.69	33.07	-18.20	40.56	54.00	13.44	Vertical
2	5147.74	25.86	33.07	-18.19	40.74	54.00	13.26	Vertical

11ac(VHT20)_TX_CH_64_Horizontal_Peak



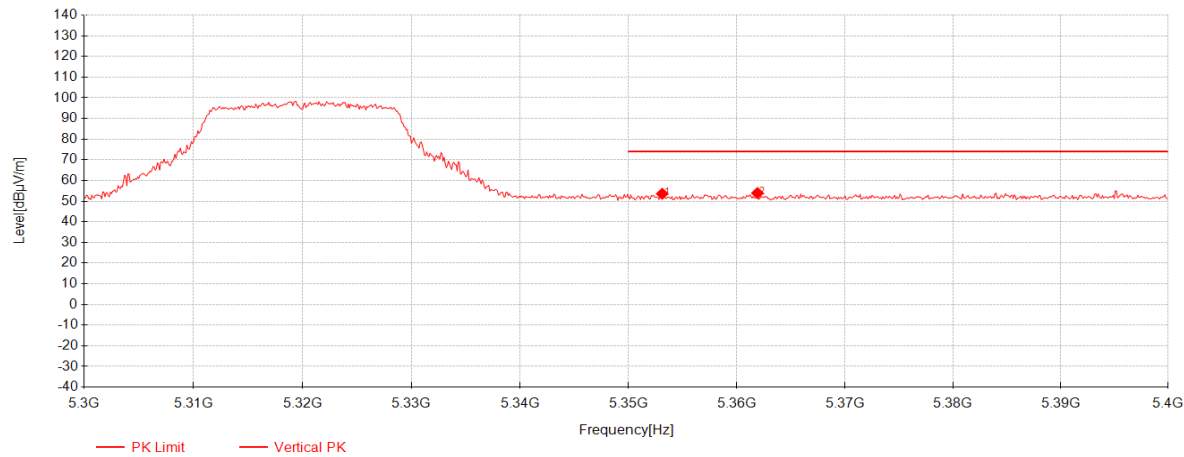
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.9	38.13	33.03	-17.75	53.41	74.00	20.59	Horizontal
2	5363.7	40.68	33.03	-17.77	55.94	74.00	18.06	Horizontal

11ac(VHT20)_TX_CH_64_Horizontal_Average



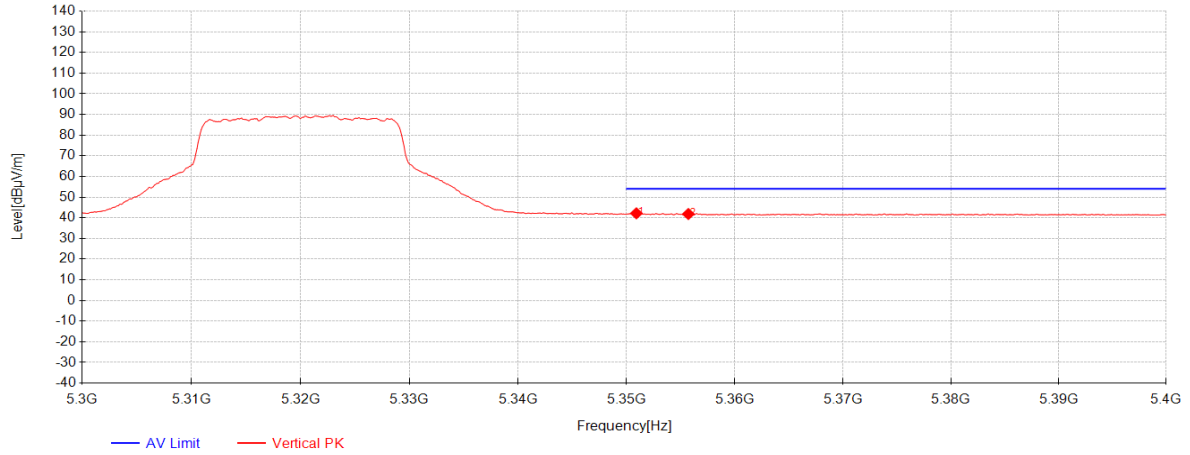
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.6	27.60	33.03	-17.75	42.88	54.00	11.12	Horizontal
2	5359.9	27.06	33.03	-17.76	42.32	54.00	11.68	Horizontal

11ac(VHT20)_TX_CH_64_Vetical_Peak



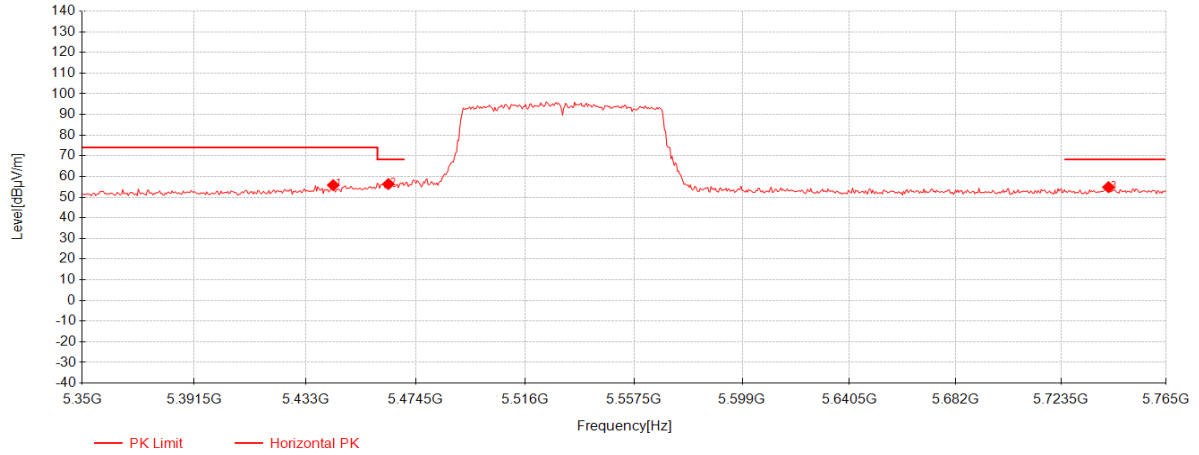
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5353.1	38.27	33.03	-17.75	53.55	74.00	20.45	Vertical
2	5361.9	38.64	33.03	-17.77	53.90	74.00	20.10	Vertical

11ac(VHT20)_TX_CH_64_Vertical_Average



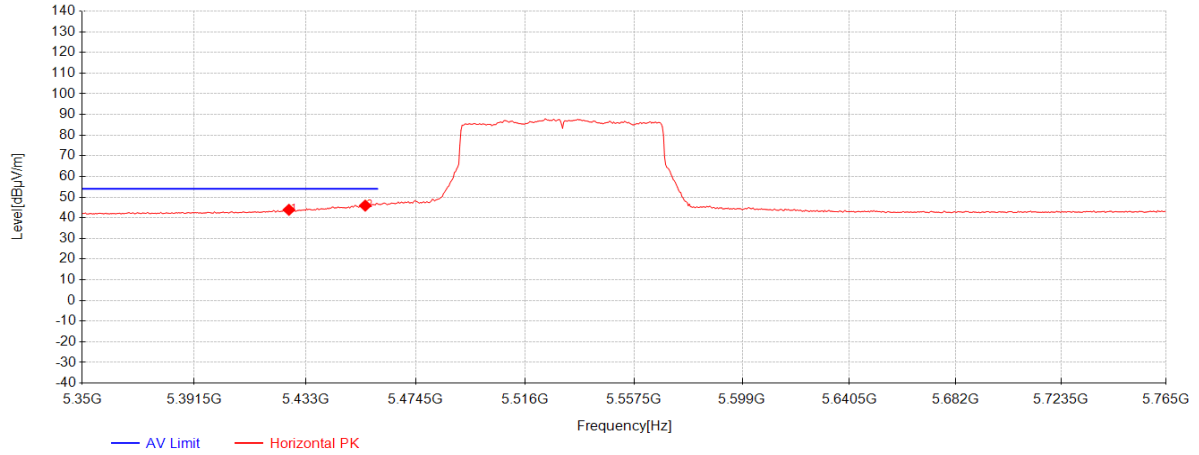
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.9	26.89	33.03	-17.75	42.17	54.00	11.83	Vertical
2	5355.7	26.56	33.03	-17.76	41.83	54.00	12.17	Vertical

11ac(VHT80)_TX_CH_106_Horizontal_Peak



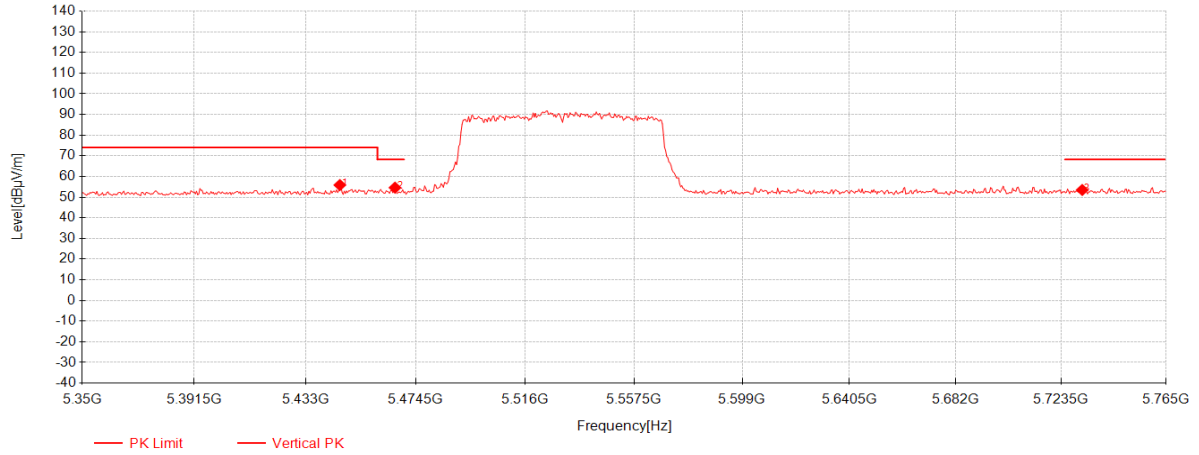
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5443.375	40.47	33.01	-17.69	55.79	74.00	18.21	Horizontal
2	5464.125	40.96	33.01	-17.63	56.34	68.20	11.86	Horizontal
3	5742.175	38.29	33.73	-17.20	54.82	68.20	13.38	Horizontal

11ac(VHT80)_TX_CH_106_Horizontal_Average



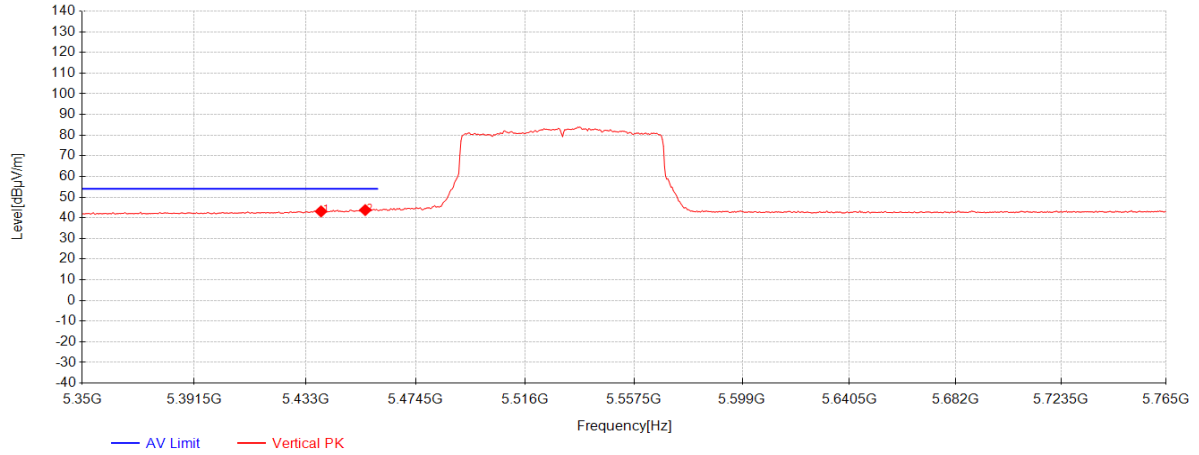
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5426.775	28.59	33.01	-17.74	43.86	54.00	10.14	Horizontal
2	5455.41	30.53	33.01	-17.65	45.89	54.00	8.11	Horizontal

11ac(VHT80)_TX_CH_106_Vertical_Peak



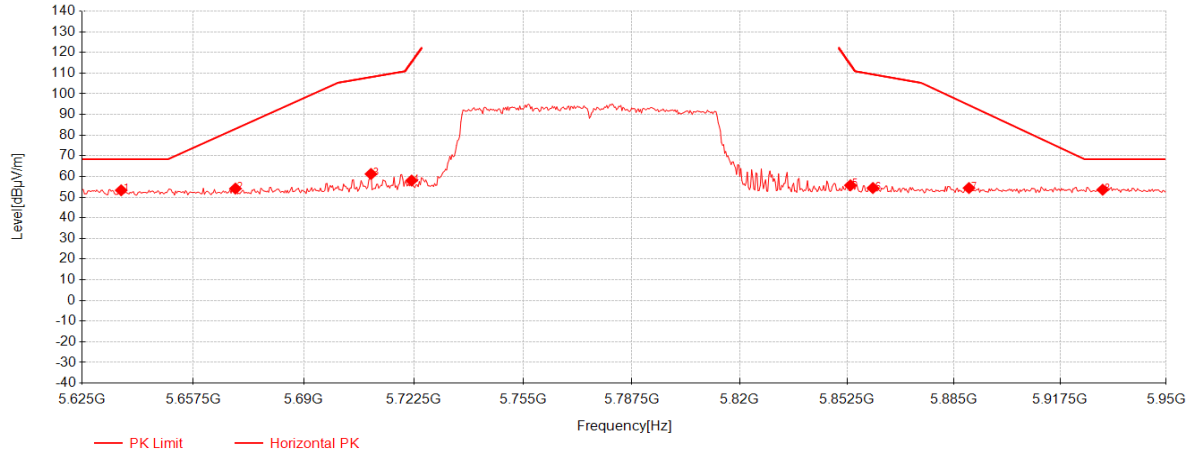
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5445.865	40.51	33.01	-17.68	55.84	74.00	18.16	Vertical
2	5466.615	39.18	33.01	-17.62	54.57	68.20	13.63	Vertical
3	5731.8	37.01	33.70	-17.23	53.47	68.20	14.73	Vertical

11ac(VHT80)_TX_CH_106_Veritical_Average



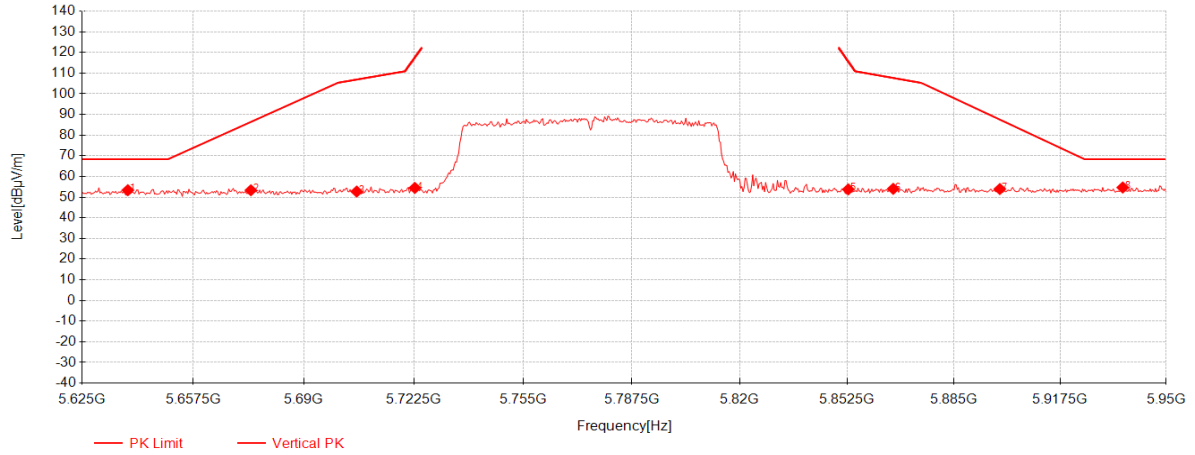
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5438.81	27.78	33.01	-17.70	43.09	54.00	10.91	Vertical
2	5455.41	28.37	33.01	-17.65	43.73	54.00	10.27	Vertical

11ac(VHT80)_TX_CH_155_Horizontal_Peak



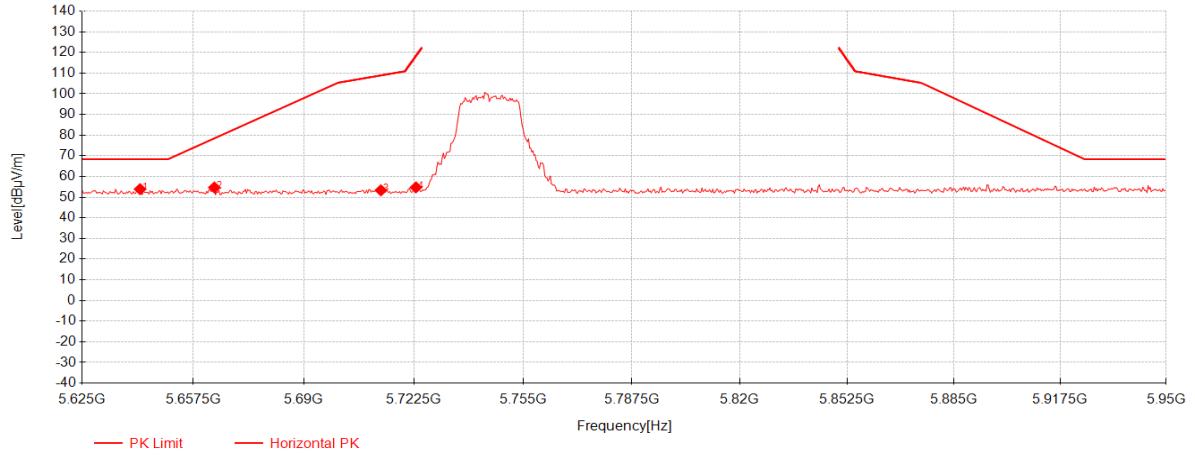
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5636.375	37.16	33.41	-17.27	53.30	68.30	15.00	Horizontal
2	5669.85	37.92	33.51	-17.30	54.13	83.03	28.90	Horizontal
3	5709.825	44.88	33.63	-17.30	61.21	108.05	46.84	Horizontal
4	5721.85	41.61	33.67	-17.26	58.01	115.12	57.11	Horizontal
5	5853.475	38.56	34.06	-16.91	55.71	114.38	58.67	Horizontal
6	5860.3	37.23	34.08	-16.89	54.42	109.41	54.99	Horizontal
7	5889.55	37.07	34.17	-16.83	54.41	94.50	40.09	Horizontal
8	5930.5	36.20	34.29	-16.90	53.59	68.30	14.71	Horizontal

11ac(VHT80)_TX_CH_155_Vertical_Peak



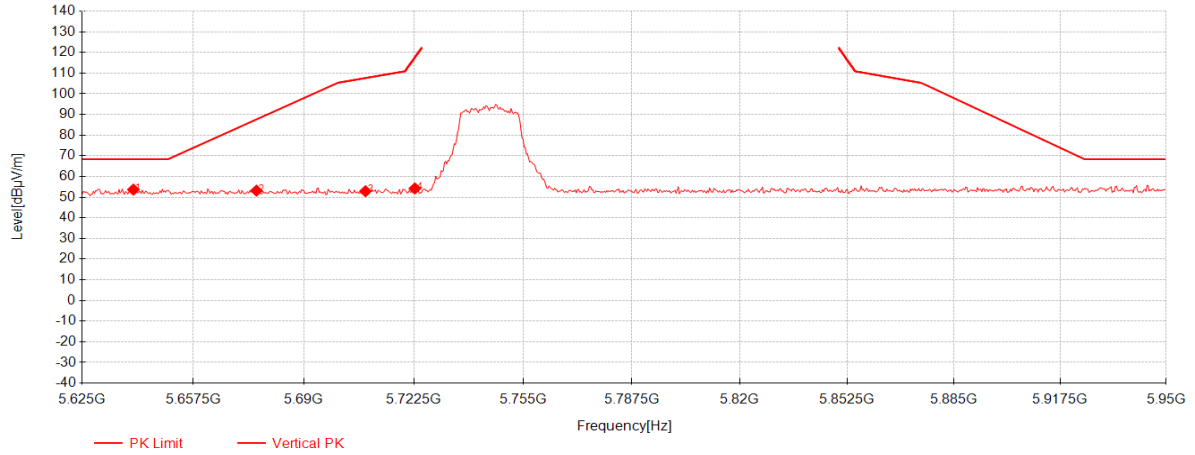
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5638.325	37.22	33.41	-17.27	53.37	68.30	14.93	Vertical
2	5674.4	37.10	33.52	-17.30	53.32	86.40	33.08	Vertical
3	5705.6	36.41	33.62	-17.31	52.71	106.87	54.16	Vertical
4	5722.825	38.03	33.67	-17.26	54.44	117.34	62.90	Vertical
5	5852.825	36.61	34.06	-16.91	53.76	115.86	62.10	Vertical
6	5866.475	36.80	34.10	-16.88	54.02	107.68	53.66	Vertical
7	5898.975	36.54	34.20	-16.81	53.92	87.52	33.60	Vertical
8	5936.675	37.25	34.31	-16.92	54.64	68.30	13.66	Vertical

11ac(VHT20)_TX_CH_149_Horizontal_Peak



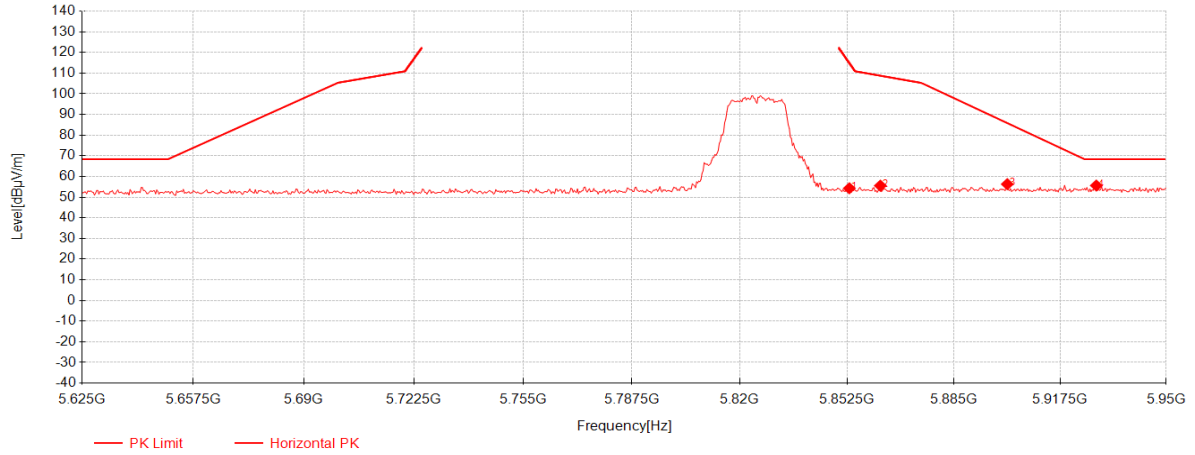
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5641.9	37.71	33.43	-17.27	53.86	68.30	14.44	Horizontal
2	5663.675	38.46	33.49	-17.29	54.66	78.45	23.79	Horizontal
3	5712.75	36.95	33.64	-17.29	53.30	108.87	55.57	Horizontal
4	5723.15	38.31	33.67	-17.26	54.72	118.08	63.36	Horizontal

11ac(VHT20)_TX_CH_149_Veritical_Peak



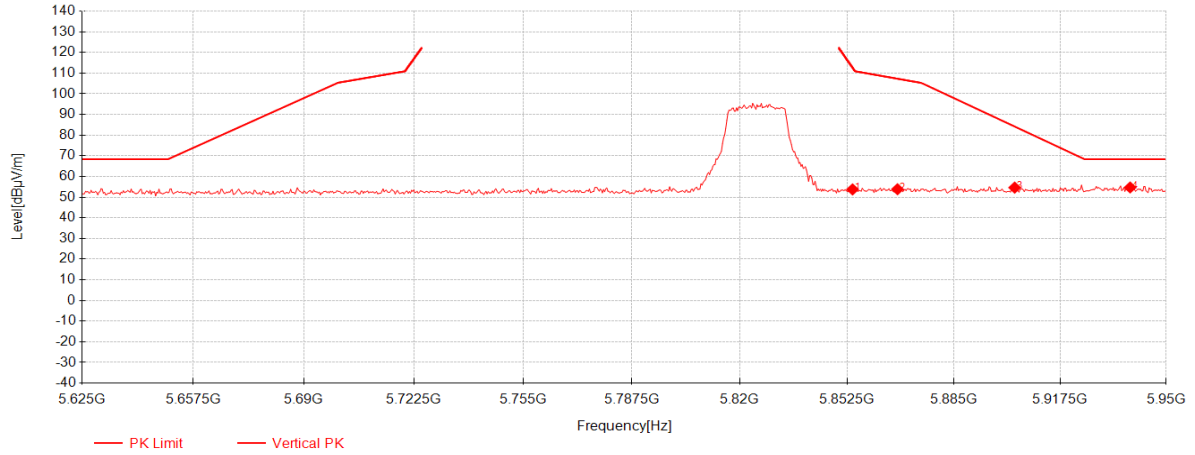
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5639.95	37.49	33.42	-17.27	53.64	68.30	14.66	Vertical
2	5676.025	36.94	33.53	-17.31	53.16	87.60	34.44	Vertical
3	5708.2	36.55	33.62	-17.30	52.87	107.60	54.73	Vertical
4	5722.825	37.79	33.67	-17.26	54.20	117.34	63.14	Vertical

11ac(VHT20)_TX_CH_165_Horizontal_Peak



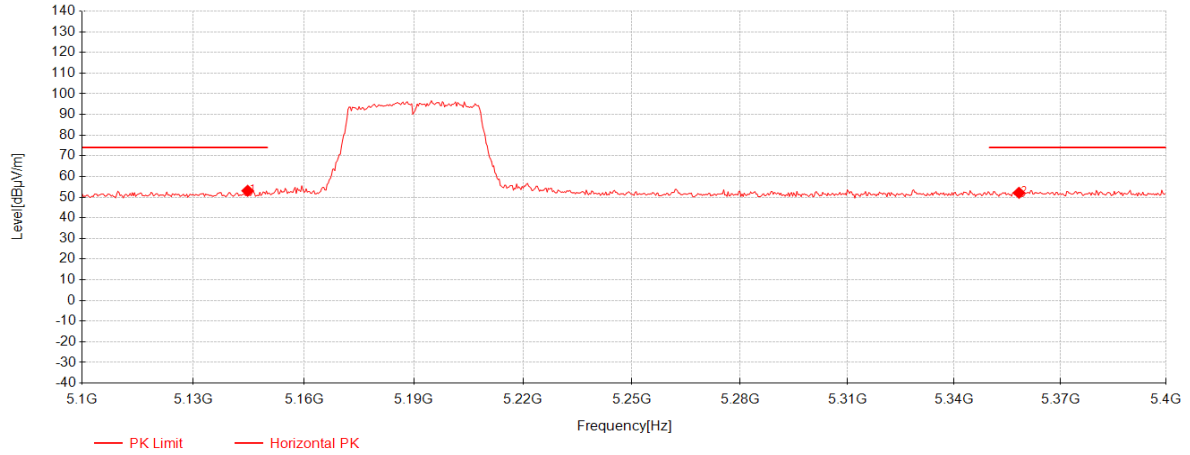
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5853.15	37.14	34.06	-16.91	54.29	115.12	60.83	Horizontal
2	5862.575	38.34	34.09	-16.89	55.54	108.78	53.24	Horizontal
3	5901.25	38.89	34.20	-16.81	56.28	85.84	29.56	Horizontal
4	5928.55	38.22	34.29	-16.90	55.61	68.30	12.69	Horizontal

11ac(VHT20)_TX_CH_165_Vertical_Peak



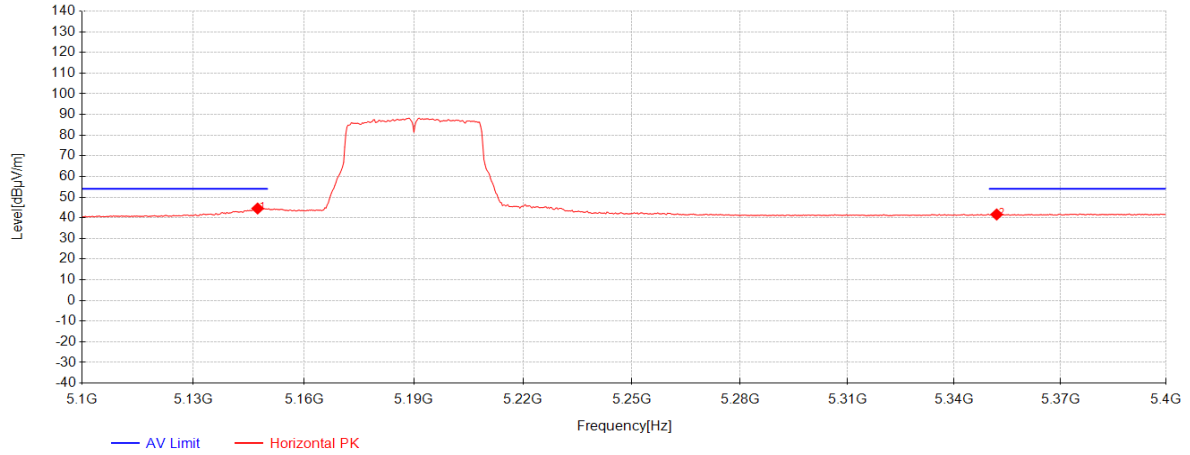
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5854.125	36.57	34.06	-16.91	53.73	112.89	59.16	Vertical
2	5867.775	36.60	34.10	-16.88	53.83	107.32	53.49	Vertical
3	5903.525	37.21	34.21	-16.82	54.60	84.15	29.55	Vertical
4	5938.95	37.29	34.32	-16.93	54.68	68.30	13.62	Vertical

11ac(VHT40)_TX_CH_38_Horizontal_Peak



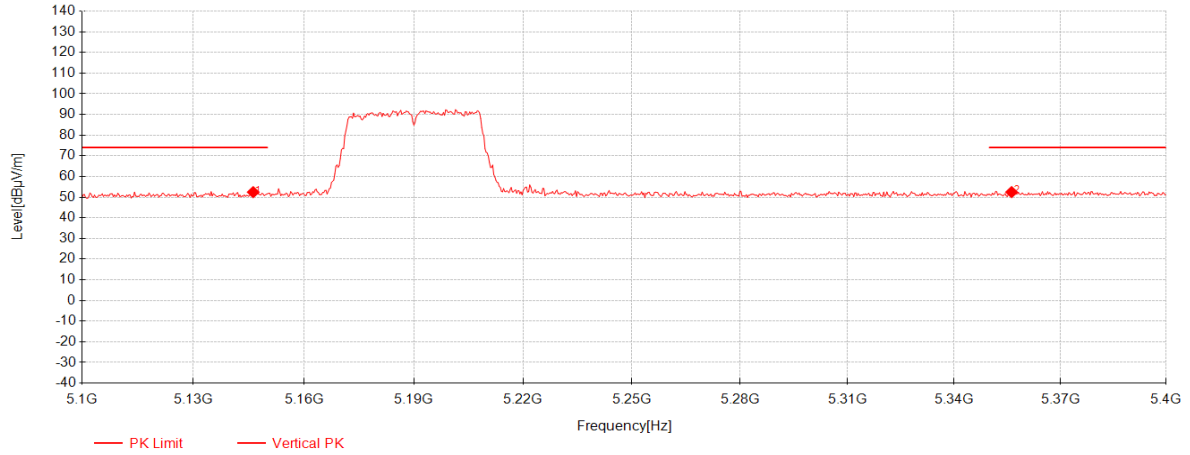
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.7	38.21	33.07	-18.20	53.09	74.00	20.91	Horizontal
2	5358.3	36.83	33.03	-17.76	52.10	74.00	21.90	Horizontal

11ac(VHT40)_TX_CH_38_Horizontal_Average



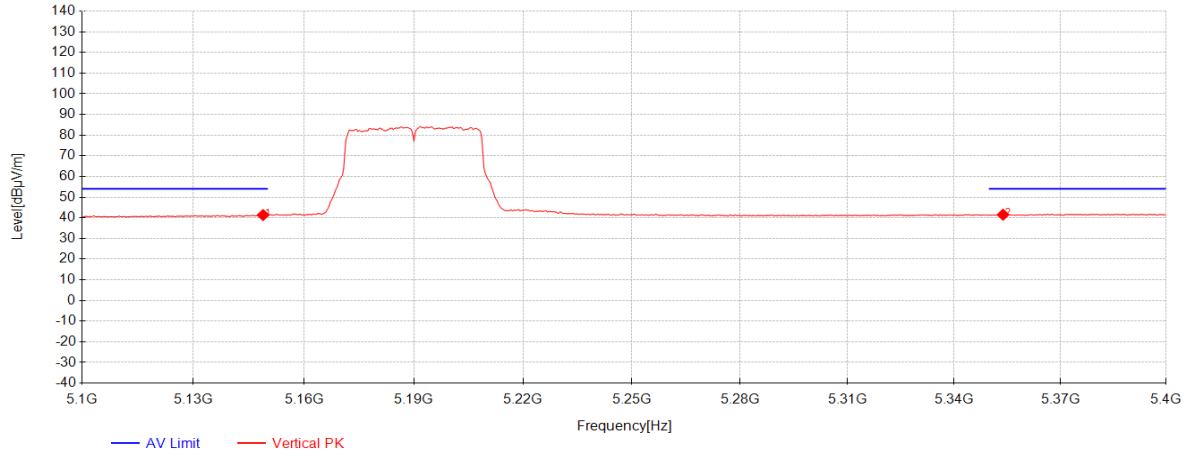
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.4	29.61	33.07	-18.19	44.49	54.00	9.51	Horizontal
2	5352	26.32	33.03	-17.75	41.60	54.00	12.40	Horizontal

11ac(VHT40)_TX_CH_38_Vetical_Peak



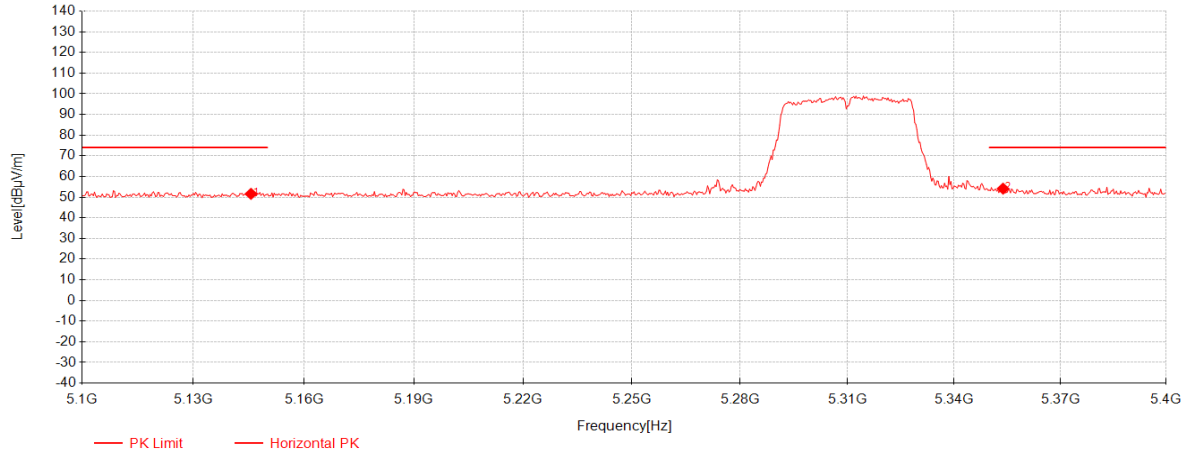
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.2	37.54	33.07	-18.19	52.42	74.00	21.58	Vertical
2	5356.2	37.17	33.03	-17.76	52.44	74.00	21.56	Vertical

11ac(VHT40)_TX_CH_38_Vertical_Average



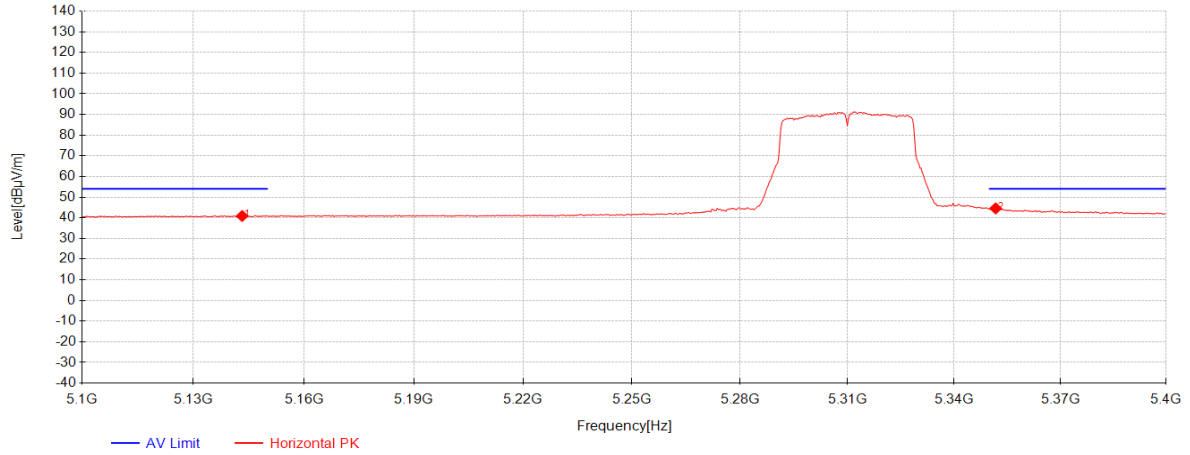
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.9	26.43	33.07	-18.18	41.32	54.00	12.68	Vertical
2	5353.8	26.23	33.03	-17.76	41.50	54.00	12.50	Vertical

11ac(VHT40)_TX_CH_62_Horizontal_Peak



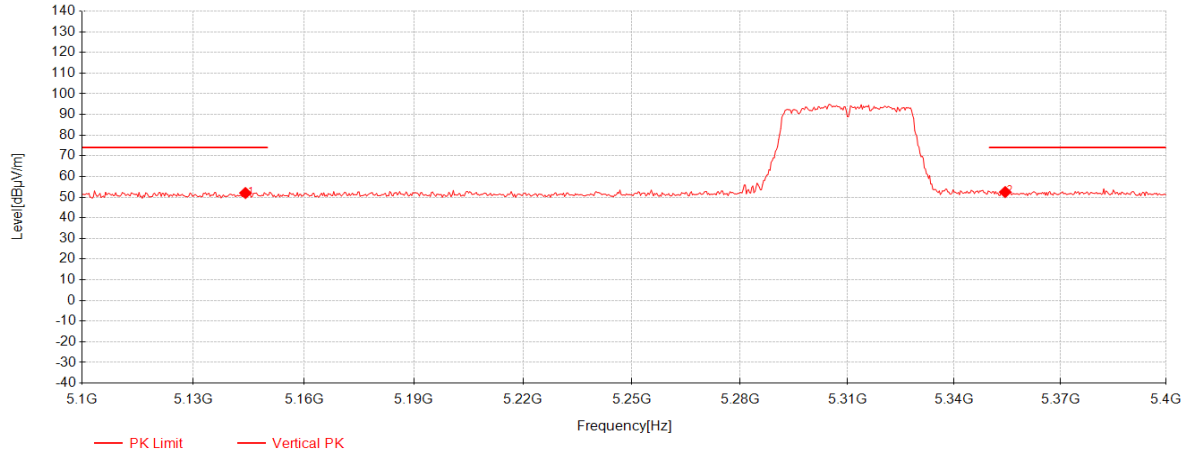
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.6	36.72	33.07	-18.19	51.60	74.00	22.40	Horizontal
2	5353.8	38.83	33.03	-17.76	54.10	74.00	19.90	Horizontal

11ac(VHT40)_TX_CH_62_Horizontal_Average



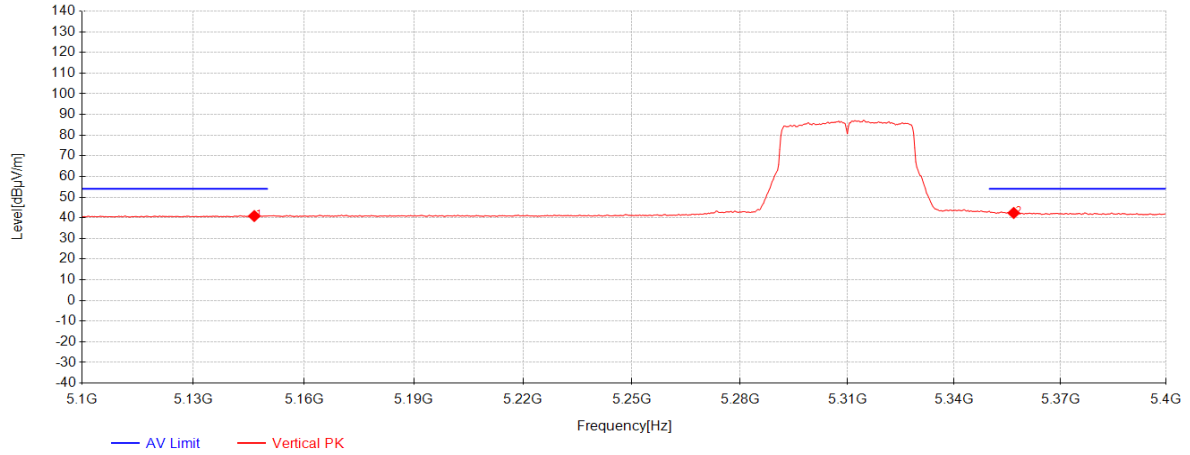
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.2	26.00	33.07	-18.20	40.87	54.00	13.13	Horizontal
2	5351.7	29.26	33.03	-17.75	44.54	54.00	9.46	Horizontal

11ac(VHT40)_TX_CH_62_Vertical_Peak



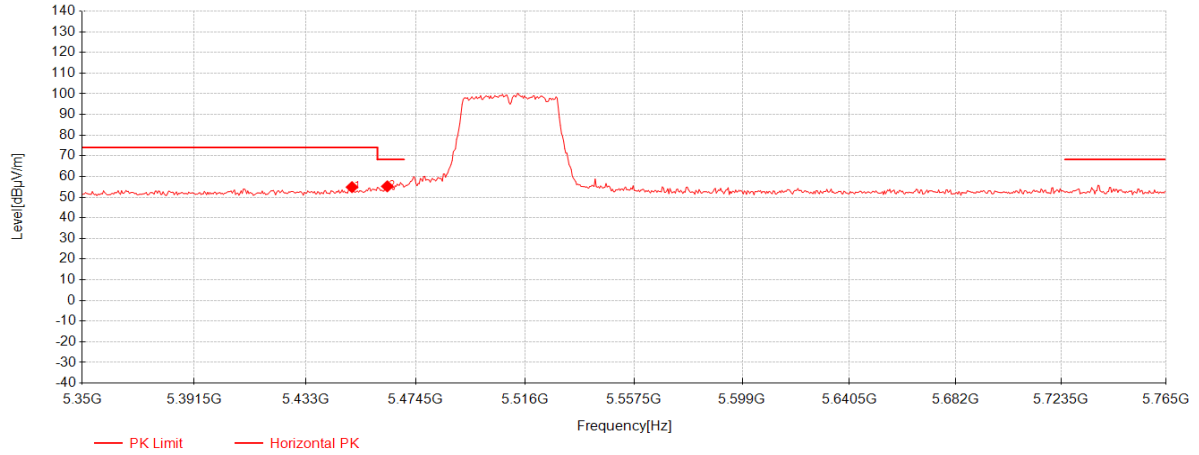
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.1	37.12	33.07	-18.20	51.99	74.00	22.01	Vertical
2	5354.4	37.19	33.03	-17.76	52.46	74.00	21.54	Vertical

11ac(VHT40)_TX_CH_62_Vetical_Average



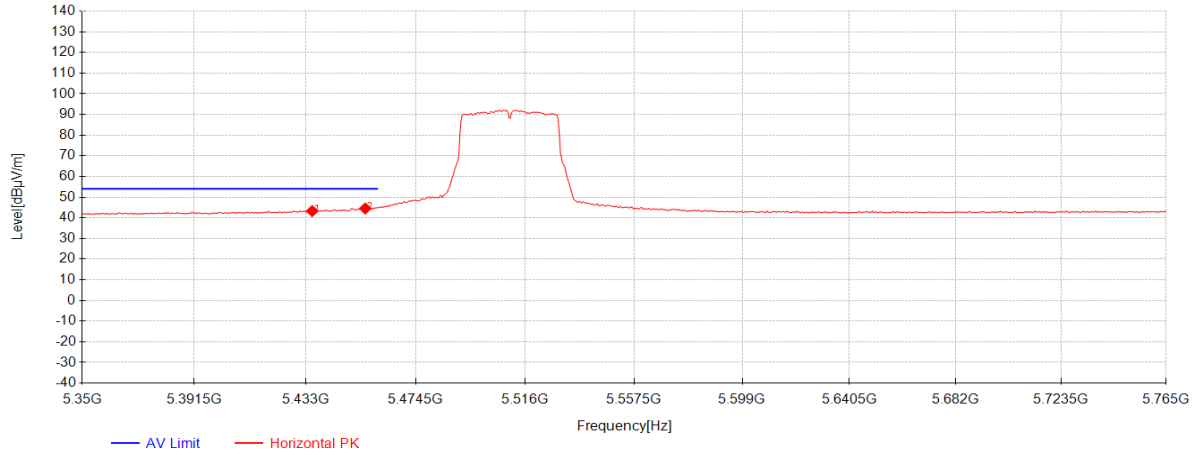
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.5	25.98	33.07	-18.19	40.86	54.00	13.14	Vertical
2	5356.8	27.07	33.03	-17.76	42.34	54.00	11.66	Vertical

11ac(VHT40)_TX_CH_102_Horizontal_Peak



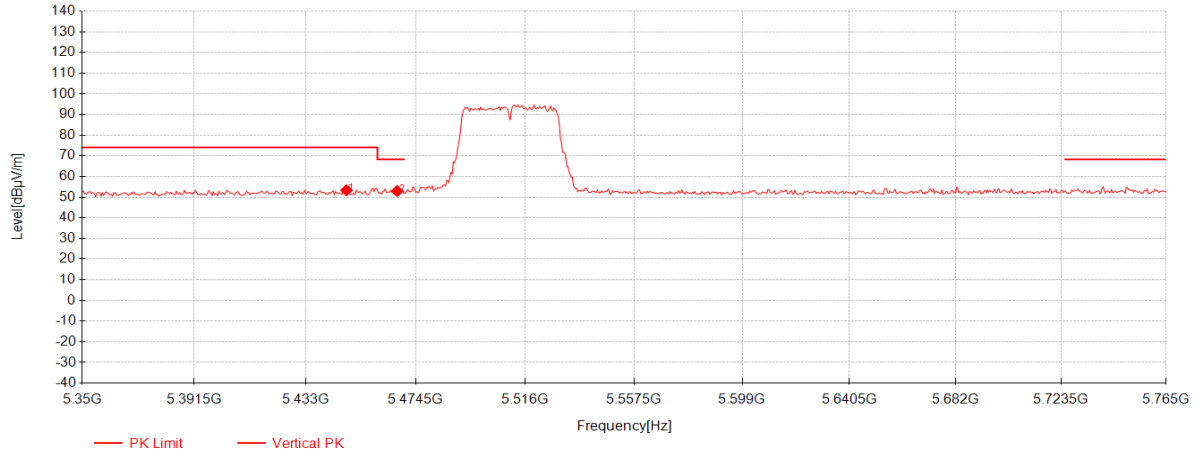
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5450.43	39.49	33.01	-17.67	54.83	74.00	19.17	Horizontal
2	5463.71	39.84	33.01	-17.63	55.22	68.20	12.98	Horizontal

11ac(VHT40)_TX_CH_102_Horizontal_Average



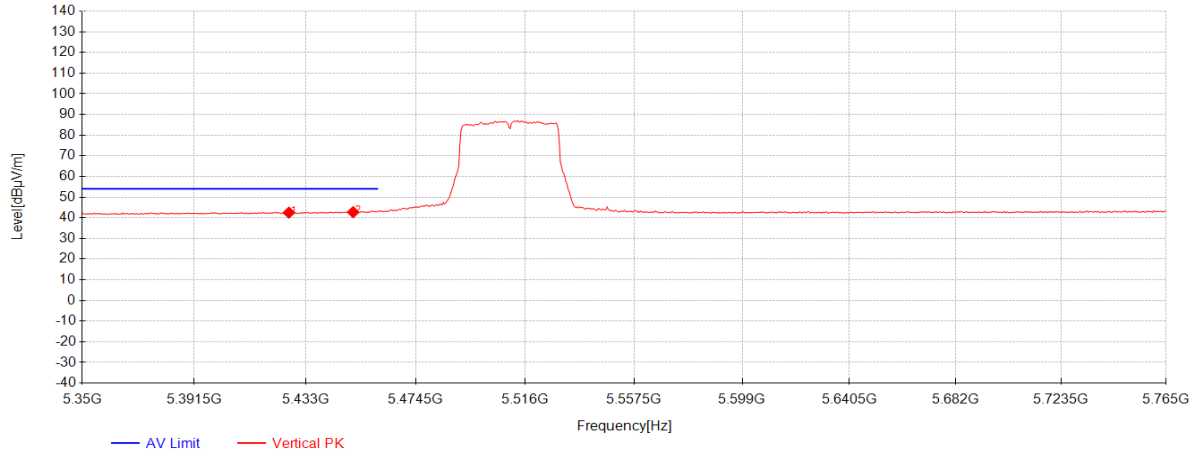
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5435.49	27.97	33.01	-17.71	43.27	54.00	10.73	Horizontal
2	5455.41	29.14	33.01	-17.65	44.50	54.00	9.50	Horizontal

11ac(VHT40)_TX_CH_102_Vertical_Peak



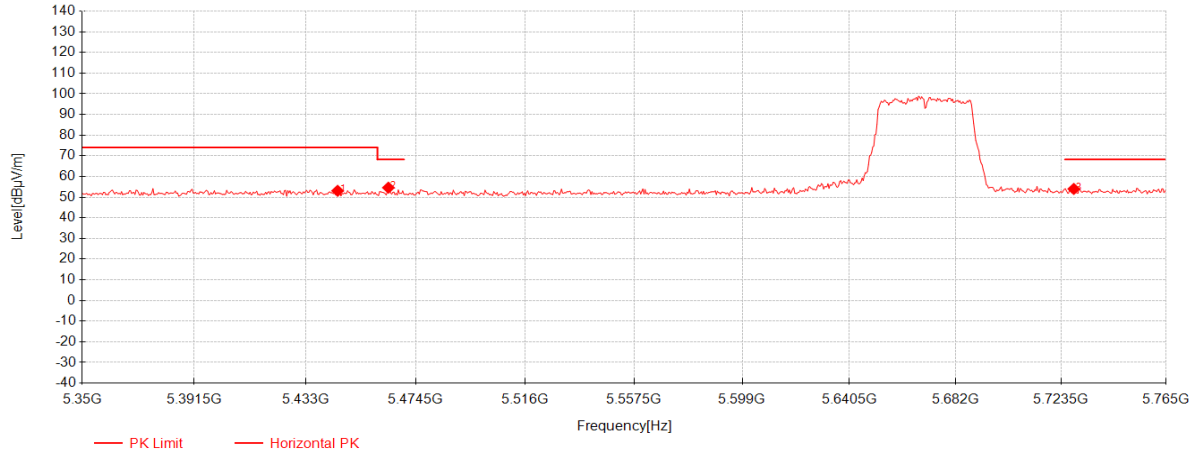
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5448.355	38.00	33.01	-17.67	53.34	74.00	20.66	Vertical
2	5467.445	37.56	33.01	-17.62	52.95	68.20	15.25	Vertical

11ac(VHT40)_TX_CH_102_Veritical_Average



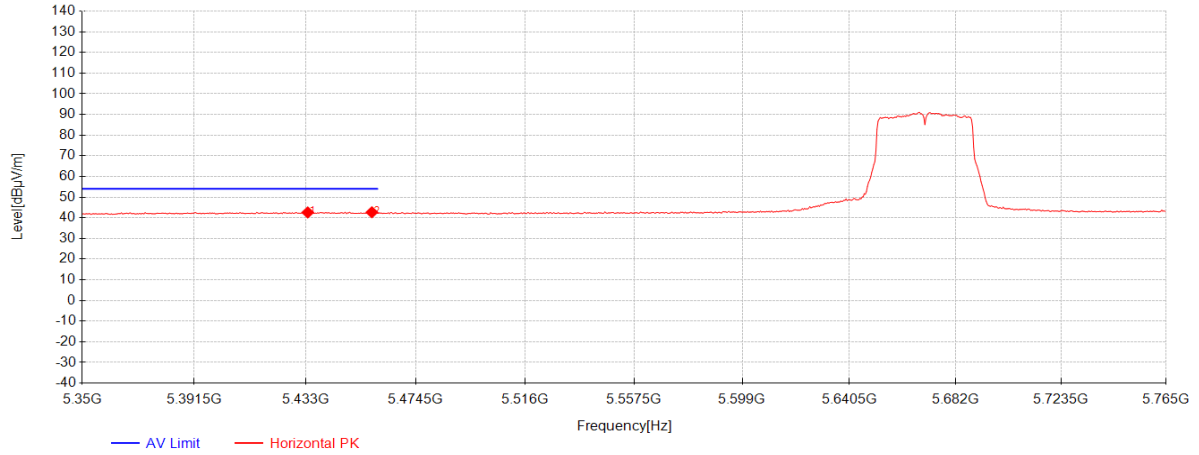
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5426.775	27.23	33.01	-17.74	42.50	54.00	11.50	Vertical
2	5450.845	27.38	33.01	-17.67	42.72	54.00	11.28	Vertical

11ac(VHT40)_TX_CH_134_Horizontal_Peak



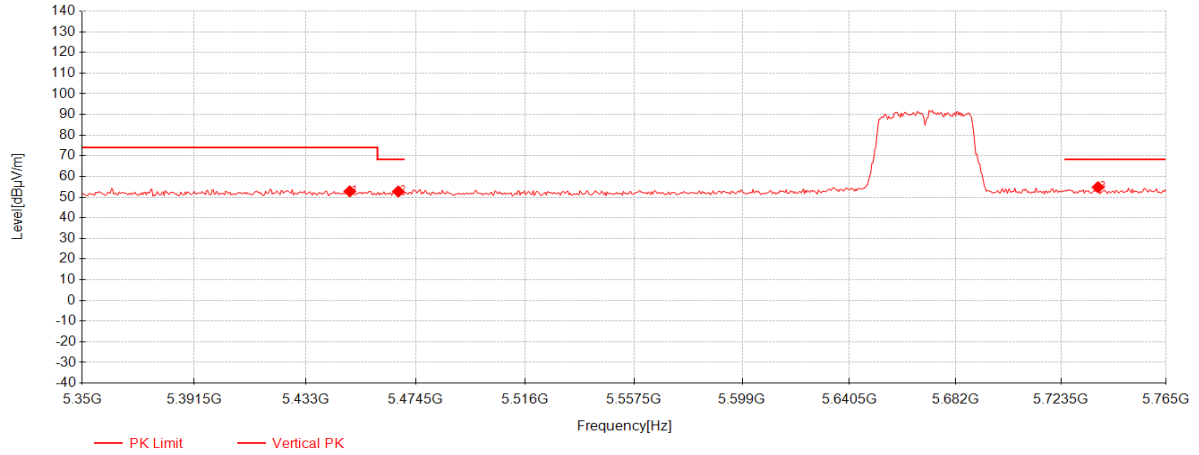
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5445.035	37.73	33.01	-17.68	53.06	74.00	20.94	Horizontal
2	5464.125	39.19	33.01	-17.63	54.57	68.20	13.63	Horizontal
3	5728.48	37.53	33.69	-17.24	53.97	68.20	14.23	Horizontal

11ac(VHT40)_TX_CH_134_Horizontal_Average



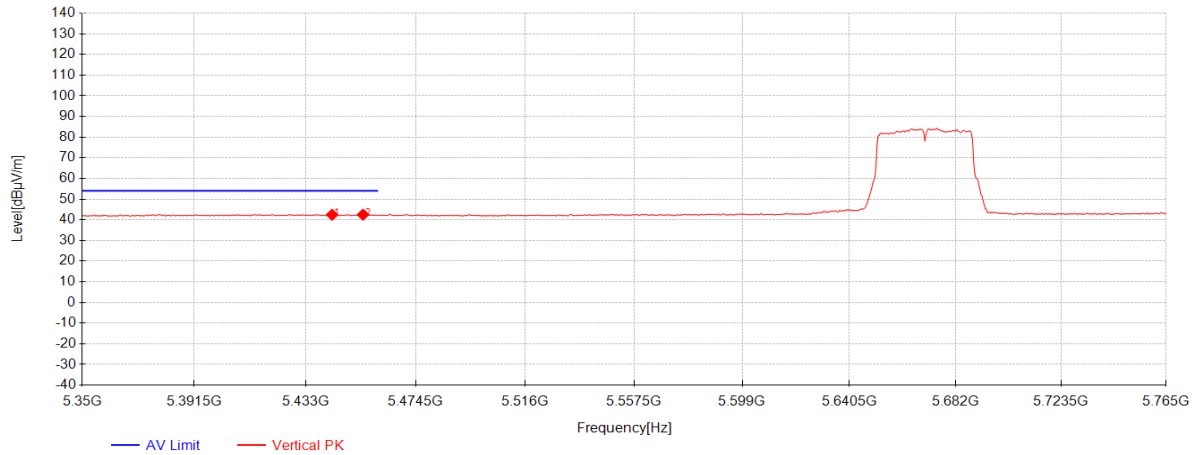
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5433.83	27.31	33.01	-17.72	42.60	54.00	11.40	Horizontal
2	5457.9	27.32	33.01	-17.65	42.68	54.00	11.32	Horizontal

11ac(VHT40)_TX_CH_134_Veritical_Peak



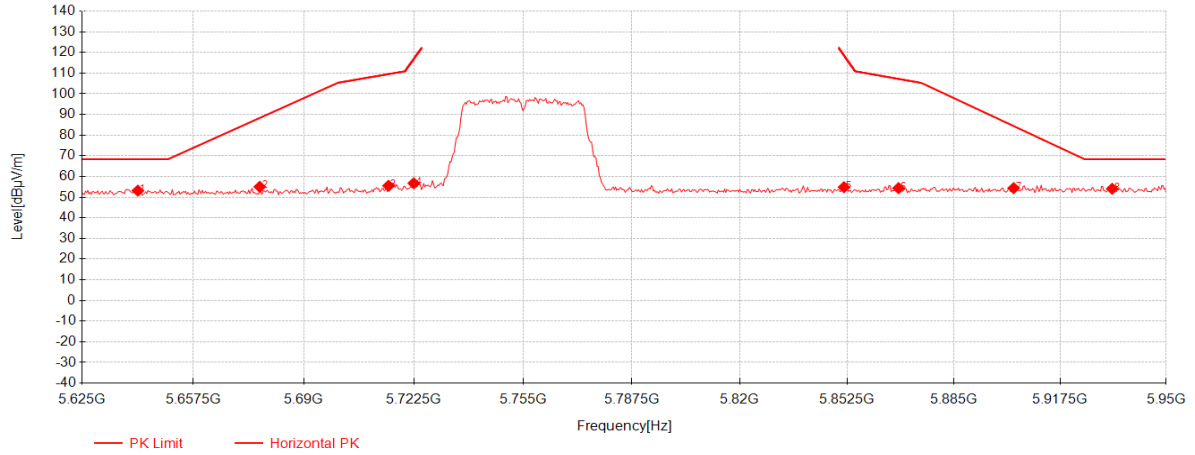
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5449.6	37.45	33.01	-17.67	52.79	74.00	21.21	Vertical
2	5467.86	37.34	33.01	-17.62	52.73	68.20	15.47	Vertical
3	5738.025	38.29	33.71	-17.21	54.79	68.20	13.41	Vertical

11ac(VHT40)_TX_CH_134_Veritical_Average



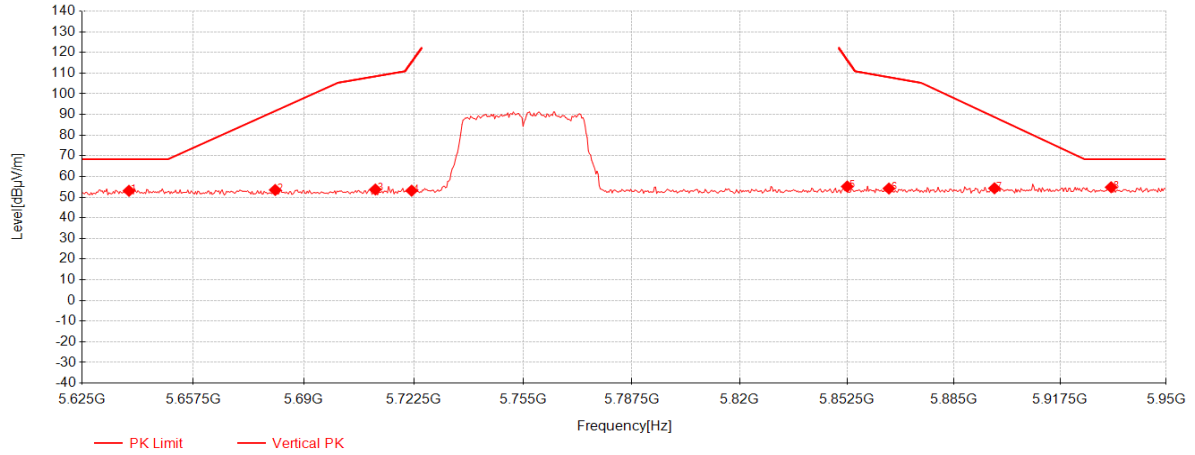
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5442.96	27.11	33.01	-17.69	42.43	54.00	11.57	Vertical
2	5454.58	27.13	33.01	-17.66	42.48	54.00	11.52	Vertical

11ac(VHT40)_TX_CH_151_Horizontal_Peak



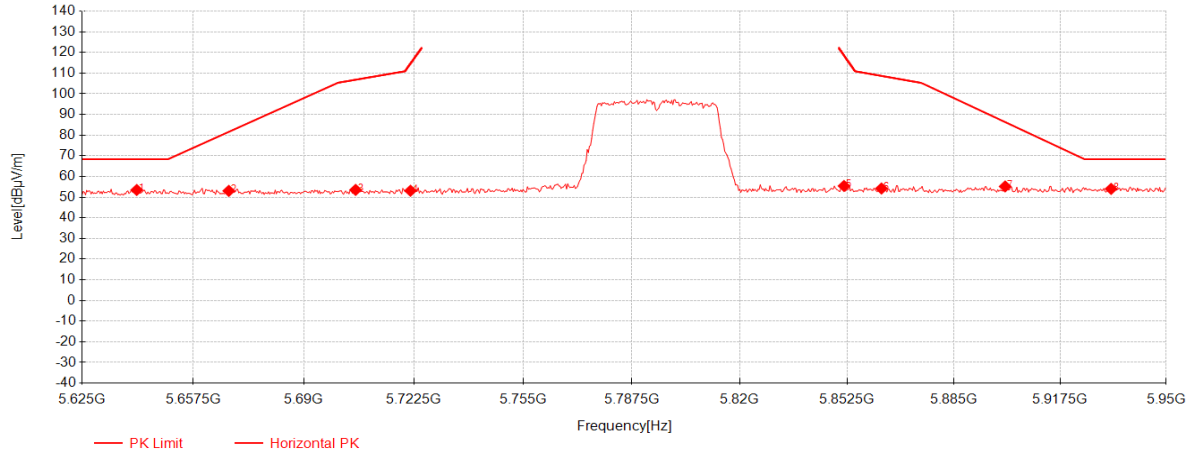
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5641.25	37.00	33.42	-17.27	53.15	68.30	15.15	Horizontal
2	5677	38.78	33.53	-17.31	55.00	88.32	33.32	Horizontal
3	5715.025	39.14	33.65	-17.28	55.50	109.51	54.01	Horizontal
4	5722.5	40.28	33.67	-17.26	56.69	116.60	59.91	Horizontal
5	5851.525	37.67	34.05	-16.91	54.81	118.82	64.01	Horizontal
6	5868.1	37.12	34.10	-16.88	54.35	107.23	52.88	Horizontal
7	5903.2	36.98	34.21	-16.82	54.37	84.39	30.02	Horizontal
8	5933.425	36.66	34.30	-16.91	54.05	68.30	14.25	Horizontal

11ac(VHT40)_TX_CH_151_Vertical_Peak



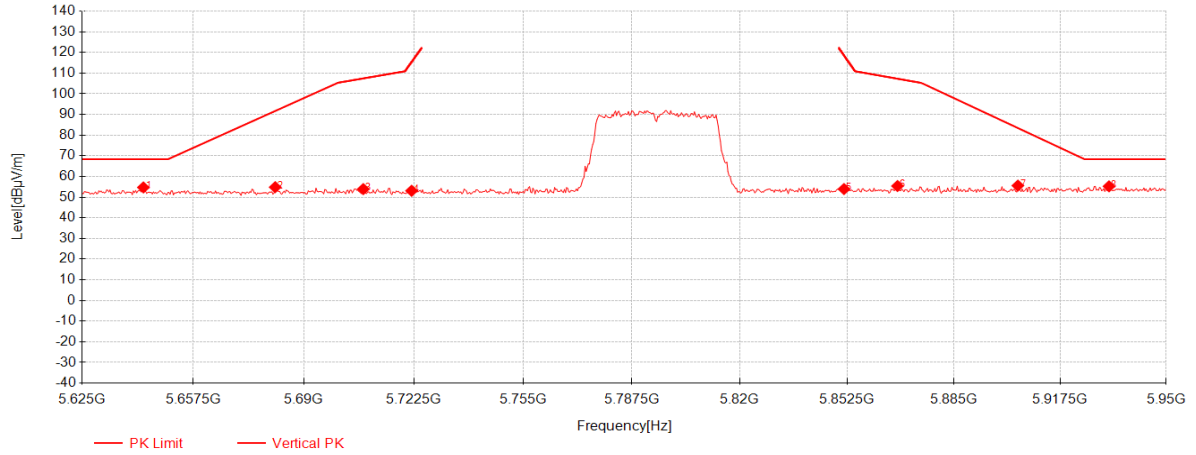
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5638.65	36.92	33.42	-17.27	53.07	68.30	15.23	Vertical
2	5681.55	37.25	33.54	-17.31	53.48	91.68	38.20	Vertical
3	5711.125	37.36	33.63	-17.30	53.70	108.42	54.72	Vertical
4	5721.85	36.73	33.67	-17.26	53.13	115.12	61.99	Vertical
5	5852.5	37.99	34.06	-16.91	55.14	116.60	61.46	Vertical
6	5865.175	36.94	34.10	-16.88	54.15	108.05	53.90	Vertical
7	5897.35	36.89	34.19	-16.82	54.27	88.72	34.45	Vertical
8	5933.1	37.38	34.30	-16.91	54.77	68.30	13.53	Vertical

11ac(VHT40)_TX_CH_159_Horizontal_Peak



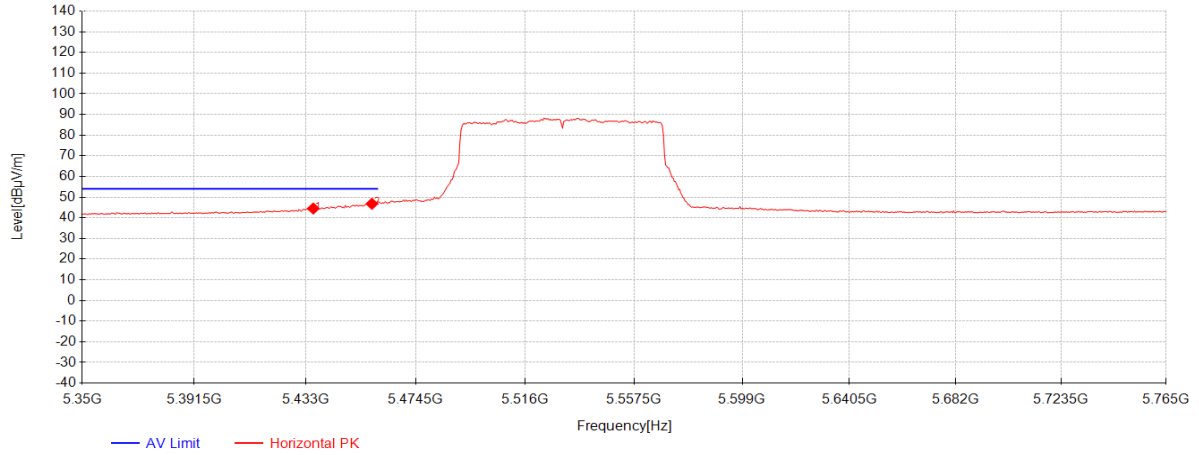
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5640.925	37.33	33.42	-17.27	53.48	68.30	14.82	Horizontal
2	5667.9	36.83	33.50	-17.30	53.04	81.58	28.54	Horizontal
3	5705.275	37.22	33.62	-17.31	53.52	106.78	53.26	Horizontal
4	5721.525	36.70	33.66	-17.26	53.10	114.38	61.28	Horizontal
5	5851.525	38.27	34.05	-16.91	55.41	118.82	63.41	Horizontal
6	5862.9	36.96	34.09	-16.89	54.16	108.69	54.53	Horizontal
7	5900.6	37.78	34.20	-16.81	55.17	86.32	31.15	Horizontal
8	5933.1	36.60	34.30	-16.91	53.99	68.30	14.31	Horizontal

11ac(VHT40)_TX_CH_159_Vertical_Peak



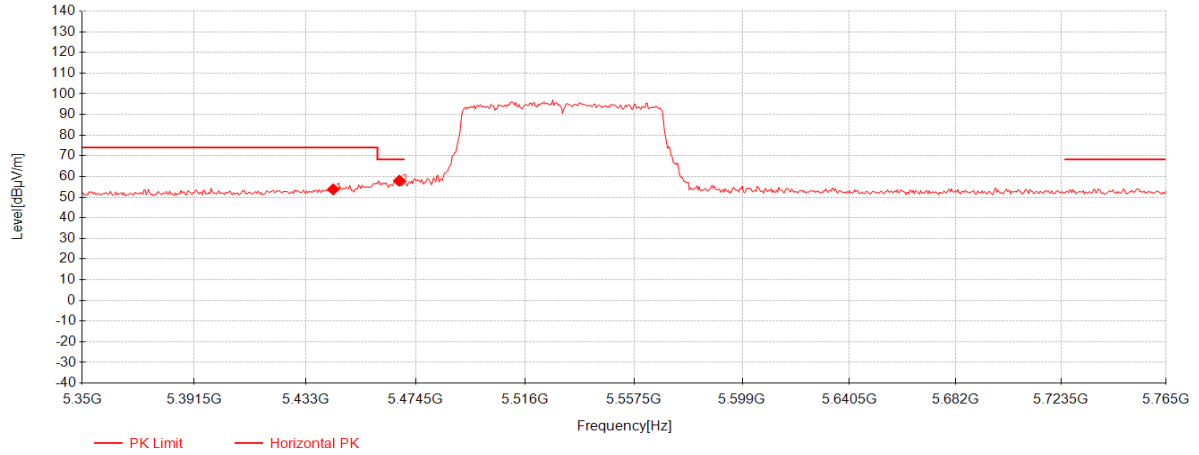
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.875	38.54	33.43	-17.27	54.70	68.30	13.60	Vertical
2	5681.55	38.59	33.54	-17.31	54.82	91.68	36.86	Vertical
3	5707.55	37.57	33.62	-17.31	53.89	107.42	53.53	Vertical
4	5721.85	36.68	33.67	-17.26	53.08	115.12	62.04	Vertical
5	5851.525	36.77	34.05	-16.91	53.91	118.82	64.91	Vertical
6	5867.775	38.14	34.10	-16.88	55.37	107.32	51.95	Vertical
7	5904.5	38.18	34.21	-16.82	55.57	83.43	27.86	Vertical
8	5932.45	37.84	34.30	-16.91	55.23	68.30	13.07	Vertical

11ac(VHT80)_TX_CH_42_Horizontal_Peak



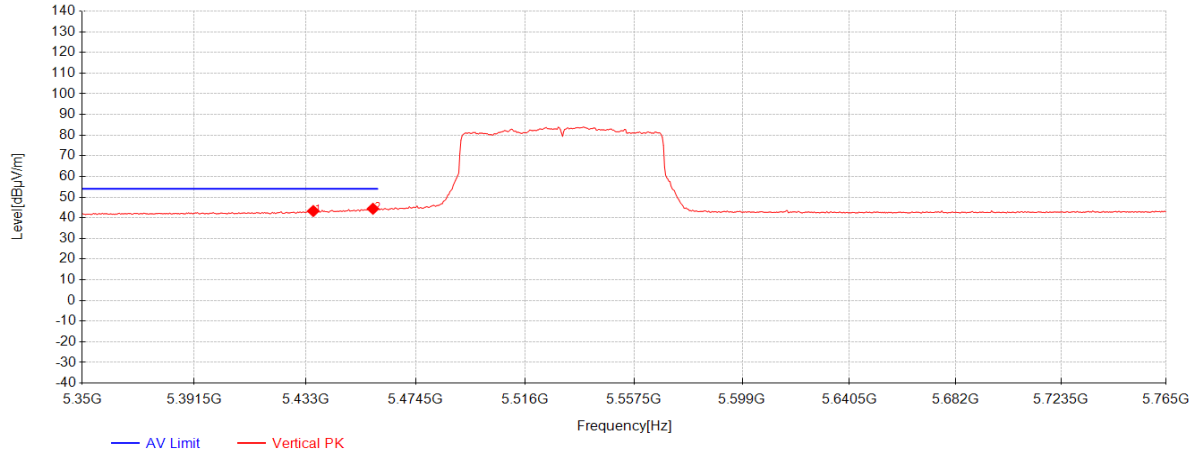
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5435.905	29.20	33.01	-17.71	44.50	54.00	9.50	Horizontal
2	5457.9	31.42	33.01	-17.65	46.78	54.00	7.22	Horizontal

11ac(VHT80)_TX_CH_42_Horizontal_Average



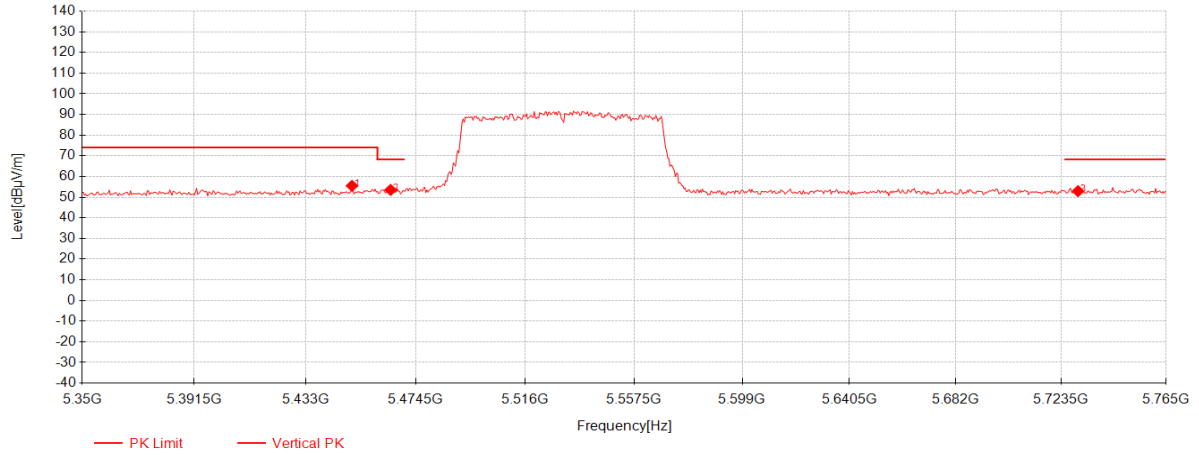
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5443.375	38.44	33.01	-17.69	53.76	74.00	20.24	Horizontal
2	5468.275	42.58	33.01	-17.62	57.97	68.20	10.23	Horizontal

11ac(VHT80)_TX_CH_42_Vetical_Peak



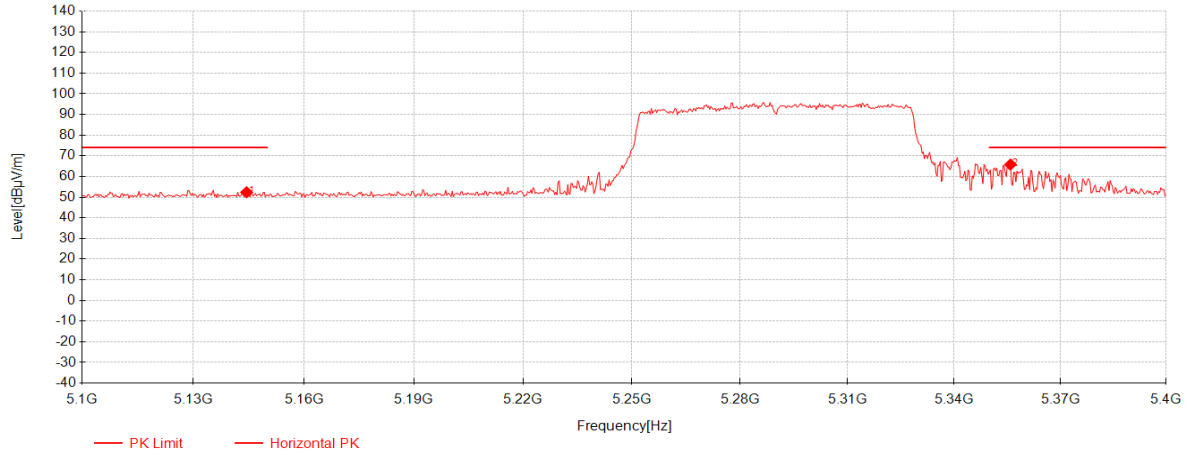
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5435.905	27.99	33.01	-17.71	43.29	54.00	10.71	Vertical
2	5458.315	29.01	33.01	-17.65	44.37	54.00	9.63	Vertical

11ac(VHT80)_TX_CH_42_Vetical_Average



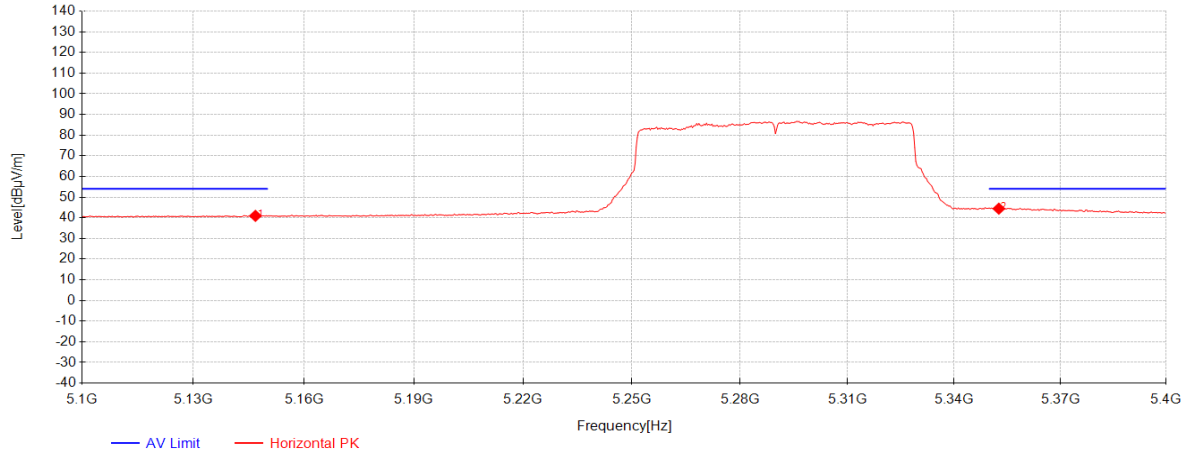
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5450.43	40.14	33.01	-17.67	55.48	74.00	18.52	Vertical
2	5464.955	38.11	33.01	-17.63	53.49	68.20	14.71	Vertical
3	5730.14	36.46	33.69	-17.24	52.91	68.20	15.29	Vertical

11ac(VHT80)_TX_CH_58_Horizontal_Peak



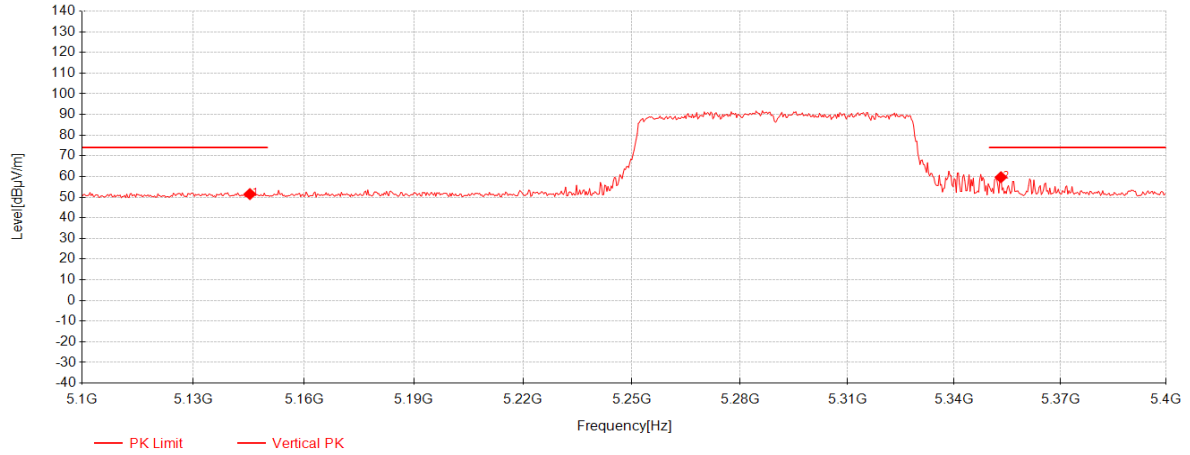
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.4	37.50	33.07	-18.20	52.37	74.00	21.63	Horizontal
2	5355.9	50.52	33.03	-17.76	65.79	74.00	8.21	Horizontal

11ac(VHT80)_TX_CH_58_Horizontal_Average



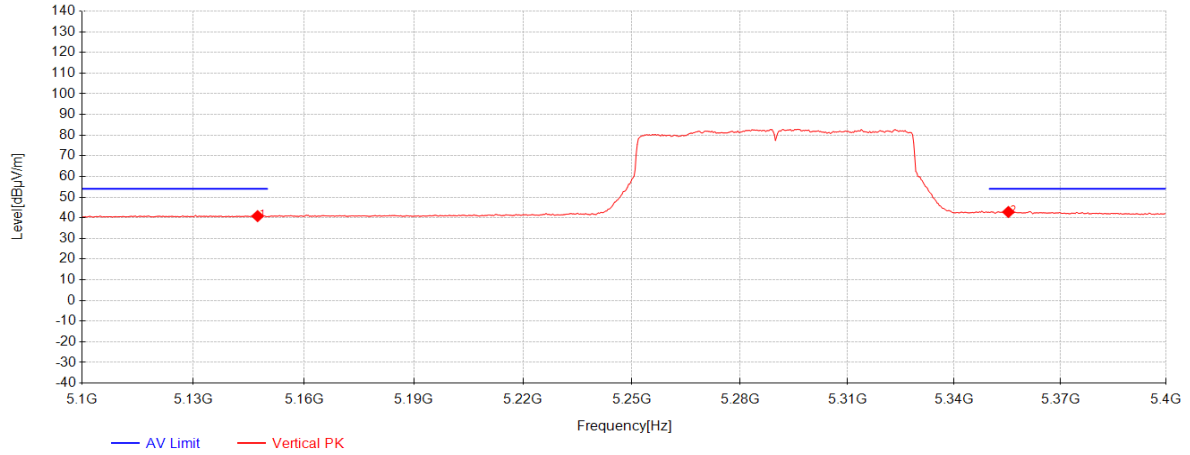
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.8	26.06	33.07	-18.19	40.94	54.00	13.06	Horizontal
2	5352.6	29.15	33.03	-17.75	44.43	54.00	9.57	Horizontal

11ac(VHT80)_TX_CH_58_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.3	36.59	33.07	-18.19	51.47	74.00	22.53	Vertical
2	5353.2	44.35	33.03	-17.75	59.62	74.00	14.38	Vertical

11ac(VHT80)_TX_CH_58_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.4	25.94	33.07	-18.19	40.82	54.00	13.18	Vertical
2	5355.3	27.56	33.03	-17.76	42.83	54.00	11.17	Vertical

7.5 Duty Cycle

Test Requirement ANSI C63.10-2020+Cor.1-2023 Section 12.2

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.2

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

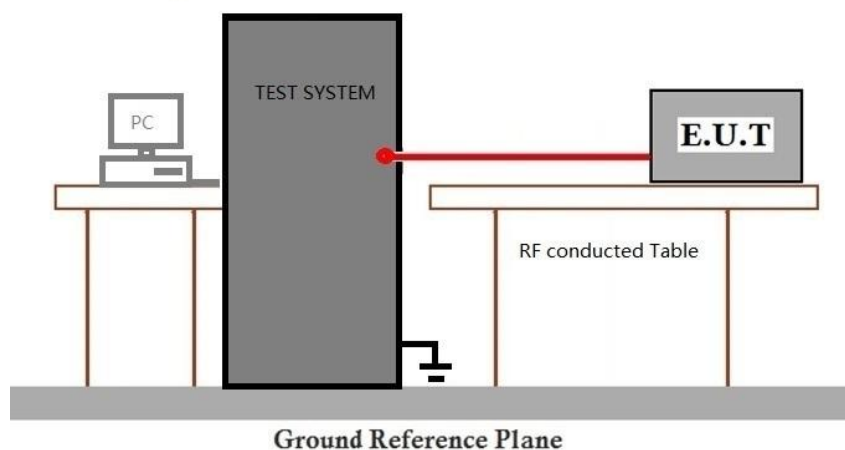
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	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	06	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	07	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	08	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.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.6 99% Bandwidth

Test Requirement ANSI C63.10-2020+Cor.1-2023 Section 12.5.3

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 6.9.3

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

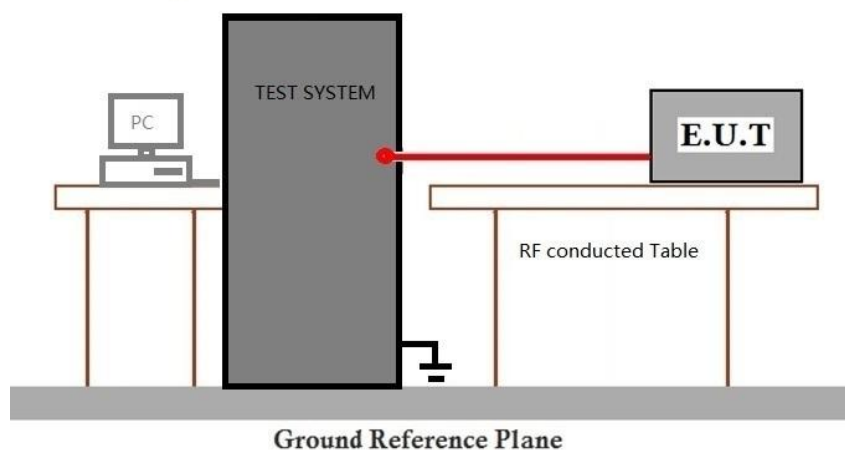
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	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	06	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	07	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	08	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.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 26dB Emission Bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.5.2

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

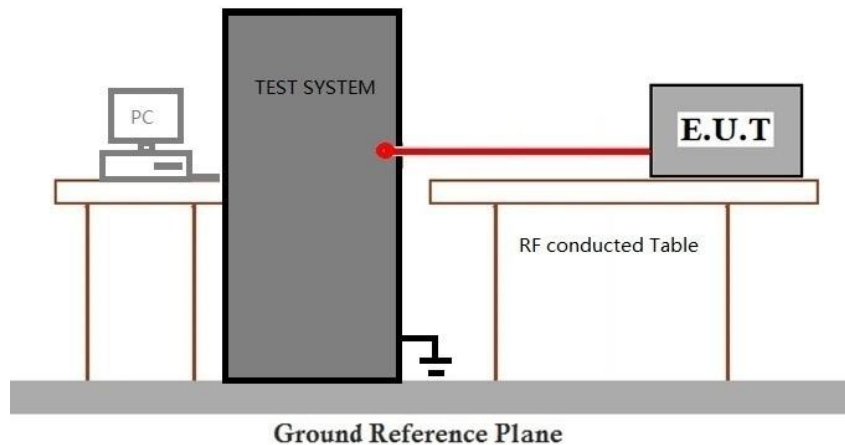
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	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	06	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	07	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.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 Minimum 6 dB Bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.5.1

Limit:

Frequency band(MHz)	Limit
5725-5850	≥ 500 kHz

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C

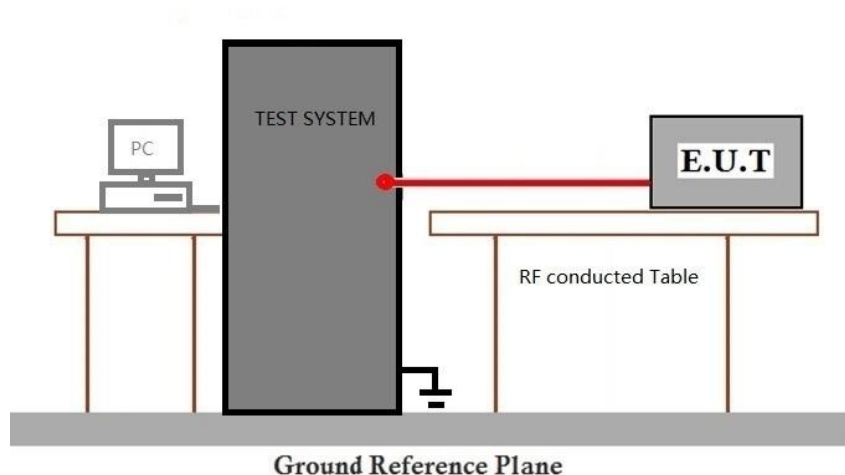
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 Maximum Conducted Output Power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.4

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

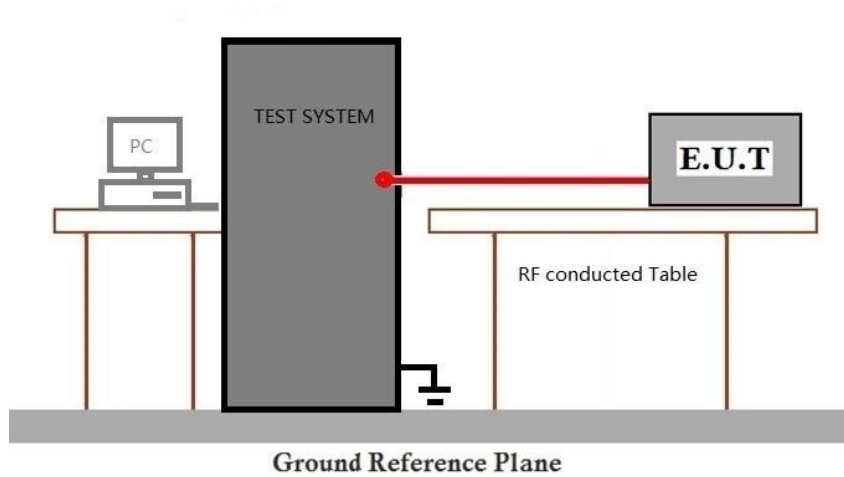
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	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	06	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	07	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	08	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.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level + Cable loss + DCCF

Please Refer to Appendix for Details

7.10 Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.6

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.10.1 E.U.T. Operation

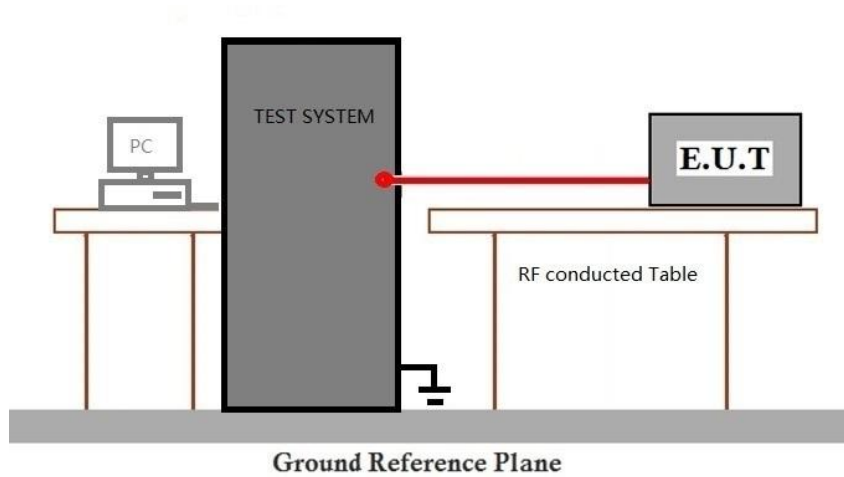
Operating Environment:

Temperature: 24 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	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	06	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	07	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	08	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.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

Please Refer to Appendix for Details

7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)
Test Method: ANSI C63.10-2020+Cor.1-2023 Section 6.8

7.11.1 E.U.T. Operation

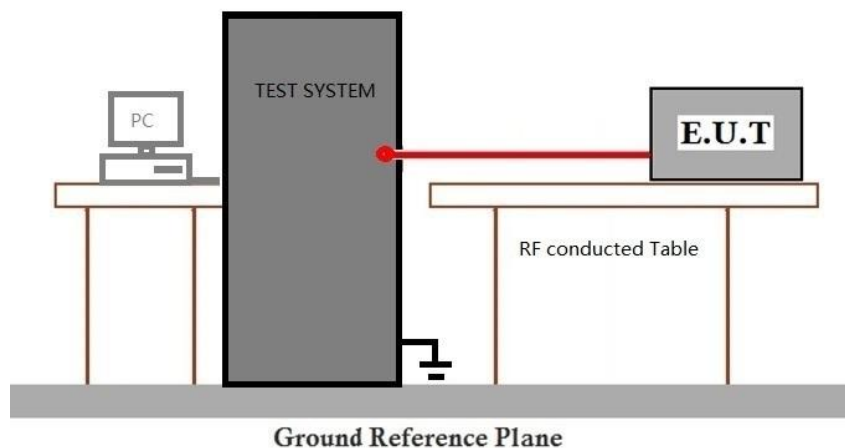
Operating Environment:

Temperature: 22 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	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	06	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	07	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	08	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.

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.12 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.12.1 E.U.T. Operation

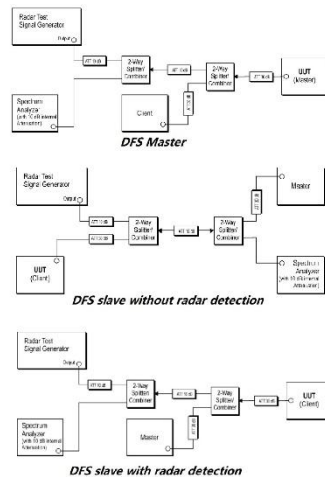
Operating Environment:

Temperature: 24 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Normal operating_Keep the EUT communication with the companion device.

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.13 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.13.1 E.U.T. Operation

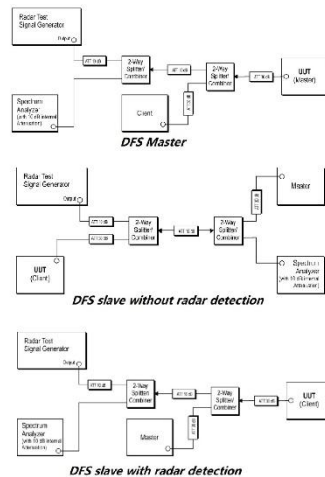
Operating Environment:

Temperature: 22 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Normal operating_Keep the EUT communication with the companion device.

7.13.3 Test Setup Diagram



7.13.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2605000424WM

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SUCR2605000424WM

10 Appendix

1. Duty Cycle

1.1 Test Result

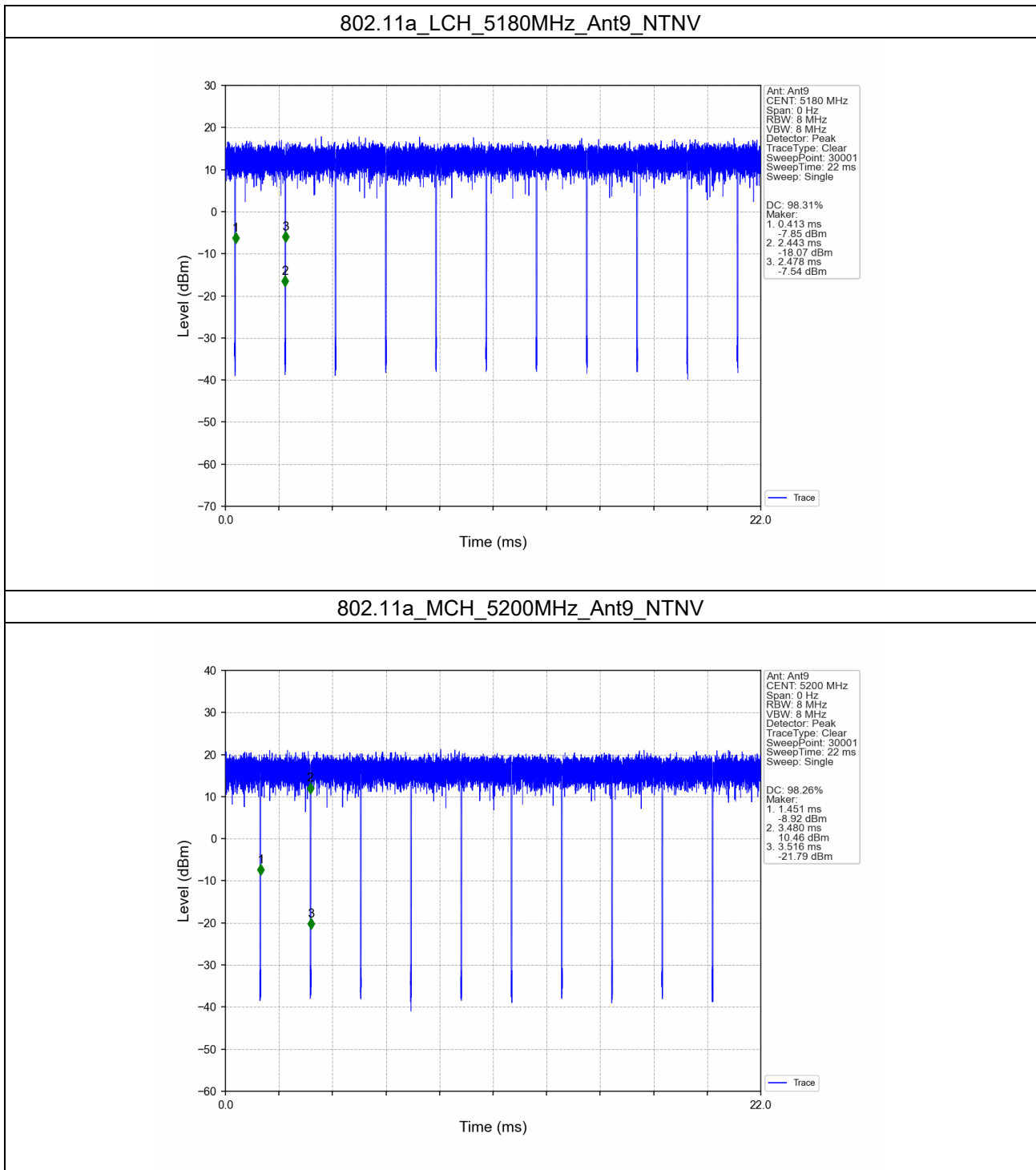
1.1.1 Ant9

Ant9							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	2.030	2.065	98.31	0.07	0.03
		5200	2.029	2.065	98.26	0.08	0.00
		5240	2.029	2.064	98.30	0.07	0.00
		5260	2.029	2.064	98.30	0.07	0.00
		5300	2.029	2.065	98.26	0.08	0.04
		5320	2.029	2.065	98.26	0.08	0.04
		5500	2.030	2.065	98.31	0.07	0.04
		5580	2.029	2.065	98.26	0.08	0.04
		5700	2.029	2.065	98.26	0.08	0.04
		5745	2.030	2.065	98.31	0.07	0.04
		5785	2.029	2.064	98.30	0.07	0.00
802.11n (HT20)	SISO	5180	1.890	1.925	98.18	0.08	0.07
		5200	1.890	1.926	98.13	0.08	0.03
		5240	1.889	1.925	98.13	0.08	0.00
		5260	1.890	1.926	98.13	0.08	0.07
		5300	1.889	1.925	98.13	0.08	0.03
		5320	1.890	1.926	98.13	0.08	0.07
		5500	1.890	1.926	98.13	0.08	0.03
		5580	1.889	1.924	98.18	0.08	0.00
		5700	1.889	1.925	98.13	0.08	0.00
		5745	1.889	1.925	98.13	0.08	0.03
		5785	1.890	1.925	98.18	0.08	0.03
802.11n (HT40)	SISO	5190	0.929	0.964	96.37	0.16	0.03
		5230	0.929	0.964	96.37	0.16	0.00
		5270	0.929	0.964	96.37	0.16	0.03
		5310	0.928	0.964	96.27	0.17	0.03
		5510	0.929	0.964	96.37	0.16	0.00
		5550	0.929	0.964	96.37	0.16	0.00

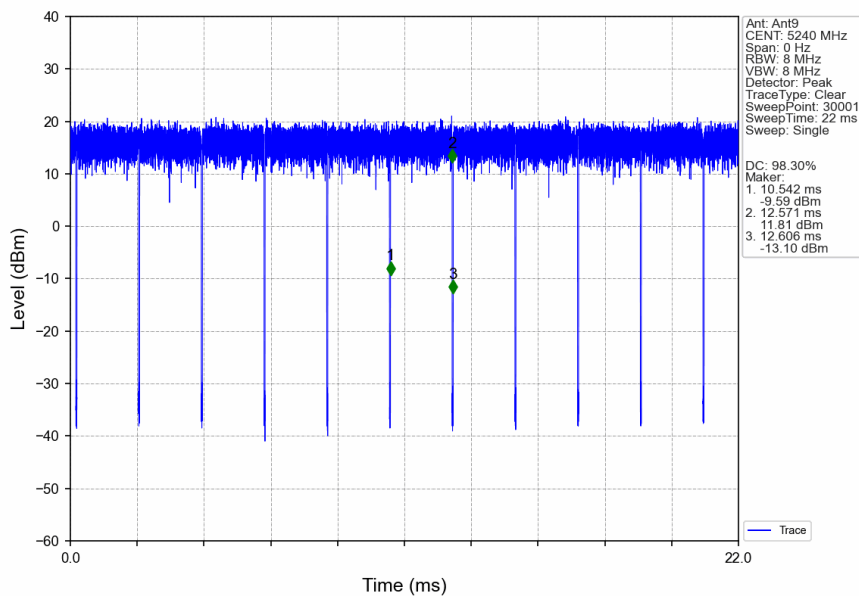
		5670	0.930	0.964	96.47	0.16	0.03
		5755	0.929	0.964	96.37	0.16	0.00
		5795	0.930	0.964	96.47	0.16	0.00
802.11ac (VHT20)	SISO	5180	1.901	1.937	98.14	0.08	0.00
		5200	1.902	1.937	98.19	0.08	0.03
		5240	1.902	1.938	98.14	0.08	0.03
		5260	1.902	1.938	98.14	0.08	0.03
		5300	1.901	1.937	98.14	0.08	0.03
		5320	1.901	1.937	98.14	0.08	0.03
		5500	1.901	1.937	98.14	0.08	0.07
		5580	1.901	1.937	98.14	0.08	0.07
		5700	1.901	1.937	98.14	0.08	0.03
		5745	1.901	1.937	98.14	0.08	0.03
		5785	1.902	1.937	98.19	0.08	0.00
		5825	1.901	1.936	98.19	0.08	0.03
802.11ac (VHT40)	SISO	5190	0.937	0.972	96.40	0.16	0.00
		5230	0.938	0.972	96.50	0.15	0.00
		5270	0.937	0.972	96.40	0.16	0.00
		5310	0.938	0.972	96.50	0.15	0.00
		5510	0.938	0.972	96.50	0.15	0.03
		5550	0.938	0.972	96.50	0.15	0.03
		5670	0.937	0.972	96.40	0.16	0.00
		5755	0.937	0.972	96.40	0.16	0.00
		5795	0.938	0.972	96.50	0.15	0.00
802.11ac (VHT80)	SISO	5210	0.457	0.492	92.89	0.32	0.03
		5290	0.458	0.492	93.09	0.31	0.07
		5530	0.457	0.492	92.89	0.32	0.06
		5610	0.458	0.492	93.09	0.31	0.03
		5775	0.456	0.492	92.68	0.33	0.07

1.2 Test Graph

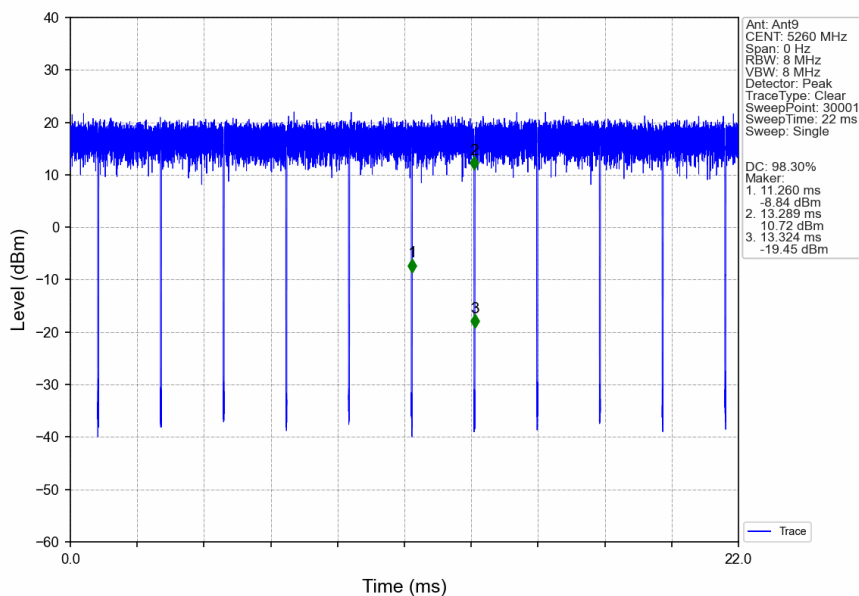
1.2.1 Ant9



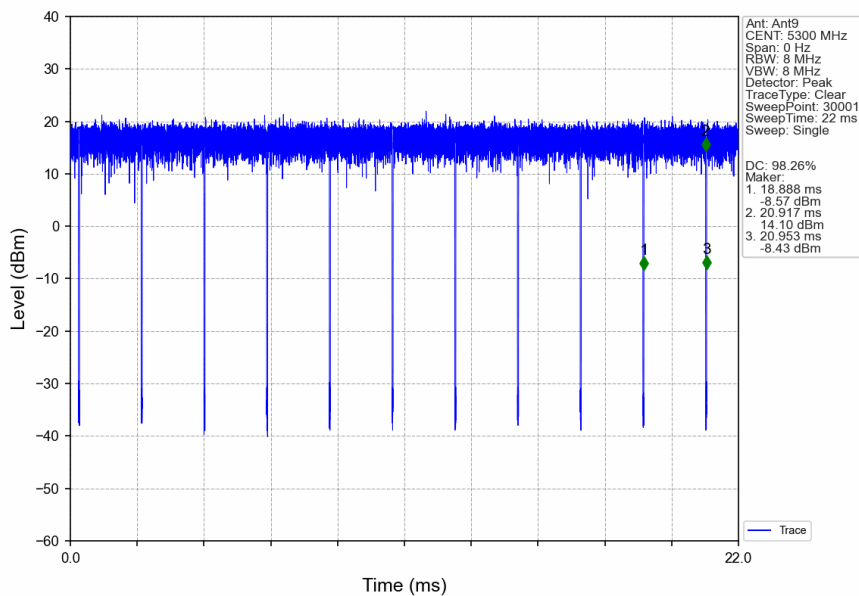
802.11a_HCH_5240MHz_Ant9_NTNV



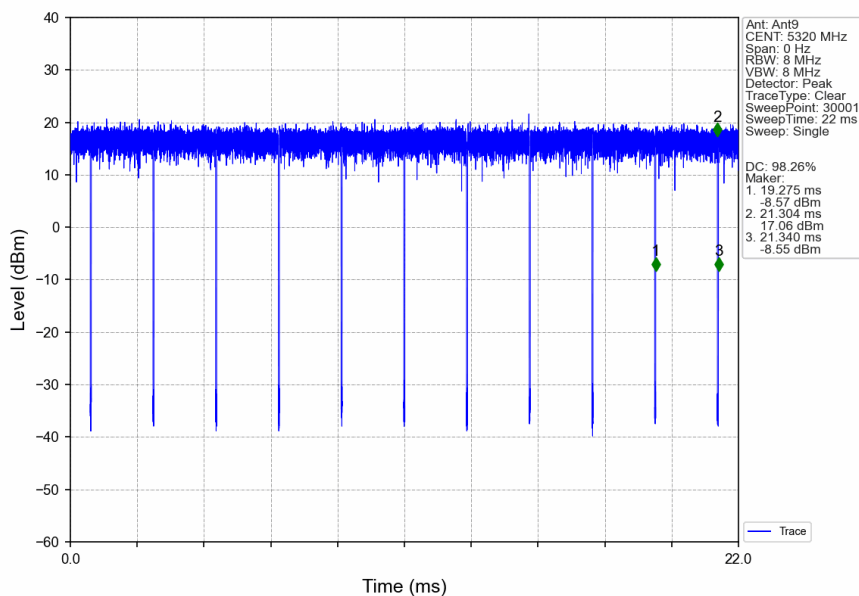
802.11a_LCH_5260MHz_Ant9_NTNV



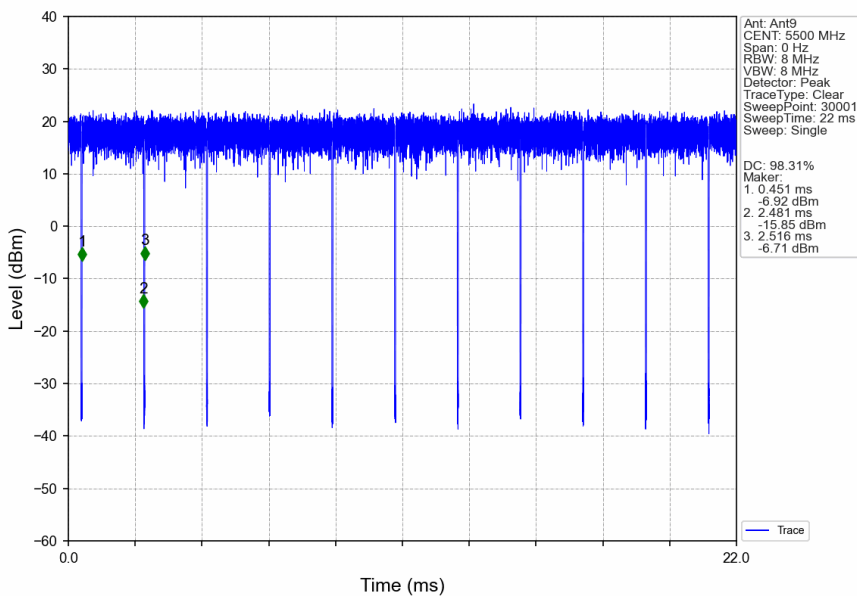
802.11a_MCH_5300MHz_Ant9_NTNV



802.11a_HCH_5320MHz_Ant9_NTNV



802.11a_LCH_5500MHz_Ant9_NTNV



802.11a_MCH_5580MHz_Ant9_NTNV

