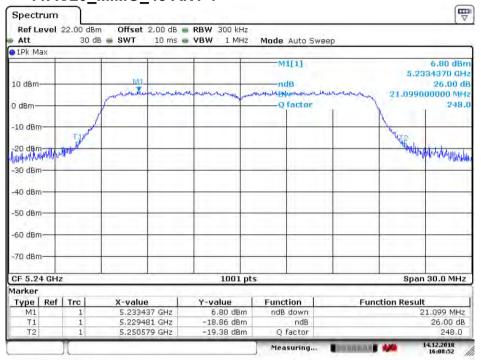
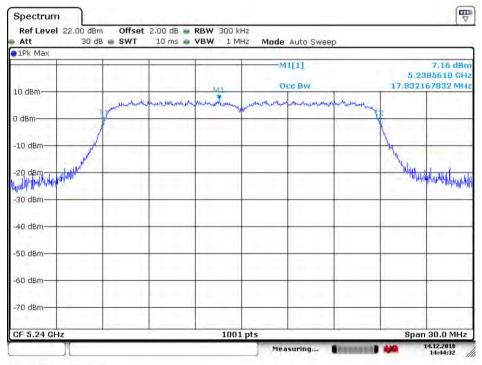
Report No.: HR/2018/C000503

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4.5.2.122 11AC20 MIMO 48 ANT 1



Date: 14.DEC.2018 16:08:52

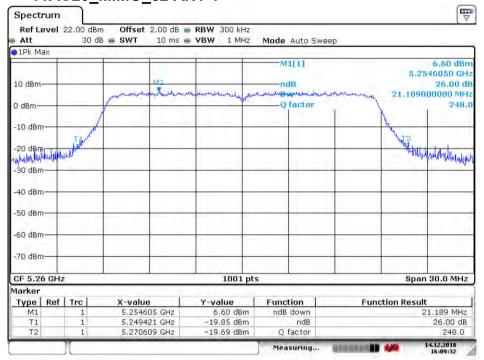


Date: 14.DEC.2018 14:44:32

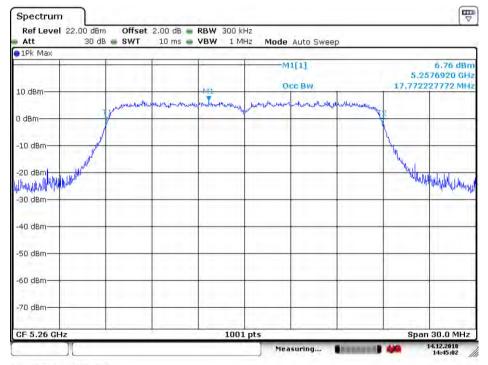
Report No.: HR/2018/C000503

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4.5.2.123 11AC20_MIMO_52 ANT 1



Date: 14.DEC.2018 16:09:32

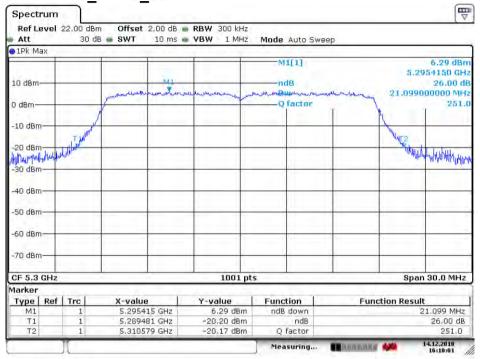


Date: 14.DEC.2018 14:45:02

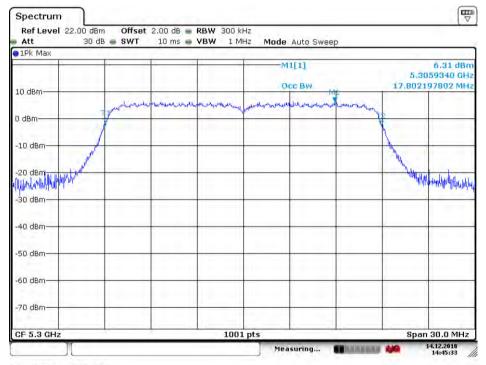
Report No.: HR/2018/C000503

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4.5.2.124 11AC20 MIMO 60 ANT 1



Date: 14.DEC.2018 16:10:01

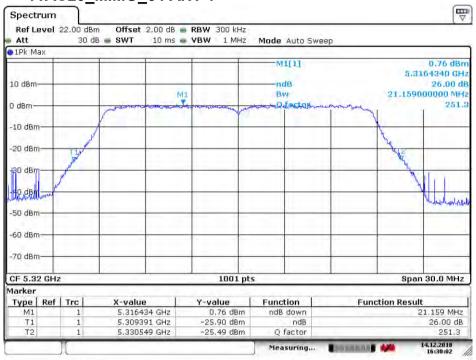


Date: 14.DEC.2018 14:45:33

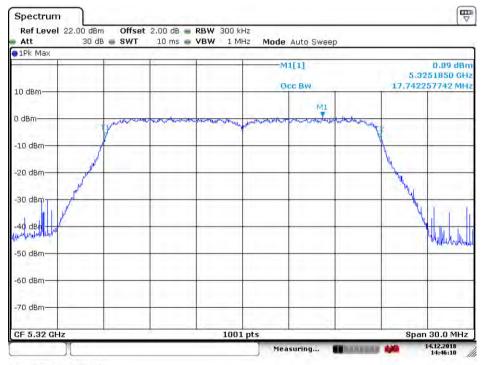
Report No.: HR/2018/C000503

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4.5.2.125 11AC20_MIMO_64 ANT 1



Date: 14.DEC.2018 16:30:02



Date: 14.DEC.2018 14:46:10

Report No.: HR/2018/C000503

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4.5.2.126 11AC20_MIMO_100 ANT 1



Date: 14.DEC.2018 16:30:33

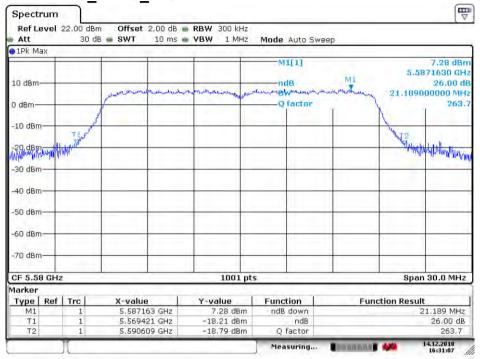


Date: 14.DEC.2018 14:46:34

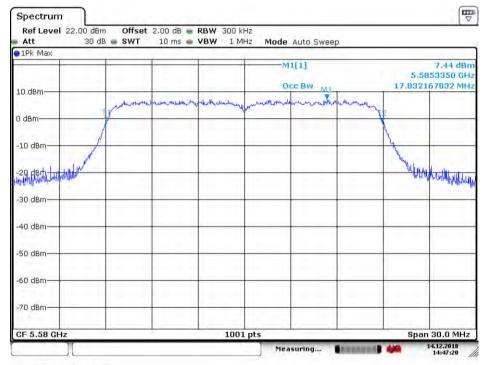
Report No.: HR/2018/C000503

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4.5.2.127 11AC20_MIMO_116 ANT 1



Date: 14.DEC.2018 16:31:07



Date: 14.DEC.2018 14:47:21

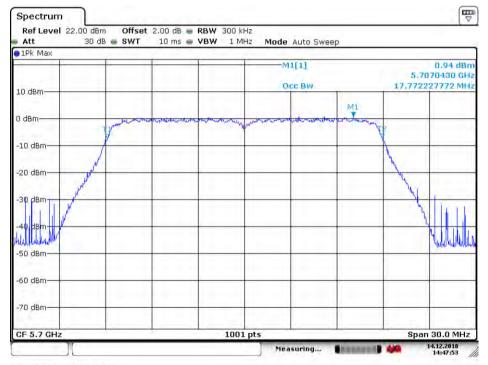
Report No.: HR/2018/C000503

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4.5.2.128 11AC20_MIMO_140 ANT 1



Date: 14.DEC.2018 16:31:35

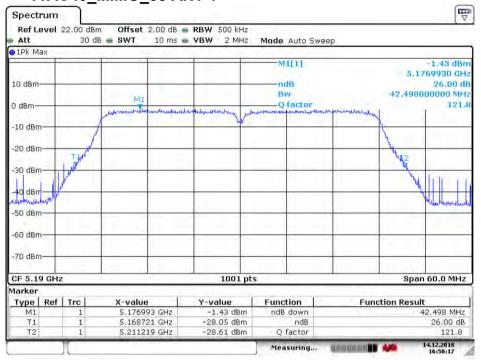


Date: 14.DEC.2018 14:47:54

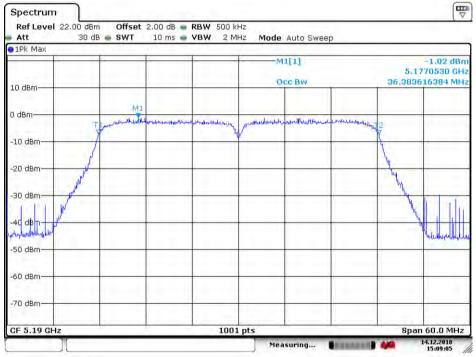
Report No.: HR/2018/C000503

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4.5.2.129 11AC40_MIMO_38 ANT 1



Date: 14.DEC.2018 16:50:18

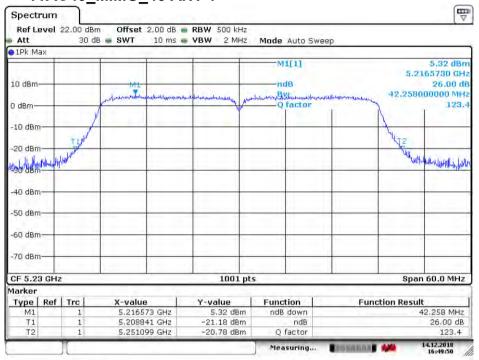


Date: 14.DEC.2018 15:09:05

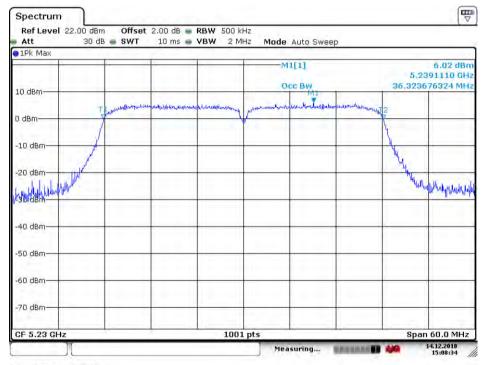
Report No.: HR/2018/C000503

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4.5.2.130 11AC40 MIMO 46 ANT 1



Date: 14.DEC.2018 16:49:51

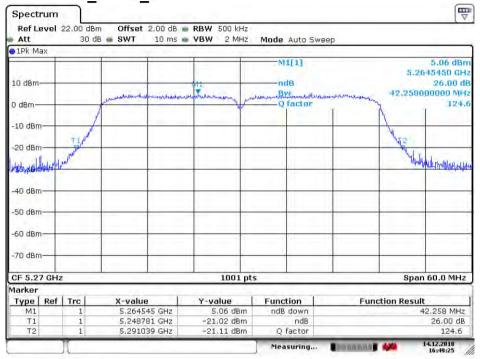


Date: 14.DEC.2018 15:08:34

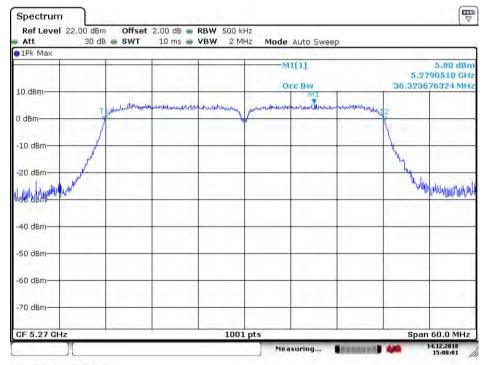
Report No.: HR/2018/C000503

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4.5.2.131 11AC40 MIMO 54 ANT 1



Date: 14.DEC.2018 16:49:25



Date: 14.DEC.2018 15:08:02

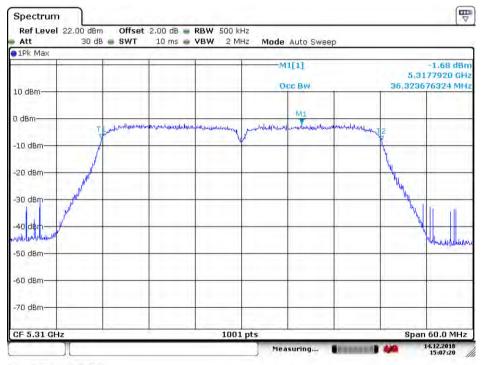
Report No.: HR/2018/C000503

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4.5.2.132 11AC40_MIMO_62 ANT 1



Date: 14.DEC.2018 16:48:56

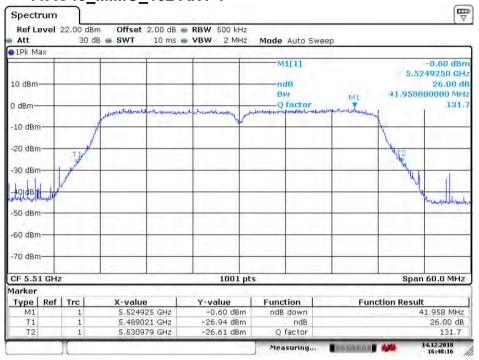


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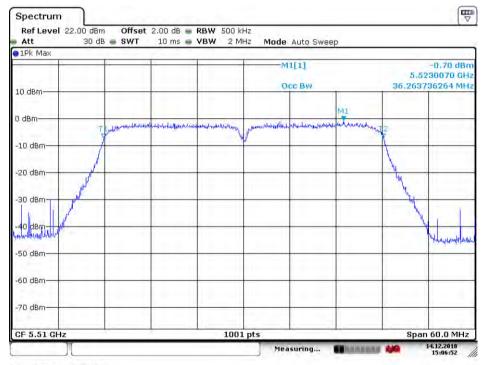
Report No.: HR/2018/C000503

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4.5.2.133 11AC40_MIMO_102 ANT 1



Date: 14.DEC.2018 16:48:16

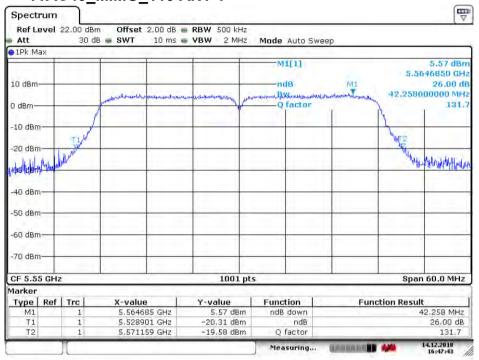


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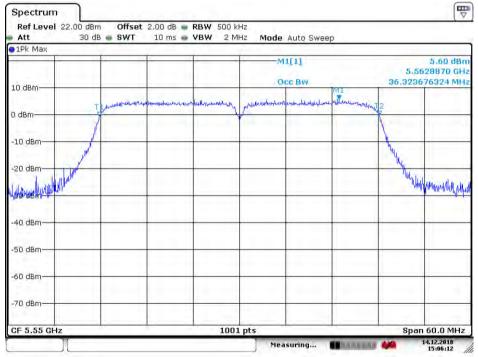
Report No.: HR/2018/C000503

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4.5.2.134 11AC40_MIMO_110 ANT 1



Date: 14.DEC.2018 16:47:44



Date: 14.DEC.2018 15:06:12

Report No.: HR/2018/C000503

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4.5.2.135 11AC40_MIMO_134 ANT 1



Date: 14.DEC.2018 16:47:05



Date: 14.DEC.2018 15:05:42

Report No.: HR/2018/C000503

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4.5.2.136 11AC80 MIMO 42 ANT 1



Date: 14.DEC.2018 16:51:52



Date: 14.DEC.2018 15:10:16

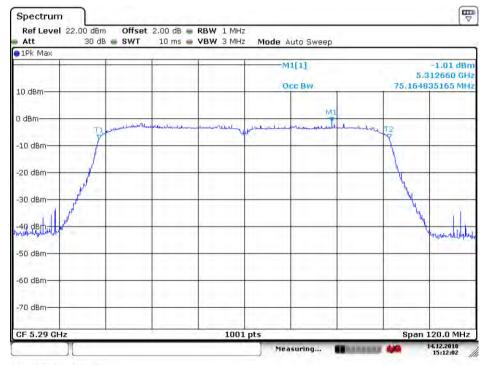
Report No.: HR/2018/C000503

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4.5.2.137 11AC80 MIMO 58 ANT 1



Date: 14.DEC.2018 16:52:37

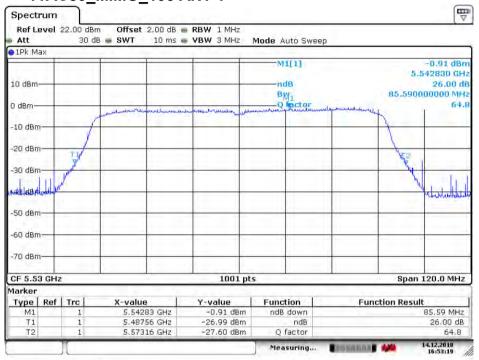


Date: 14.DEC.2018 15:12:03

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4.5.2.138 11AC80_MIMO_106 ANT 1



Date: 14.DEC.2018 16:53:19



Date: 14.DEC.2018 15:12:34

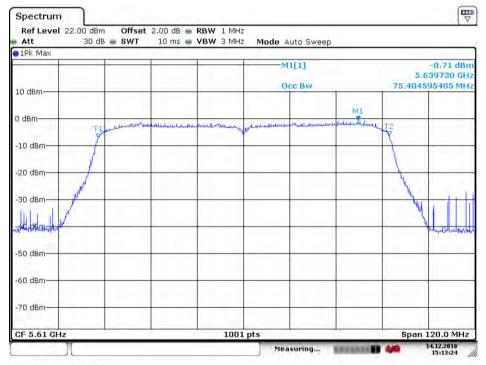
Report No.: HR/2018/C000503

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4.5.2.139 11AC80_MIMO_122 ANT 1



Date: 14.DEC.2018 16:54:02

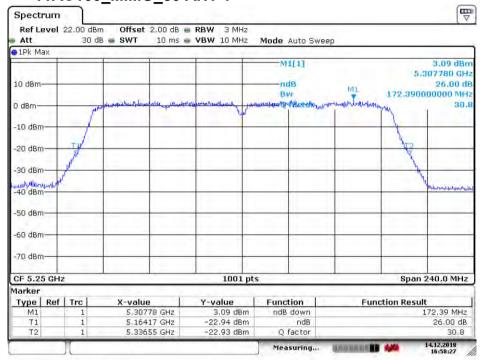


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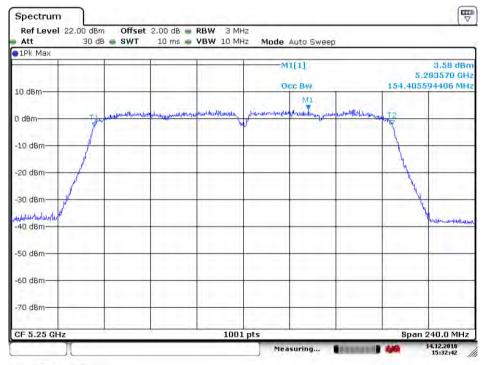
Report No.: HR/2018/C000503

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4.5.2.140 11AC160_MIMO_50 ANT 1



Date: 14.DEC.2018 16:58:28



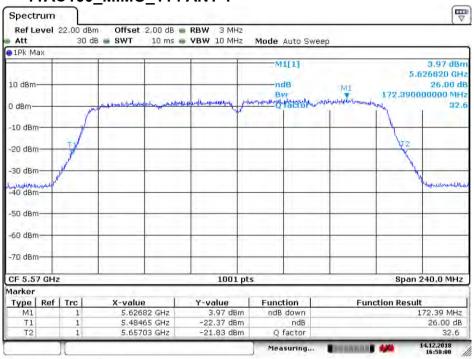
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Report No.: HR/2018/C000503

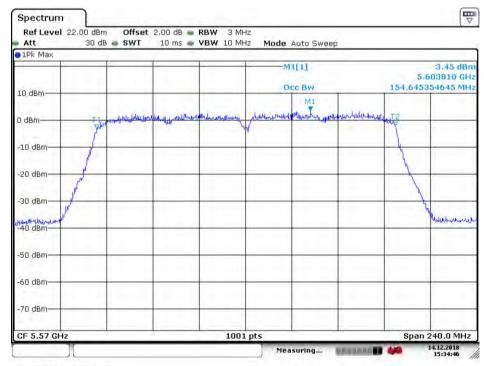
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4.5.2.141 11/

11AC160_MIMO_114 ANT 1



Date: 14.DEC.2018 16:58:00



Date: 14.DEC.2018 15:34:46

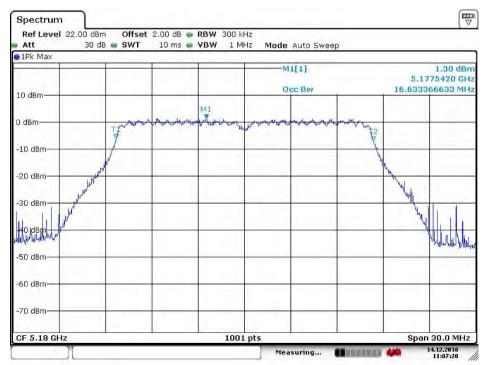
Report No.: HR/2018/C000503

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4.5.2.142 11A20 CDD 36 ANT 2



Date: 14.DEC.2018 15:51:17

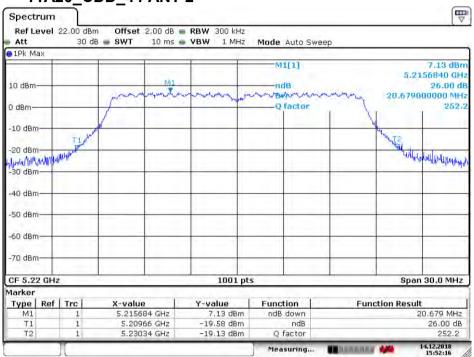


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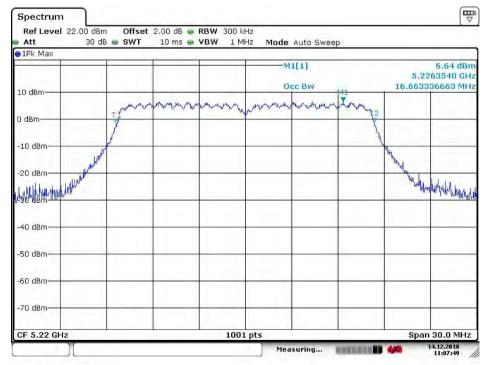
Report No.: HR/2018/C000503

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4.5.2.143 11A20_CDD_44 ANT 2



Date: 14.DEC.2018 15:52:17

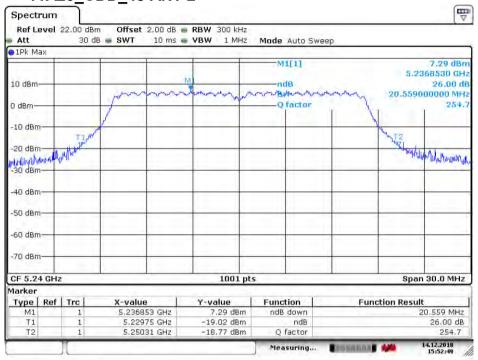


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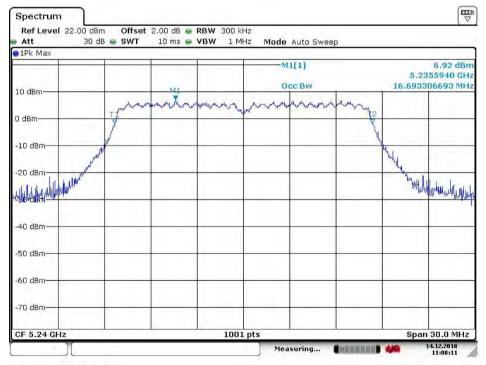
Report No.: HR/2018/C000503

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4.5.2.144 11A20 CDD 48 ANT 2



Date: 14.DEC.2018 15:52:49

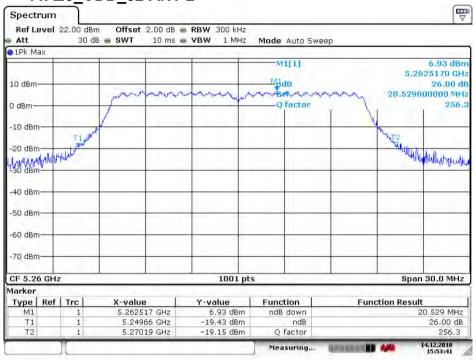


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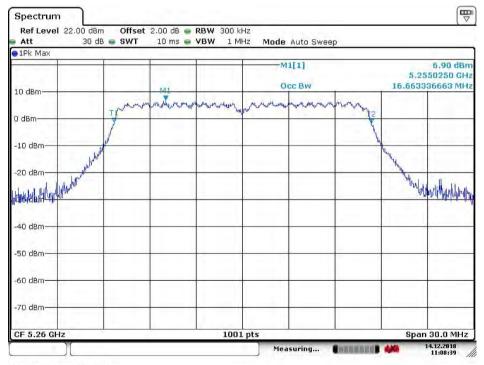
Report No.: HR/2018/C000503

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4.5.2.145 11A20 CDD 52 ANT 2



Date: 14.DEC.2018 15:53:41

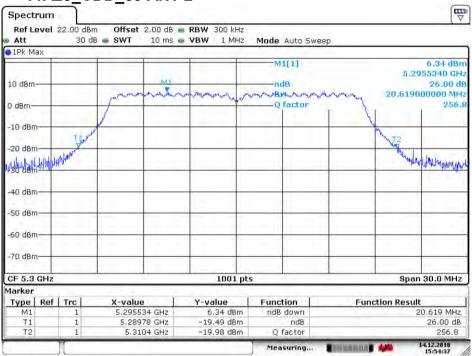


Date: 14.DEC.2018 11:08:40

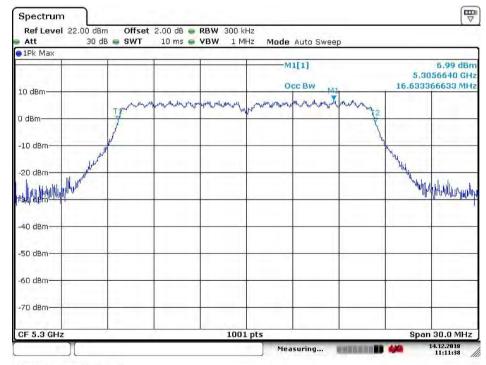
Report No.: HR/2018/C000503

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4.5.2.146 11A20_CDD_60 ANT 2



Date: 14.DEC.2018 15:54:38

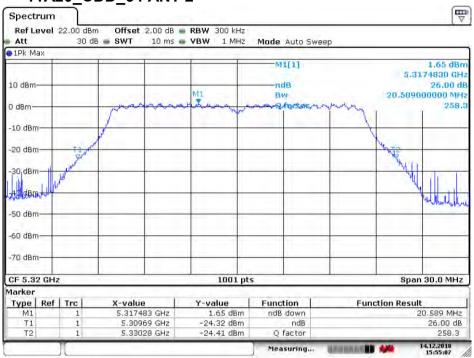


Date: 14.DEC.2018 11:11:38

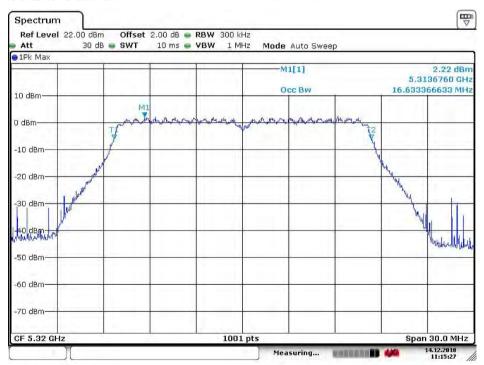
Report No.: HR/2018/C000503

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4.5.2.147 11A20_CDD_64 ANT 2



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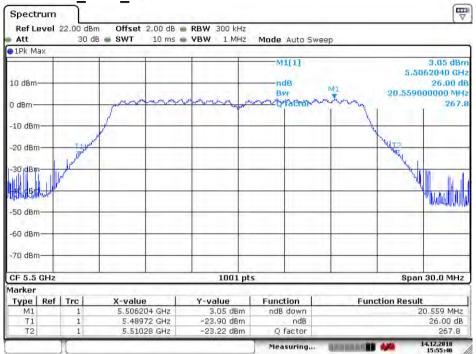


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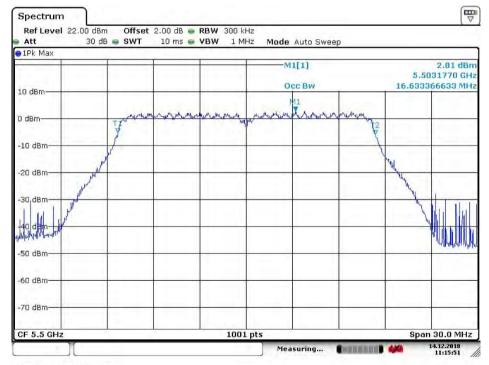
Report No.: HR/2018/C000503

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4.5.2.148 11A20_CDD_100 ANT 2



Date: 14.DEC.2018 15:55:40



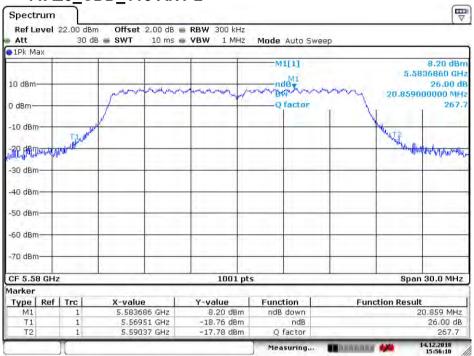
Date: 14.DEC.2018 11:15:52



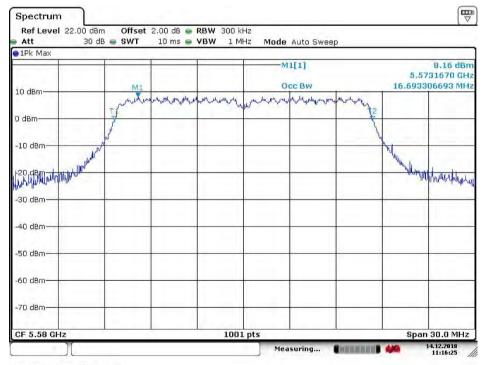
Report No.: HR/2018/C000503

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4.5.2.149 11A20_CDD_116 ANT 2



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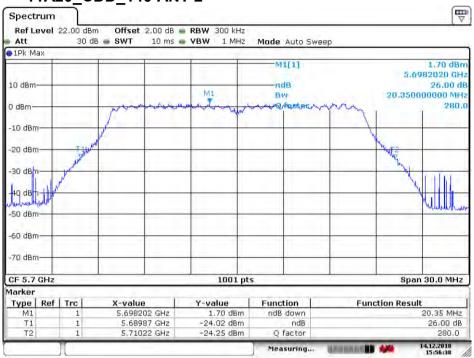


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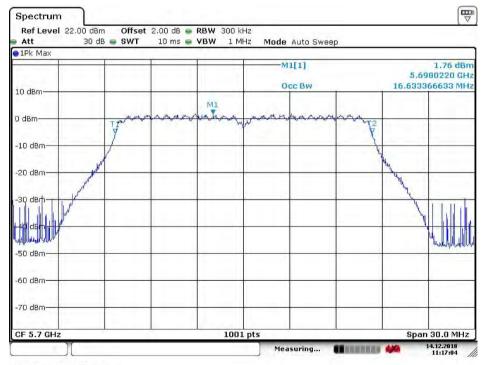
Report No.: HR/2018/C000503

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4.5.2.150 11A20_CDD_140 ANT 2



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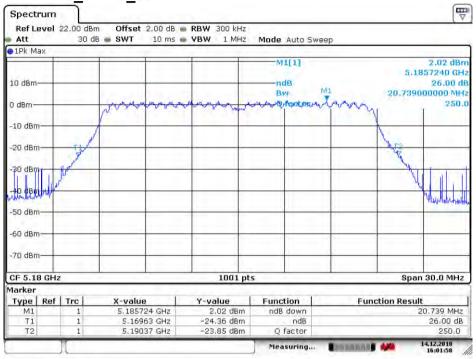


Date: 14.DEC.2018 11:17:05

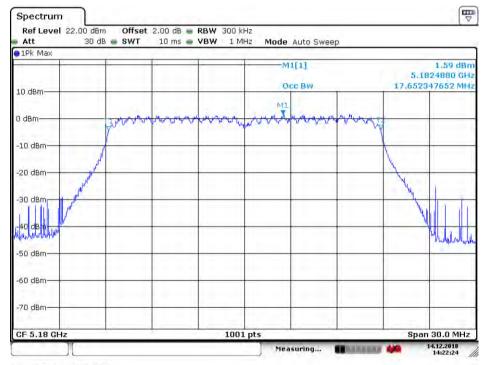
Report No.: HR/2018/C000503

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4.5.2.151 11N20_MIMO_36 ANT 2



Date: 14.DEC.2018 16:01:59

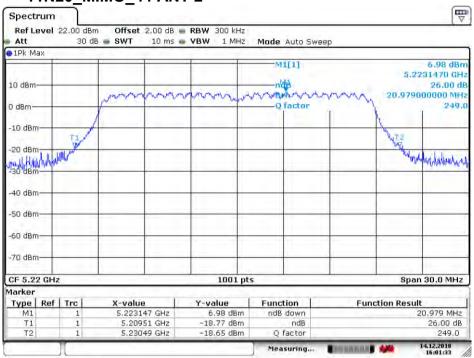


Date: 14.DEC.2018 14:22:25

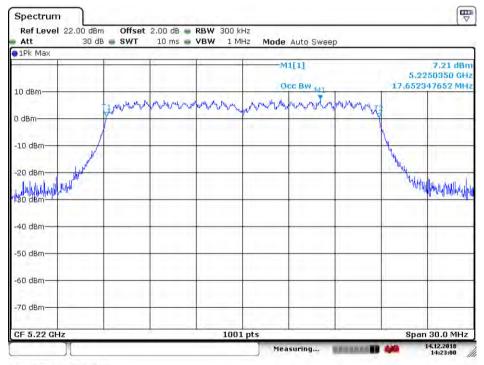
Report No.: HR/2018/C000503

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4.5.2.152 11N20 MIMO 44 ANT 2



Date: 14.DEC.2018 16:01:33

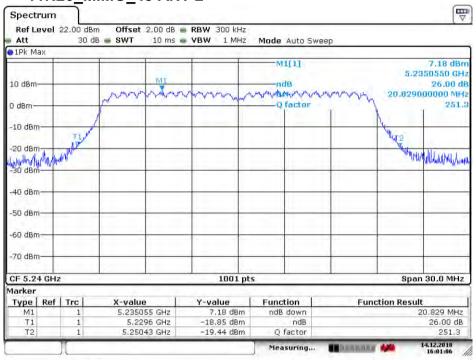


Date: 14.DEC.2018 14:23:00

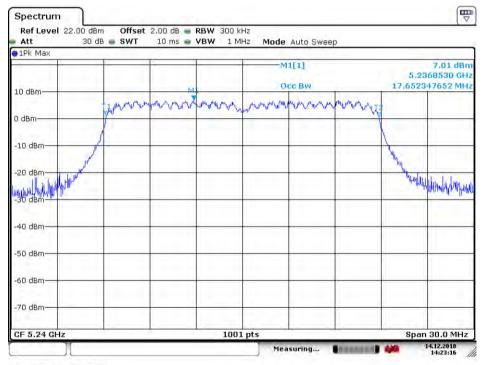
Report No.: HR/2018/C000503

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4.5.2.153 11N20 MIMO 48 ANT 2



Date: 14.DEC.2018 16:01:06

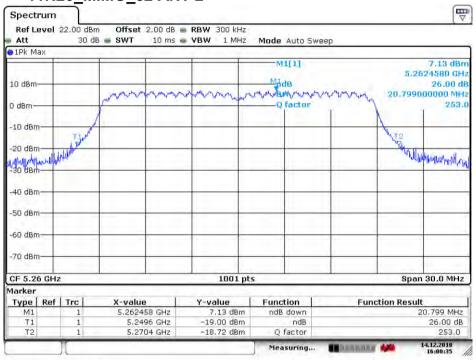


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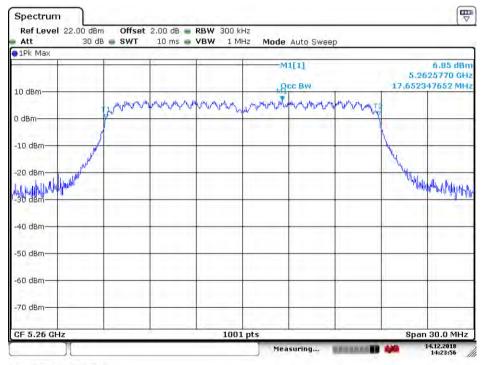
Report No.: HR/2018/C000503

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4.5.2.154 11N20_MIMO_52 ANT 2



Date: 14.DEC.2018 16:00:36

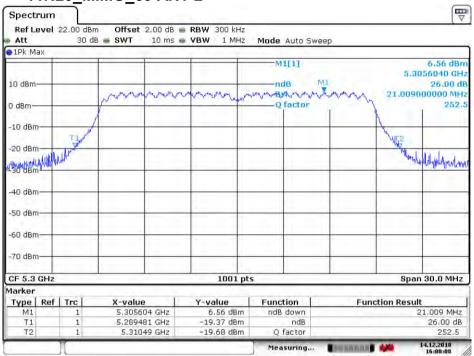


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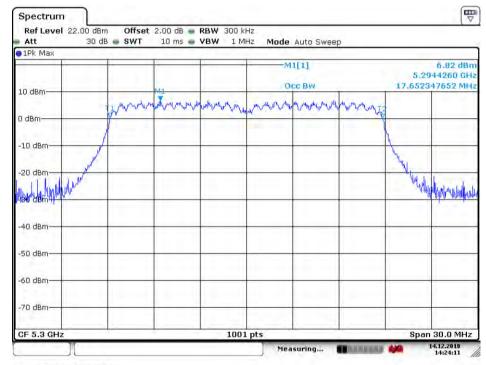
Report No.: HR/2018/C000503

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4.5.2.155 11N20_MIMO_60 ANT 2



Date: 14.DEC.2018 16:00:08

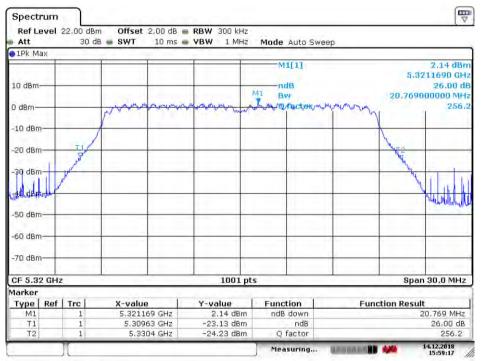


Date: 14.DEC.2018 14:24:12

Report No.: HR/2018/C000503

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4.5.2.156 11N20_MIMO_64 ANT 2



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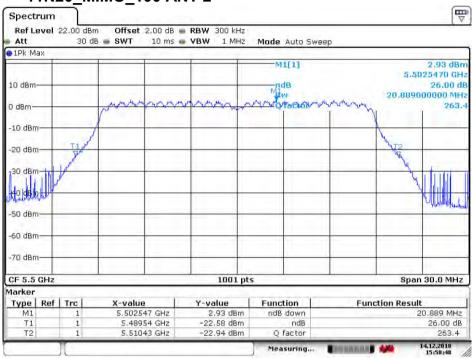


Date: 14.DEC.2018 14:24:28

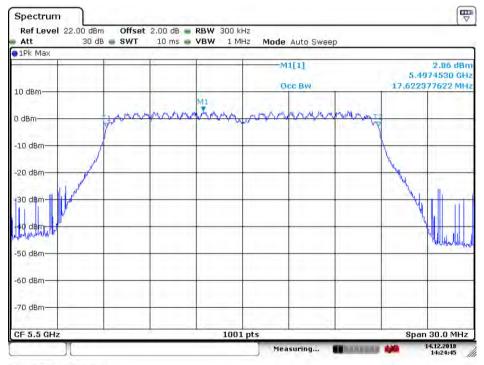
Report No.: HR/2018/C000503

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4.5.2.157 11N20_MIMO_100 ANT 2



Date: 14.DEC.2018 15:58:48



Date: 14.DEC.2018 14:24:46

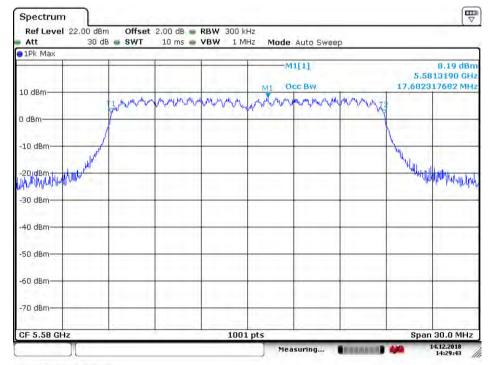
Report No.: HR/2018/C000503

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4.5.2.158 11

11N20_MIMO_116 ANT 2 **P** Spectrum Ref Level 22.00 dBm Offset 2.00 dB RBW 300 kHz 30 dB - SWT 10 ms - VBW 1 MHz Att Mode Auto Sweep ●1Pk Max 8.56 dBn 5.5749650 GH 10 dBm ndB NABOVAN 26.00 de 21.129000000 MH O factor 263.9 0 dBm -10 dBm in the state of th MALTINA AND BELLEVILLE 40 dBm -50 dBm -60 dBm CF 5.58 GHz 1001 pts Span 30.0 MHz Marker Type | Ref | Trc Function **Function Result** X-value Y-value 21.129 MHz ndB down 5.569481 GHz -18.58 dBm ndB 26,00 dB 5.590609 GHz -17.49 dBm Q factor 263.9 14.12.2018 Measuring...

Date: 14.DEC.2018 15:58:15

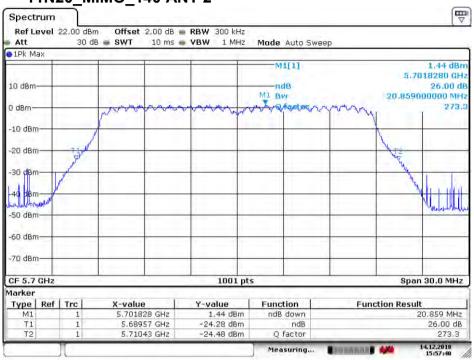


Date: 14.DEC.2018 14:29:43

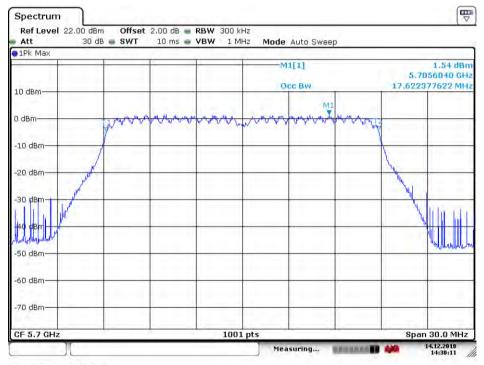
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4.5.2.159 11N20_MIMO_140 ANT 2



Date: 14.DEC.2018 15:57:40

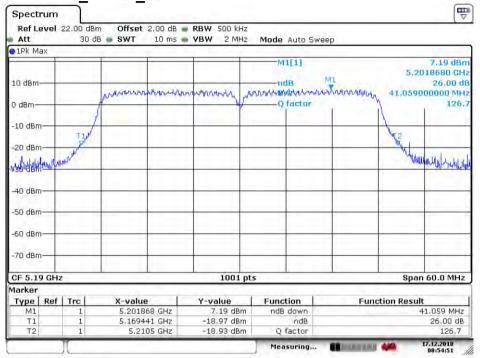


Date: 14.DEC.2018 14:30:11

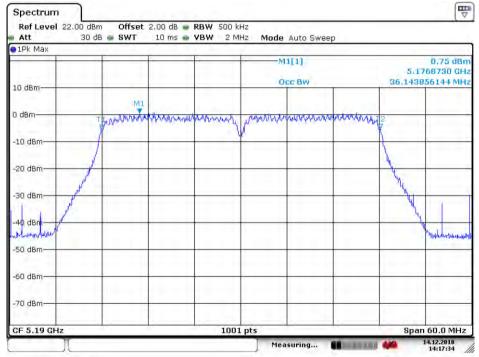
Report No.: HR/2018/C000503

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Date: 17.DEC.2018 08:54:51

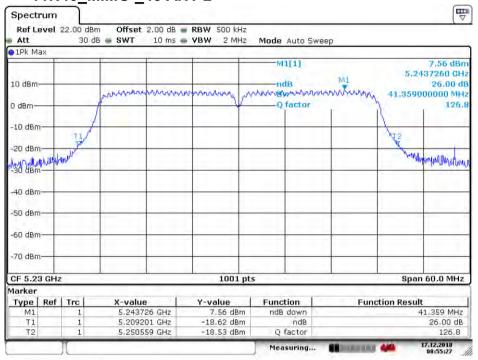


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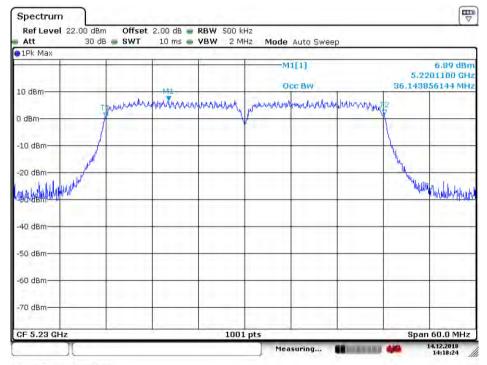
Report No.: HR/2018/C000503

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4.5.2.161 11N40_MIMO _46 ANT 2



Date: 17.DEC.2018 08:55:28

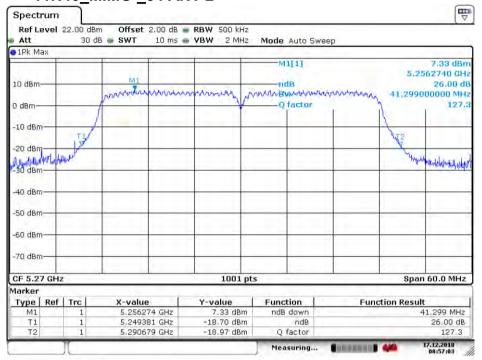


Date: 14.DEC:2018 14:18:24

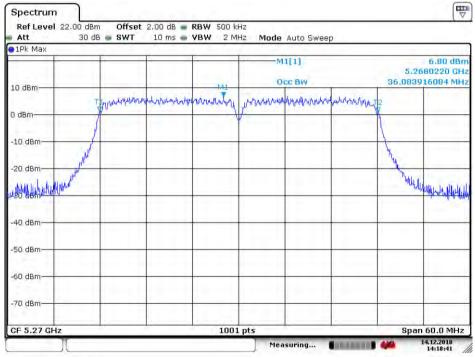
Report No.: HR/2018/C000503

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4.5.2.162 11N40_MIMO _54 ANT 2



Date: 17.DEC.2018 08:57:03

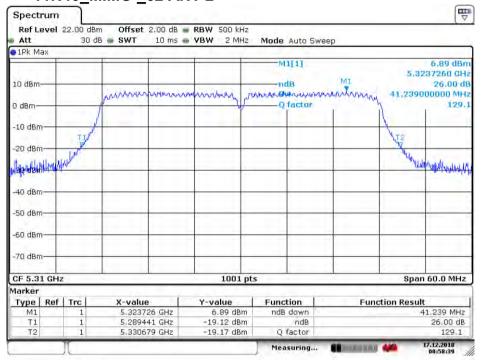


Date: 14.DEC.2018 14:18:42

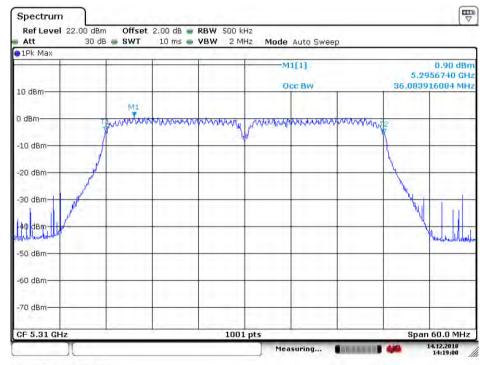
Report No.: HR/2018/C000503

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4.5.2.163 11N40_MIMO _62 ANT 2



Date: 17.DEC.2018 08:58:39



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

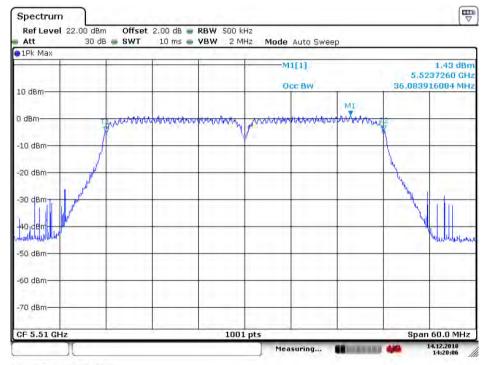
Report No.: HR/2018/C000503

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4.5.2.164 11N40_MIMO _102 ANT 2



Date: 17 DEC 2018 09:02:22

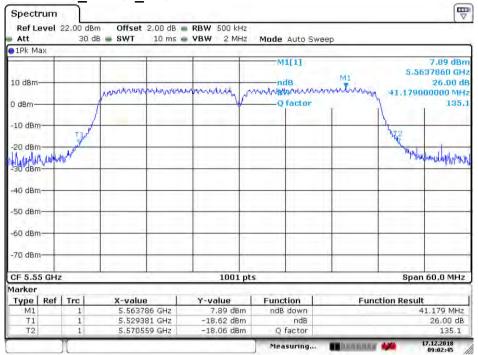


Date: 14.DEC.2018 14:20:07

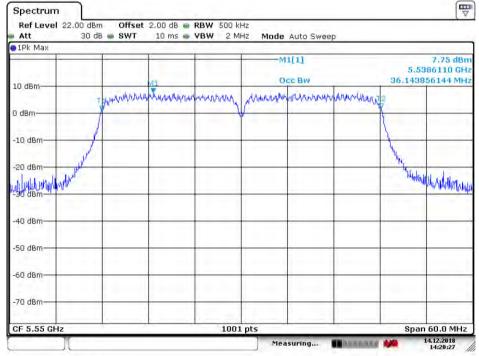
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4.5.2.165 11N40 MIMO 110 ANT 2



Date: 17 DEC.2018 09:02:46

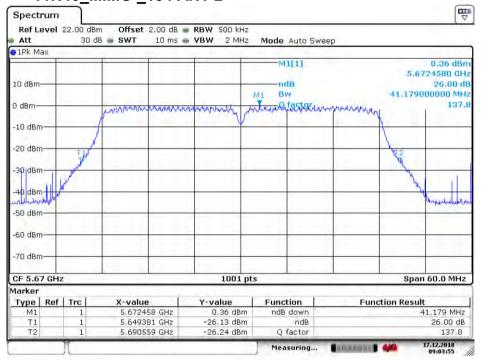


Date: 14.DEC.2018 14:20:27

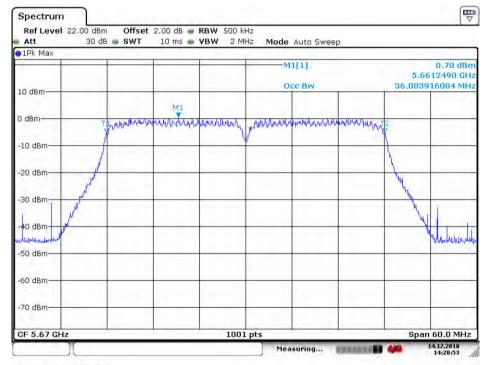
Report No.: HR/2018/C000503

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4.5.2.166 11N40_MIMO _134 ANT 2



Date: 17 DEC 2018 09:03:56

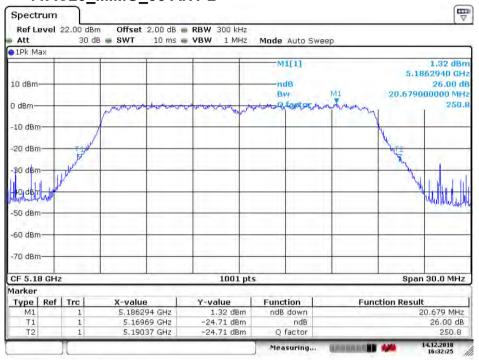


Date: 14.DEC.2018 14:20:53

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4.5.2.167 11AC20 MIMO 36 ANT 2



Date: 14.DEC.2018 16:32:25

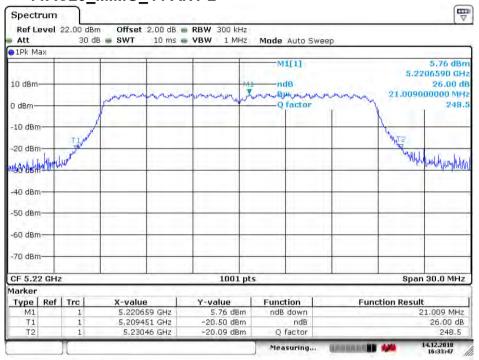


Date: 14.DEC.2018 14:55:59

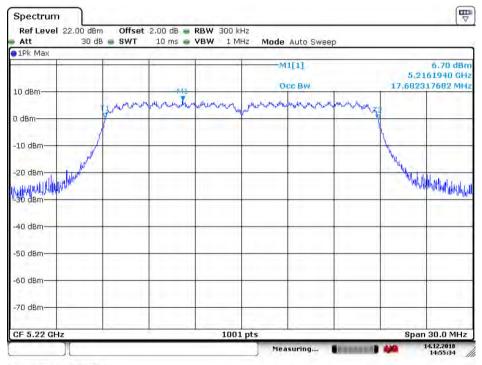
Report No.: HR/2018/C000503

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4.5.2.168 11AC20 MIMO 44 ANT 2



Date: 14.DEC.2018 16:33:48

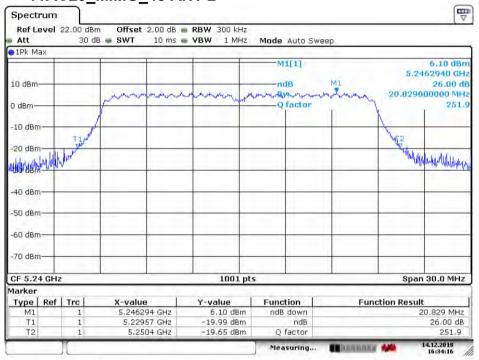


Date: 14.DEC.2018 14:55:35

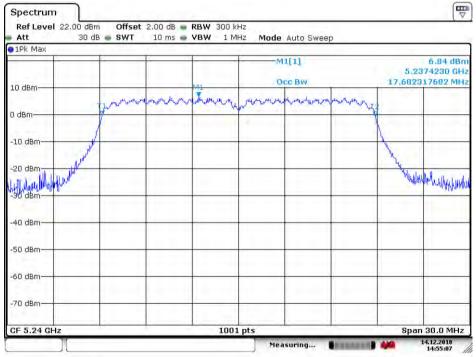
Report No.: HR/2018/C000503

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4.5.2.169 11AC20 MIMO 48 ANT 2



Date: 14.DEC.2018 16:34:16

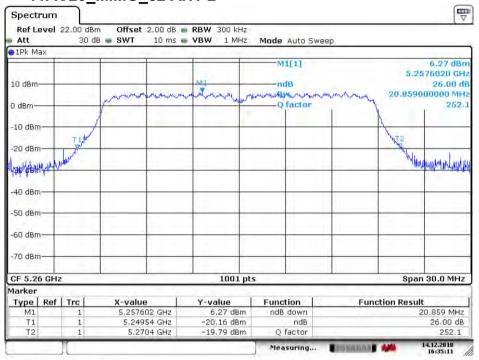


Date: 14.DEC.2018 14:55:08

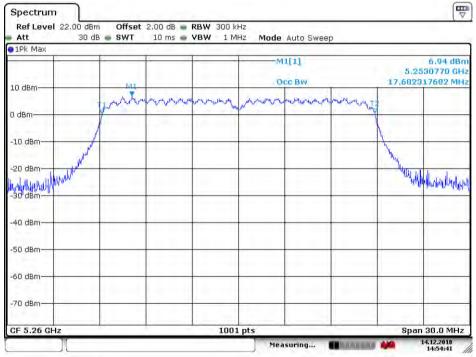
Report No.: HR/2018/C000503

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4.5.2.170 11AC20_MIMO_52 ANT 2



Date: 14.DEC.2018 16:35:12

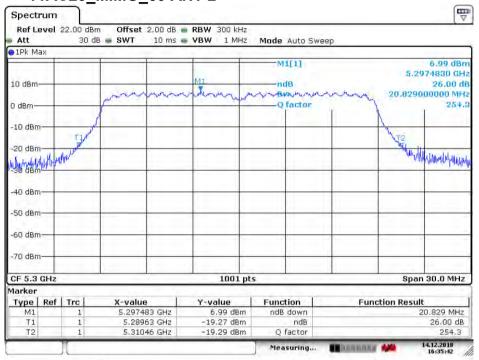


Date: 14.DEC.2018 14:54:42

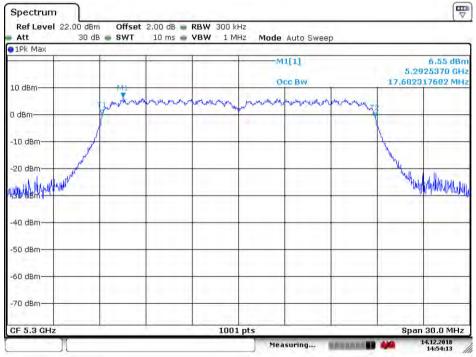
Report No.: HR/2018/C000503

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4.5.2.171 11AC20 MIMO 60 ANT 2



Date: 14.DEC.2018 16:35:42

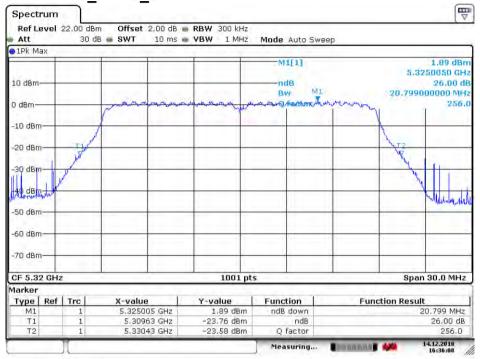


Date: 14.DEC.2018 14:54:13

Report No.: HR/2018/C000503

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4.5.2.172 11AC20 MIMO 64 ANT 2



Date: 14.DEC.2018 16:36:08

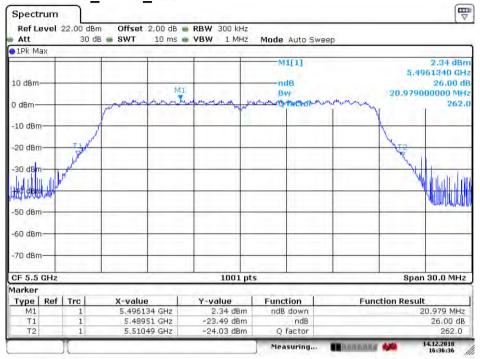


Date: 14.DEC.2018 14:53:48

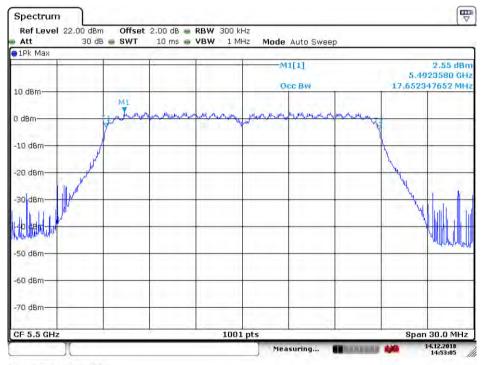
Report No.: HR/2018/C000503

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4.5.2.173 11AC20_MIMO_100 ANT 2



Date: 14.DEC.2018 16:36:36

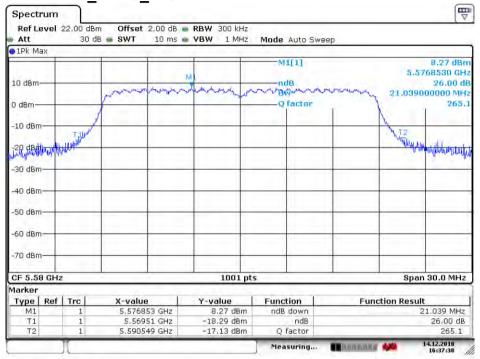


Date: 14.DEC.2018 14:53:06

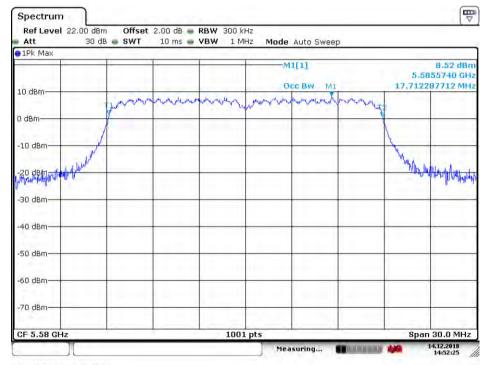
Report No.: HR/2018/C000503

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4.5.2.174 11AC20_MIMO_116 ANT 2



Date: 14.DEC.2018 16:37:39

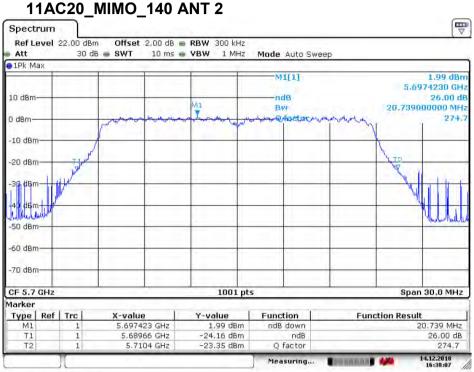


Date: 14.DEC.2018 14:52:26

Report No.: HR/2018/C000503

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4.5.2.175



Date: 14.DEC.2018 16:38:08

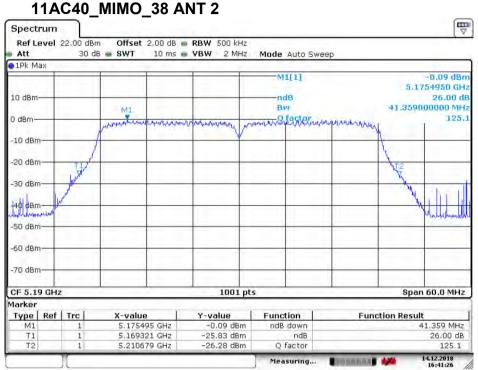


Date: 14.DEC.2018 14:51:49

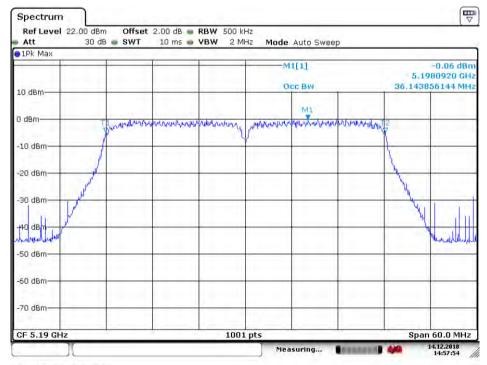
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4.5.2.176 11AC4



Date: 14.DEC.2018 16:41:26

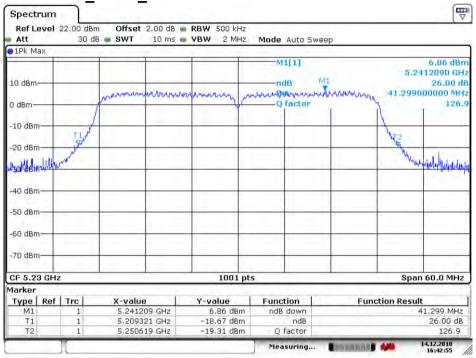


Date: 14.DEC.2018 14:57:54

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4.5.2.177 11AC40 MIMO 46 ANT 2



Date: 14.DEC.2018 16:42:56

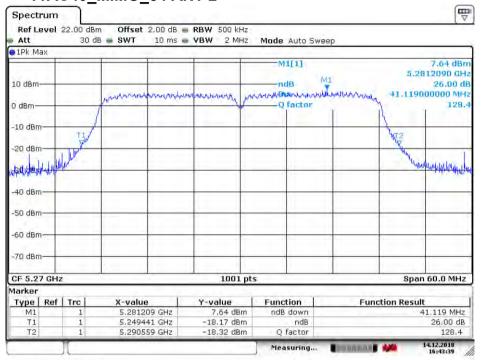


Date: 14.DEC.2018 14:58:46

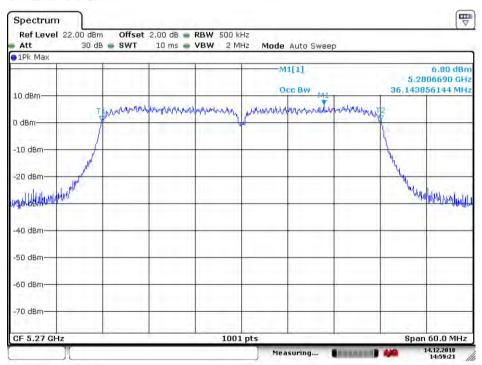
Report No.: HR/2018/C000503

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4.5.2.178 11AC40 MIMO 54 ANT 2



Date: 14.DEC.2018 16:43:39

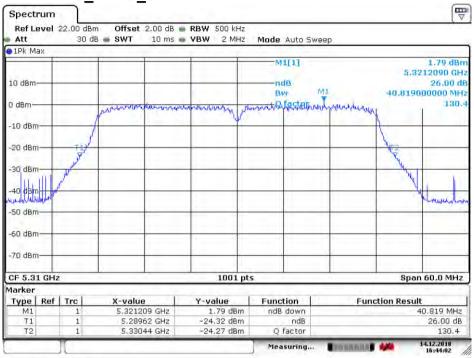


Date: 14.DEC.2018 14:59:21

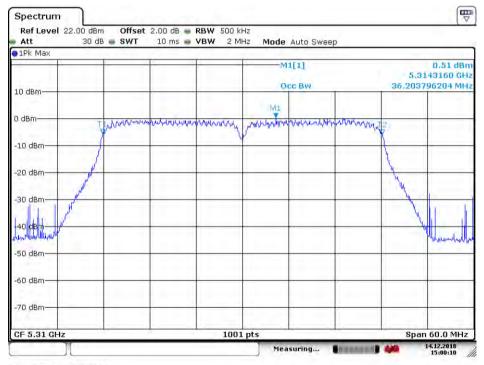
Report No.: HR/2018/C000503

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4.5.2.179 11AC40_MIMO_62 ANT 2



Date: 14.DEC.2018 16:44:02

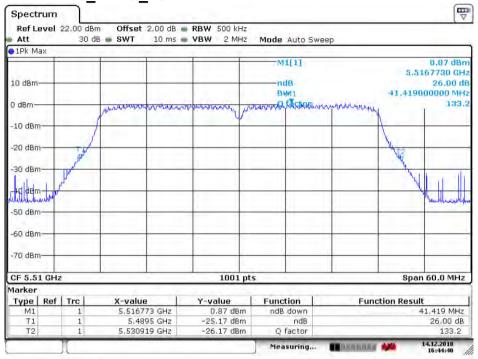


Date: 14.DEC.2018 15:00:10

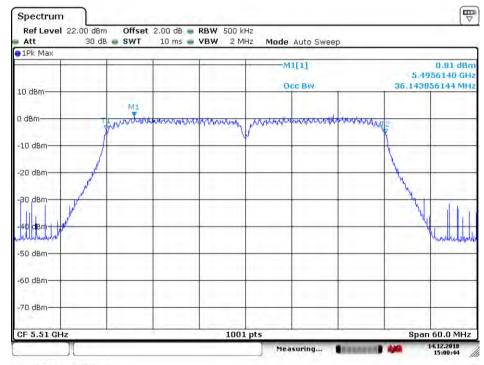
Report No.: HR/2018/C000503

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4.5.2.180 11AC40_MIMO_102 ANT 2



Date: 14.DEC.2018 16:44:40

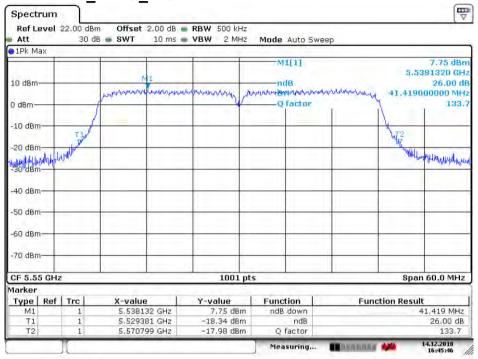


Date: 14.DEC.2018 15:00:45

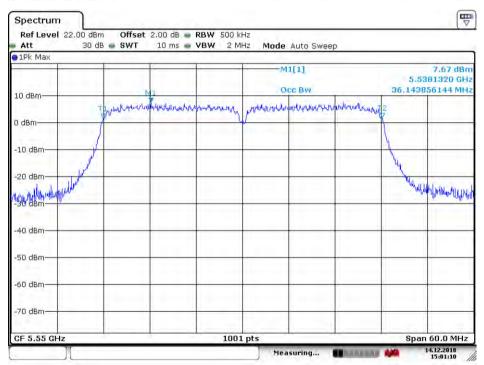
Report No.: HR/2018/C000503

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4.5.2.181 11AC40_MIMO_110 ANT 2



Date: 14.DEC.2018 16:45:46

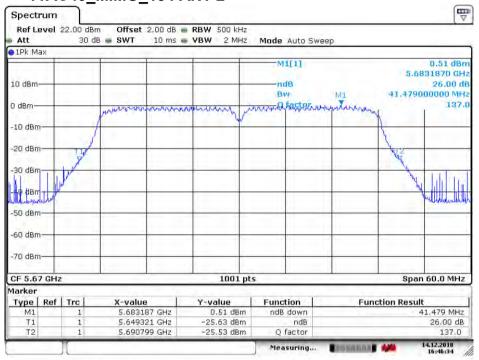


Date: 14.DEC.2018 15:01:11

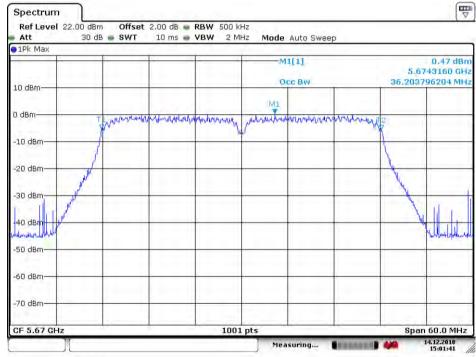
Report No.: HR/2018/C000503

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4.5.2.182 11AC40_MIMO_134 ANT 2



Date: 14.DEC.2018 16:46:35

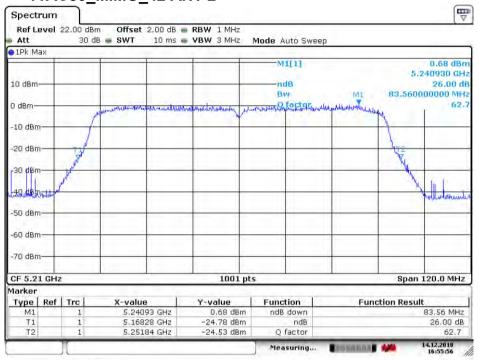


Date: 14.DEC.2018 15:01:41

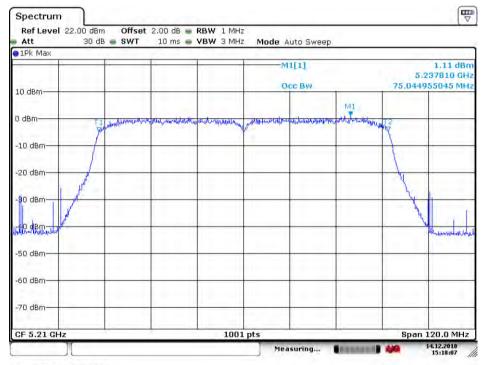
Report No.: HR/2018/C000503

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4.5.2.183 11AC80 MIMO 42 ANT 2



Date: 14.DEC.2018 16:55:56

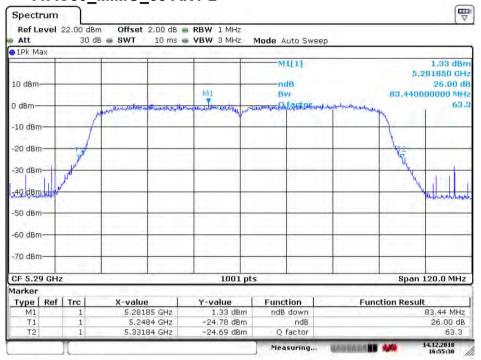


Date: 14.DEC.2018 15:18:08

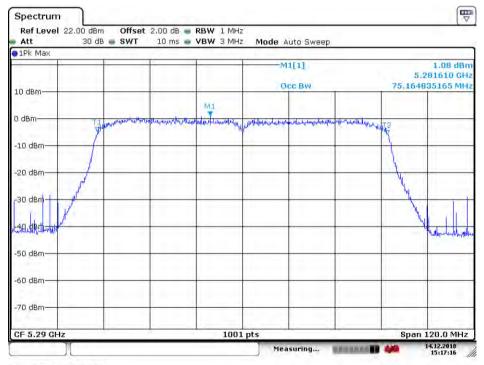
Report No.: HR/2018/C000503

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4.5.2.184 11AC80 MIMO 58 ANT 2



Date: 14.DEC.2018 16:55:30

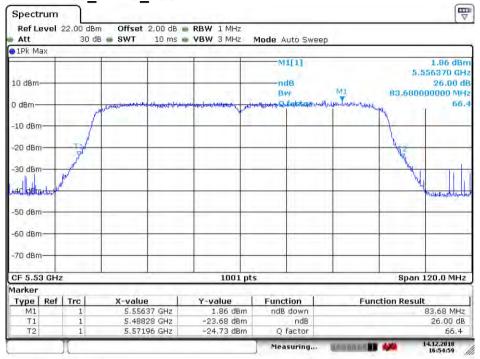


Date: 14.DEC.2018 15:17:16

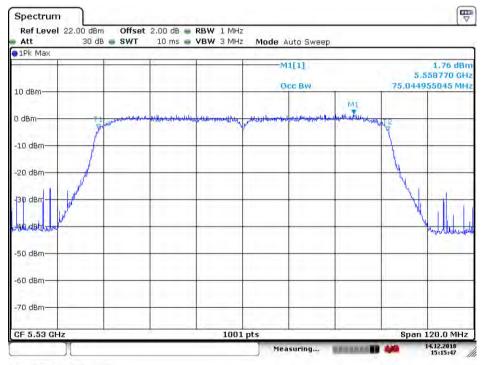
Report No.: HR/2018/C000503

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4.5.2.185 11AC80_MIMO_106 ANT 2



Date: 14.DEC.2018 16:55:00

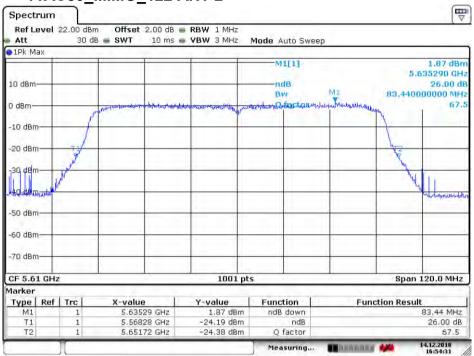


Date: 14.DEC.2018 15:15:47

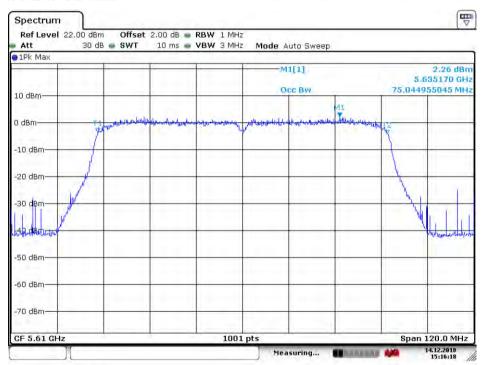
Report No.: HR/2018/C000503

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4.5.2.186 11AC80_MIMO_122 ANT 2



Date: 14.DEC.2018 16:54:31

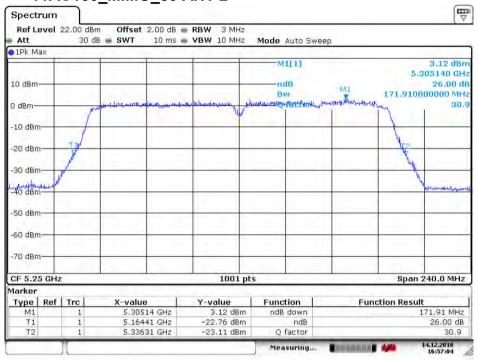


Date: 14.DEC.2018 15:16:19

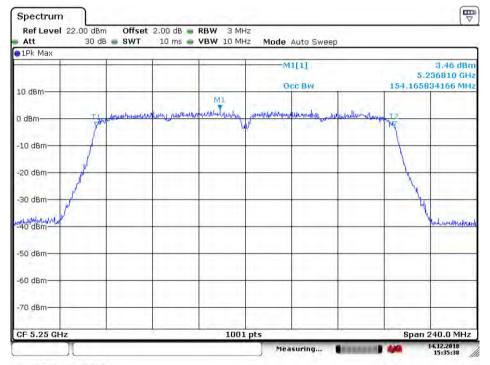
Report No.: HR/2018/C000503

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4.5.2.187 11AC160_MIMO_50 ANT 2



Date: 14.DEC.2018 16:57:04

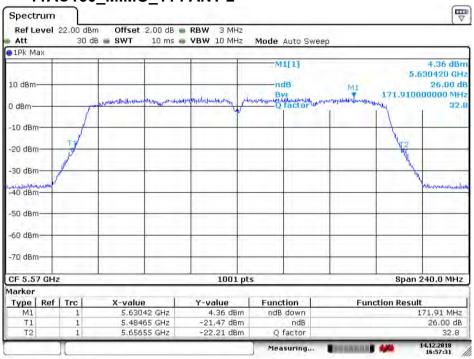


Date: 14.DEC.2018 15:35:38

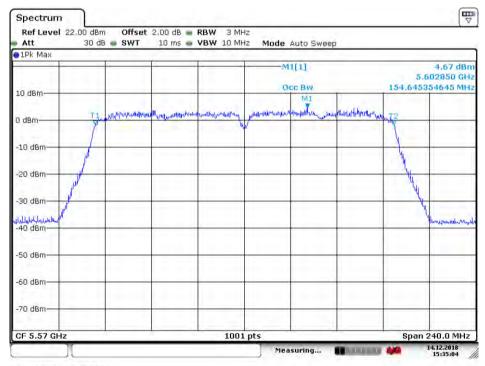
Report No.: HR/2018/C000503

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4.5.2.188 11AC160_MIMO_114 ANT 2



Date: 14 DEC:2018 16:57:31

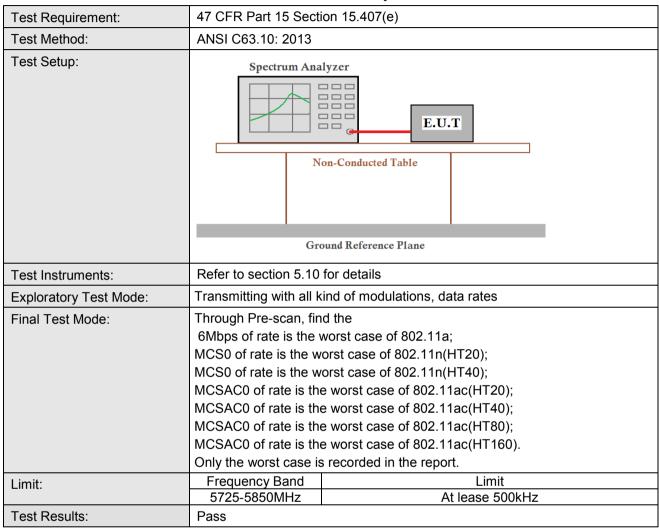


Date: 14.DEC.2018 15:35:04

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4.6 6dB Emission Bandwidth & 99% Occupied Bandwidth





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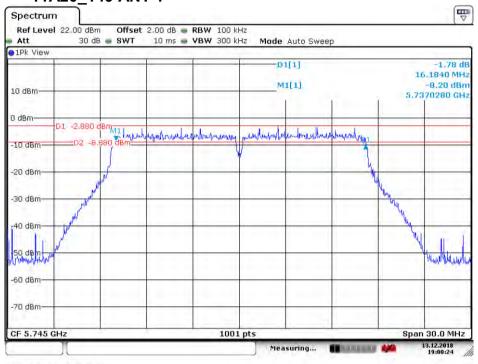
Test Mode	Test Channel	Frequency [MHz]	ANT 1		ANT 2		
			6dB EBW	OBW	6dB EBW	OBW	Verdict
			[MHz]	[MHz]	[MHz]	[MHz]	
11A20	149	5745	16.18	16.81	16.36	16.81	PASS
	157	5785	16.39	16.81	16.39	16.84	PASS
	165	5825	16.33	16.78	16.36	16.81	PASS
11N20	149	5745	17.35	17.74	17.26	17.71	PASS
	157	5785	17.17	17.74	17.32	17.74	PASS
	165	5825	17.11	17.74	17.11	17.74	PASS
11N40	151	5755	35.54	36.32	36.02	36.32	PASS
	159	5795	35.96	36.32	35.96	36.32	PASS
11AC20	149	5745	17.35	17.74	17.14	17.74	PASS
	157	5785	17.17	17.77	17.14	17.74	PASS
	165	5825	17.23	17.74	17.17	17.74	PASS
11AC40	151	5755	35.72	36.32	35.84	36.32	PASS
	159	5795	35.90	36.32	35.84	36.32	PASS
11AC80	155	5775	75.10	75.28	75.16	75.40	PASS
11A20 CDD	149	5745	16.33	16.81	16.24	16.63	PASS
	157	5785	16.39	16.81	16.36	16.63	PASS
	165	5825	16.36	16.84	16.39	16.63	PASS
11N20 MIMO	149	5745	17.23	17.74	17.53	17.62	PASS
	157	5785	17.29	17.74	17.56	17.62	PASS
	165	5825	17.35	17.71	17.32	17.62	PASS
11N40 MIMO	151	5755	35.66	36.32	35.72	36.08	PASS
	159	5795	36.02	36.32	35.54	36.08	PASS
11AC20 MIMO	149	5745	17.32	17.77	17.59	17.65	PASS
	157	5785	17.32	17.74	17.32	17.65	PASS
	165	5825	17.32	17.77	17.35	17.65	PASS
11AC40	151	5755	35.84	36.38	35.36	36.20	PASS
MIMO	159	5795	35.72	36.32	35.96	36.14	PASS
11AC80 MIMO	155	5775	75.16	75.28	74.09	75.04	PASS

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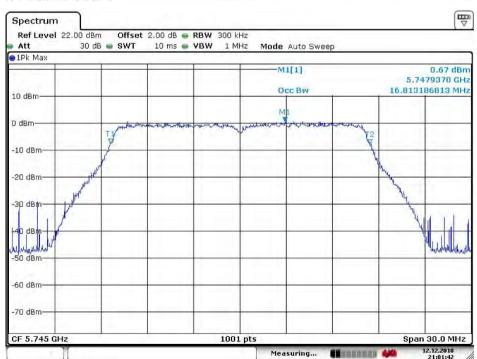
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4.6.1 Plots for 6dB Emission Bandwidth & 99% Occupied Bandwidth

4.6.1.1 11A20 149 ANT 1



Date: 13.DEC.2018 19:00:24

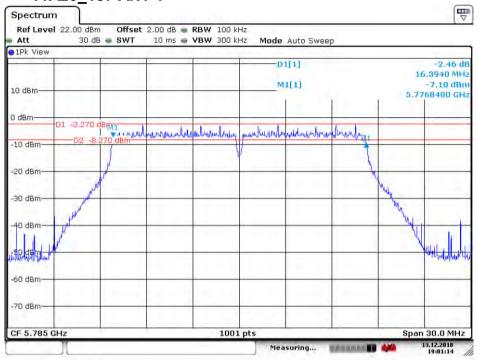


Date: 12.DEC.2018 21:01:42

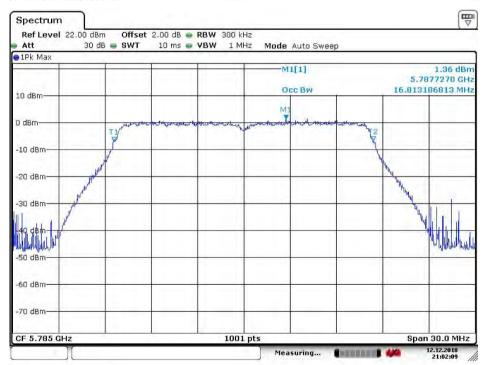
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4.6.1.2 11A20 157 ANT 1



Date: 13.DEC.2018 19:01:15

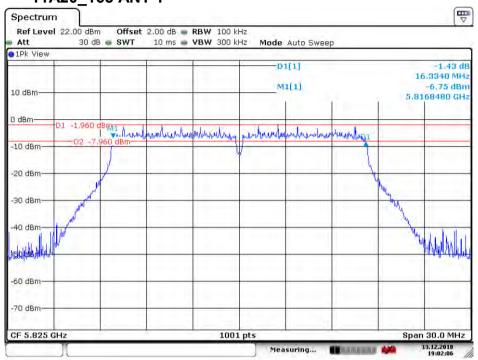


Date: 12.DEC.2018 21:02:09

Report No.: HR/2018/C000503

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4.6.1.3 11A20 165 ANT 1



Date: 13.DEC.2018 19:02:06

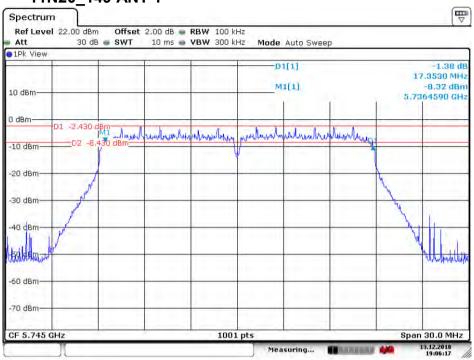


Date: 12.DEC.2018 21:02:26

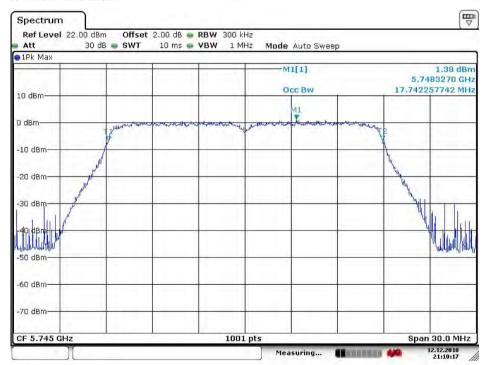
Report No.: HR/2018/C000503

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4.6.1.4 11N20 149 ANT 1



Date: 13.DEC.2018 19:06:17

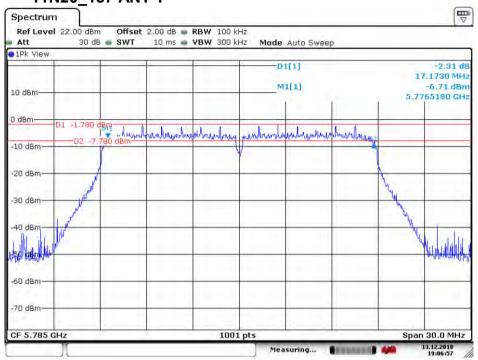


Date: 12.DEC.2018 21:10:18

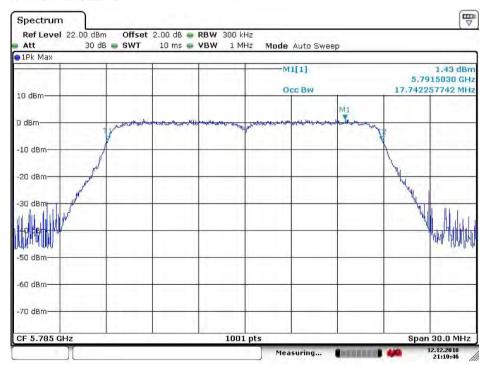
Report No.: HR/2018/C000503

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4.6.1.5 11N20 157 ANT 1



Date: 13.DEC.2018 19:06:58

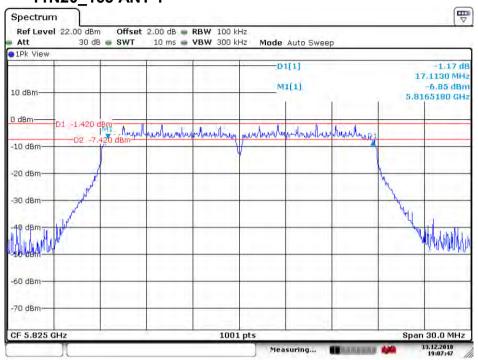


Date: 12.DEC.2018 21:10:46

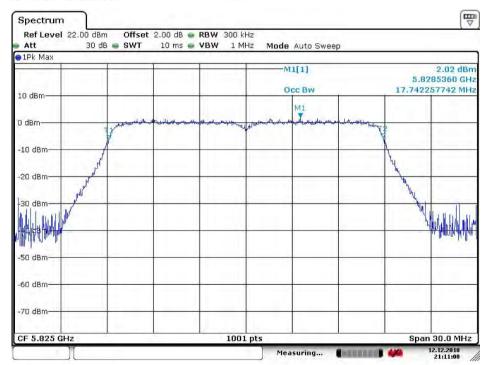
Report No.: HR/2018/C000503

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4.6.1.6 11N20 165 ANT 1



Date: 13.DEC.2018 19:07:47

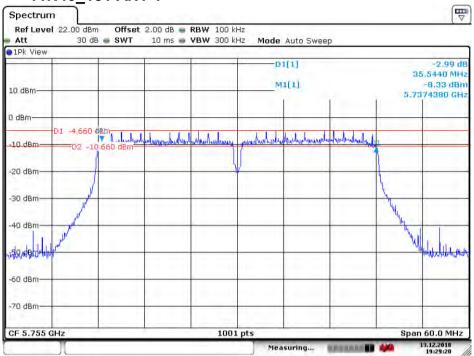


Date: 12.DEC.2018 21:11:01

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4.6.1.7 11N40_151 ANT 1



Date: 13.DEC.2018 19:29:20

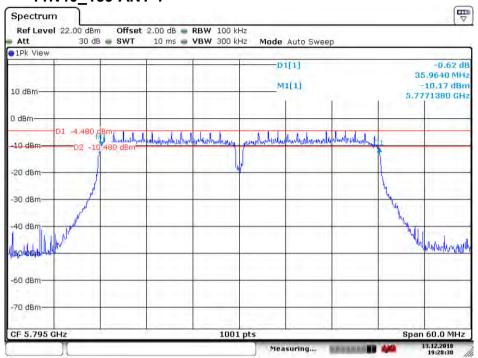


Date: 13.DEC.2018 15:31;13

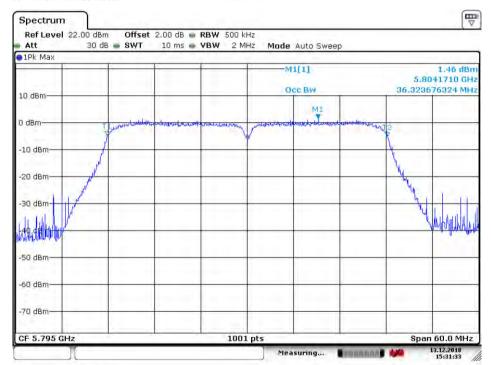
Report No.: HR/2018/C000503

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4.6.1.8 11N40 159 ANT 1



Date: 13.DEC.2018 19:28:31

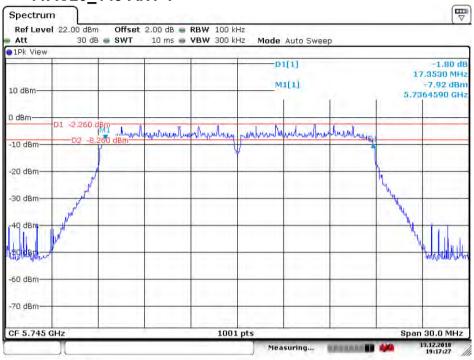


Date: 13.DEC.2018 15:31;33

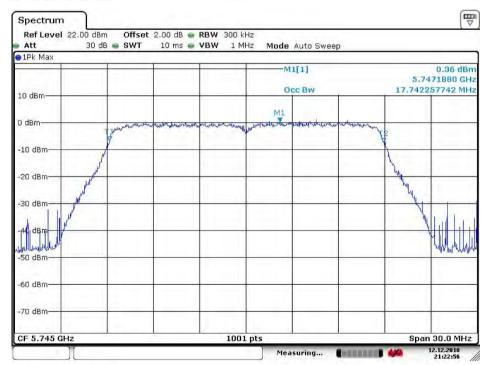
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4.6.1.9 11AC20_149 ANT 1



Date: 13.DEC.2018 19:17:27

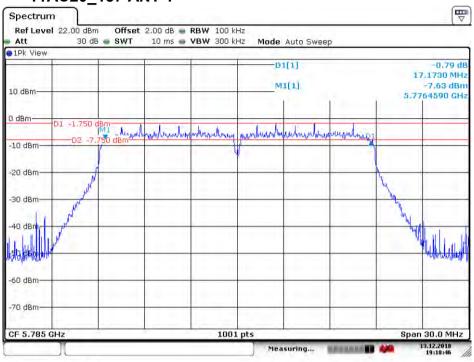


Date: 12.DEC.2018 21:22:56

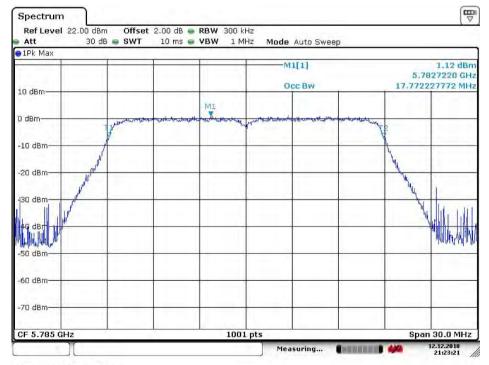
Report No.: HR/2018/C000503

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4.6.1.10 11AC20_157 ANT 1



Date: 13.DEC.2018 19:18:46

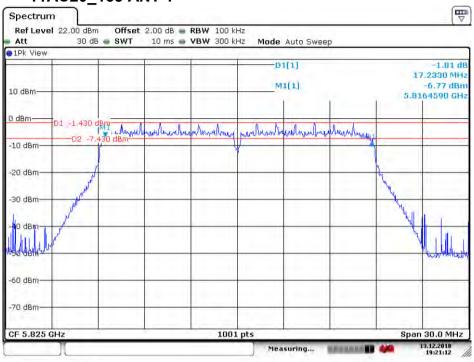


Date: 12.DEC.2018 21:23:21

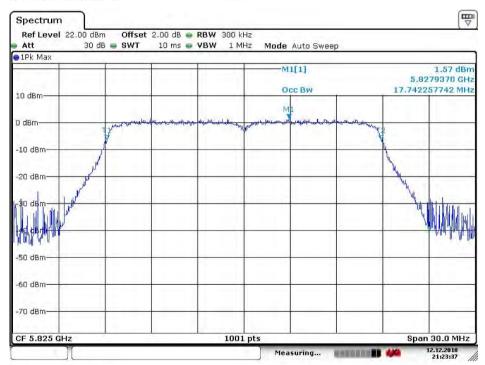
Report No.: HR/2018/C000503

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4.6.1.11 11AC20_165 ANT 1



Date: 13.DEC.2018 19:21:13



Date: 12.DEC.2018 21:23:38