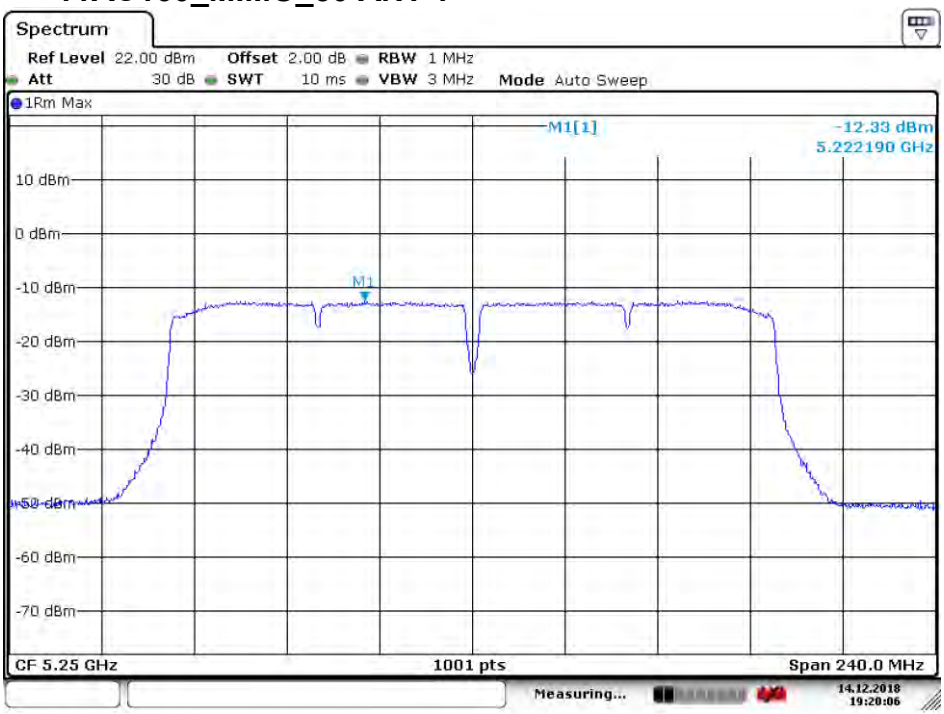
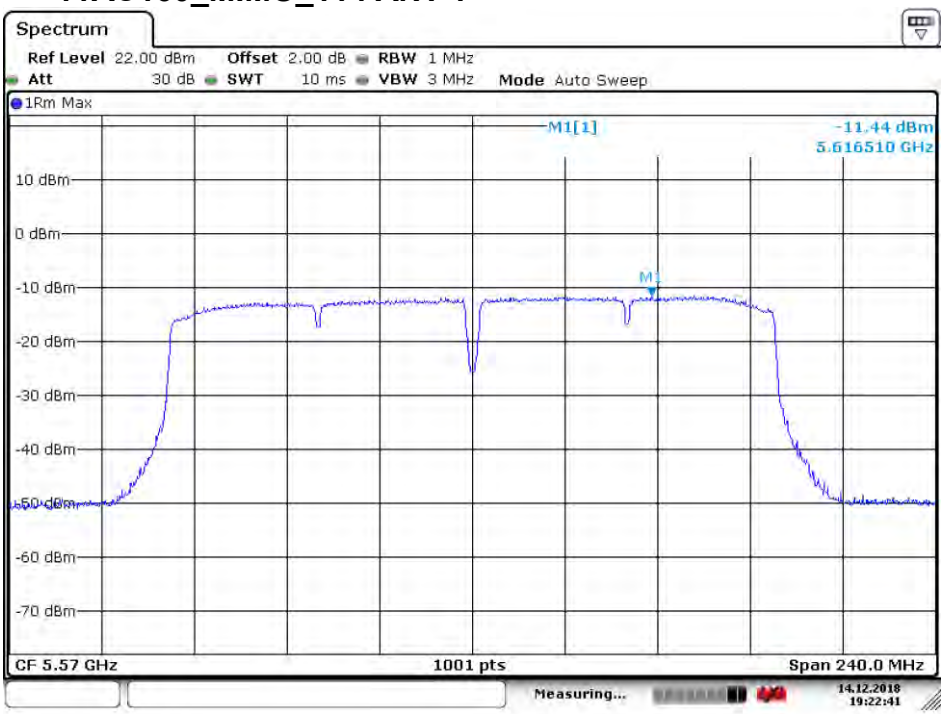
4.7.1.182 11AC160_MIMO_50 ANT 1



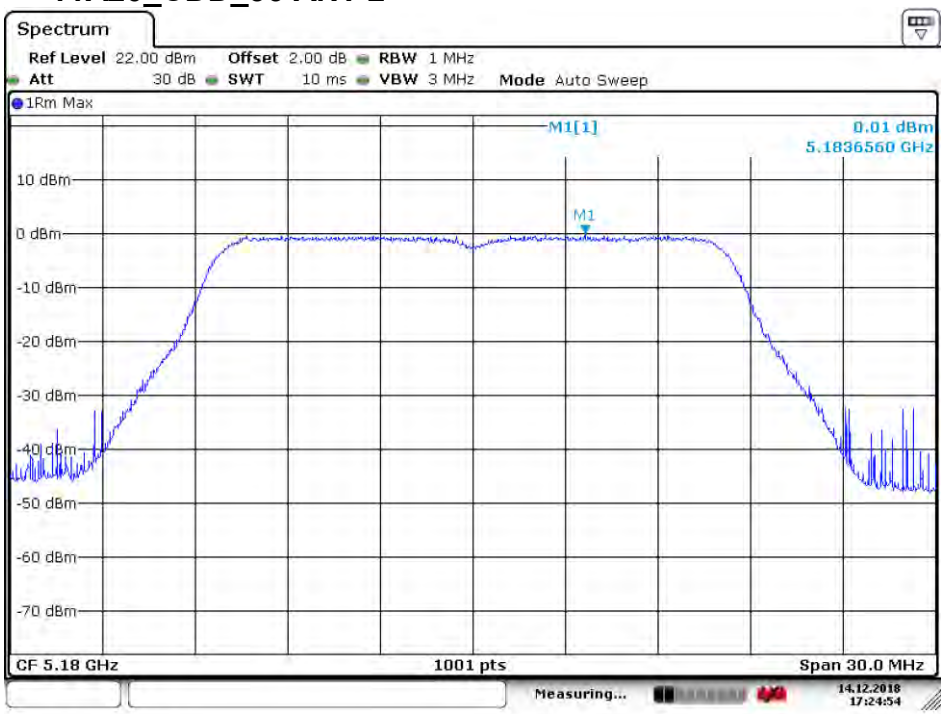
Date: 14.DEC.2018 19:20:06

4.7.1.183 11AC160_MIMO_114 ANT 1



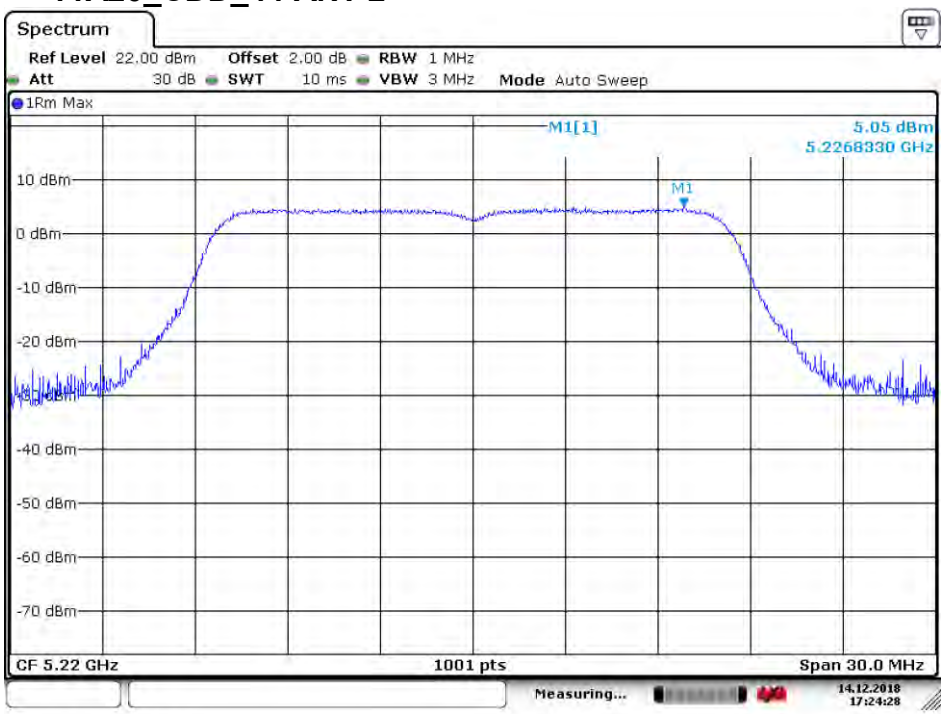
Date: 14.DEC.2018 19:22:42

4.7.1.184 11A20_CDD_36 ANT 2



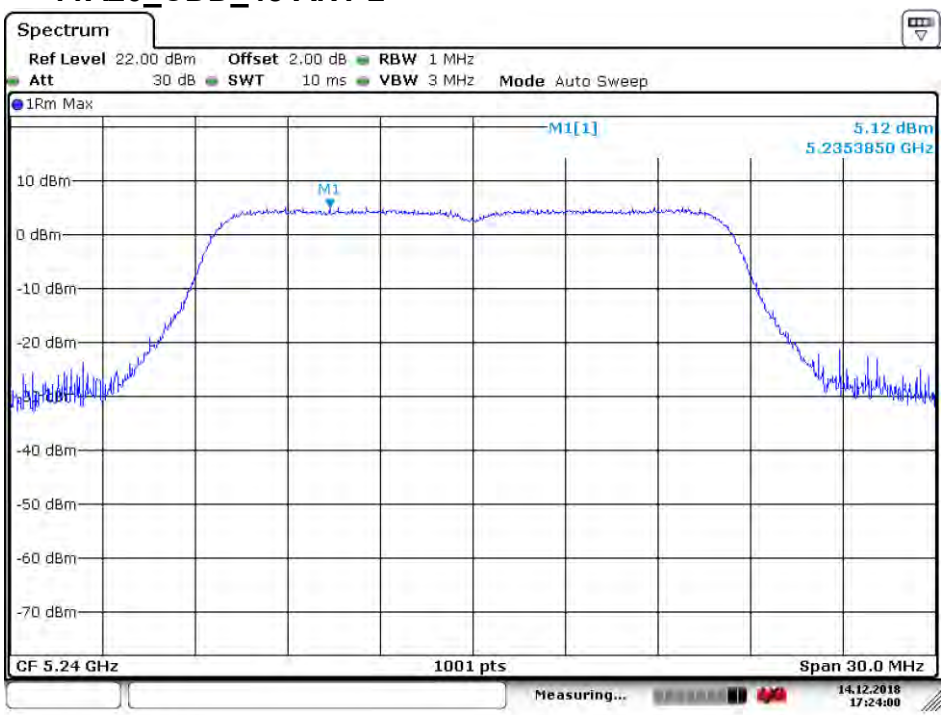
Date: 14.DEC.2018 17:24:55

4.7.1.185 11A20_CDD_44 ANT 2



Date: 14.DEC.2018 17:24:29

4.7.1.186 11A20_CDD_48 ANT 2



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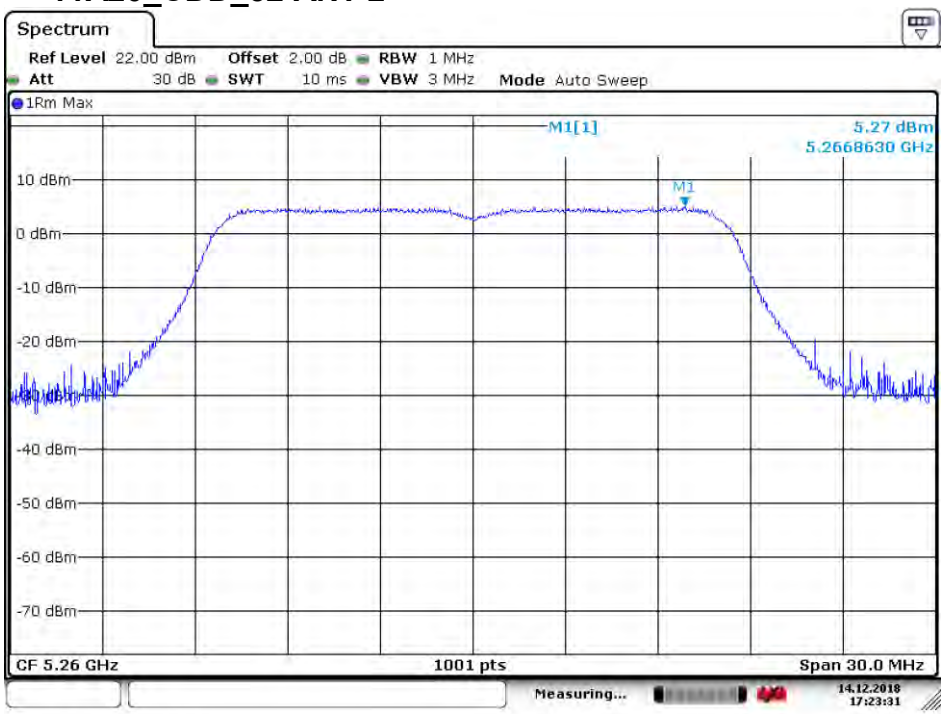
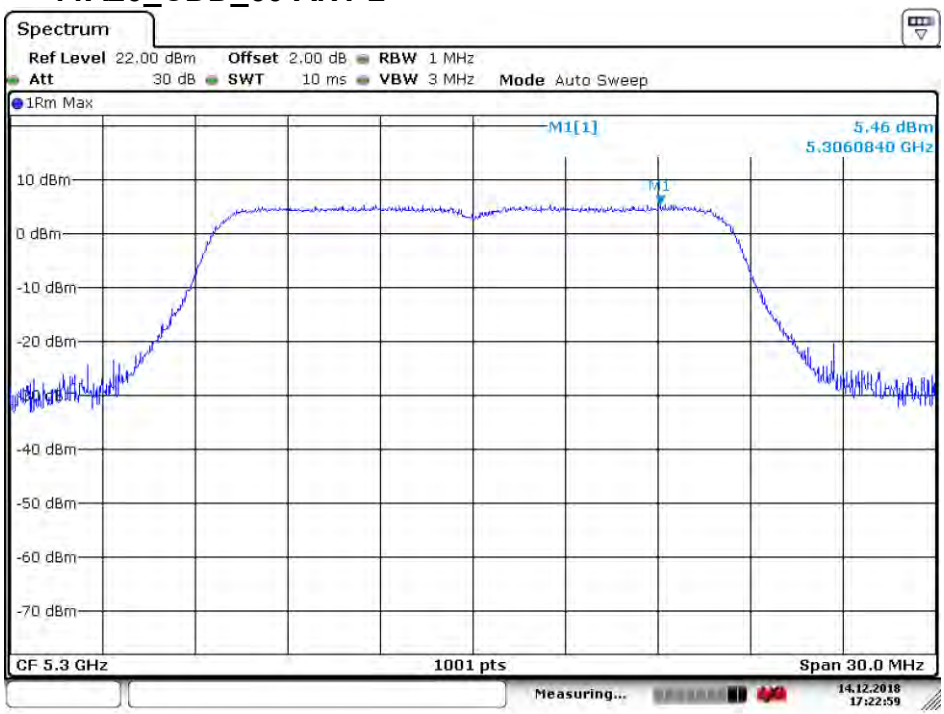
4.7.1.187 11A20_CDD_52 ANT 2



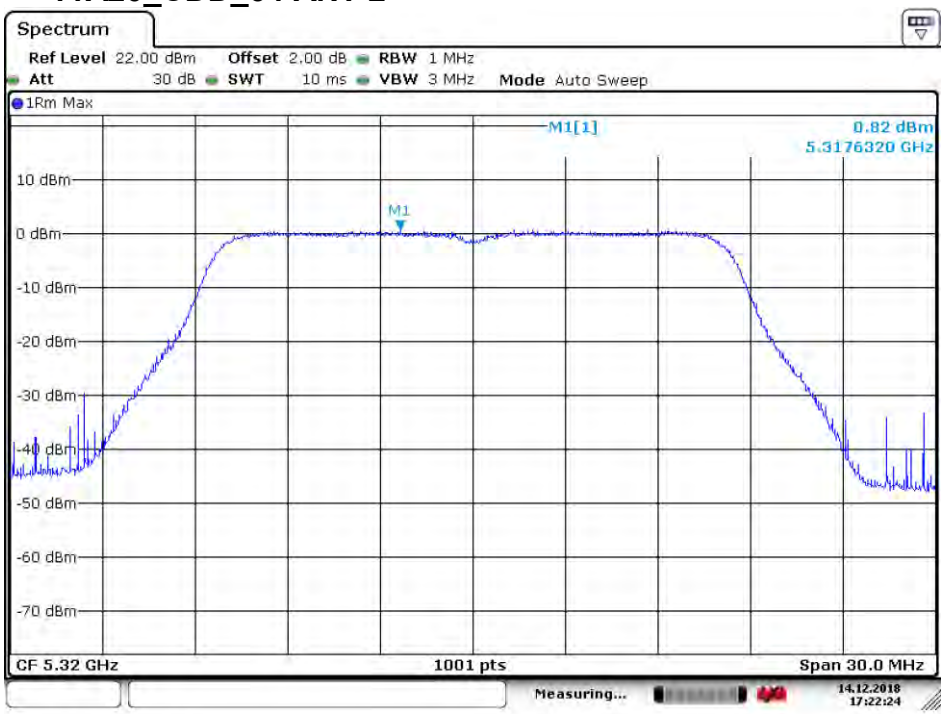
Date: 14.DEC.2018 17:23:32

4.7.1.188 11A20_CDD_60 ANT 2



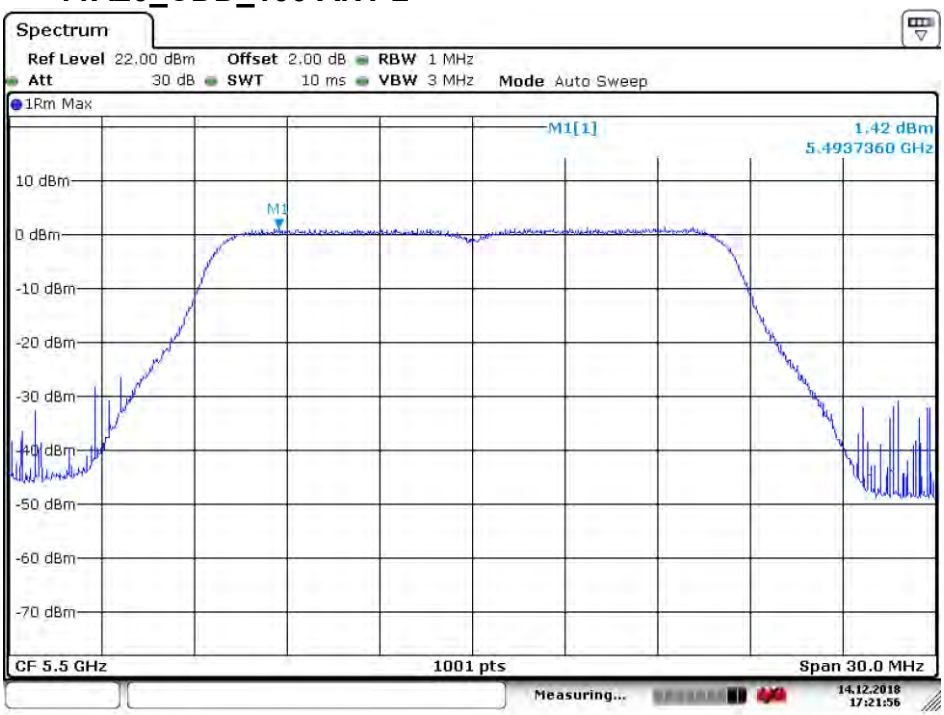
Date: 14.DEC.2018 17:22:59

4.7.1.189 11A20_CDD_64 ANT 2



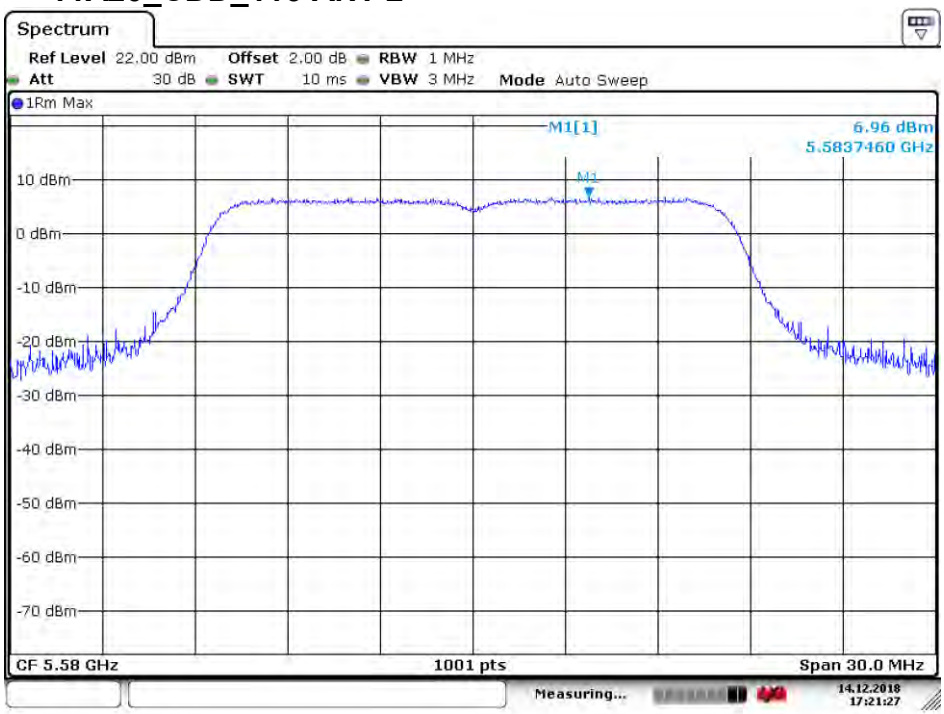
Date: 14.DEC.2018 17:22:25

4.7.1.190 11A20_CDD_100 ANT 2



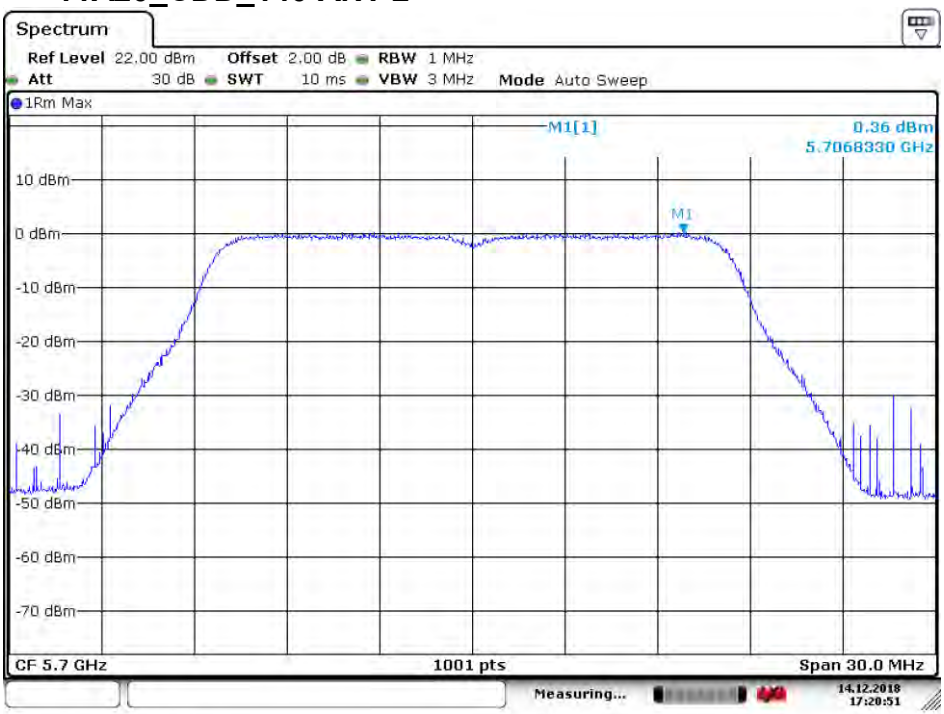
Date: 14.DEC.2018 17:21:56

4.7.1.191 11A20_CDD_116 ANT 2



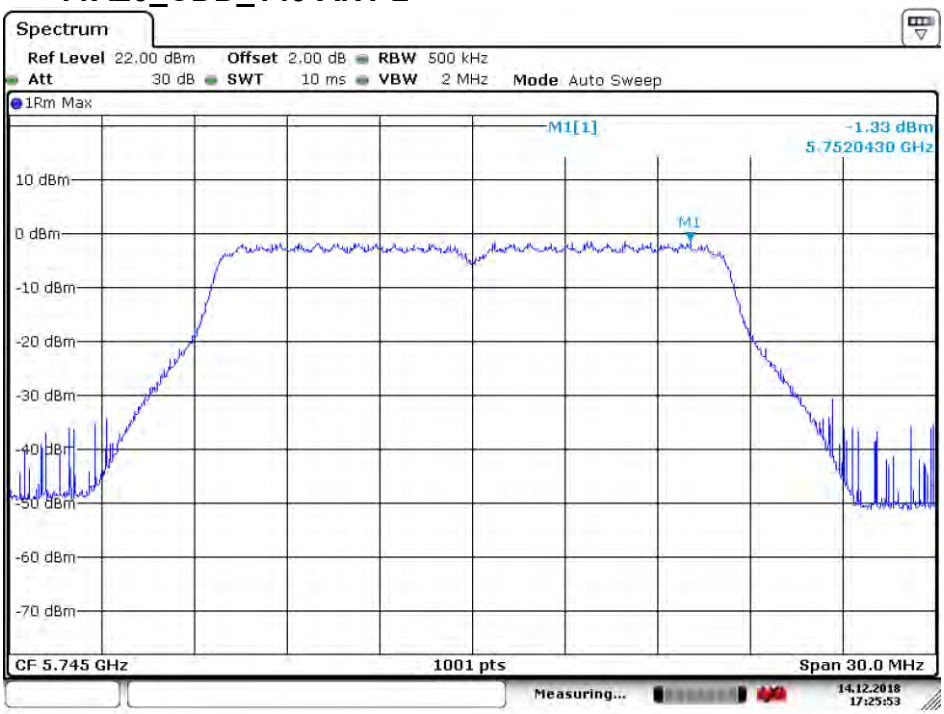
Date: 14.DEC.2018 17:21:27

4.7.1.192 11A20_CDD_140 ANT 2



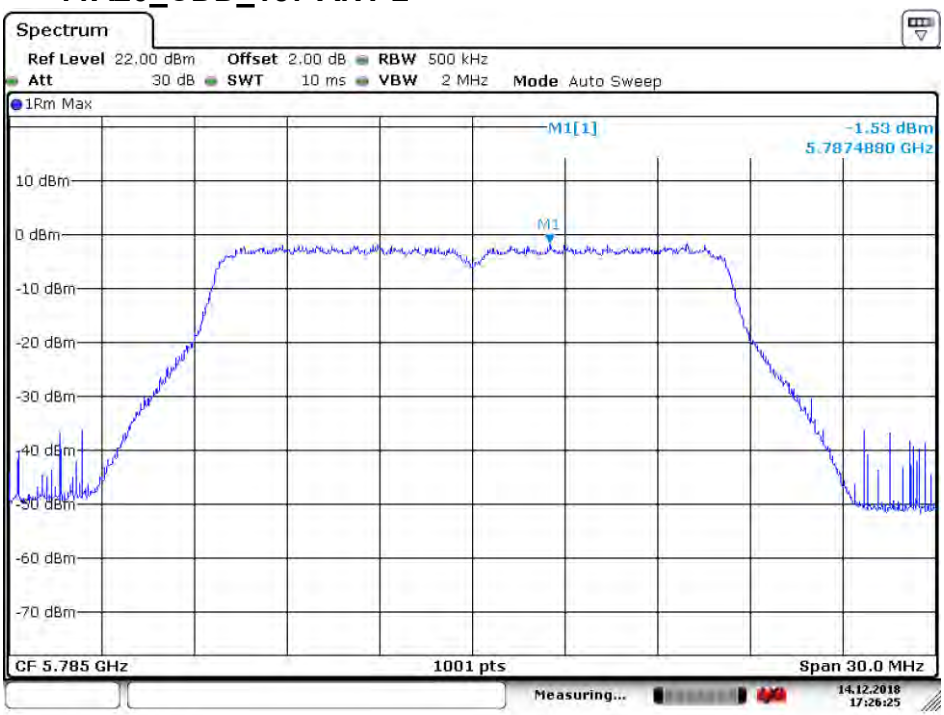
Date: 14.DEC.2018 17:20:51

4.7.1.193 11A20_CDD_149 ANT 2



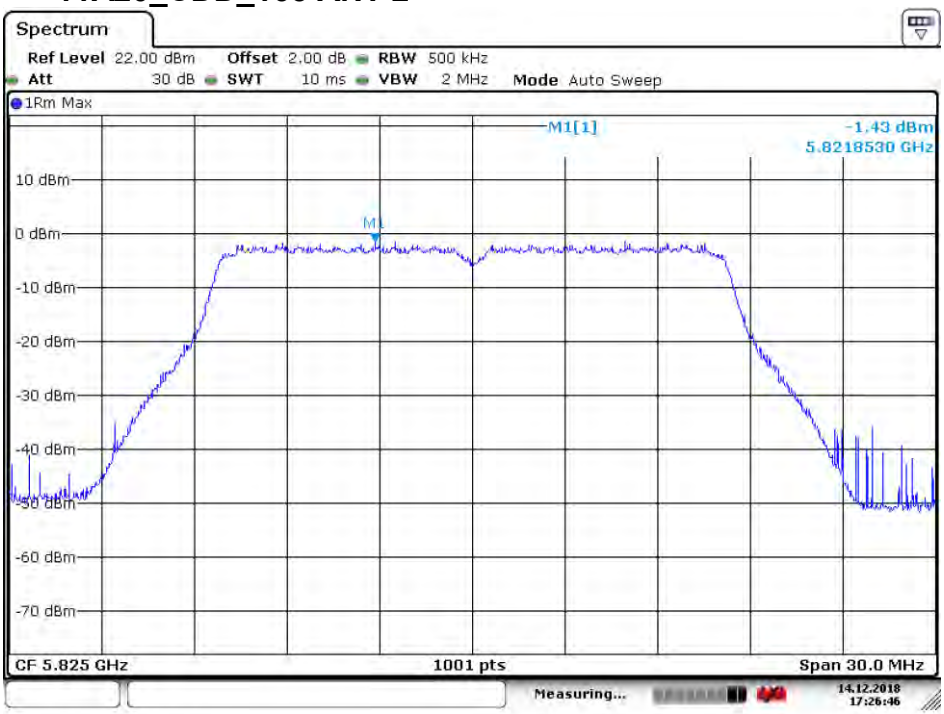
Date: 14.DEC.2018 17:25:54

4.7.1.194 11A20_CDD_157 ANT 2



Date: 14.DEC.2018 17:26:25

4.7.1.195 11A20_CDD_165 ANT 2

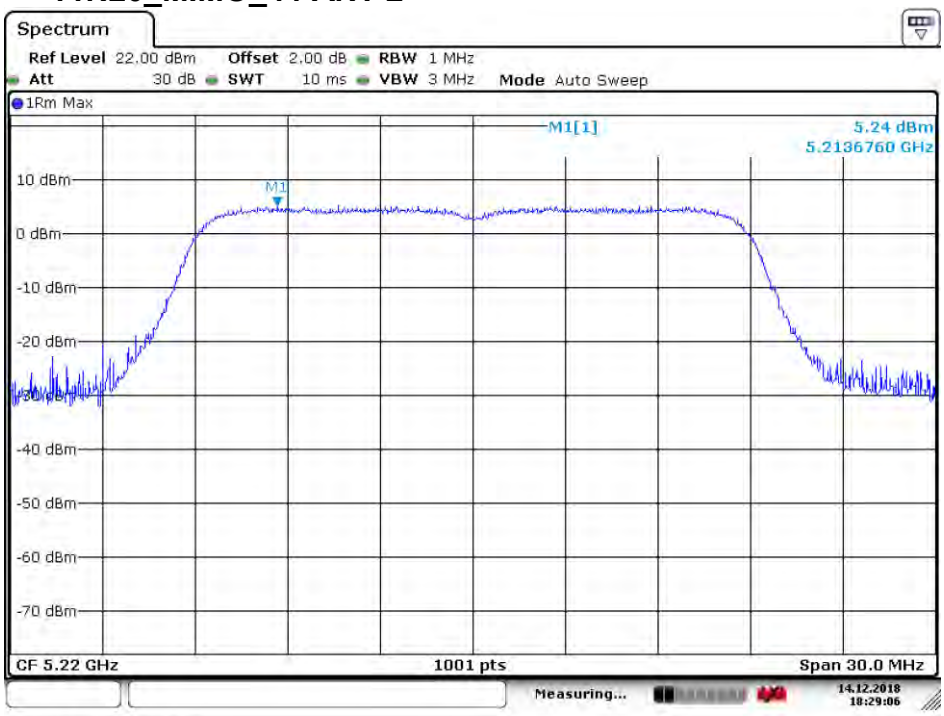


Date: 14.DEC.2018 17:26:46

4.7.1.196 11N20_MIMO_36 ANT 2

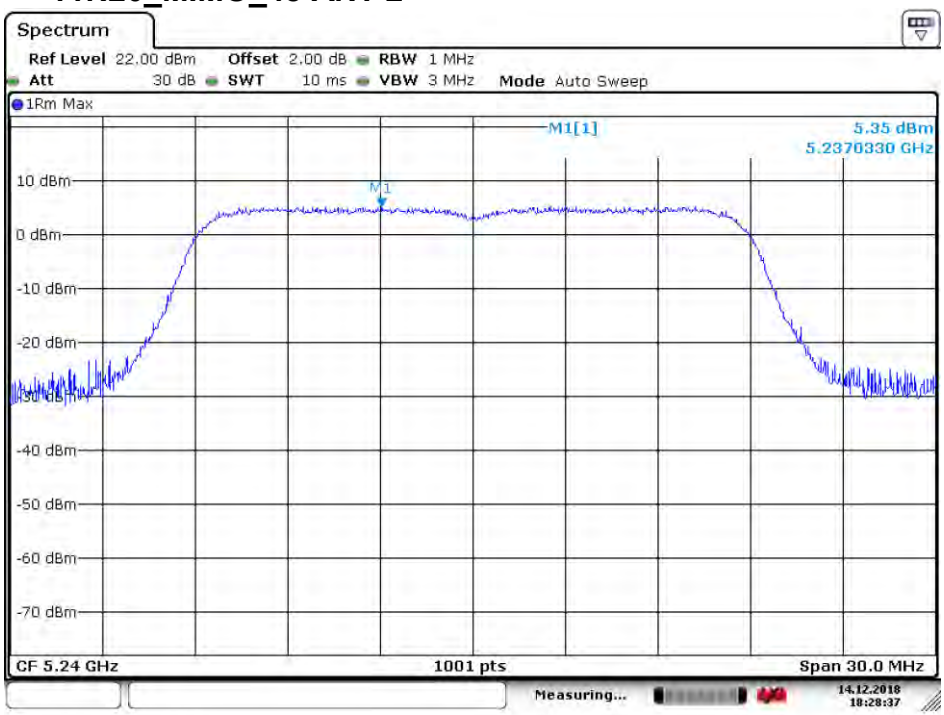
Date: 14.DEC.2018 18:29:40

4.7.1.197 11N20_MIMO_44 ANT 2



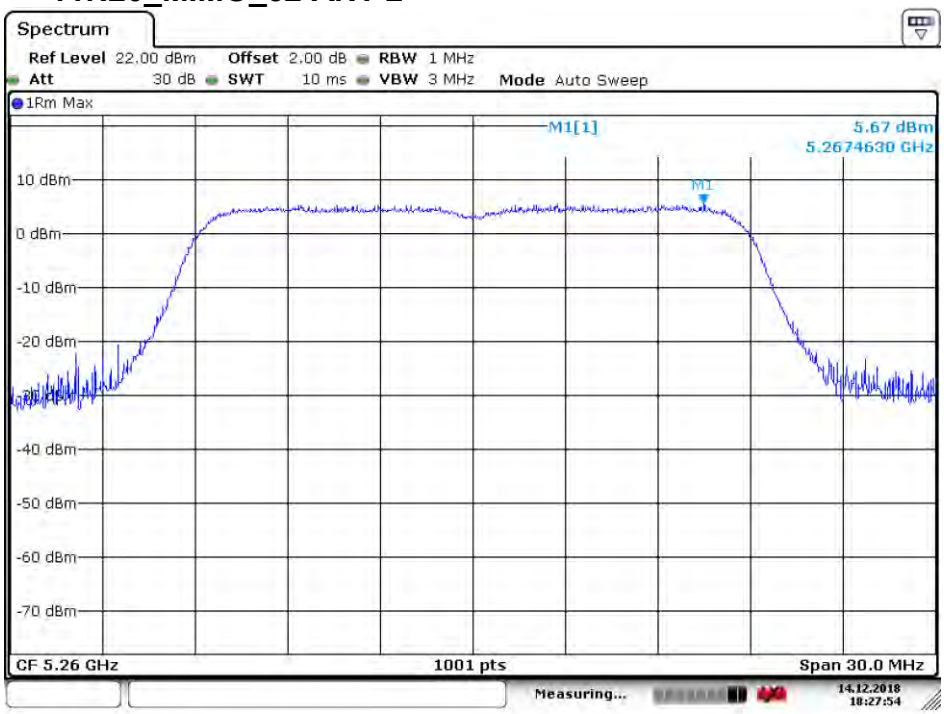
Date: 14.DEC.2018 18:29:06

4.7.1.198 11N20_MIMO_48 ANT 2



Date: 14.DEC.2018 18:28:37

4.7.1.199 11N20_MIMO_52 ANT 2

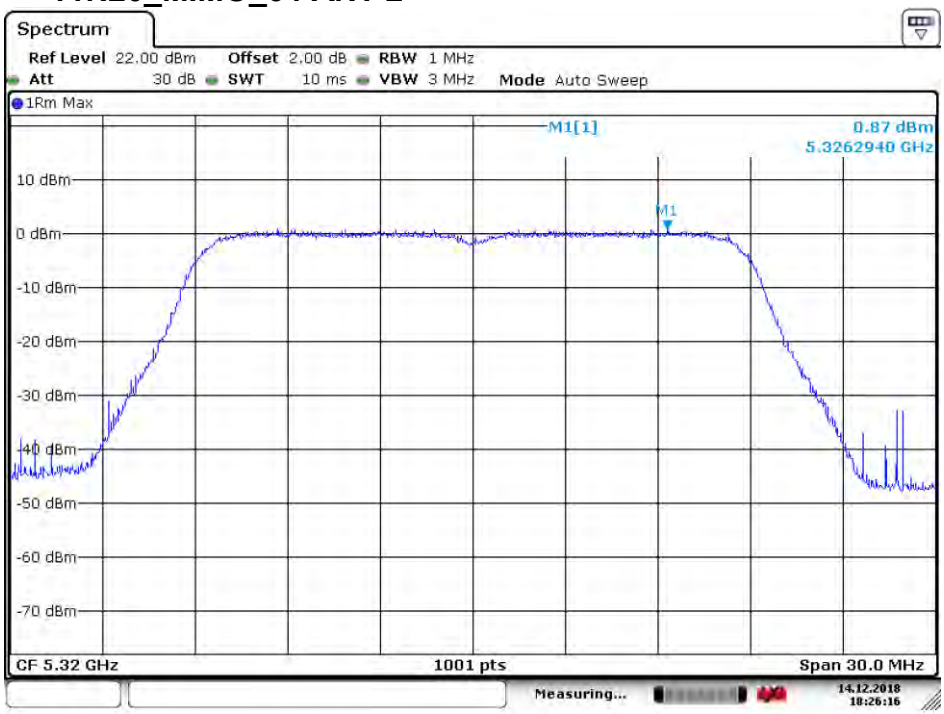


Date: 14.DEC.2018 18:27:55

4.7.1.200 11N20_MIMO_60 ANT 2

Date: 14.DEC.2018 18:27:05

4.7.1.201 11N20_MIMO_64 ANT 2



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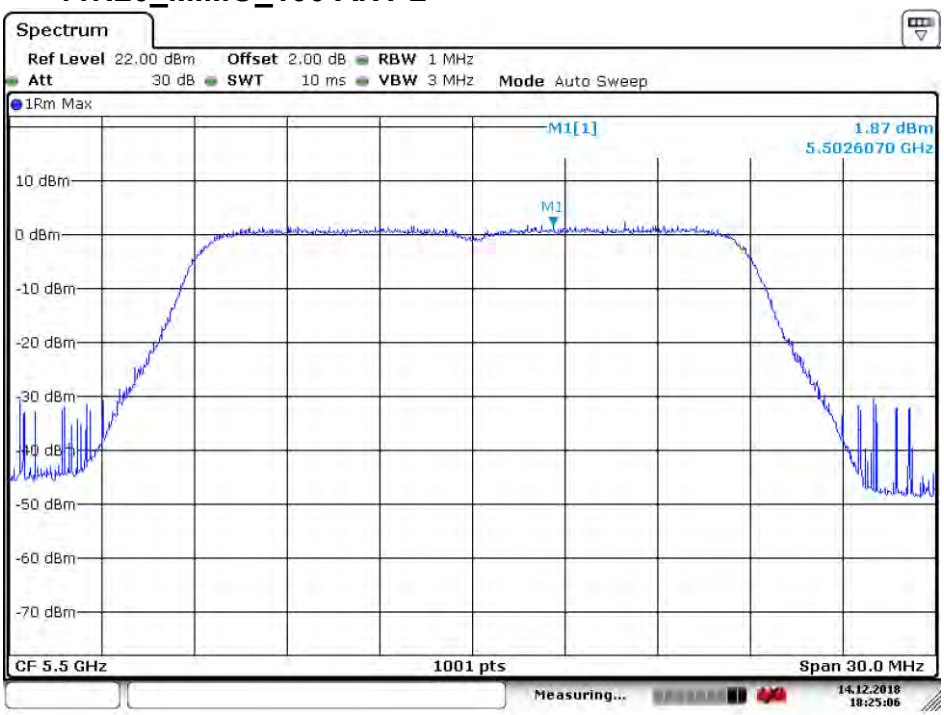
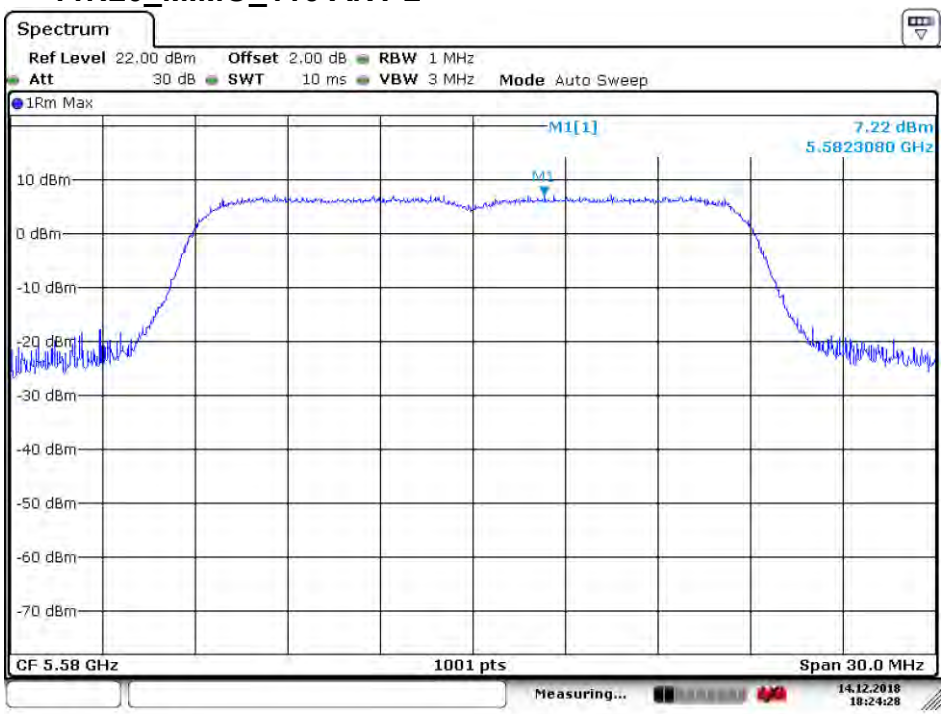
4.7.1.202 11N20_MIMO_100 ANT 2



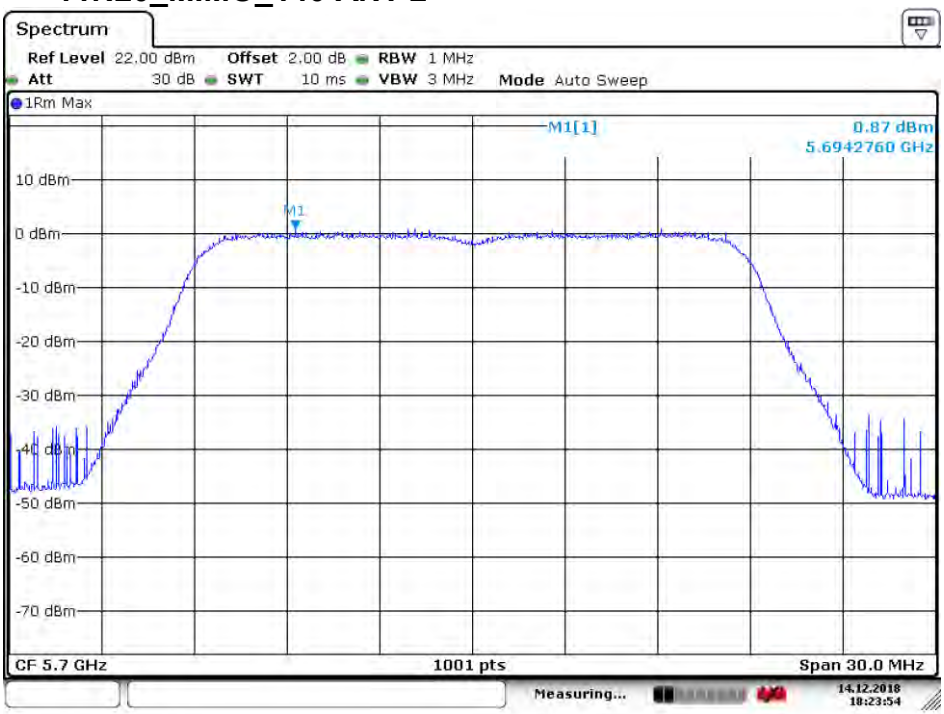
Date: 14.DEC.2018 18:25:07

4.7.1.203 11N20_MIMO_116 ANT 2



Date: 14.DEC.2018 18:24:28

4.7.1.204 11N20_MIMO_140 ANT 2



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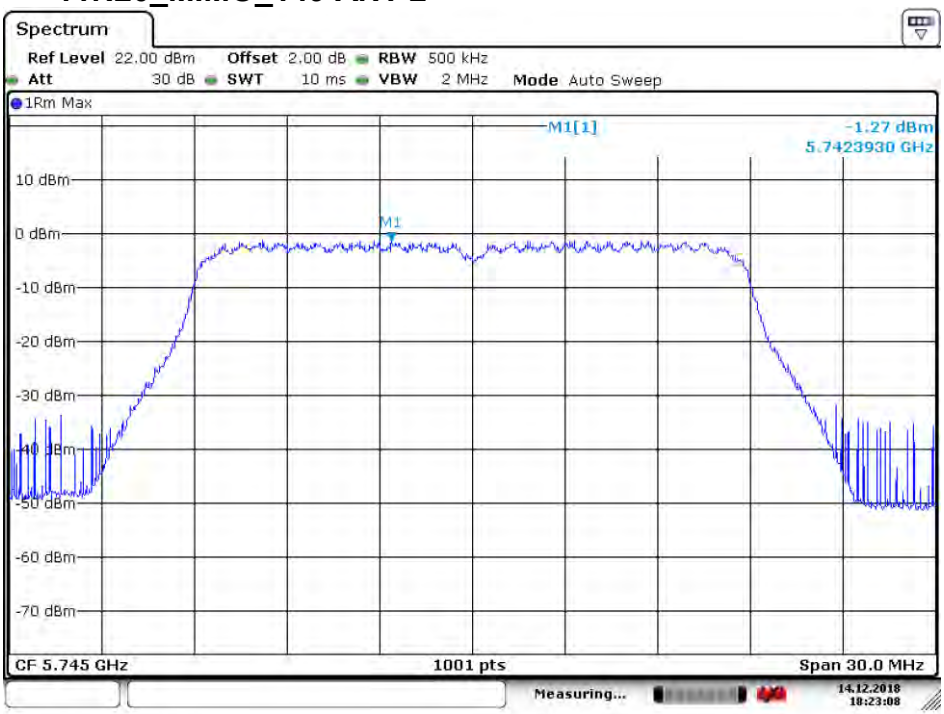
4.7.1.205 11N20_MIMO_149 ANT 2



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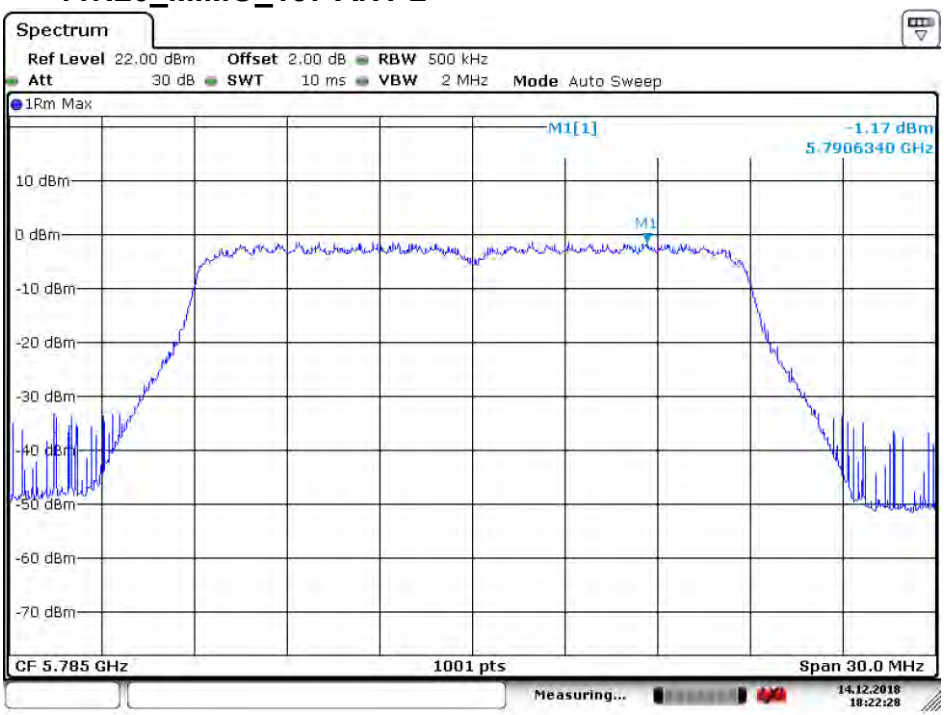
4.7.1.206 11N20_MIMO_157 ANT 2



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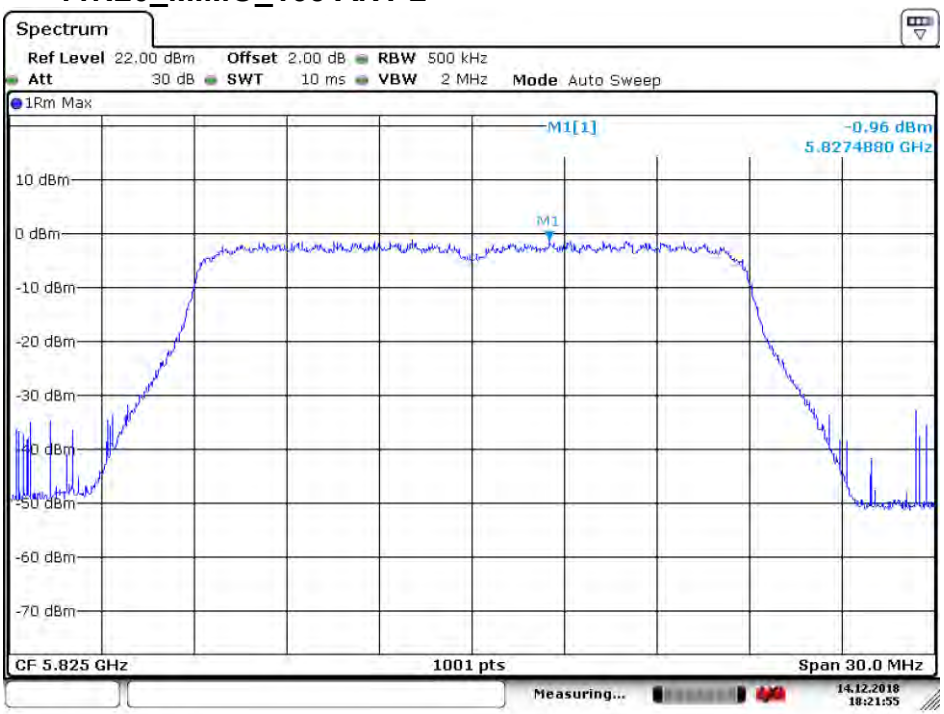
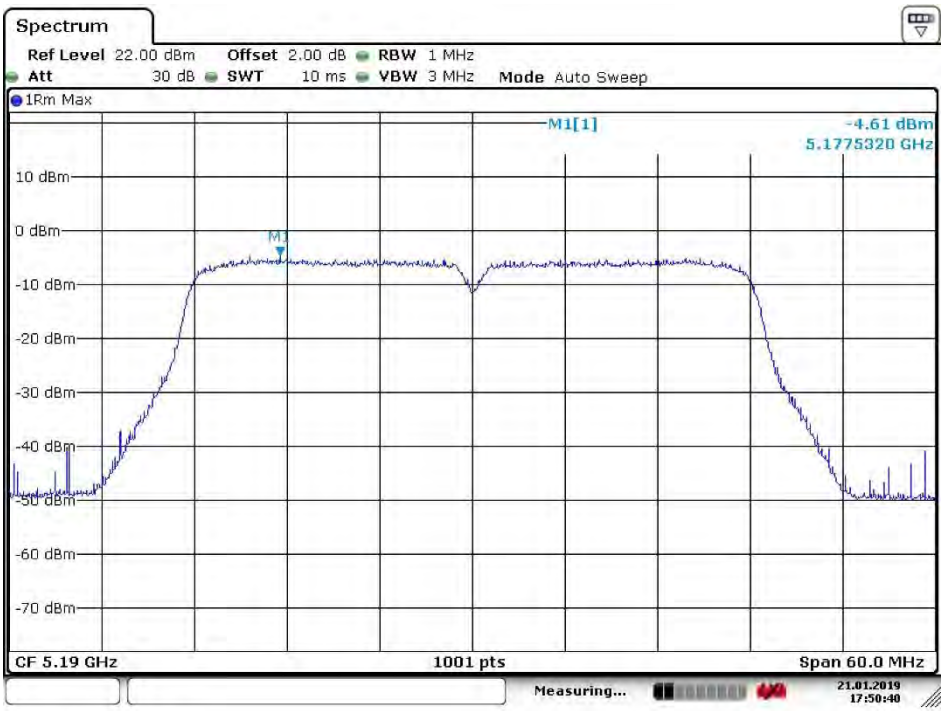
4.7.1.207 11N20_MIMO_165 ANT 2



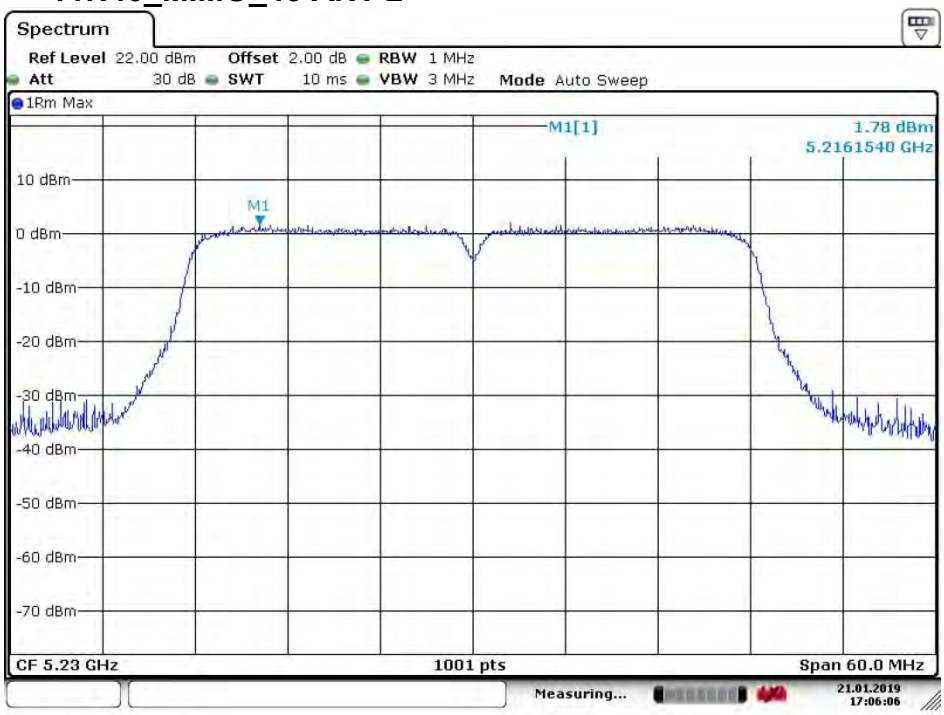
Date: 14.DEC.2018 18:21:55

4.7.1.208 11N40_MIMO_38 ANT 2



Date: 21.JAN.2019 17:50:40

4.7.1.209 11N40_MIMO_46 ANT 2



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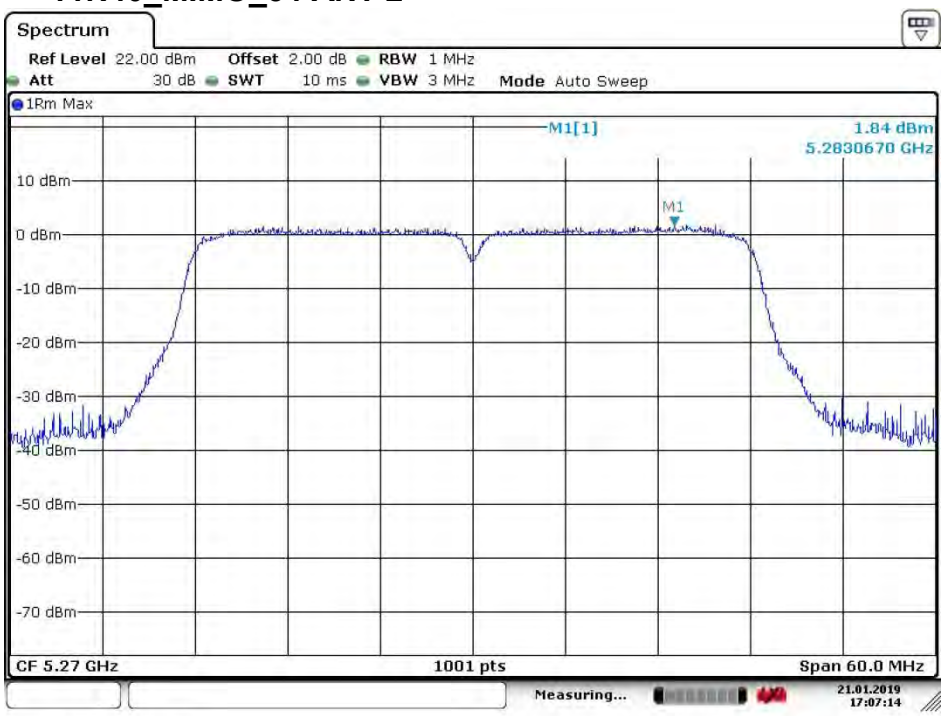
4.7.1.210 11N40_MIMO_54 ANT 2



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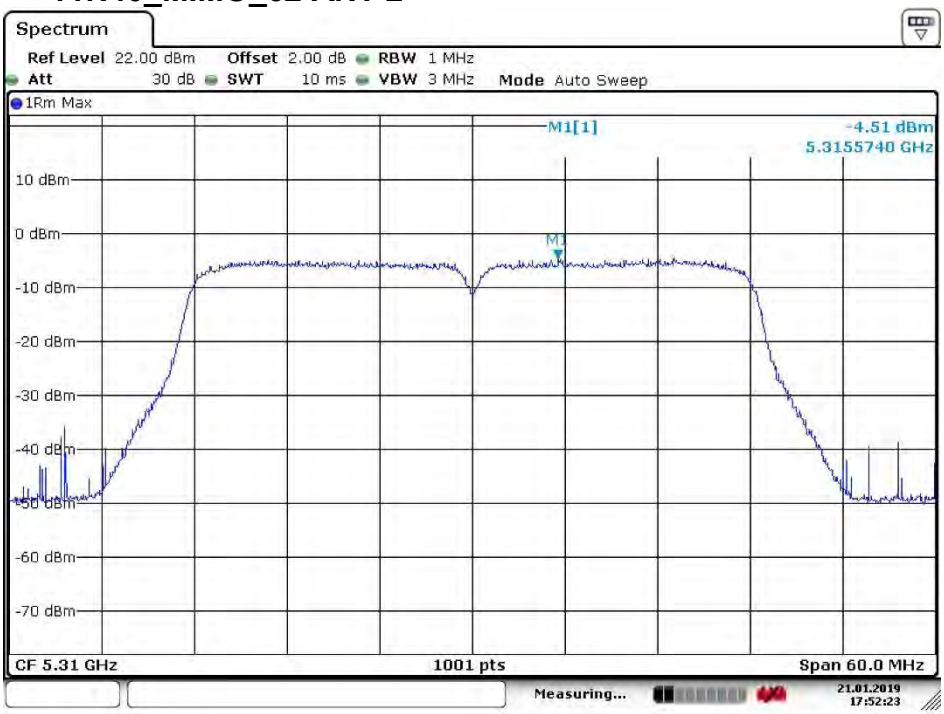
4.7.1.211 11N40_MIMO_62 ANT 2



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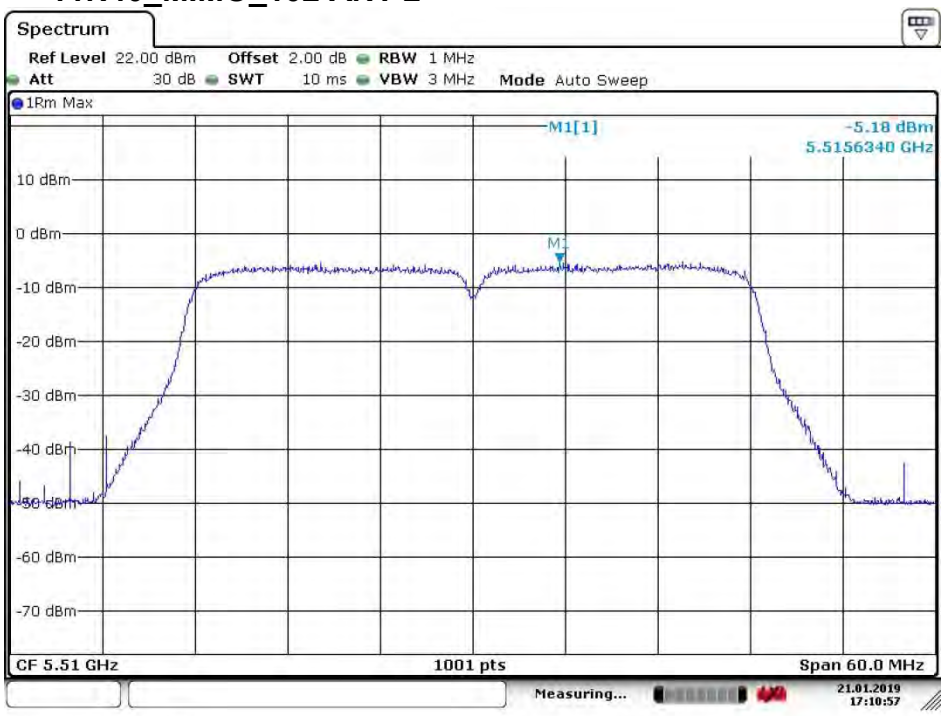
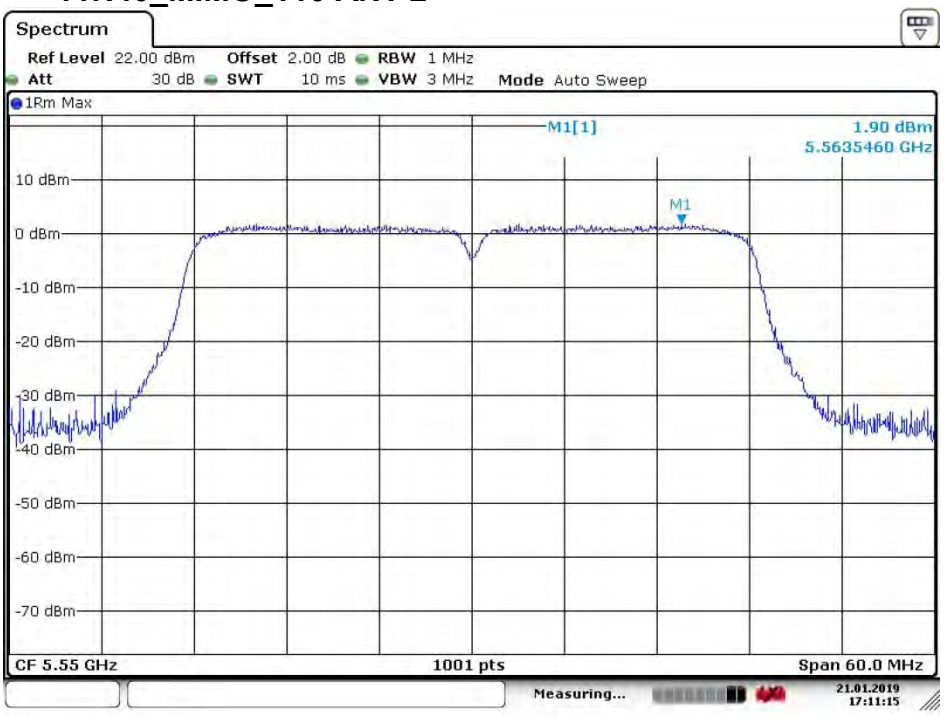
4.7.1.212 11N40_MIMO_102 ANT 2



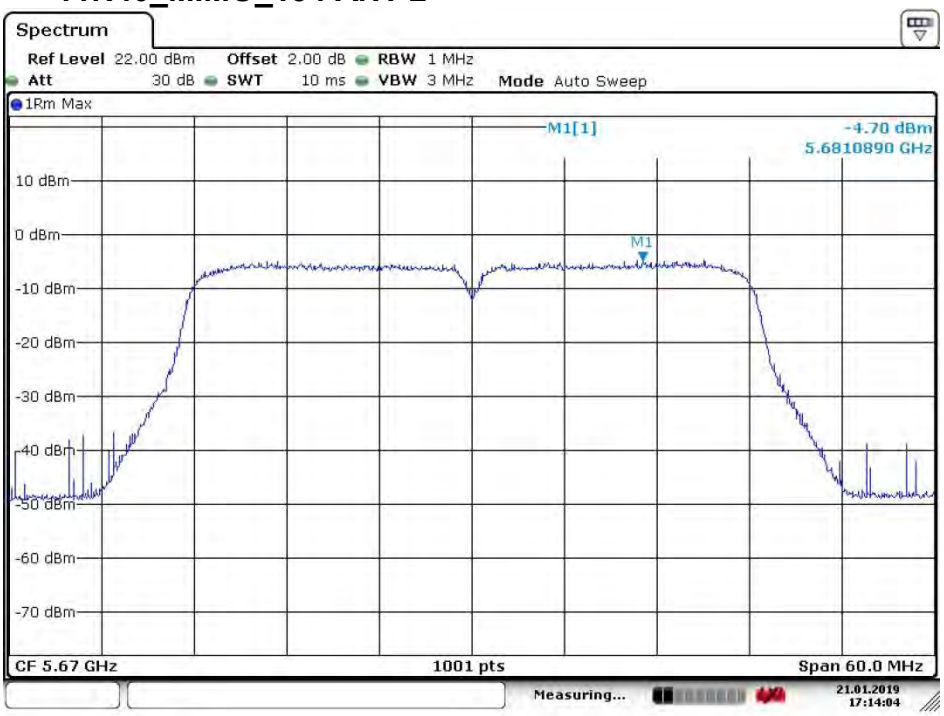
Date: 21.JAN.2019 17:10:57

4.7.1.213 11N40_MIMO_110 ANT 2



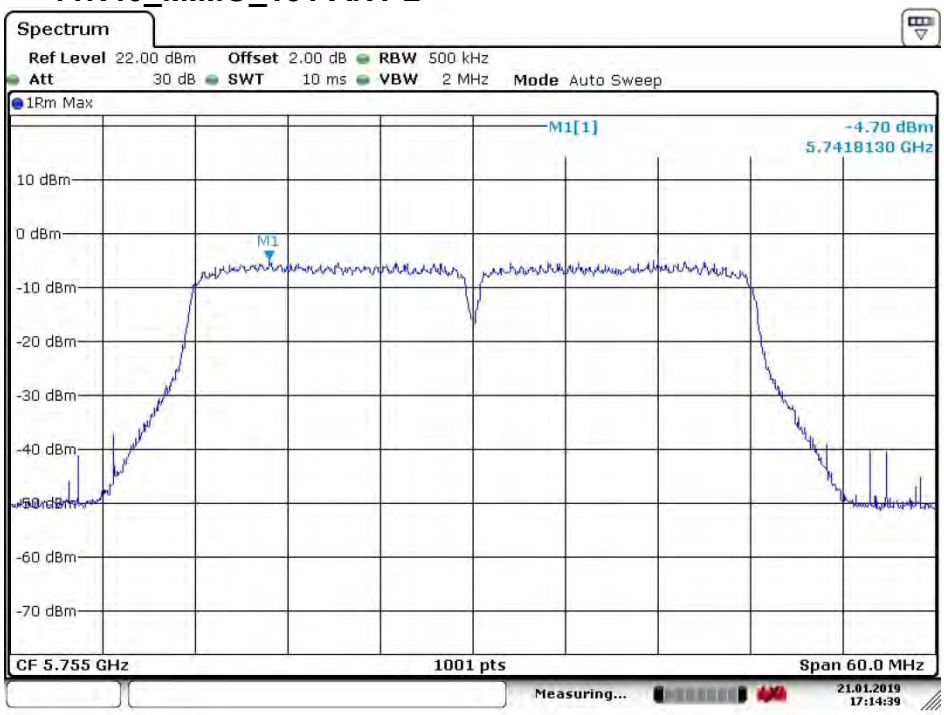
Date: 21.JAN.2019 17:11:15

4.7.1.214 11N40_MIMO_134 ANT 2



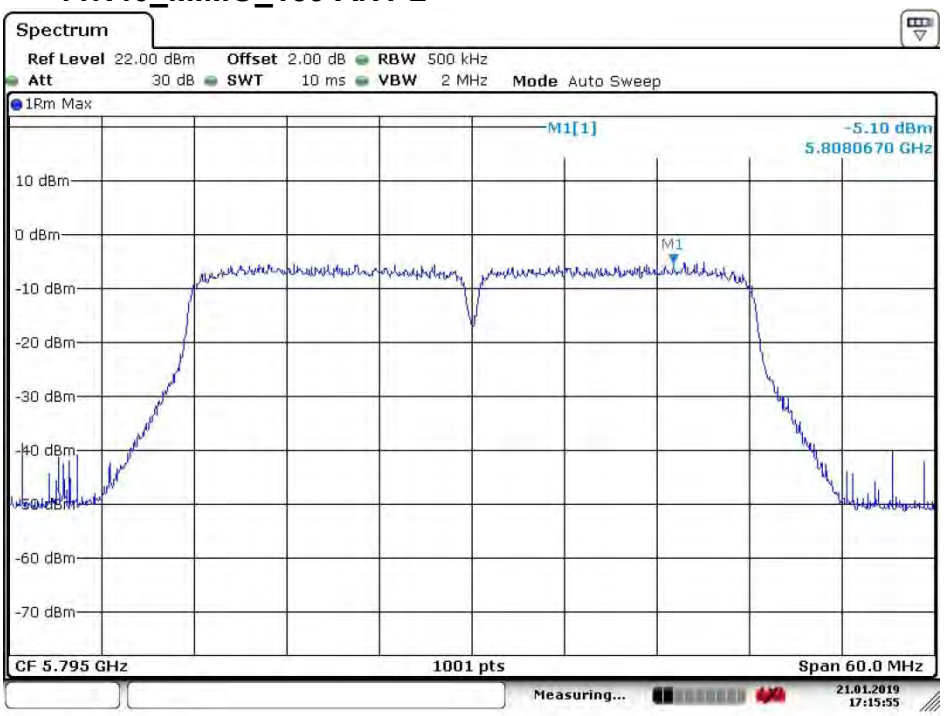
Date: 21.JAN.2019 17:14:05

4.7.1.215 11N40_MIMO_151 ANT 2



Date: 21.JAN.2019 17:14:39

4.7.1.216 11N40_MIMO_159 ANT 2



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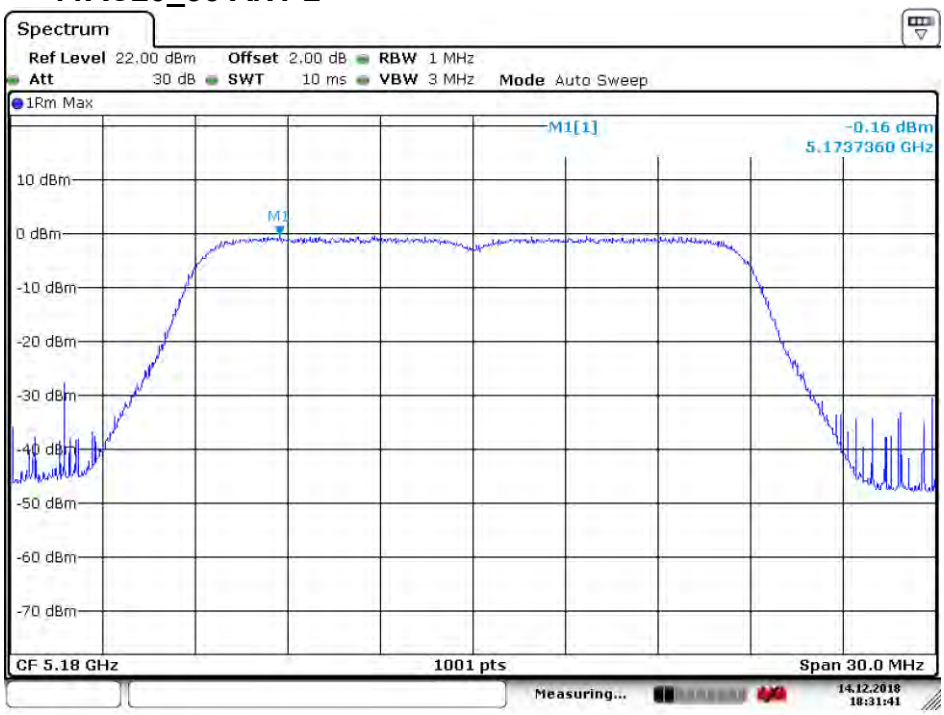
4.7.1.217 11AC20_36 ANT 2



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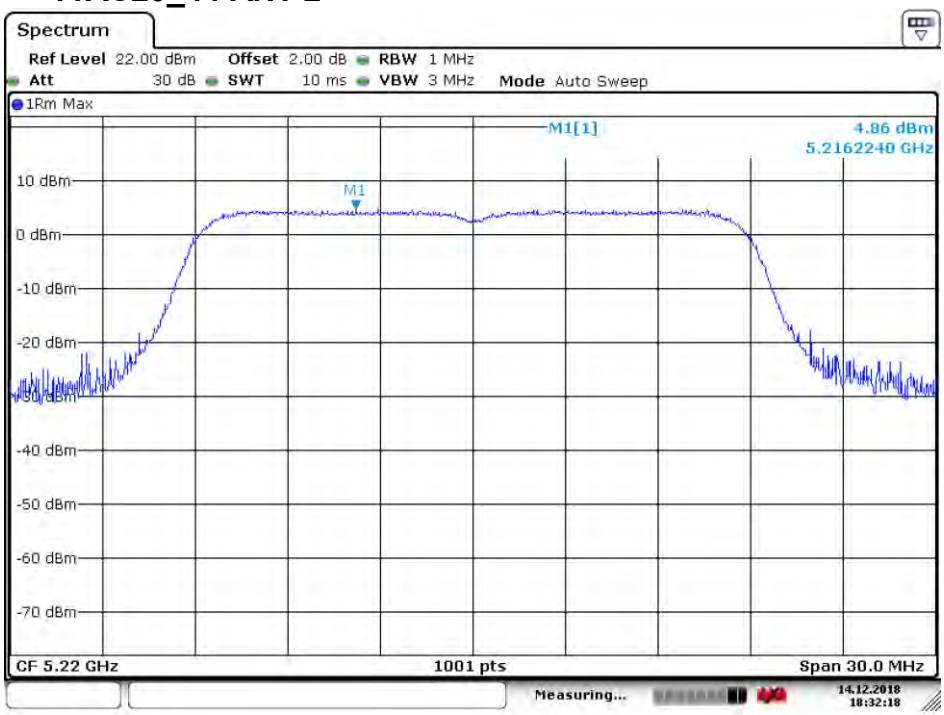
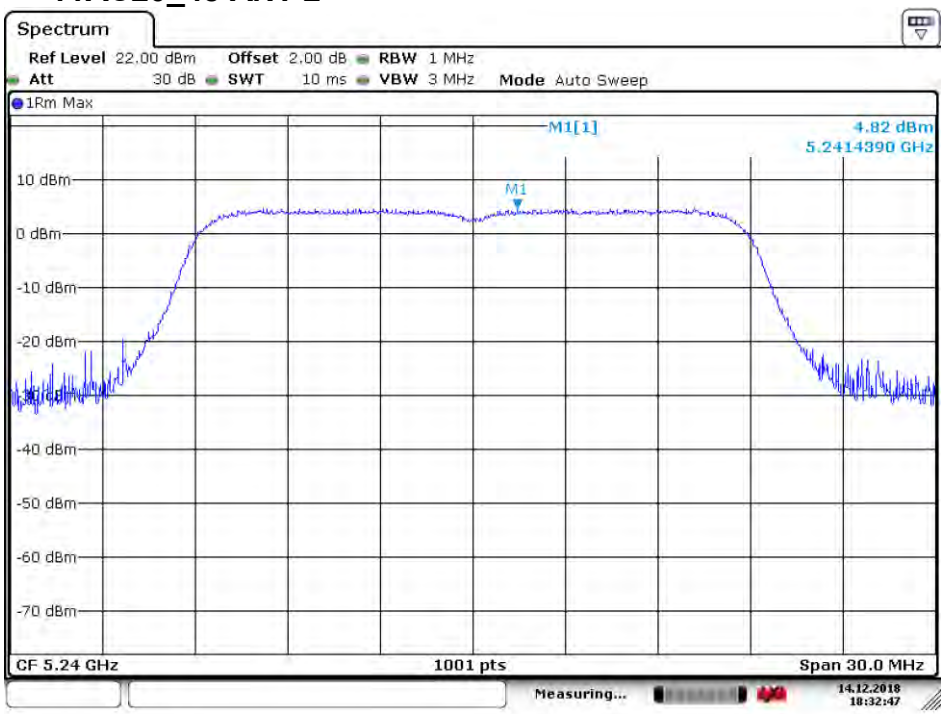
4.7.1.218 11AC20_44 ANT 2



Date: 14.DEC.2018 18:32:19

4.7.1.219 11AC20_48 ANT 2



Date: 14.DEC.2018 18:32:48

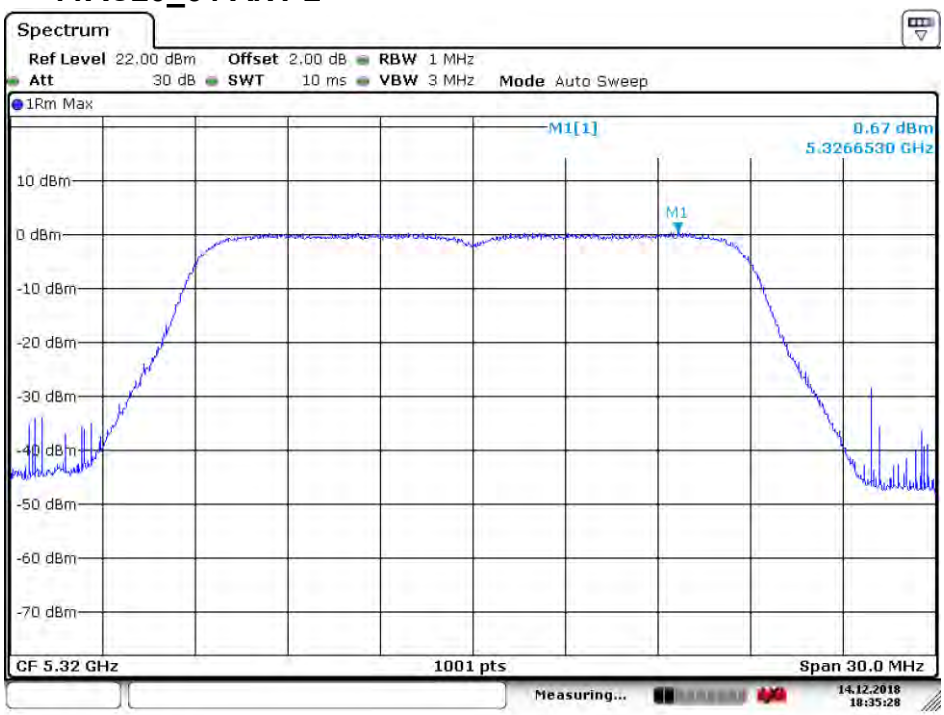
4.7.1.220 11AC20_52 ANT 2

Date: 14.DEC.2018 18:33:47

4.7.1.221 11AC20_60 ANT 2

Date: 14.DEC.2018 18:34:45

4.7.1.222 11AC20_64 ANT 2

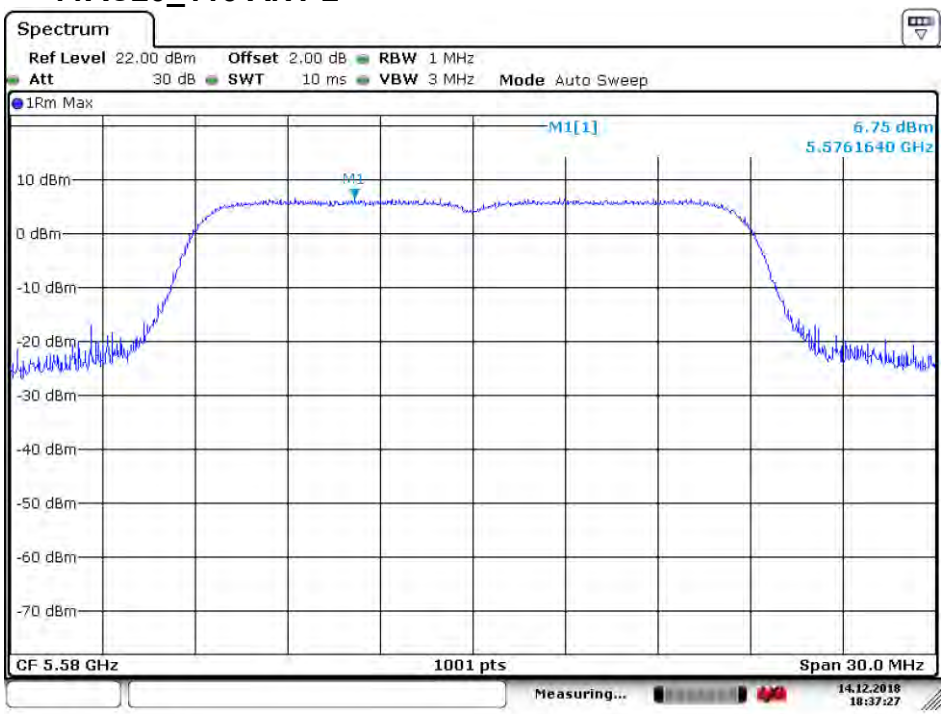


Date: 14.DEC.2018 18:35:28

4.7.1.223 11AC20_100 ANT 2

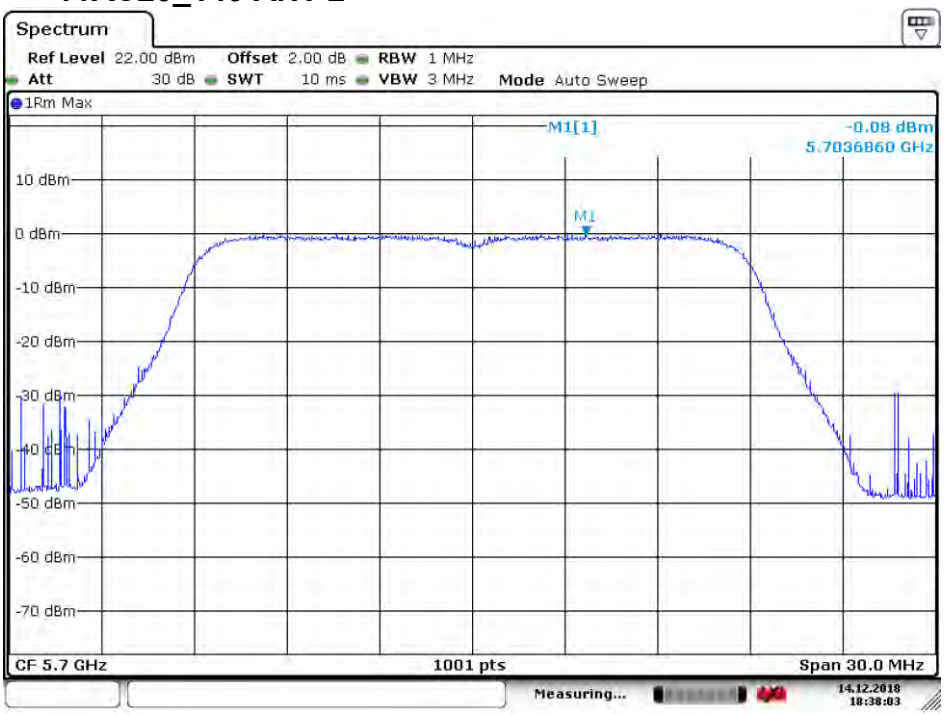
Date: 14.DEC.2018 18:36:21

4.7.1.224 11AC20_116 ANT 2



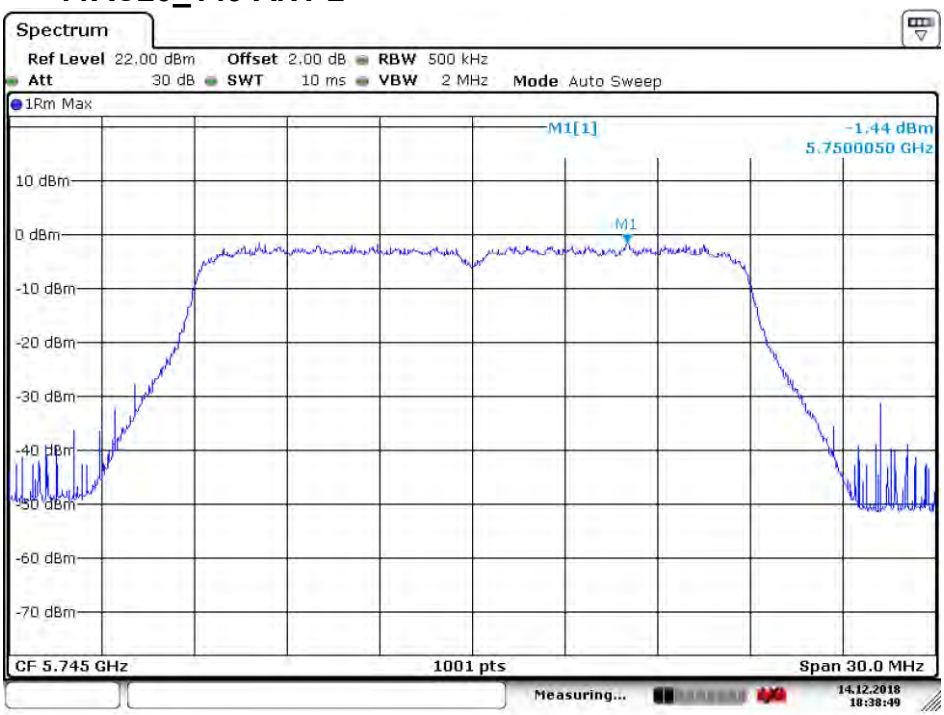
Date: 14.DEC.2018 18:37:27

4.7.1.225 11AC20_140 ANT 2



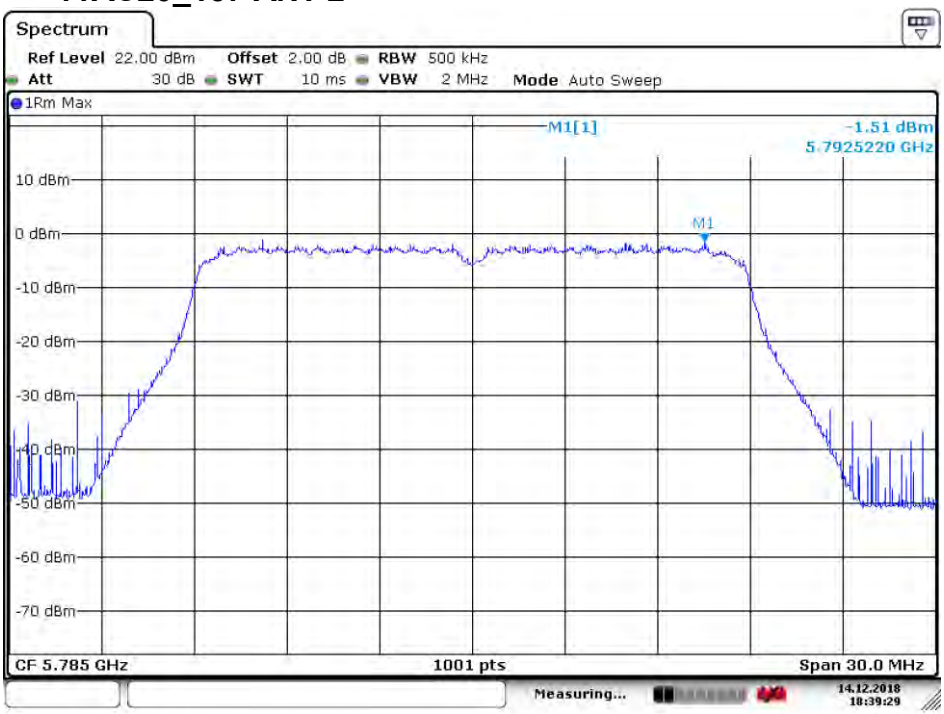
Date: 14.DEC.2018 18:38:04

4.7.1.226 11AC20_149 ANT 2



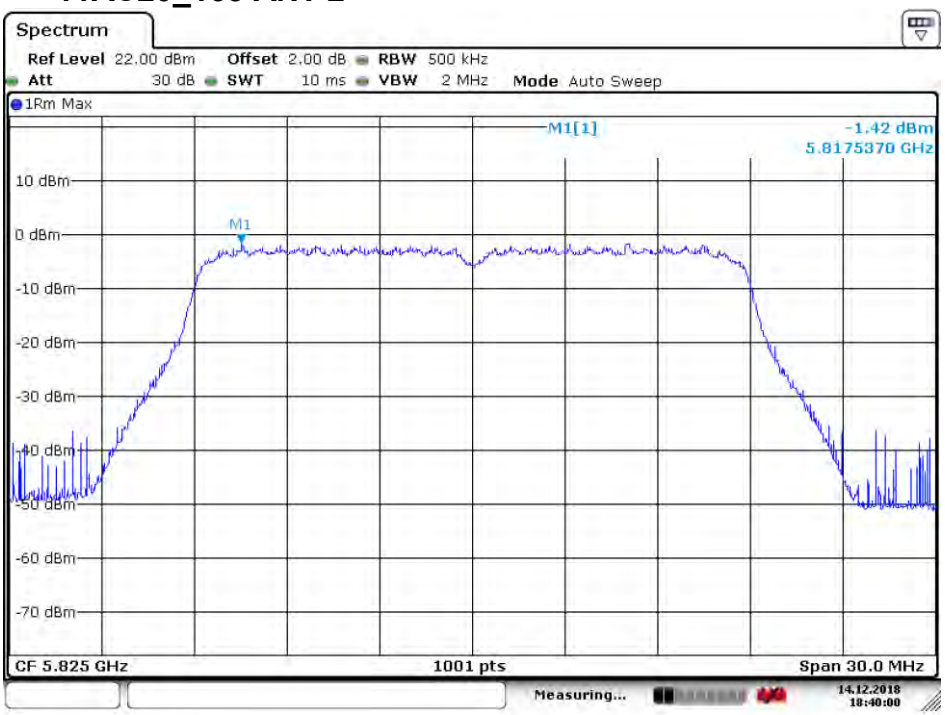
Date: 14.DEC.2018 18:38:49

4.7.1.227 11AC20_157 ANT 2



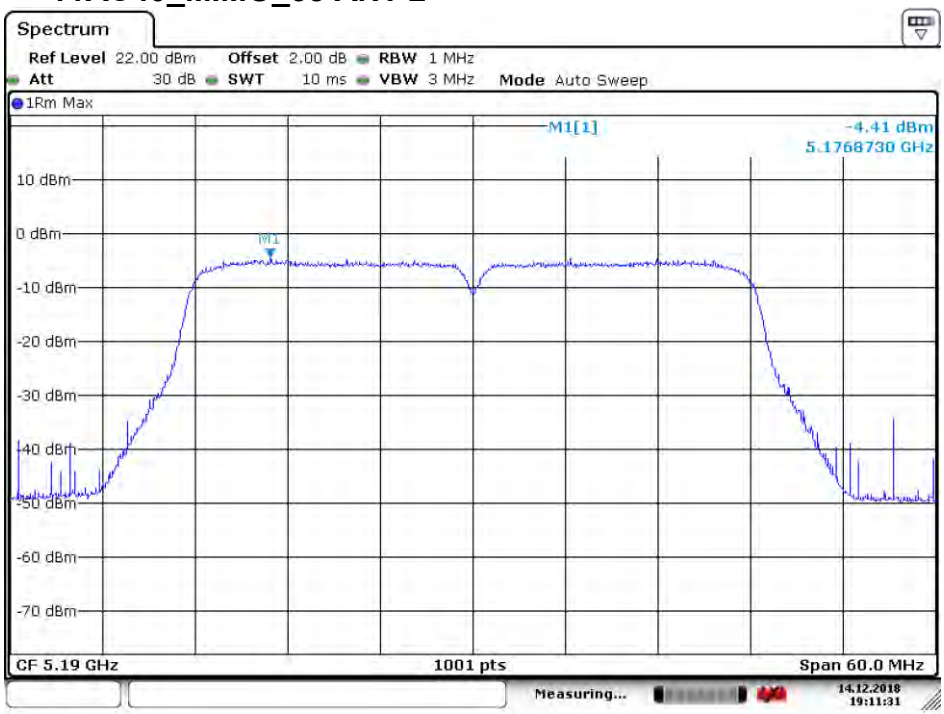
Date: 14.DEC.2018 18:39:30

4.7.1.228 11AC20_165 ANT 2



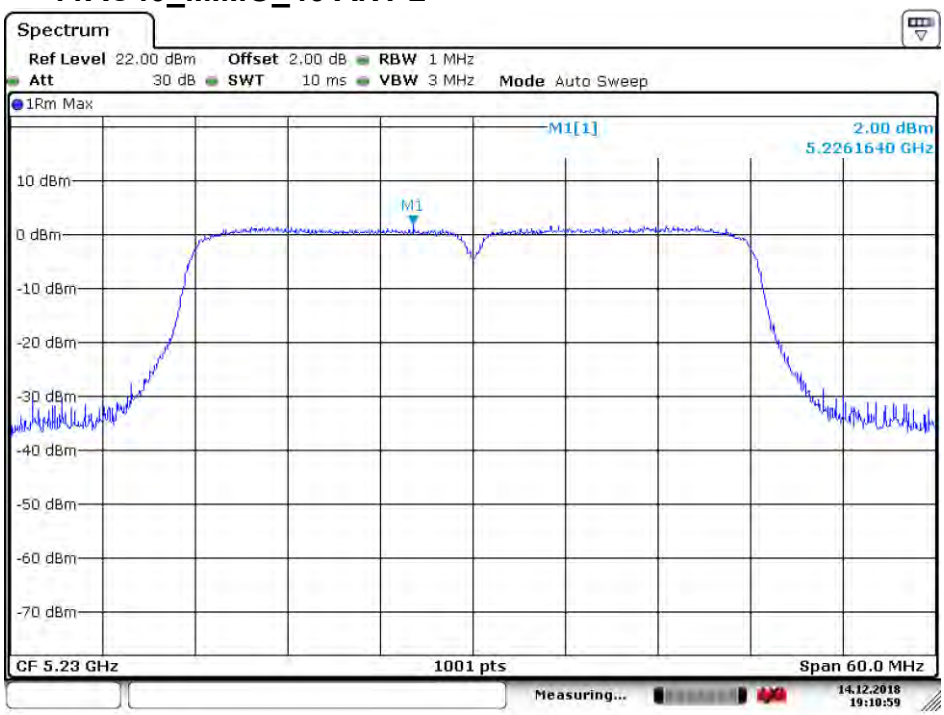
Date: 14.DEC.2018 18:40:00

4.7.1.229 11AC40_MIMO_38 ANT 2



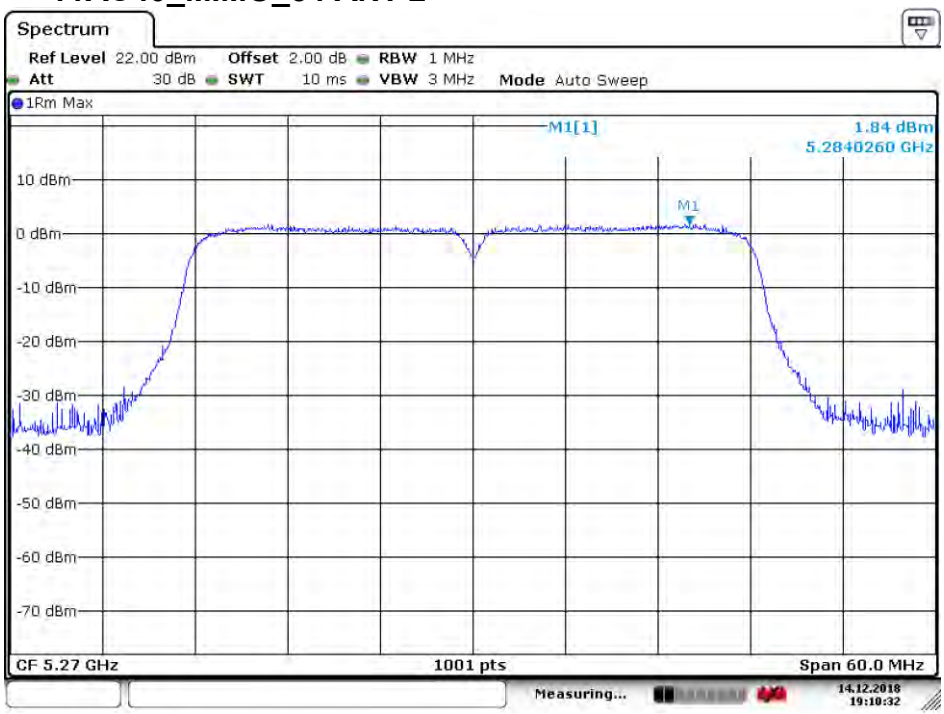
Date: 14.DEC.2018 19:11:31

4.7.1.230 11AC40_MIMO_46 ANT 2



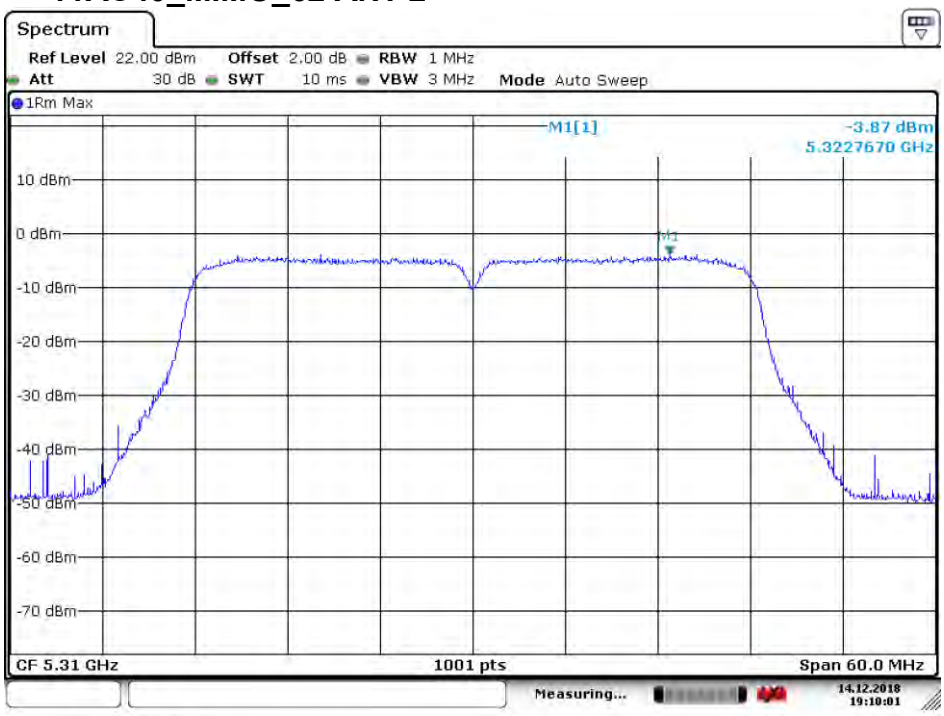
Date: 14.DEC.2018 19:10:59

4.7.1.231 11AC40_MIMO_54 ANT 2



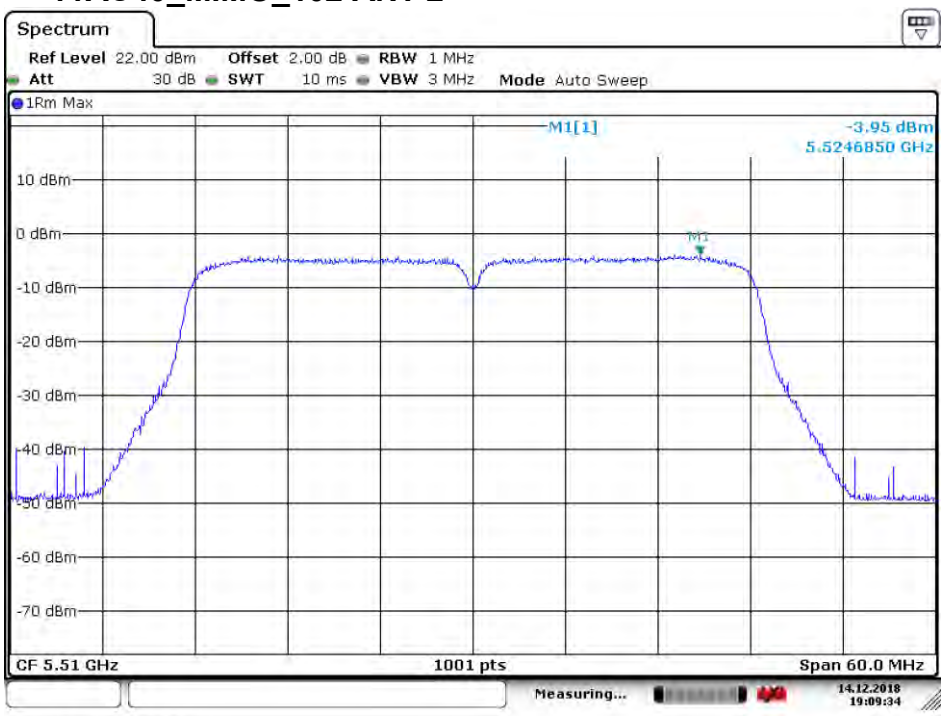
Date: 14.DEC.2018 19:10:32

4.7.1.232 11AC40_MIMO_62 ANT 2



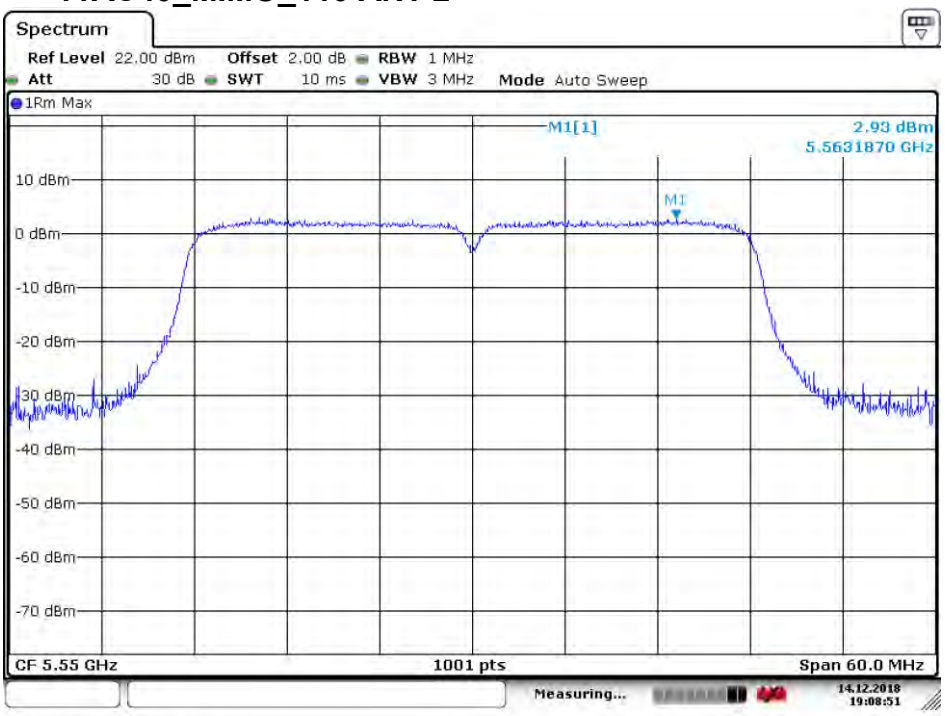
Date: 14.DEC.2018 19:10:01

4.7.1.233 11AC40_MIMO_102 ANT 2



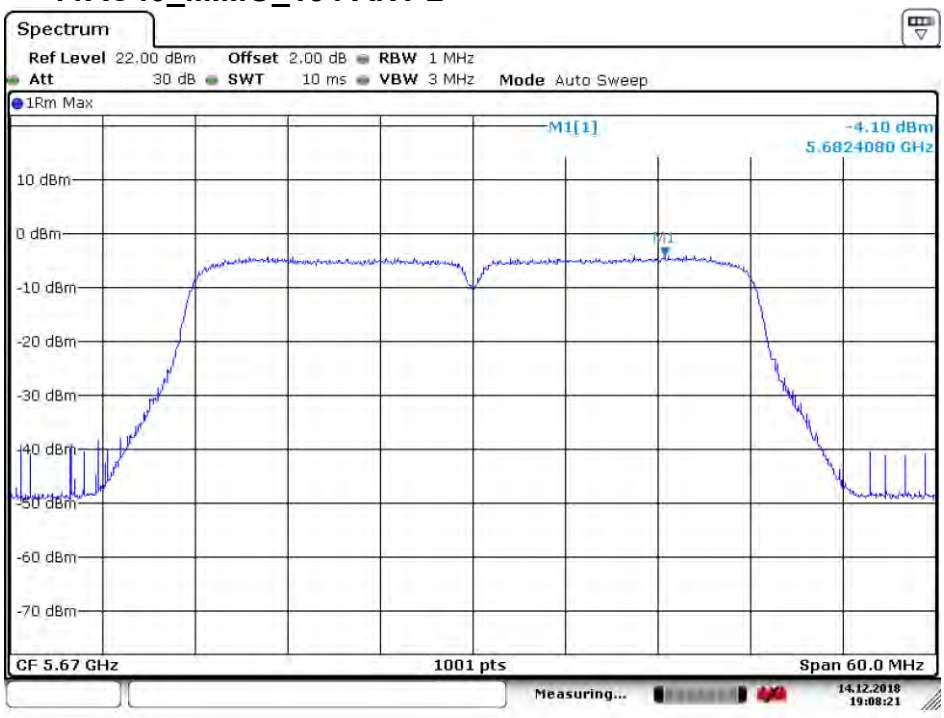
Date: 14.DEC.2018 19:09:34

4.7.1.234 11AC40_MIMO_110 ANT 2



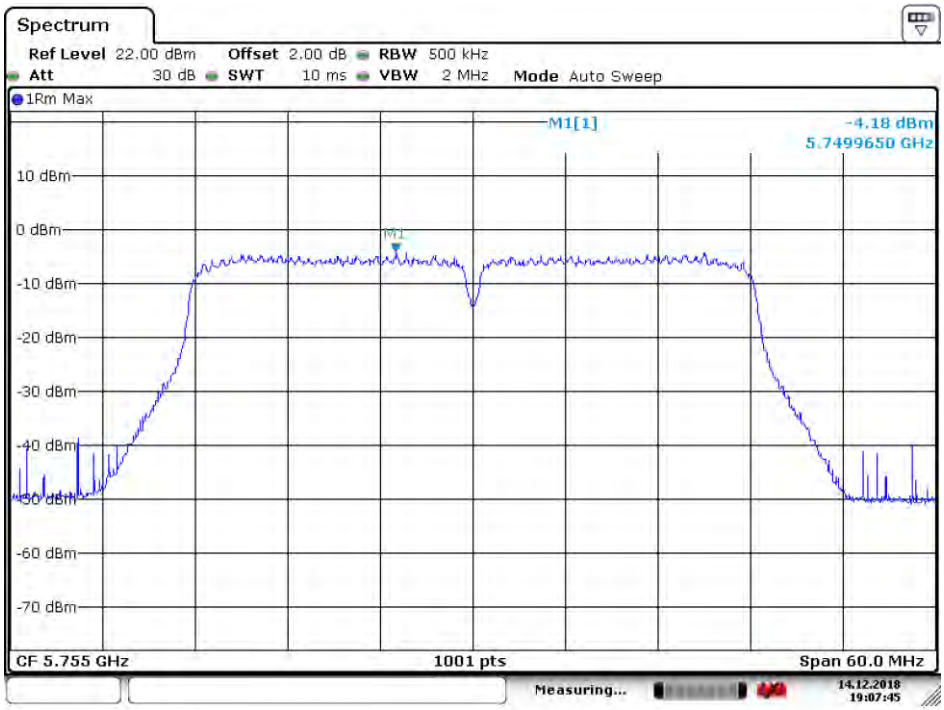
Date: 14.DEC.2018 19:08:51

4.7.1.235 11AC40_MIMO_134 ANT 2



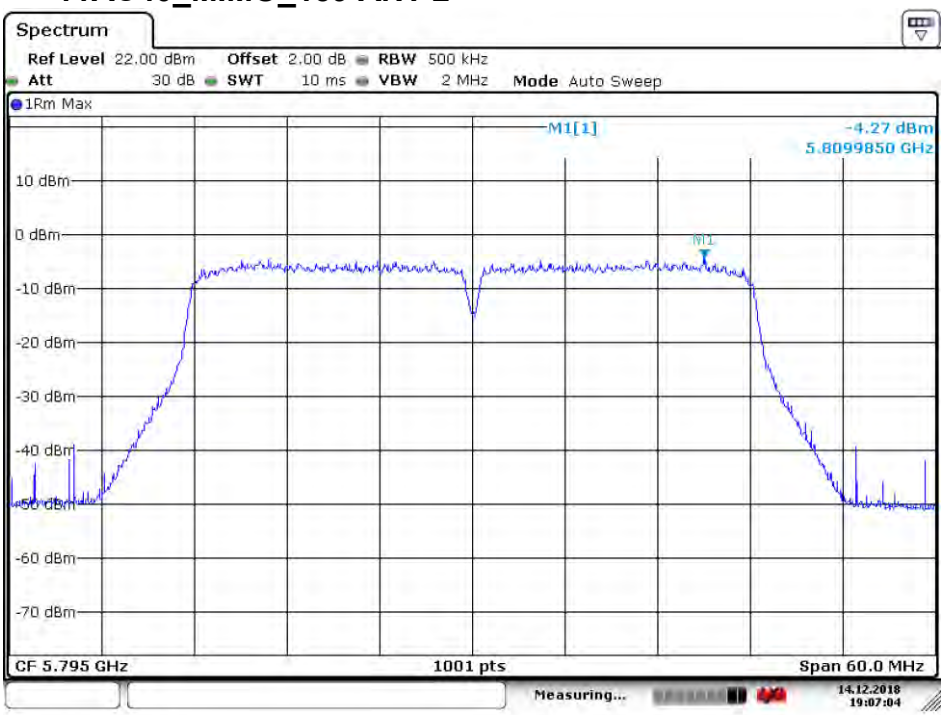
Date: 14.DEC.2018 19:08:21

4.7.1.236 11AC40_MIMO_151 ANT 2



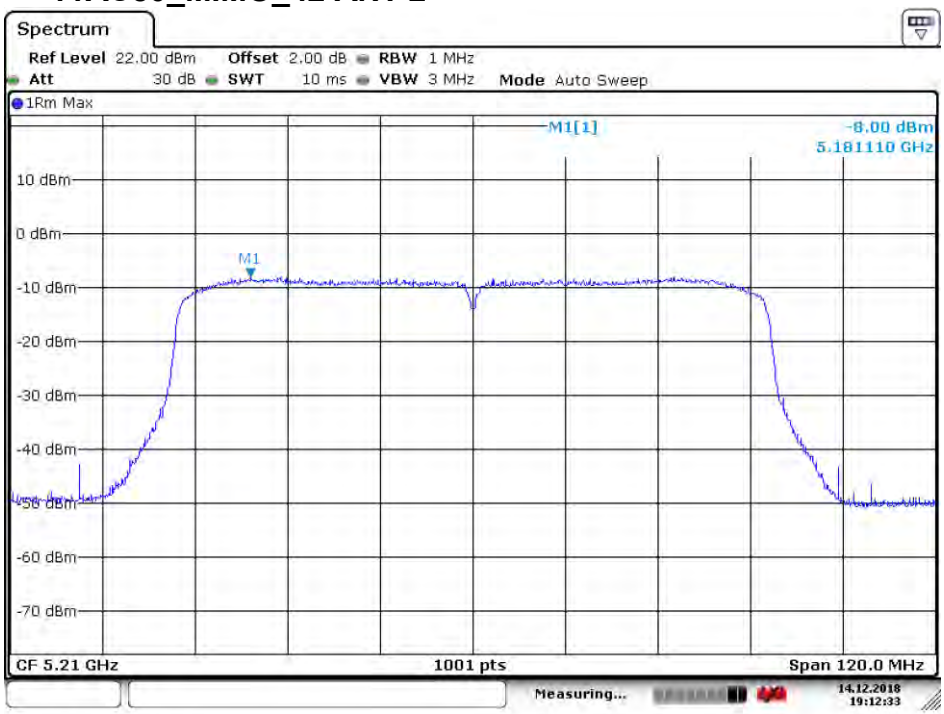
Date: 14.DEC.2018 19:07:45

4.7.1.237 11AC40_MIMO_159 ANT 2



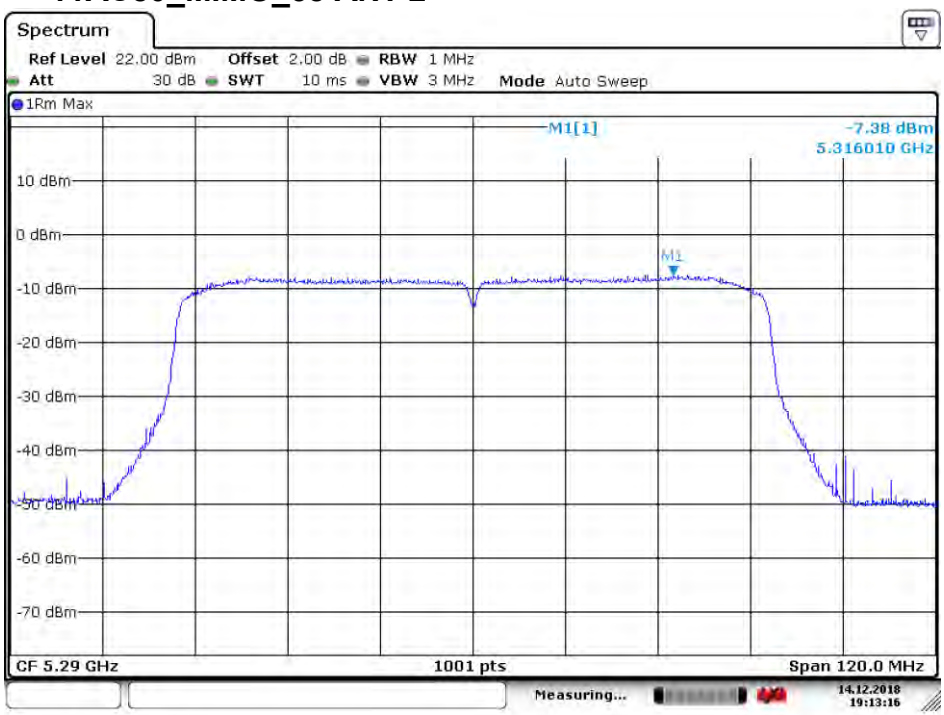
Date: 14.DEC.2018 19:07:04

4.7.1.238 11AC80_MIMO_42 ANT 2



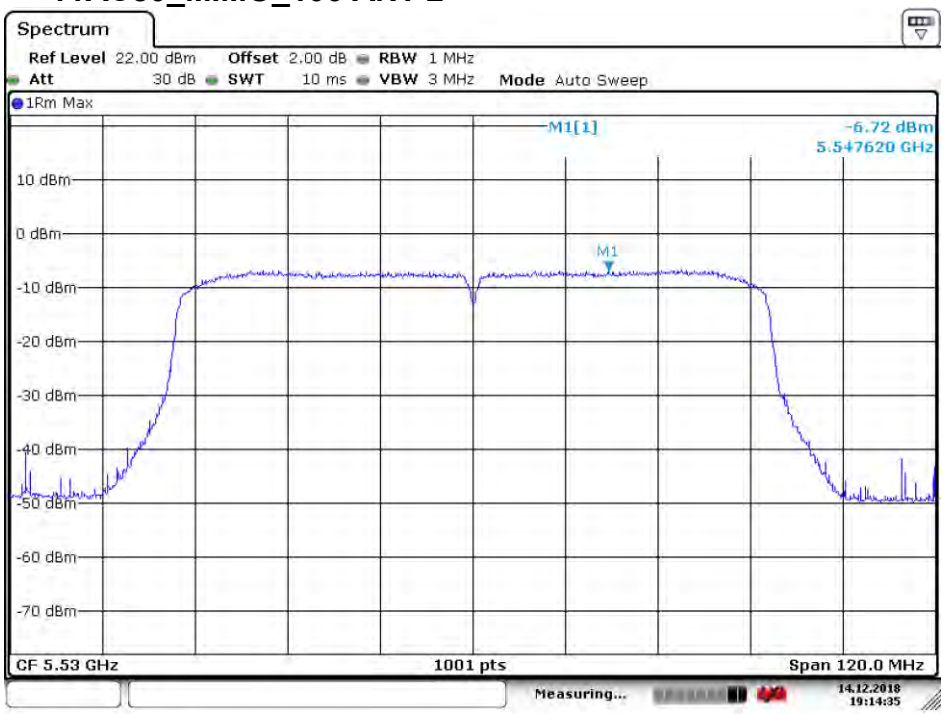
Date: 14.DEC.2018 19:12:33

4.7.1.239 11AC80_MIMO_58 ANT 2



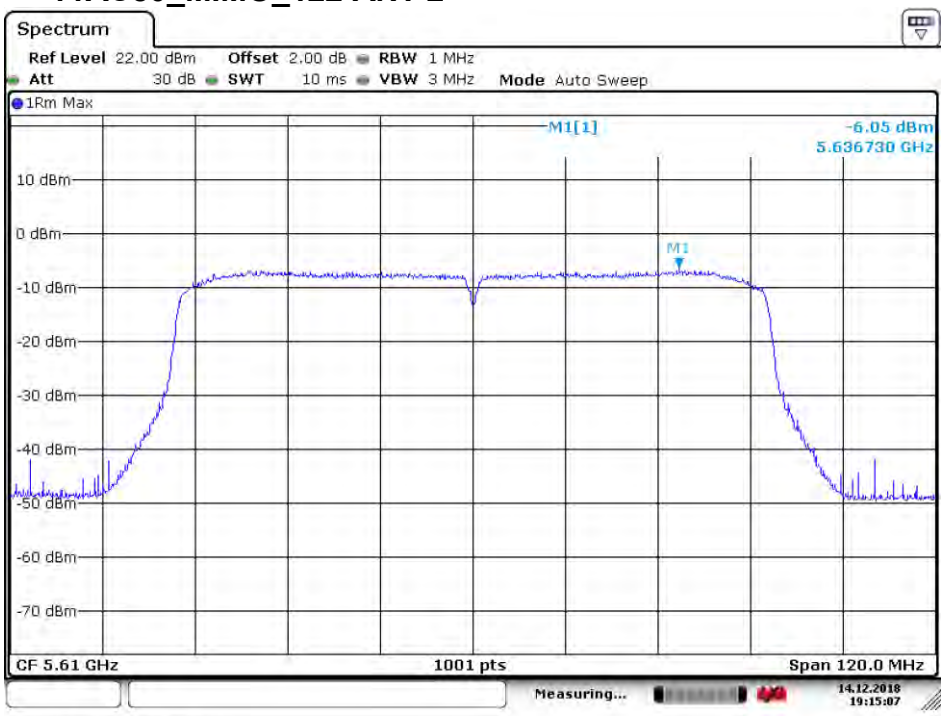
Date: 14.DEC.2018 19:13:16

4.7.1.240 11AC80_MIMO_106 ANT 2



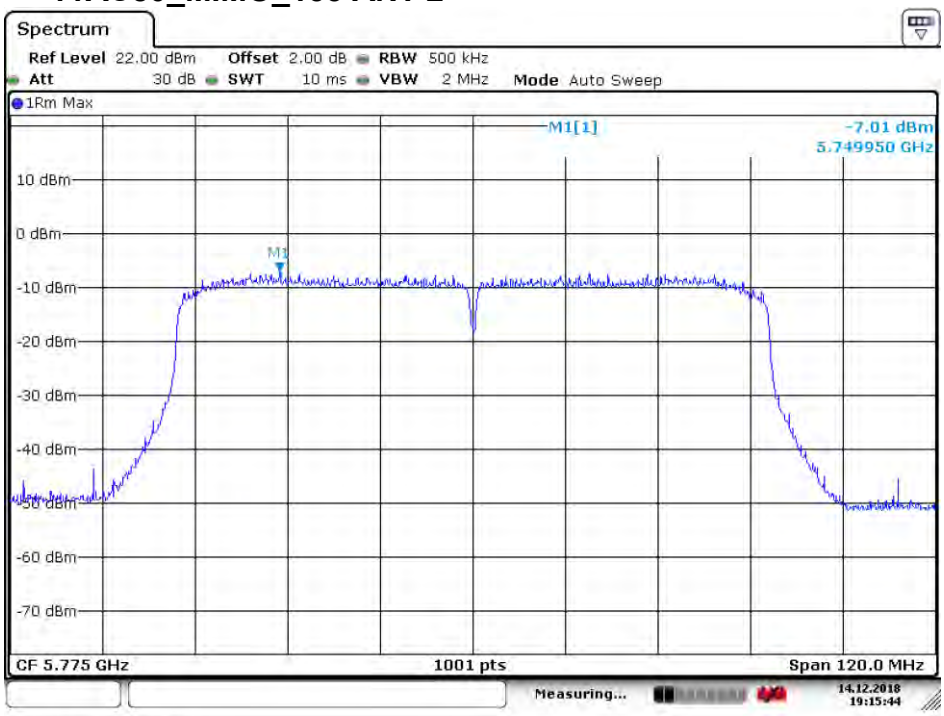
Date: 14.DEC.2018 19:14:36

4.7.1.241 11AC80_MIMO_122 ANT 2



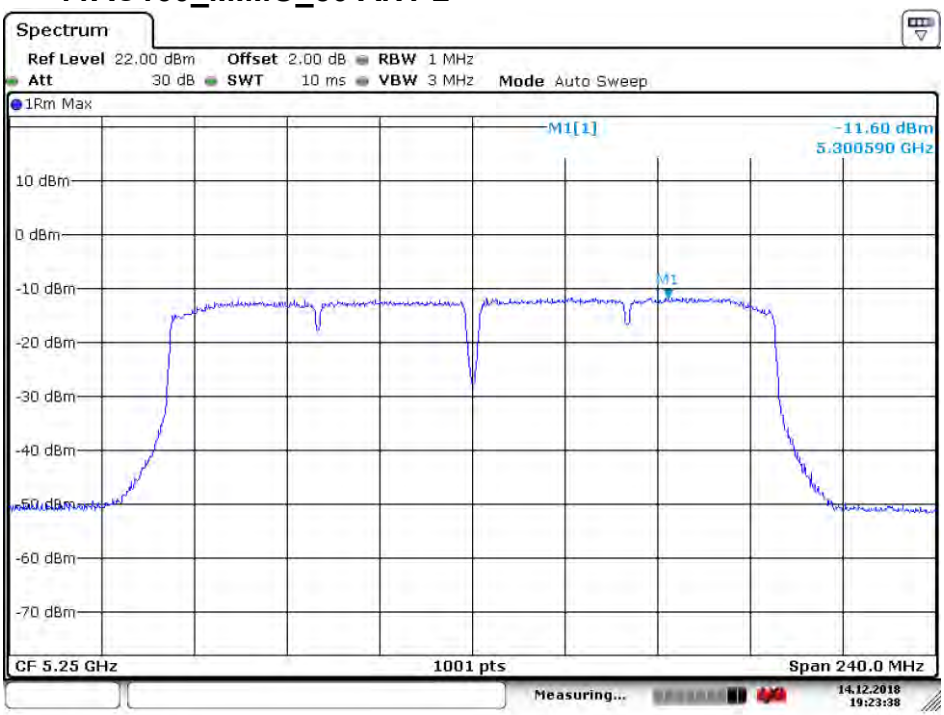
Date: 14.DEC.2018 19:15:07

4.7.1.242 11AC80_MIMO_155 ANT 2



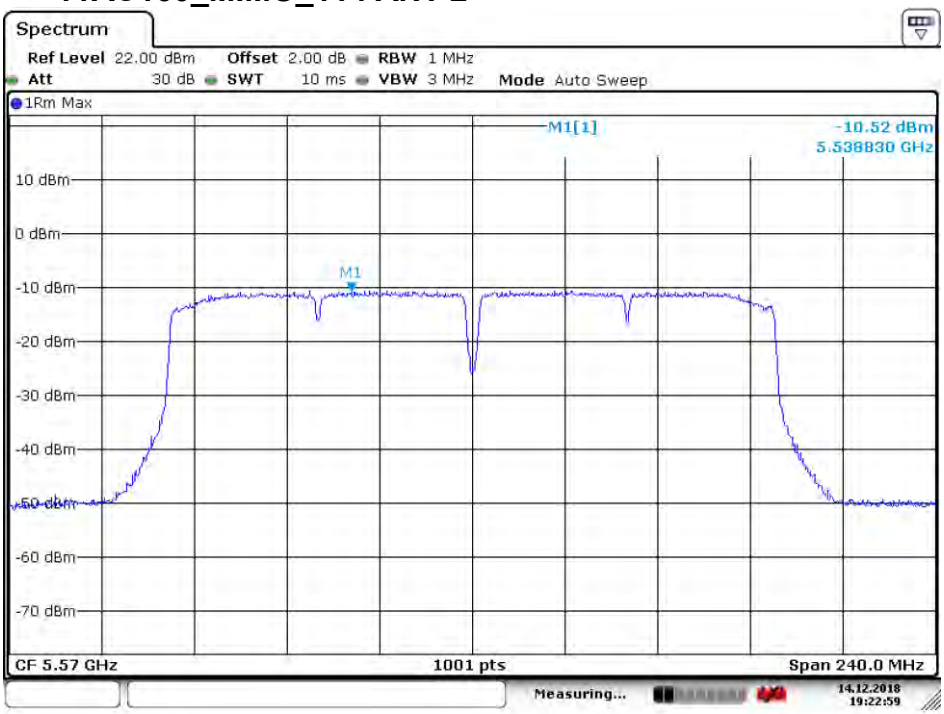
Date: 14.DEC.2018 19:15:44

4.7.1.243 11AC160_MIMO_50 ANT 2



Date: 14.DEC.2018 19:23:38

4.7.1.244 11AC160_MIMO_114 ANT 2



Date: 14.DEC.2018 19:23:00

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:	

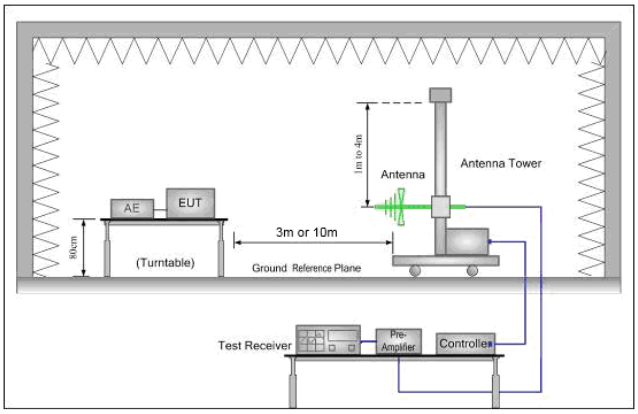


Figure 1. 30MHz to 1GHz

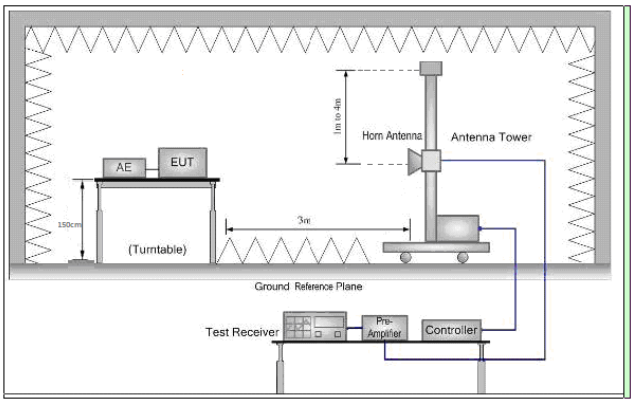


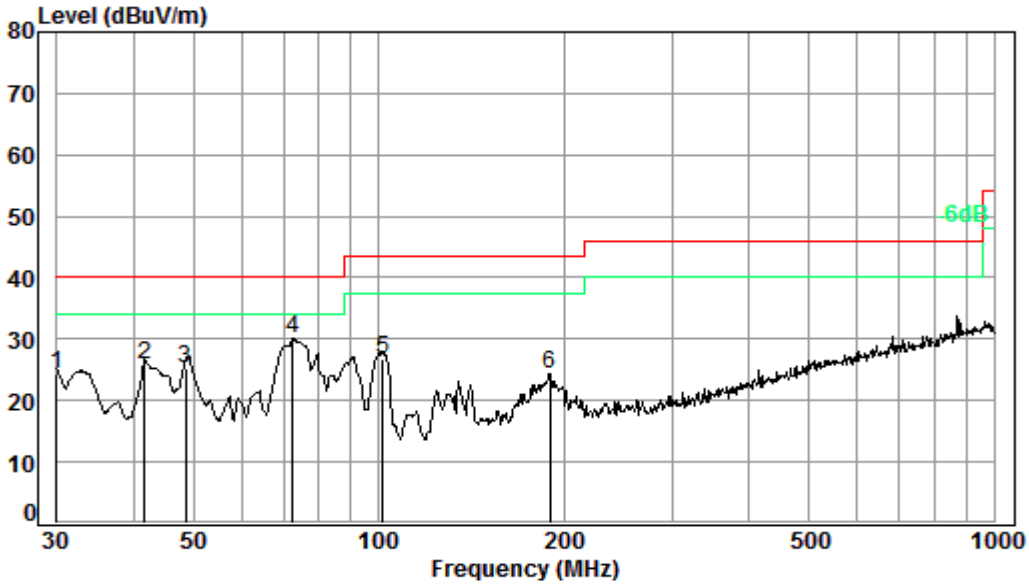
Figure 2. Above 1 GHz

Test Procedure:	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 camber. 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 camber. 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.
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); MCSAC0 of rate is the worst case of 802.11ac(HT160) 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

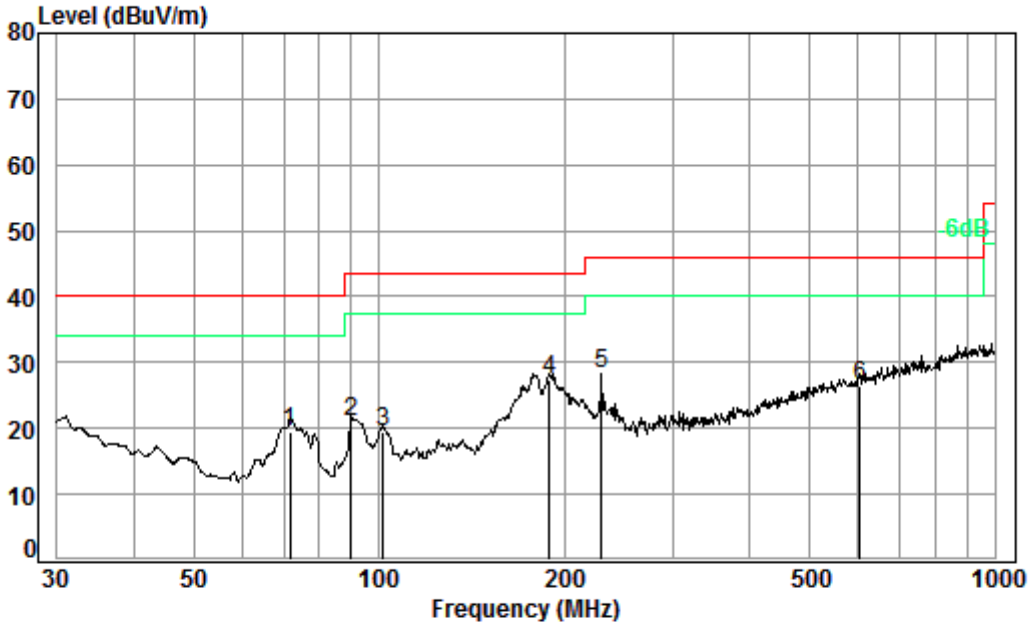
30MHz~1GHz（QP）		
Test mode:	Transmitting	Vertical



Condition: 3m VERTICAL
Job No. : c0005
Test mode: c

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.00	0.60	22.50	27.45	28.65	24.30	40.00	-15.70
2	41.71	0.64	16.88	27.43	35.63	25.72	40.00	-14.28
3	48.50	0.77	14.65	27.41	37.10	25.11	40.00	-14.89
4 pp	72.59	0.88	12.58	27.38	44.11	30.19	40.00	-9.81
5	101.64	1.21	13.92	27.34	39.04	26.83	43.50	-16.67
6	189.74	1.38	16.20	26.94	33.74	24.38	43.50	-19.12

Test mode:	Transmitting	Horizontal

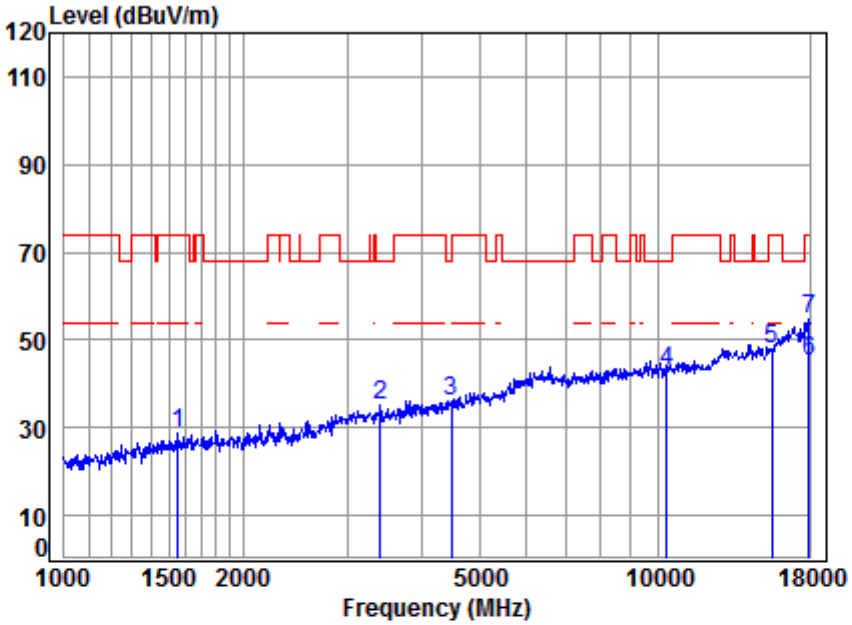


Condition: 3m HORIZONTAL
Job No. : c0005
Test mode: c

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	71.83	0.86	12.65	27.38	33.45	19.58	40.00	-20.42
2	90.22	1.10	13.12	27.36	33.99	20.85	43.50	-22.65
3	101.64	1.21	13.92	27.34	31.53	19.32	43.50	-24.18
4 pp	189.07	1.38	16.18	26.94	36.81	27.43	43.50	-16.07
5	230.10	1.57	18.03	26.81	35.37	28.16	46.00	-17.84
6	603.54	2.71	26.65	27.94	24.96	26.38	46.00	-19.62

4.8.2 Transmitter emission above 1GHz_CDD & MIMO

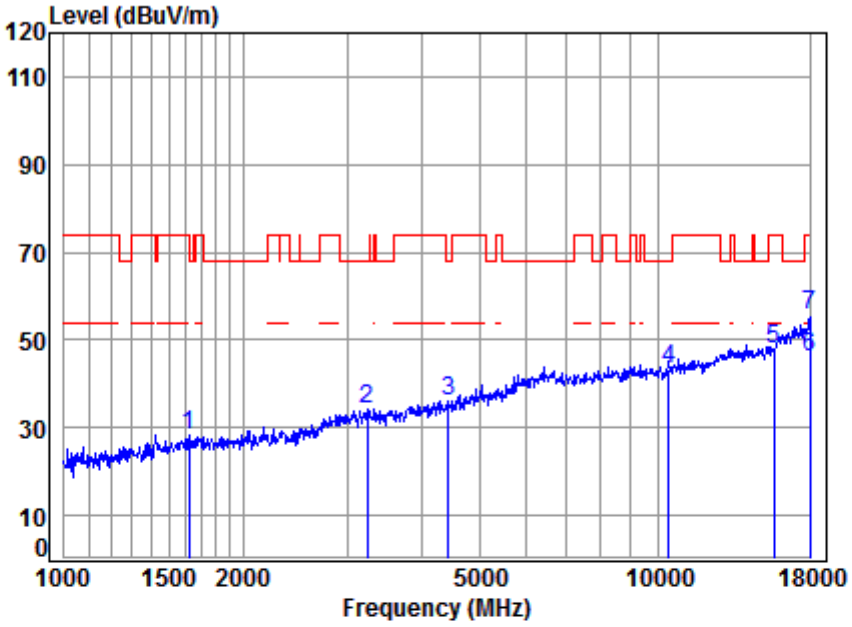
4.8.2.1 11A20_36 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1556.169	5.41	26.06	40.74	37.92	28.65	74.00	-45.35	peak
2	3405.929	6.38	31.56	42.00	39.00	34.94	68.20	-33.26	peak
3	4482.150	7.54	33.57	43.29	38.32	36.14	68.20	-32.06	peak
4	10360.000	11.19	37.76	37.97	32.05	43.03	68.20	-25.17	peak
5	15540.000	14.30	40.72	40.60	33.34	47.76	74.00	-26.24	peak
6	17948.050	16.08	43.44	40.21	25.92	45.23	54.00	-8.77	Average
7	17948.050	16.08	43.44	40.21	35.35	54.66	74.00	-19.34	peak

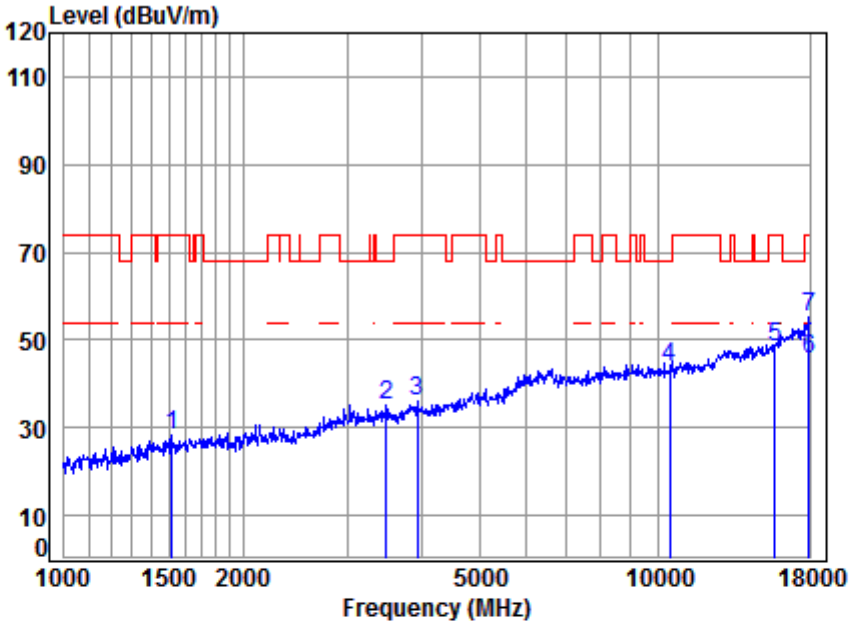
4.8.2.2 11A20_44 _ Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5220 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1620.431	5.32	26.34	40.78	37.46	28.34	74.00	-45.66	peak
2	3233.260	6.21	31.29	41.75	38.38	34.13	68.20	-34.07	peak
3	4443.453	7.50	33.50	43.25	38.38	36.13	68.20	-32.07	peak
4	10440.000	11.25	37.72	38.01	32.56	43.52	68.20	-24.68	peak
5	15660.000	14.48	40.80	40.58	33.29	47.99	74.00	-26.01	peak
6	18000.000	16.13	43.50	40.20	26.55	45.98	54.00	-8.02	Average
7	18000.000	16.13	43.50	40.20	36.08	55.51	74.00	-18.49	peak

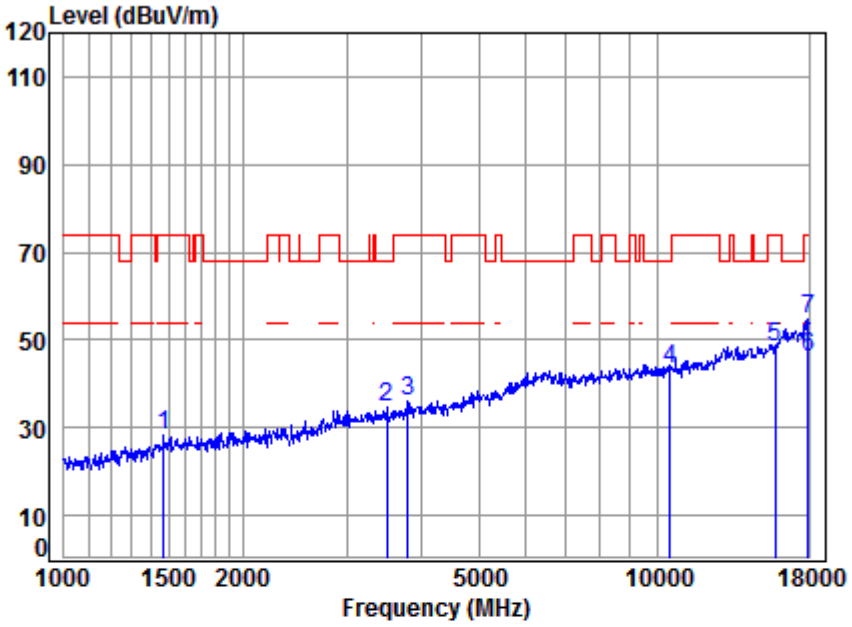
4.8.2.3 11A20_48 _ Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1520.598	5.45	25.89	40.72	37.67	28.29	74.00	-45.71	peak
2	3485.601	6.45	31.68	42.10	39.05	35.08	68.20	-33.12	peak
3	3935.493	6.92	32.58	42.68	39.03	35.85	74.00	-38.15	peak
4	10480.000	11.28	37.71	38.03	32.69	43.65	68.20	-24.55	peak
5	15720.000	14.57	40.83	40.57	33.33	48.16	74.00	-25.84	peak
6	17948.050	16.08	43.44	40.21	26.36	45.67	54.00	-8.33	Average
7	17948.050	16.08	43.44	40.21	35.72	55.03	74.00	-18.97	peak

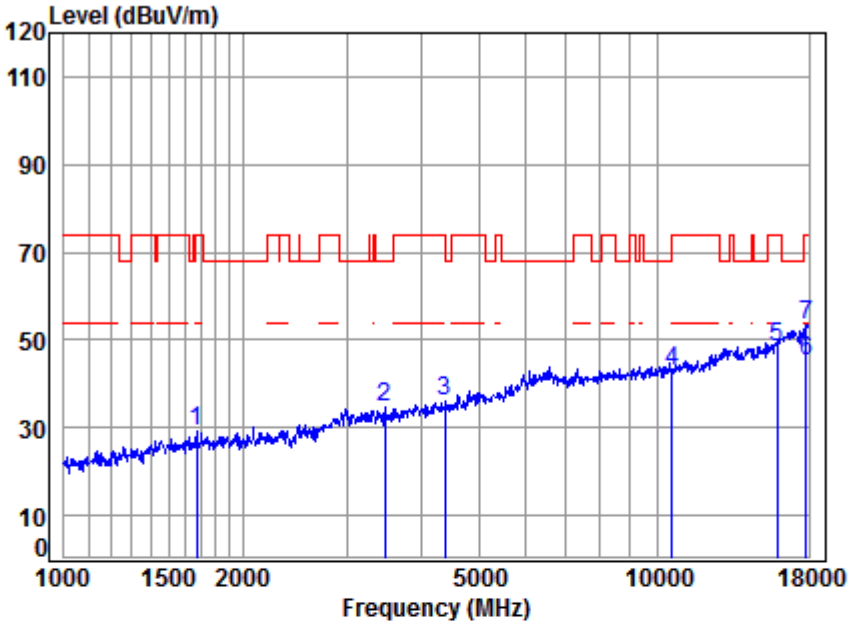
4.8.2.4 11A20_52 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1473.013	5.39	25.70	40.69	38.02	28.42	74.00	-45.58	peak
2	3495.691	6.46	31.69	42.12	38.43	34.46	68.20	-33.74	peak
3	3801.333	6.78	32.32	42.51	39.32	35.91	74.00	-38.09	peak
4	10520.000	11.30	37.70	38.05	32.31	43.26	68.20	-24.94	peak
5	15780.000	14.66	40.87	40.56	33.28	48.25	74.00	-25.75	peak
6	17948.050	16.08	43.44	40.21	26.97	46.28	54.00	-7.72	Average
7	17948.050	16.08	43.44	40.21	35.22	54.53	74.00	-19.47	peak

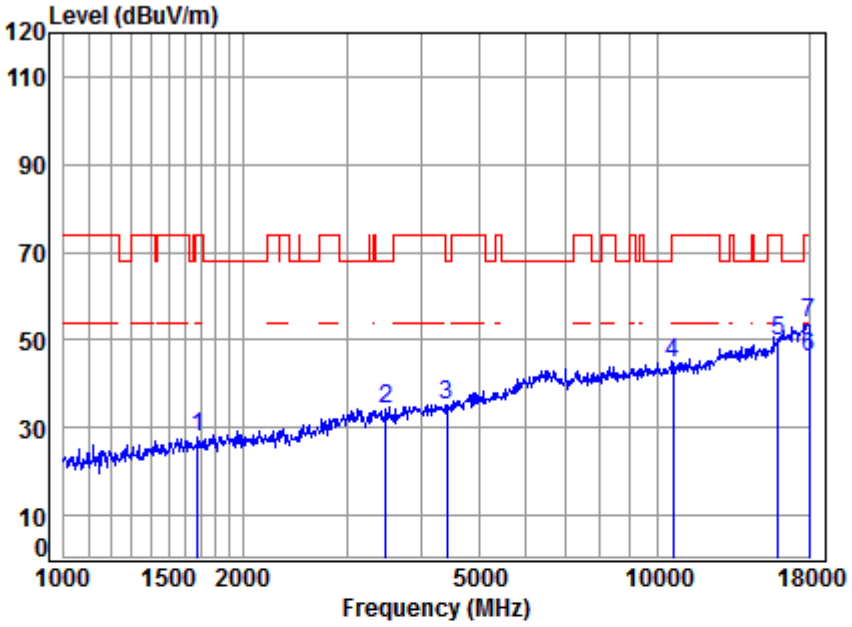
4.8.2.5 11A20_60 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1672.779	5.26	26.56	40.82	38.39	29.39	74.00	-44.61	peak
2	3475.541	6.44	31.66	42.09	38.62	34.63	68.20	-33.57	peak
3	4392.376	7.44	33.42	43.19	38.52	36.19	74.00	-37.81	peak
4	10600.000	11.36	37.72	38.09	32.11	43.10	68.20	-25.10	peak
5	15900.000	14.84	40.94	40.54	33.13	48.37	74.00	-25.63	peak
6	17844.590	15.97	43.32	40.22	26.14	45.21	54.00	-8.79	Average
7	17844.590	15.97	43.32	40.22	34.46	53.53	74.00	-20.47	peak

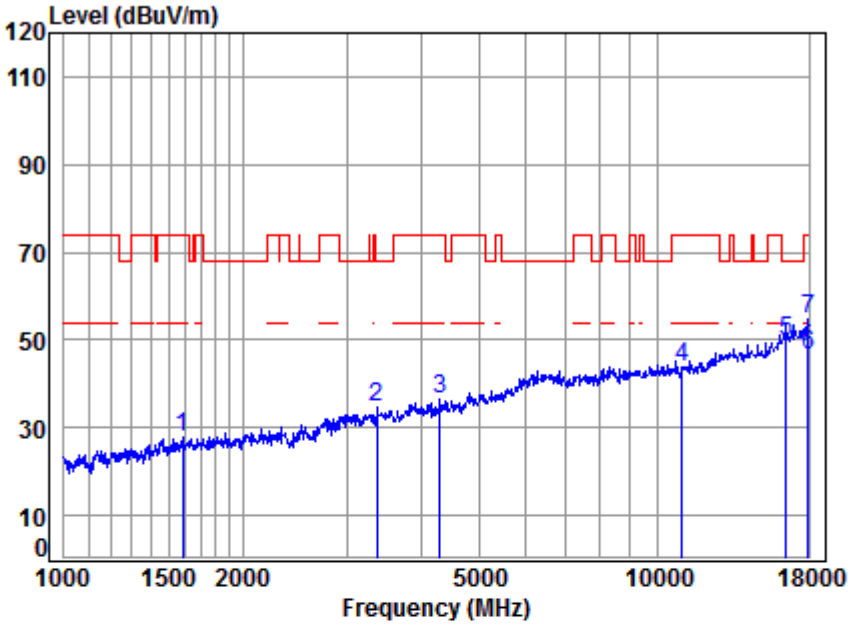
4.8.2.6 11A20_64 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1682.477	5.25	26.60	40.82	36.77	27.80	74.00	-46.20	peak
2	3485.601	6.45	31.68	42.10	38.13	34.16	68.20	-34.04	peak
3	4417.841	7.47	33.46	43.22	37.33	35.04	68.20	-33.16	peak
4	10640.000	11.39	37.73	38.11	33.60	44.61	74.00	-29.39	peak
5	15960.000	14.93	40.98	40.53	34.19	49.57	74.00	-24.43	peak
6	18000.000	16.13	43.50	40.20	26.56	45.99	54.00	-8.01	Average
7	18000.000	16.13	43.50	40.20	34.42	53.85	74.00	-20.15	peak

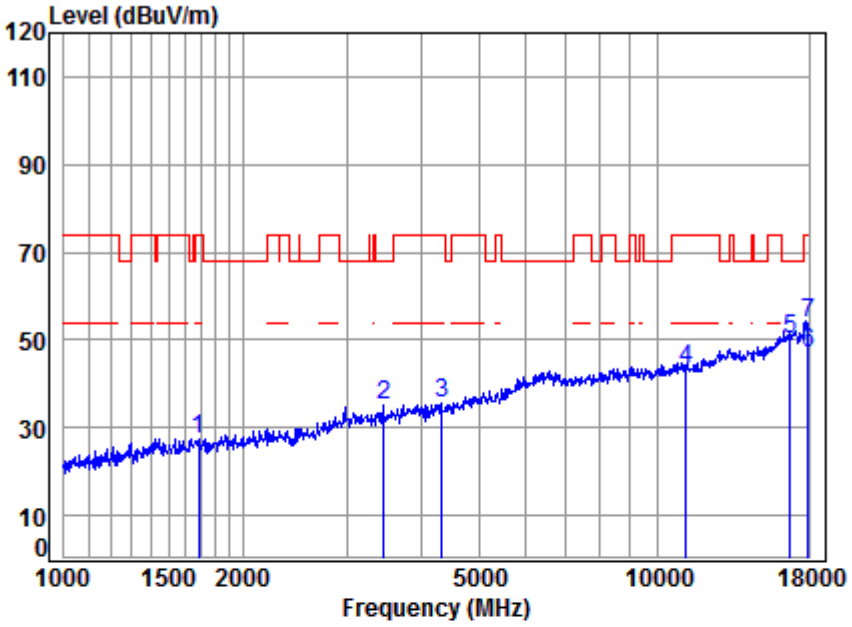
4.8.2.7 11A20_100 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1583.392	5.37	26.18	40.76	37.02	27.81	74.00	-46.19	peak
2	3366.778	6.34	31.50	41.94	38.59	34.49	68.20	-33.71	peak
3	4304.400	7.34	33.26	43.10	38.78	36.28	74.00	-37.72	peak
4	11000.000	11.63	37.80	38.27	32.59	43.75	74.00	-30.25	peak
5	16500.000	14.50	42.20	40.44	33.66	49.92	68.20	-18.28	peak
6	17948.050	16.08	43.44	40.21	27.36	46.67	54.00	-7.33	Average
7	17948.050	16.08	43.44	40.21	35.61	54.92	74.00	-19.08	peak

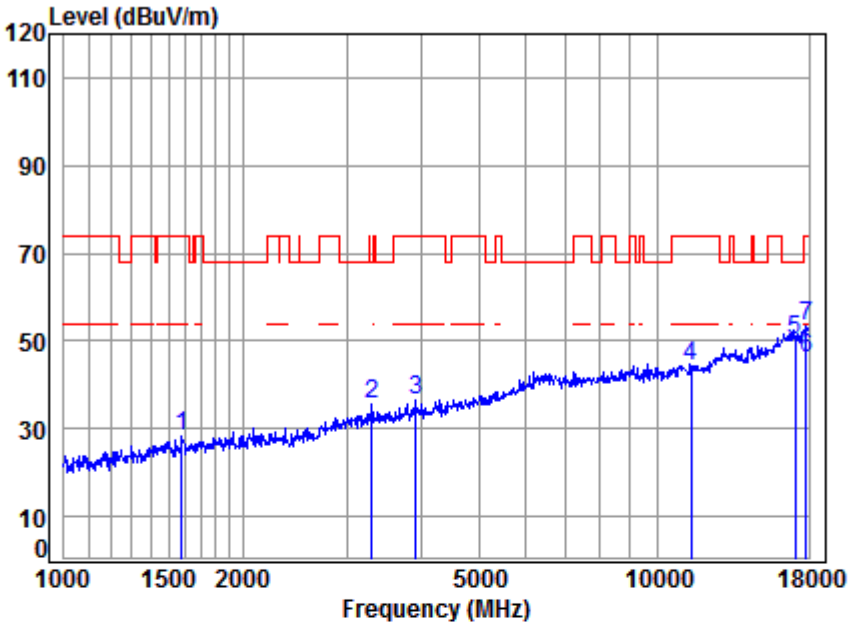
4.8.2.8 11A20_116 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1687.347	5.24	26.62	40.82	36.40	27.44	74.00	-46.56	peak
2	3455.508	6.42	31.63	42.06	39.14	35.13	68.20	-33.07	peak
3	4329.354	7.37	33.30	43.12	38.23	35.78	74.00	-38.22	peak
4	11160.000	11.80	37.83	38.34	32.07	43.36	74.00	-30.64	peak
5	16740.000	15.57	42.39	40.40	32.75	50.31	68.20	-17.89	peak
6	17948.050	16.08	43.44	40.21	27.54	46.85	54.00	-7.15	Average
7	17948.050	16.08	43.44	40.21	34.75	54.06	74.00	-19.94	peak

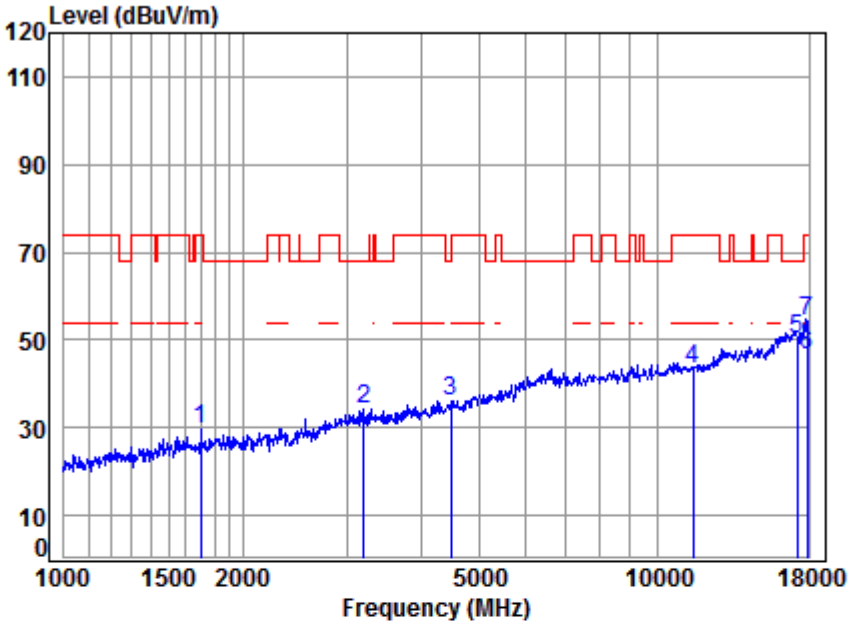
4.8.2.9 11A20_140 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1578.822	5.38	26.16	40.76	37.40	28.18	74.00	-45.82	peak
2	3308.894	6.29	31.41	41.86	39.77	35.61	68.20	-32.59	peak
3	3924.135	6.91	32.56	42.66	39.70	36.51	74.00	-37.49	peak
4	11400.000	12.04	37.88	38.45	32.80	44.27	74.00	-29.73	peak
5	17100.000	16.49	42.66	40.34	31.45	50.26	68.20	-17.94	peak
6	17793.090	15.91	43.25	40.23	27.29	46.22	54.00	-7.78	Average
7	17793.090	15.91	43.25	40.23	34.45	53.38	74.00	-20.62	peak

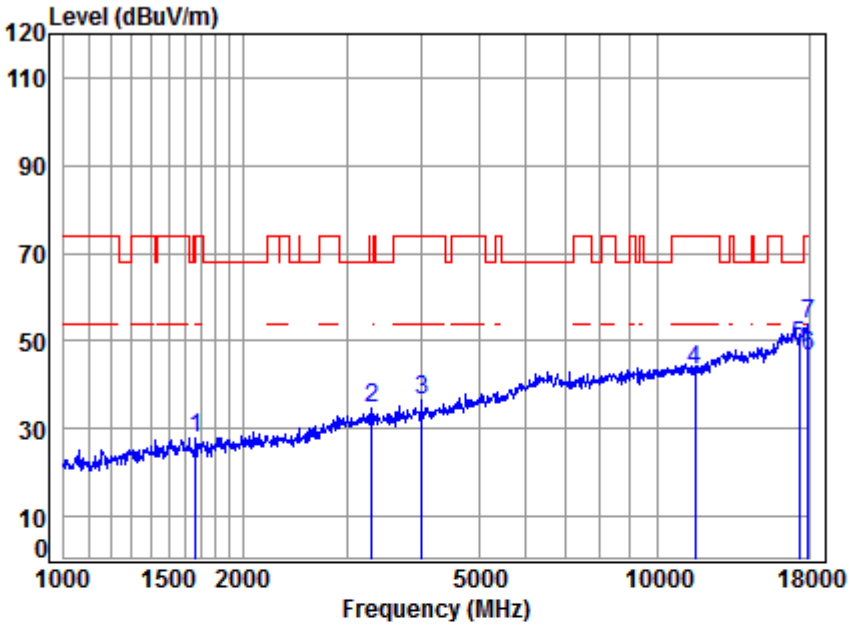
4.8.2.10 11A20_149 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1702.042	5.23	26.68	40.83	38.54	29.62	74.00	-44.38	peak
2	3205.345	6.19	31.24	41.71	38.39	34.11	68.20	-34.09	peak
3	4482.150	7.54	33.57	43.29	38.06	35.88	68.20	-32.32	peak
4	11490.000	12.13	37.90	38.49	31.99	43.53	74.00	-30.47	peak
5	17235.000	16.18	42.74	40.32	31.68	50.28	68.20	-17.92	peak
6	17896.250	16.02	43.38	40.22	27.38	46.56	54.00	-7.44	Average
7	17896.250	16.02	43.38	40.22	34.90	54.08	74.00	-19.92	peak

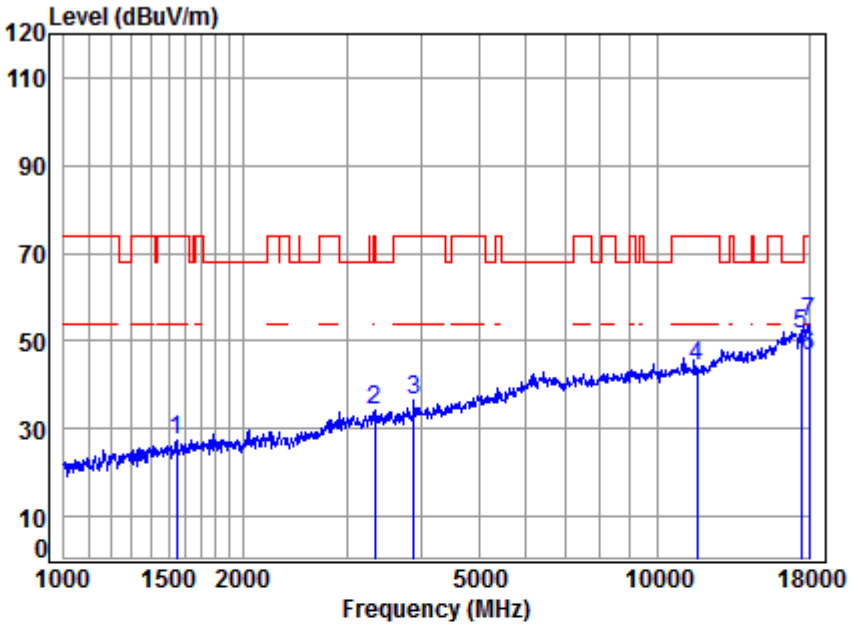
4.8.2.11 11A20_157 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1667.951	5.27	26.54	40.81	36.97	27.97	74.00	-46.03	peak
2	3299.344	6.28	31.39	41.85	38.75	34.57	68.20	-33.63	peak
3	4004.339	6.99	32.71	42.76	39.47	36.41	74.00	-37.59	peak
4	11570.000	12.17	37.87	38.52	31.60	43.12	74.00	-30.88	peak
5	17355.000	15.92	42.81	40.30	30.49	48.92	68.20	-19.28	peak
6	17948.050	16.08	43.44	40.21	27.14	46.45	54.00	-7.55	Average
7	17948.050	16.08	43.44	40.21	34.35	53.66	74.00	-20.34	peak

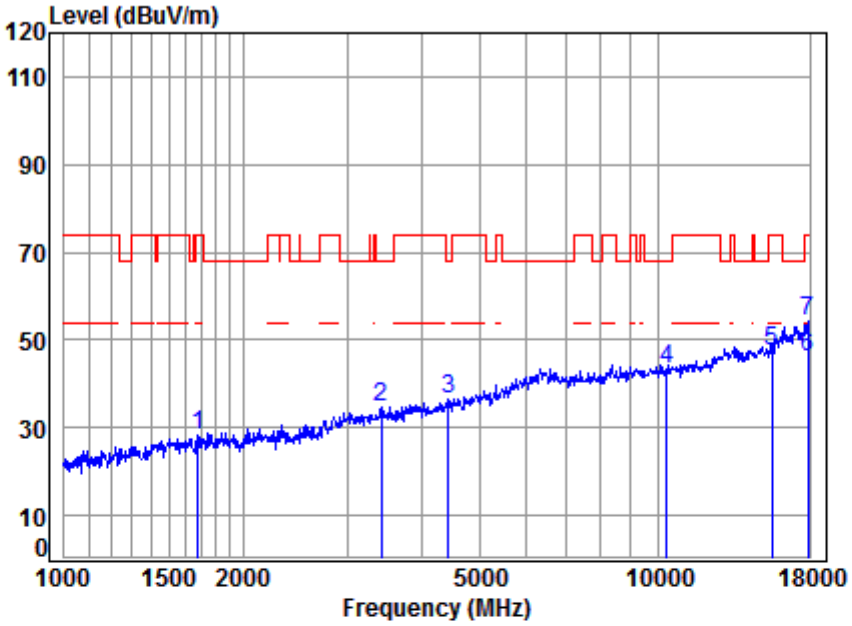
4.8.2.12 11A20_165 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1547.199	5.42	26.02	40.74	36.80	27.50	74.00	-46.50	peak
2	3347.371	6.32	31.47	41.91	38.53	34.41	74.00	-39.59	peak
3	3890.255	6.87	32.49	42.62	39.93	36.67	74.00	-37.33	peak
4	11650.000	12.20	37.84	38.55	32.79	44.28	74.00	-29.72	peak
5	17475.000	15.65	42.89	40.28	33.13	51.39	68.20	-16.81	peak
6	18000.000	16.13	43.50	40.20	27.02	46.45	54.00	-7.55	Average
7	18000.000	16.13	43.50	40.20	34.87	54.30	74.00	-19.70	peak

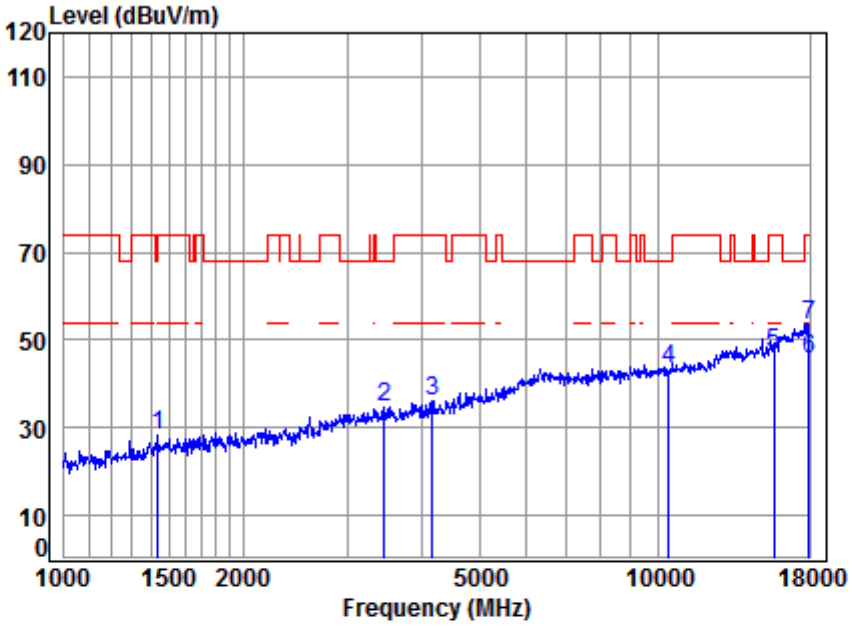
4.8.2.13 11A20_36 _Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1677.621	5.25	26.58	40.82	37.47	28.48	74.00	-45.52	peak
2	3415.787	6.38	31.57	42.01	38.83	34.77	68.20	-33.43	peak
3	4443.453	7.50	33.50	43.25	38.64	36.39	68.20	-31.81	peak
4	10360.000	11.19	37.76	37.97	32.22	43.20	68.20	-25.00	peak
5	15540.000	14.30	40.72	40.60	33.04	47.46	74.00	-26.54	peak
6	17896.250	16.02	43.38	40.22	26.75	45.93	54.00	-8.07	Average
7	17896.250	16.02	43.38	40.22	35.01	54.19	74.00	-19.81	peak

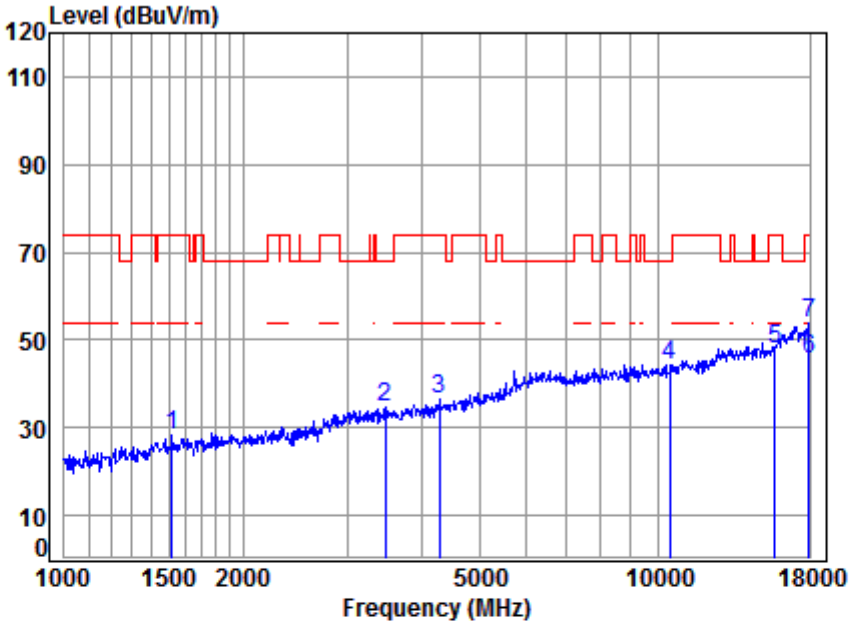
4.8.2.14 11A20_44 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5220 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1439.343	5.28	25.58	40.66	38.16	28.36	74.00	-45.64	peak
2	3465.510	6.43	31.65	42.08	38.68	34.68	68.20	-33.52	peak
3	4169.698	7.18	33.02	42.95	38.70	35.95	74.00	-38.05	peak
4	10440.000	11.25	37.72	38.01	32.47	43.43	68.20	-24.77	peak
5	15660.000	14.48	40.80	40.58	32.29	46.99	74.00	-27.01	peak
6	17948.050	16.08	43.44	40.21	26.11	45.42	54.00	-8.58	Average
7	17948.050	16.08	43.44	40.21	34.27	53.58	74.00	-20.42	peak

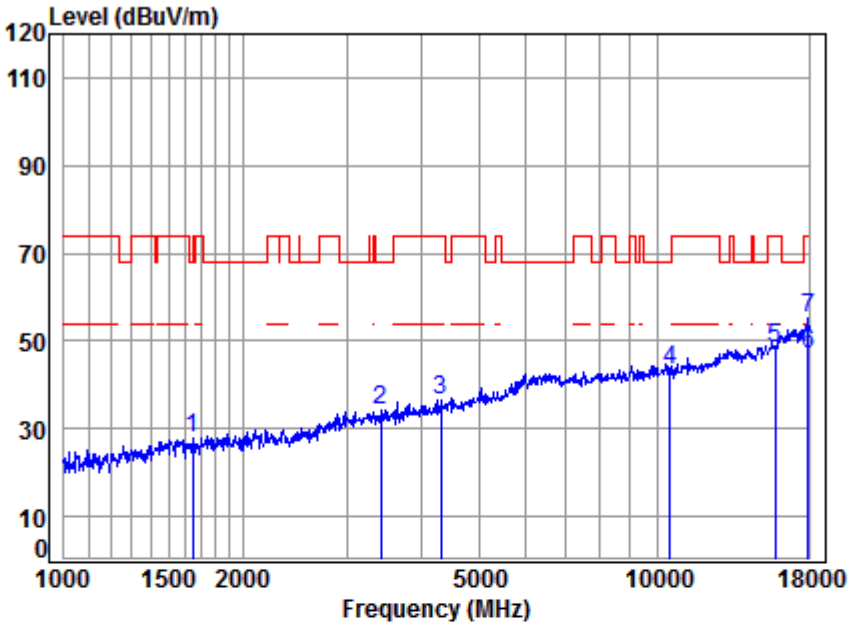
4.8.2.15 11A20_48 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1520.598	5.45	25.89	40.72	37.78	28.40	74.00	-45.60	peak
2	3475.541	6.44	31.66	42.09	38.80	34.81	68.20	-33.39	peak
3	4291.977	7.33	33.24	43.08	38.85	36.34	74.00	-37.66	peak
4	10480.000	11.28	37.71	38.03	33.08	44.04	68.20	-24.16	peak
5	15720.000	14.57	40.83	40.57	33.28	48.11	74.00	-25.89	peak
6	17948.050	16.08	43.44	40.21	26.40	45.71	54.00	-8.29	Average
7	17948.050	16.08	43.44	40.21	34.55	53.86	74.00	-20.14	peak

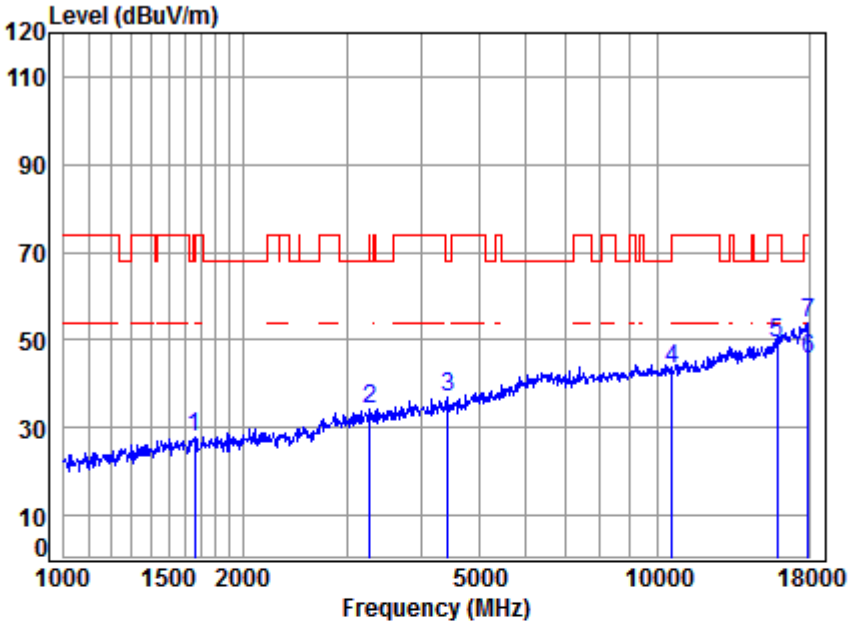
4.8.2.16 11A20_52 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1648.778	5.29	26.46	40.80	36.94	27.89	68.20	-40.31	peak
2	3415.787	6.38	31.57	42.01	38.14	34.08	68.20	-34.12	peak
3	4316.859	7.36	33.28	43.11	38.88	36.41	74.00	-37.59	peak
4	10520.000	11.30	37.70	38.05	32.29	43.24	68.20	-24.96	peak
5	15780.000	14.66	40.87	40.56	33.32	48.29	74.00	-25.71	peak
6	17948.050	16.08	43.44	40.21	27.67	46.98	54.00	-7.02	Average
7	17948.050	16.08	43.44	40.21	35.93	55.24	74.00	-18.76	peak

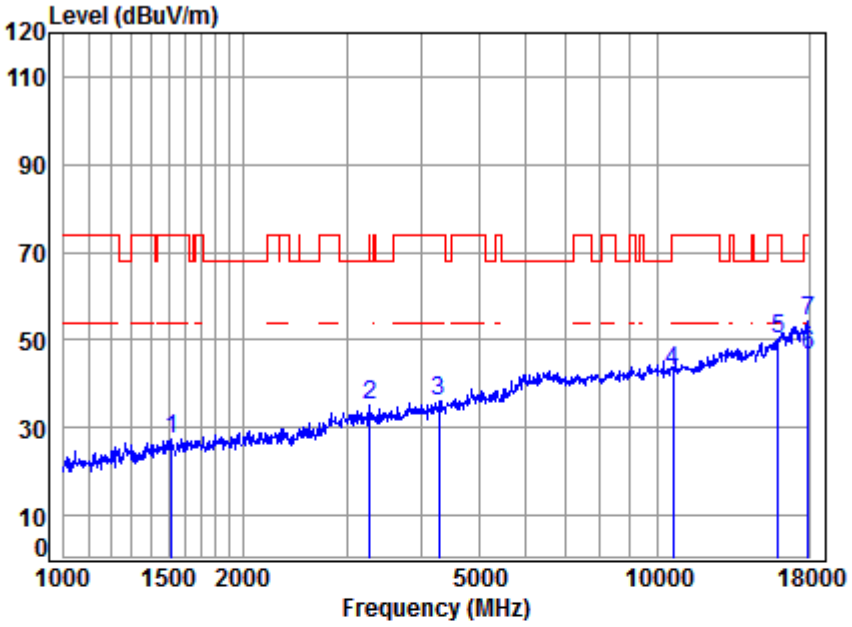
4.8.2.17 11A20_60 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1658.337	5.28	26.50	40.81	37.00	27.97	68.20	-40.23	peak
2	3270.858	6.25	31.35	41.81	38.45	34.24	68.20	-33.96	peak
3	4443.453	7.50	33.50	43.25	39.02	36.77	68.20	-31.43	peak
4	10600.000	11.36	37.72	38.09	32.30	43.29	68.20	-24.91	peak
5	15900.000	14.84	40.94	40.54	34.07	49.31	74.00	-24.69	peak
6	17948.050	16.08	43.44	40.21	26.17	45.48	54.00	-8.52	Average
7	17948.050	16.08	43.44	40.21	34.32	53.63	74.00	-20.37	peak

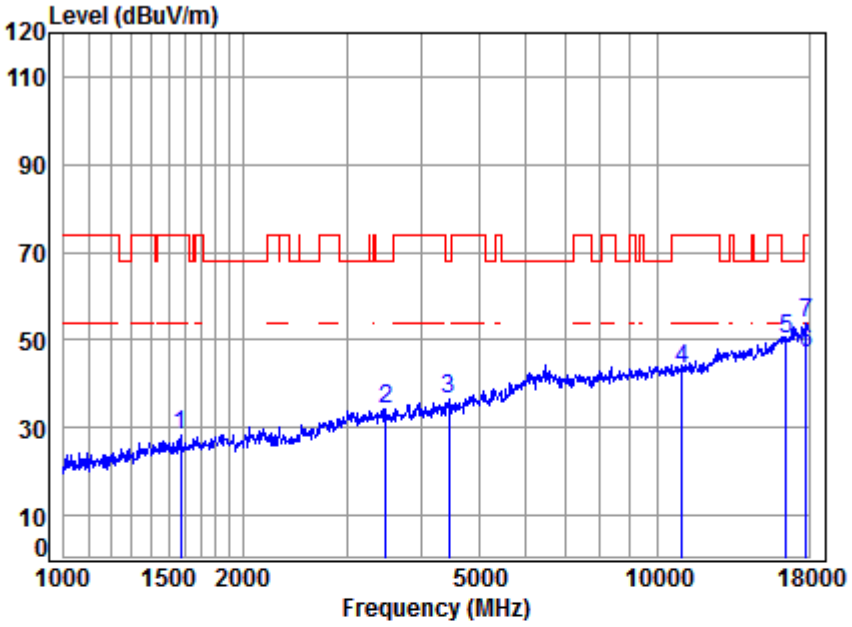
4.8.2.18 11A20_64 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1516.210	5.46	25.87	40.72	36.92	27.53	74.00	-46.47	peak
2	3270.858	6.25	31.35	41.81	39.17	34.96	68.20	-33.24	peak
3	4279.589	7.31	33.22	43.07	38.81	36.27	74.00	-37.73	peak
4	10640.000	11.39	37.73	38.11	31.87	42.88	74.00	-31.12	peak
5	15960.000	14.93	40.98	40.53	34.69	50.07	74.00	-23.93	peak
6	17948.050	16.08	43.44	40.21	27.01	46.32	54.00	-7.68	Average
7	17948.050	16.08	43.44	40.21	35.00	54.31	74.00	-19.69	peak

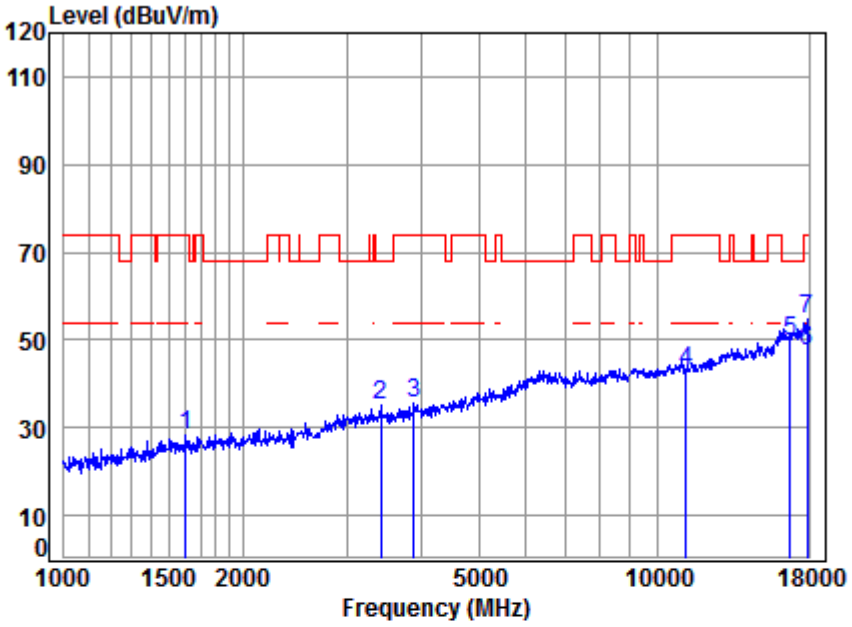
4.8.2.19 11A20_100 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1574.265	5.38	26.14	40.75	37.50	28.27	74.00	-45.73	peak
2	3485.601	6.45	31.68	42.10	38.39	34.42	68.20	-33.78	peak
3	4456.315	7.51	33.53	43.26	38.91	36.69	68.20	-31.51	peak
4	11000.000	11.63	37.80	38.27	32.27	43.43	74.00	-30.57	peak
5	16500.000	14.50	42.20	40.44	34.13	50.39	68.20	-17.81	peak
6	17793.090	15.91	43.25	40.23	27.85	46.78	54.00	-7.22	Average
7	17793.090	15.91	43.25	40.23	34.98	53.91	74.00	-20.09	peak

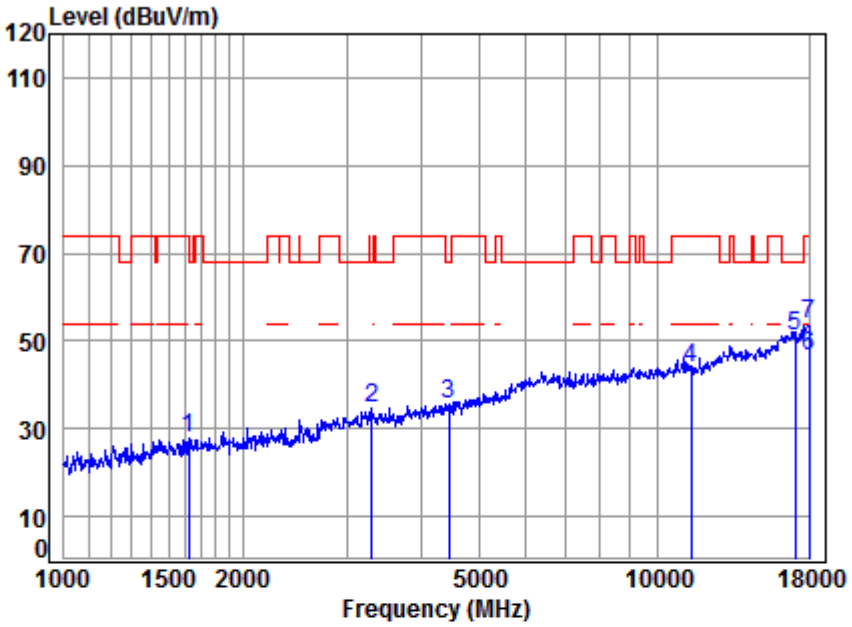
4.8.2.20 11A20_116 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1601.804	5.35	26.26	40.77	37.60	28.44	74.00	-45.56	peak
2	3415.787	6.38	31.57	42.01	39.14	35.08	68.20	-33.12	peak
3	3890.255	6.87	32.49	42.62	38.98	35.72	74.00	-38.28	peak
4	11160.000	11.80	37.83	38.34	31.66	42.95	74.00	-31.05	peak
5	16740.000	15.57	42.39	40.40	32.02	49.58	68.20	-18.62	peak
6	17896.250	16.02	43.38	40.22	28.26	47.44	54.00	-6.56	Average
7	17896.250	16.02	43.38	40.22	35.39	54.57	74.00	-19.43	peak

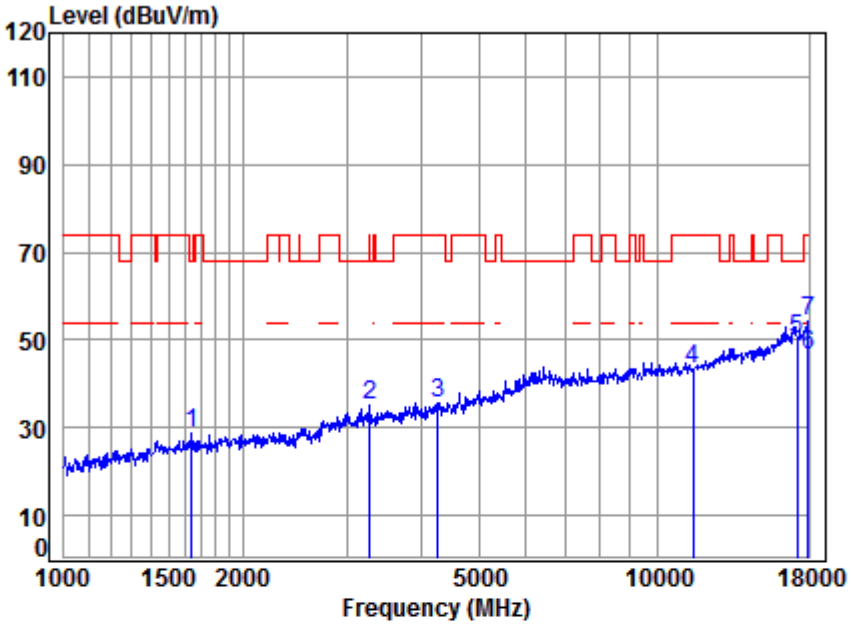
4.8.2.21 11A20_140 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1620.431	5.32	26.34	40.78	37.09	27.97	74.00	-46.03	peak
2	3308.894	6.29	31.41	41.86	38.67	34.51	68.20	-33.69	peak
3	4456.315	7.51	33.53	43.26	37.94	35.72	68.20	-32.48	peak
4	11400.000	12.04	37.88	38.45	32.41	43.88	74.00	-30.12	peak
5	17100.000	16.49	42.66	40.34	32.16	50.97	68.20	-17.23	peak
6	18000.000	16.13	43.50	40.20	26.95	46.38	54.00	-7.62	Average
7	18000.000	16.13	43.50	40.20	34.18	53.61	74.00	-20.39	peak

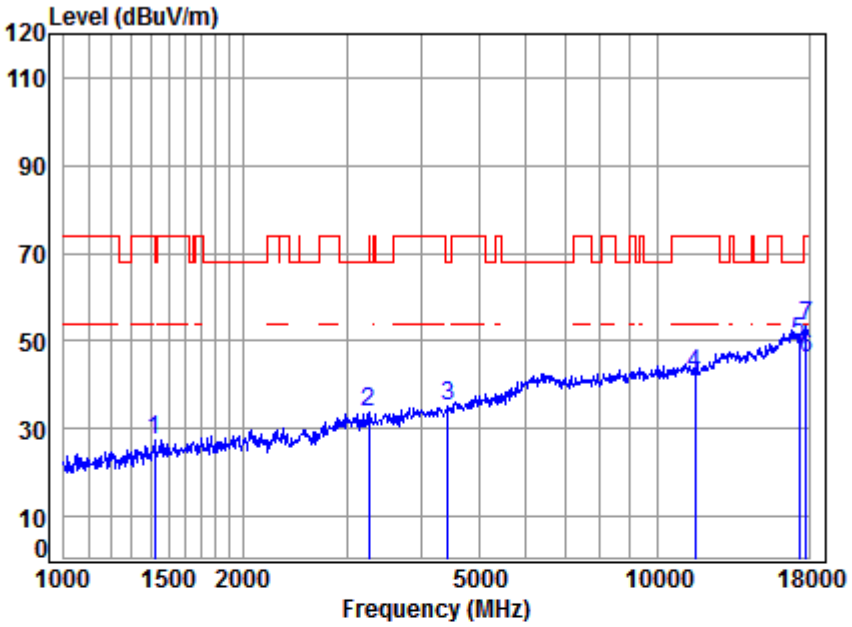
4.8.2.22 11A20_149 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1644.019	5.30	26.44	40.80	37.80	28.74	68.20	-39.46	peak
2	3280.326	6.26	31.36	41.82	39.39	35.19	68.20	-33.01	peak
3	4267.237	7.30	33.19	43.06	38.23	35.66	74.00	-38.34	peak
4	11490.000	12.13	37.90	38.49	31.78	43.32	74.00	-30.68	peak
5	17235.000	16.18	42.74	40.32	31.81	50.41	68.20	-17.79	peak
6	17948.050	16.08	43.44	40.21	27.40	46.71	54.00	-7.29	Average
7	17948.050	16.08	43.44	40.21	35.02	54.33	74.00	-19.67	peak

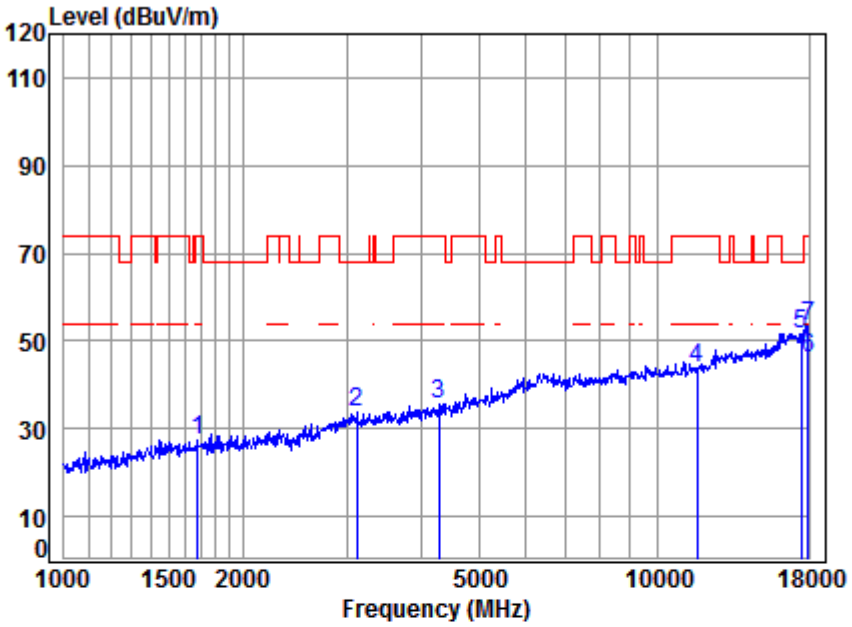
4.8.2.23 11A20_157 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1422.798	5.23	25.51	40.65	37.38	27.47	74.00	-46.53	peak
2	3261.418	6.24	31.33	41.79	37.84	33.62	74.00	-40.38	peak
3	4430.628	7.48	33.48	43.23	37.25	34.98	68.20	-33.22	peak
4	11570.000	12.17	37.87	38.52	31.11	42.63	74.00	-31.37	peak
5	17355.000	15.92	42.81	40.30	31.09	49.52	68.20	-18.68	peak
6	17793.090	15.91	43.25	40.23	27.11	46.04	54.00	-7.96	Average
7	17793.090	15.91	43.25	40.23	34.49	53.42	74.00	-20.58	peak

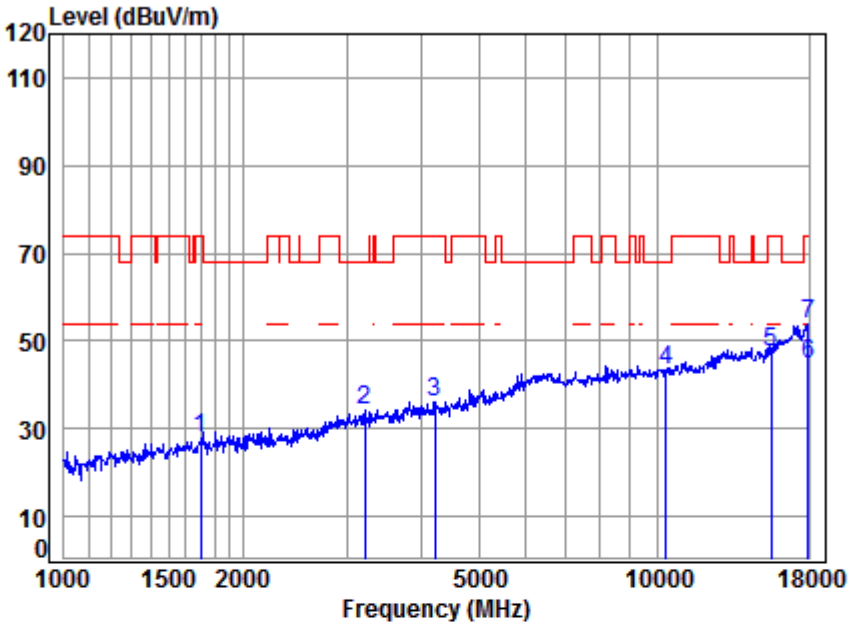
4.8.2.24 11A20_165 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1677.621	5.25	26.58	40.82	36.46	27.47	74.00	-46.53	peak
2	3114.025	6.10	31.09	41.58	38.03	33.64	68.20	-34.56	peak
3	4291.977	7.33	33.24	43.08	38.26	35.75	74.00	-38.25	peak
4	11650.000	12.20	37.84	38.55	32.50	43.99	74.00	-30.01	peak
5	17475.000	15.65	42.89	40.28	33.20	51.46	68.20	-16.74	peak
6	17948.050	16.08	43.44	40.21	26.84	46.15	54.00	-7.85	Average
7	17948.050	16.08	43.44	40.21	34.10	53.41	74.00	-20.59	peak

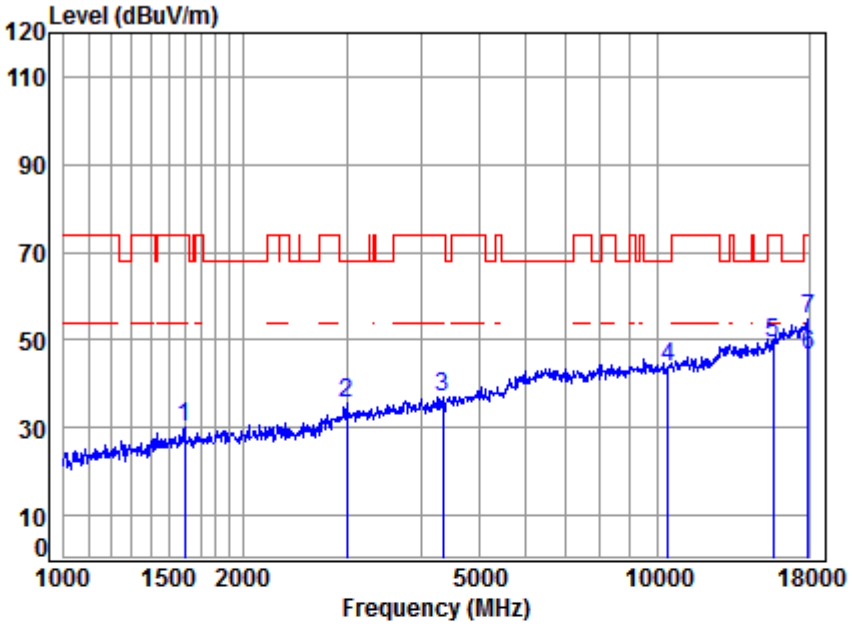
4.8.2.25 11N20_36 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5180 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1697.129	5.23	26.66	40.83	36.86	27.92	74.00	-46.08	peak
2	3214.623	6.20	31.26	41.72	38.67	34.41	68.20	-33.79	peak
3	4218.186	7.24	33.11	43.00	38.86	36.21	74.00	-37.79	peak
4	10360.000	11.19	37.76	37.97	32.23	43.21	68.20	-24.99	peak
5	15540.000	14.30	40.72	40.60	32.89	47.31	74.00	-26.69	peak
6	17948.050	16.08	43.44	40.21	25.52	44.83	54.00	-9.17	Average
7	17948.050	16.08	43.44	40.21	34.72	54.03	74.00	-19.97	peak

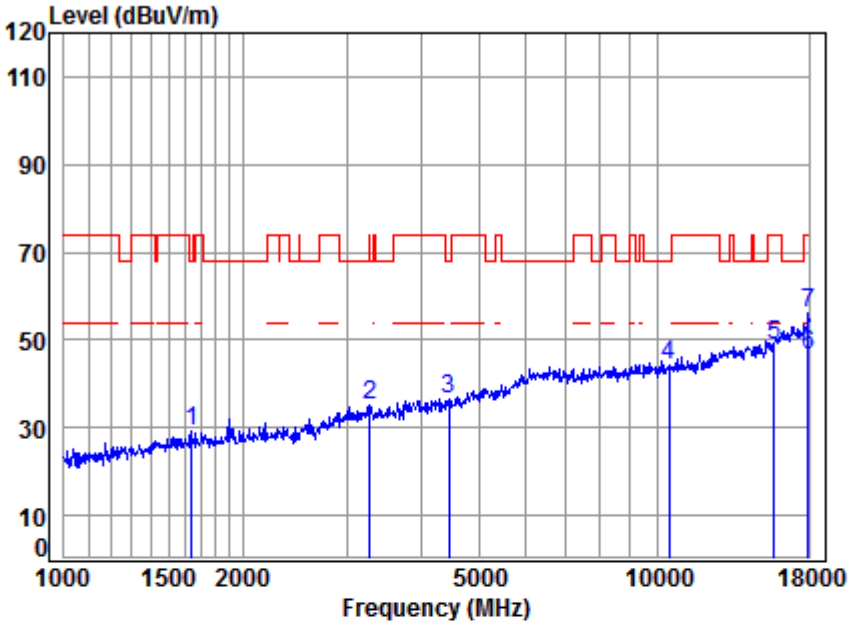
4.8.2.26 11N20_44 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5220 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1597.181	5.35	26.24	40.77	39.39	30.21	74.00	-43.79	peak
2	2999.187	5.98	30.90	41.40	40.16	35.64	68.20	-32.56	peak
3	4354.454	7.40	33.35	43.15	39.44	37.04	74.00	-36.96	peak
4	10440.000	11.25	37.72	38.01	32.64	43.60	68.20	-24.60	peak
5	15660.000	14.48	40.80	40.58	34.73	49.43	74.00	-24.57	peak
6	17948.050	16.08	43.44	40.21	27.07	46.38	54.00	-7.62	Average
7	17948.050	16.08	43.44	40.21	35.46	54.77	74.00	-19.23	peak

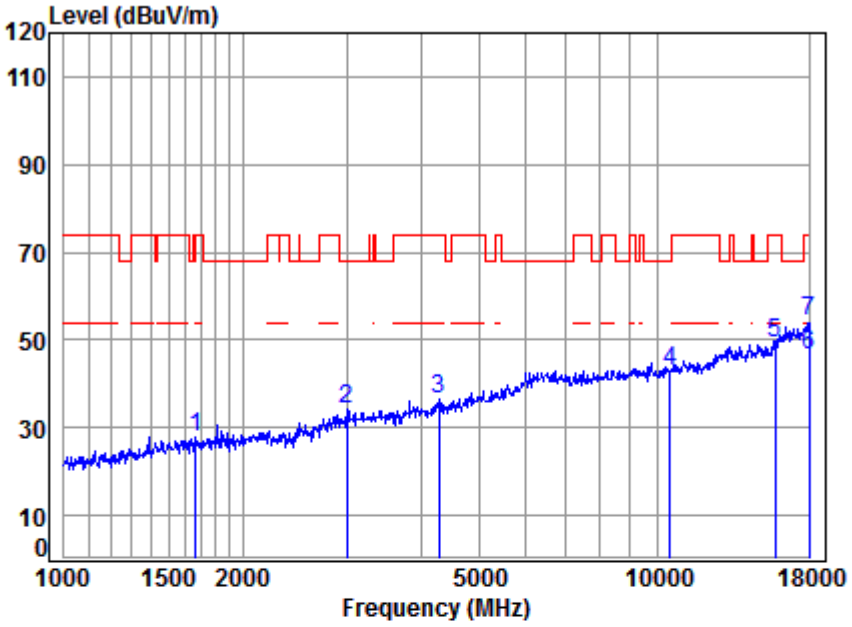
4.8.2.27 11N20_48 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5240 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1644.019	5.30	26.44	40.80	38.38	29.32	68.20	-38.88	peak
2	3280.326	6.26	31.36	41.82	39.16	34.96	68.20	-33.24	peak
3	4456.315	7.51	33.53	43.26	38.71	36.49	68.20	-31.71	peak
4	10480.000	11.28	37.71	38.03	33.12	44.08	68.20	-24.12	peak
5	15720.000	14.57	40.83	40.57	33.85	48.68	74.00	-25.32	peak
6	17948.050	16.08	43.44	40.21	27.30	46.61	54.00	-7.39	Average
7	17948.050	16.08	43.44	40.21	36.66	55.97	74.00	-18.03	peak

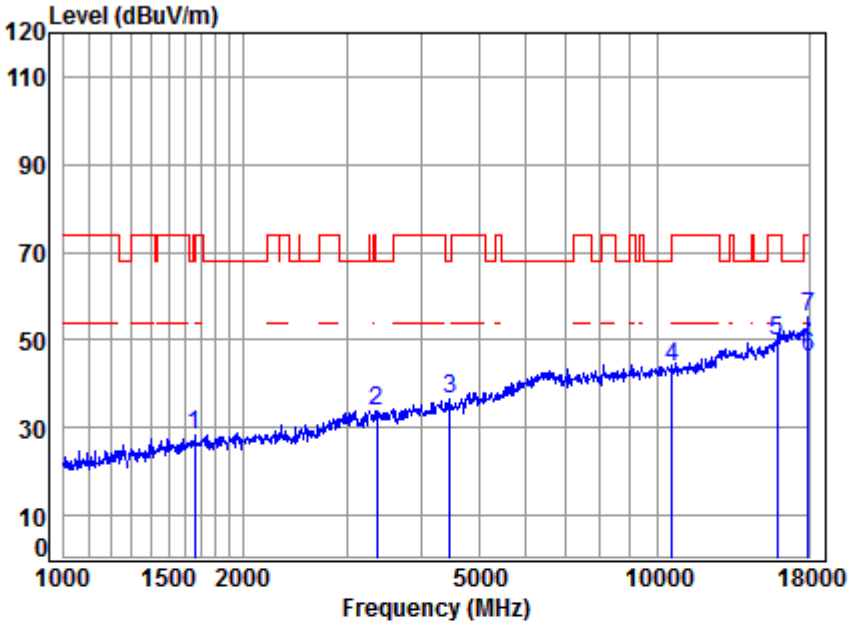
4.8.2.28 11N20_52 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1667.951	5.27	26.54	40.81	36.90	27.90	74.00	-46.10	peak
2	2999.187	5.98	30.90	41.40	38.58	34.06	68.20	-34.14	peak
3	4279.589	7.31	33.22	43.07	39.02	36.48	74.00	-37.52	peak
4	10520.000	11.30	37.70	38.05	32.15	43.10	68.20	-25.10	peak
5	15780.000	14.66	40.87	40.56	34.12	49.09	74.00	-24.91	peak
6	18000.000	16.13	43.50	40.20	27.06	46.49	54.00	-7.51	Average
7	18000.000	16.13	43.50	40.20	34.64	54.07	74.00	-19.93	peak

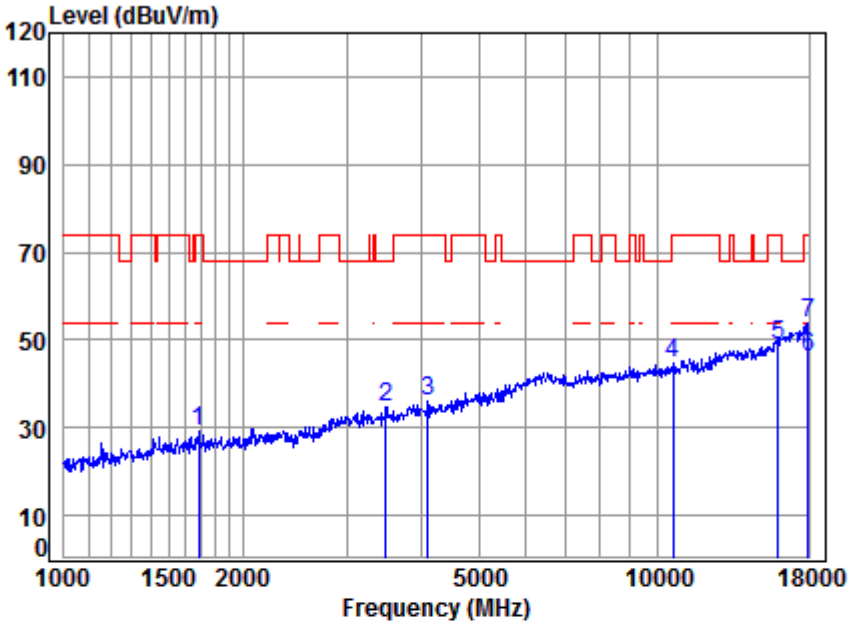
4.8.2.29 11N20_60 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1658.337	5.28	26.50	40.81	37.35	28.32	68.20	-39.88	peak
2	3366.778	6.34	31.50	41.94	38.06	33.96	68.20	-34.24	peak
3	4469.214	7.53	33.55	43.27	38.82	36.63	68.20	-31.57	peak
4	10600.000	11.36	37.72	38.09	32.95	43.94	68.20	-24.26	peak
5	15900.000	14.84	40.94	40.54	34.32	49.56	74.00	-24.44	peak
6	17948.050	16.08	43.44	40.21	26.55	45.86	54.00	-8.14	Average
7	17948.050	16.08	43.44	40.21	35.77	55.08	74.00	-18.92	peak

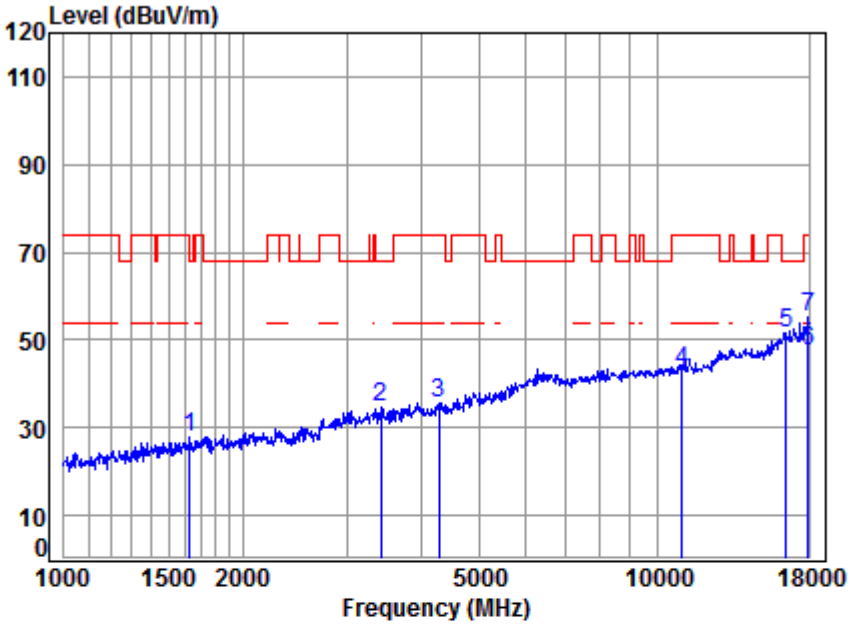
4.8.2.30 11N20_64 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1687.347	5.24	26.62	40.82	38.27	29.31	74.00	-44.69	peak
2	3485.601	6.45	31.68	42.10	38.65	34.68	68.20	-33.52	peak
3	4109.872	7.11	32.91	42.88	38.91	36.05	74.00	-37.95	peak
4	10640.000	11.39	37.73	38.11	33.52	44.53	74.00	-29.47	peak
5	15960.000	14.93	40.98	40.53	33.40	48.78	74.00	-25.22	peak
6	17948.050	16.08	43.44	40.21	26.63	45.94	54.00	-8.06	Average
7	17948.050	16.08	43.44	40.21	34.74	54.05	74.00	-19.95	peak

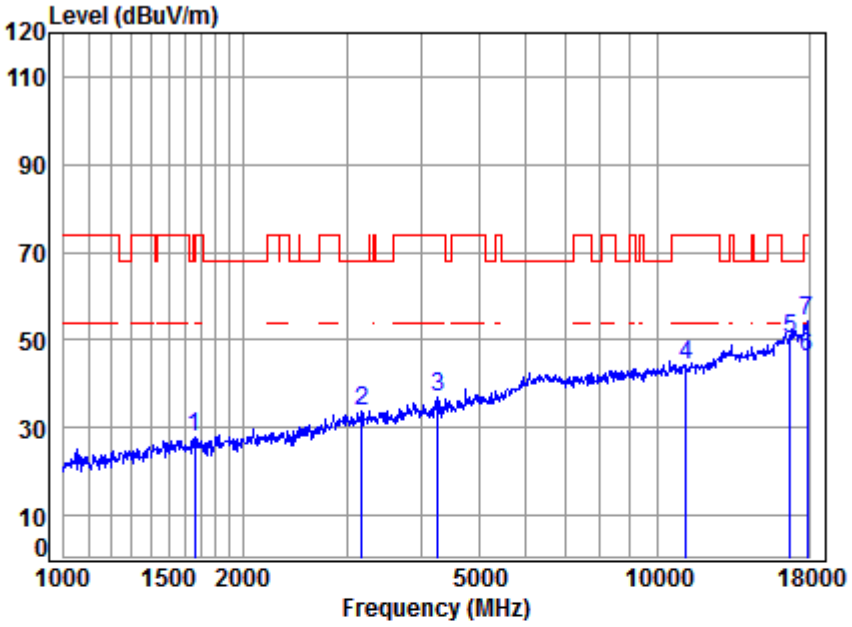
4.8.2.31 11N20_100 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1629.825	5.31	26.38	40.79	37.14	28.04	68.20	-40.16	peak
2	3415.787	6.38	31.57	42.01	38.63	34.57	68.20	-33.63	peak
3	4279.589	7.31	33.22	43.07	38.06	35.52	74.00	-38.48	peak
4	11000.000	11.63	37.80	38.27	31.86	43.02	74.00	-30.98	peak
5	16500.000	14.50	42.20	40.44	35.08	51.34	68.20	-16.86	peak
6	17948.050	16.08	43.44	40.21	27.92	47.23	54.00	-6.77	Average
7	17948.050	16.08	43.44	40.21	36.08	55.39	74.00	-18.61	peak

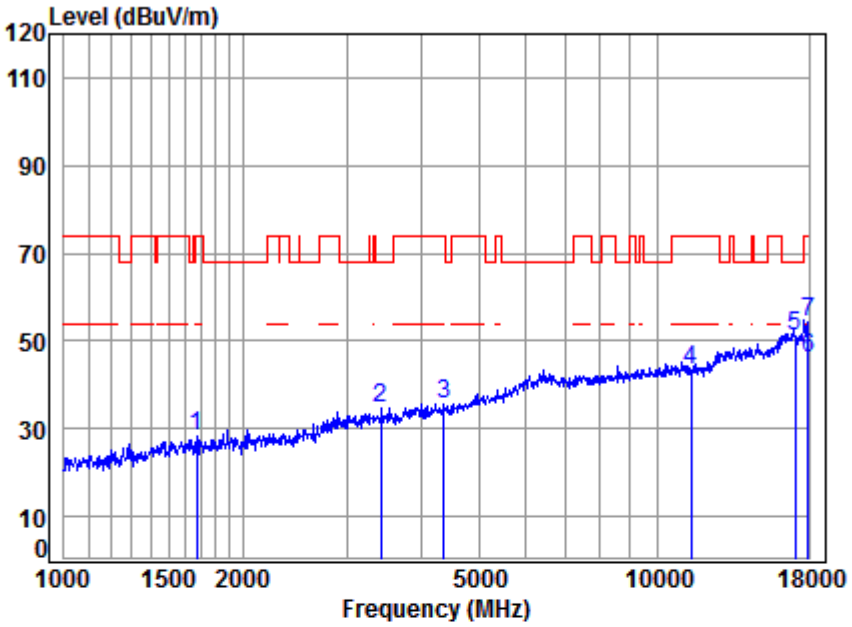
4.8.2.32 11N20_116 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1663.137	5.27	26.52	40.81	36.67	27.65	74.00	-46.35	peak
2	3177.672	6.16	31.20	41.67	38.30	33.99	68.20	-34.21	peak
3	4267.237	7.30	33.19	43.06	39.67	37.10	74.00	-36.90	peak
4	11160.000	11.80	37.83	38.34	32.79	44.08	74.00	-29.92	peak
5	16740.000	15.57	42.39	40.40	32.52	50.08	68.20	-18.12	peak
6	17896.250	16.02	43.38	40.22	26.84	46.02	54.00	-7.98	Average
7	17896.250	16.02	43.38	40.22	35.15	54.33	74.00	-19.67	peak

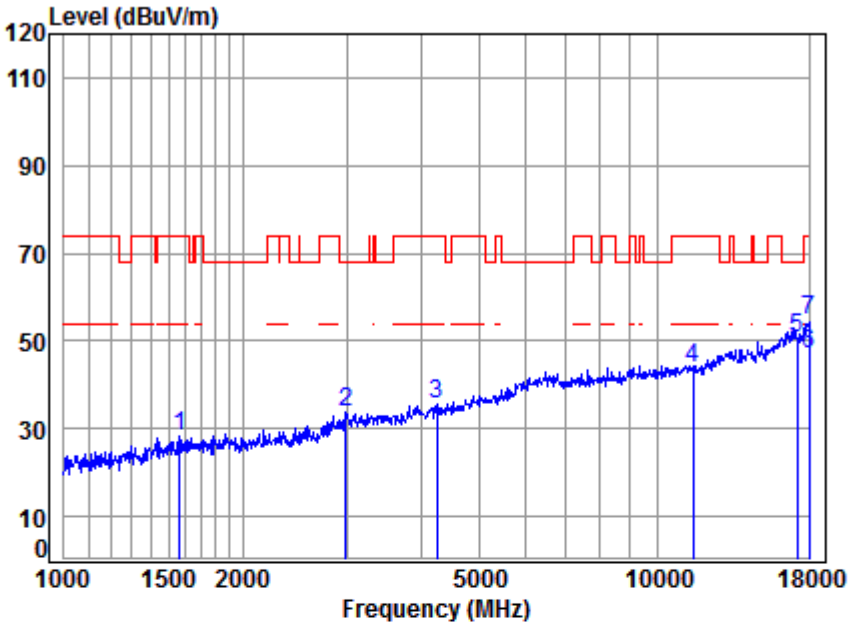
4.8.2.33 11N20_140 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5700 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1672.779	5.26	26.56	40.82	37.47	28.47	74.00	-45.53	peak
2	3425.675	6.39	31.59	42.02	38.86	34.82	68.20	-33.38	peak
3	4367.058	7.41	33.37	43.16	38.05	35.67	74.00	-38.33	peak
4	11400.000	12.04	37.88	38.45	31.82	43.29	74.00	-30.71	peak
5	17100.000	16.49	42.66	40.34	32.43	51.24	68.20	-16.96	peak
6	17948.050	16.08	43.44	40.21	26.62	45.93	54.00	-8.07	Average
7	17948.050	16.08	43.44	40.21	34.76	54.07	74.00	-19.93	peak

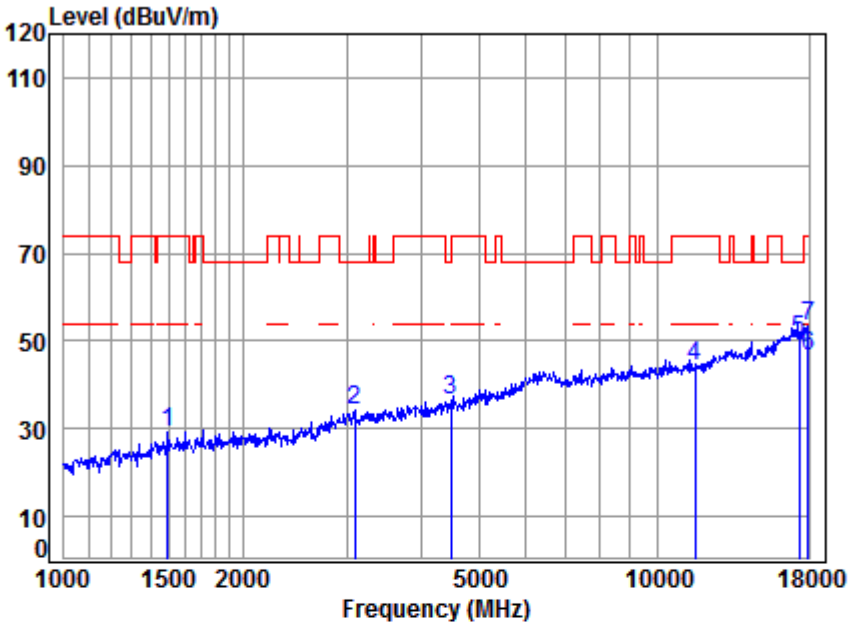
4.8.2.34 11N20_149 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5745 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1569.721	5.39	26.12	40.75	37.57	28.33	74.00	-45.67	peak
2	2990.531	5.97	30.86	41.40	38.12	33.55	68.20	-34.65	peak
3	4254.921	7.28	33.17	43.04	38.35	35.76	74.00	-38.24	peak
4	11490.000	12.13	37.90	38.49	32.05	43.59	74.00	-30.41	peak
5	17235.000	16.18	42.74	40.32	32.13	50.73	68.20	-17.47	peak
6	18000.000	16.13	43.50	40.20	27.51	46.94	54.00	-7.06	Average
7	18000.000	16.13	43.50	40.20	35.19	54.62	74.00	-19.38	peak

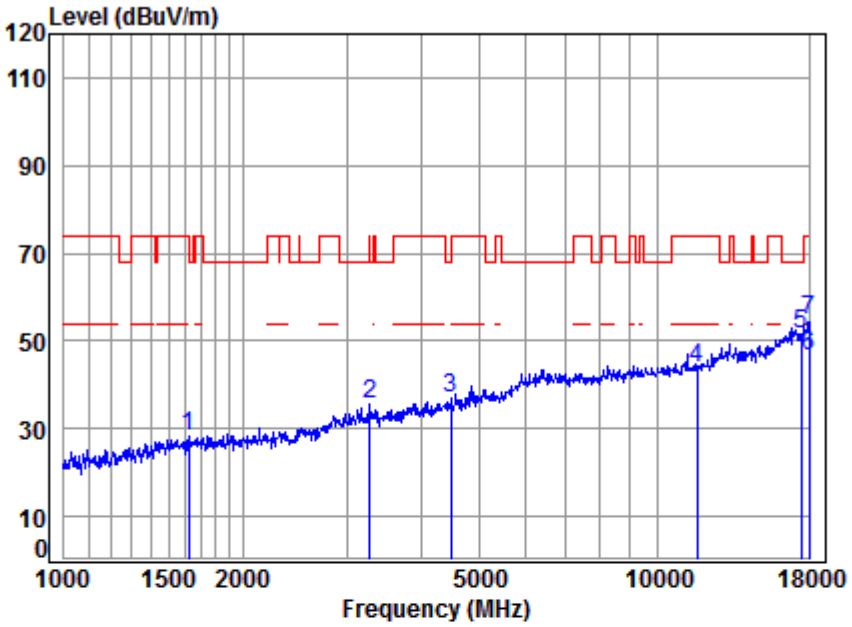
4.8.2.35 11N20_157 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5785 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1494.455	5.46	25.78	40.70	38.45	28.99	74.00	-45.01	peak
2	3087.140	6.07	31.05	41.53	38.84	34.43	68.20	-33.77	peak
3	4495.125	7.55	33.59	43.30	38.46	36.30	68.20	-31.90	peak
4	11570.000	12.17	37.87	38.52	32.69	44.21	74.00	-29.79	peak
5	17355.000	15.92	42.81	40.30	31.96	50.39	68.20	-17.81	peak
6	17948.050	16.08	43.44	40.21	27.03	46.34	54.00	-7.66	Average
7	17948.050	16.08	43.44	40.21	34.29	53.60	74.00	-20.40	peak

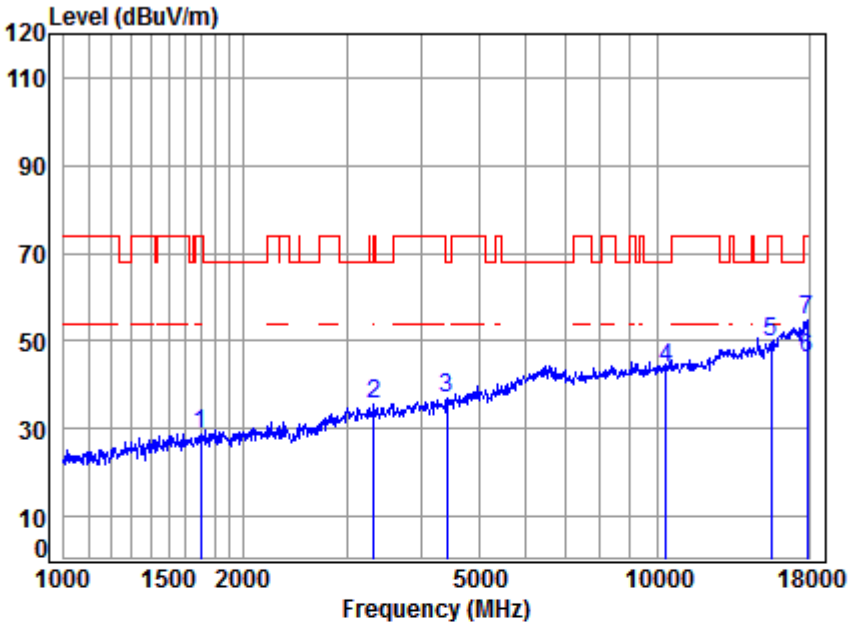
4.8.2.36 11N20_165 _Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : C0005
Mode : 5825 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1620.431	5.32	26.34	40.78	37.42	28.30	74.00	-45.70	peak
2	3280.326	6.26	31.36	41.82	39.64	35.44	68.20	-32.76	peak
3	4482.150	7.54	33.57	43.29	39.27	37.09	68.20	-31.11	peak
4	11650.000	12.20	37.84	38.55	32.14	43.63	74.00	-30.37	peak
5	17475.000	15.65	42.89	40.28	33.31	51.57	68.20	-16.63	peak
6	18000.000	16.13	43.50	40.20	27.33	46.76	54.00	-7.24	Average
7	18000.000	16.13	43.50	40.20	35.37	54.80	74.00	-19.20	peak

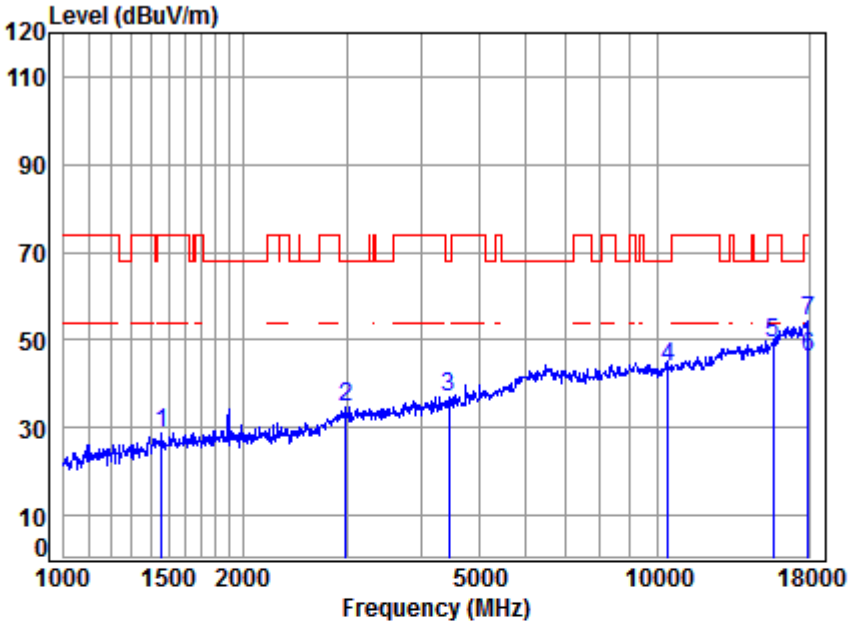
4.8.2.37 11N20_36 _Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5180 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1702.042	5.23	26.68	40.83	37.79	28.87	74.00	-45.13	peak
2	3328.077	6.30	31.44	41.89	39.79	35.64	68.20	-32.56	peak
3	4417.841	7.47	33.46	43.22	39.28	36.99	68.20	-31.21	peak
4	10360.000	11.19	37.76	37.97	32.71	43.69	68.20	-24.51	peak
5	15540.000	14.30	40.72	40.60	35.11	49.53	74.00	-24.47	peak
6	17896.250	16.02	43.38	40.22	26.97	46.15	54.00	-7.85	Average
7	17896.250	16.02	43.38	40.22	35.38	54.56	74.00	-19.44	peak

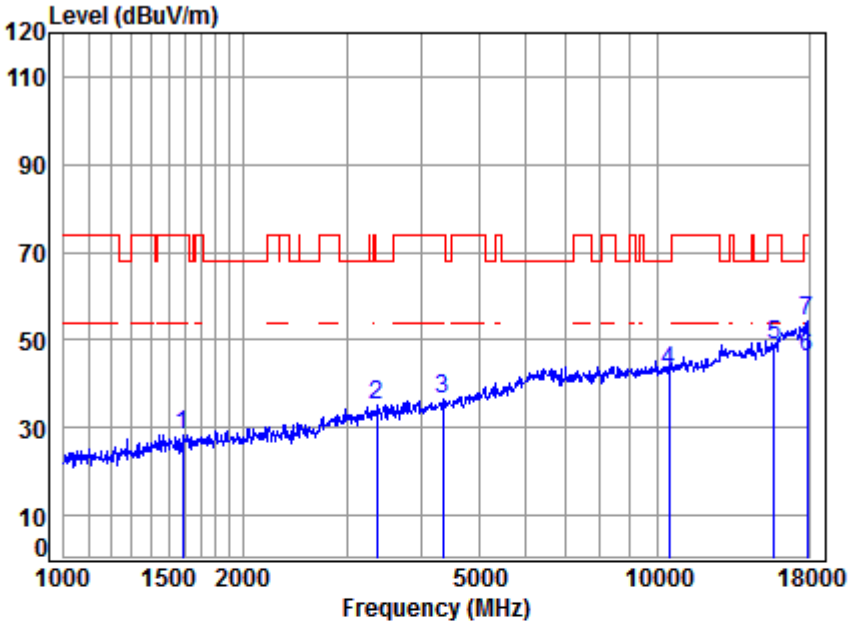
4.8.2.38 11N20_44 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5220 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1460.295	5.35	25.65	40.68	38.58	28.90	74.00	-45.10	peak
2	2990.531	5.97	30.86	41.40	39.20	34.63	68.20	-33.57	peak
3	4456.315	7.51	33.53	43.26	39.26	37.04	68.20	-31.16	peak
4	10440.000	11.25	37.72	38.01	32.88	43.84	68.20	-24.36	peak
5	15660.000	14.48	40.80	40.58	34.58	49.28	74.00	-24.72	peak
6	17948.050	16.08	43.44	40.21	26.91	46.22	54.00	-7.78	Average
7	17948.050	16.08	43.44	40.21	35.17	54.48	74.00	-19.52	peak

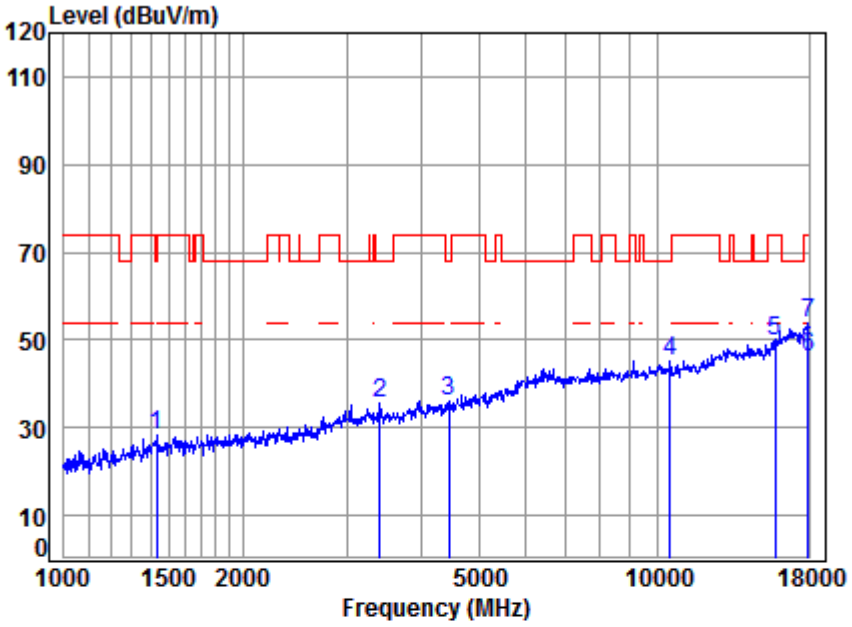
4.8.2.39 11N20_48 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5240 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1583.392	5.37	26.18	40.76	37.58	28.37	74.00	-45.63	peak
2	3366.778	6.34	31.50	41.94	39.17	35.07	68.20	-33.13	peak
3	4354.454	7.40	33.35	43.15	39.03	36.63	74.00	-37.37	peak
4	10480.000	11.28	37.71	38.03	31.85	42.81	68.20	-25.39	peak
5	15720.000	14.57	40.83	40.57	33.77	48.60	74.00	-25.40	peak
6	17896.250	16.02	43.38	40.22	26.70	45.88	54.00	-8.12	Average
7	17896.250	16.02	43.38	40.22	34.97	54.15	74.00	-19.85	peak

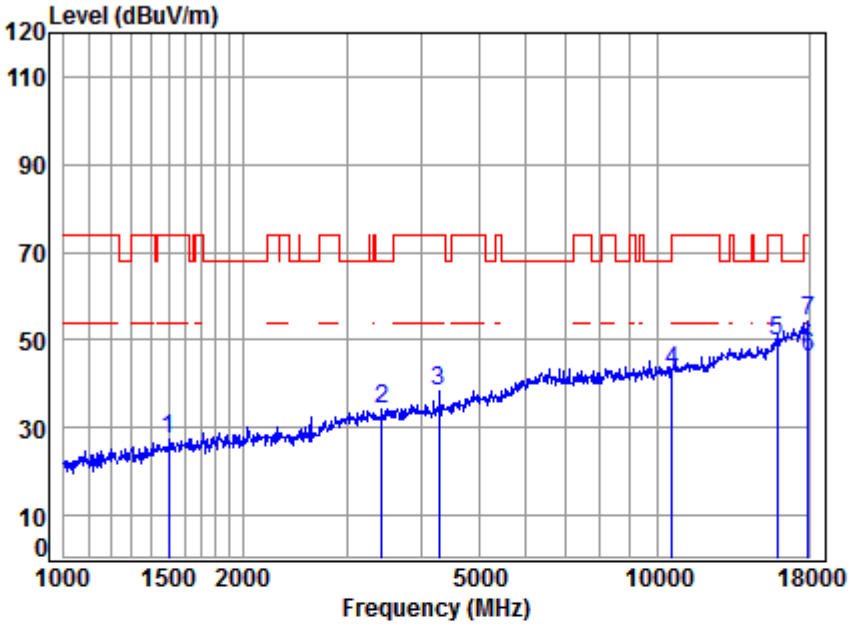
4.8.2.40 11N20_52 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1431.047	5.26	25.54	40.66	37.93	28.07	68.20	-40.13	peak
2	3405.929	6.38	31.56	42.00	39.69	35.63	68.20	-32.57	peak
3	4456.315	7.51	33.53	43.26	38.18	35.96	68.20	-32.24	peak
4	10520.000	11.30	37.70	38.05	34.29	45.24	68.20	-22.96	peak
5	15780.000	14.66	40.87	40.56	34.78	49.75	74.00	-24.25	peak
6	17948.050	16.08	43.44	40.21	26.61	45.92	54.00	-8.08	Average
7	17948.050	16.08	43.44	40.21	34.74	54.05	74.00	-19.95	peak

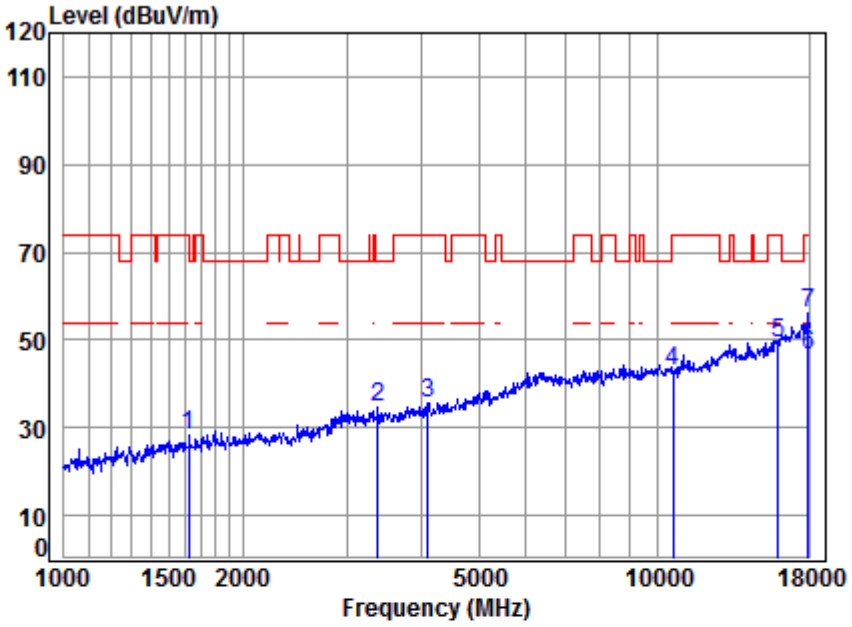
4.8.2.41 11N20_60 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1503.119	5.48	25.81	40.71	36.91	27.49	74.00	-46.51	peak
2	3435.590	6.40	31.60	42.04	38.10	34.06	68.20	-34.14	peak
3	4291.977	7.33	33.24	43.08	40.71	38.20	74.00	-35.80	peak
4	10600.000	11.36	37.72	38.09	31.76	42.75	68.20	-25.45	peak
5	15900.000	14.84	40.94	40.54	34.40	49.64	74.00	-24.36	peak
6	17948.050	16.08	43.44	40.21	26.76	46.07	54.00	-7.93	Average
7	17948.050	16.08	43.44	40.21	34.92	54.23	74.00	-19.77	peak

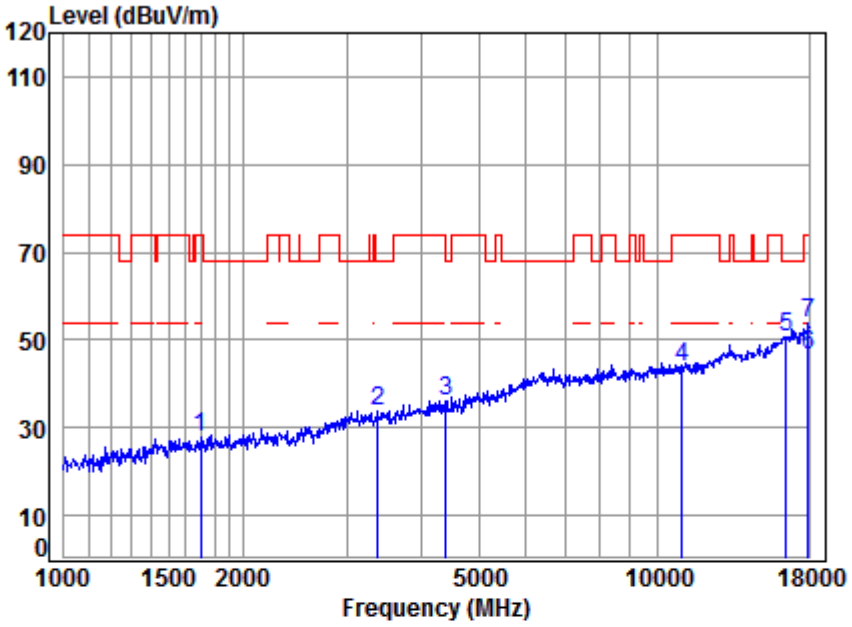
4.8.2.42 11N20_64 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1625.121	5.32	26.36	40.79	37.33	28.22	74.00	-45.78	peak
2	3376.523	6.35	31.51	41.96	39.00	34.90	68.20	-33.30	peak
3	4098.010	7.10	32.88	42.87	38.57	35.68	74.00	-38.32	peak
4	10640.000	11.39	37.73	38.11	32.07	43.08	74.00	-30.92	peak
5	15960.000	14.93	40.98	40.53	33.68	49.06	74.00	-24.94	peak
6	17948.050	16.08	43.44	40.21	27.42	46.73	54.00	-7.27	Average
7	17948.050	16.08	43.44	40.21	36.80	56.11	74.00	-17.89	peak

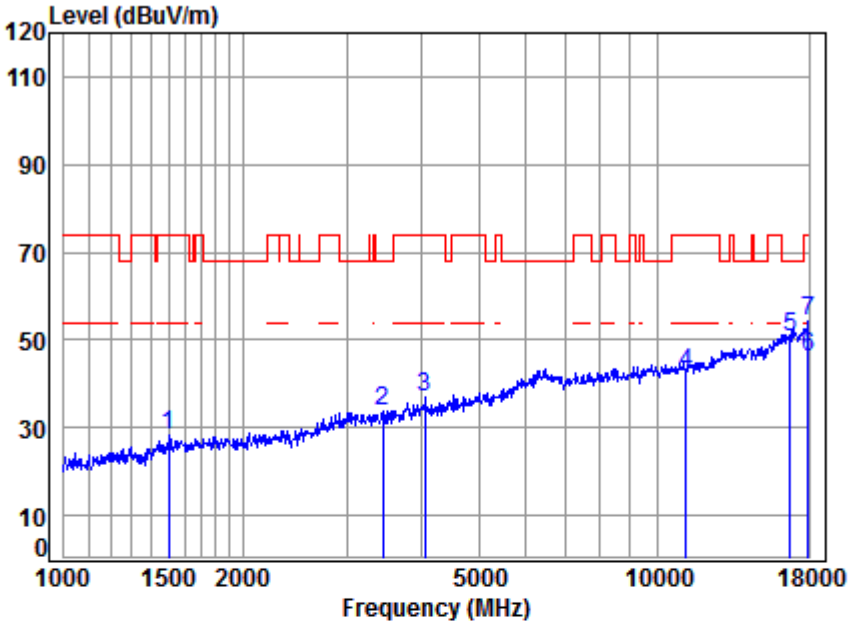
4.8.2.43 11N20_100 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1697.129	5.23	26.66	40.83	36.62	27.68	74.00	-46.32	peak
2	3376.523	6.35	31.51	41.96	37.97	33.87	68.20	-34.33	peak
3	4405.090	7.46	33.44	43.20	38.56	36.26	68.20	-31.94	peak
4	11000.000	11.63	37.80	38.27	32.47	43.63	74.00	-30.37	peak
5	16500.000	14.50	42.20	40.44	34.29	50.55	68.20	-17.65	peak
6	17948.050	16.08	43.44	40.21	27.43	46.74	54.00	-7.26	Average
7	17948.050	16.08	43.44	40.21	34.69	54.00	74.00	-20.00	peak

4.8.2.44 11N20_116 _ Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : C0005
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1498.781	5.48	25.80	40.71	37.53	28.10	74.00	-45.90	peak
2	3445.535	6.41	31.62	42.05	37.64	33.62	68.20	-34.58	peak
3	4062.629	7.06	32.82	42.82	39.84	36.90	74.00	-37.10	peak
4	11160.000	11.80	37.83	38.34	31.26	42.55	74.00	-31.45	peak
5	16740.000	15.57	42.39	40.40	33.26	50.82	68.20	-17.38	peak
6	17948.050	16.08	43.44	40.21	26.73	46.04	54.00	-7.96	Average
7	17948.050	16.08	43.44	40.21	35.15	54.46	74.00	-19.54	peak