

4.7.2.46

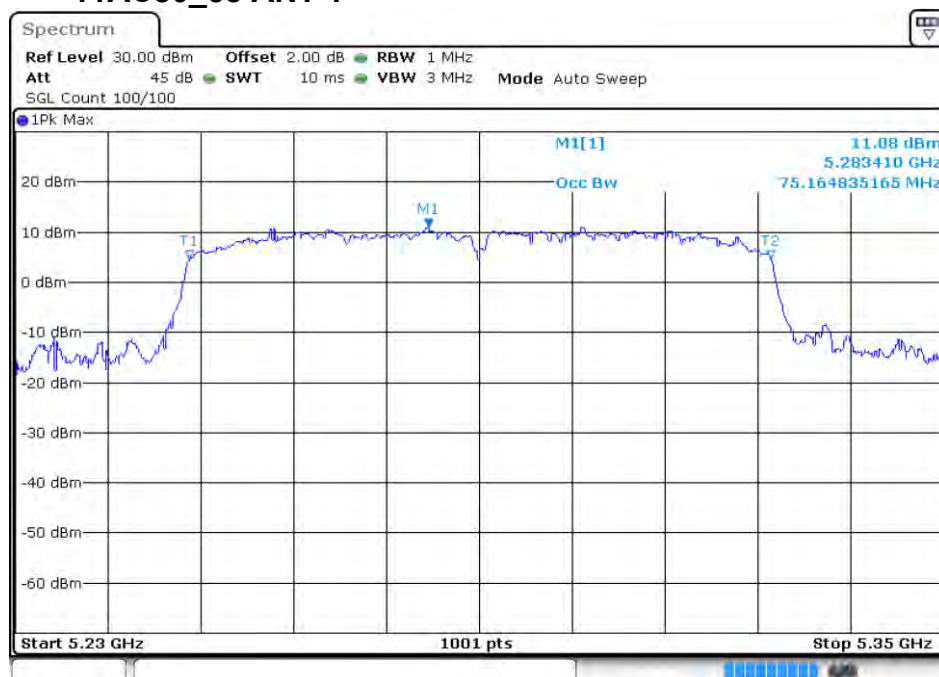
11AC80_42 ANT 1



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4.7.2.47

11AC80_58 ANT 1



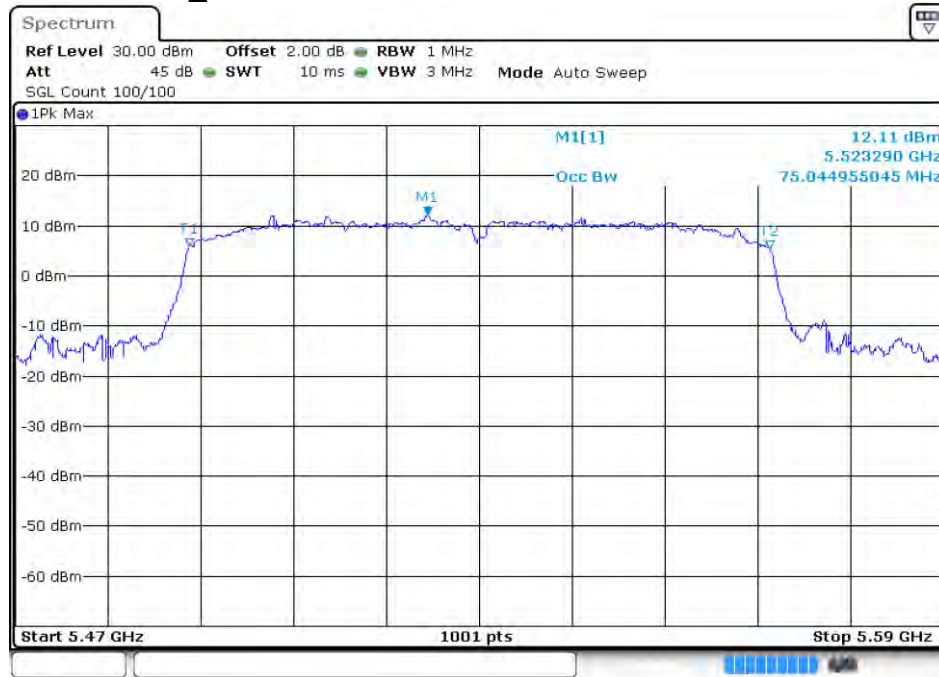
Date: 13.MAR.2020 13:04:19





4.7.2.48

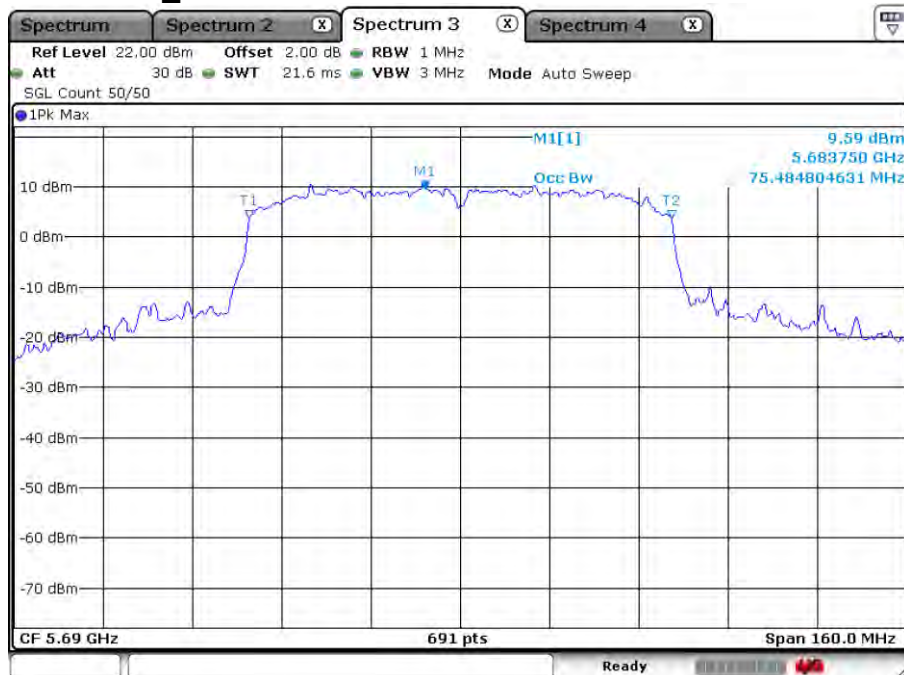
11AC80_106 ANT 1



Date: 13.MAR.2020 13:06:14

4.7.2.49

11AC80_138 ANT 1



Date: 27.MAR.2020 08:26:29



4.7.2.50

11AC80_155 ANT 1

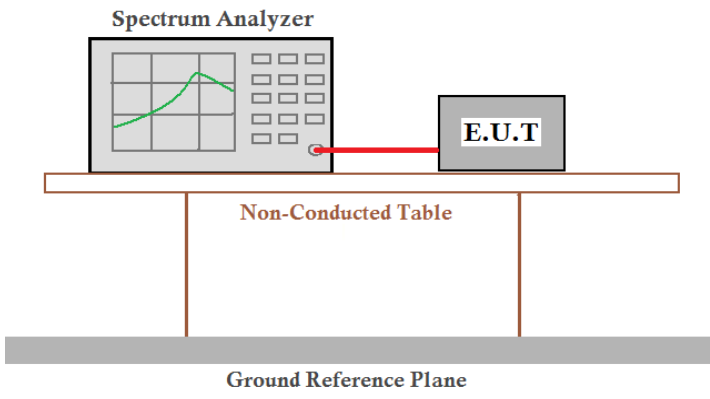


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4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	





4.8.1 Test Results For Power Density

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.)	Unit	Verdict
11A20	36	5180	ANT 1	4.44	dBm/MHz	PASS
	48	5240	ANT 1	4.66	dBm/MHz	PASS
	52	5260	ANT 1	4.68	dBm/MHz	PASS
	64	5320	ANT 1	5.03	dBm/MHz	PASS
	100	5500	ANT 1	5.73	dBm/MHz	PASS
	140	5700	ANT 1	5.41	dBm/MHz	PASS
	144(BandII-C)	5720	ANT 1	7.06	dBm/MHz	PASS
	144(BandIII)	5720	ANT 1	4.33	dBm/500KHz	PASS
	149	5745	ANT 1	-0.64	dBm/500KHz	PASS
	165	5825	ANT 1	-1.47	dBm/500KHz	PASS
11N20	36	5180	ANT 1	4.17	dBm/MHz	PASS
	48	5240	ANT 1	4.60	dBm/MHz	PASS
	52	5260	ANT 1	4.59	dBm/MHz	PASS
	64	5320	ANT 1	4.85	dBm/MHz	PASS
	100	5500	ANT 1	5.63	dBm/MHz	PASS
	140	5700	ANT 1	4.74	dBm/MHz	PASS
	149	5745	ANT 1	-0.98	dBm/MHz	PASS
	144(BandII-C)	5720	ANT 1	6.80	dBm/500KHz	PASS
	144(BandIII)	5720	ANT 1	4.06	dBm/500KHz	PASS
	165	5825	ANT 1	-2.01	dBm/500KHz	PASS
11N40	38	5190	ANT 1	-1.04	dBm/MHz	PASS
	46	5230	ANT 1	-2.15	dBm/MHz	PASS
	54	5270	ANT 1	0.87	dBm/MHz	PASS
	62	5310	ANT 1	1.32	dBm/MHz	PASS
	102	5510	ANT 1	1.86	dBm/MHz	PASS
	134	5670	ANT 1	1.68	dBm/MHz	PASS
	144(BandII-C)	5710	ANT 1	4.49	dBm/MHz	PASS
	144(BandIII)	5710	ANT 1	1.09	dBm/500KHz	PASS
	151	5755	ANT 1	-1.73	dBm/500KHz	PASS
	159	5795	ANT 1	-2.13	dBm/500KHz	PASS
11AC20	36	5180	ANT 1	2.44	dBm/MHz	PASS
	48	5240	ANT 1	4.44	dBm/MHz	PASS
	52	5260	ANT 1	4.49	dBm/MHz	PASS
	64	5320	ANT 1	4.75	dBm/MHz	PASS
	100	5500	ANT 1	5.58	dBm/MHz	PASS
	140	5700	ANT 1	4.82	dBm/MHz	PASS
	144(BandII-C)	5720	ANT 1	6.70	dBm/MHz	PASS
	144(BandIII)	5720	ANT 1	3.85	dBm/500KHz	PASS
	149	5745	ANT 1	-0.77	dBm/500KHz	PASS
	165	5825	ANT 1	-1.78	dBm/500KHz	PASS
11AC40	38	5190	ANT 1	1.70	dBm/MHz	PASS
	46	5230	ANT 1	1.32	dBm/MHz	PASS





	54	5270	ANT 1	2.44	dBm/MHz	PASS
	62	5310	ANT 1	1.96	dBm/MHz	PASS
	102	5510	ANT 1	2.83	dBm/MHz	PASS
	134	5670	ANT 1	2.44	dBm/MHz	PASS
	144(BandII-C)	5710	ANT 1	4.37	dBm/MHz	PASS
	144(BandIII)	5710	ANT 1	0.42	dBm/500KHz	PASS
	151	5755	ANT 1	-0.29	dBm/500KHz	PASS
	159	5795	ANT 1	-0.60	dBm/500KHz	PASS
11AC80	42	5210	ANT 1	-3.35	dBm/MHz	PASS
	58	5290	ANT 1	-1.73	dBm/MHz	PASS
	106	5530	ANT 1	-1.08	dBm/MHz	PASS
	138(BandII-C)	5690	ANT 1	1.96	dBm/MHz	PASS
	138(BandIII)	5690	ANT 1	-4.31	dBm/500KHz	PASS
	155	5775	ANT 1	-6.03	dBm/500KHz	PASS

4.8.2 Test plots For Power Density

4.8.2.1 11A20_36 ANT 1



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4.8.2.2

11A20_48 ANT 1



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4.8.2.3

11A20_52 ANT 1



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4.8.2.4

11A20_64 ANT 1



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4.8.2.5

11A20_100 ANT 1



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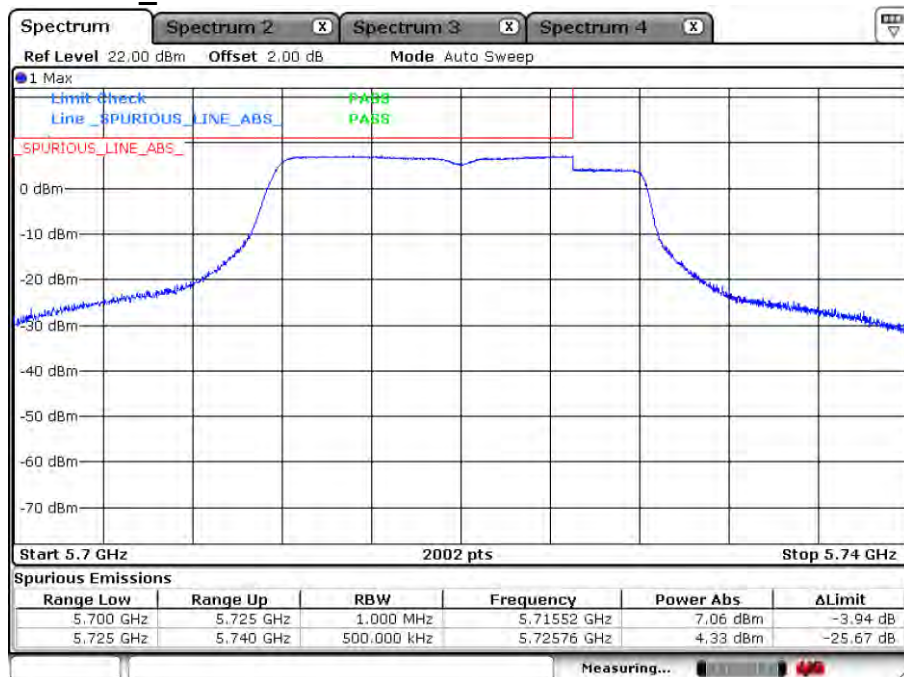


4.8.2.6 11A20_140 ANT 1



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4.8.2.7 11A20_144 ANT 1



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4.8.2.8

11A20_149 ANT 1



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4.8.2.9

11A20_165 ANT 1



Date: 13.MAR.2020 13:26:27





4.8.2.10

11N20_36 ANT 1



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4.8.2.11

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4.8.2.12

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4.8.2.13

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4.8.2.14

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4.8.2.16

11N20_144 ANT 1



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4.8.2.17

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4.8.2.18

11N20_165 ANT 1



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4.8.2.19

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4.8.2.20

11N40_46 ANT 1



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4.8.2.21

11N40_54 ANT 1



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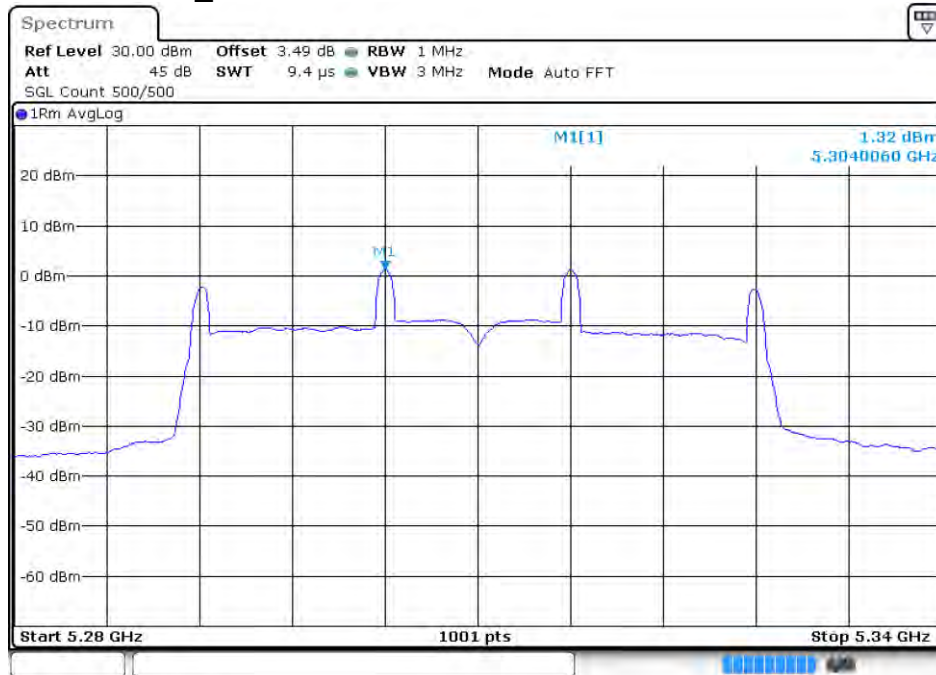
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4.8.2.22

11N40_62 ANT 1



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4.8.2.23

11N40_102 ANT 1



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4.8.2.24

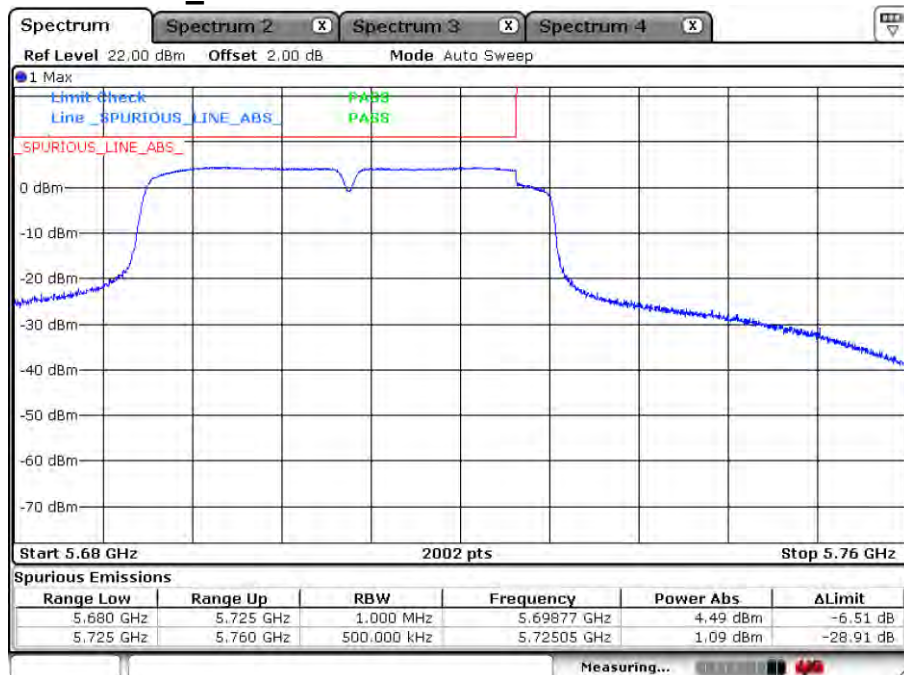
11N40_134 ANT 1



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4.8.2.25

11N40_142 ANT 1



Date: 27.MAR.2020 08:43:19



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4.8.2.26

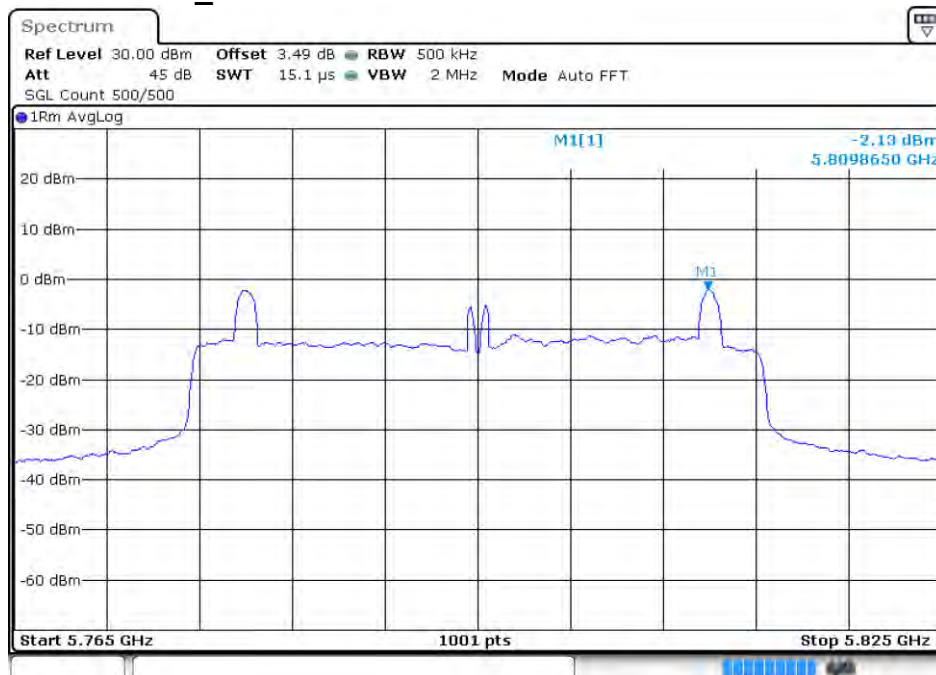
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4.8.2.28

11AC20_36 ANT 1



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4.8.2.29

11AC20_48 ANT 1



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4.8.2.30

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4.8.2.31

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4.8.2.32

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4.8.2.33

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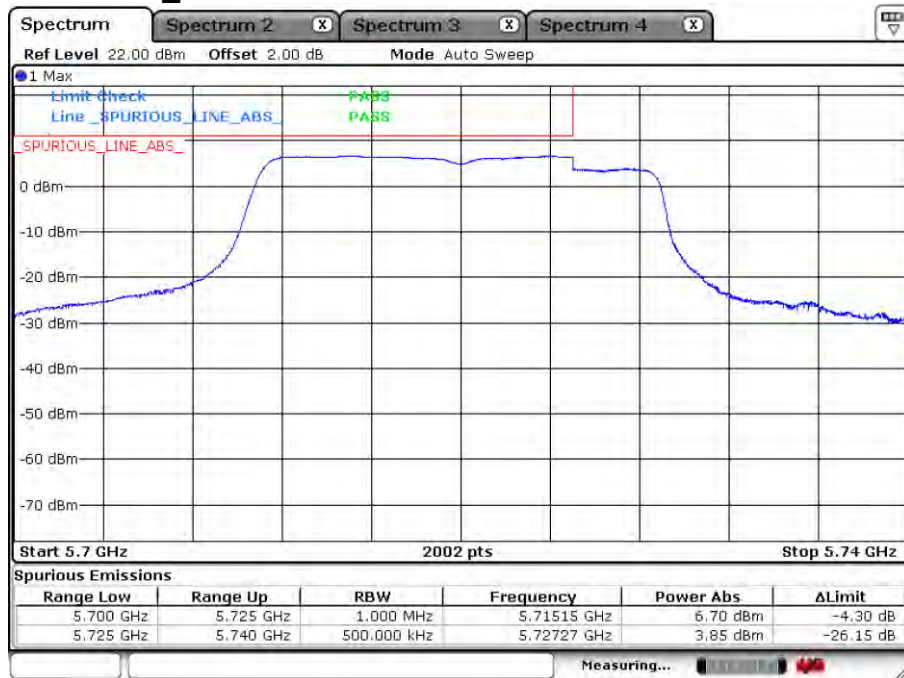
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4.8.2.34

11AC20_144 ANT 1



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4.8.2.35

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4.8.2.36 11AC20_165 ANT 1



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4.8.2.37 11AC40_38 ANT 1



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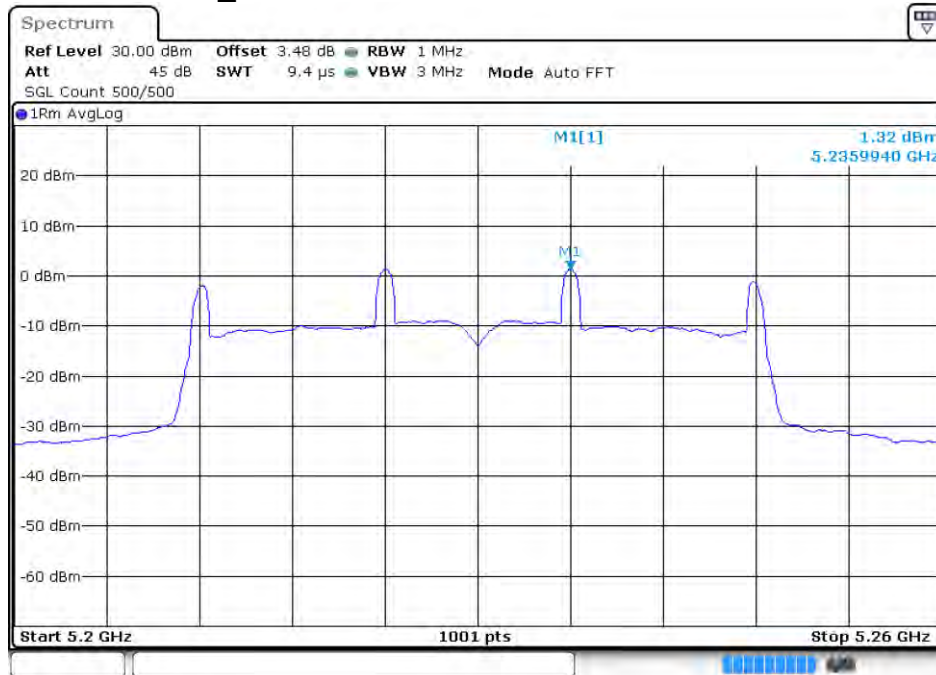
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4.8.2.38

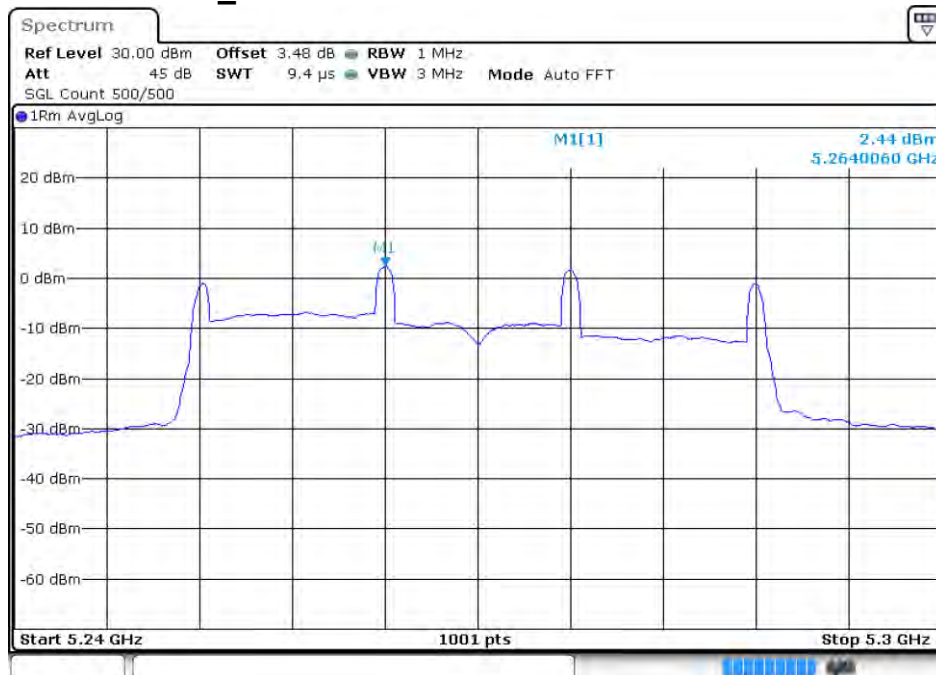
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4.8.2.39

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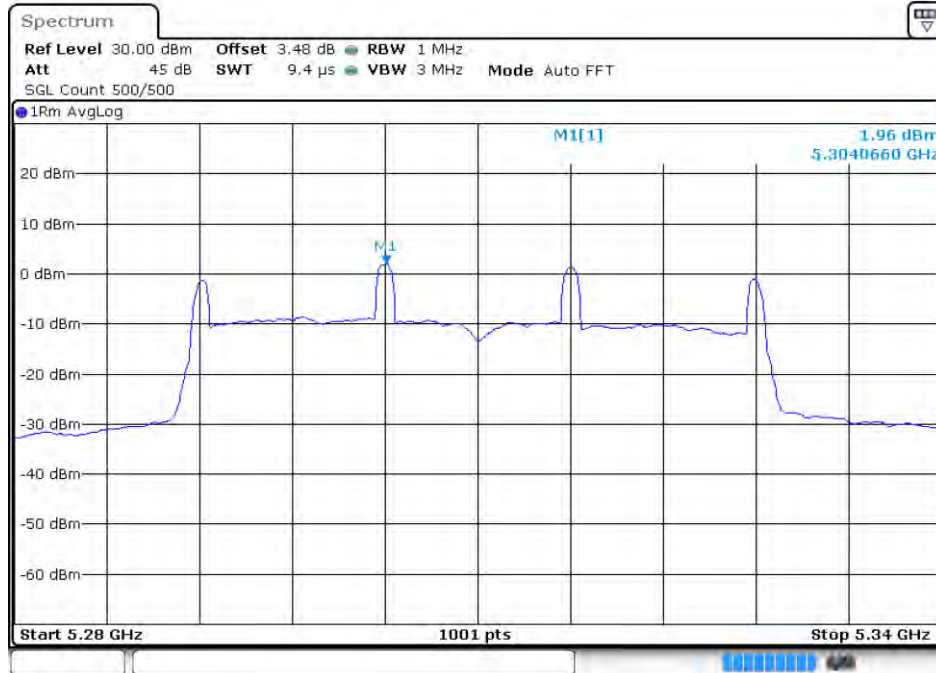
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4.8.2.40

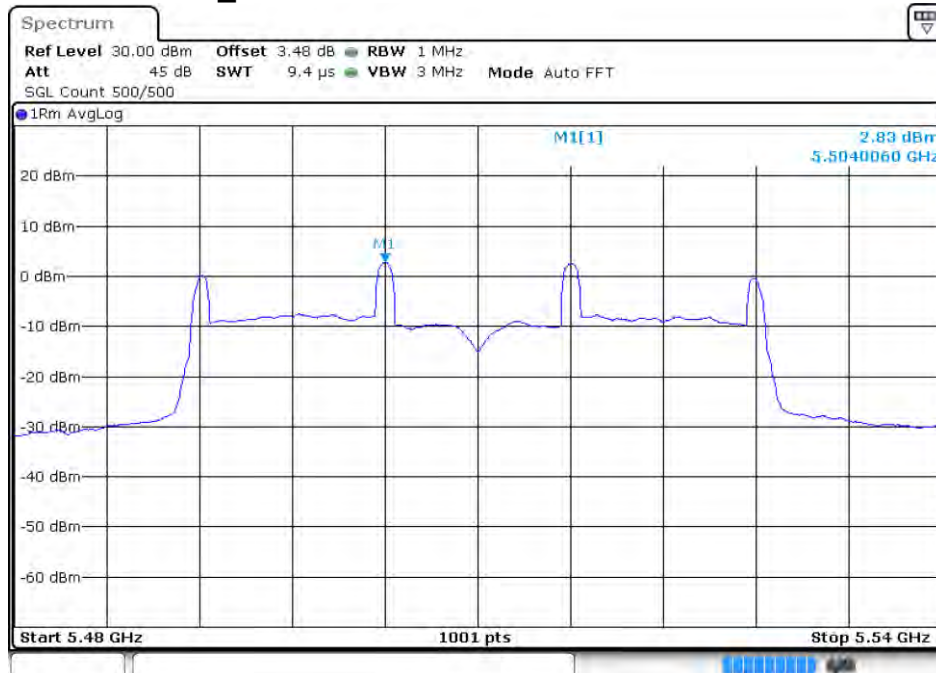
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4.8.2.41

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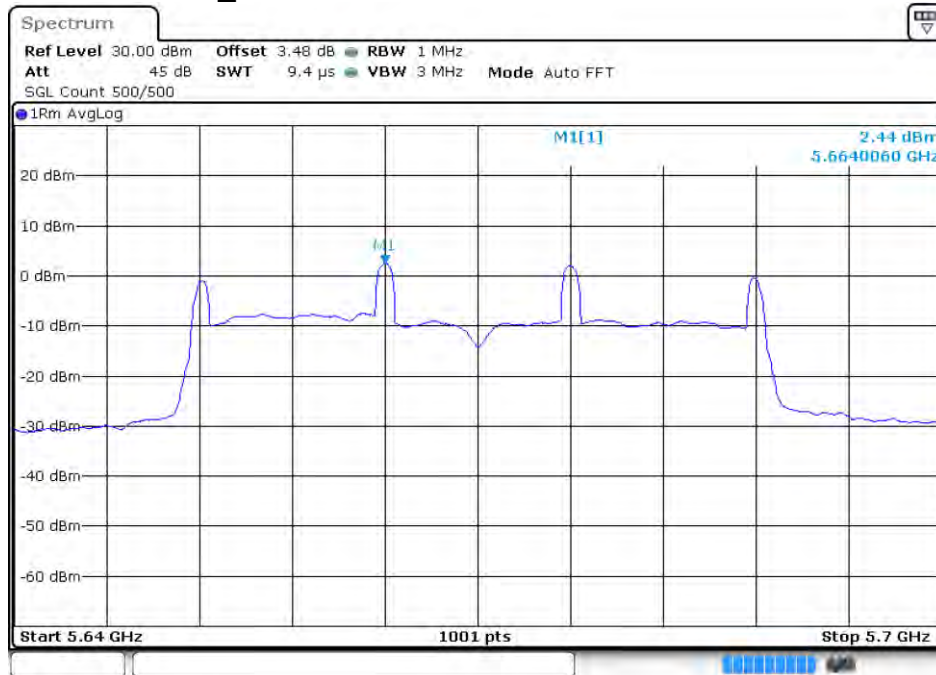
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4.8.2.42

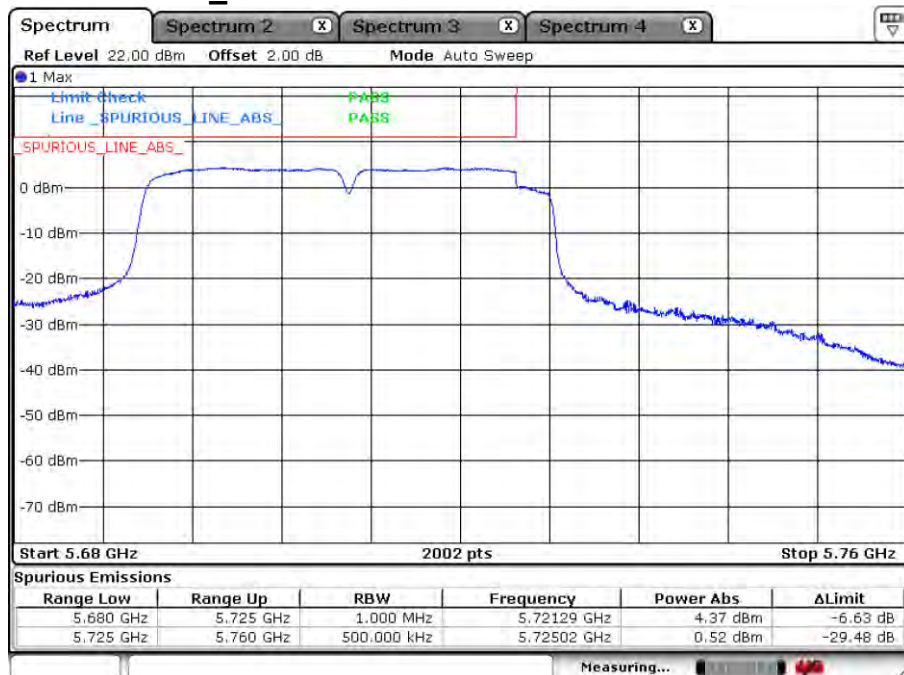
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Date: 13.MAR.2020 14:12:41

4.8.2.43

11AC40_142 ANT 1



Date: 27.MAR.2020 08:49:58



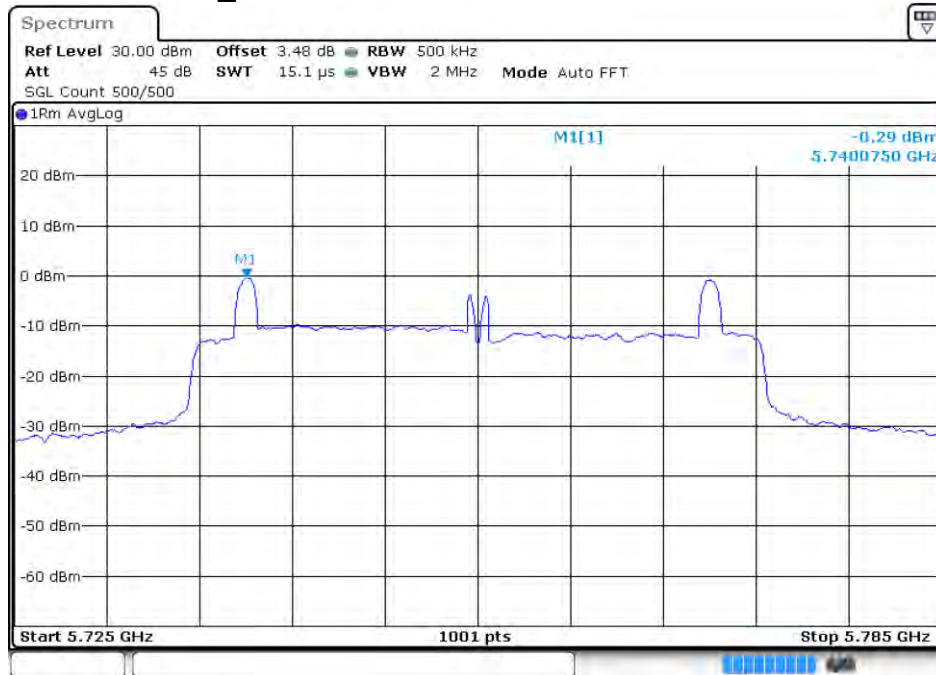
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4.8.2.44

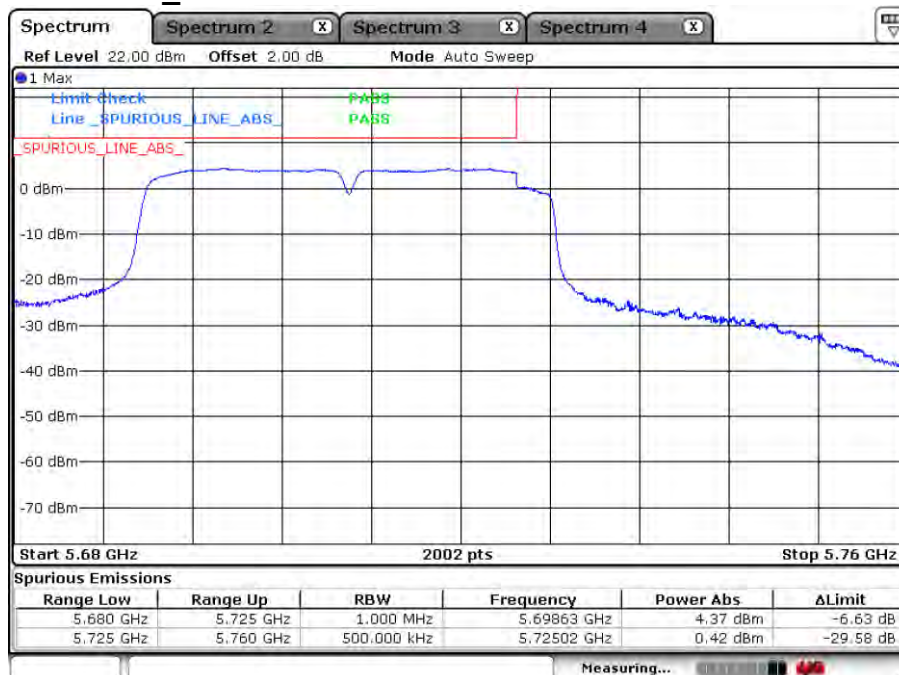
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4.8.2.45

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4.8.2.46

11AC40_159 ANT 1



Date: 13.MAR.2020 14:14:58

4.8.2.47

11AC80_42 ANT 1



Date: 13.MAR.2020 12:58:40





4.8.2.48

11AC80_58 ANT 1



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4.8.2.49

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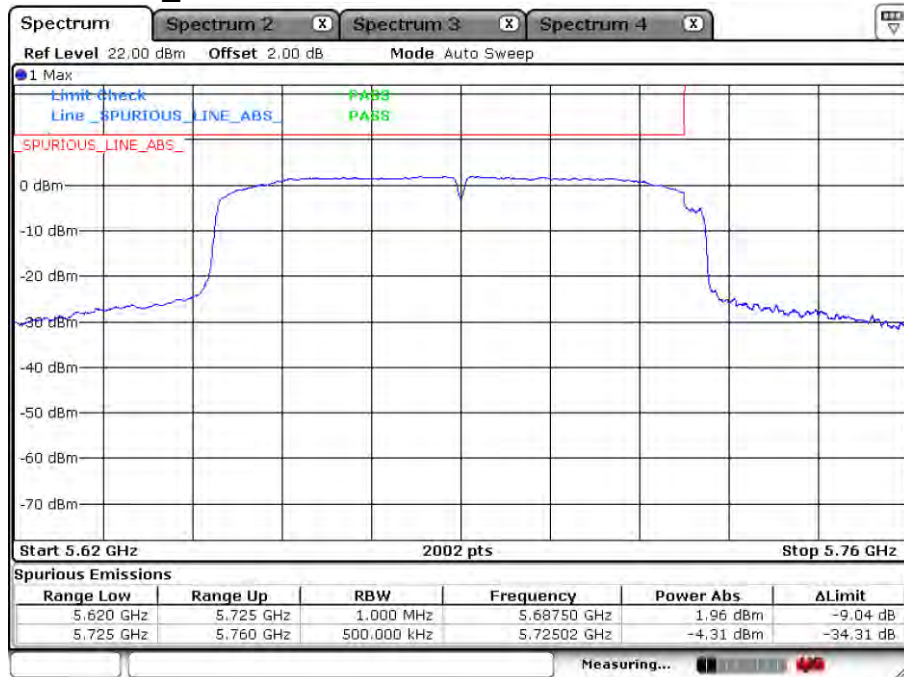
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4.8.2.50

11AC80_138 ANT 1



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4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)
Test Setup:	

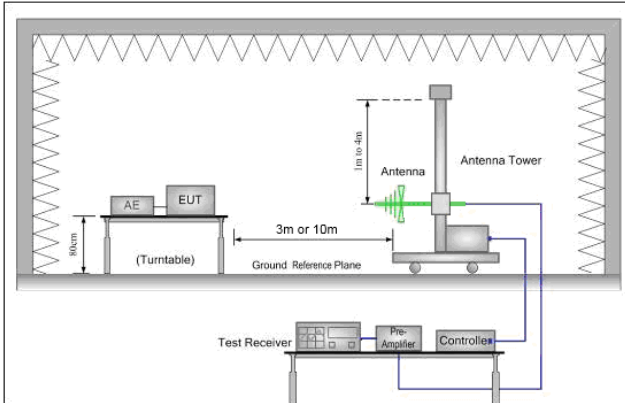


Figure 1. 30MHz to 1GHz

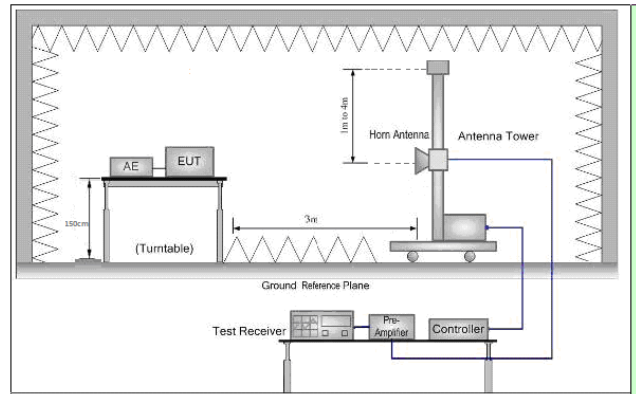


Figure 2. Above 1 GHz

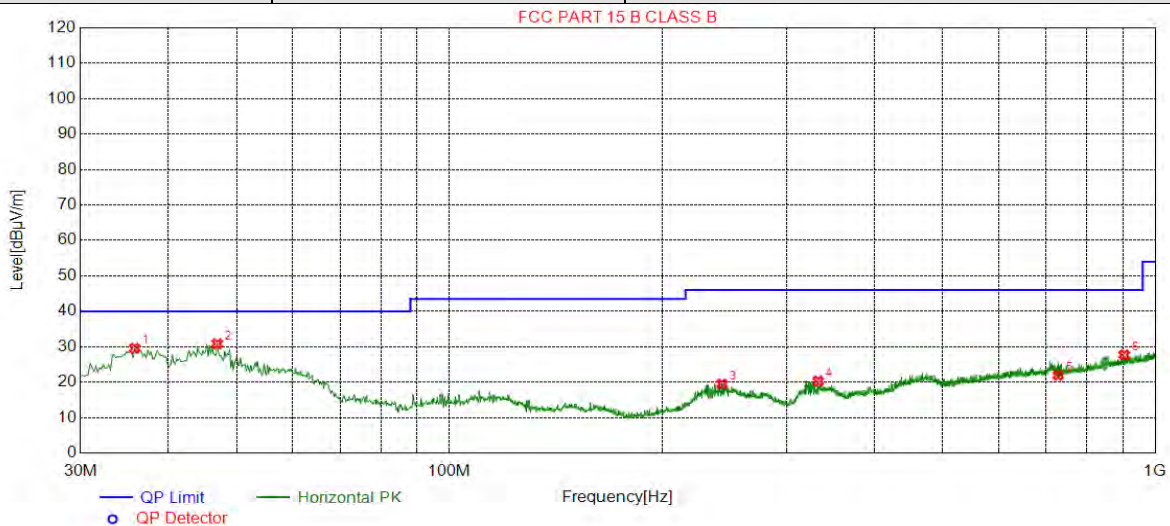
Test Procedure:	a. For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-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 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. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete.
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Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

4.9.1 Radiated emission below 1GHz

Test mode:	Transmitting	Horizontal
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Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.8212	29.57	-29.69	40.00	10.43	179	247	Horizontal
2	46.8814	30.82	-30.40	40.00	9.18	145	21	Horizontal
3	243.4427	19.47	-29.93	46.00	26.53	206	207	Horizontal
4	333.0886	20.28	-27.33	46.00	25.72	155	330	Horizontal
5	728.5397	21.98	-18.84	46.00	24.02	224	221	Horizontal
6	903.7568	27.69	-15.99	46.00	18.31	123	14	Horizontal



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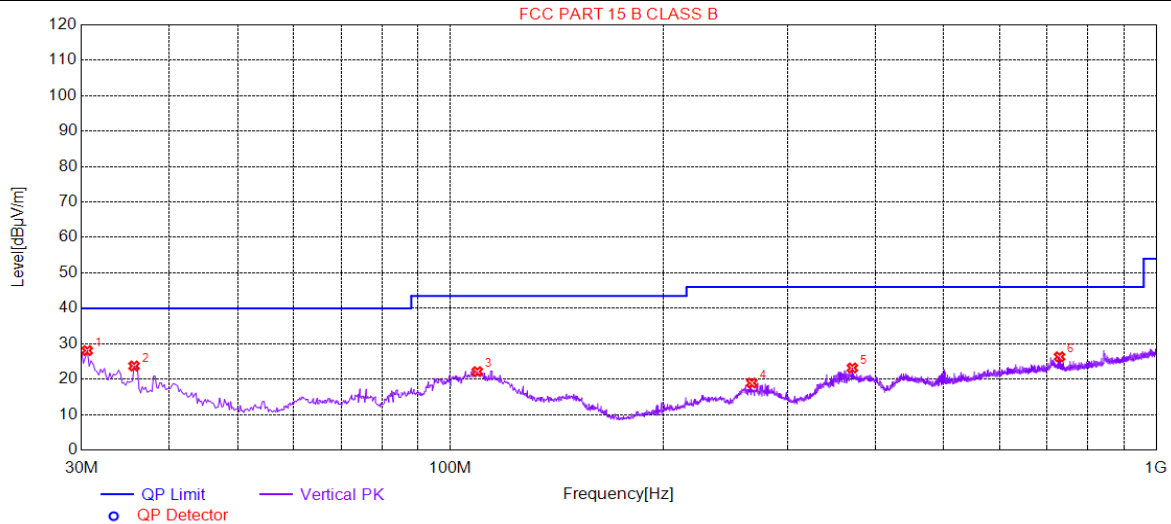


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZR/2020/2003103-01

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Test mode:	Transmitting	Vertical
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Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.5821	28.06	-30.07	40.00	11.94	200	332	Vertical
2	35.6271	23.71	-29.76	40.00	16.29	181	332	Vertical
3	109.1678	22.12	-32.00	43.50	21.38	260	250	Vertical
4	267.3095	18.92	-29.22	46.00	27.08	233	346	Vertical
5	371.1202	23.17	-26.31	46.00	22.83	266	74	Vertical
6	729.5099	26.31	-18.81	46.00	19.69	226	317	Vertical



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Shenzhen Branch (CMAA Testing Laboratory)

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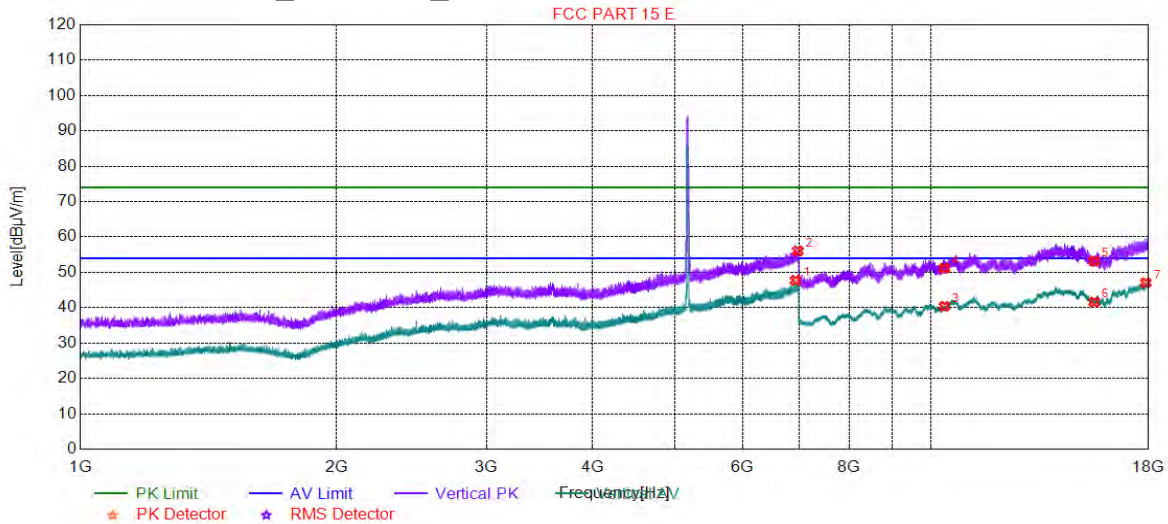
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4.9.2 Transmitter emission above 1GHz

4.9.2.1 11A20_36 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6925.2963	47.75	21.04	54.00	6.25	282	18	Vertical
2	6968.1984	56.07	21.26	74.00	17.93	161	170	Vertical
3	10360.0000	40.39	-3.63	54.00	13.61	261	69	Vertical
4	10360.0000	51.19	-3.63	74.00	22.81	173	360	Vertical
5	15540.0000	53.19	0.46	74.00	20.81	186	170	Vertical
6	15540.0000	41.60	0.46	54.00	12.40	222	18	Vertical
7	17863.0432	47.05	1.20	54.00	6.95	160	321	Vertical

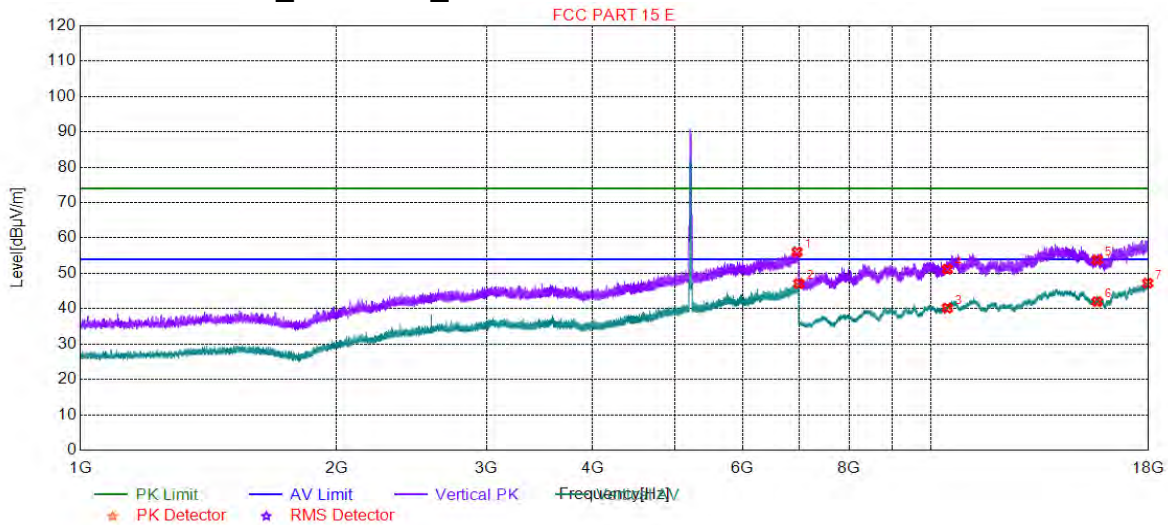


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4.9.2.2 11A20_44 ANT 1_Vertical



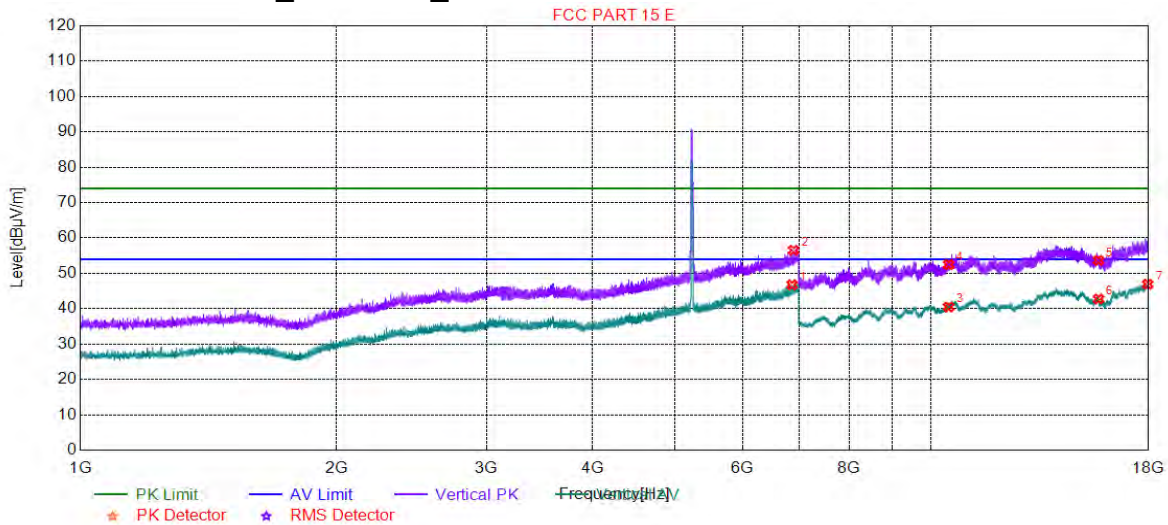
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.2976	56.08	21.26	74.00	17.92	204	269	Vertical
2	6985.5993	47.10	21.27	54.00	6.90	224	168	Vertical
3	10440.0000	40.18	-3.24	54.00	13.82	170	224	Vertical
4	10440.0000	51.17	-3.24	74.00	22.83	231	123	Vertical
5	15660.0000	53.81	0.43	74.00	20.19	161	275	Vertical
6	15660.0000	41.99	0.43	54.00	12.01	266	18	Vertical
7	17953.2477	47.22	1.71	54.00	6.78	254	18	Vertical





4.9.2.3 11A20_48 ANT 1_Vertical



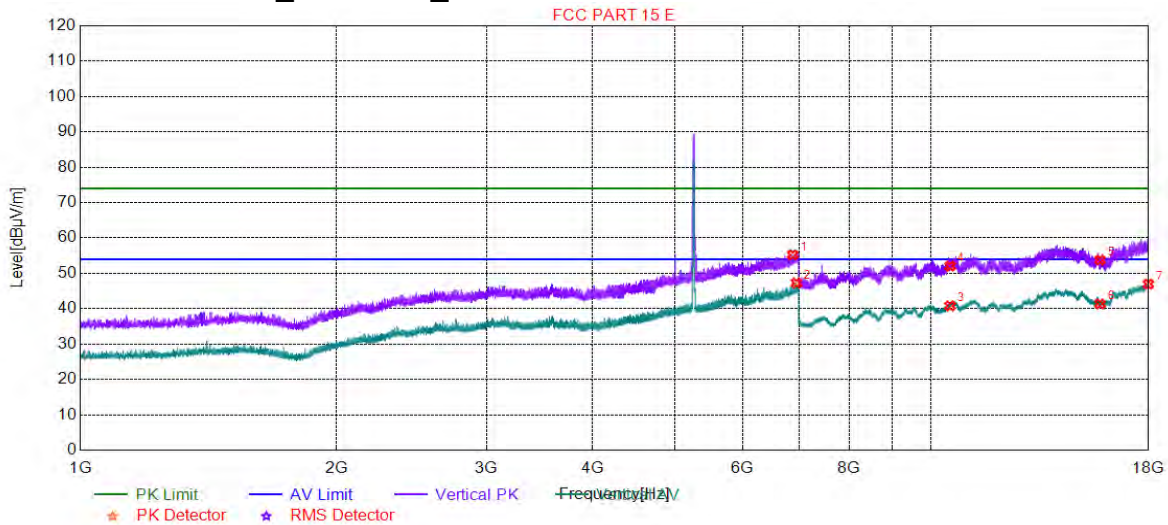
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6859.2930	46.75	20.87	54.00	7.25	206	85	Vertical
2	6888.0944	56.54	20.83	74.00	17.46	220	85	Vertical
3	10480.0000	40.50	-2.94	54.00	13.50	248	119	Vertical
4	10480.0000	52.48	-2.94	74.00	21.52	262	324	Vertical
5	15720.0000	53.67	0.29	74.00	20.33	270	170	Vertical
6	15720.0000	42.76	0.29	54.00	11.24	164	68	Vertical
7	17954.8977	46.91	1.71	54.00	7.09	153	68	Vertical





4.9.2.4 11A20_52 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6870.9936	55.24	20.85	74.00	18.76	289	323	Vertical
2	6940.5970	47.26	21.17	54.00	6.74	259	272	Vertical
3	10520.0000	40.81	-2.80	54.00	13.19	192	124	Vertical
4	10520.0000	52.06	-2.80	74.00	21.94	185	226	Vertical
5	15780.0000	53.76	-0.72	74.00	20.24	223	124	Vertical
6	15780.0000	41.37	-0.72	54.00	12.63	251	74	Vertical
7	17985.6993	46.94	1.72	54.00	7.06	153	18	Vertical



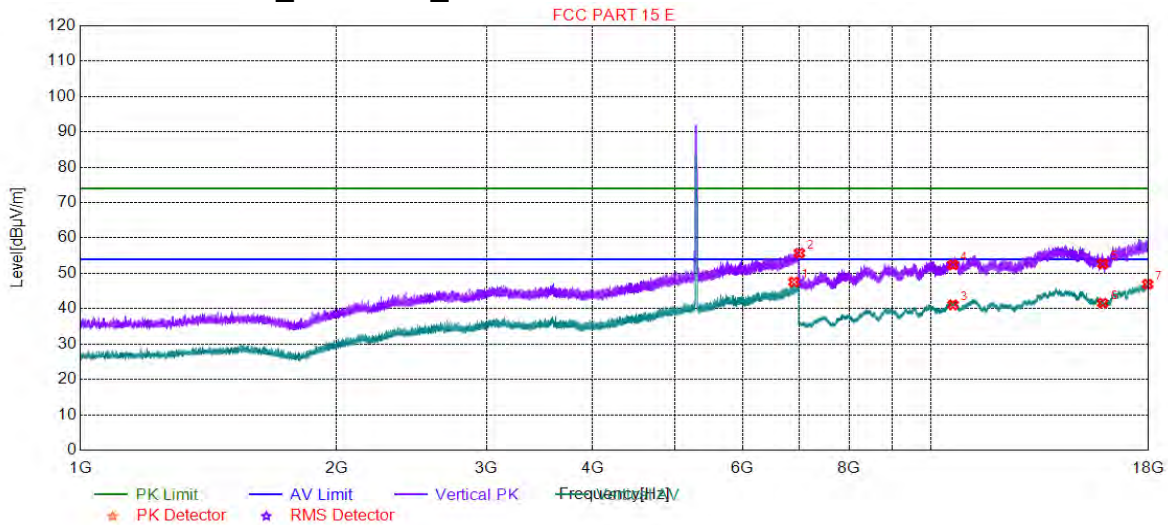
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4.9.2.5 11A20_60 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6896.1948	47.57	20.82	54.00	6.43	221	221	Vertical
2	6996.0998	55.71	21.27	74.00	18.29	221	360	Vertical
3	10600.0000	41.10	-2.86	54.00	12.90	274	320	Vertical
4	10600.0000	52.40	-2.86	74.00	21.60	217	269	Vertical
5	15900.0000	52.69	-0.51	74.00	21.31	221	119	Vertical
6	15900.0000	41.59	-0.51	54.00	12.41	292	269	Vertical
7	17951.5976	46.91	1.71	54.00	7.09	212	18	Vertical

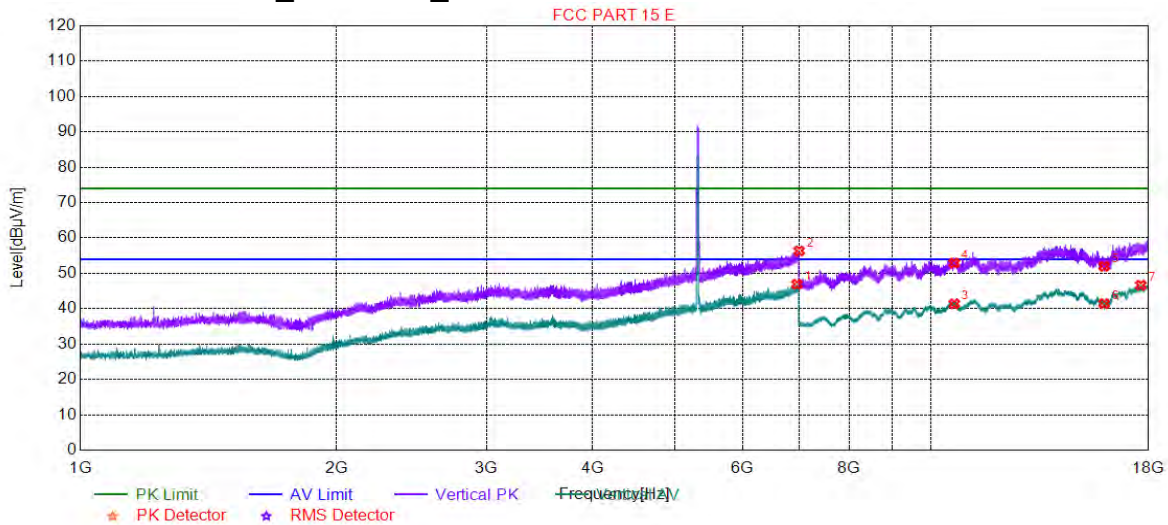


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4.9.2.6 11A20_64 ANT 1_Vertical



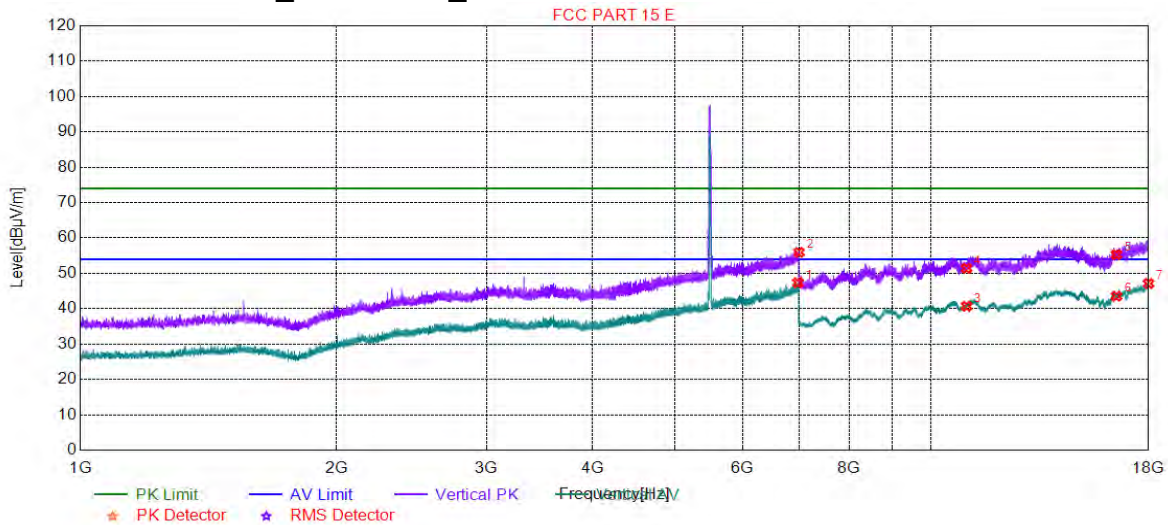
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6950.1975	46.91	21.26	54.00	7.09	293	320	Vertical
2	6994.2997	56.37	21.27	74.00	17.63	284	119	Vertical
3	10640.0000	41.39	-2.84	54.00	12.61	185	18	Vertical
4	10640.0000	52.90	-2.84	74.00	21.10	172	219	Vertical
5	15960.0000	51.99	-0.61	74.00	22.01	291	318	Vertical
6	15960.0000	41.45	-0.61	54.00	12.55	258	318	Vertical
7	17624.8812	46.63	2.32	54.00	7.37	188	360	Vertical





4.9.2.7 11A20_100 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6969.0985	47.33	21.26	54.00	6.67	272	68	Vertical
2	6989.7995	55.94	21.27	74.00	18.06	169	220	Vertical
3	11000.0000	40.70	-2.17	54.00	13.30	216	220	Vertical
4	11000.0000	51.42	-2.17	74.00	22.58	254	220	Vertical
5	16500.0000	55.32	0.34	74.00	18.68	172	220	Vertical
6	16500.0000	43.54	0.34	54.00	10.46	222	220	Vertical
7	17999.4500	47.12	1.72	54.00	6.88	187	69	Vertical

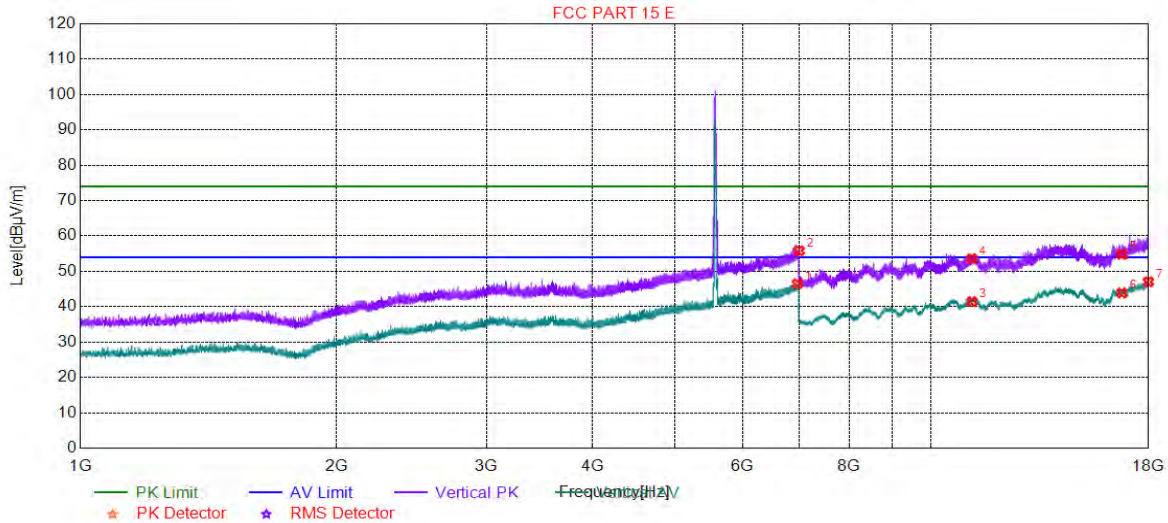


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4.9.2.8 11A20_116 ANT 1_Vertical



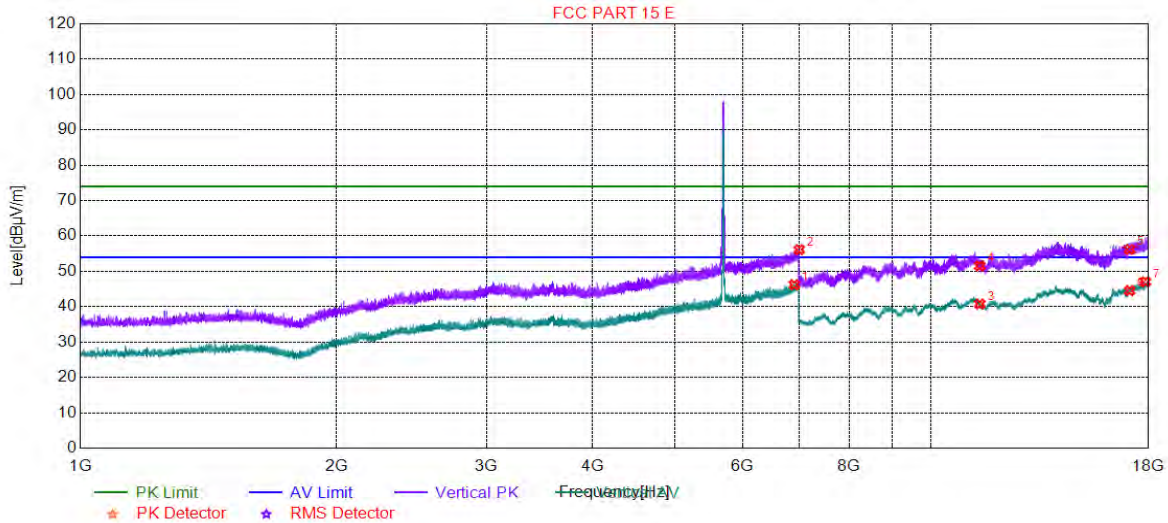
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.9981	46.48	21.26	54.00	7.52	191	119	Vertical
2	6993.3997	55.83	21.27	74.00	18.17	292	220	Vertical
3	11160.0000	41.47	-2.32	54.00	12.53	181	360	Vertical
4	11160.0000	53.59	-2.32	74.00	20.41	280	170	Vertical
5	16740.0000	54.82	0.71	74.00	19.18	226	68	Vertical
6	16740.0000	43.91	0.71	54.00	10.09	167	321	Vertical
7	17990.0995	47.04	1.72	54.00	6.96	160	271	Vertical





4.9.2.9 11A20_140 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1951	46.20	20.83	54.00	7.80	294	18	Vertical
2	6995.1998	56.14	21.27	74.00	17.86	233	320	Vertical
3	11400.0000	40.76	-2.15	54.00	13.24	204	220	Vertical
4	11400.0000	51.56	-2.15	74.00	22.44	283	270	Vertical
5	17100.0000	56.22	0.04	74.00	17.78	203	321	Vertical
6	17100.0000	44.53	0.04	54.00	9.47	280	270	Vertical
7	17845.9923	47.07	0.98	54.00	6.93	260	119	Vertical



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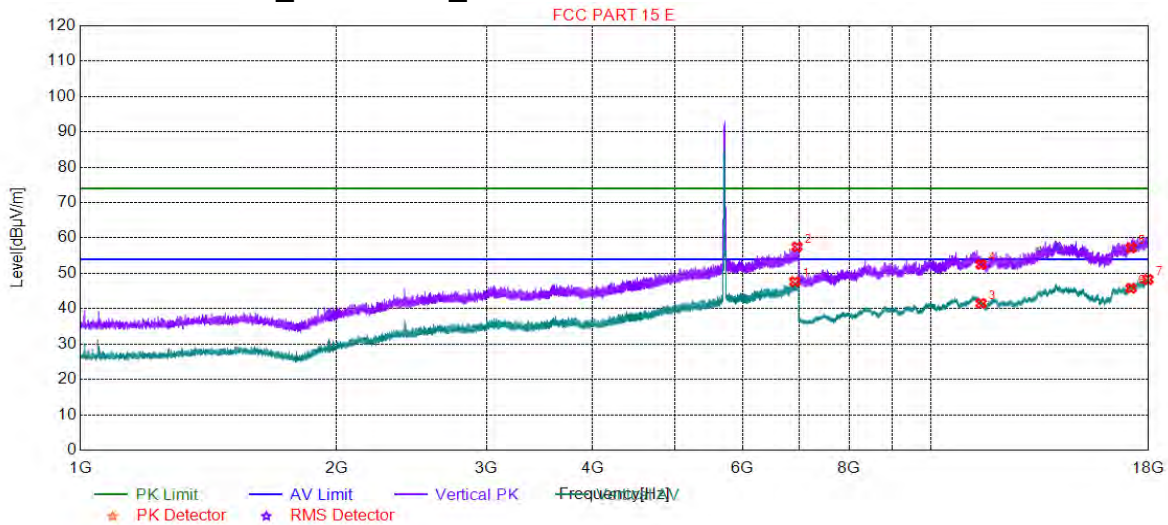
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4.9.2.10 11A20_144 ANT 1_Vertical



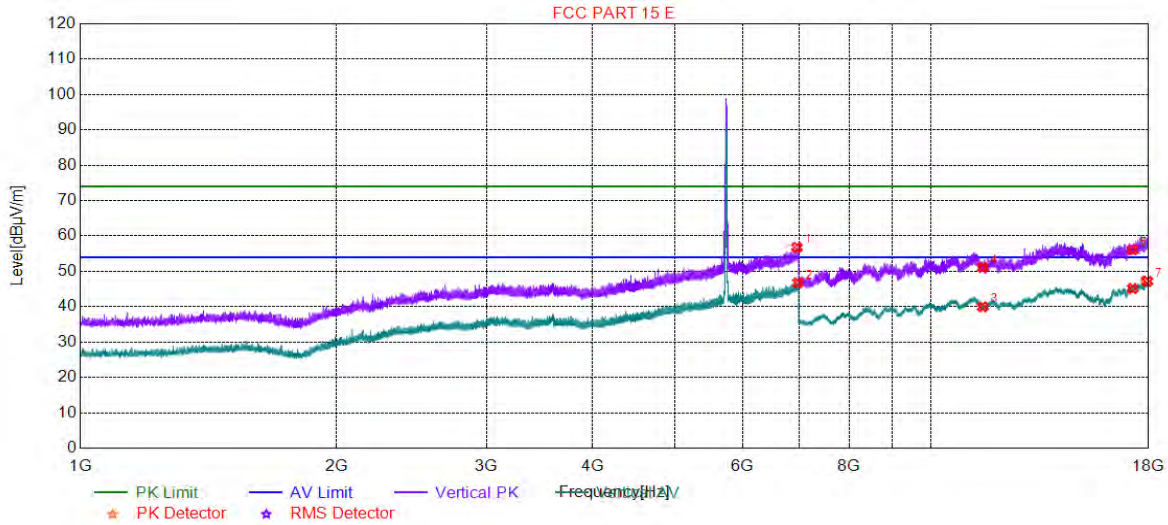
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6912.9957	47.67	20.93	54.00	6.33	280	18	Vertical
2	6953.7977	57.50	21.26	74.00	16.50	252	271	Vertical
3	11440.0000	41.52	-2.10	54.00	12.48	167	217	Vertical
4	11440.0000	52.53	-2.10	74.00	21.47	194	217	Vertical
5	17160.0000	57.21	0.06	74.00	16.79	228	317	Vertical
6	17160.0000	45.80	0.06	54.00	8.20	169	317	Vertical
7	17965.8983	48.26	1.71	54.00	5.74	225	18	Vertical





4.9.2.11 11A20_149 ANT 1_Vertical



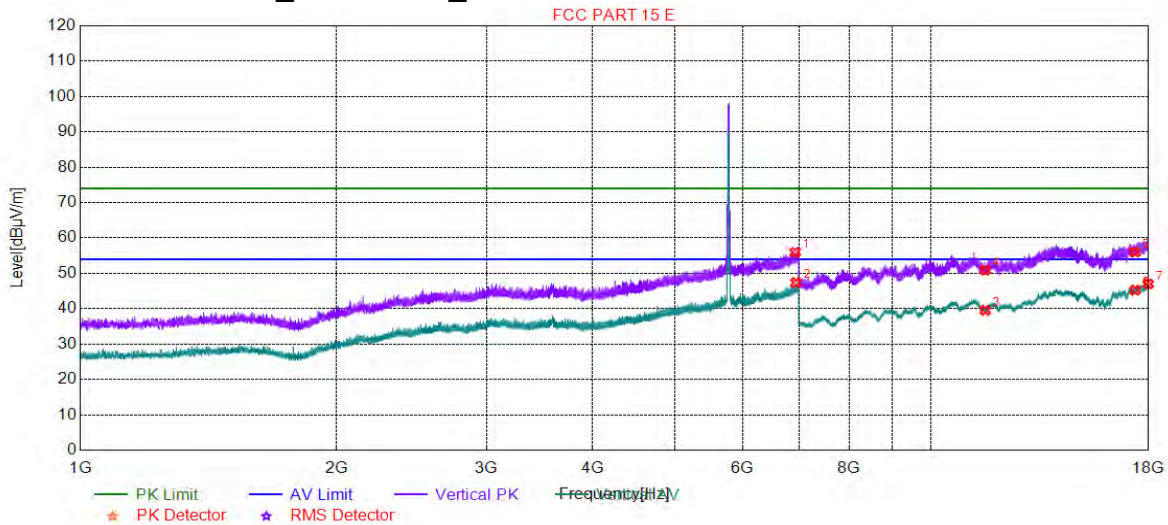
Suspected List

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1	6950.1975	56.79	21.26	74.00	17.21	199	119	Vertical
2	6970.5985	46.74	21.26	54.00	7.26	196	220	Vertical
3	11490.0000	39.95	-2.03	54.00	14.05	249	118	Vertical
4	11490.0000	51.10	-2.03	74.00	22.90	159	118	Vertical
5	17235.0000	56.07	0.33	74.00	17.93	150	268	Vertical
6	17235.0000	45.12	0.33	54.00	8.88	225	218	Vertical
7	17941.6971	47.20	1.70	54.00	6.80	161	118	Vertical





4.9.2.12 11A20_157 ANT 1_Vertical



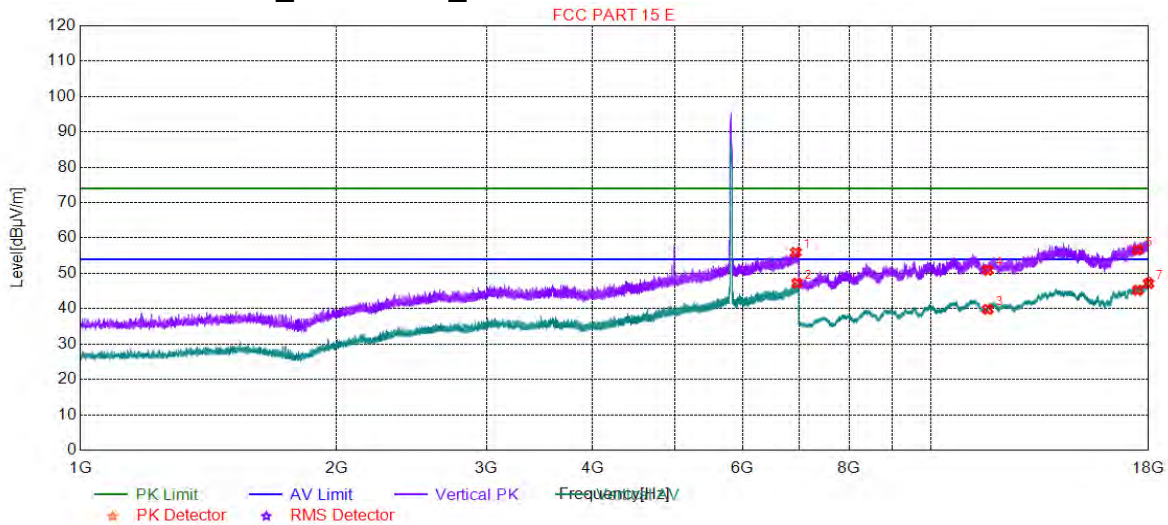
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6918.0959	55.97	20.97	74.00	18.03	206	119	Vertical
2	6933.0967	47.36	21.10	54.00	6.64	203	170	Vertical
3	11570.0000	39.57	-2.39	54.00	14.43	191	360	Vertical
4	11570.0000	50.90	-2.39	74.00	23.10	251	221	Vertical
5	17355.0000	56.01	1.06	74.00	17.99	169	69	Vertical
6	17355.0000	45.24	1.06	54.00	8.76	185	321	Vertical
7	17980.7490	47.02	1.71	54.00	6.98	183	170	Vertical





4.9.2.13 11A20_165 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6929.7965	55.95	21.08	74.00	18.05	242	69	Vertical
2	6953.1977	47.21	21.26	54.00	6.79	210	284	Vertical
3	11650.0000	39.80	-2.49	54.00	14.20	227	271	Vertical
4	11650.0000	50.93	-2.49	74.00	23.07	278	170	Vertical
5	17475.0000	56.67	1.76	74.00	17.33	235	119	Vertical
6	17475.0000	45.20	1.76	54.00	8.80	190	271	Vertical
7	17997.7999	47.12	1.72	54.00	6.88	245	170	Vertical

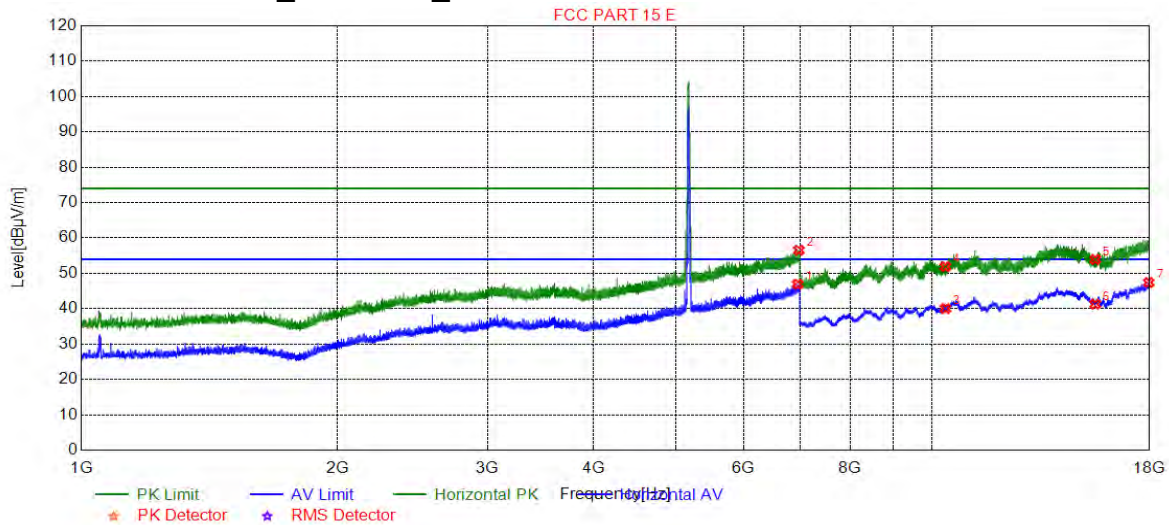


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4.9.2.14 11A20_36 ANT 1_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.3973	46.94	21.21	54.00	7.06	198	241	Horizontal
2	6969.6985	56.57	21.26	74.00	17.43	108	89	Horizontal
3	10360.0000	40.05	-3.63	54.00	13.95	116	90	Horizontal
4	10360.0000	51.89	-3.63	74.00	22.11	192	90	Horizontal
5	15540.0000	53.92	0.46	74.00	20.08	215	90	Horizontal
6	15540.0000	41.27	0.46	54.00	12.73	201	342	Horizontal
7	17955.9978	47.40	1.71	54.00	6.60	120	291	Horizontal

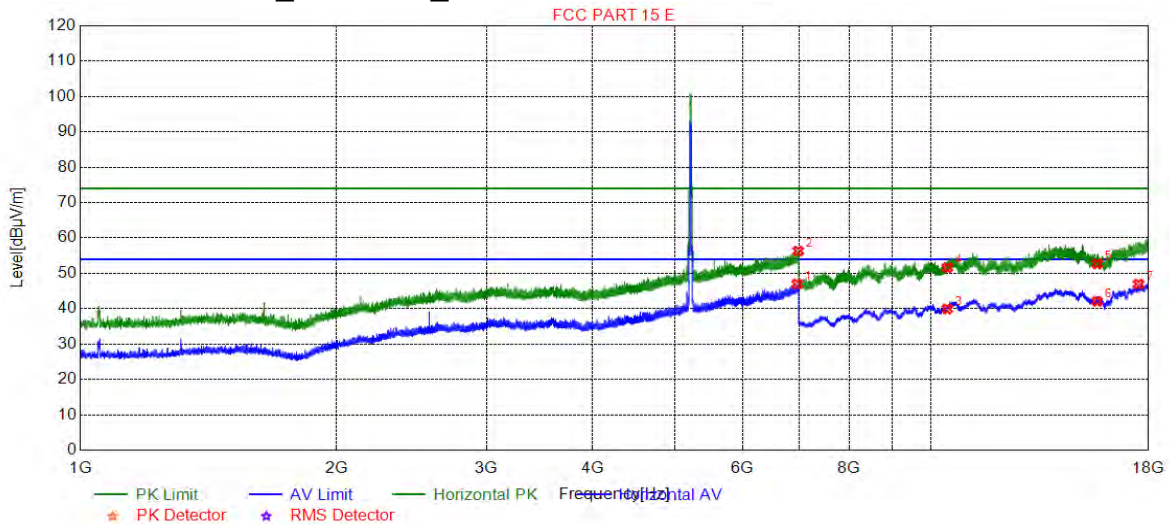


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4.9.2.15 11A20_44 ANT 1_ Horizontal



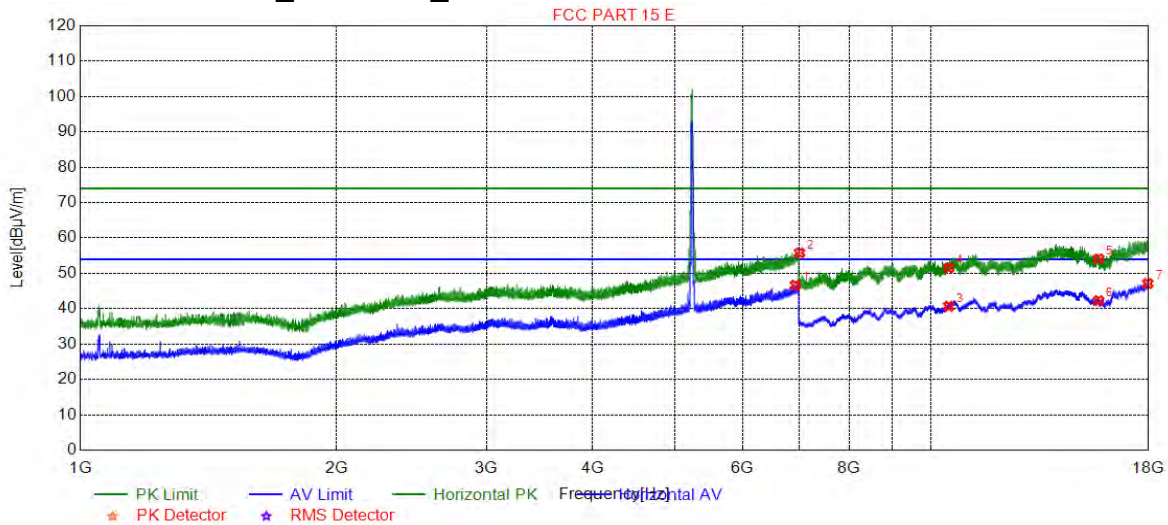
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.9978	46.99	21.26	54.00	7.01	136	88	Horizontal
2	6974.4987	56.31	21.26	74.00	17.69	231	36	Horizontal
3	10440.0000	39.94	-3.24	54.00	14.06	216	189	Horizontal
4	10440.0000	51.58	-3.24	74.00	22.42	219	342	Horizontal
5	15660.0000	52.68	0.43	74.00	21.32	154	84	Horizontal
6	15660.0000	42.11	0.43	54.00	11.89	247	134	Horizontal
7	17513.7757	46.97	1.97	54.00	7.03	135	189	Horizontal





4.9.2.16 11A20_48 ANT 1_ Horizontal



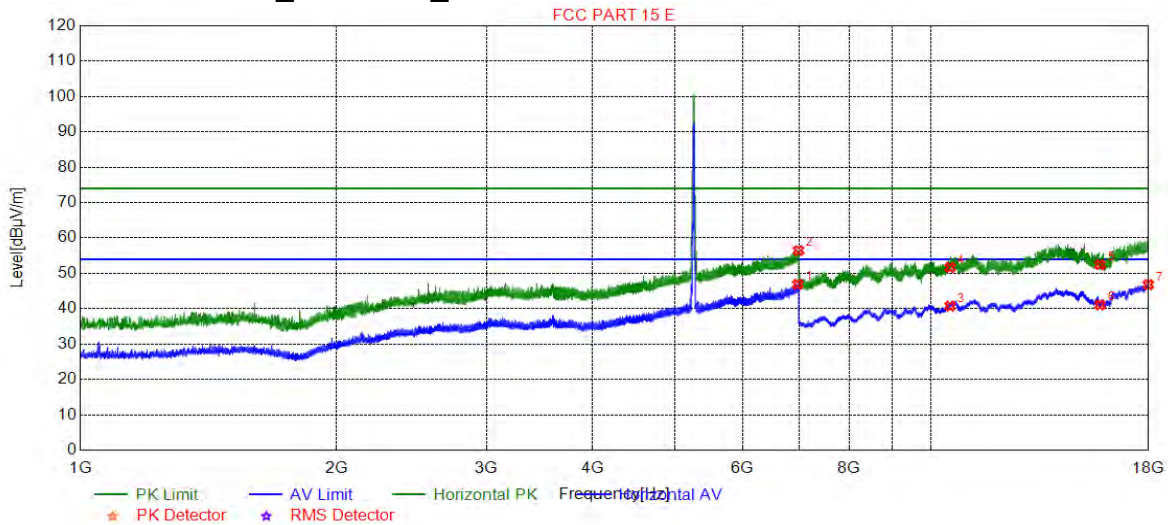
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.3961	46.65	21.00	54.00	7.35	176	288	Horizontal
2	6999.7000	55.78	21.27	74.00	18.22	138	120	Horizontal
3	10480.0000	40.68	-2.94	54.00	13.32	173	129	Horizontal
4	10480.0000	51.53	-2.94	74.00	22.47	101	287	Horizontal
5	15720.0000	54.09	0.29	74.00	19.91	208	76	Horizontal
6	15720.0000	42.29	0.29	54.00	11.71	223	25	Horizontal
7	17959.2980	47.13	1.71	54.00	6.87	237	287	Horizontal





4.9.2.17 11A20_52 ANT 1_ Horizontal



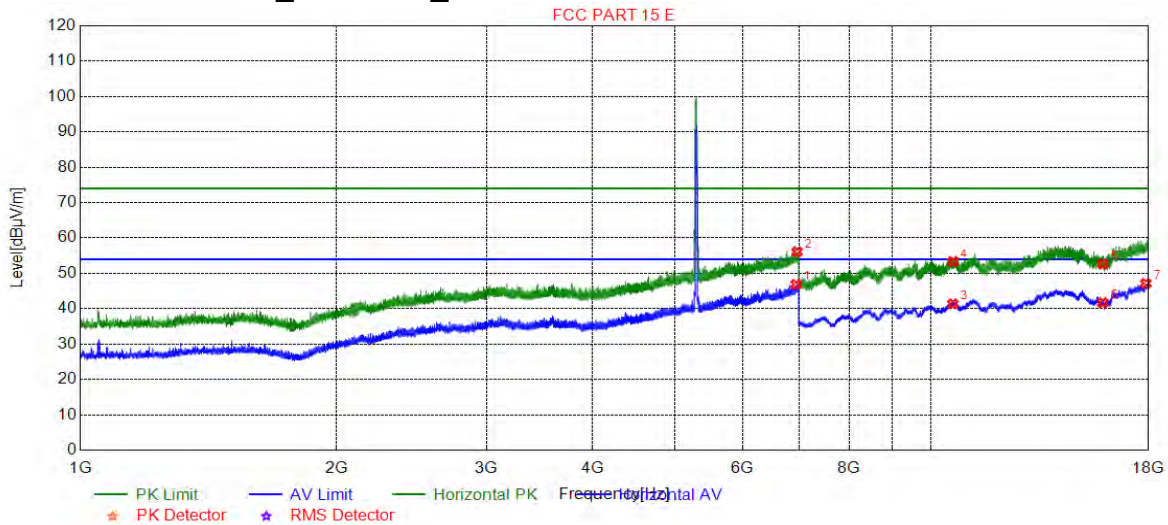
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6967.5984	46.90	21.26	54.00	7.10	156	292	Horizontal
2	6980.7990	56.48	21.26	74.00	17.52	124	191	Horizontal
3	10520.0000	40.73	-2.80	54.00	13.27	249	135	Horizontal
4	10520.0000	51.69	-2.80	74.00	22.31	199	289	Horizontal
5	15780.0000	52.44	-0.72	74.00	21.56	198	342	Horizontal
6	15780.0000	41.09	-0.72	54.00	12.91	152	188	Horizontal
7	17983.4992	46.80	1.72	54.00	7.20	211	238	Horizontal





4.9.2.18 11A20_60 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6935.1968	46.85	21.12	54.00	7.15	248	342	Horizontal
2	6953.7977	56.11	21.26	74.00	17.89	231	240	Horizontal
3	10600.0000	41.36	-2.86	54.00	12.64	162	86	Horizontal
4	10600.0000	53.32	-2.86	74.00	20.68	175	190	Horizontal
5	15900.0000	52.61	-0.51	74.00	21.39	126	86	Horizontal
6	15900.0000	41.70	-0.51	54.00	12.30	218	86	Horizontal
7	17863.0432	47.14	1.20	54.00	6.86	162	342	Horizontal

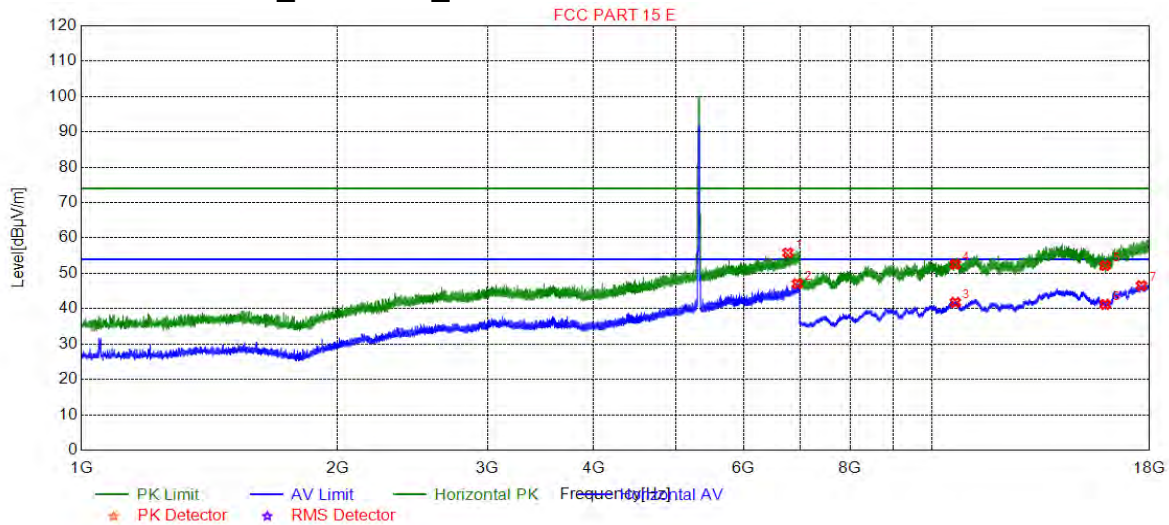


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4.9.2.19 11A20_64 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6765.0883	55.82	20.57	74.00	18.18	108	291	Horizontal
2	6939.9970	47.07	21.17	54.00	6.93	224	140	Horizontal
3	10640.0000	41.77	-2.84	54.00	12.23	234	90	Horizontal
4	10640.0000	52.51	-2.84	74.00	21.49	133	342	Horizontal
5	15960.0000	52.19	-0.61	74.00	21.81	200	191	Horizontal
6	15960.0000	41.20	-0.61	54.00	12.80	131	0	Horizontal
7	17603.9802	46.54	2.31	54.00	7.46	173	191	Horizontal

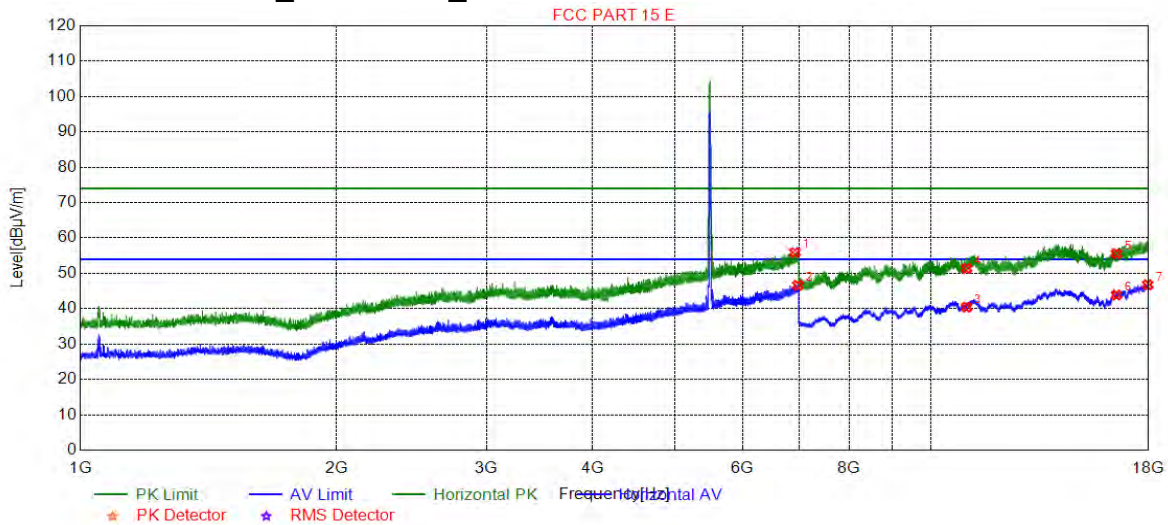


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4.9.2.20 11A20_100 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6912.3956	55.92	20.92	74.00	18.08	117	0	Horizontal
2	6967.8984	46.63	21.26	54.00	7.37	236	0	Horizontal
3	11000.0000	40.44	-2.17	54.00	13.56	128	189	Horizontal
4	11000.0000	51.36	-2.17	74.00	22.64	126	291	Horizontal
5	16500.0000	55.59	0.34	74.00	18.41	241	139	Horizontal
6	16500.0000	43.89	0.34	54.00	10.11	120	240	Horizontal
7	17955.9978	46.77	1.71	54.00	7.23	120	139	Horizontal

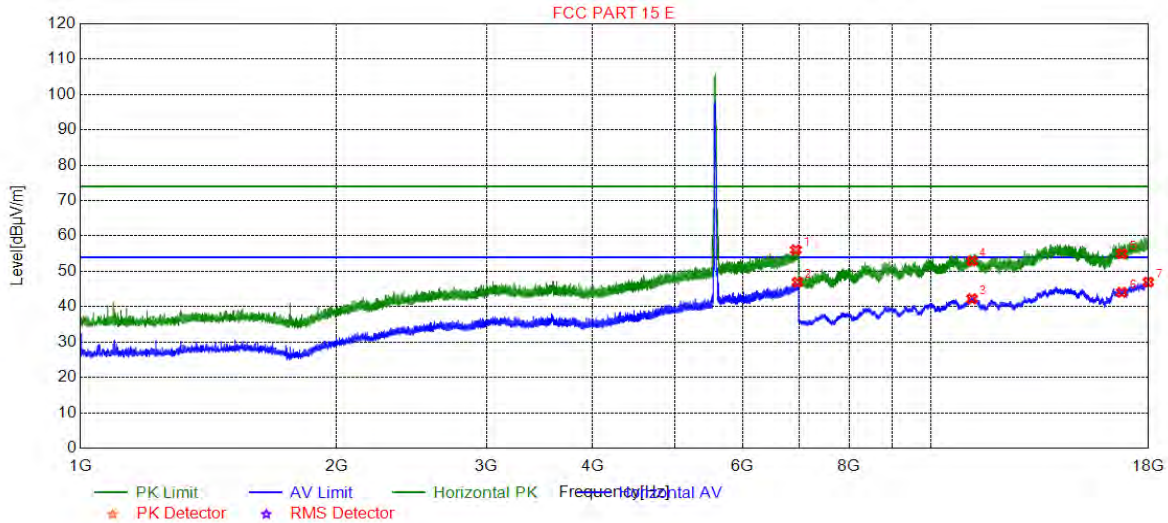


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4.9.2.21 11A20_116 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6929.7965	56.08	21.08	74.00	17.92	112	192	Horizontal
2	6960.6980	46.93	21.26	54.00	7.07	120	40	Horizontal
3	11160.0000	42.24	-2.32	54.00	11.76	125	186	Horizontal
4	11160.0000	52.93	-2.32	74.00	21.07	185	135	Horizontal
5	16740.0000	54.97	0.71	74.00	19.03	231	85	Horizontal
6	16740.0000	44.06	0.71	54.00	9.94	233	34	Horizontal
7	17986.7993	46.95	1.72	54.00	7.05	212	34	Horizontal

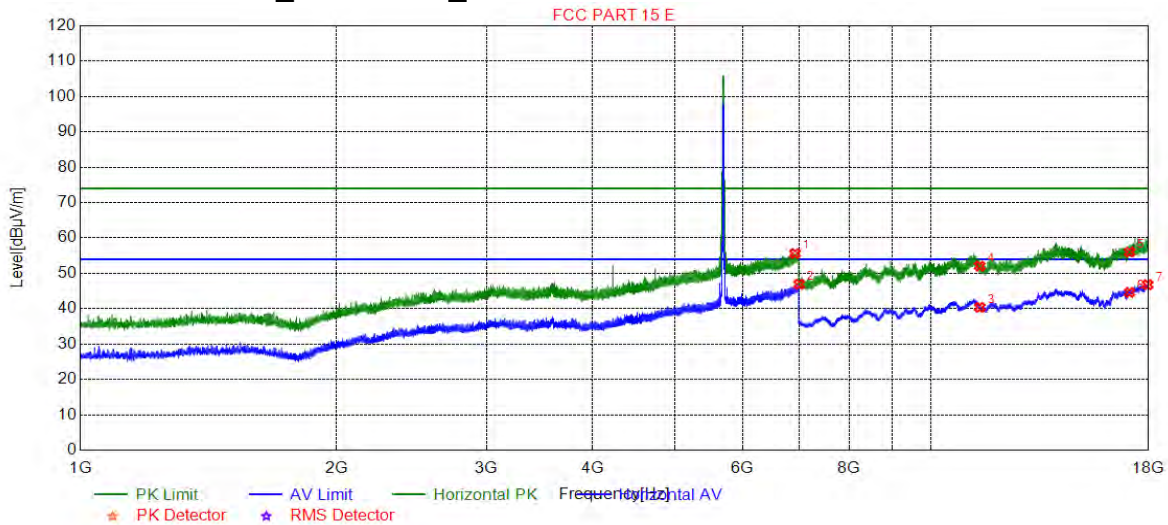


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4.9.2.22 11A20_140 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6913.5957	55.62	20.93	74.00	18.38	157	239	Horizontal
2	6992.4996	46.92	21.27	54.00	7.08	115	291	Horizontal
3	11400.0000	40.37	-2.15	54.00	13.63	148	41	Horizontal
4	11400.0000	52.06	-2.15	74.00	21.94	213	0	Horizontal
5	17100.0000	56.03	0.04	74.00	17.97	232	241	Horizontal
6	17100.0000	44.61	0.04	54.00	9.39	237	140	Horizontal
7	17956.5478	46.79	1.71	54.00	7.21	210	0	Horizontal

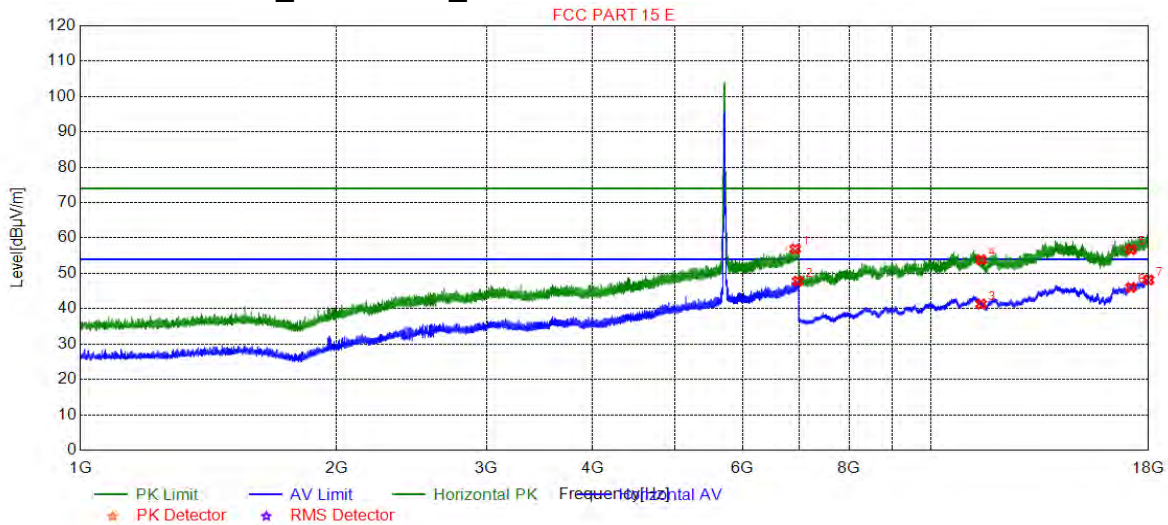


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4.9.2.23 11A20_144 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6919.2960	56.90	20.98	74.00	17.10	194	291	Horizontal
2	6967.8984	47.80	21.26	54.00	6.20	192	91	Horizontal
3	11440.0000	41.31	-2.10	54.00	12.69	104	242	Horizontal
4	11440.0000	53.84	-2.10	74.00	20.16	153	0	Horizontal
5	17160.0000	56.70	0.06	74.00	17.30	102	0	Horizontal
6	17160.0000	46.02	0.06	54.00	7.98	238	342	Horizontal
7	17999.4500	48.16	1.72	54.00	5.84	136	342	Horizontal

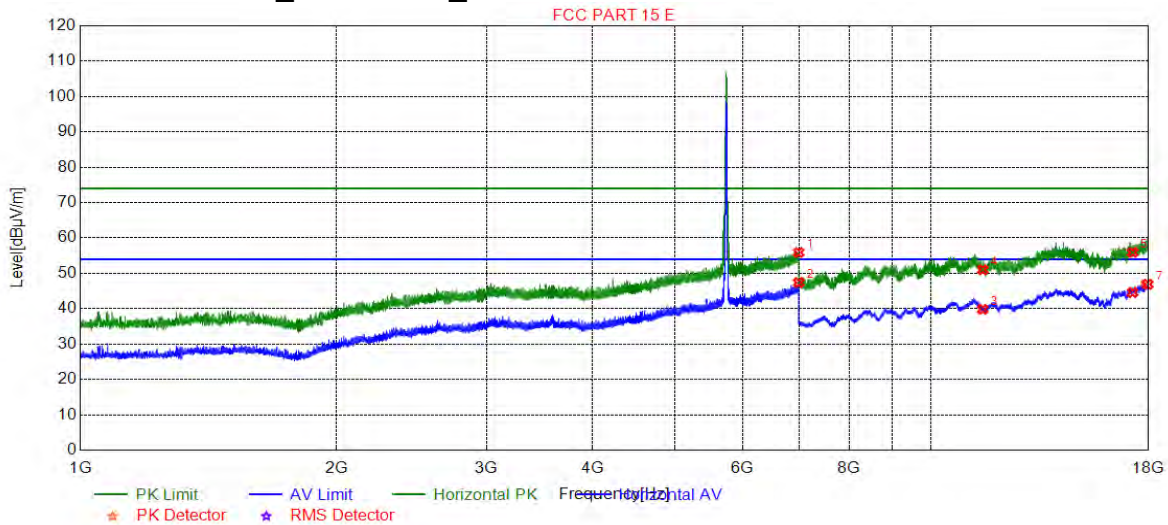


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4.9.2.24 11A20_149 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6983.1992	55.92	21.26	74.00	18.08	118	291	Horizontal
2	6983.1992	47.37	21.26	54.00	6.63	113	240	Horizontal
3	11490.0000	39.81	-2.03	54.00	14.19	118	240	Horizontal
4	11490.0000	51.02	-2.03	74.00	22.98	193	291	Horizontal
5	17235.0000	55.89	0.33	74.00	18.11	219	90	Horizontal
6	17235.0000	44.57	0.33	54.00	9.43	177	240	Horizontal
7	17957.0979	46.88	1.71	54.00	7.12	164	291	Horizontal

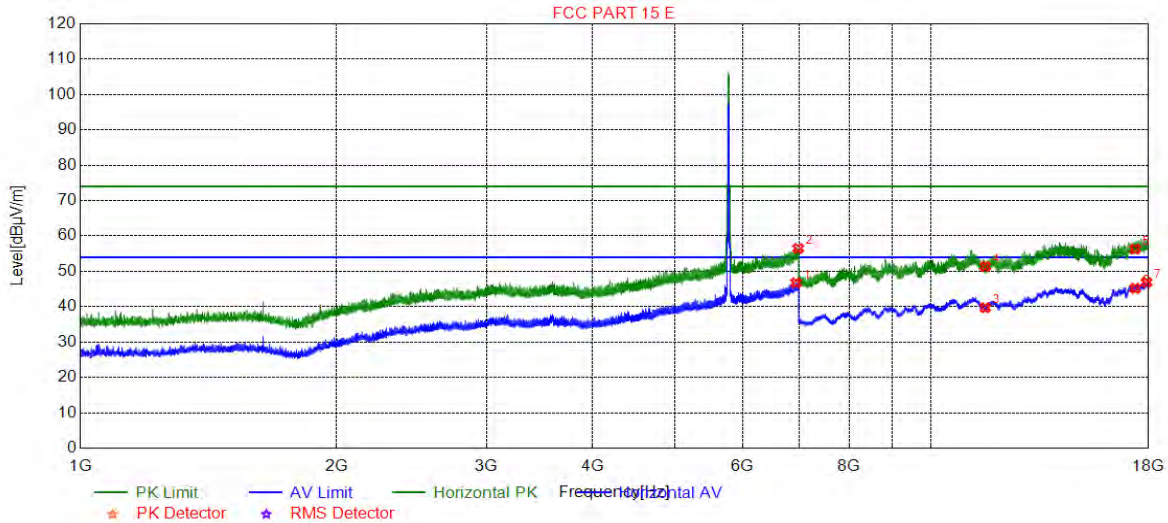


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4.9.2.25 11A20_157 ANT 1_ Horizontal



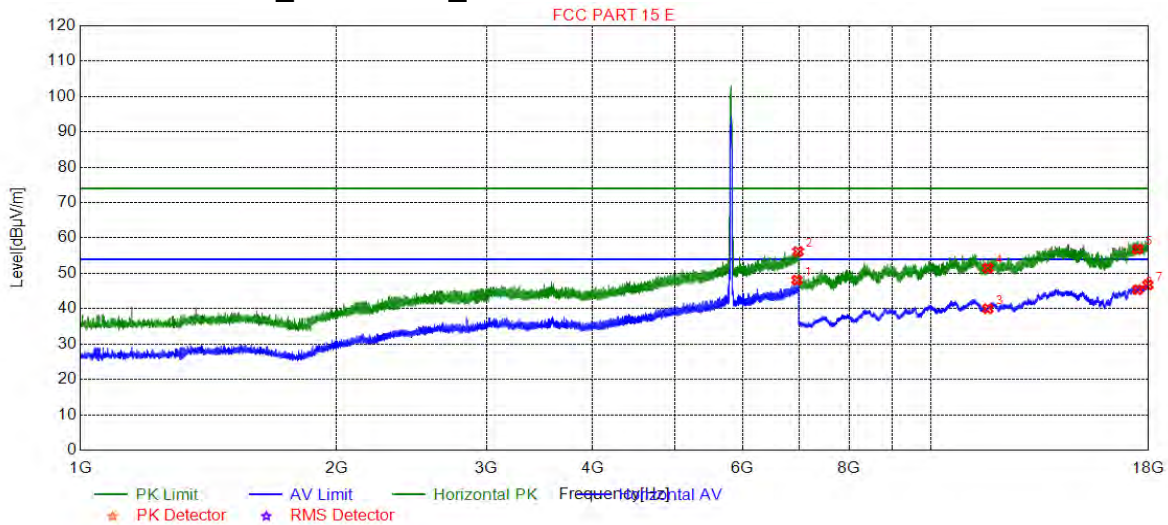
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.9967	46.74	21.11	54.00	7.26	127	292	Horizontal
2	6975.6988	56.50	21.26	74.00	17.50	140	241	Horizontal
3	11570.0000	39.71	-2.39	54.00	14.29	197	240	Horizontal
4	11570.0000	51.35	-2.39	74.00	22.65	194	0	Horizontal
5	17355.0000	56.31	1.06	74.00	17.69	202	240	Horizontal
6	17355.0000	45.17	1.06	54.00	8.83	218	240	Horizontal
7	17899.3450	46.90	1.68	54.00	7.10	187	240	Horizontal





4.9.2.26 11A20_165 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6949.8975	48.08	21.25	54.00	5.92	110	139	Horizontal
2	6971.7986	56.16	21.26	74.00	17.84	122	192	Horizontal
3	11650.0000	40.00	-2.49	54.00	14.00	206	291	Horizontal
4	11650.0000	51.48	-2.49	74.00	22.52	222	291	Horizontal
5	17475.0000	56.85	1.76	74.00	17.15	241	191	Horizontal
6	17475.0000	45.38	1.76	54.00	8.62	204	91	Horizontal
7	17962.5981	46.74	1.71	54.00	7.26	165	0	Horizontal

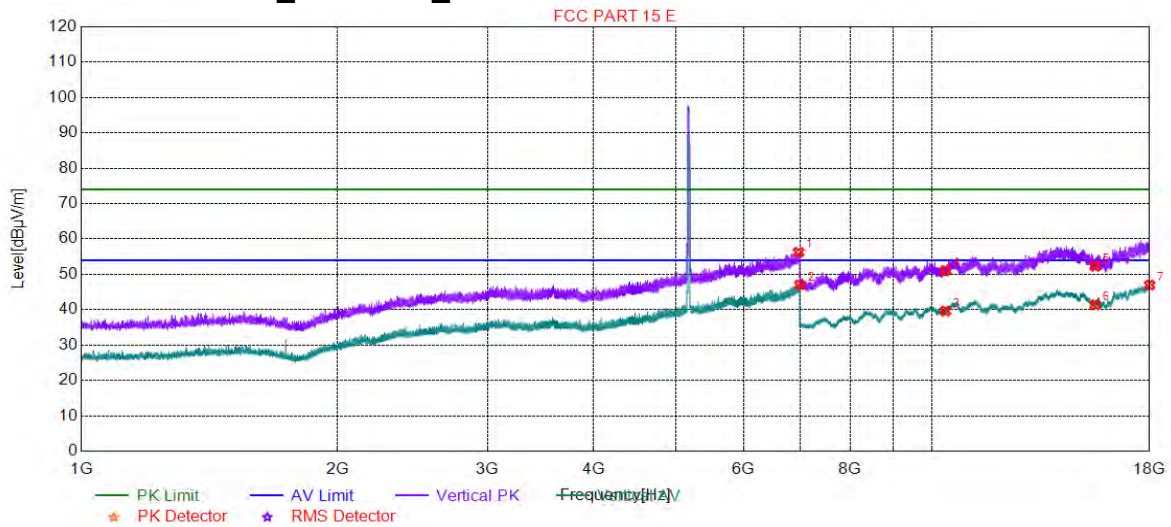


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4.9.2.27 11N20_36 ANT 1_Vertical

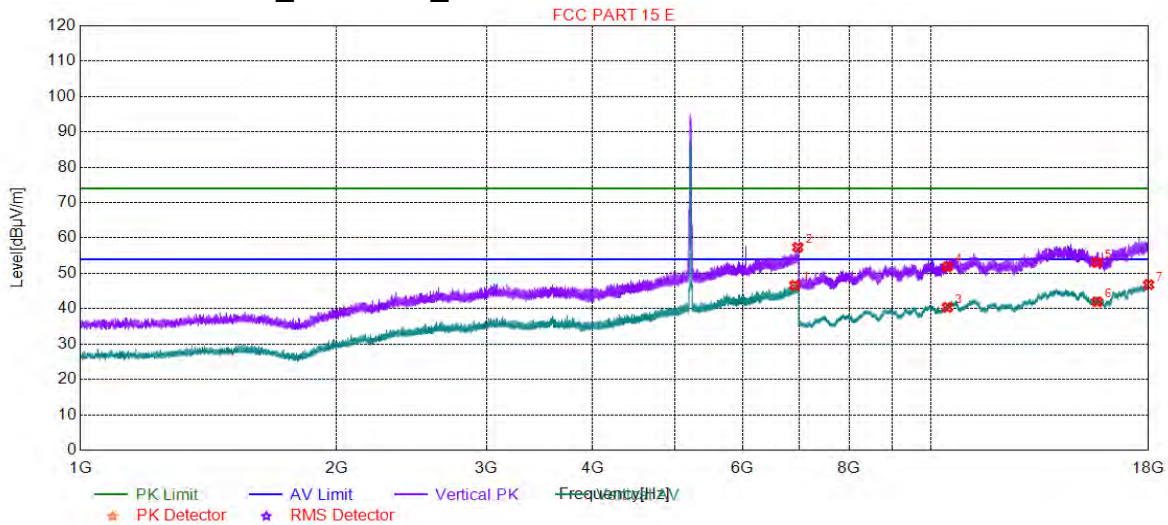


Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6962.4981	56.25	21.26	74.00	17.75	240	220	Vertical
2	6985.5993	47.04	21.27	54.00	6.96	199	120	Vertical
3	10360.0000	39.63	-3.63	54.00	14.37	192	360	Vertical
4	10360.0000	51.05	-3.63	74.00	22.95	163	272	Vertical
5	15540.0000	52.30	0.46	74.00	21.70	267	272	Vertical
6	15540.0000	41.39	0.46	54.00	12.61	184	272	Vertical
7	17996.6998	46.96	1.72	54.00	7.04	176	120	Vertical





4.9.2.28 11N20_44 ANT 1_Vertical



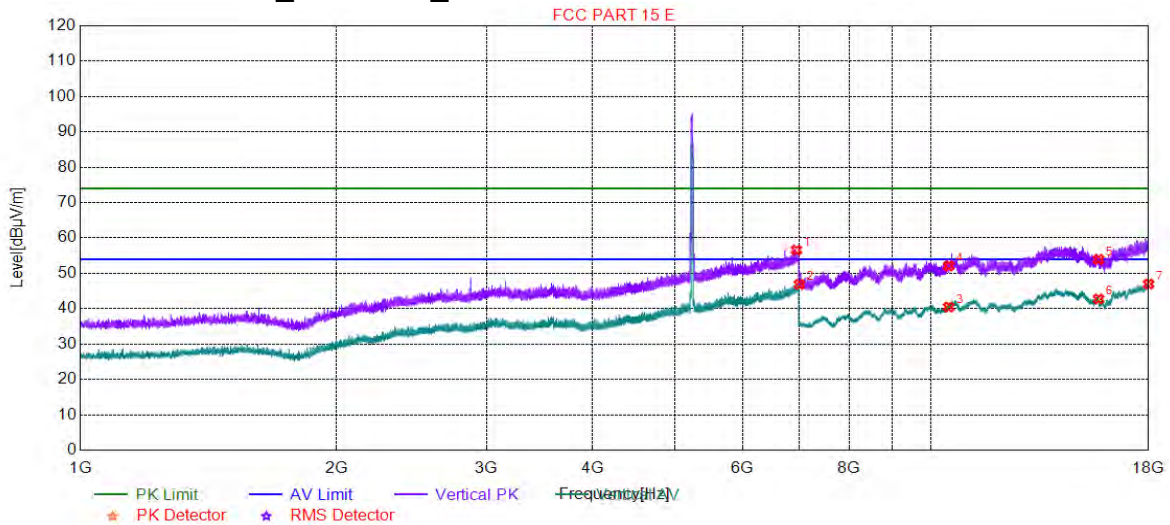
Suspected List

NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.8955	46.61	20.91	54.00	7.39	163	360	Vertical
2	6968.1984	57.37	21.26	74.00	16.63	245	320	Vertical
3	10440.0000	40.41	-3.24	54.00	13.59	285	119	Vertical
4	10440.0000	51.86	-3.24	74.00	22.14	222	68	Vertical
5	15660.0000	53.08	0.43	74.00	20.92	259	18	Vertical
6	15660.0000	41.96	0.43	54.00	12.04	204	170	Vertical
7	17998.8999	46.79	1.72	54.00	7.21	257	220	Vertical





4.9.2.29 11N20_48 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6941.4971	56.59	21.18	74.00	17.41	267	360	Vertical
2	6996.6998	46.86	21.27	54.00	7.14	245	168	Vertical
3	10480.0000	40.48	-2.94	54.00	13.52	170	18	Vertical
4	10480.0000	52.12	-2.94	74.00	21.88	214	269	Vertical
5	15720.0000	53.94	0.29	74.00	20.06	167	269	Vertical
6	15720.0000	42.75	0.29	54.00	11.25	221	319	Vertical
7	17999.4500	46.96	1.72	54.00	7.04	222	269	Vertical

