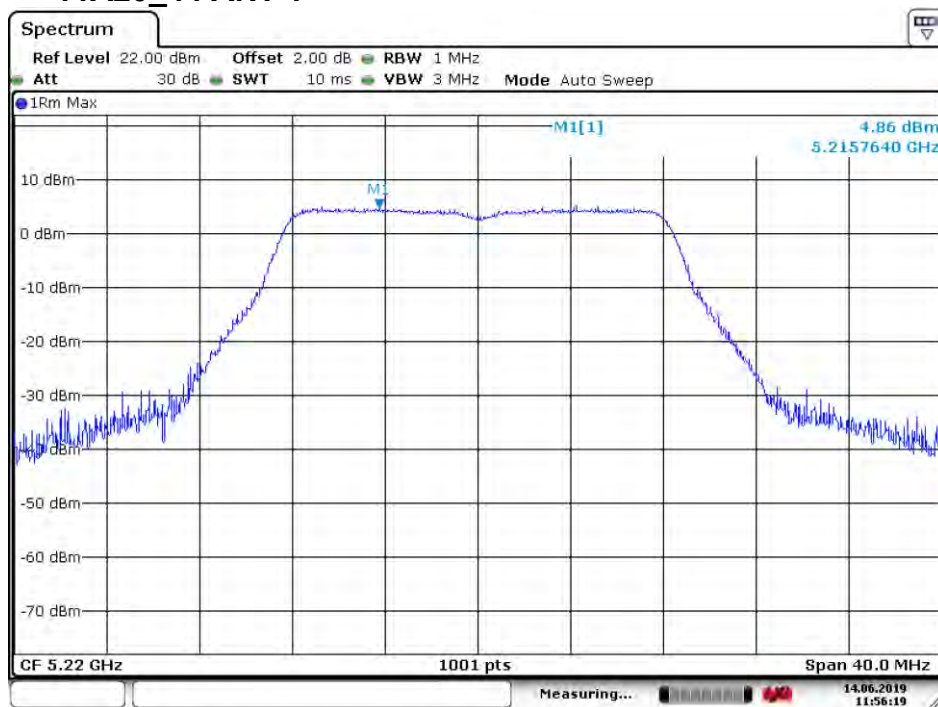


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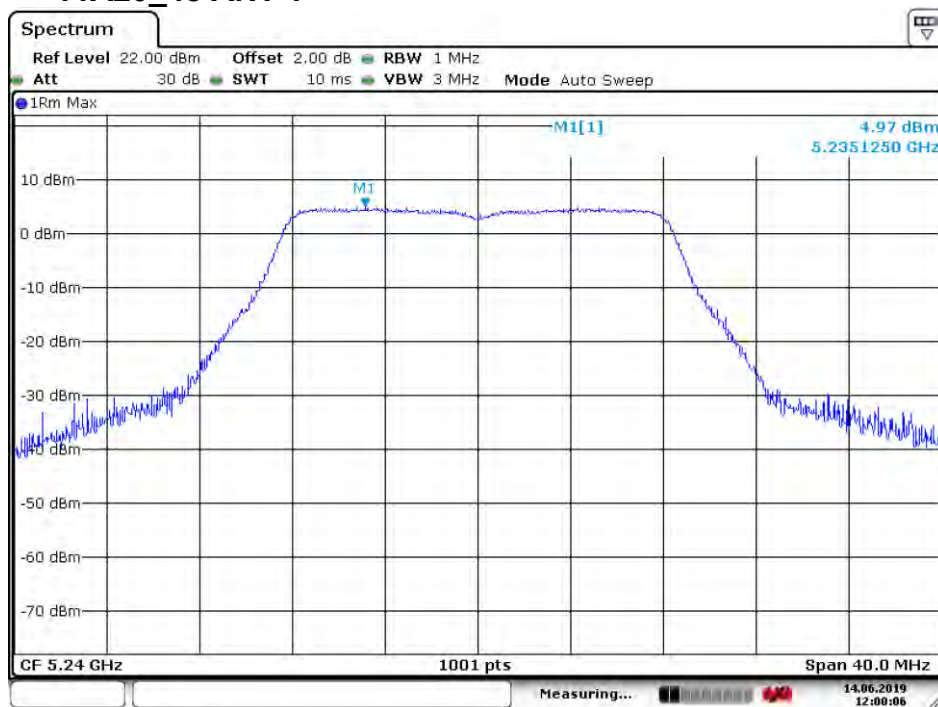
11A20_44 ANT 1



Date: 14 JUN.2019 11:56:19

4.7.1.3

11A20_48 ANT 1

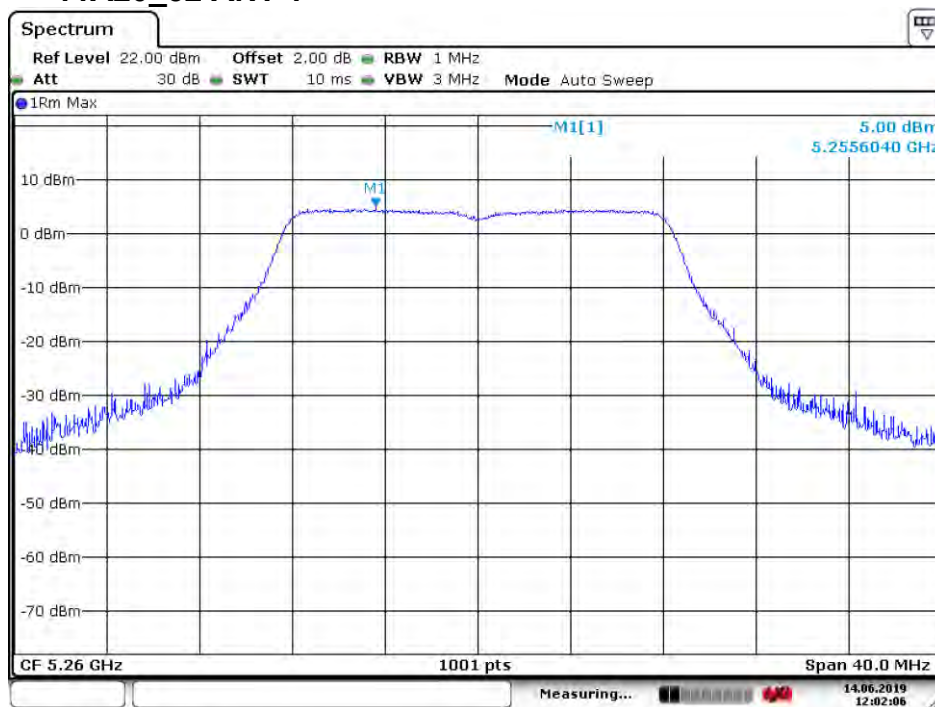


Date: 14 JUN.2019 12:00:07



4.7.1.4

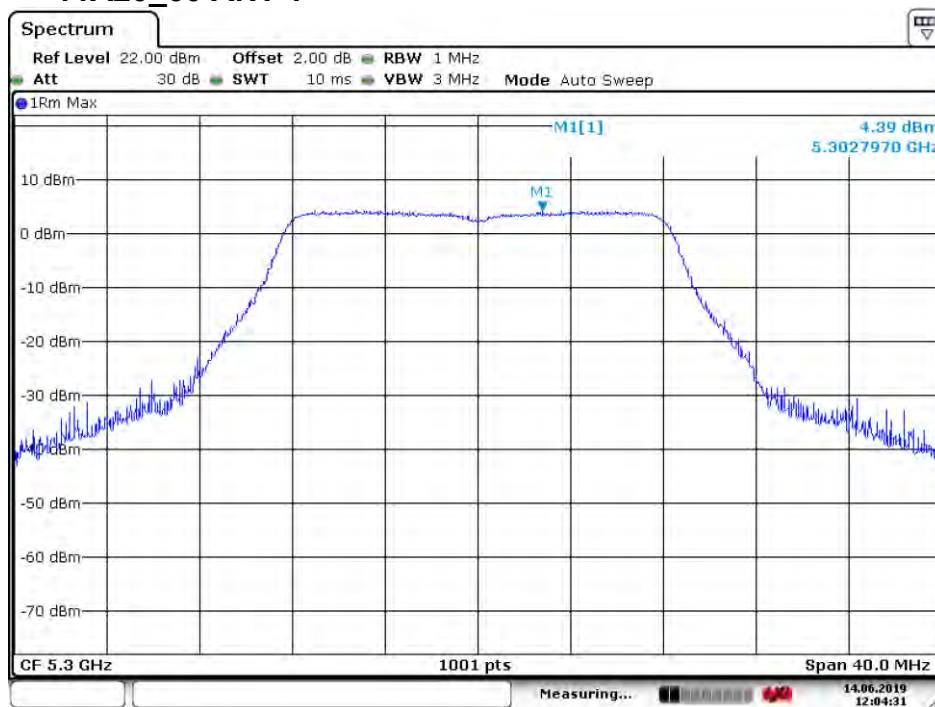
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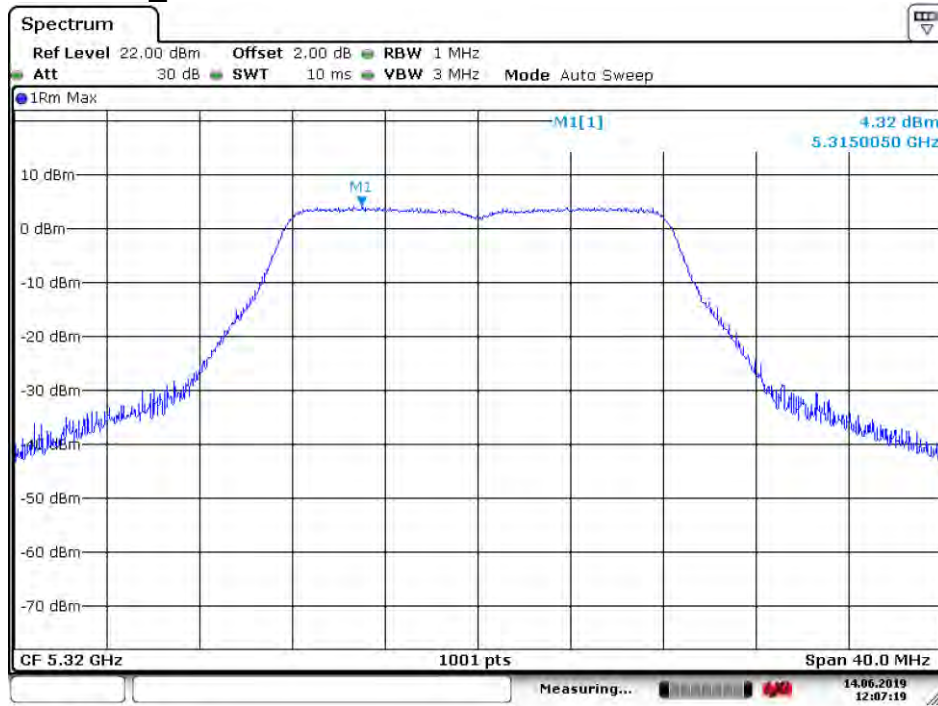


Date: 14 JUN 2019, 12:04:31



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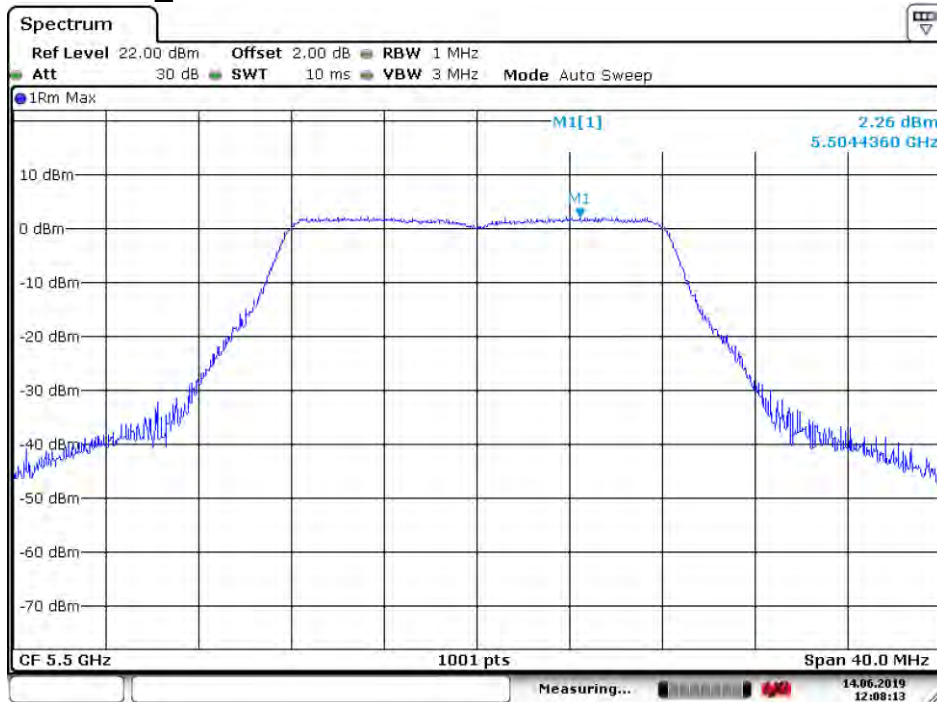
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4.7.1.7

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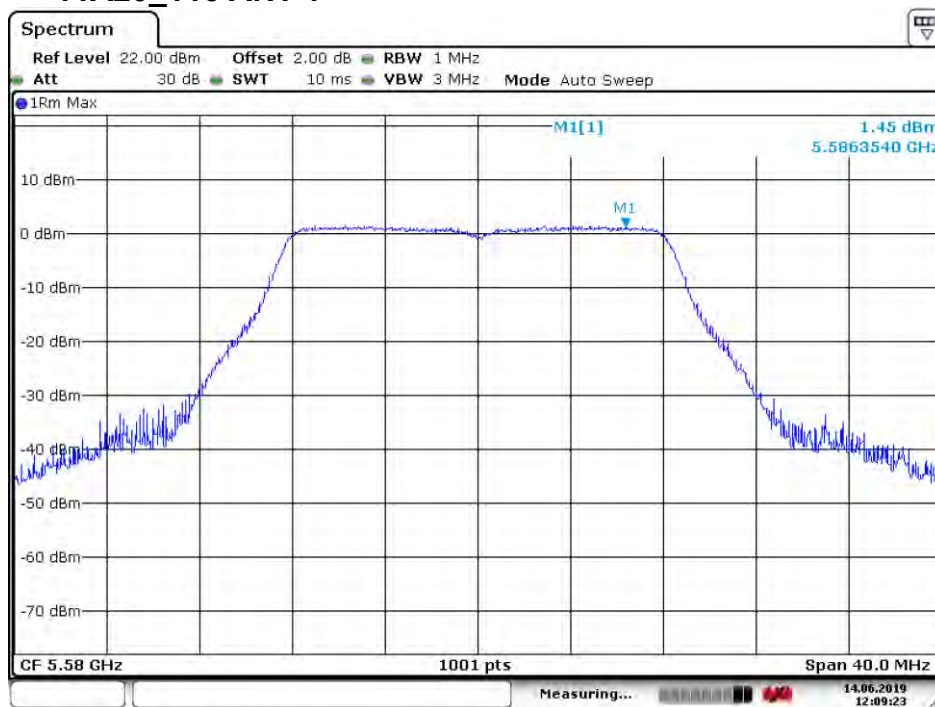


Date: 14.JUN.2019, 12:08:14



4.7.1.8

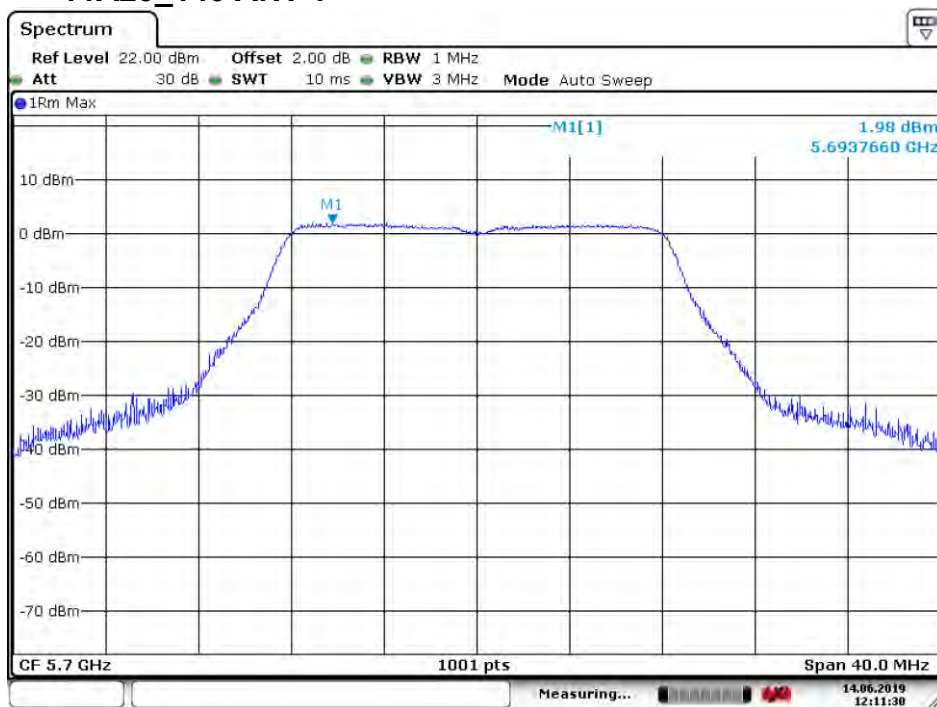
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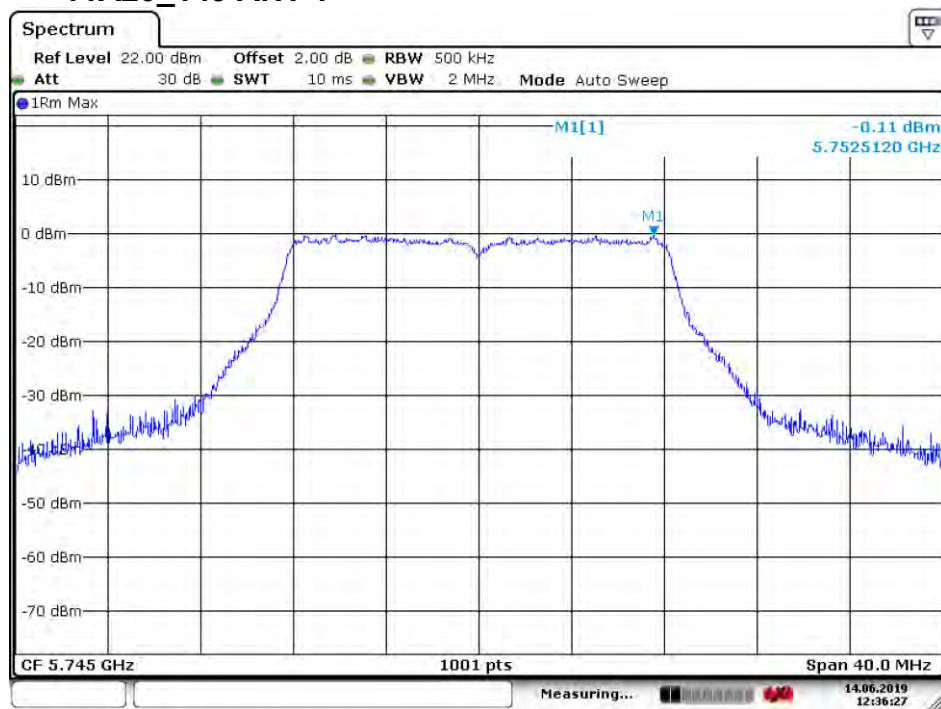
11A20_140 ANT 1



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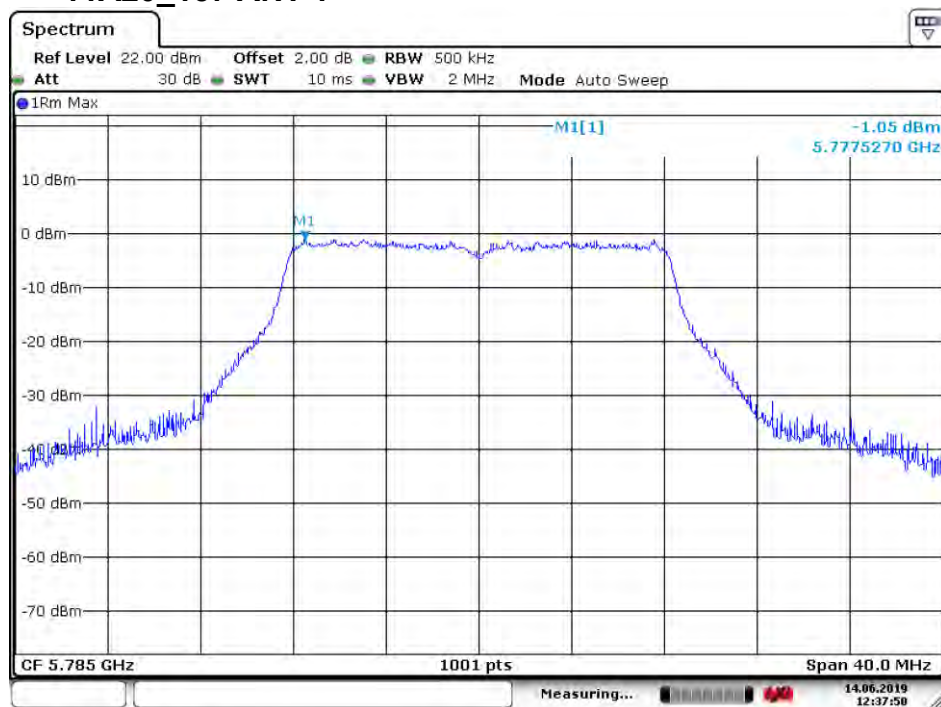


4.7.1.10 11A20_149 ANT 1



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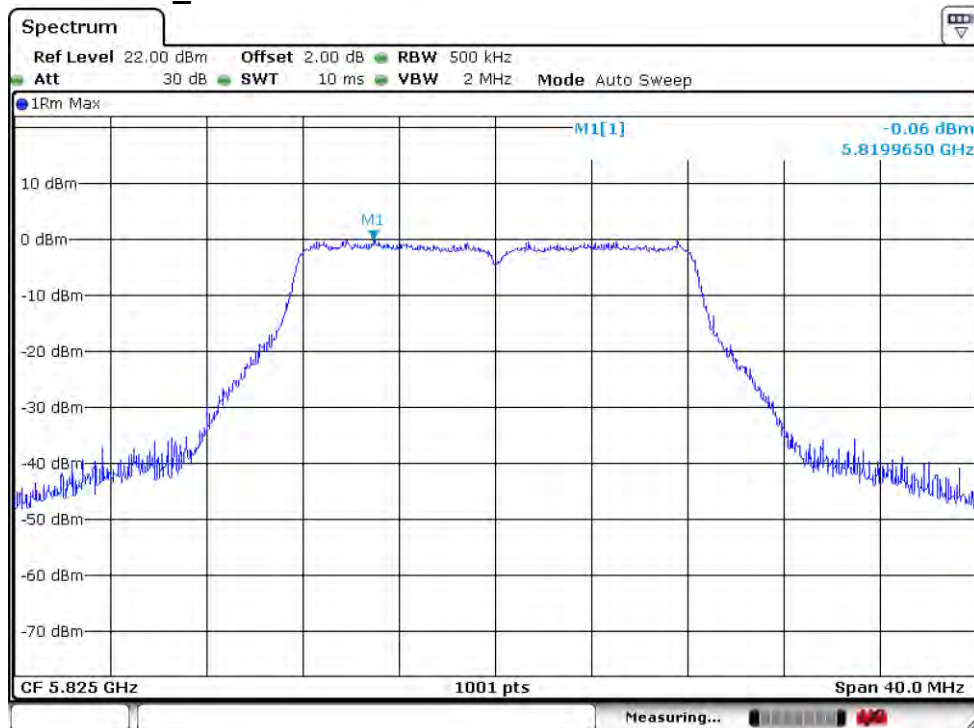
4.7.1.11 11A20_157 ANT 1



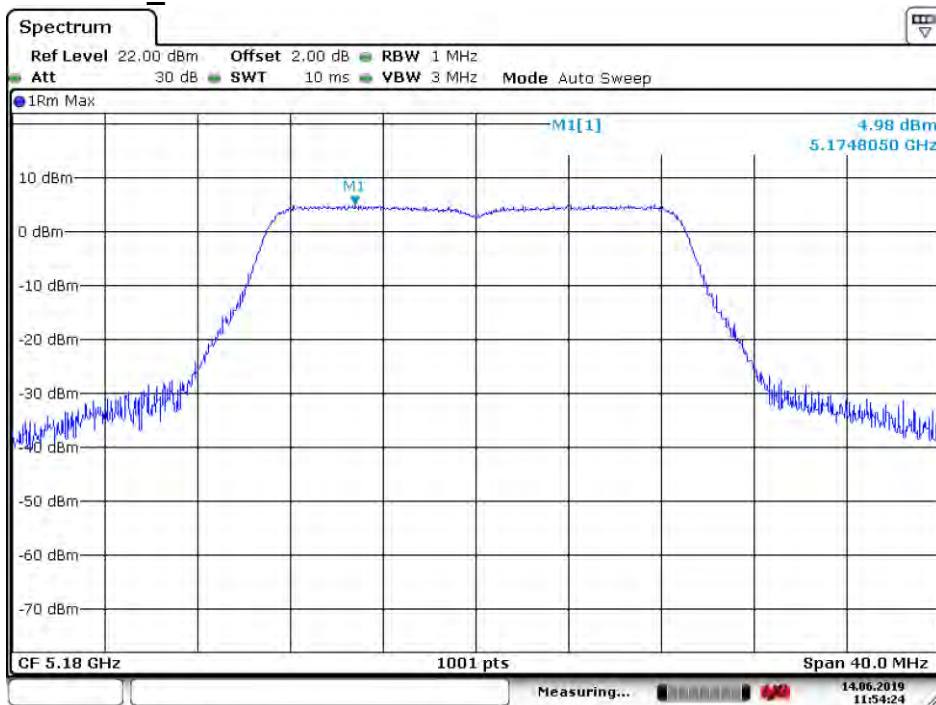
Date: 14 JUN.2019 12:37:51



4.7.1.12 11A20_165 ANT 1



4.7.1.13 11N20_36 ANT 1

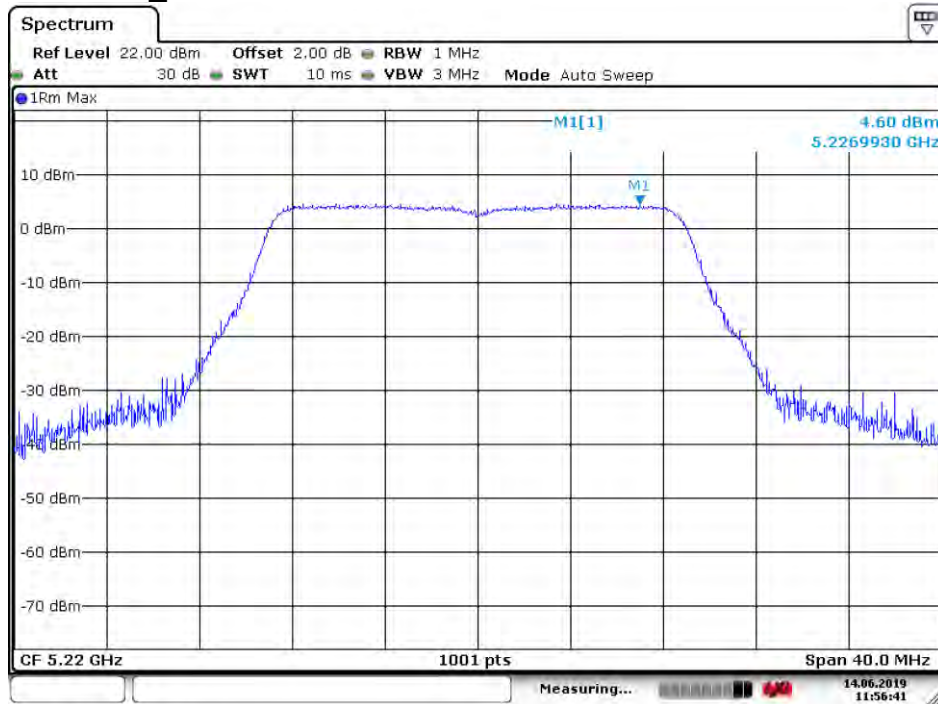


Date: 14 JUN 2019 11:54:25



4.7.1.14

11N20_44 ANT 1



Date: 14 JUN 2019 11:56:42

4.7.1.15

11N20_48 ANT 1

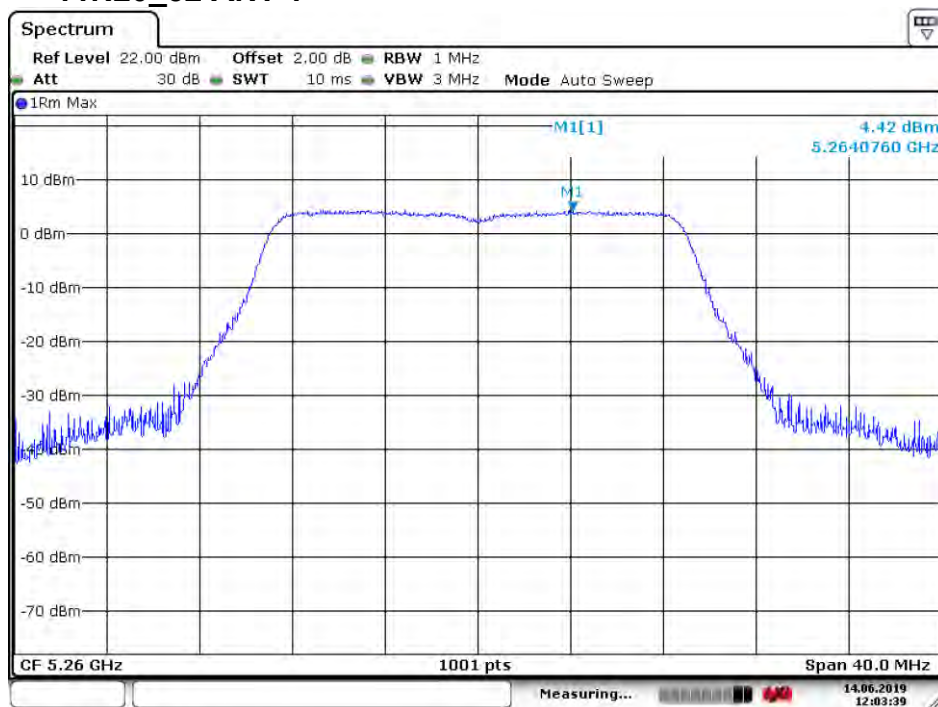


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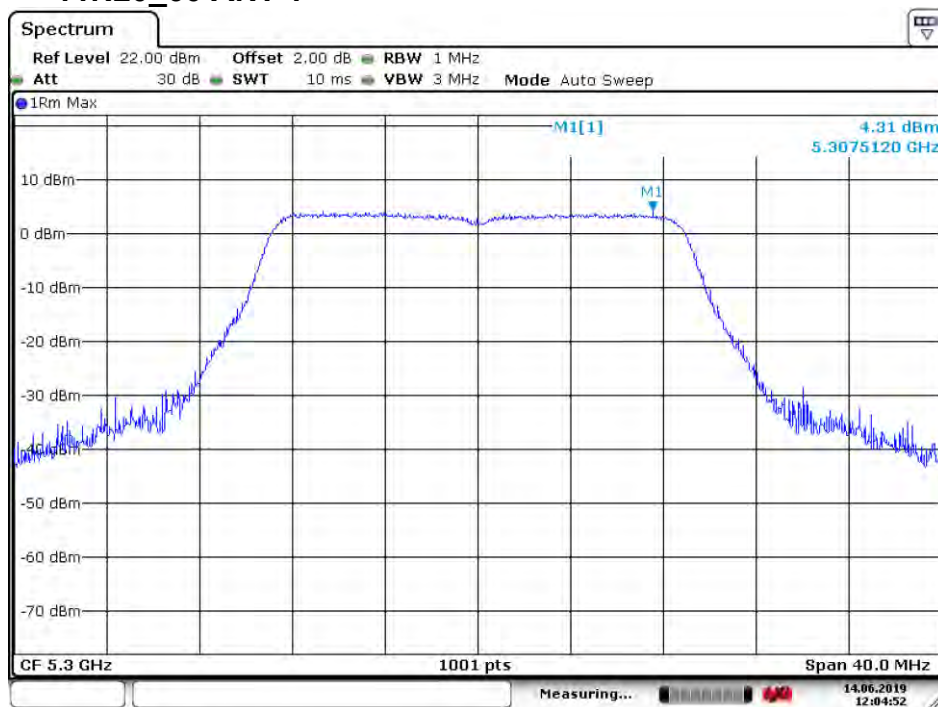
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4.7.1.17

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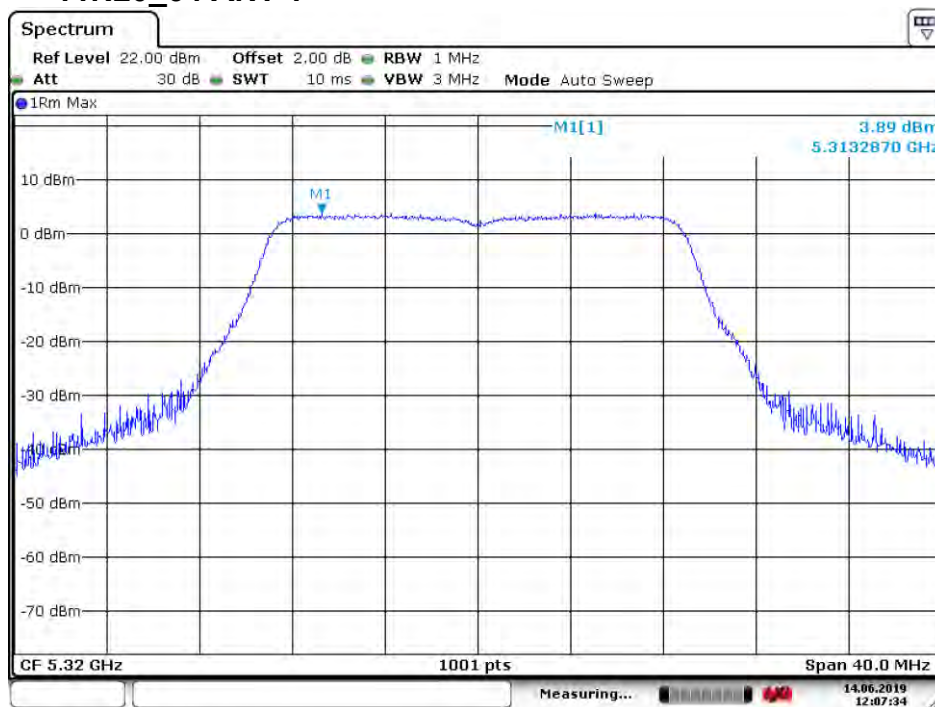


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4.7.1.18

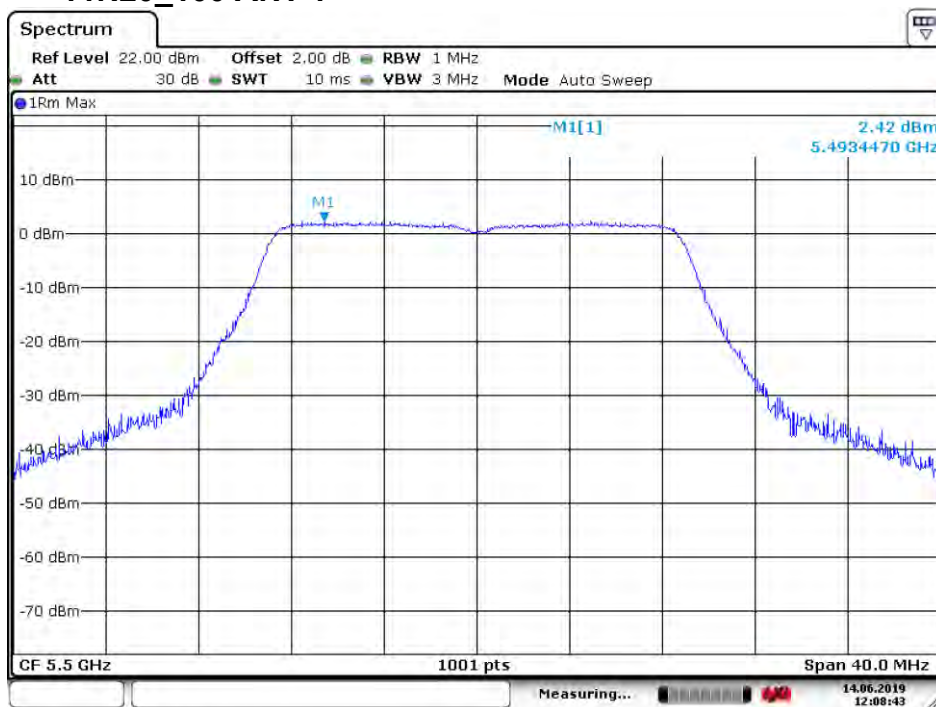
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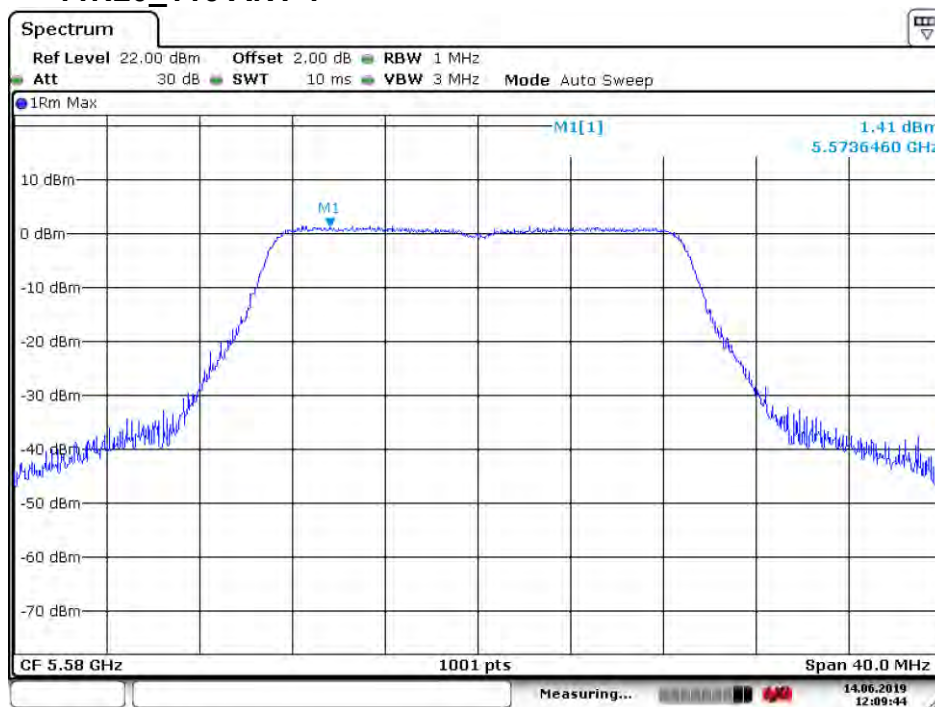


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4.7.1.20

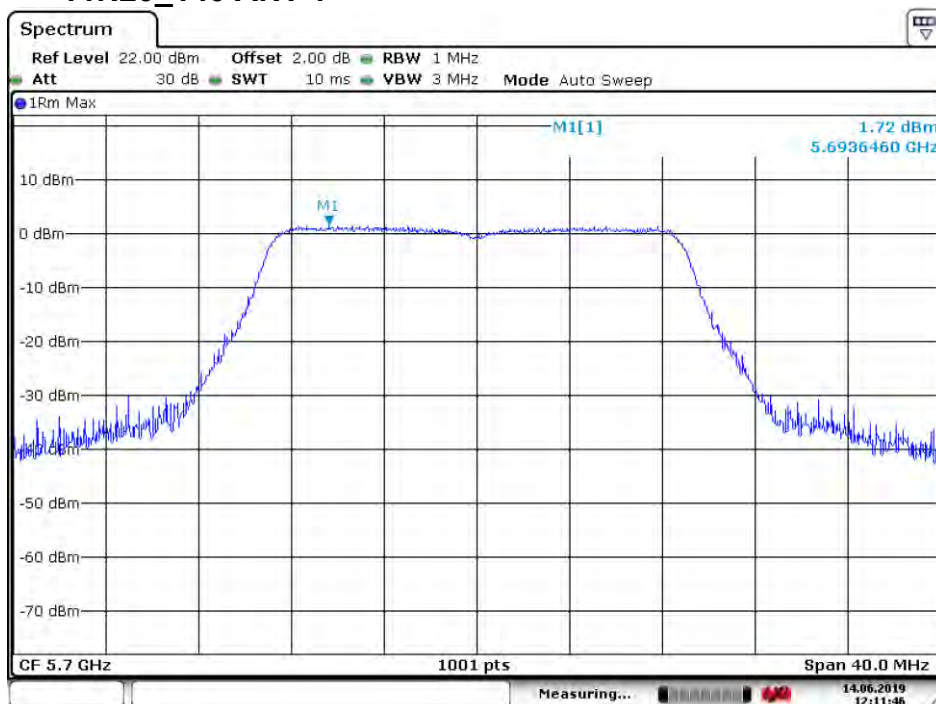
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4.7.1.21

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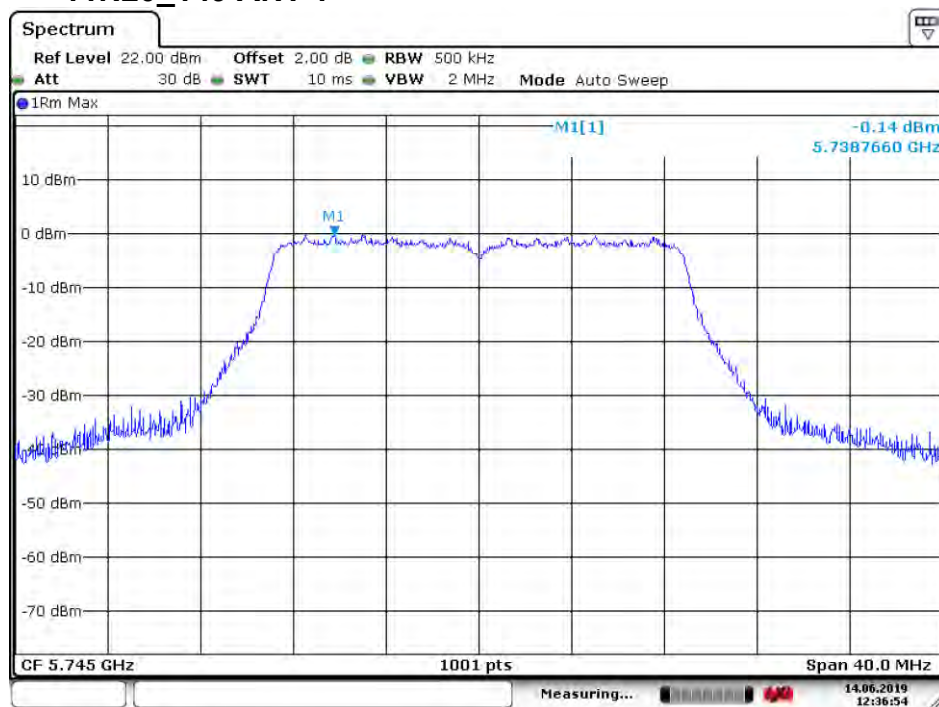


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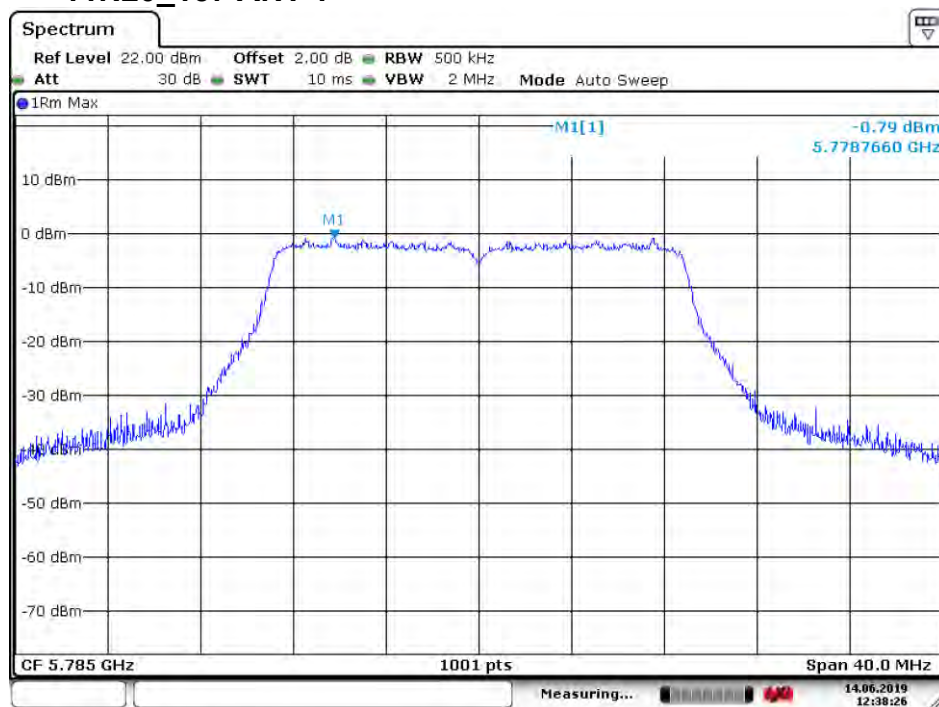
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4.7.1.22 11N20_149 ANT 1



Date: 14 JUN.2019 12:36:54

4.7.1.23 11N20_157 ANT 1



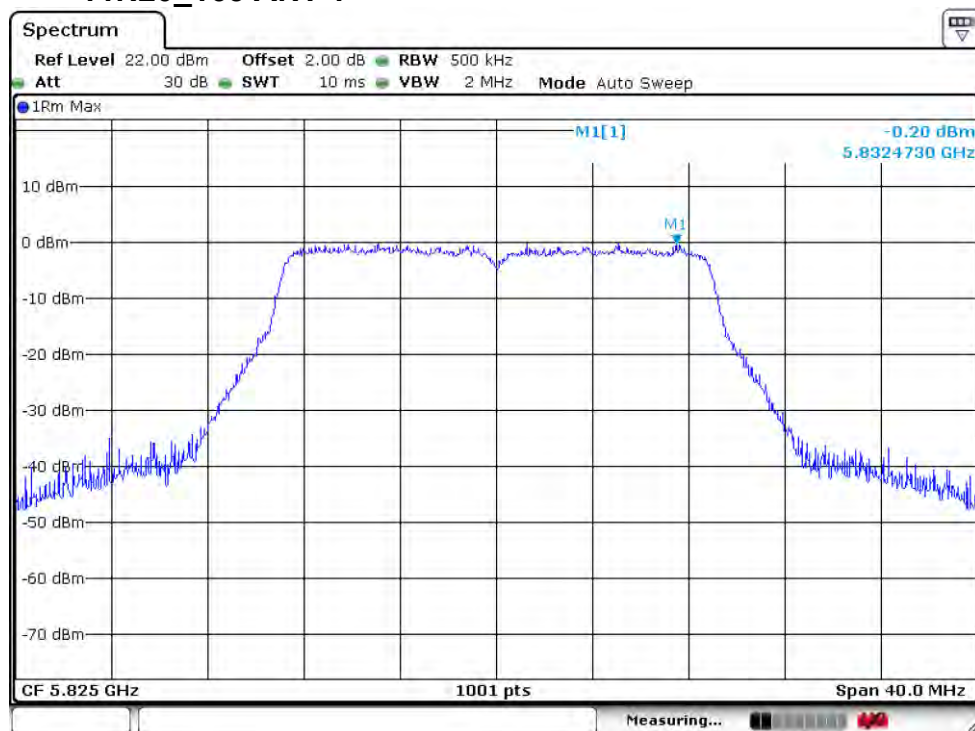
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4.7.1.24 11N20_165 ANT 1



4.7.1.25 11N40_38 ANT 1

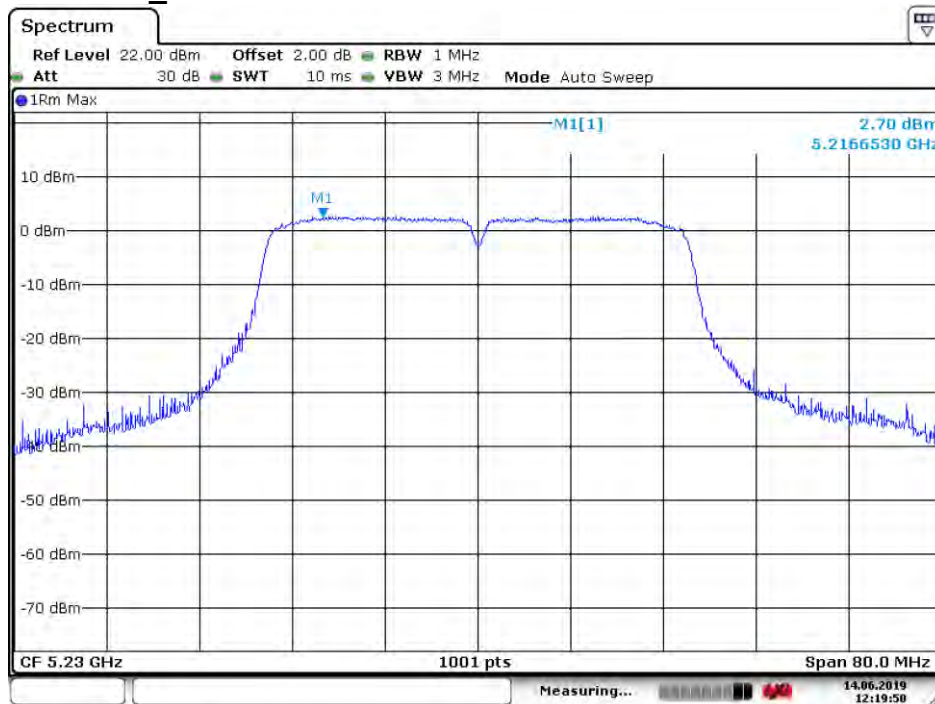


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4.7.1.26

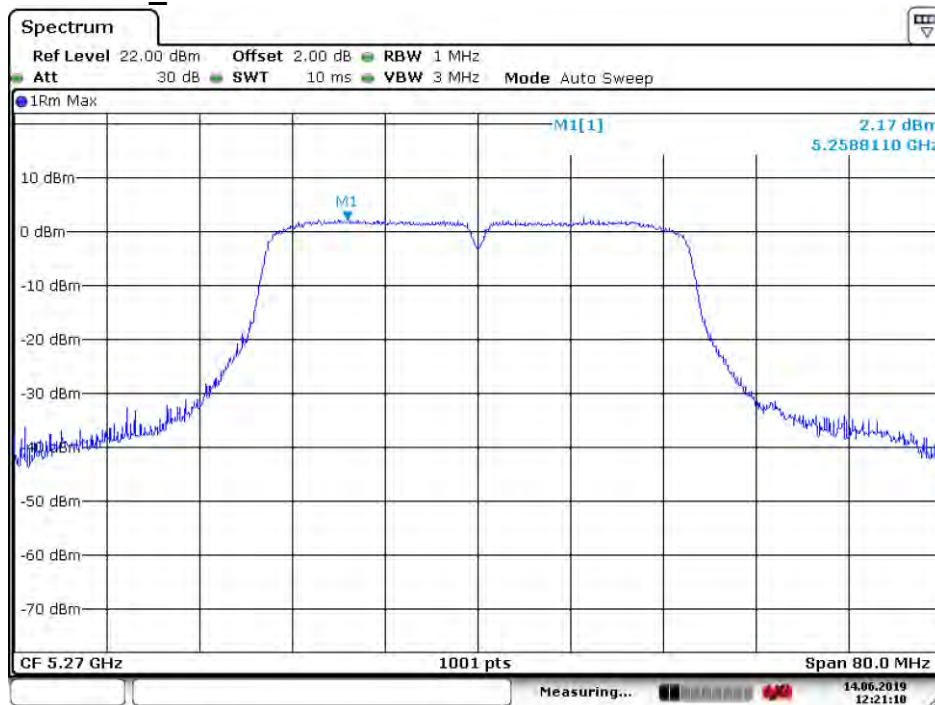
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4.7.1.27

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Date: 14 JUN.2019 12:21:11

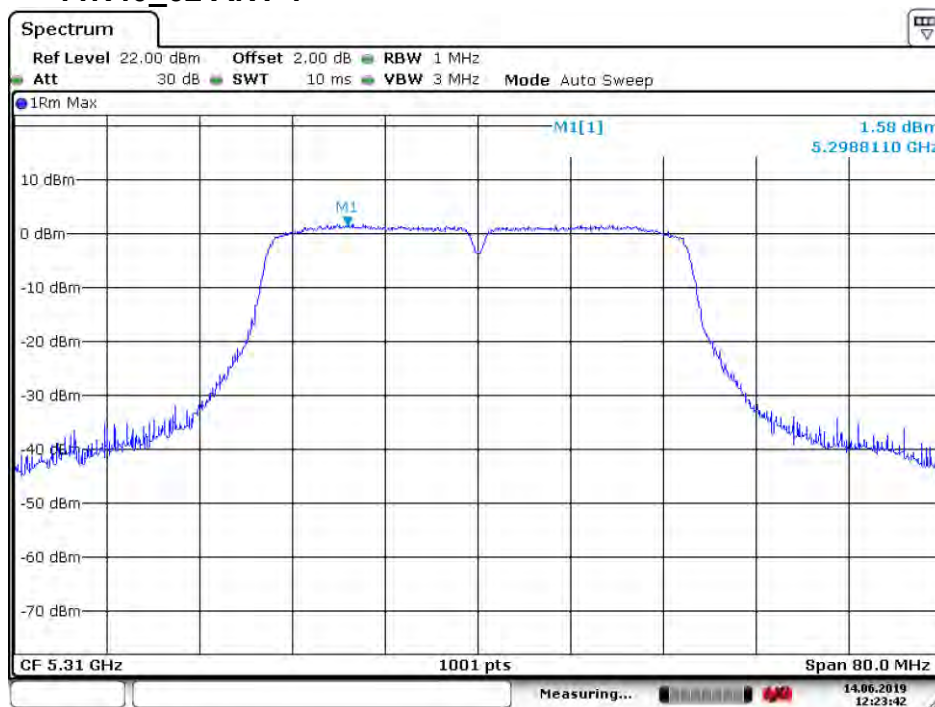


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4.7.1.28

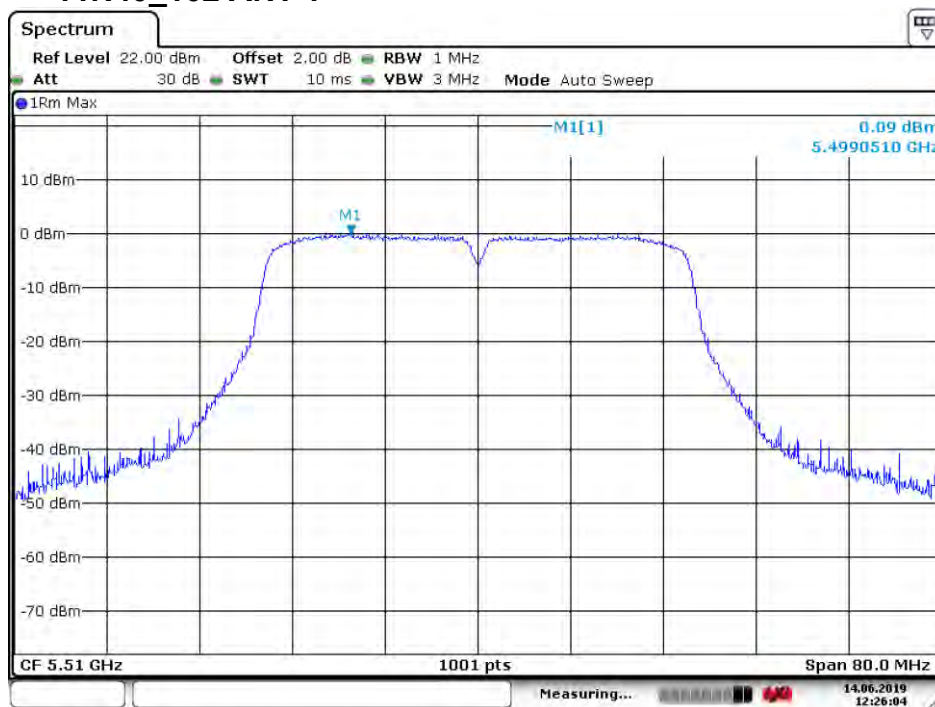
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4.7.1.29

11N40_102 ANT 1



Date: 14 JUN 2019 12:26:04

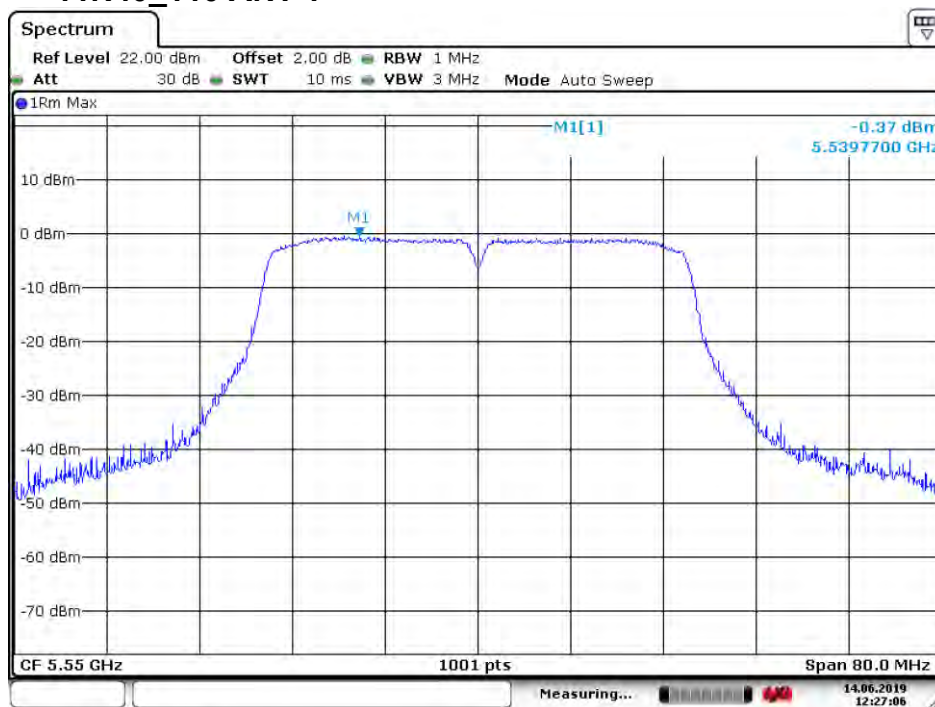


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4.7.1.30

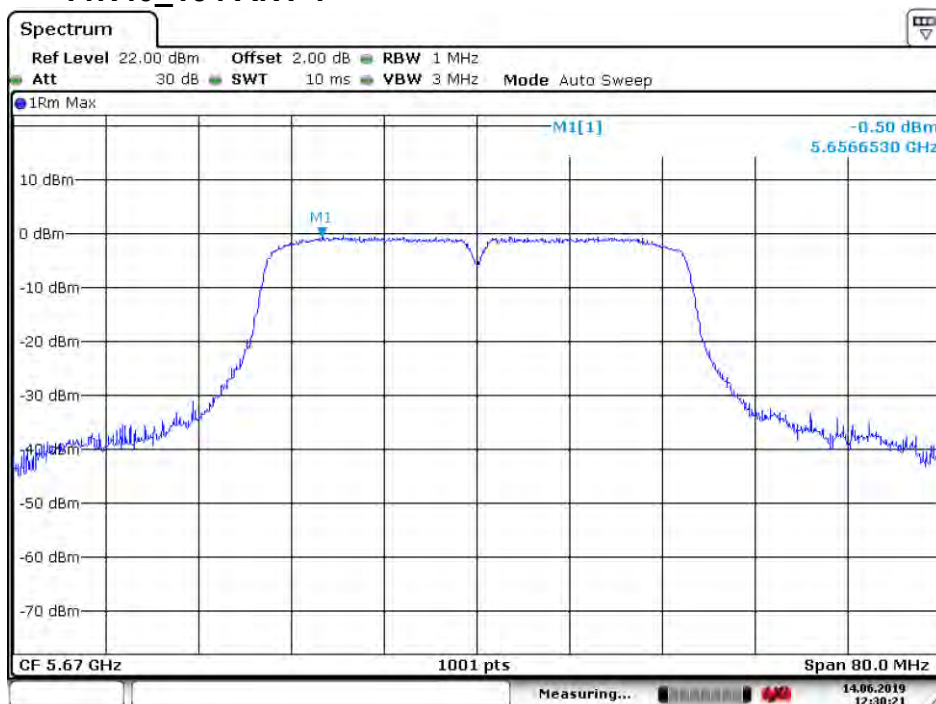
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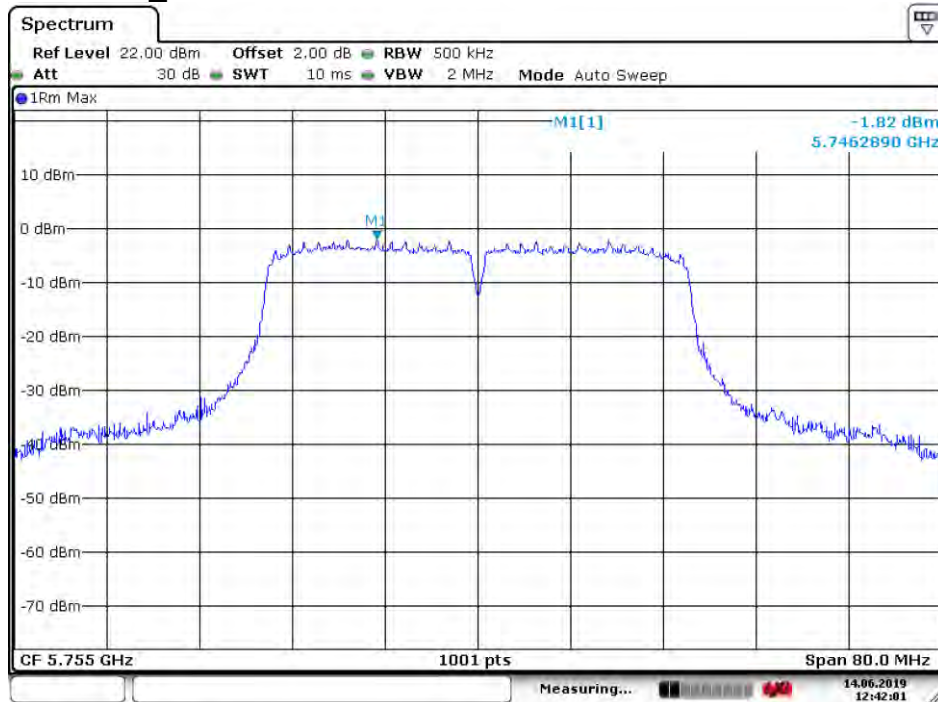
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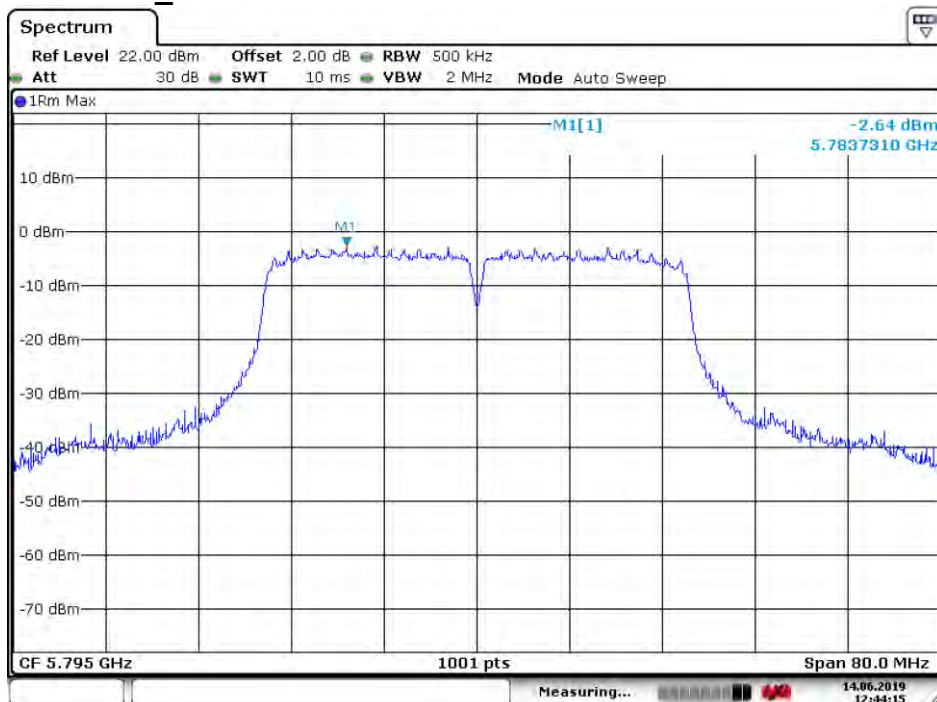


4.7.1.32 11N40_151 ANT 1



Date: 14 JUN.2019 12:42:01

4.7.1.33 11N40_159 ANT 1



Date: 14 JUN.2019 12:44:14



4.7.1.34

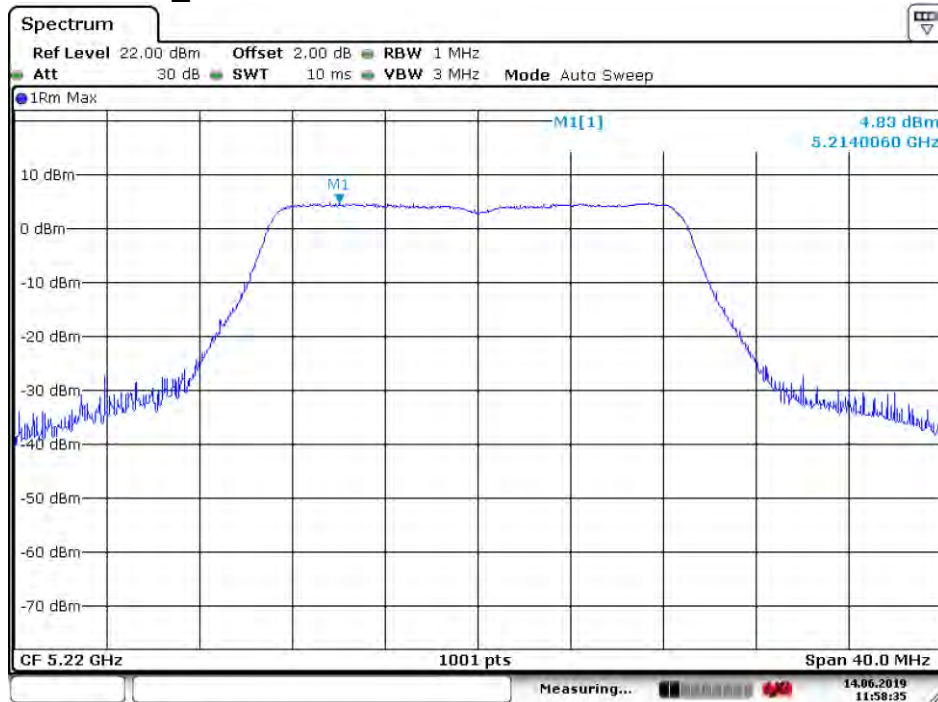
11AC20_36 ANT 1



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4.7.1.35

11AC20_44 ANT 1



Date: 14 JUN.2019 11:58:35



4.7.1.36

11AC20_48 ANT 1



Date: 14 JUN 2019, 12:01:26

4.7.1.37

11AC20_52 ANT 1



Date: 14 JUN 2019, 12:03:56



4.7.1.38

11AC20_60 ANT 1



Date: 14 JUN 2019, 12:06:15

4.7.1.39

11AC20_64 ANT 1



Date: 14 JUN 2019, 12:07:51

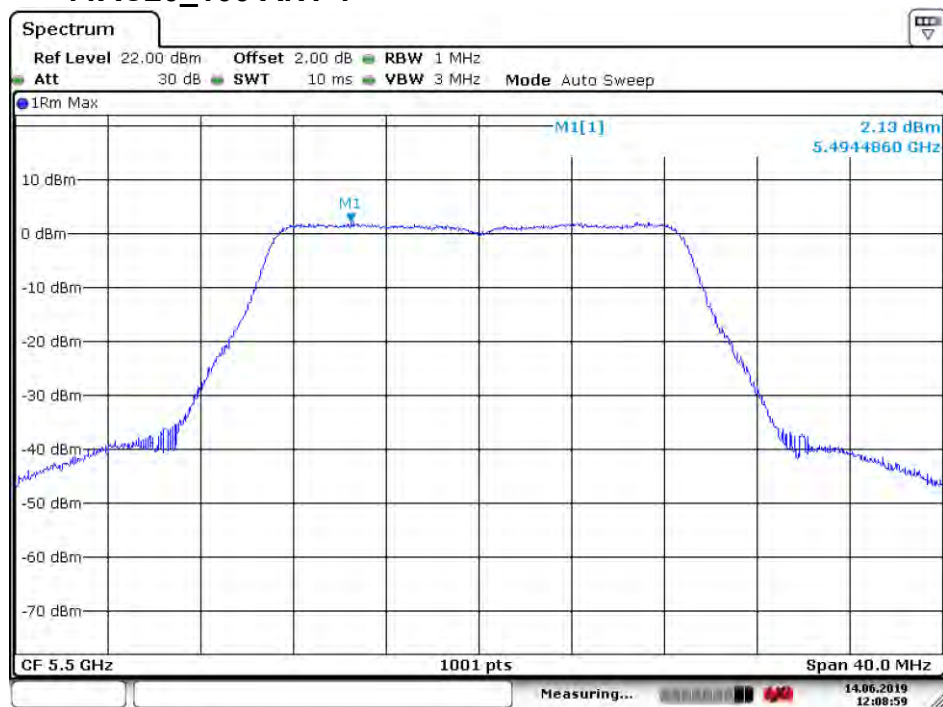


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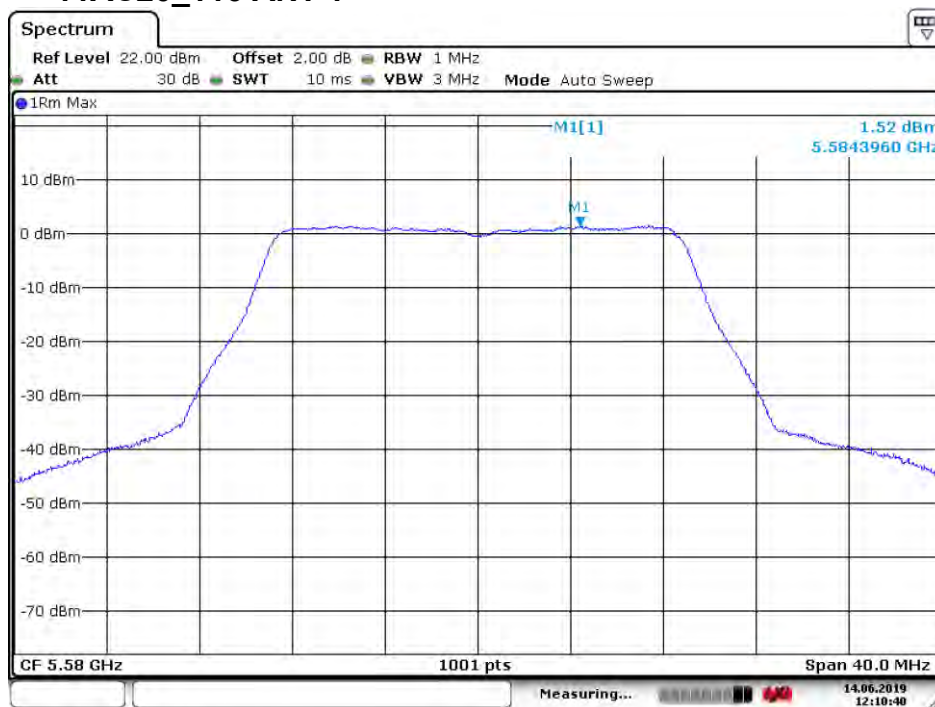
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Date: 14 JUN.2019 12:09:00

4.7.1.41

11AC20_116 ANT 1



Date: 14 JUN.2019 12:10:40

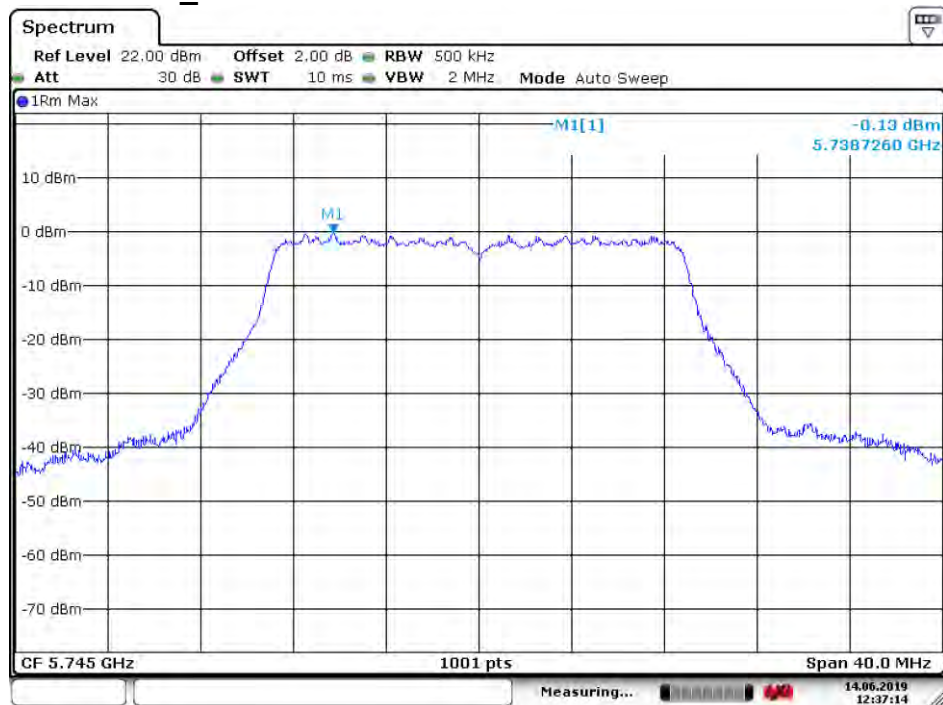


4.7.1.42 11AC20_140 ANT 1



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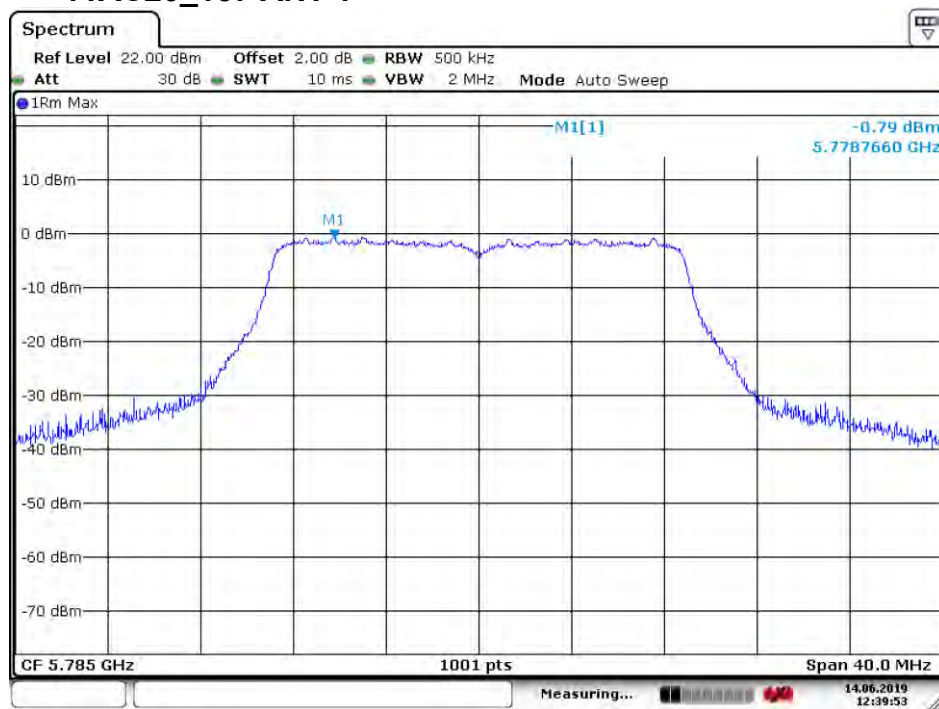
4.7.1.43 11AC20_149 ANT 1



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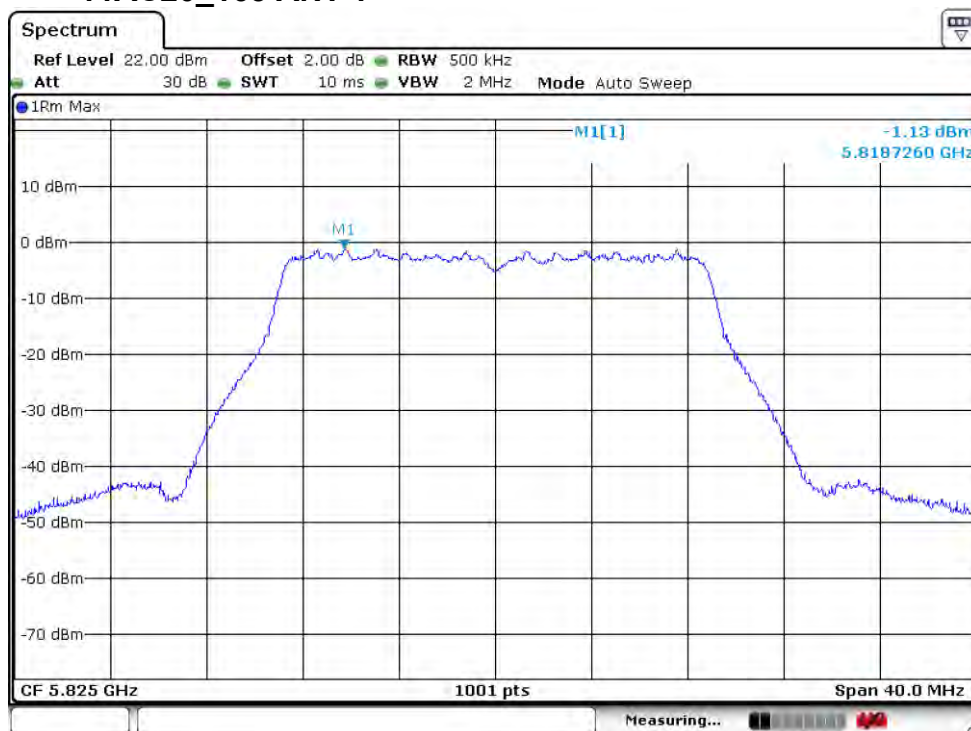


4.7.1.44 11AC20_157 ANT 1



Date: 14 JUN.2019 12:39:53

4.7.1.45 11AC20_165 ANT 1



4.7.1.46

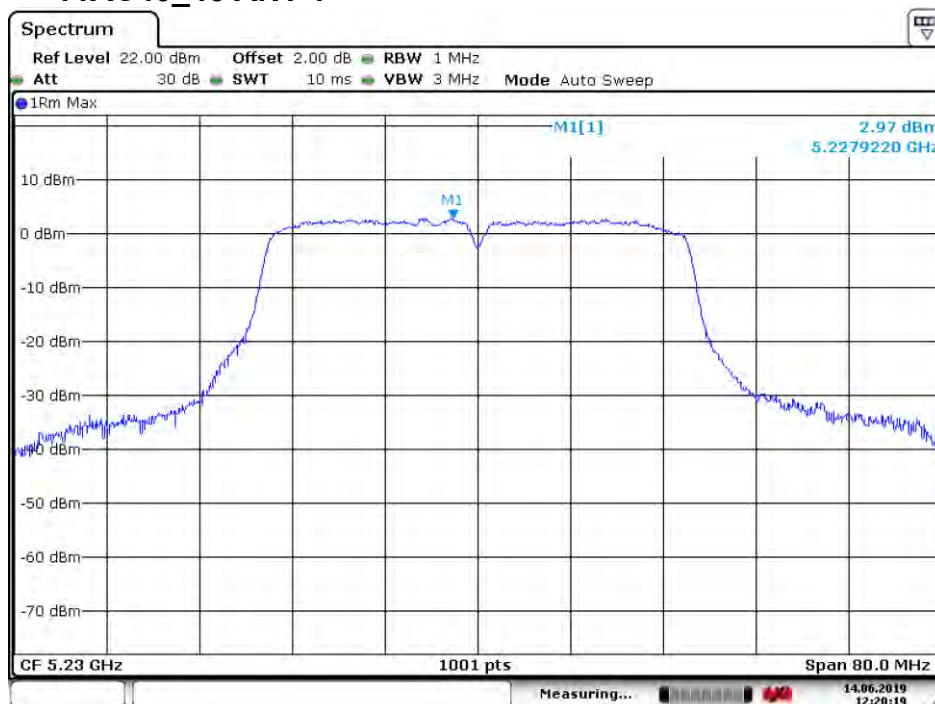
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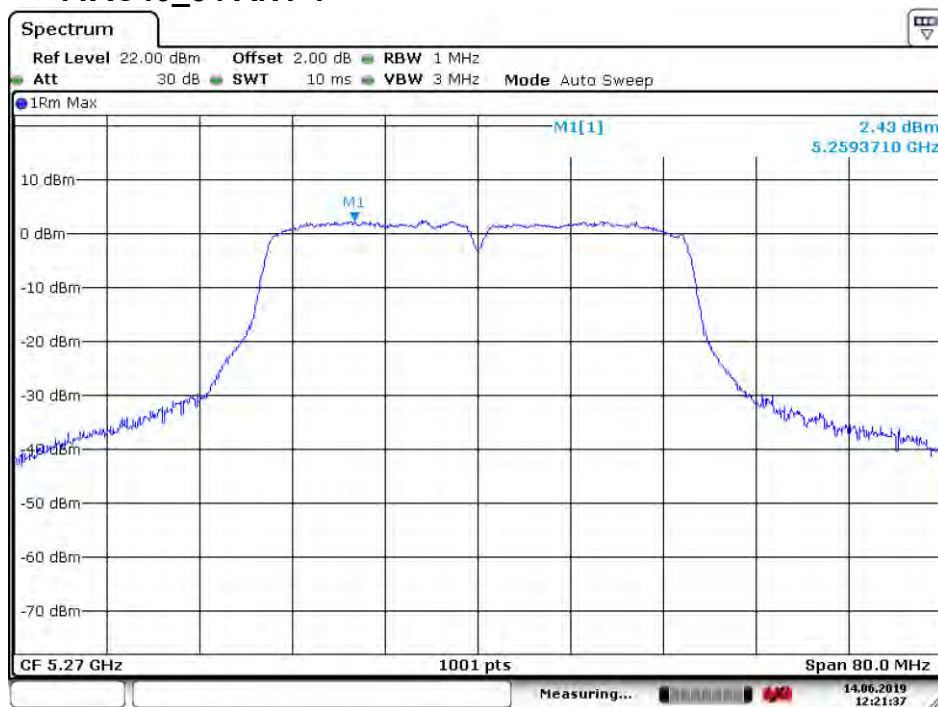
Date: 14 JUN.2019 12:20:19



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4.7.1.48 11AC40_54 ANT 1



Date: 14 JUN.2019 12:21:37

4.7.1.49 11AC40_62 ANT 1



Date: 14 JUN.2019 12:24:24

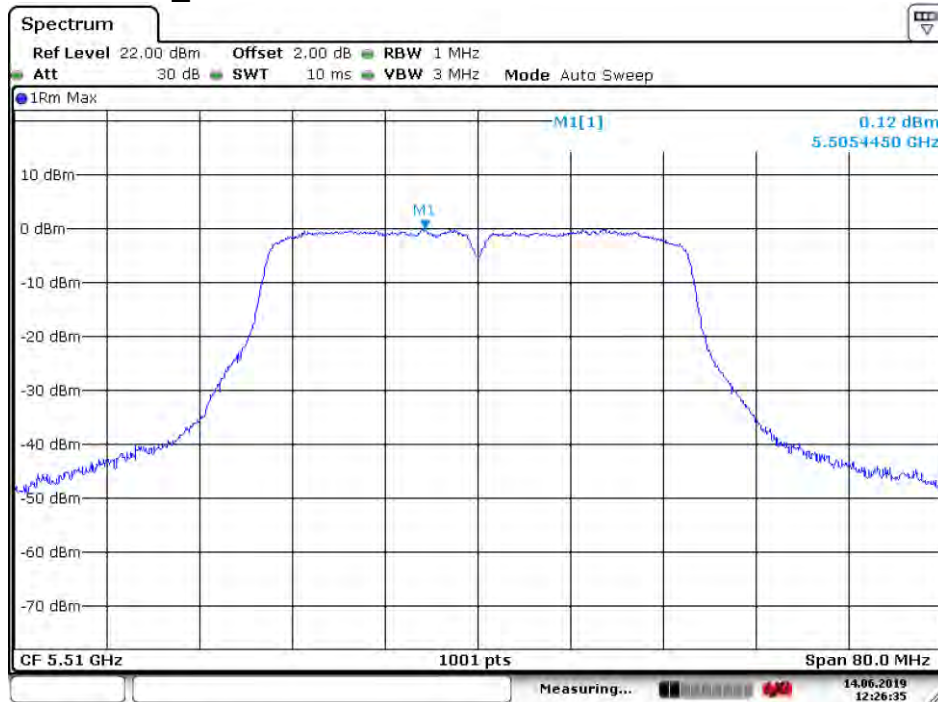


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4.7.1.50

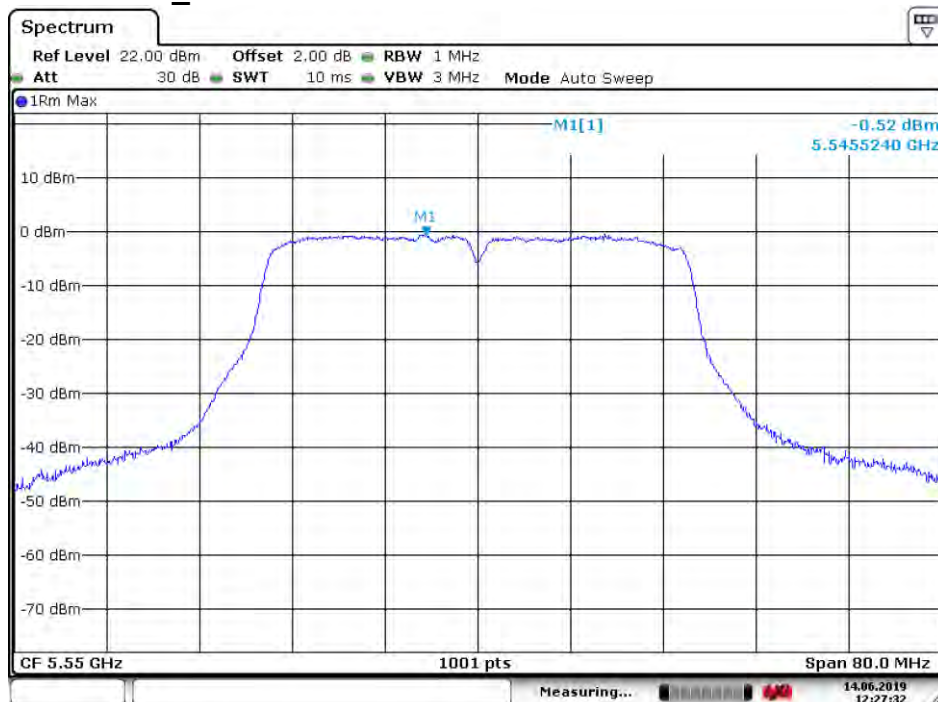
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11AC40_110 ANT 1



Date: 14 JUN.2019 12:27:32



4.7.1.52

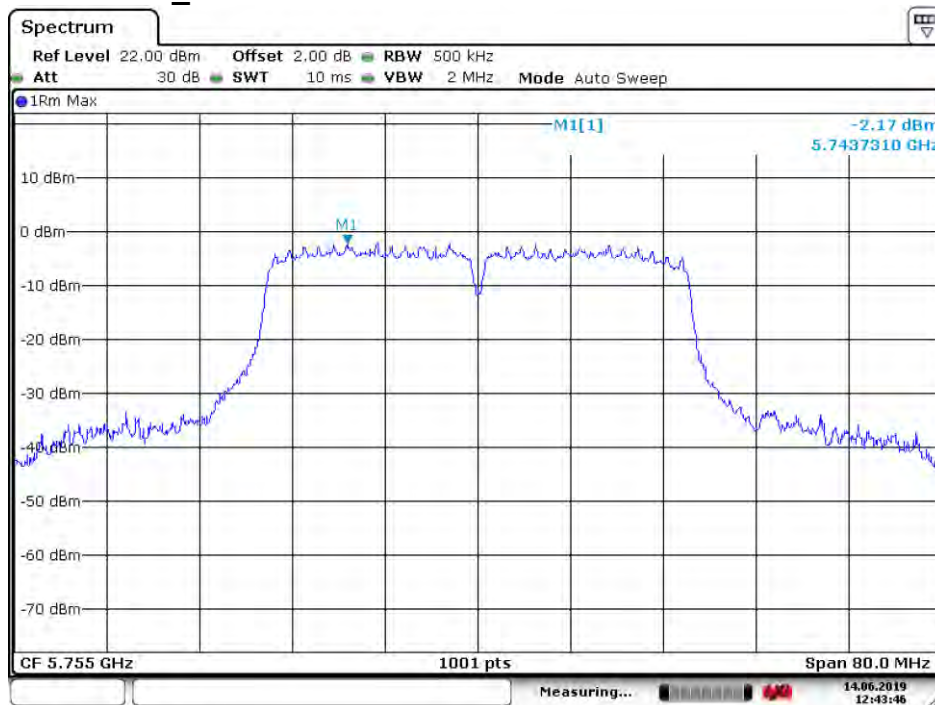
11AC40_134 ANT 1



Date: 14 JUN 2019 12:30:49

4.7.1.53

11AC40_151 ANT 1

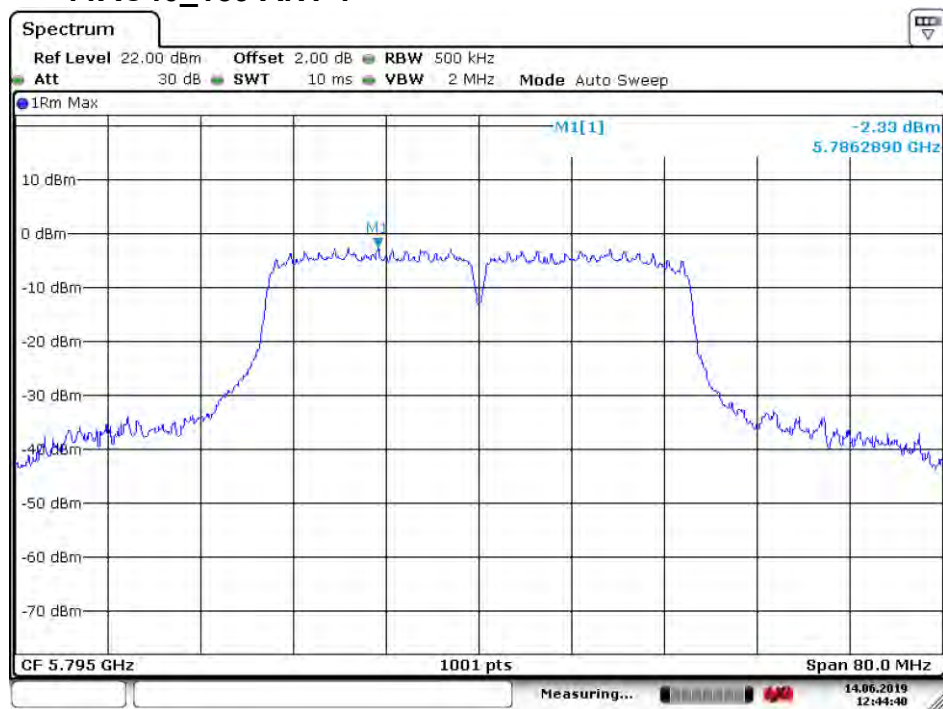


Date: 14 JUN 2019 12:43:47



4.7.1.54

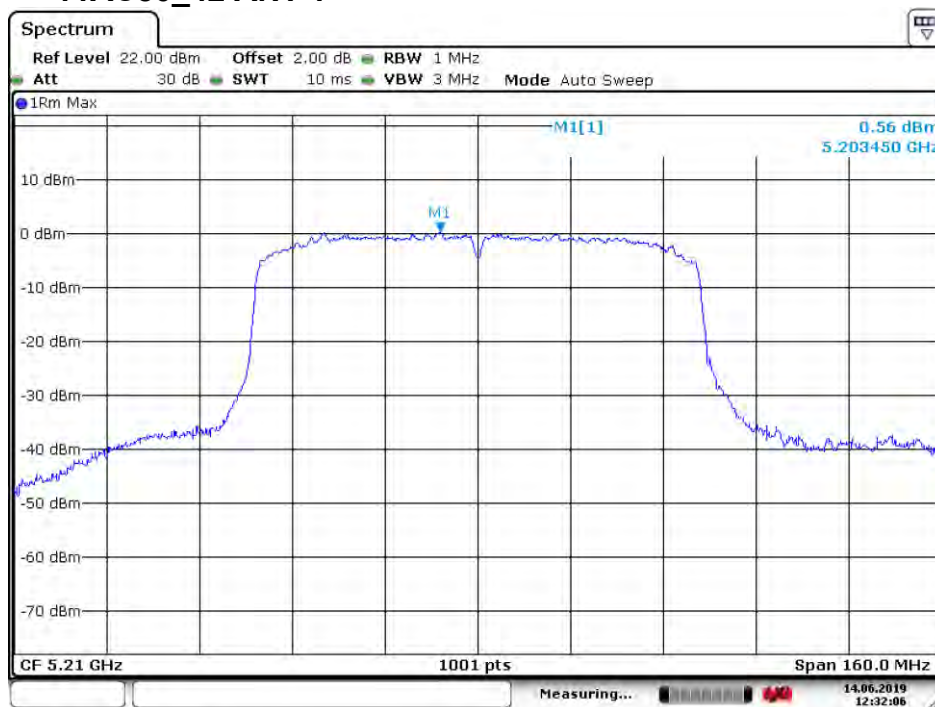
11AC40_159 ANT 1



Date: 14 JUN 2019 12:44:40

4.7.1.55

11AC80_42 ANT 1

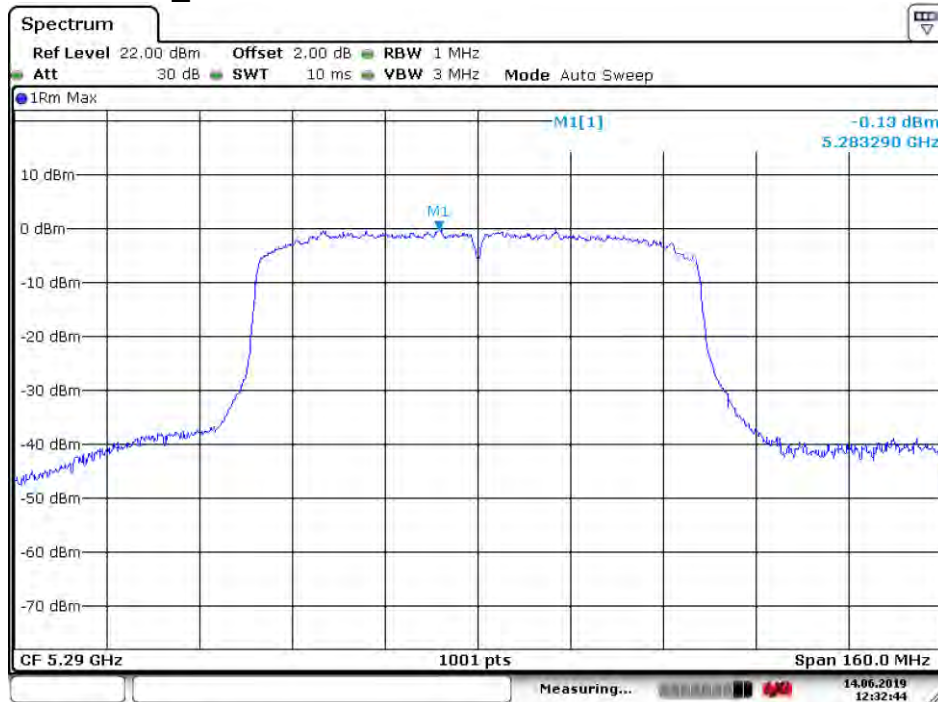


Date: 14 JUN 2019 12:32:06



4.7.1.56

11AC80_58 ANT 1



Date: 14 JUN 2019 12:32:45

4.7.1.57

11AC80_106 ANT 1



Date: 14 JUN 2019 12:33:35



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4.7.1.58

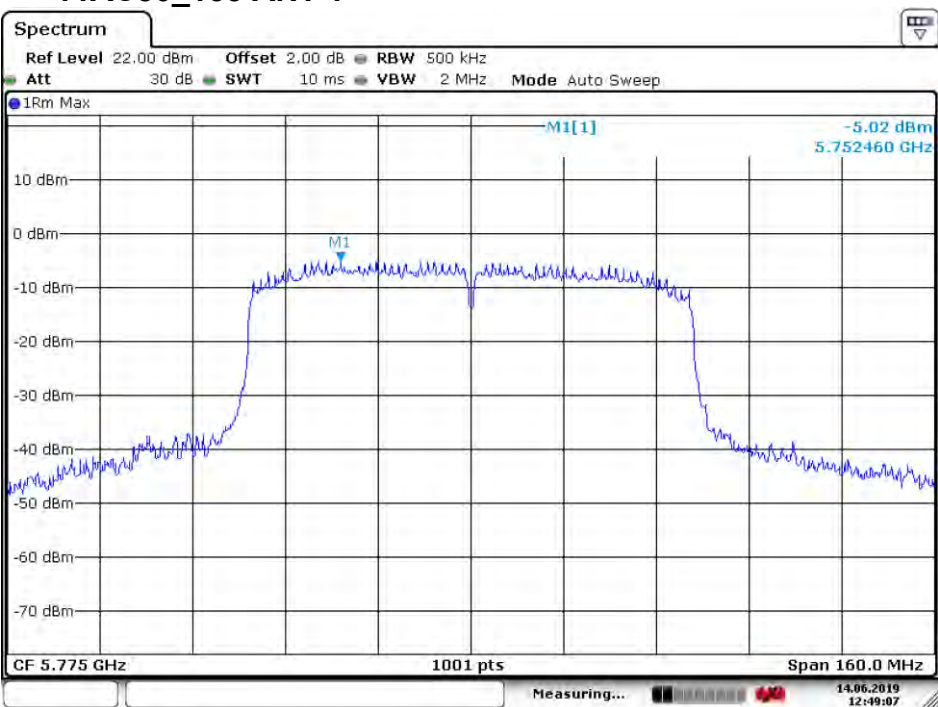
11AC80_122 ANT 1



Date: 14 JUN.2019 12:34:11

4.7.1.59

11AC80_155 ANT 1



Date: 14 JUN.2019 12:49:07



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4.8 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:	

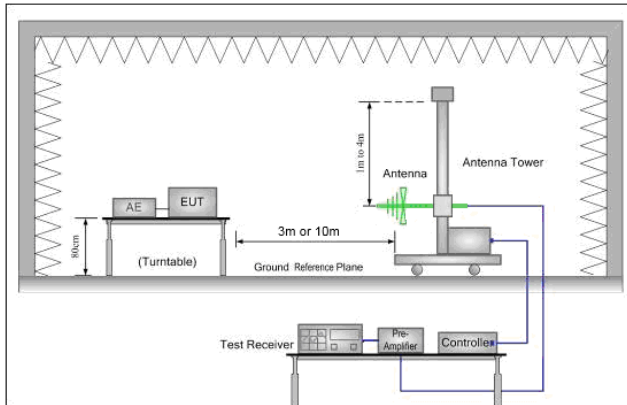


Figure 1. 30MHz to 1GHz

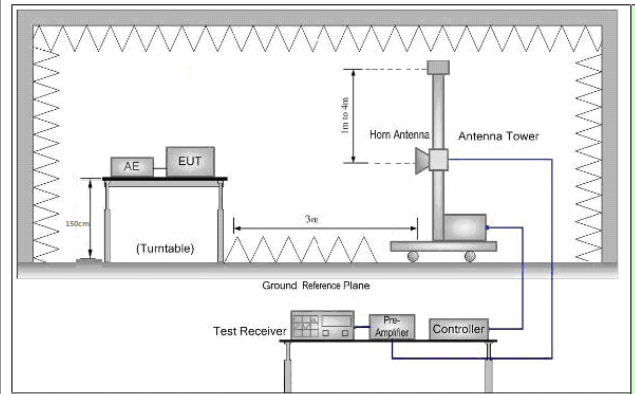


Figure 2. Above 1 GHz

Test Procedure:	<ol style="list-style-type: none"> 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. 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. 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. 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. 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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. Test the EUT in the outermost channels. 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. Repeat above procedures until all frequencies measured was complete.
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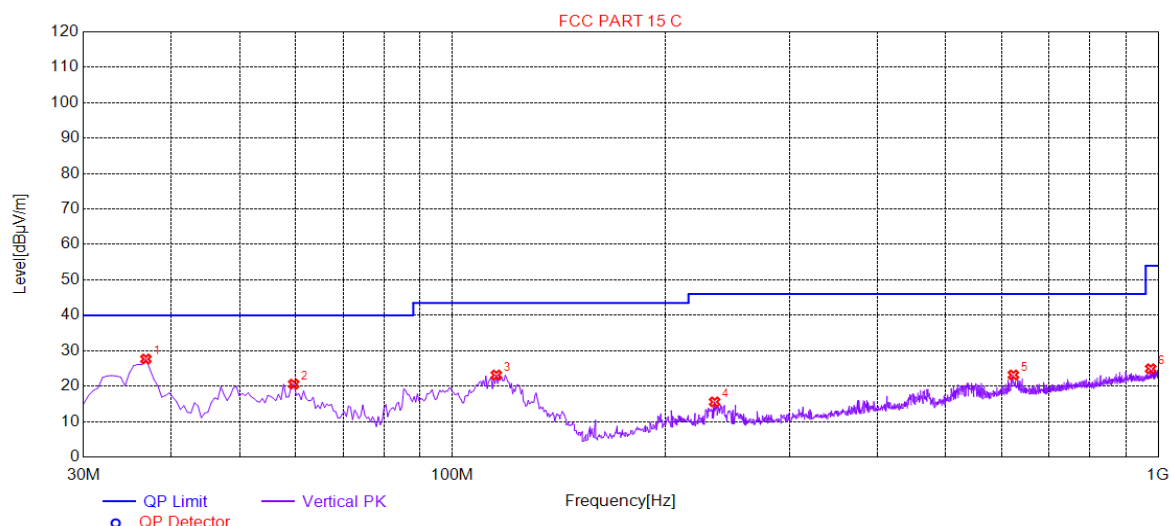
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCSAC0 of rate is the worst case of 802.11ac(HT20); MCSAC0 of rate is the worst case of 802.11ac(HT40); MCSAC0 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





4.8.1 Radiated emission below 1GHz

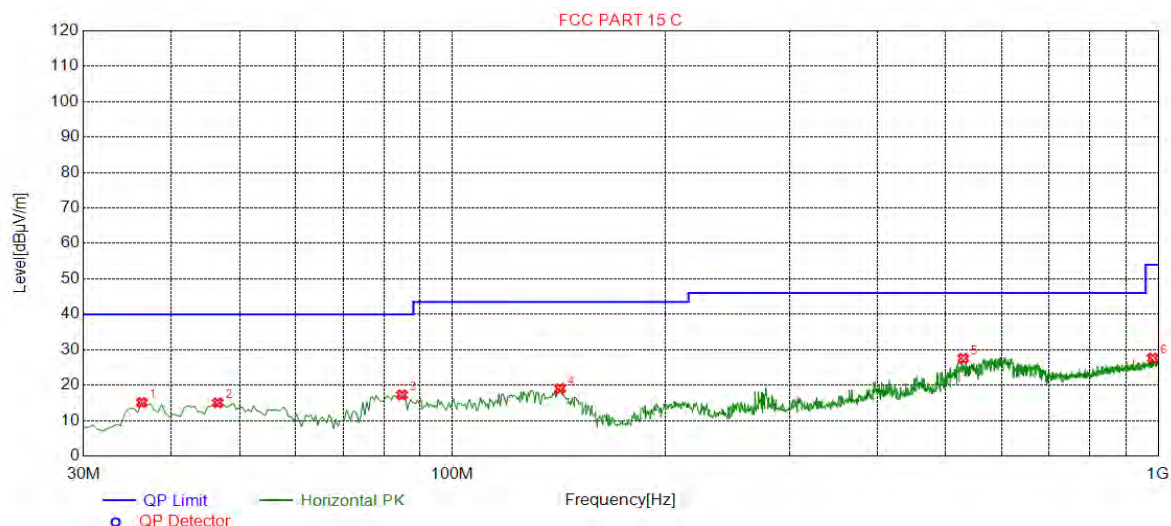
30MHz~1GHz (QP)		
Test mode:	Transmitting	Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.7934	27.66	-32.19	40.00	12.34	100	25	Vertical
2	59.5998	20.57	-31.58	40.00	19.43	100	172	Vertical
3	115.4027	23.14	-32.54	43.50	20.36	100	18	Vertical
4	235.2576	15.55	-29.77	46.00	30.45	100	262	Vertical
5	623.4517	23.17	-19.75	46.00	22.83	100	284	Vertical
6	975.7379	24.91	-14.16	54.00	29.09	200	304	Vertical



Test mode:	Transmitting	Horizontal
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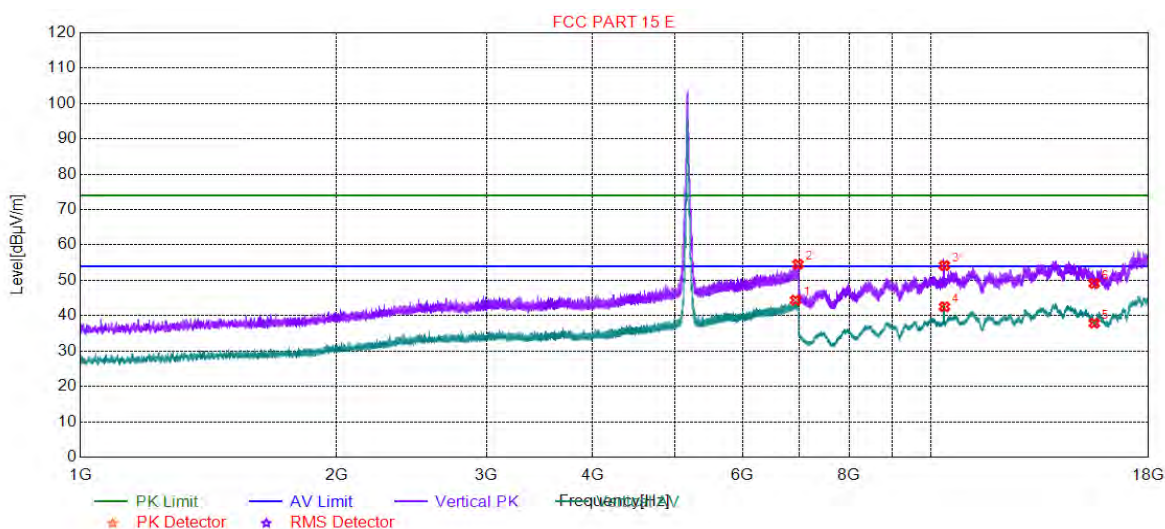


NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	15.09	-32.54	40.00	24.91	100	90	Horizontal
2	46.4982	15.02	-30.41	40.00	24.98	100	50	Horizontal
3	84.8324	17.24	-34.98	40.00	22.76	200	32	Horizontal
4	142.0910	19.05	-35.44	43.50	24.45	100	229	Horizontal
5	529.3147	27.55	-22.57	46.00	18.45	200	7	Horizontal
6	982.0460	27.64	-15.04	54.00	26.36	100	130	Horizontal



4.8.2 Transmitter emission above 1GHz

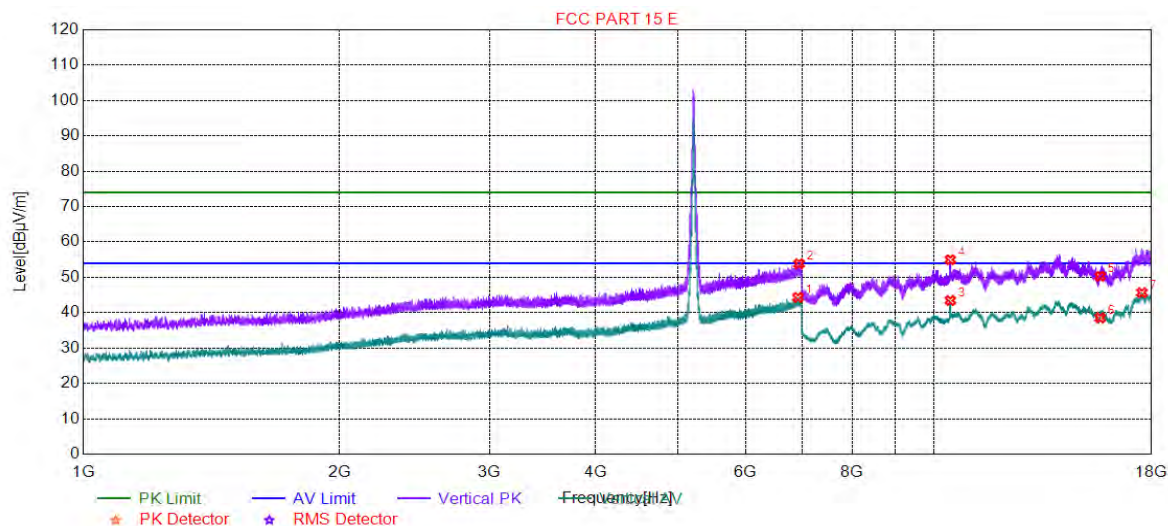
4.8.2.1 11A20_36 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6926.4963	44.40	12.50	54.00	9.60	150	142	Vertical
2	6971.7986	54.52	12.67	74.00	19.48	150	228	Vertical
3	10360.000	54.19	-5.35	74.00	19.81	150	256	Vertical
4	10360.000	42.54	-5.35	54.00	11.46	150	170	Vertical
5	15540.000	37.89	-3.26	54.00	16.11	150	227	Vertical
6	15540.000	49.09	-3.26	74.00	24.91	150	27	Vertical



4.8.2.2 11A20_44 ANT 1_Vertical



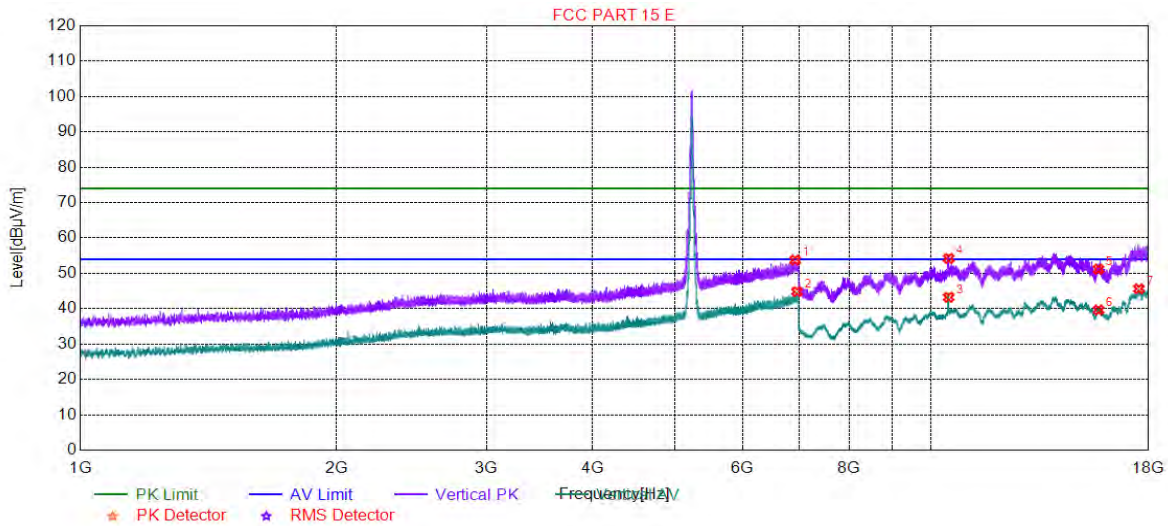
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6914.1957	44.33	12.45	54.00	9.67	150	342	Vertical
2	6934.2967	53.85	12.53	74.00	20.15	150	199	Vertical
3	10440.0000	43.45	-4.92	54.00	10.55	150	256	Vertical
4	10440.0000	54.99	-4.92	74.00	19.01	150	256	Vertical
5	15660.0000	50.31	-3.54	74.00	23.69	150	2	Vertical
6	15660.0000	38.53	-3.54	54.00	15.47	150	342	Vertical
7	17533.0267	45.65	0.77	54.00	8.35	150	228	Vertical



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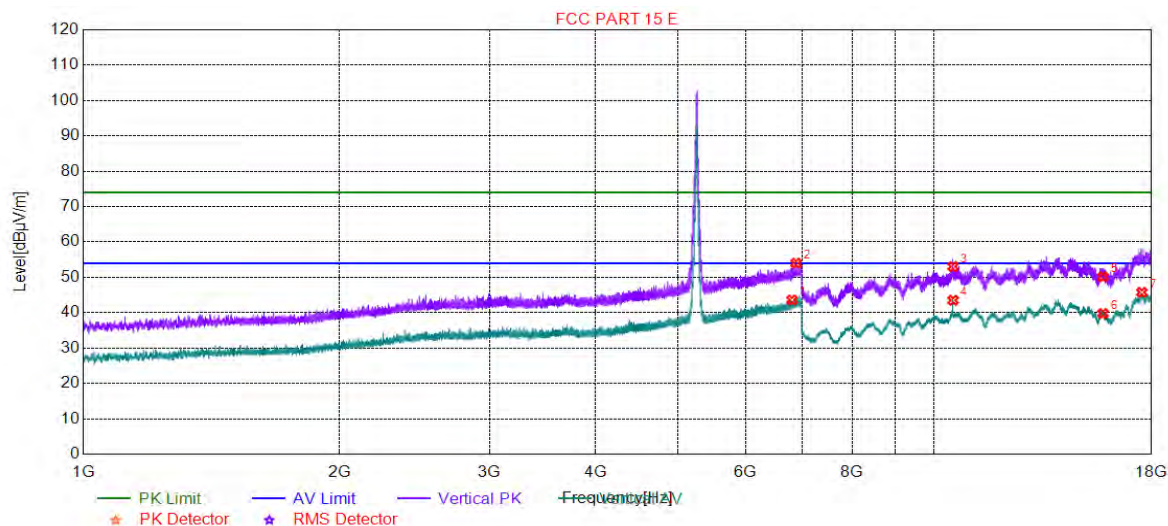
4.8.2.3 11A20_48 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6917.4959	53.75	12.46	74.00	20.25	150	28	Vertical
2	6950.1975	44.84	12.59	54.00	9.16	150	342	Vertical
3	10480.000	43.23	-4.49	54.00	10.77	150	256	Vertical
4	10480.000	54.23	-4.49	74.00	19.77	150	256	Vertical
5	15720.000	51.18	-2.65	74.00	22.82	150	0	Vertical
6	15720.000	39.65	-2.65	54.00	14.35	150	48	Vertical
7	17531.376	45.63	0.75	54.00	8.37	150	0	Vertical



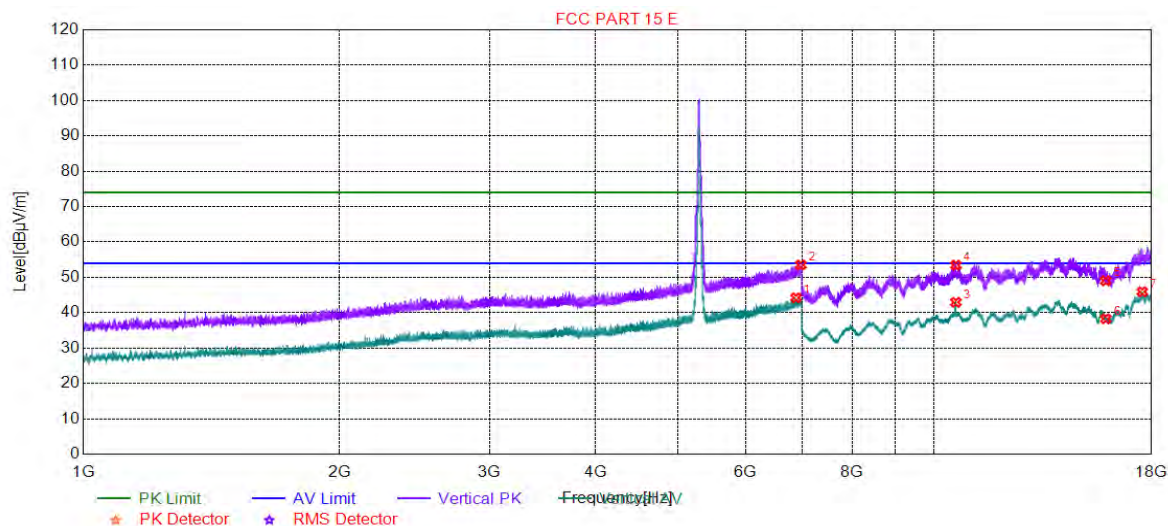
4.8.2.4 11A20_52 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6803.7902	43.60	12.03	54.00	10.40	150	56	Vertical
2	6879.0940	54.02	12.32	74.00	19.98	150	85	Vertical
3	10520.0000	53.05	-4.37	74.00	20.95	150	256	Vertical
4	10520.0000	43.52	-4.37	54.00	10.48	150	256	Vertical
5	15780.0000	50.16	-2.36	74.00	23.84	150	313	Vertical
6	15780.0000	39.78	-2.36	54.00	14.22	150	29	Vertical
7	17530.8265	45.76	0.74	54.00	8.24	150	115	Vertical



4.8.2.5 11A20_60 ANT 1_Vertical



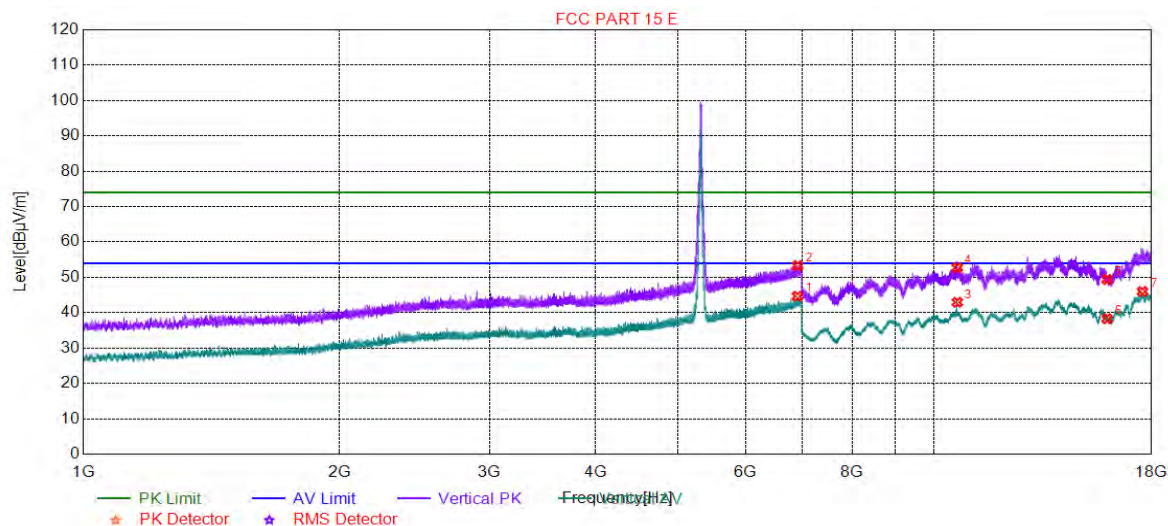
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6878.1939	44.24	12.32	54.00	9.76	150	171	Vertical
2	6968.1984	53.51	12.65	74.00	20.49	150	256	Vertical
3	10600.0000	42.95	-4.75	54.00	11.05	150	255	Vertical
4	10600.0000	53.44	-4.75	74.00	20.56	150	255	Vertical
5	15900.0000	49.02	-3.75	74.00	24.98	150	312	Vertical
6	15900.0000	38.28	-3.75	54.00	15.72	150	167	Vertical
7	17550.6275	45.94	1.00	54.00	8.06	150	137	Vertical



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4.8.2.6 11A20_64 ANT 1_Vertical



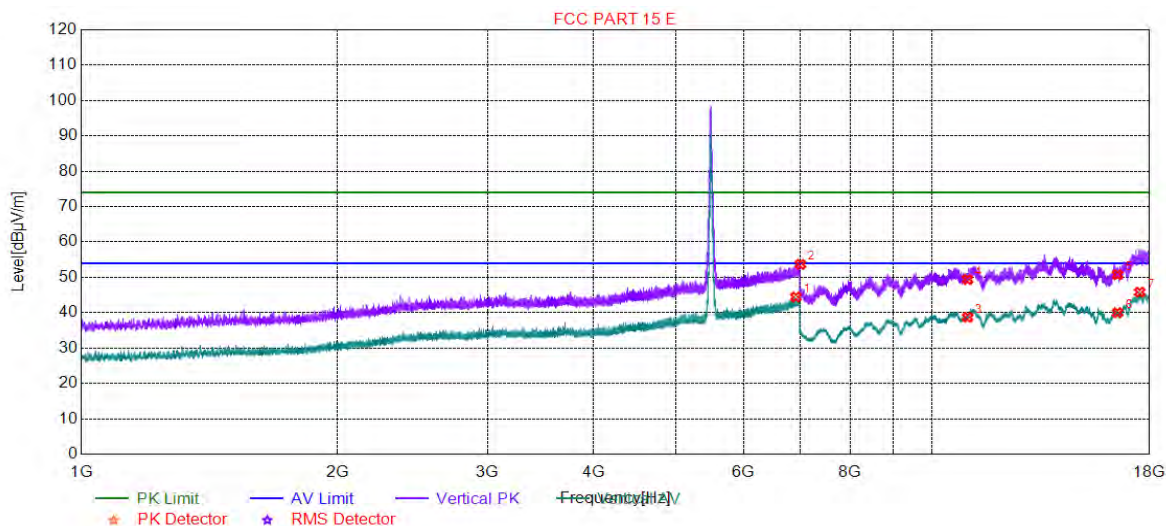
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6904.5952	44.65	12.42	54.00	9.35	150	284	Vertical
2	6906.3953	53.31	12.42	74.00	20.69	150	170	Vertical
3	10640.0000	42.95	-4.69	54.00	11.05	150	255	Vertical
4	10640.0000	52.75	-4.69	74.00	21.25	150	227	Vertical
5	15960.0000	49.40	-3.70	74.00	24.60	150	342	Vertical
6	15960.0000	38.31	-3.70	54.00	15.69	150	255	Vertical
7	17559.4280	45.99	1.11	54.00	8.01	150	170	Vertical



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4.8.2.7 11A20_100 ANT 1_Vertical



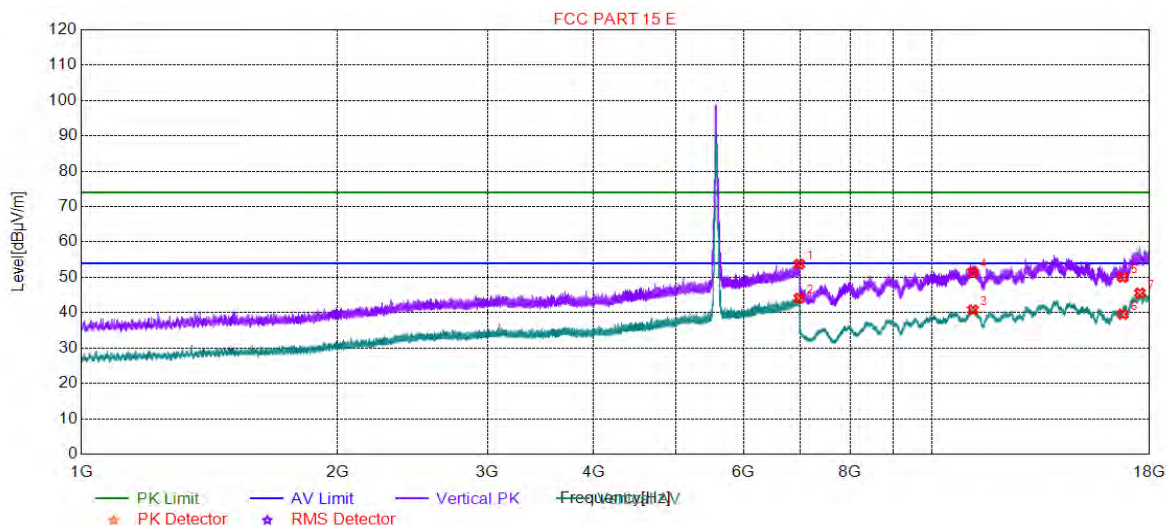
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1	6910.5955	44.44	12.44	54.00	9.56	150	170	Vertical
2	6996.9999	53.68	12.76	74.00	20.32	150	342	Vertical
3	11000.0000	38.71	-4.28	54.00	15.29	150	227	Vertical
4	11000.0000	49.40	-4.28	74.00	24.60	150	256	Vertical
5	16500.0000	50.74	-3.62	74.00	23.26	150	284	Vertical
6	16500.0000	40.01	-3.62	54.00	13.99	150	198	Vertical
7	17526.9763	45.82	0.70	54.00	8.18	150	227	Vertical



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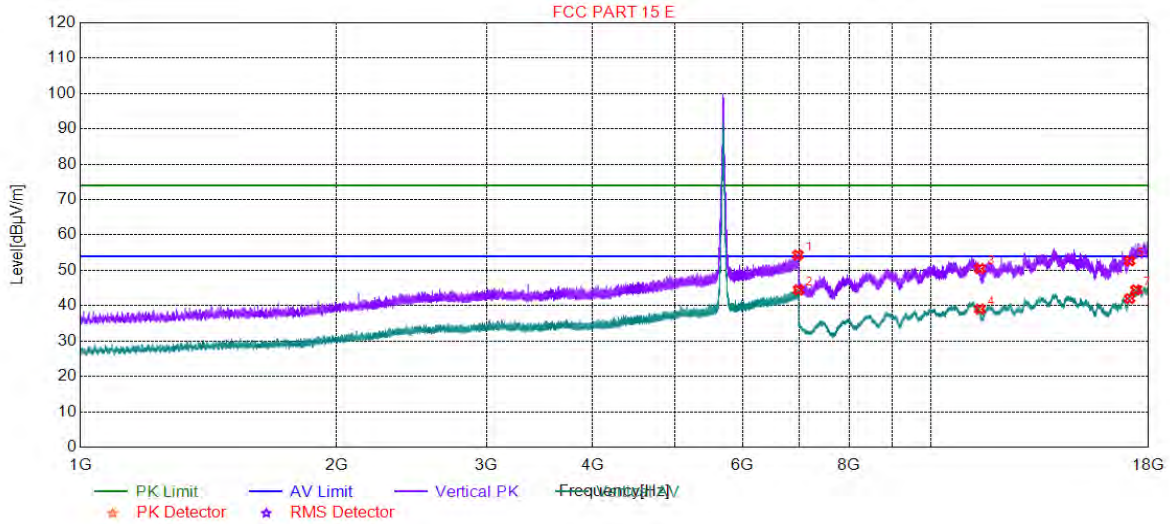
4.8.2.8 11A20_116 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6975.9988	53.72	12.68	74.00	20.28	150	199	Vertical
2	6976.5988	44.07	12.68	54.00	9.93	150	342	Vertical
3	11160.0000	40.79	-3.43	54.00	13.21	150	80	Vertical
4	11160.0000	51.50	-3.43	74.00	22.50	150	108	Vertical
5	16740.0000	50.00	-3.33	74.00	24.00	150	313	Vertical
6	16740.0000	39.60	-3.33	54.00	14.40	150	342	Vertical
7	17532.4766	45.58	0.77	54.00	8.42	150	196	Vertical



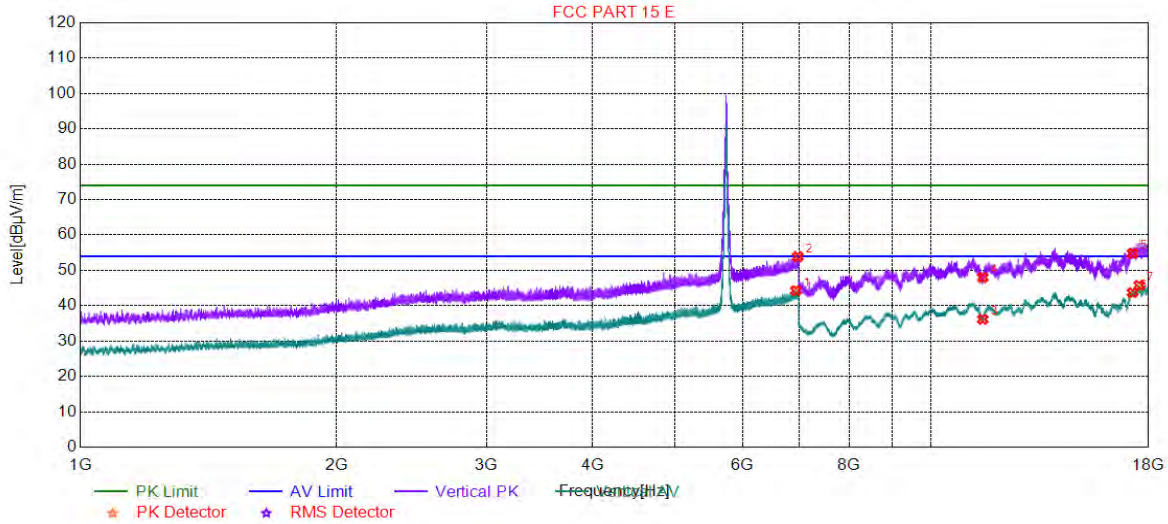
4.8.2.9 11A20_140 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6968.7984	54.33	12.65	74.00	19.67	150	142	Vertical
2	6979.8990	44.49	12.70	54.00	9.51	150	256	Vertical
3	11400.0000	50.50	-4.42	74.00	23.50	150	313	Vertical
4	11400.0000	39.04	-4.42	54.00	14.96	150	26	Vertical
5	17100.0000	52.65	-3.09	74.00	21.35	150	342	Vertical
6	17100.0000	42.01	-3.09	54.00	11.99	150	200	Vertical
7	17391.1196	44.48	-1.01	54.00	9.52	150	285	Vertical



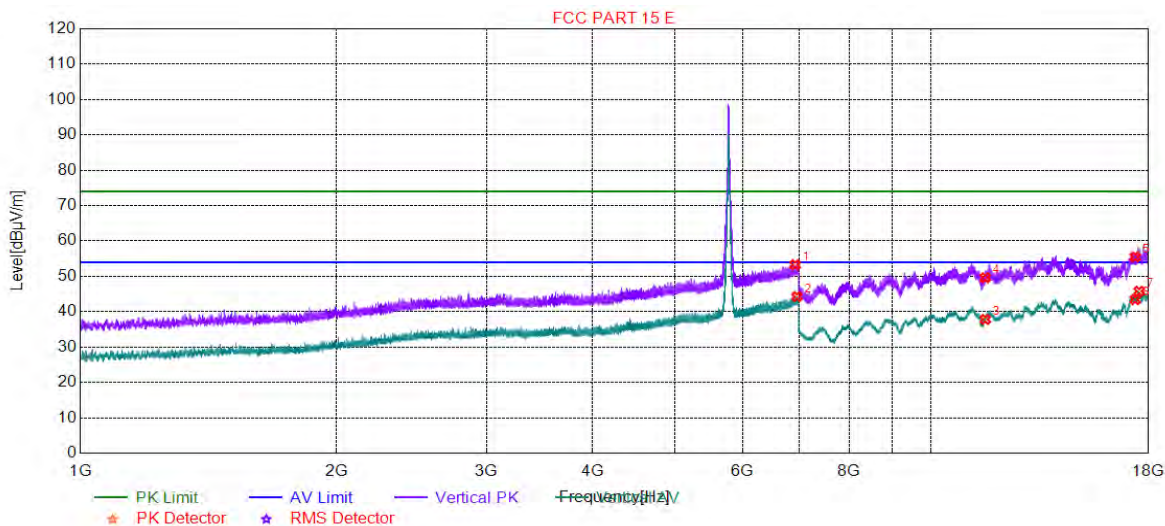
4.8.2.10 11A20_149 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6931.5966	44.30	12.52	54.00	9.70	150	28	Vertical
2	6967.2984	53.87	12.65	74.00	20.13	150	28	Vertical
3	11490.0000	36.16	-5.65	54.00	17.84	150	56	Vertical
4	11490.0000	47.95	-5.65	74.00	26.05	150	314	Vertical
5	17235.0000	54.80	-1.47	74.00	19.20	150	56	Vertical
6	17235.0000	43.70	-1.47	54.00	10.30	150	256	Vertical
7	17548.9774	45.76	0.98	54.00	8.24	150	113	Vertical



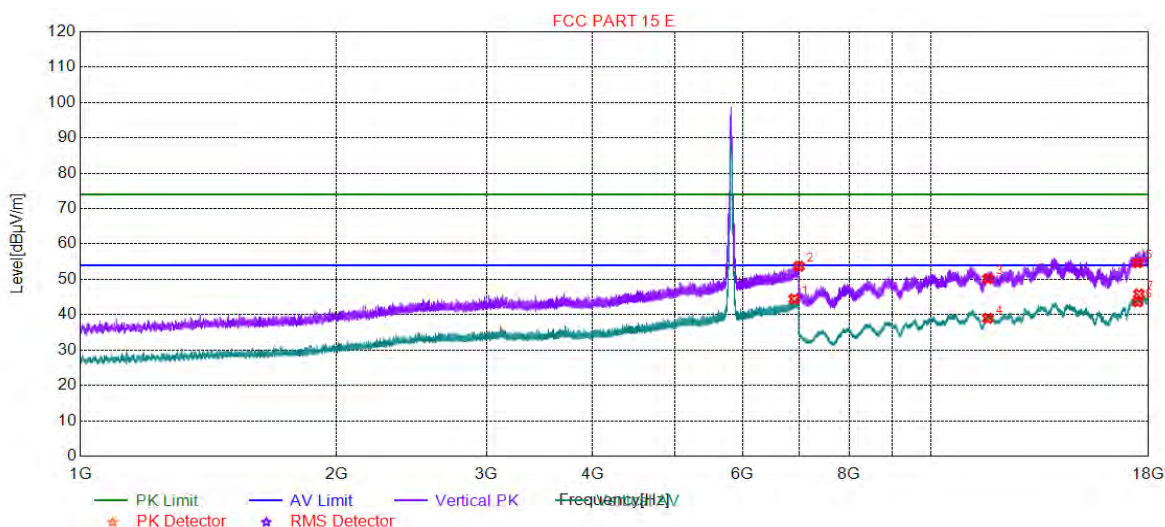
4.8.2.11 11A20_157 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6917.4959	53.29	12.46	74.00	20.71	150	285	Vertical
2	6950.4975	44.29	12.59	54.00	9.71	150	57	Vertical
3	11570.0000	37.83	-3.87	54.00	16.17	150	171	Vertical
4	11570.0000	49.60	-3.87	74.00	24.40	150	199	Vertical
5	17355.0000	55.49	-1.07	74.00	18.51	150	256	Vertical
6	17355.0000	43.43	-1.07	54.00	10.57	150	85	Vertical
7	17545.6773	45.79	0.93	54.00	8.21	150	142	Vertical



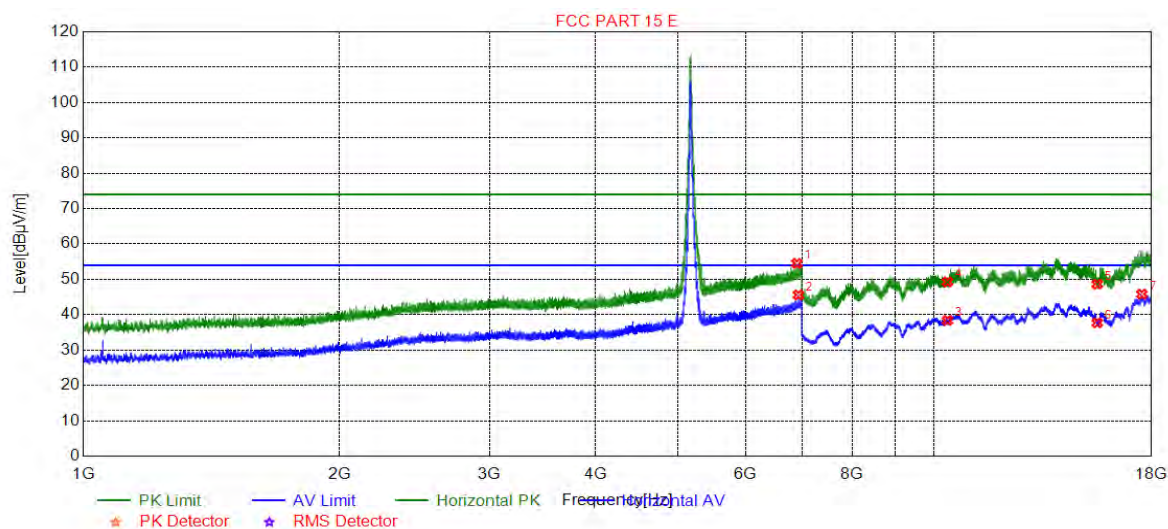
4.8.2.12 11A20_165 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6899.7950	44.45	12.40	54.00	9.55	150	199	Vertical
2	6989.7995	53.74	12.73	74.00	20.26	150	171	Vertical
3	11650.0000	50.15	-3.16	74.00	23.85	150	57	Vertical
4	11650.0000	38.99	-3.16	54.00	15.01	150	228	Vertical
5	17475.0000	54.65	0.02	74.00	19.35	150	85	Vertical
6	17475.0000	43.59	0.02	54.00	10.41	150	284	Vertical
7	17533.0267	45.88	0.77	54.00	8.12	150	199	Vertical



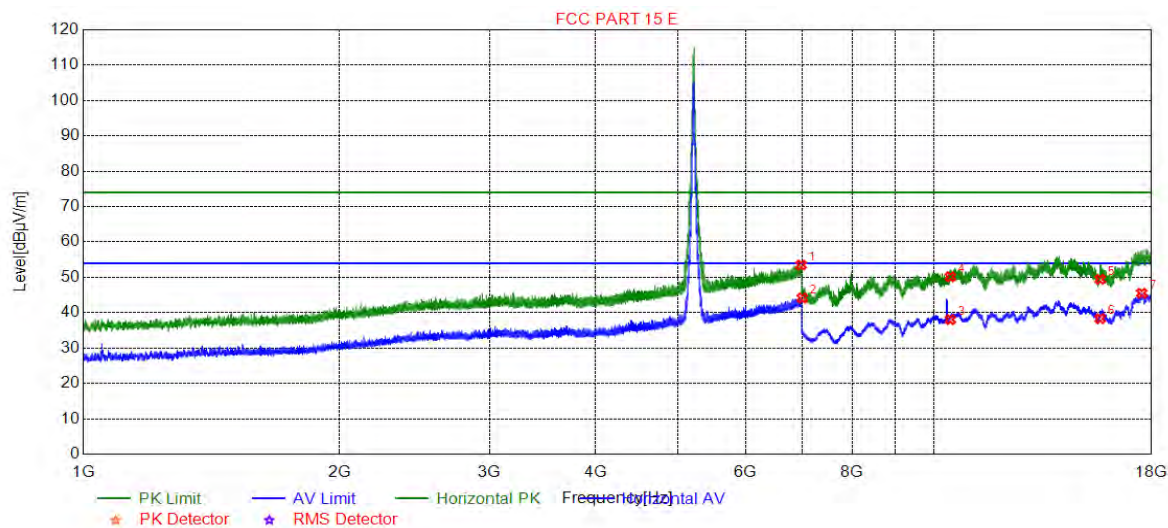
4.8.2.13 11A20_36 ANT 1_Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6893.4947	54.52	12.38	74.00	19.48	150	103	Horizontal
2	6922.8961	45.59	12.48	54.00	8.41	150	246	Horizontal
3	10360.0000	38.40	-5.35	54.00	15.60	150	160	Horizontal
4	10360.0000	49.29	-5.35	74.00	24.71	150	217	Horizontal
5	15540.0000	48.63	-3.26	74.00	25.37	150	245	Horizontal
6	15540.0000	37.71	-3.26	54.00	16.29	150	18	Horizontal
7	17531.9266	45.81	0.76	54.00	8.19	150	47	Horizontal



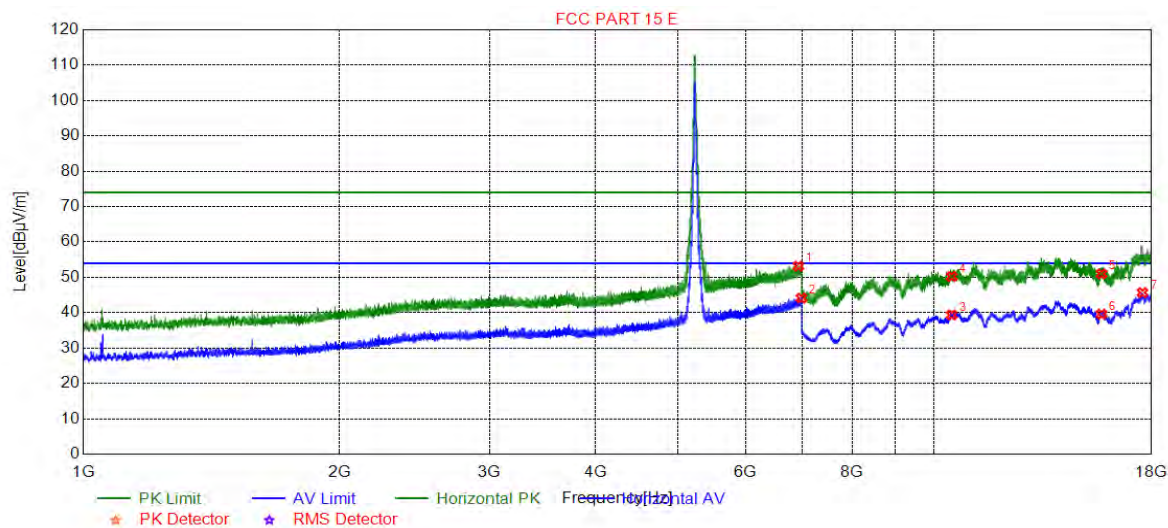
4.8.2.14 11A20_44 ANT 1_ Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.2987	53.48	12.67	74.00	20.52	150	333	Horizontal
2	6994.8997	44.16	12.75	54.00	9.84	150	18	Horizontal
3	10440.0000	38.05	-4.92	54.00	15.95	150	198	Vertical
4	10440.0000	50.16	-4.92	74.00	23.84	150	189	Horizontal
5	15660.0000	49.45	-3.54	74.00	24.55	150	246	Horizontal
6	15660.0000	38.34	-3.54	54.00	15.66	150	170	Vertical
7	17528.6264	45.51	0.72	54.00	8.49	150	342	Vertical



4.8.2.15 11A20_48 ANT 1_ Horizontal



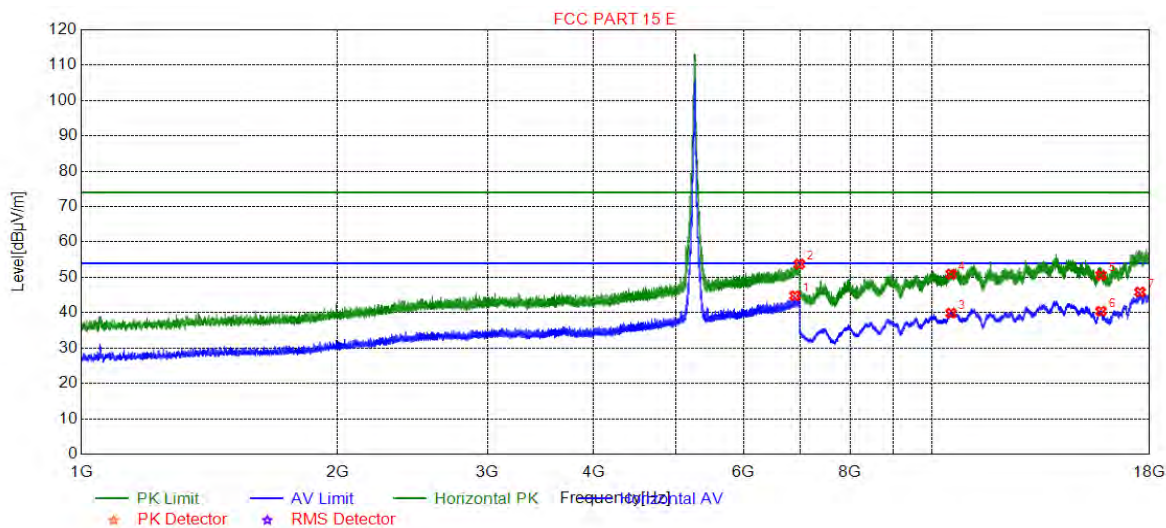
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6922.5961	53.18	12.48	74.00	20.82	150	133	Horizontal
2	6979.2990	44.12	12.69	54.00	9.88	150	75	Horizontal
3	10480.0000	39.37	-4.49	54.00	14.63	150	160	Horizontal
4	10480.0000	50.24	-4.49	74.00	23.76	150	275	Horizontal
5	15720.0000	50.99	-2.65	74.00	23.01	150	189	Horizontal
6	15720.0000	39.59	-2.65	54.00	14.41	150	246	Horizontal
7	17559.4280	45.68	1.11	54.00	8.32	150	332	Horizontal



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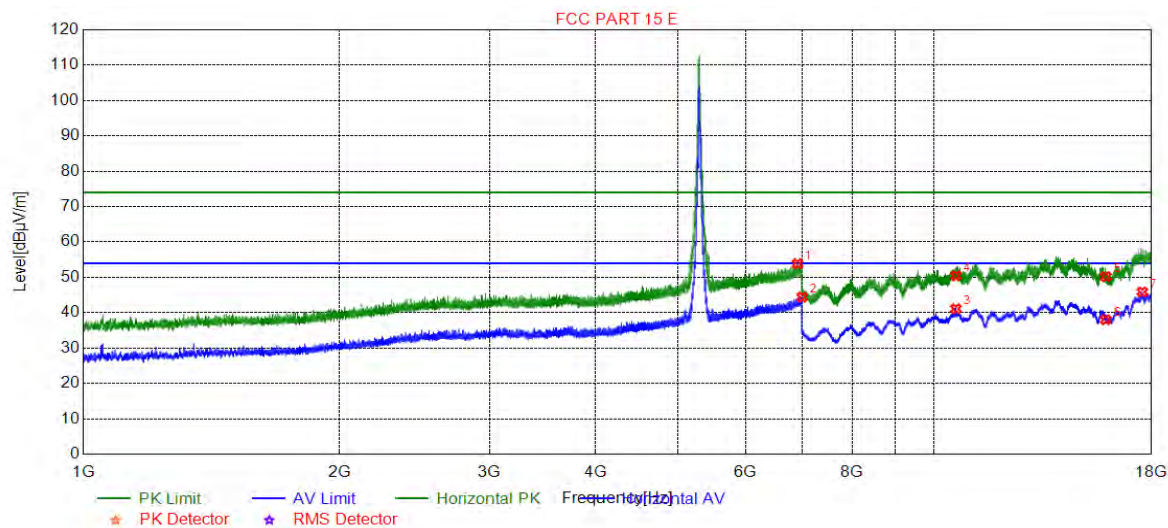
4.8.2.16 11A20_52 ANT 1_ Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6895.8948	44.81	12.38	54.00	9.19	150	191	Horizontal
2	6977.4989	53.77	12.69	74.00	20.23	150	47	Horizontal
3	10520.0000	39.88	-4.37	54.00	14.12	150	161	Horizontal
4	10520.0000	50.91	-4.37	74.00	23.09	150	190	Horizontal
5	15780.0000	50.58	-2.36	74.00	23.42	150	18	Horizontal
6	15780.0000	40.42	-2.36	54.00	13.58	150	332	Horizontal
7	17539.0770	45.84	0.85	54.00	8.16	150	304	Horizontal



4.8.2.17 11A20_60 ANT 1_ Horizontal



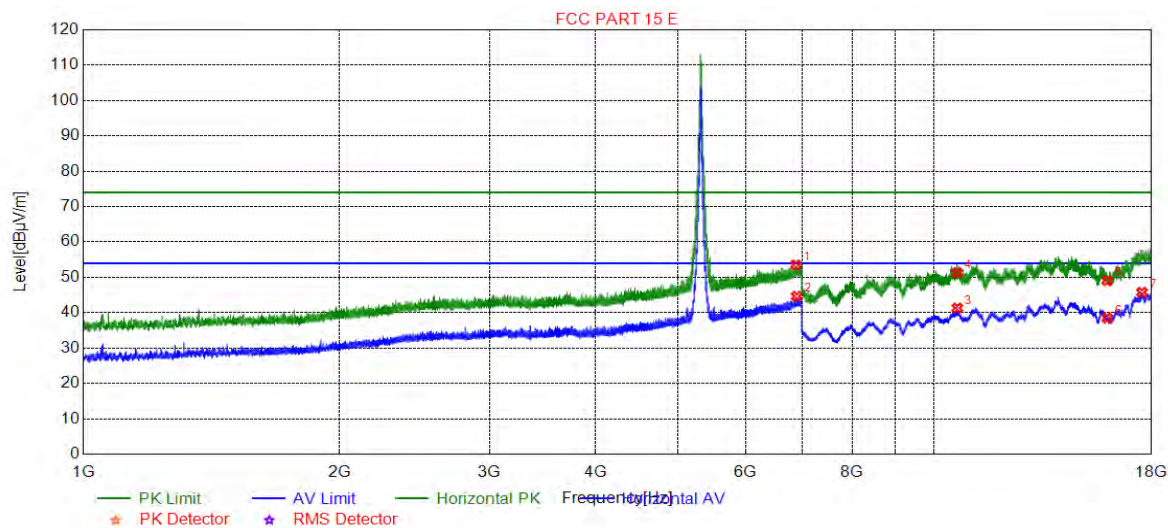
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6904.2952	53.86	12.42	74.00	20.14	150	306	Horizontal
2	6992.4996	44.42	12.74	54.00	9.58	150	18	Horizontal
3	10600.0000	41.11	-4.75	54.00	12.89	150	190	Horizontal
4	10600.0000	50.44	-4.75	74.00	23.56	150	218	Horizontal
5	15900.0000	50.22	-3.75	74.00	23.78	150	275	Horizontal
6	15900.0000	38.02	-3.75	54.00	15.98	150	275	Horizontal
7	17551.1776	45.89	1.01	54.00	8.11	150	332	Horizontal



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4.8.2.18 11A20_64 ANT 1_ Horizontal



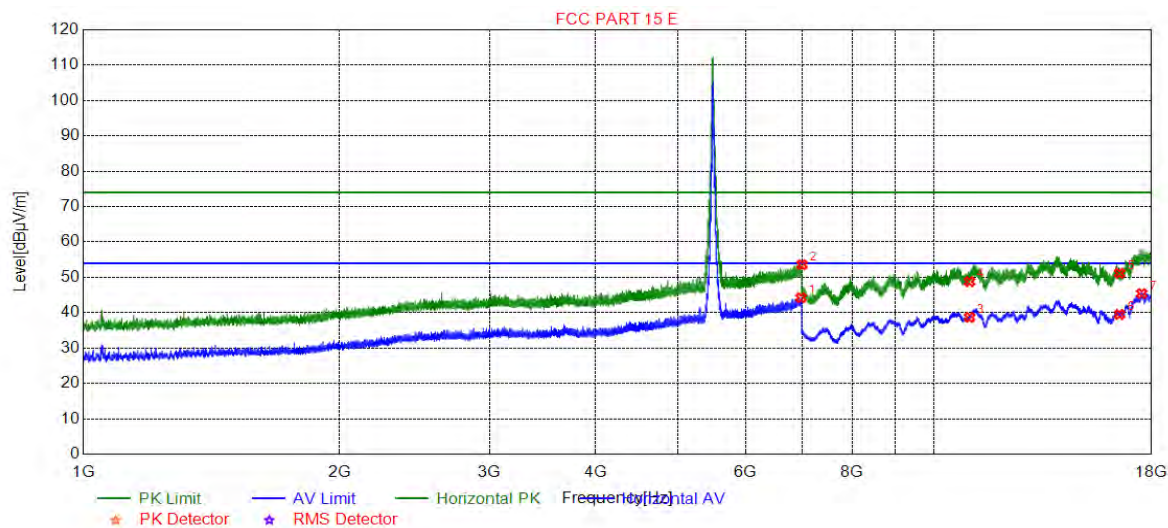
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6875.1938	53.51	12.31	74.00	20.49	150	332	Horizontal
2	6890.4945	44.62	12.36	54.00	9.38	150	47	Horizontal
3	10640.0000	41.32	-4.69	54.00	12.68	150	190	Horizontal
4	10640.0000	51.33	-4.69	74.00	22.67	150	161	Horizontal
5	15960.0000	49.05	-3.70	74.00	24.95	150	218	Horizontal
6	15960.0000	38.49	-3.70	54.00	15.51	150	190	Horizontal
7	17536.8768	45.76	0.82	54.00	8.24	150	333	Horizontal



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4.8.2.19 11A20_100 ANT 1_ Horizontal



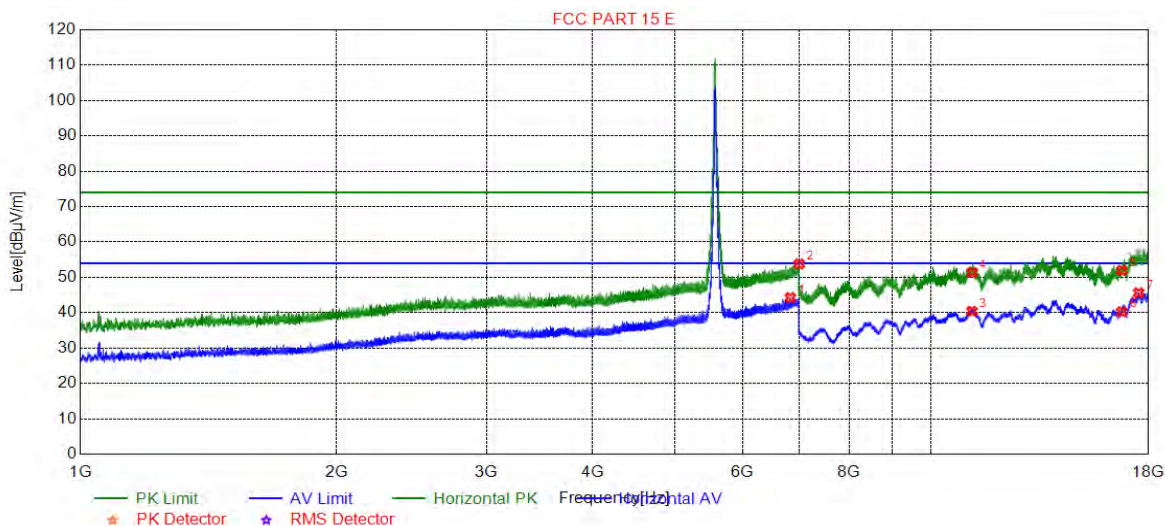
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.8985	44.23	12.66	54.00	9.77	150	47	Horizontal
2	6988.8994	53.57	12.73	74.00	20.43	150	189	Horizontal
3	11000.0000	38.68	-4.28	54.00	15.32	150	76	Horizontal
4	11000.0000	48.79	-4.28	74.00	25.21	150	304	Horizontal
5	16500.0000	51.16	-3.62	74.00	22.84	150	275	Horizontal
6	16500.0000	39.53	-3.62	54.00	14.47	150	358	Horizontal
7	17525.8763	45.42	0.68	54.00	8.58	150	76	Horizontal



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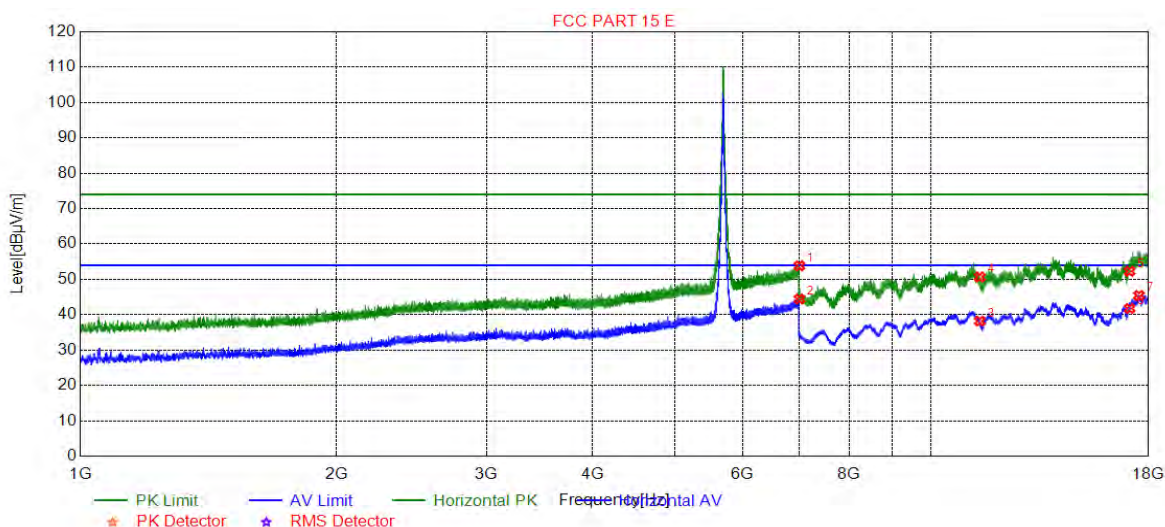
4.8.2.20 11A20_116 ANT 1_ Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6828.9915	44.28	12.13	54.00	9.72	150	162	Horizontal
2	6993.3997	53.78	12.75	74.00	20.22	150	18	Horizontal
3	11160.0000	40.43	-3.43	54.00	13.57	150	284	Horizontal
4	11160.0000	51.41	-3.43	74.00	22.59	150	108	Horizontal
5	16740.0000	51.98	-3.33	74.00	22.02	150	168	Horizontal
6	16740.0000	40.29	-3.33	54.00	13.71	150	168	Horizontal
7	17523.6762	45.61	0.65	54.00	8.39	150	360	Horizontal



4.8.2.21 11A20_140 ANT 1_ Horizontal



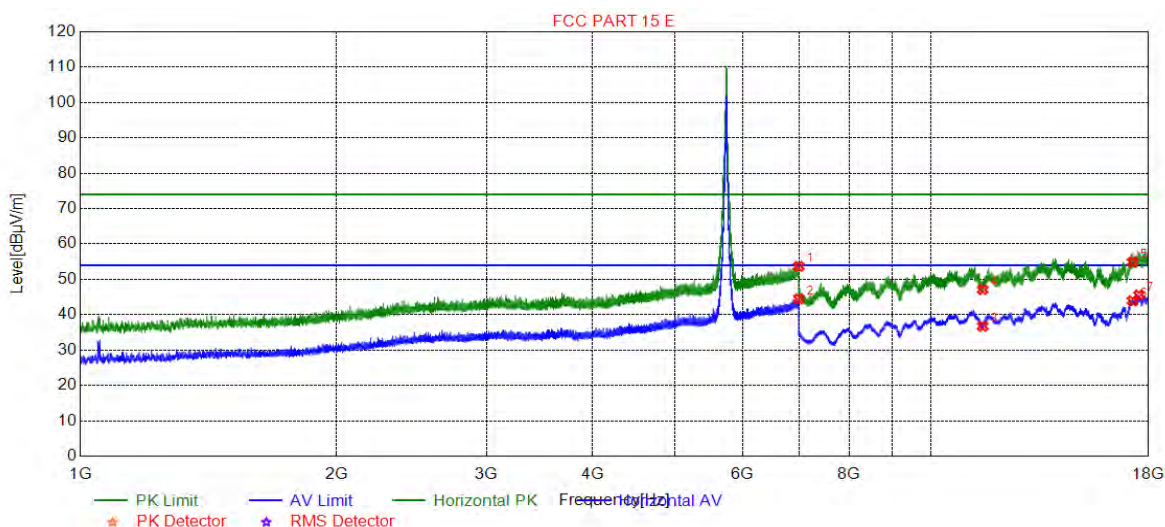
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6997.2999	53.83	12.76	74.00	20.17	150	18	Horizontal
2	6998.4999	44.44	12.76	54.00	9.56	150	47	Horizontal
3	11400.0000	38.20	-4.42	54.00	15.80	150	162	Horizontal
4	11400.0000	50.66	-4.42	74.00	23.34	150	105	Horizontal
5	17100.0000	52.28	-3.09	74.00	21.72	150	248	Horizontal
6	17100.0000	41.77	-3.09	54.00	12.23	150	47	Horizontal
7	17537.4269	45.45	0.83	54.00	8.55	150	220	Horizontal



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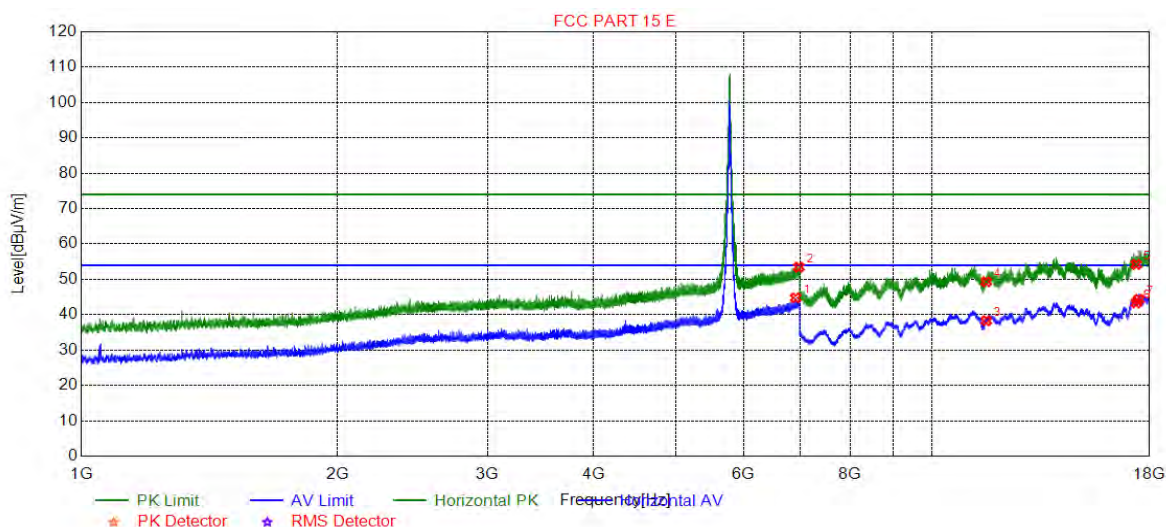
4.8.2.22 11A20_149 ANT 1_ Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6984.9993	53.68	12.71	74.00	20.32	150	76	Horizontal
2	6989.1995	44.47	12.73	54.00	9.53	150	48	Horizontal
3	11490.0000	36.75	-5.65	54.00	17.25	150	308	Horizontal
4	11490.0000	47.12	-5.65	74.00	26.88	150	280	Horizontal
5	17235.0000	54.91	-1.47	74.00	19.09	150	247	Horizontal
6	17235.0000	43.95	-1.47	54.00	10.05	150	104	Horizontal
7	17535.7768	45.58	0.81	54.00	8.42	150	308	Horizontal



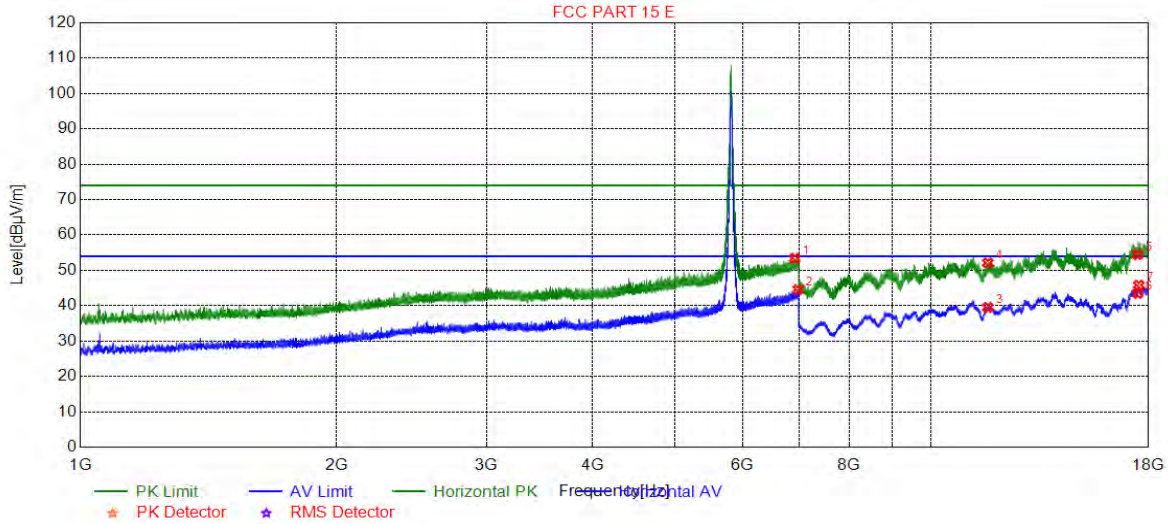
4.8.2.23 11A20_157 ANT 1_ Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.2954	44.77	12.43	54.00	9.23	150	190	Horizontal
2	6968.4984	53.44	12.65	74.00	20.56	150	47	Horizontal
3	11570.0000	38.32	-3.87	54.00	15.68	150	104	Horizontal
4	11570.0000	49.34	-3.87	74.00	24.66	150	132	Horizontal
5	17355.0000	54.24	-1.07	74.00	19.76	150	47	Horizontal
6	17355.0000	43.35	-1.07	54.00	10.65	150	104	Horizontal
7	17485.1743	44.37	0.15	54.00	9.63	150	18	Horizontal



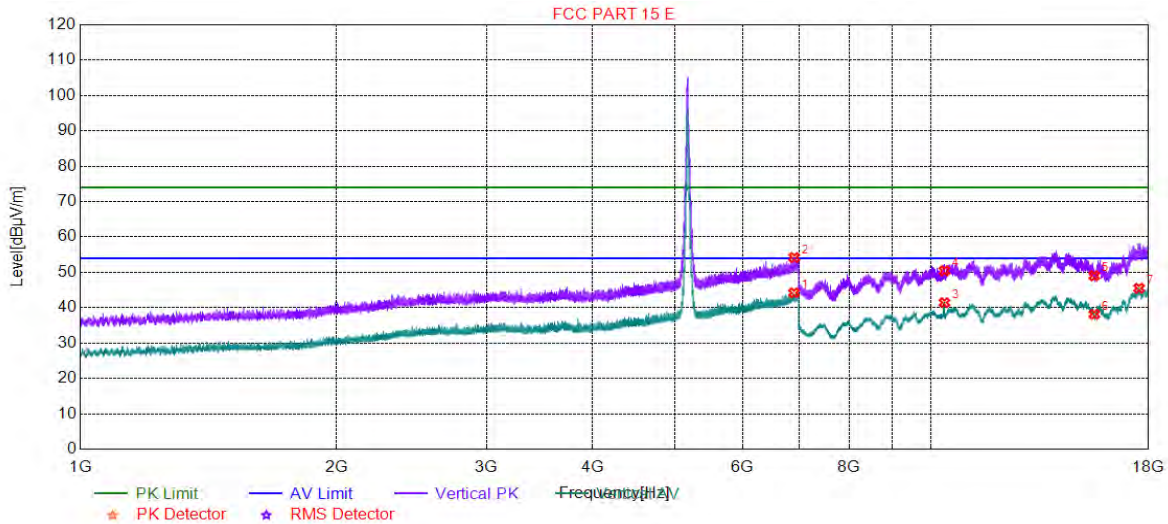
4.8.2.24 11A20_165 ANT 1_ Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.6955	53.39	12.44	74.00	20.61	150	358	Horizontal
2	6972.0986	44.56	12.67	54.00	9.44	150	75	Horizontal
3	11650.0000	39.54	-3.16	54.00	14.46	150	18	Horizontal
4	11650.0000	52.11	-3.16	74.00	21.89	150	305	Horizontal
5	17475.0000	54.44	0.02	74.00	19.56	150	334	Horizontal
6	17475.0000	43.47	0.02	54.00	10.53	150	47	Horizontal
7	17528.0764	45.84	0.71	54.00	8.16	150	218	Horizontal



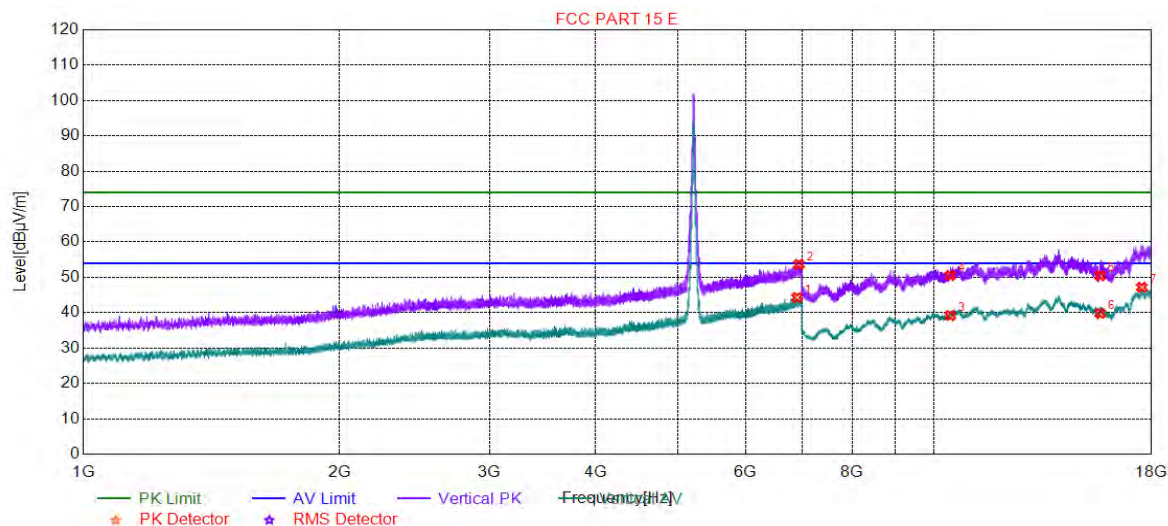
4.8.2.25 11N20_36 ANT 1_Veritical



NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6896.1948	44.21	12.39	54.00	9.79	150	2	Vertical
2	6900.3950	54.20	12.40	74.00	19.80	150	284	Vertical
3	10360.0000	41.44	-5.35	54.00	12.56	150	257	Vertical
4	10360.0000	50.46	-5.35	74.00	23.54	150	257	Vertical
5	15540.0000	49.01	-3.26	74.00	24.99	150	200	Vertical
6	15540.0000	38.13	-3.26	54.00	15.87	150	285	Vertical
7	17537.9769	45.52	0.84	54.00	8.48	150	172	Vertical



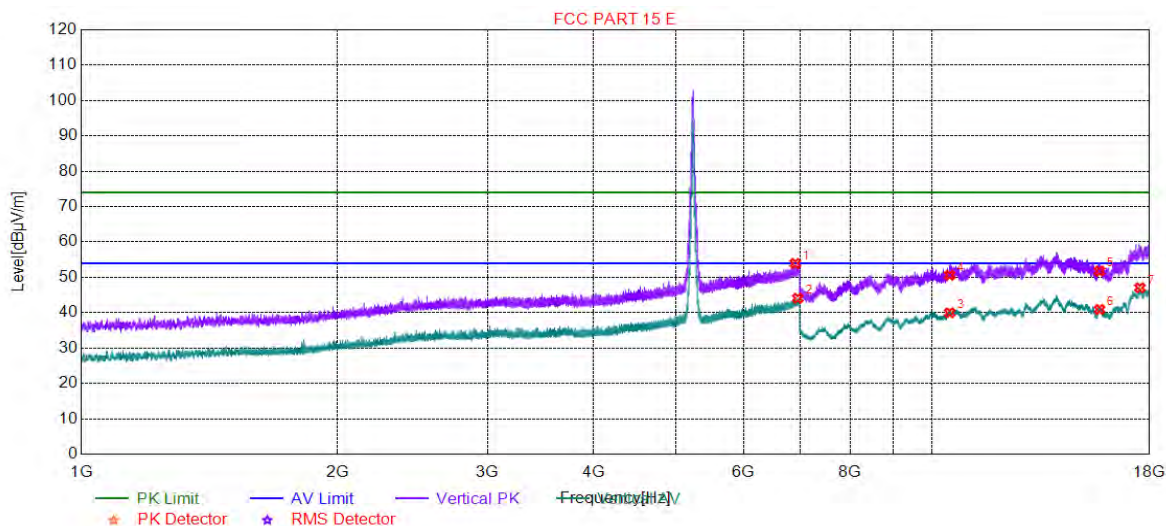
4.8.2.26 11N20_44 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.3949	44.30	12.39	54.00	9.70	150	142	Vertical
2	6931.5966	53.67	12.52	74.00	20.33	150	171	Vertical
3	10440.0000	39.20	-4.92	54.00	14.80	150	144	Vertical
4	10440.0000	50.53	-4.92	74.00	23.47	150	59	Vertical
5	15660.0000	50.47	-3.54	74.00	23.53	150	31	Vertical
6	15660.0000	39.79	-3.54	54.00	14.21	150	144	Vertical
7	17530.2765	47.19	0.74	54.00	6.81	150	59	Vertical



4.8.2.27 11N20_48 ANT 1_Vertical



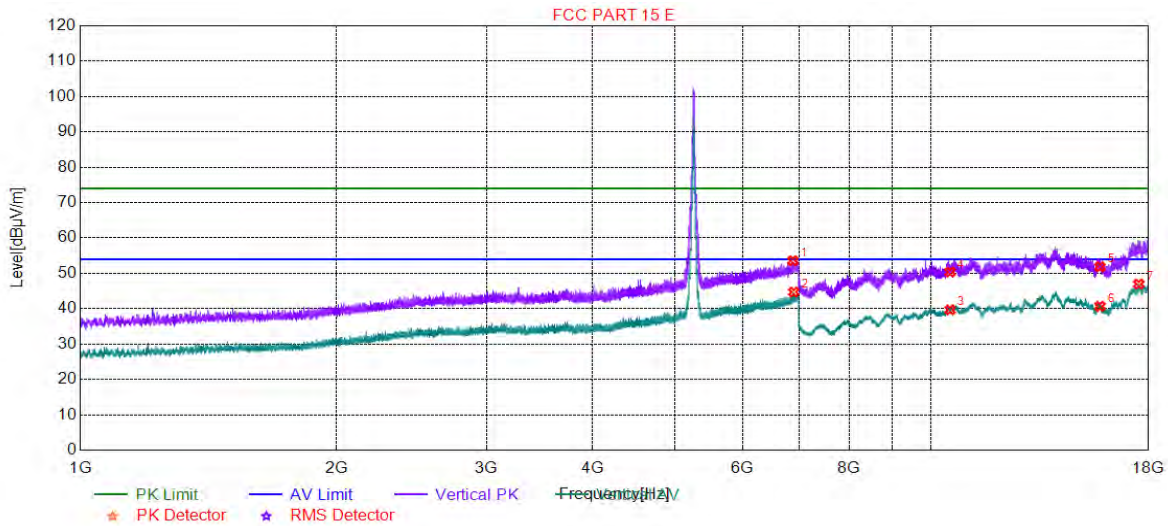
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6900.6950	53.94	12.40	74.00	20.06	150	256	Vertical
2	6945.3973	44.09	12.57	54.00	9.91	150	227	Vertical
3	10480.0000	39.98	-4.49	54.00	14.02	150	342	Vertical
4	10480.0000	50.59	-4.49	74.00	23.41	150	58	Vertical
5	15720.0000	51.77	-2.65	74.00	22.23	150	256	Vertical
6	15720.0000	40.93	-2.65	54.00	13.07	150	30	Vertical
7	17535.2268	47.05	0.80	54.00	6.95	150	3	Vertical



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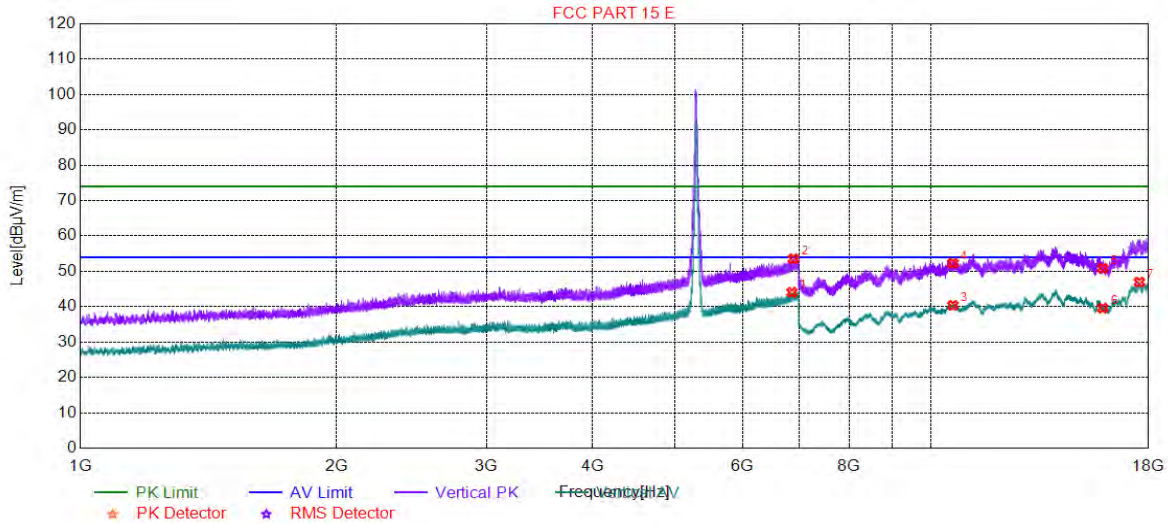
4.8.2.28 11N20_52 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6875.7938	53.57	12.31	74.00	20.43	150	1	Vertical
2	6891.3946	44.70	12.37	54.00	9.30	150	112	Vertical
3	10520.0000	39.68	-4.37	54.00	14.32	150	257	Vertical
4	10520.0000	50.37	-4.37	74.00	23.63	150	201	Vertical
5	15780.0000	51.86	-2.36	74.00	22.14	150	112	Vertical
6	15780.0000	40.68	-2.36	54.00	13.32	150	84	Vertical
7	17528.6264	46.98	0.72	54.00	7.02	150	257	Vertical



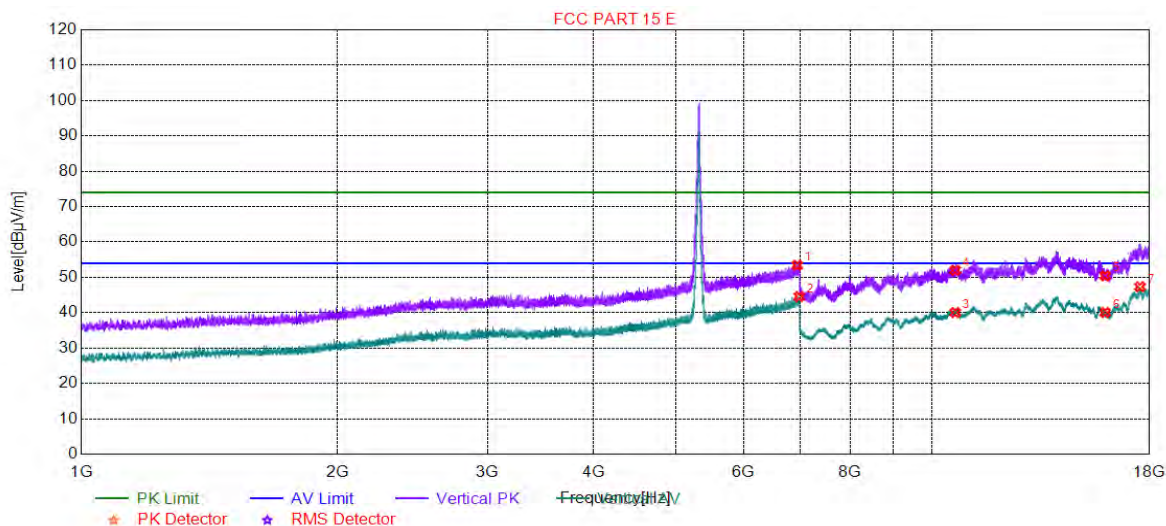
4.8.2.29 11N20_60 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6858.0929	44.06	12.24	54.00	9.94	150	188	Vertical
2	6885.6943	53.55	12.35	74.00	20.45	150	0	Vertical
3	10600.0000	40.37	-4.75	54.00	13.63	150	342	Vertical
4	10600.0000	52.28	-4.75	74.00	21.72	150	285	Vertical
5	15900.0000	50.88	-3.75	74.00	23.12	150	314	Vertical
6	15900.0000	39.62	-3.75	54.00	14.38	150	228	Vertical
7	17552.8276	46.96	1.03	54.00	7.04	150	257	Vertical



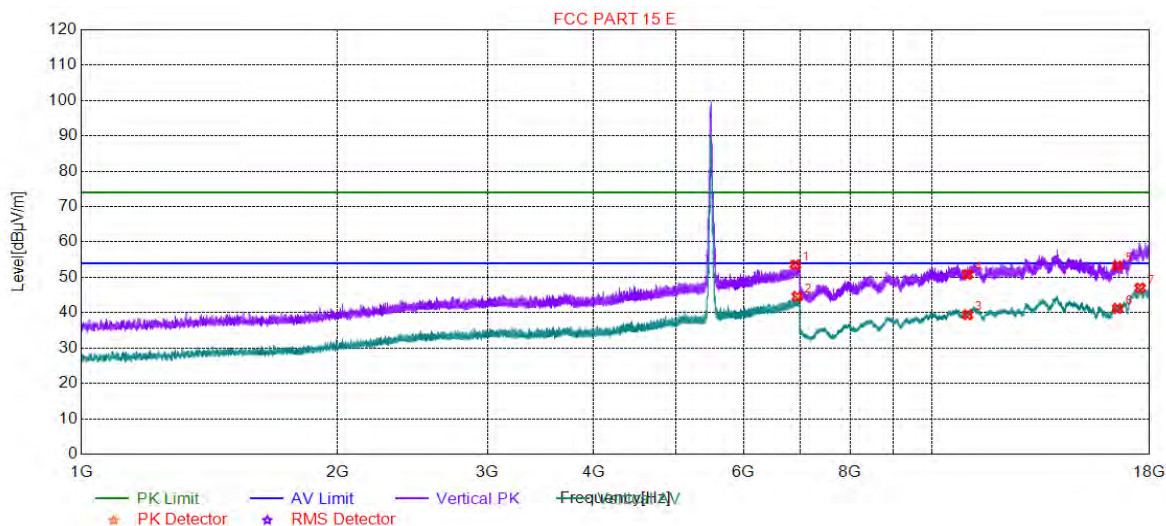
4.8.2.30 11N20_64 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.5969	53.41	12.54	74.00	20.59	150	166	Vertical
2	6974.1987	44.56	12.67	54.00	9.44	150	311	Vertical
3	10640.0000	40.04	-4.69	54.00	13.96	150	342	Vertical
4	10640.0000	52.02	-4.69	74.00	21.98	150	342	Vertical
5	15960.0000	50.43	-3.70	74.00	23.57	150	88	Vertical
6	15960.0000	40.05	-3.70	54.00	13.95	150	31	Vertical
7	17536.8768	47.34	0.82	54.00	6.66	150	285	Vertical



4.8.2.31 11N20_100 ANT 1_Vertical



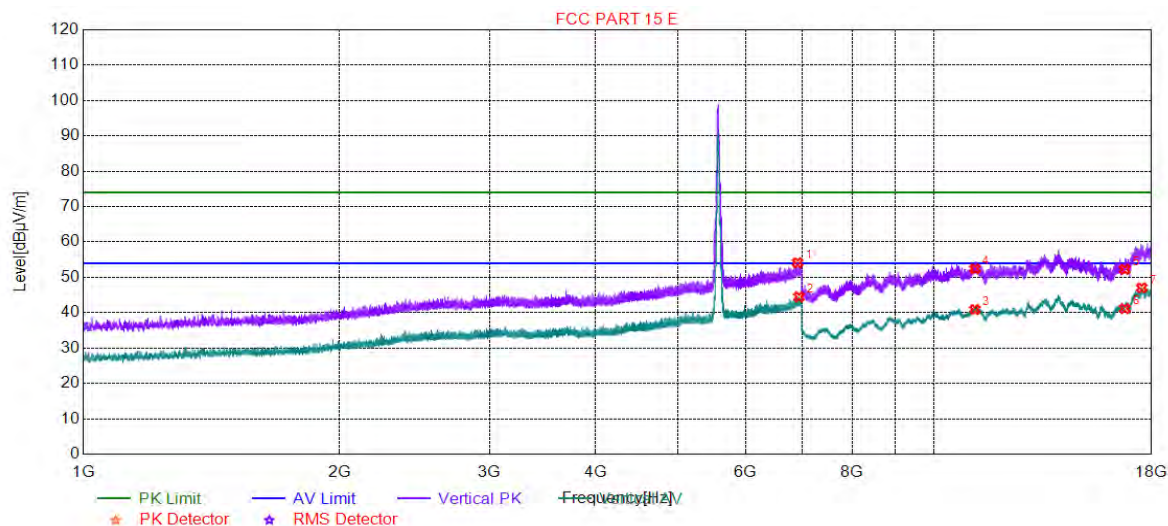
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6903.3952	53.56	12.41	74.00	20.44	150	313	Vertical
2	6938.4969	44.56	12.54	54.00	9.44	150	313	Vertical
3	11000.0000	39.44	-4.28	54.00	14.56	150	170	Vertical
4	11000.0000	50.80	-4.28	74.00	23.20	150	342	Vertical
5	16500.0000	53.27	-3.62	74.00	20.73	150	285	Vertical
6	16500.0000	41.21	-3.62	54.00	12.79	150	86	Vertical
7	17540.7270	47.00	0.87	54.00	7.00	150	285	Vertical



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4.8.2.32 11N20_116 ANT 1_Vertical



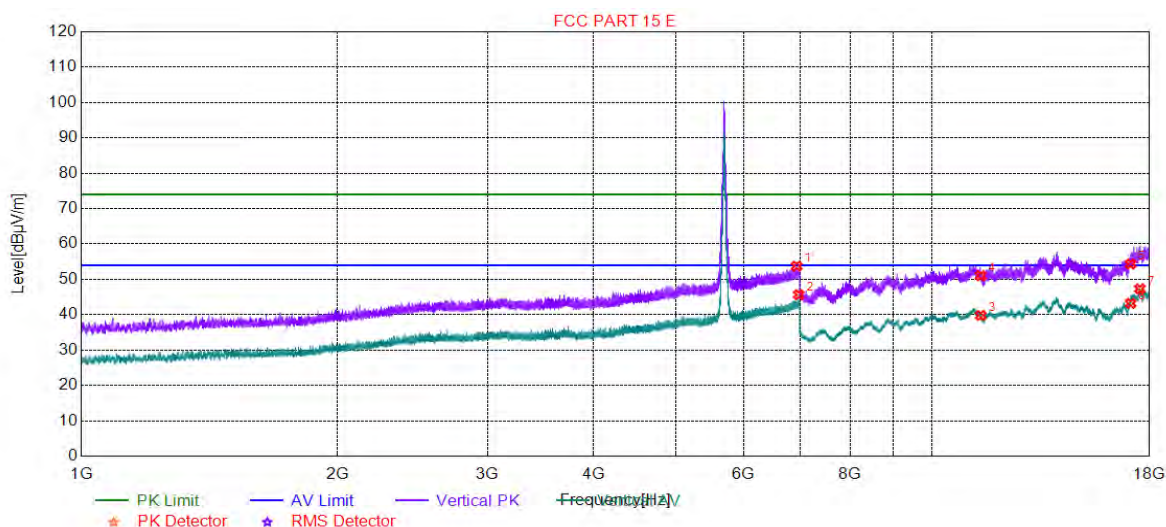
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6905.4953	54.15	12.42	74.00	19.85	150	227	Vertical
2	6932.7966	44.49	12.52	54.00	9.51	150	256	Vertical
3	11160.0000	40.90	-3.43	54.00	13.10	150	117	Vertical
4	11160.0000	52.41	-3.43	74.00	21.59	150	229	Vertical
5	16740.0000	52.25	-3.33	74.00	21.75	150	145	Vertical
6	16740.0000	41.16	-3.33	54.00	12.84	150	257	Vertical
7	17525.8763	47.04	0.68	54.00	6.96	150	117	Vertical



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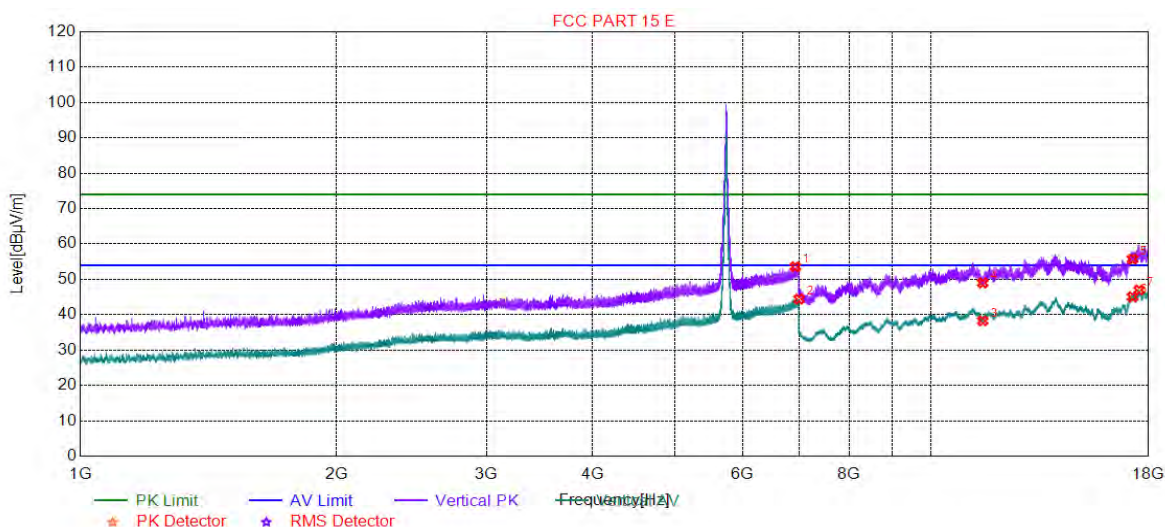
4.8.2.33 11N20_140 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.2964	53.74	12.50	74.00	20.26	150	142	Vertical
2	6967.2984	45.65	12.65	54.00	8.35	150	285	Vertical
3	11400.0000	39.80	-4.42	54.00	14.20	150	116	Vertical
4	11400.0000	51.03	-4.42	74.00	22.97	150	32	Vertical
5	17100.0000	54.33	-3.09	74.00	19.67	150	32	Vertical
6	17100.0000	43.22	-3.09	54.00	10.78	150	258	Vertical
7	17534.6767	47.30	0.79	54.00	6.70	150	60	Vertical



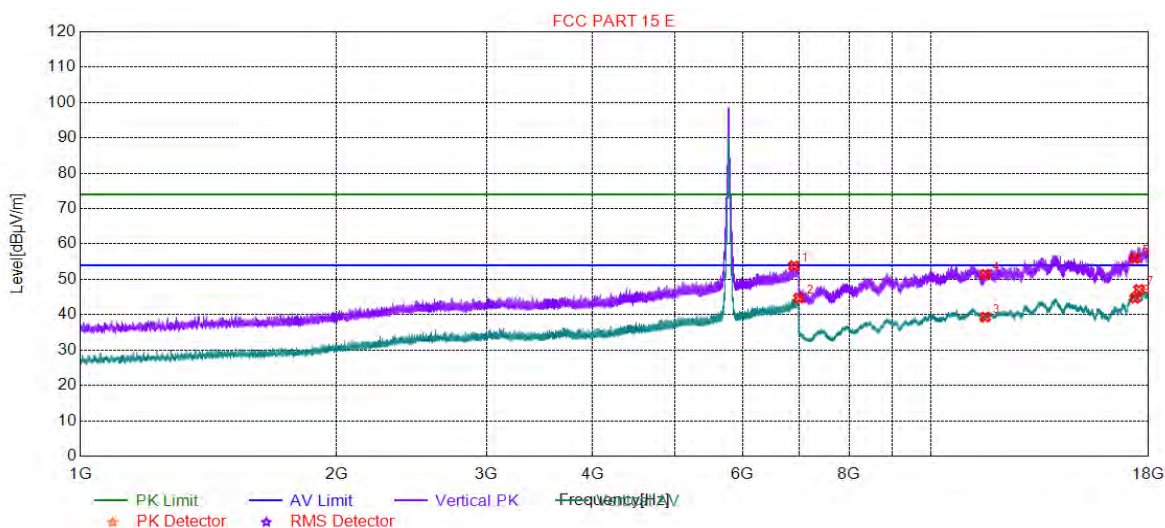
4.8.2.34 11N20_149 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.3961	53.55	12.48	74.00	20.45	150	171	Vertical
2	6989.4995	44.41	12.73	54.00	9.59	150	199	Vertical
3	11490.0000	38.27	-5.65	54.00	15.73	150	29	Vertical
4	11490.0000	48.98	-5.65	74.00	25.02	150	29	Vertical
5	17235.0000	55.71	-1.47	74.00	18.29	150	342	Vertical
6	17235.0000	45.04	-1.47	54.00	8.96	150	314	Vertical
7	17543.4772	46.99	0.91	54.00	7.01	150	144	Vertical



4.8.2.35 11N20_157 ANT 1_Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6894.6947	53.83	12.38	74.00	20.17	150	53	Vertical
2	6985.8993	44.71	12.72	54.00	9.29	150	53	Vertical
3	11570.0000	39.33	-3.87	54.00	14.67	150	116	Vertical
4	11570.0000	51.42	-3.87	74.00	22.58	150	286	Vertical
5	17355.0000	55.90	-1.07	74.00	18.10	150	342	Vertical
6	17355.0000	44.65	-1.07	54.00	9.35	150	144	Vertical
7	17536.3268	47.14	0.81	54.00	6.86	150	257	Vertical

