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Appendix for 5G WIFI

FCC ID: 2ATUP-Q660500

IC: 25301-Q660500

Applicant: eInfochips Inc

**Address: 2025 Gateway Place, Suite 270, San Jose, CA 95110,
United States of America**

Model: Eragon 660 SBC

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Appendix A1: Emission Bandwidth

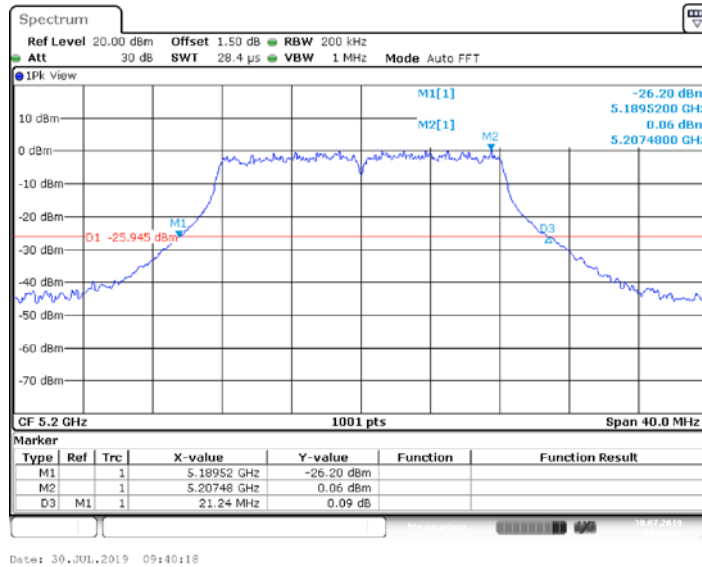
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5200	21.240	5189.520	5210.760
		5220	20.640	5209.760	5230.400
		5745	21.440	5734.200	5755.640
		5785	21.240	5774.600	5795.840
		5825	21.360	5814.360	5835.720
11N20SISO	Ant1	5200	22.280	5189.160	5211.440
		5220	22.080	5209.000	5231.080
		5745	22.280	5733.800	5756.080
		5785	22.200	5774.040	5796.240
		5825	22.200	5813.960	5836.160
11N40SISO	Ant1	5190	42.240	5169.060	5211.300
		5230	42.060	5209.240	5251.300
		5755	42.180	5733.700	5775.880
		5795	42.180	5773.940	5816.120
11AC20SISO	Ant1	5200	22.120	5189.000	5211.120
		5220	22.720	5208.720	5231.440
		5745	22.600	5733.840	5756.440
		5785	22.080	5774.120	5796.200
		5825	22.160	5814.000	5836.160
11AC40SISO	Ant1	5190	41.820	5169.240	5211.060
		5230	42.120	5209.180	5251.300
		5755	41.460	5734.420	5775.880
		5795	41.940	5774.120	5816.060
11AC80SISO	Ant1	5210	83.160	5169.320	5252.480
		5775	84.480	5732.880	5817.360

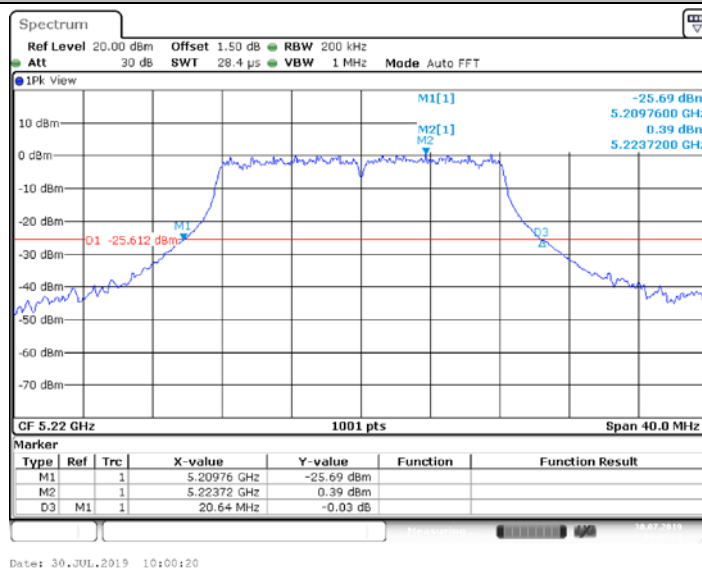
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		5745	21.520	5734.240	5755.760
		5785	21.160	5774.480	5795.640
		5825	22.040	5813.800	5835.840
11N20SISO	Ant2	5200	21.960	5189.200	5211.160
		5220	21.960	5209.200	5231.160
		5745	22.840	5733.320	5756.160
		5785	22.200	5773.960	5796.160
		5825	22.000	5814.000	5836.000
11N40SISO	Ant2	5190	42.320	5169.200	5211.520
		5230	42.080	5208.960	5251.040
		5755	42.320	5733.720	5776.040
		5795	43.120	5773.240	5816.360
11AC20SISO	Ant2	5200	21.840	5189.000	5210.840
		5220	21.920	5209.320	5231.240
		5745	22.160	5733.880	5756.040
		5785	22.120	5774.000	5796.120
		5825	22.960	5813.680	5836.640
11AC40SISO	Ant2	5190	42.000	5169.200	5211.200
		5230	41.760	5209.360	5251.120
		5755	42.160	5734.040	5776.200
		5795	42.560	5773.880	5816.440
11AC80SISO	Ant2	5210	85.440	5168.240	5253.680
		5775	84.320	5732.760	5817.080

Test Graphs

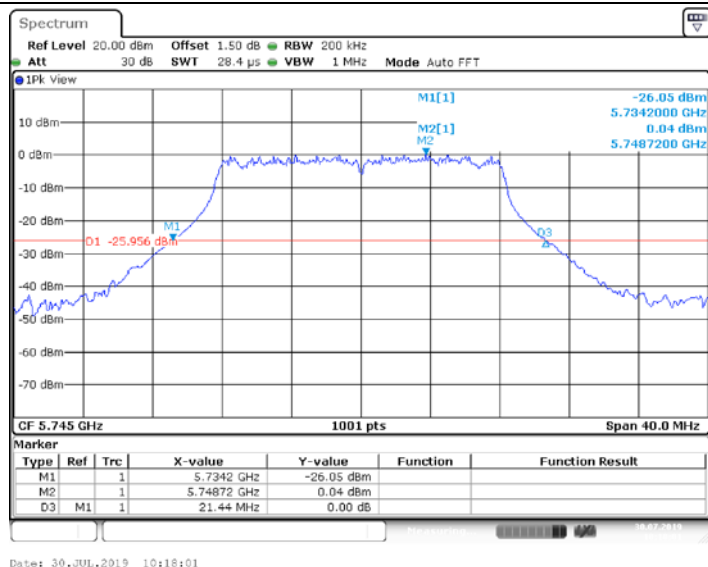
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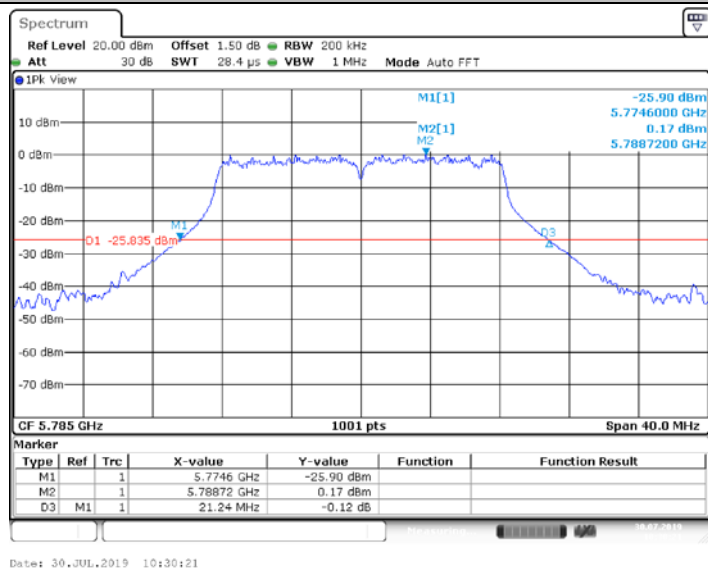
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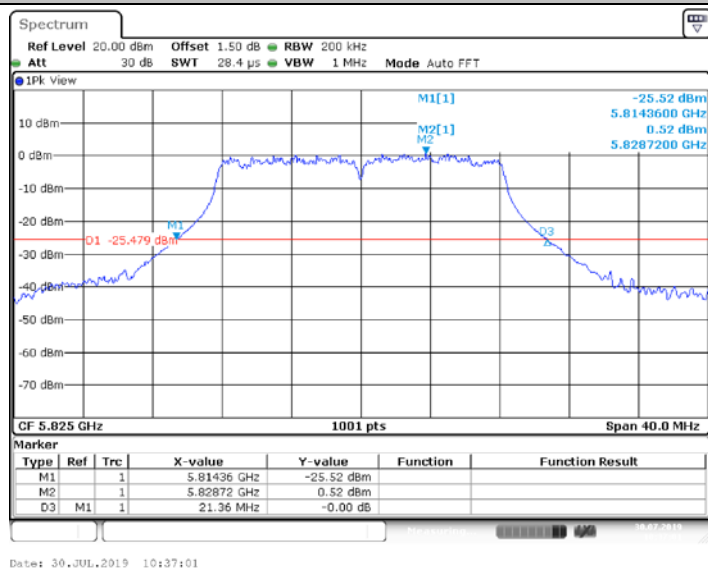
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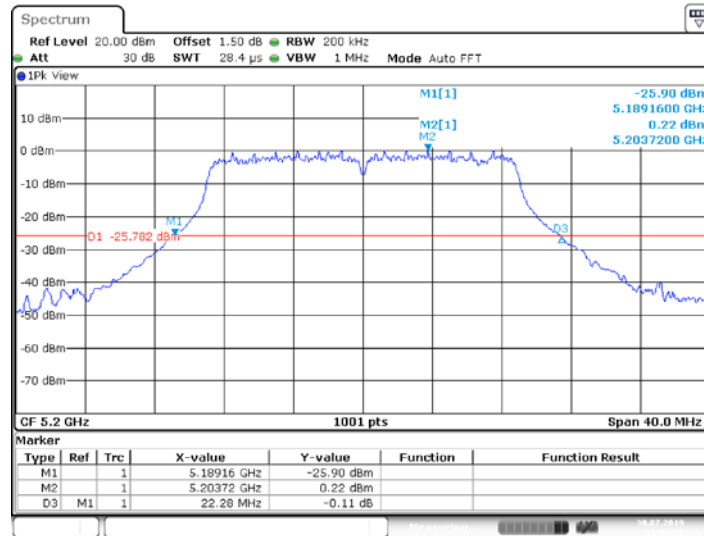
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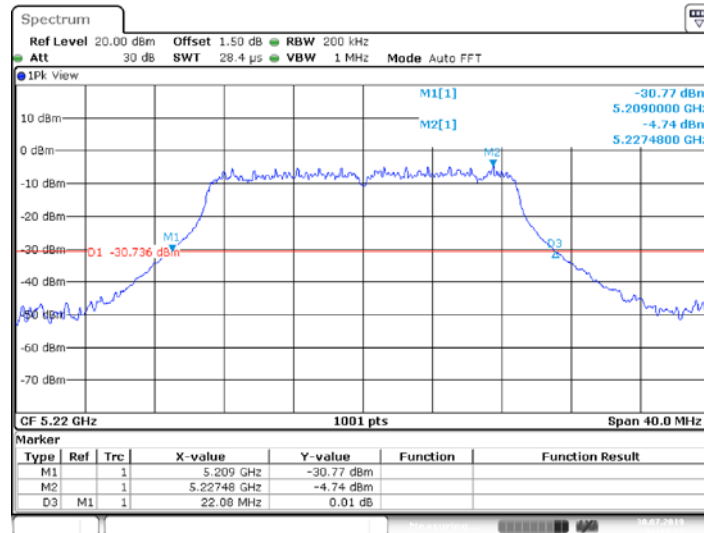


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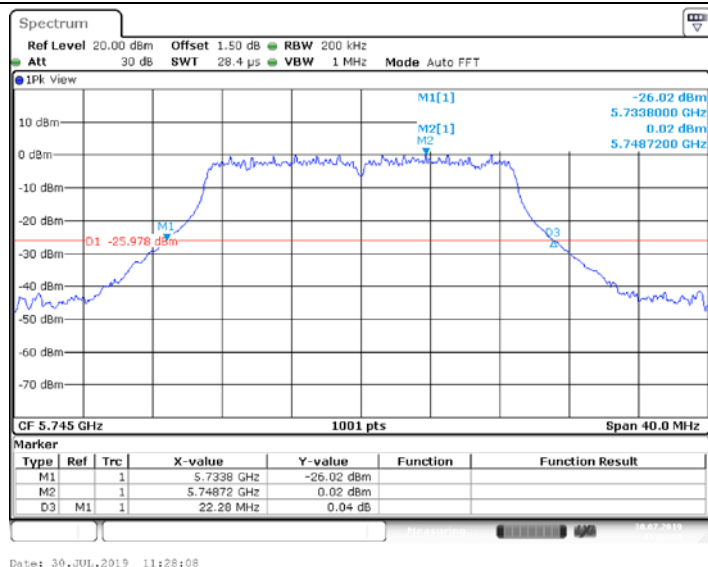
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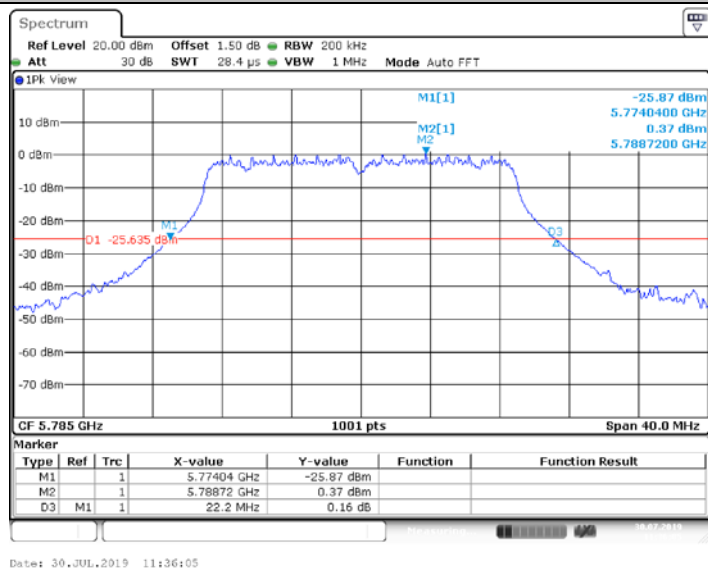


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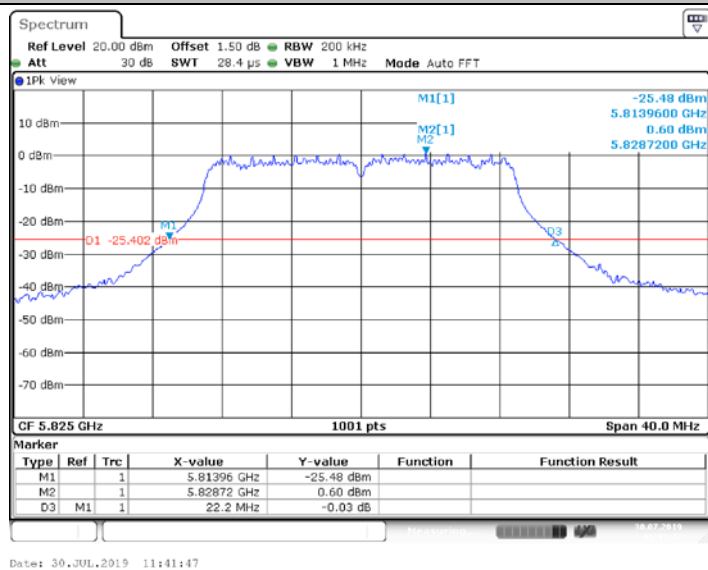
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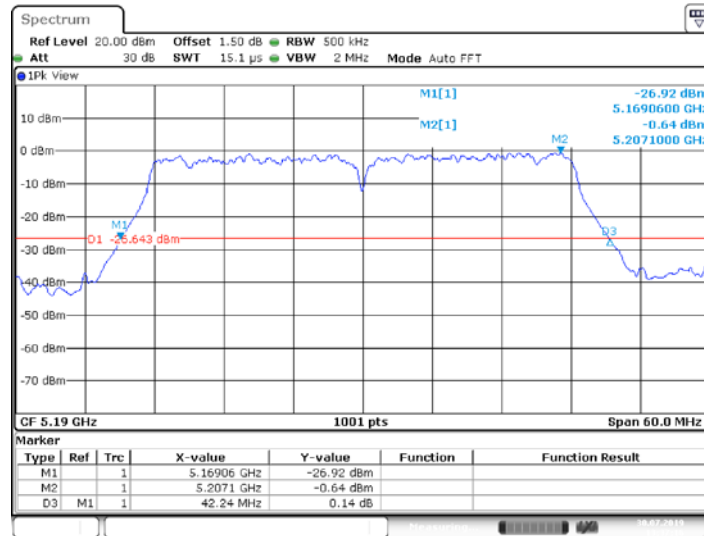
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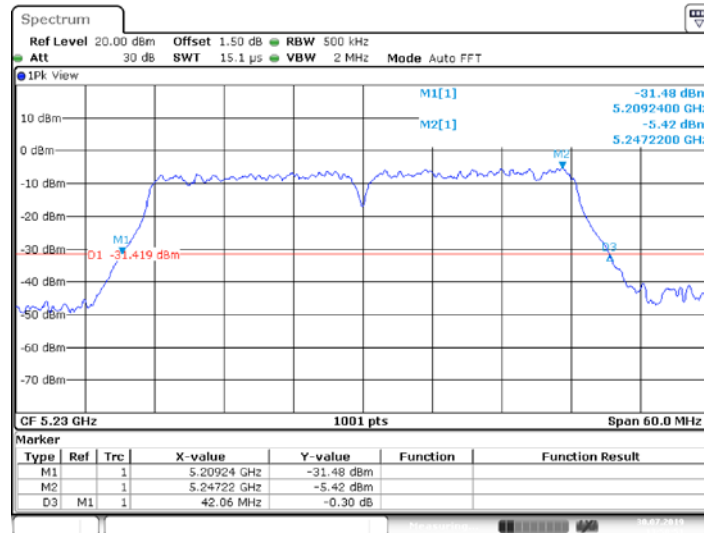


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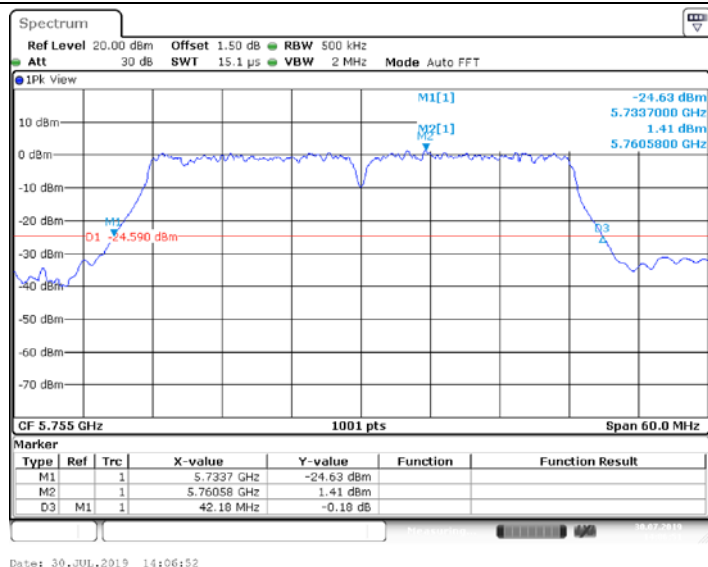
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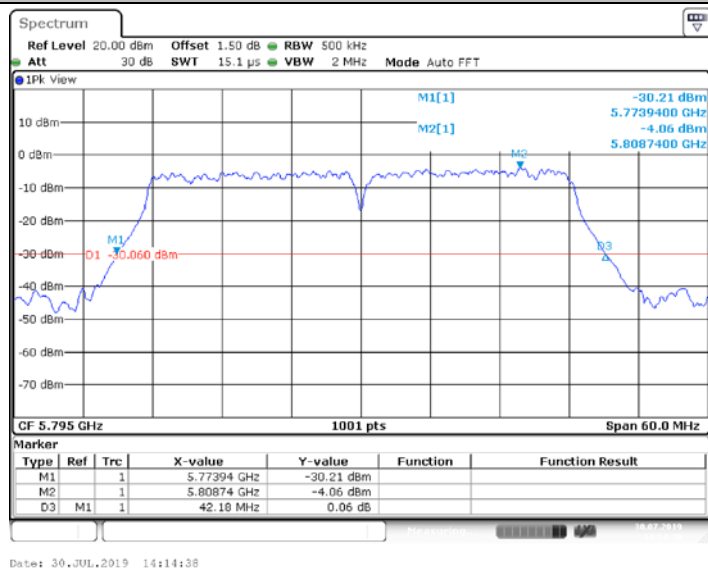


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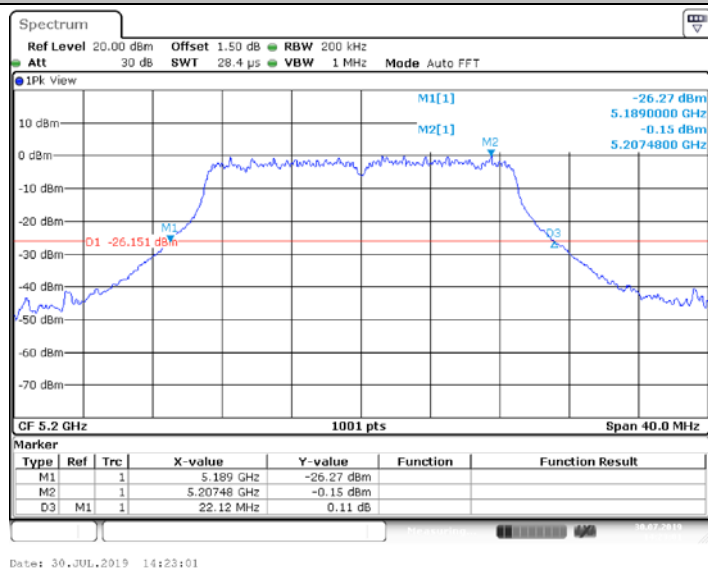
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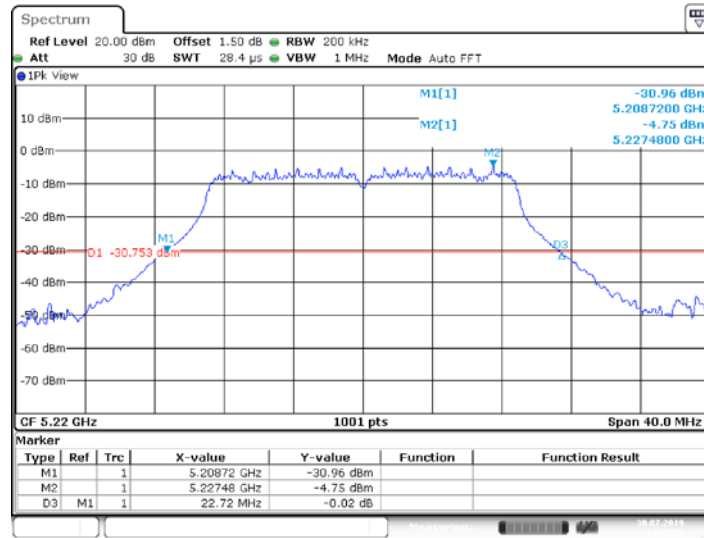
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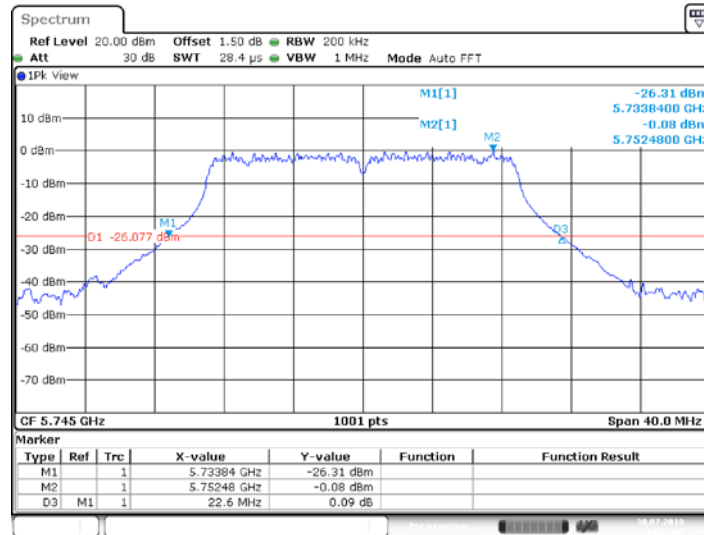


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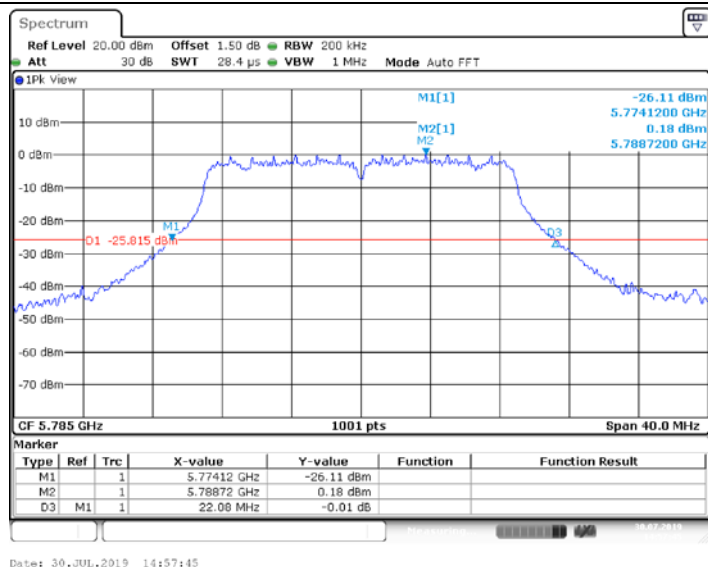
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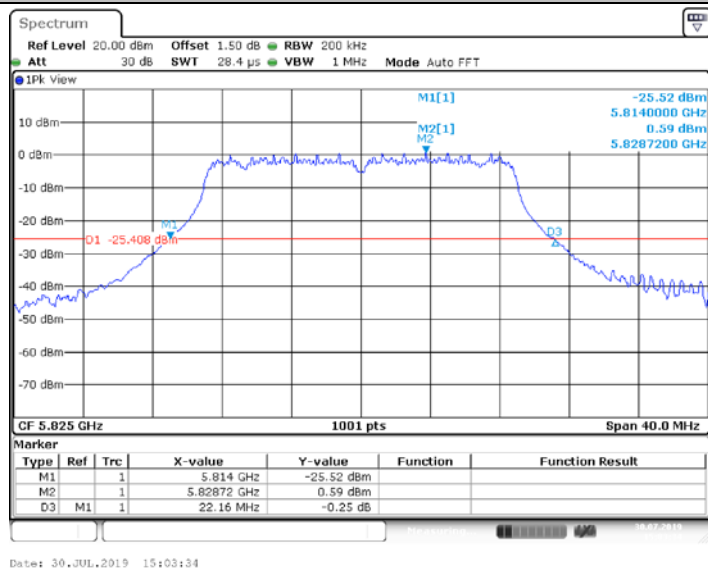


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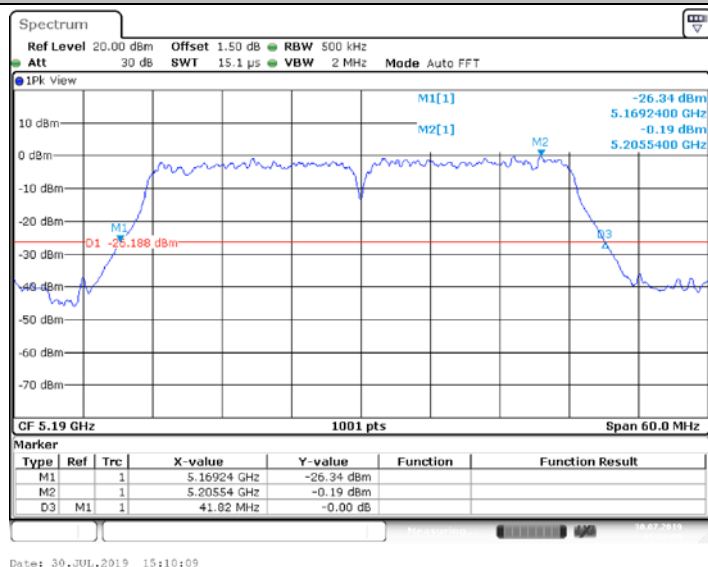
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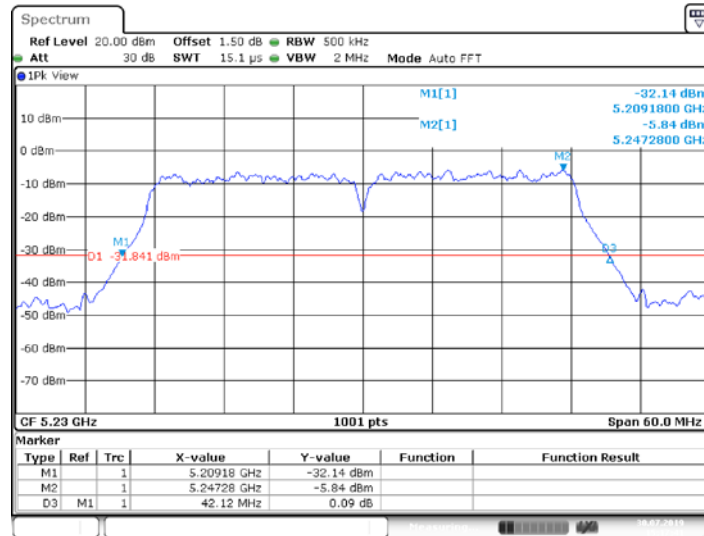
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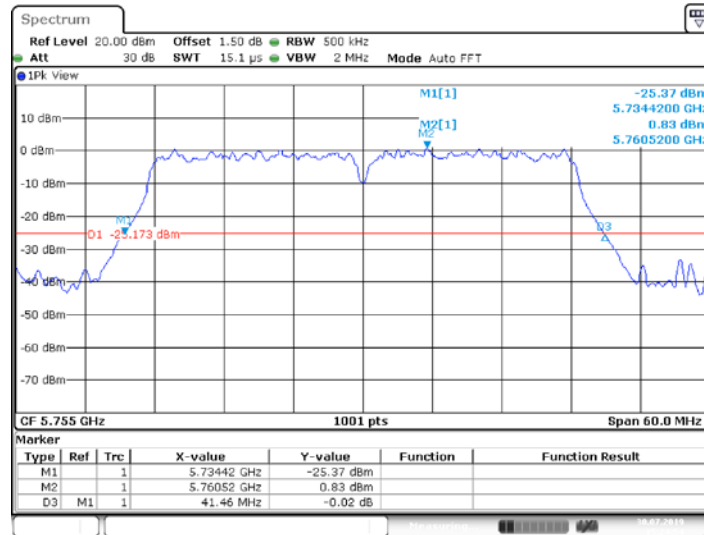
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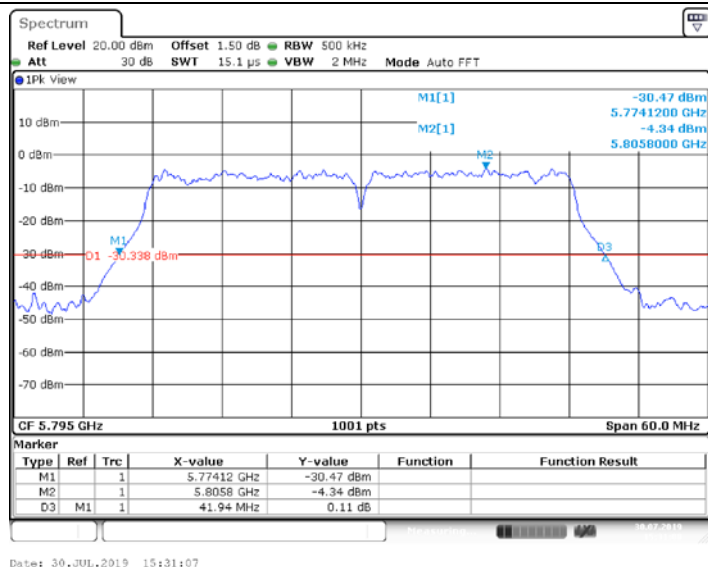
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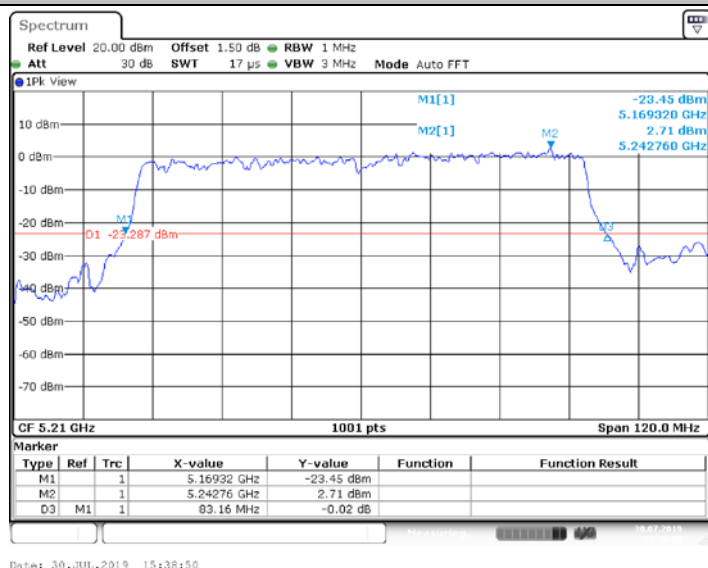
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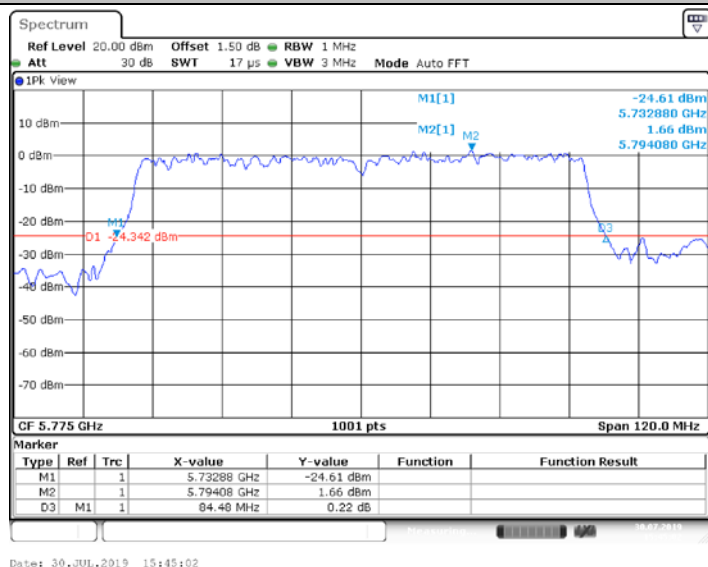
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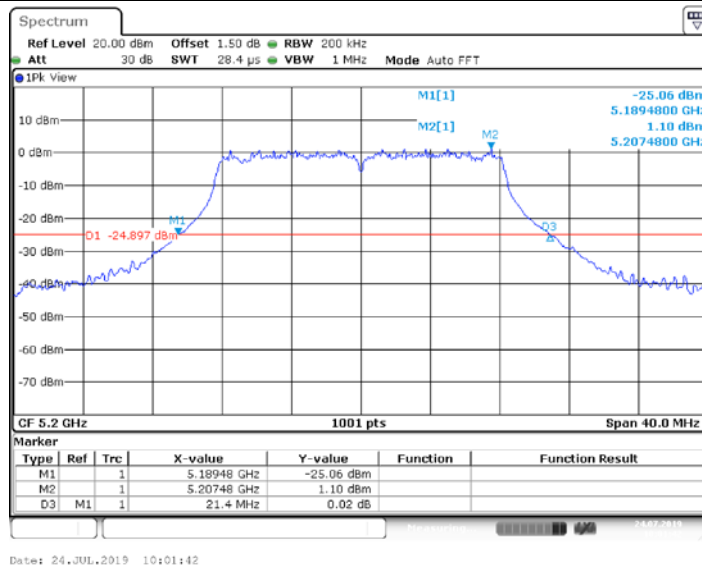
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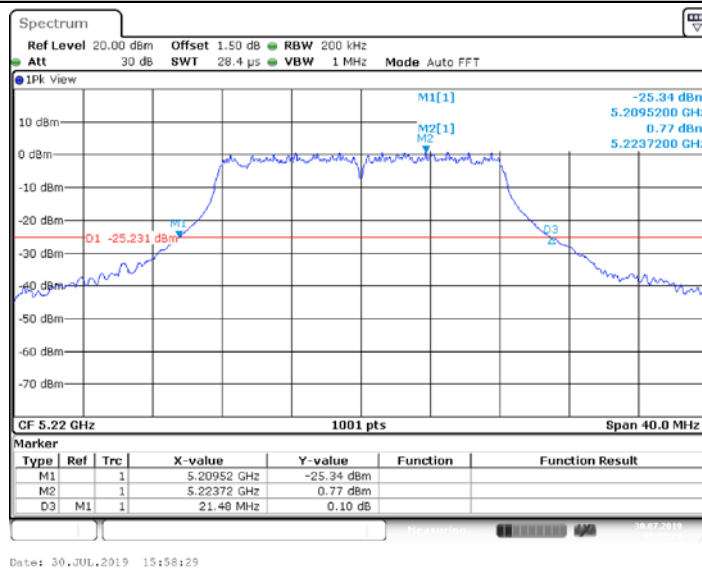
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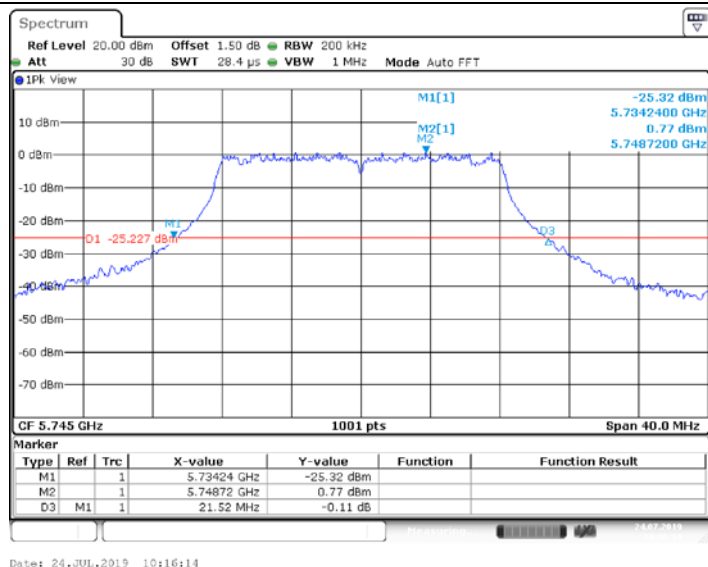
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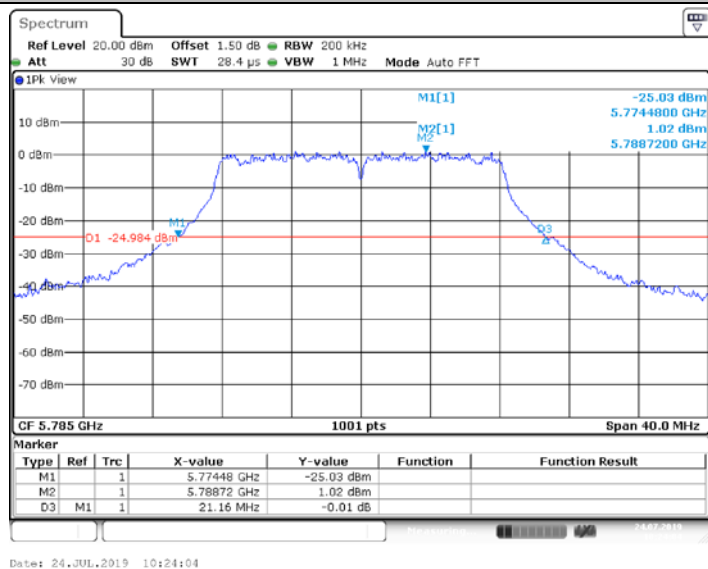
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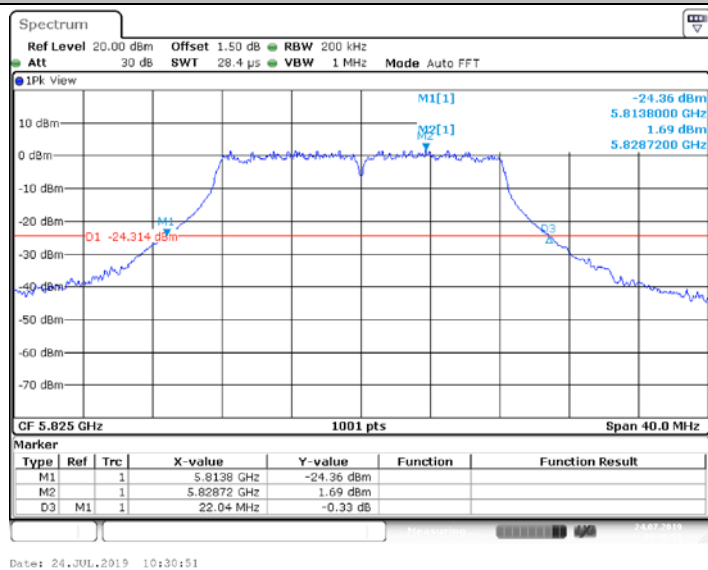
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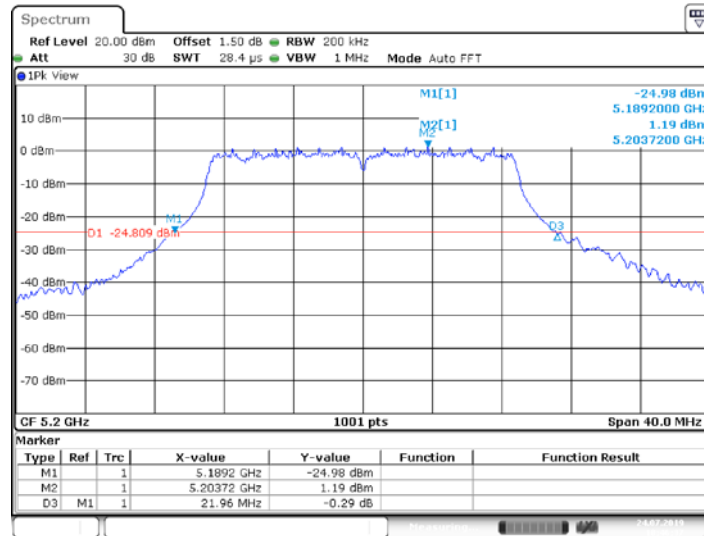
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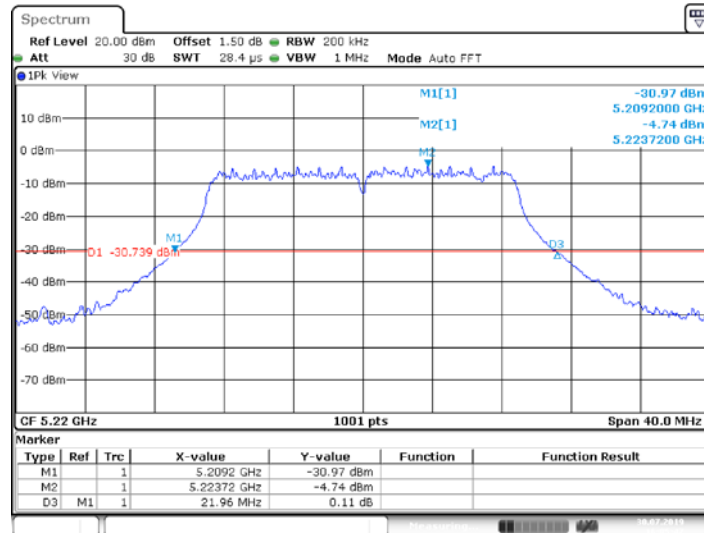


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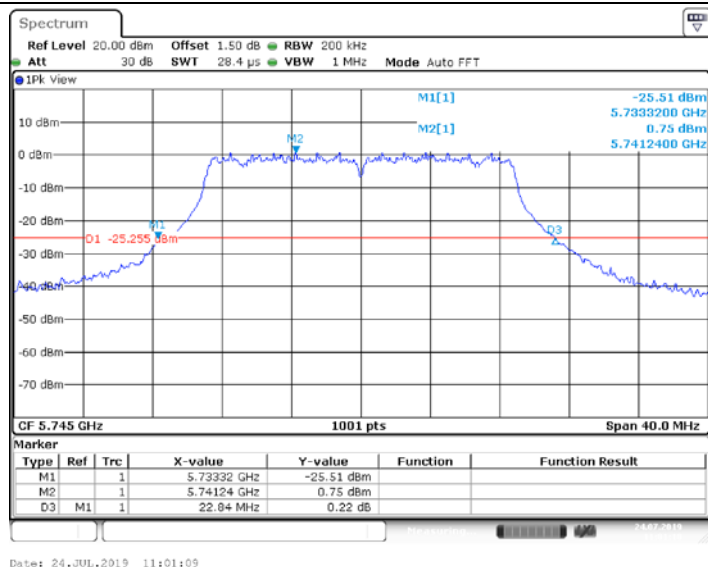
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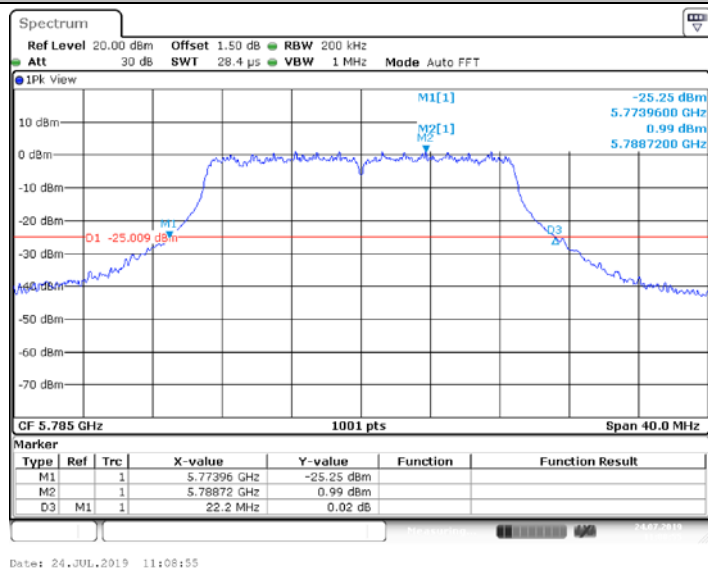


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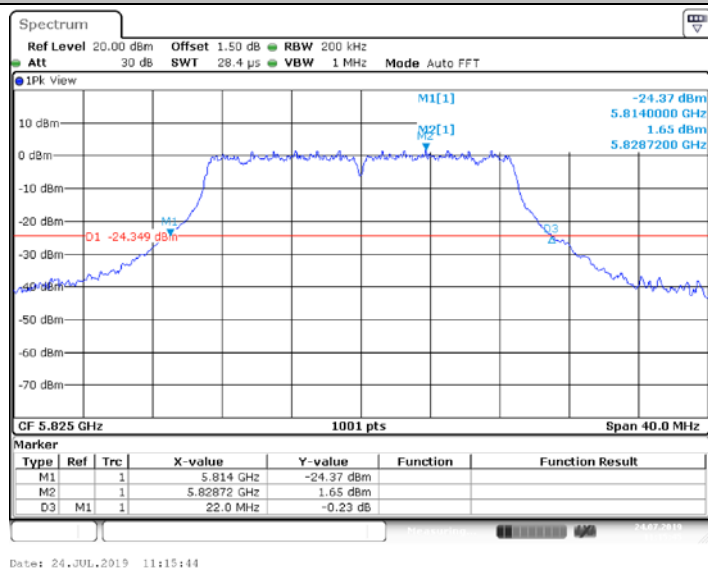
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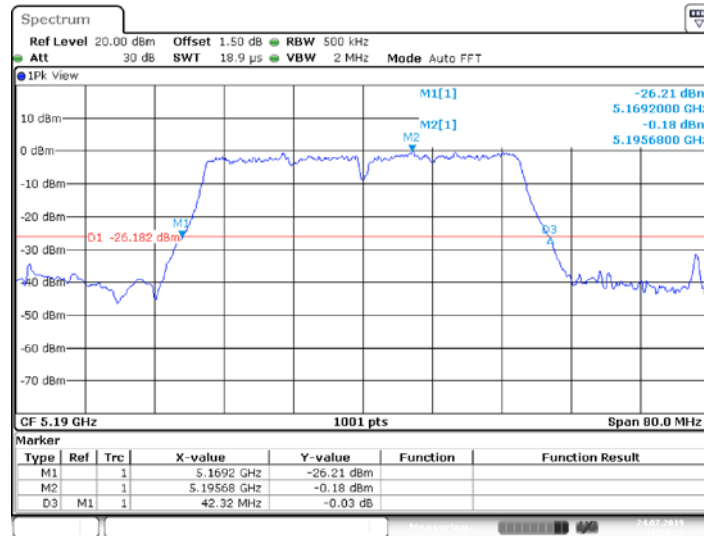
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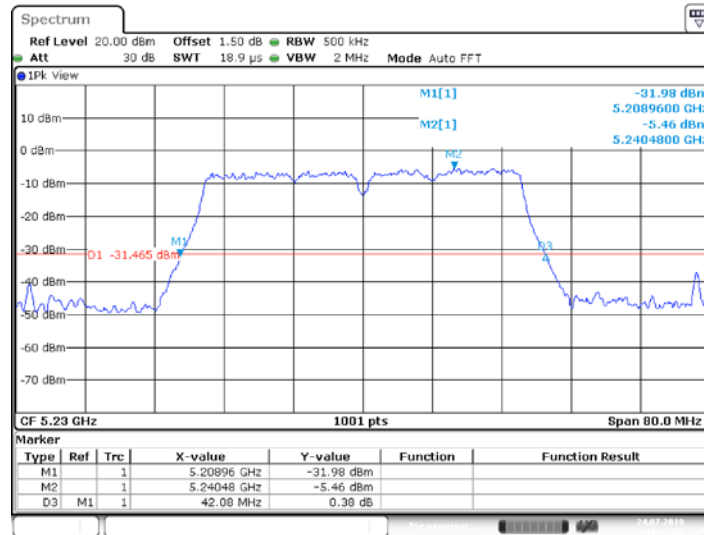


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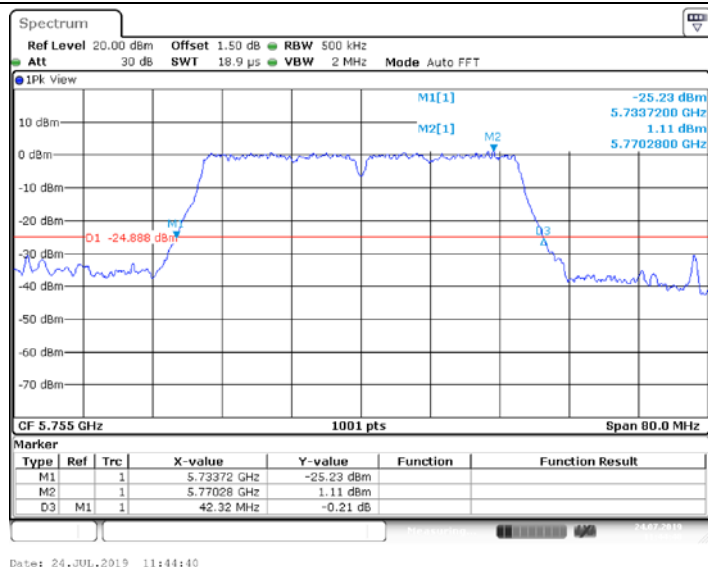
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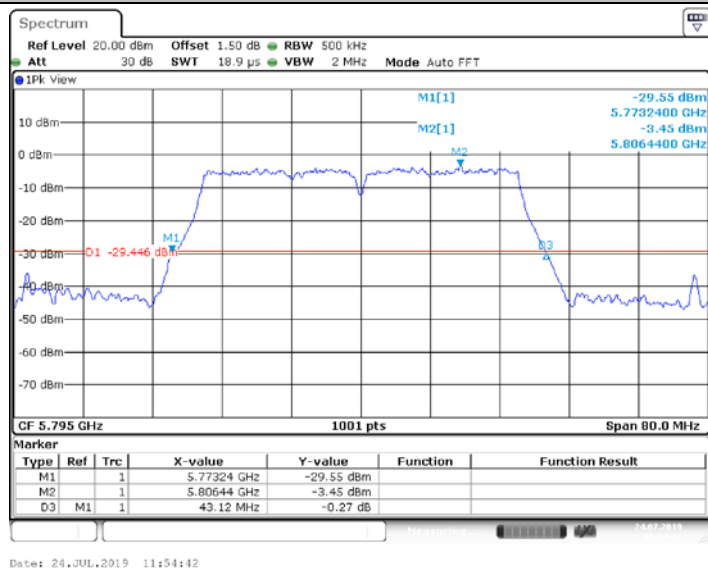


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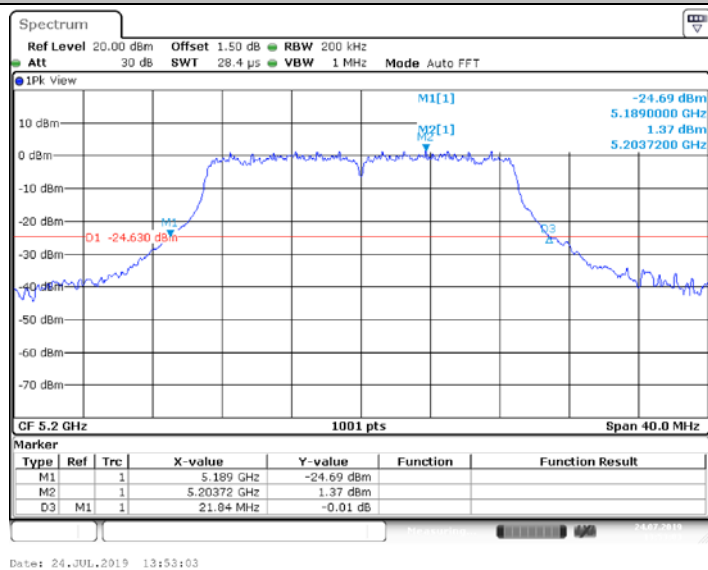
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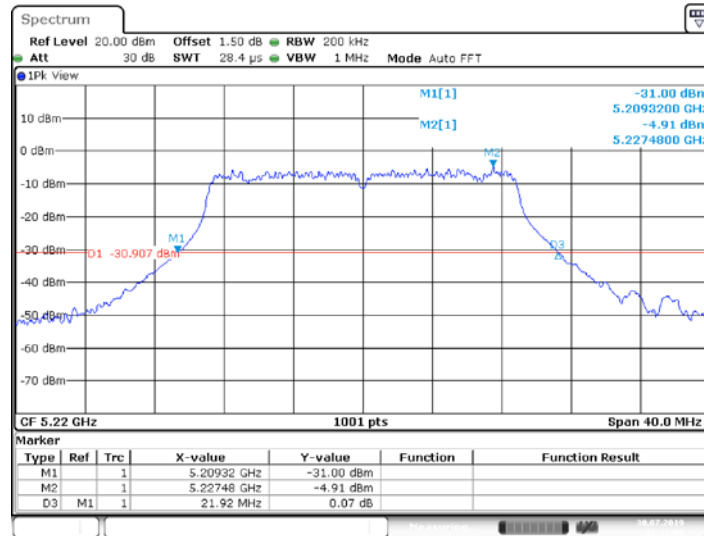
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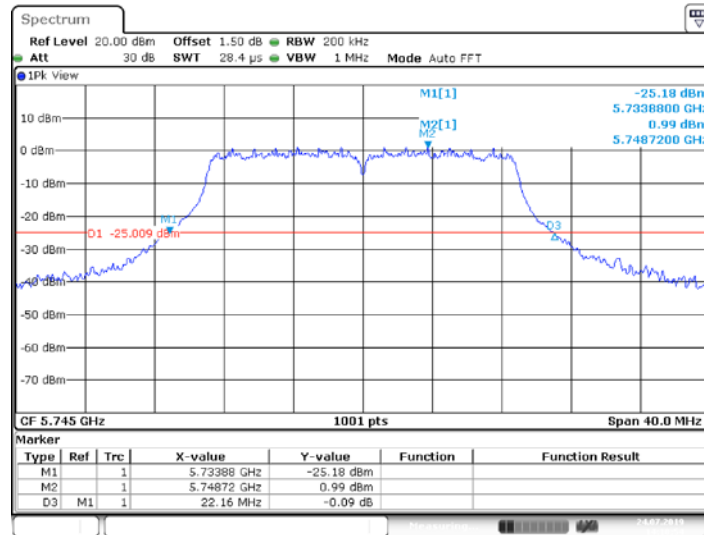
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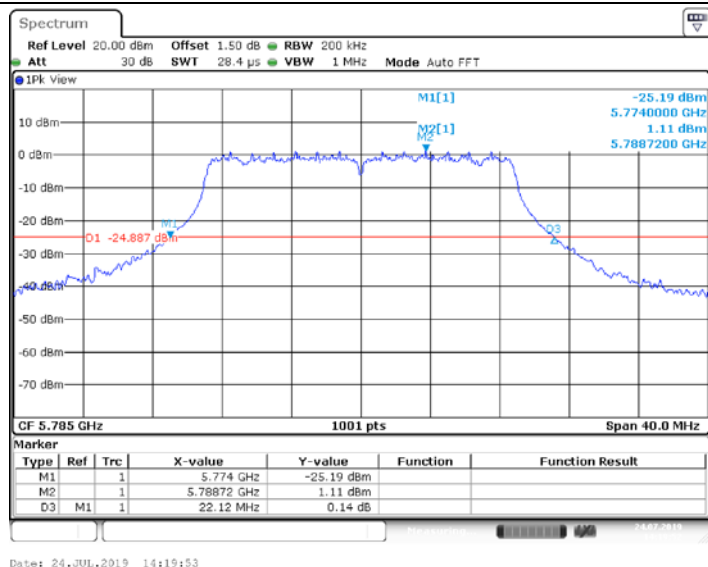
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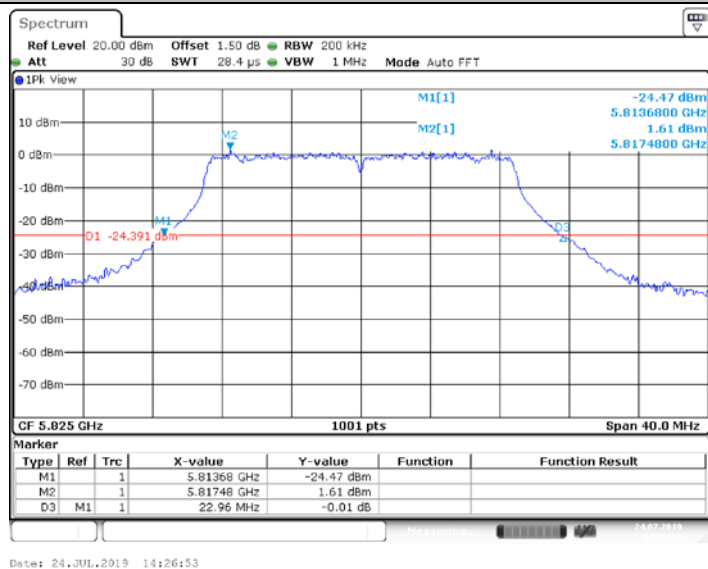
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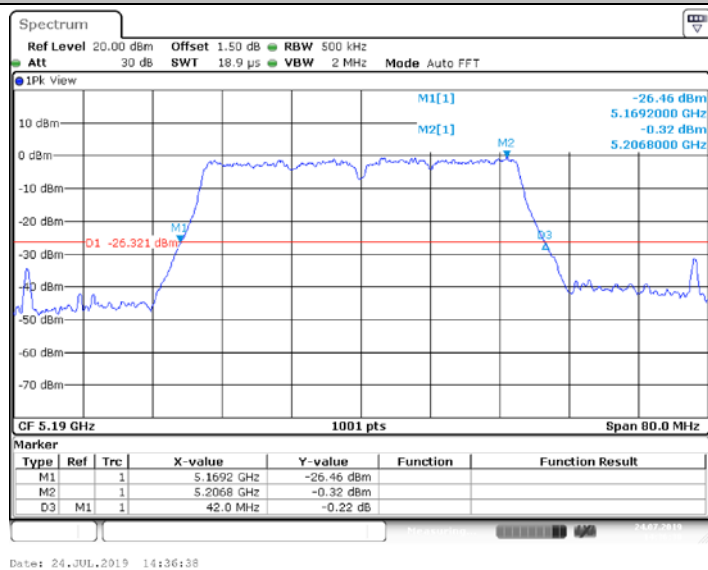
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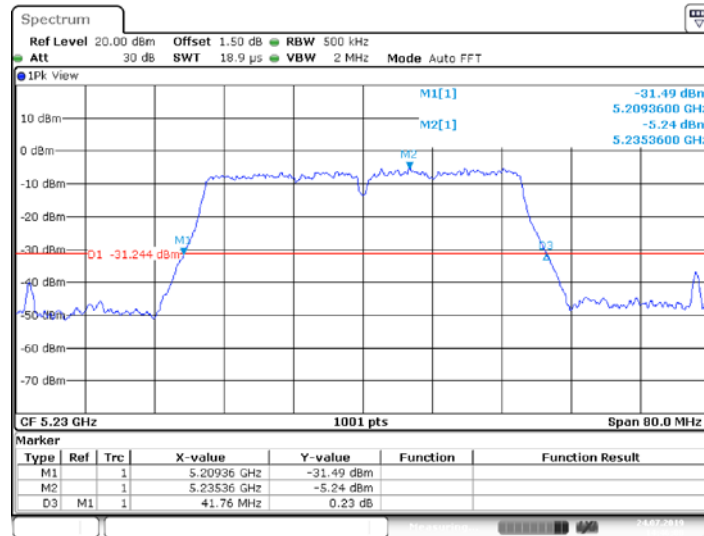
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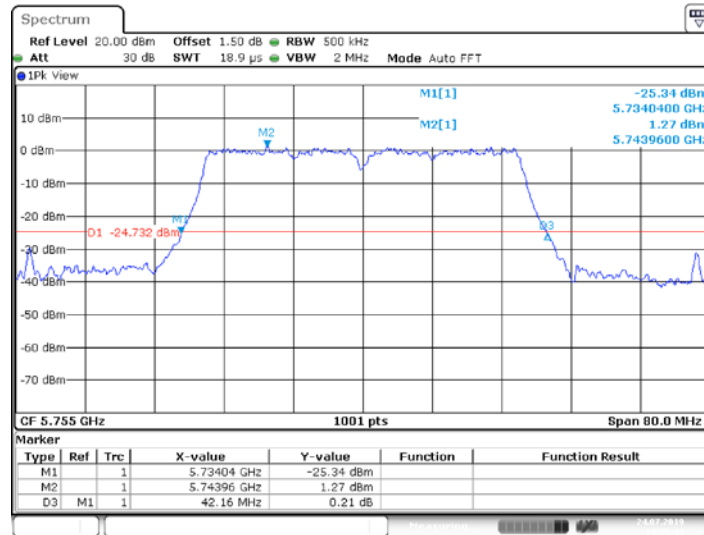
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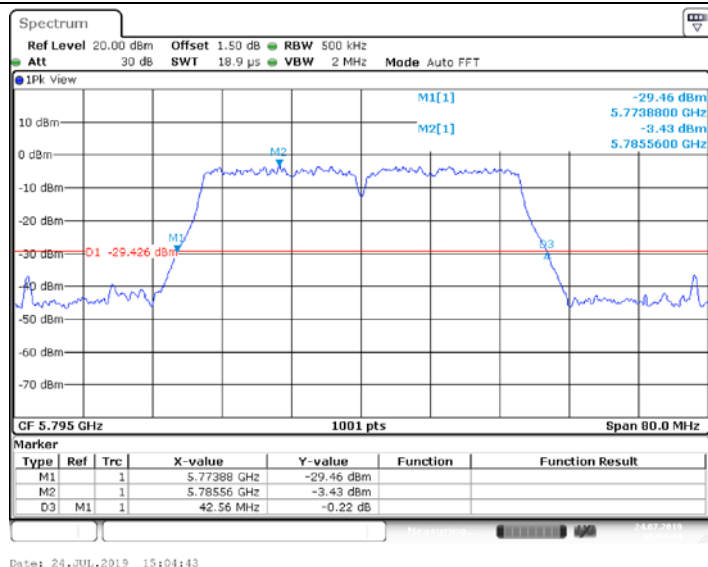
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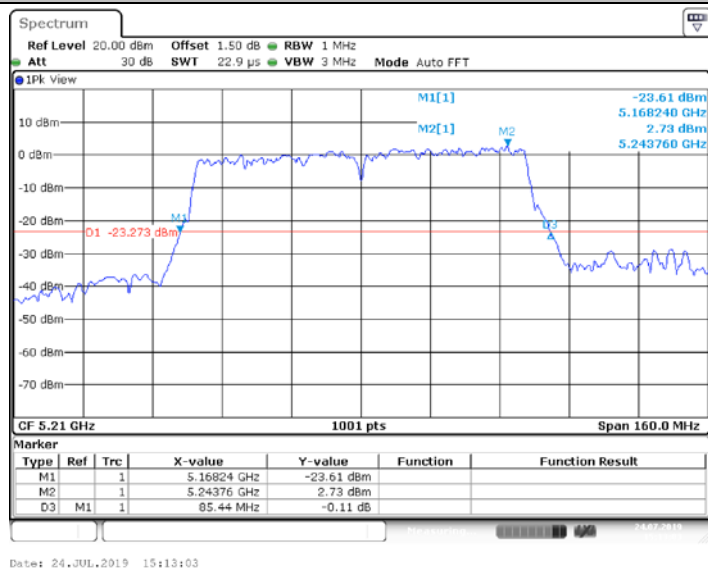
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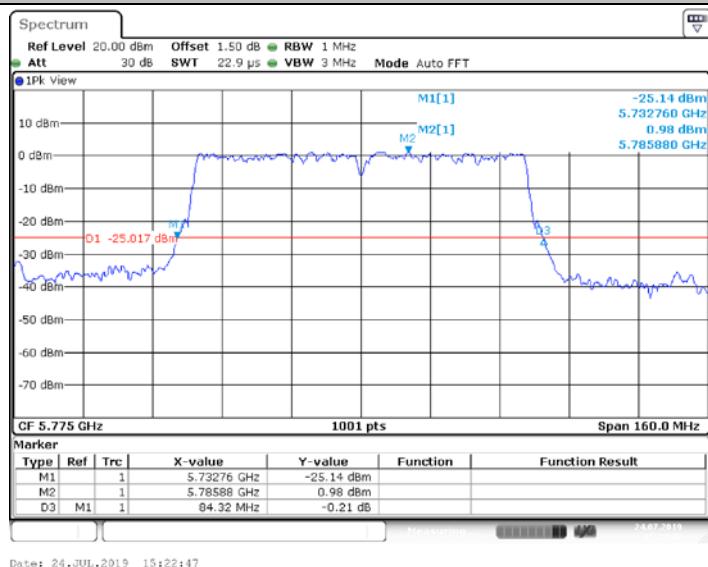
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11AC80SISO_Ant2_5210



11AC80SISO_Ant2_5775



Appendix A2: Occupied channel bandwidth

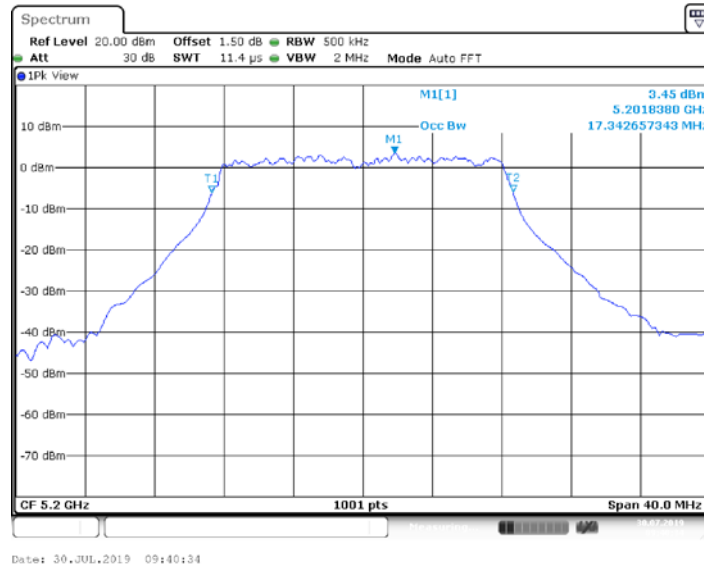
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5200	17.343	0.000	0.000
		5220	17.702	0.000	0.000
		5745	17.582	0.000	0.000
		5785	17.263	0.000	0.000
		5825	17.183	0.000	0.000
11N20SISO	Ant1	5200	18.142	0.000	0.000
		5220	18.462	0.000	0.000
		5745	18.142	0.000	0.000
		5785	18.142	0.000	0.000
		5825	18.142	0.000	0.000
11N40SISO	Ant1	5190	37.283	0.000	0.000
		5230	36.863	0.000	0.000
		5755	36.983	0.000	0.000
		5795	36.863	0.000	0.000
11AC20SISO	Ant1	5200	18.382	0.000	0.000
		5220	18.581	0.000	0.000
		5745	18.262	0.000	0.000
		5785	18.182	0.000	0.000
		5825	18.382	0.000	0.000
11AC40SISO	Ant1	5190	37.043	0.000	0.000
		5230	36.983	0.000	0.000
		5755	37.163	0.000	0.000
		5795	37.522	0.000	0.000
11AC80SISO	Ant1	5210	76.484	0.000	0.000
		5775	77.083	0.000	0.000

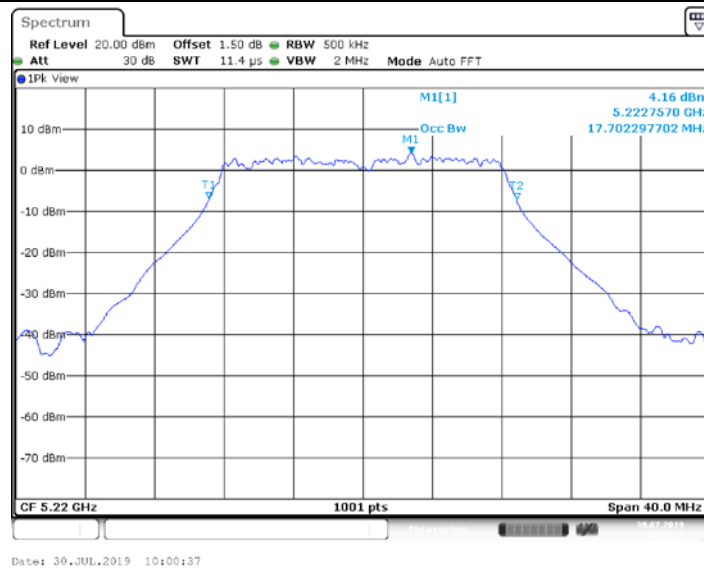
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		5220	17.383	0.000	0.000
		5745	17.383	0.000	0.000
		5785	17.263	0.000	0.000
		5825	17.542	0.000	0.000
11N20SISO	Ant2	5200	18.701	0.000	0.000
		5220	18.302	0.000	0.000
		5745	18.342	0.000	0.000
		5785	18.382	0.000	0.000
		5825	18.701	0.000	0.000
11N40SISO	Ant2	5190	37.243	0.000	0.000
		5230	37.003	0.000	0.000
		5755	36.923	0.000	0.000
		5795	36.444	0.000	0.000
11AC20SISO	Ant2	5200	18.302	0.000	0.000
		5220	18.222	0.000	0.000
		5745	18.302	0.000	0.000
		5785	18.182	0.000	0.000
		5825	18.462	0.000	0.000
11AC40SISO	Ant2	5190	37.323	0.000	0.000
		5230	37.003	0.000	0.000
		5755	36.683	0.000	0.000
		5795	36.763	0.000	0.000
11AC80SISO	Ant2	5210	76.244	0.000	0.000
		5775	75.924	0.000	0.000

Test Graphs

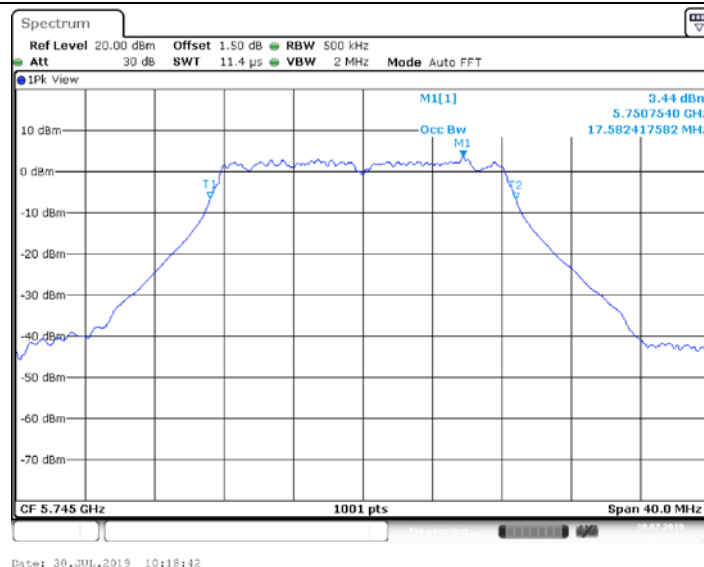
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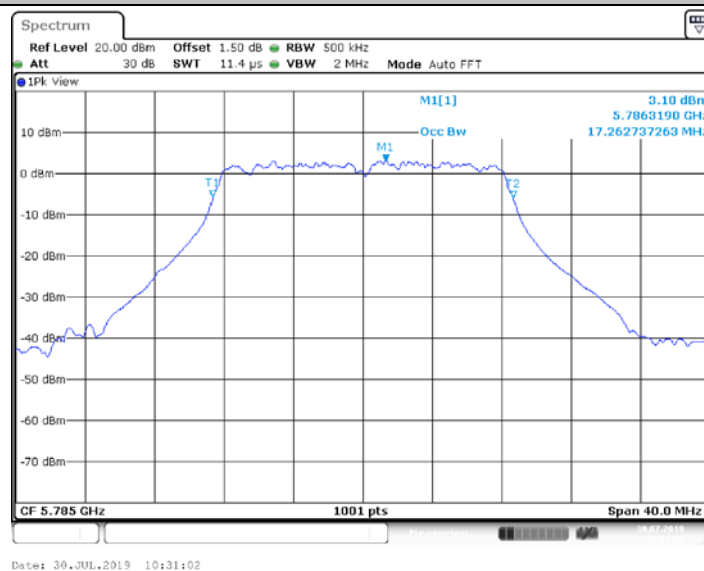
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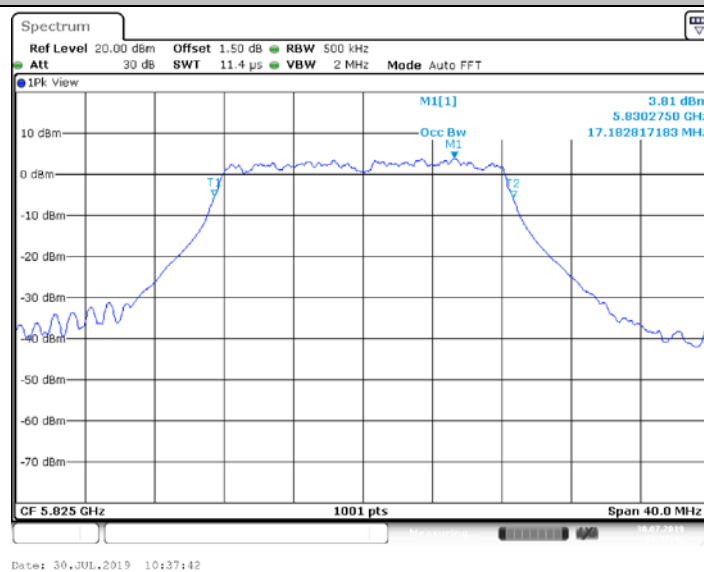
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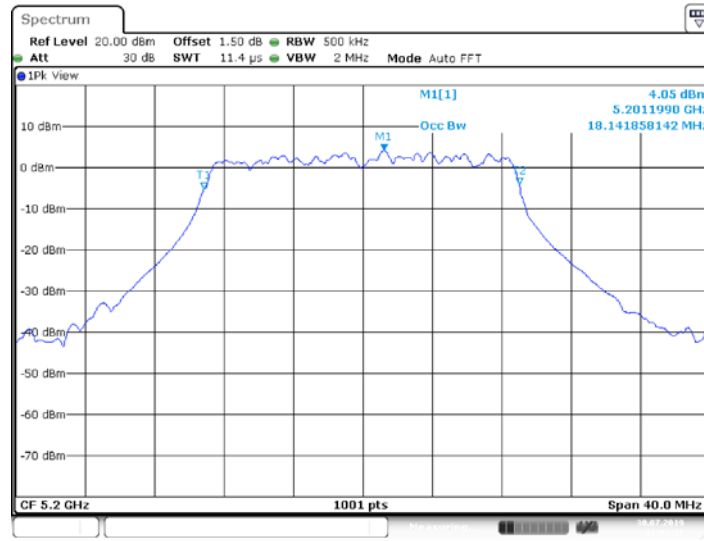
11A_Ant1_5785



11A_Ant1_5825

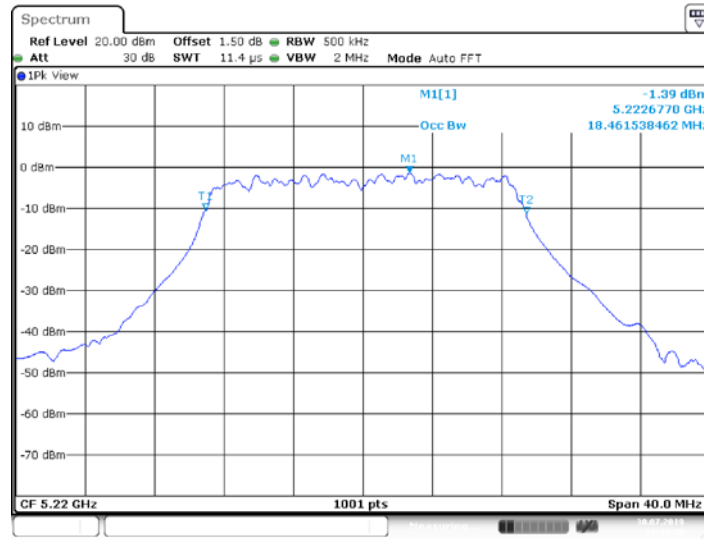


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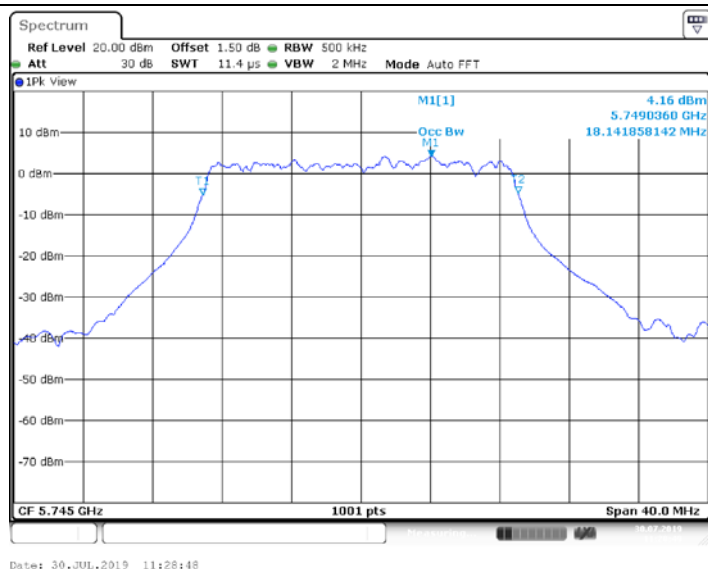
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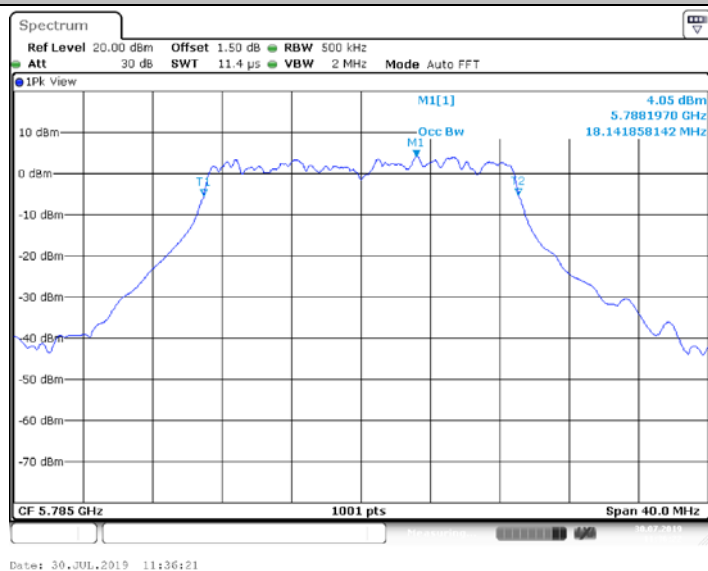


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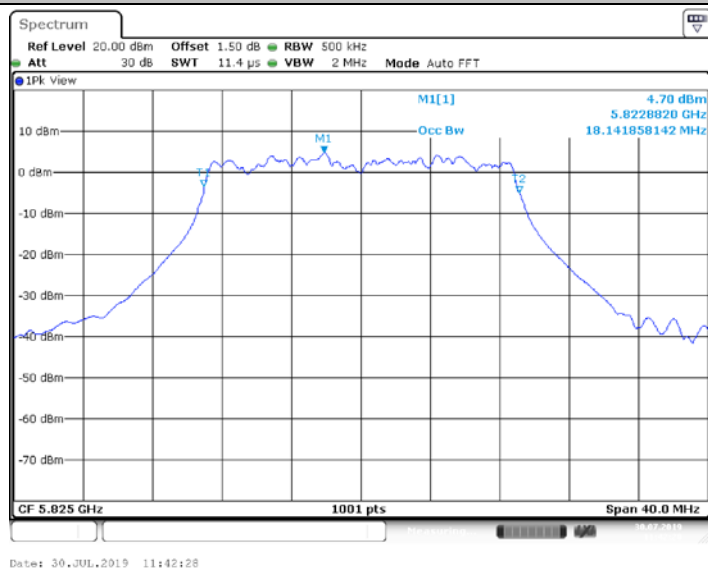
11N20SISO_Ant1_5745



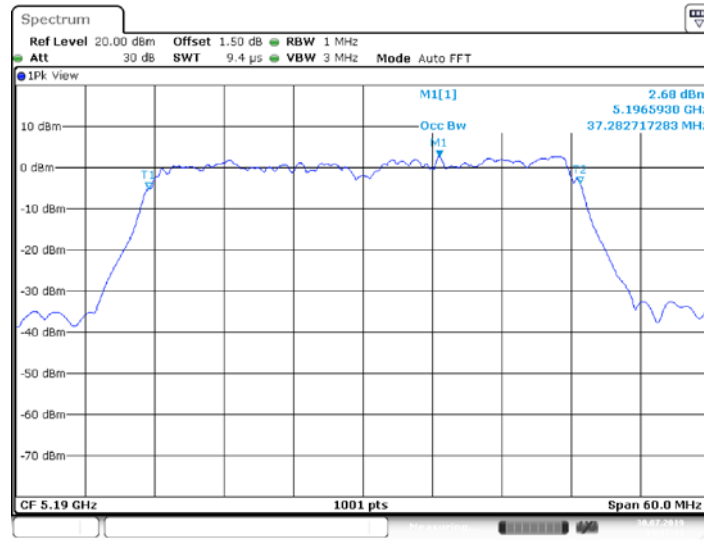
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825

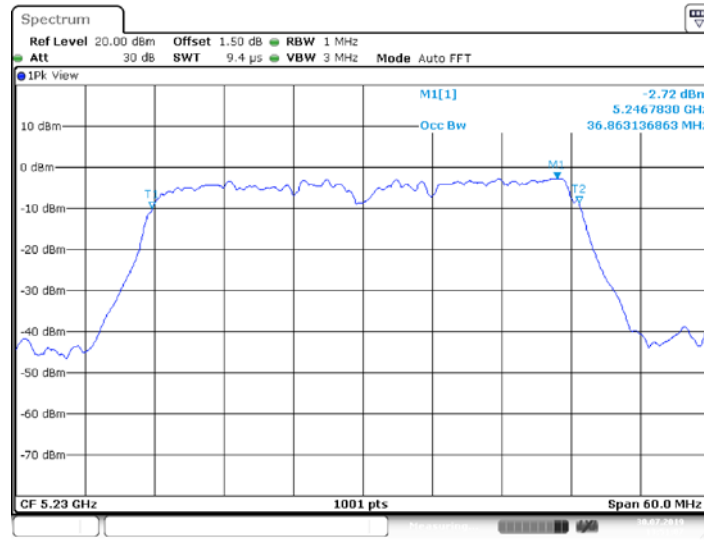


11N40SISO_Ant1_5190



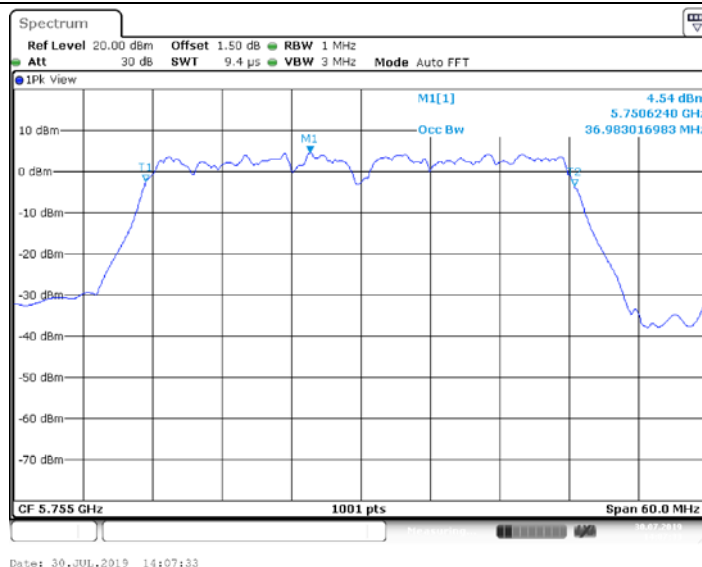
Date: 30.JUL.2019 13:37:32

11N40SISO_Ant1_5230

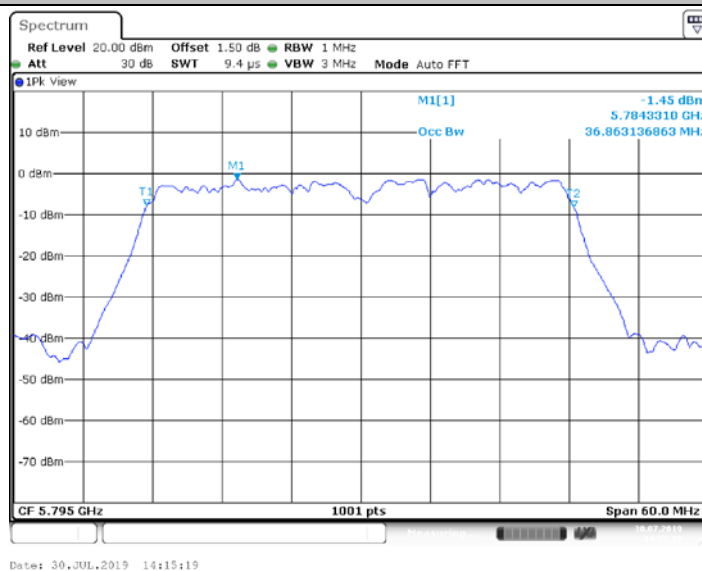


Date: 30.JUL.2019 13:51:07

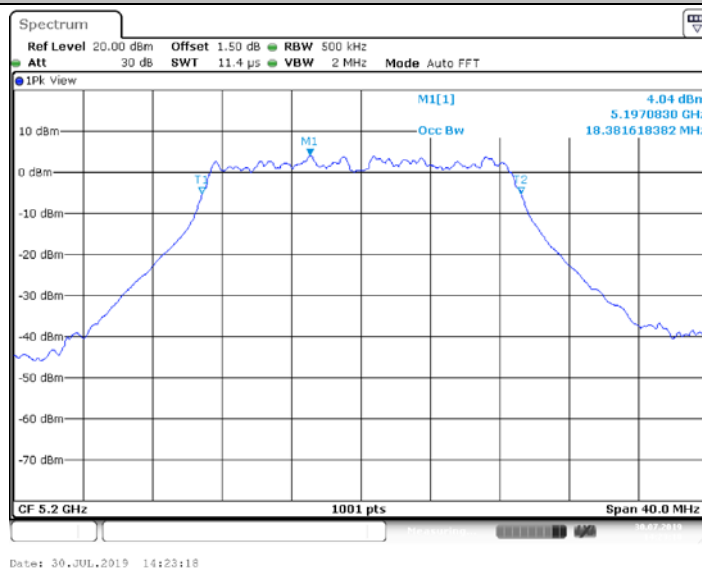
11N40SISO_Ant1_5755



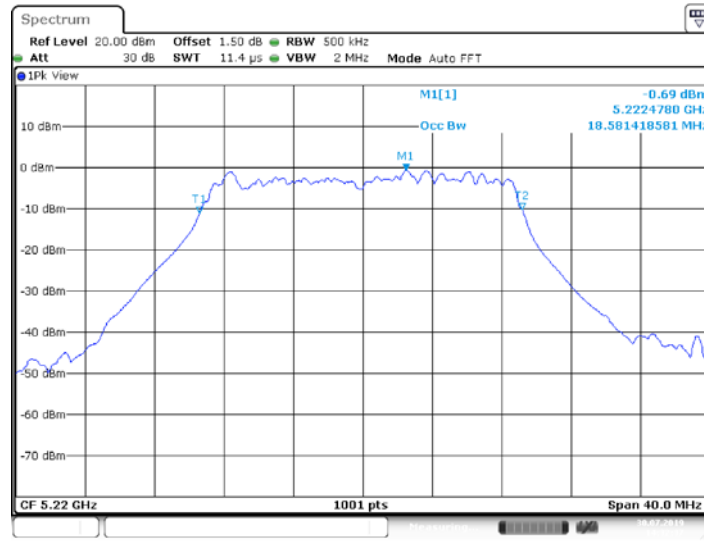
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5200

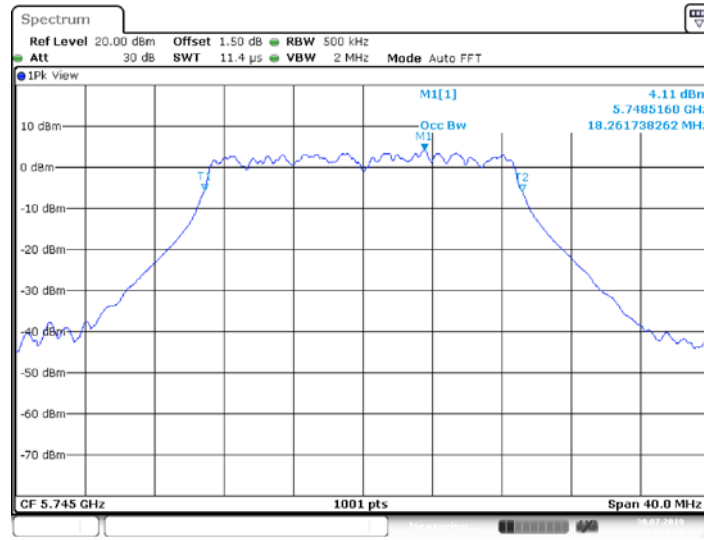


11AC20SISO_Ant1_5220



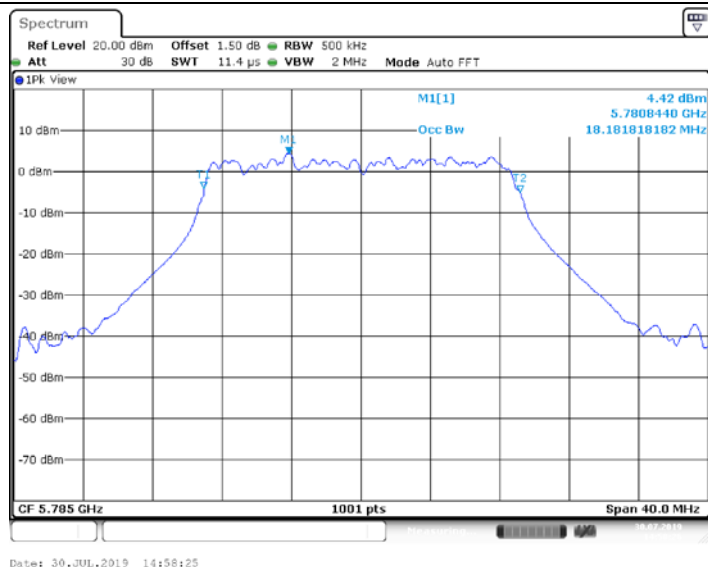
Date: 30.JUL.2019 14:32:37

11AC20SISO_Ant1_5745

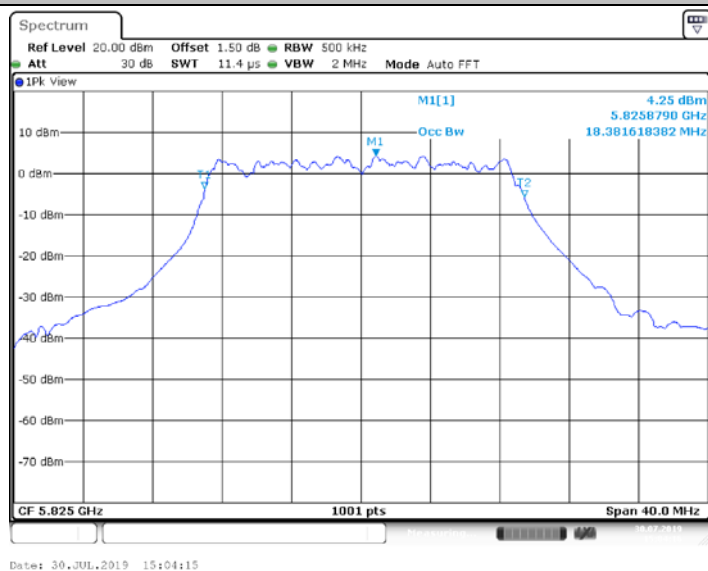


Date: 30.JUL.2019 14:51:47

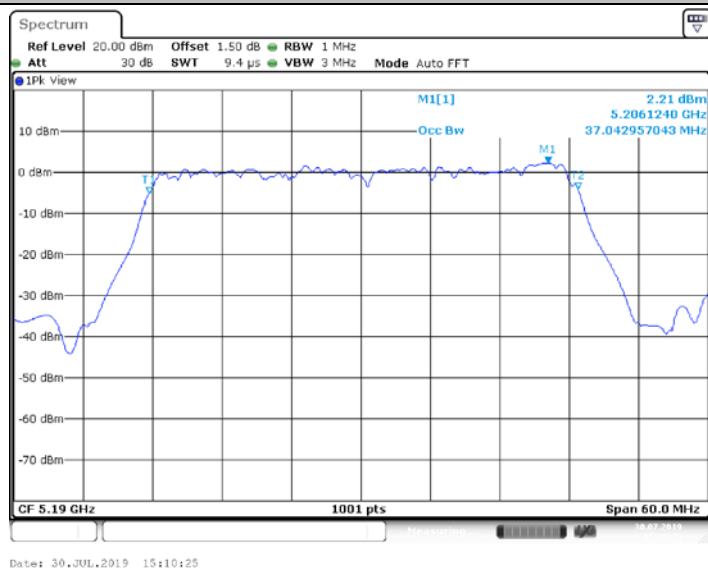
11AC20SISO_Ant1_5785



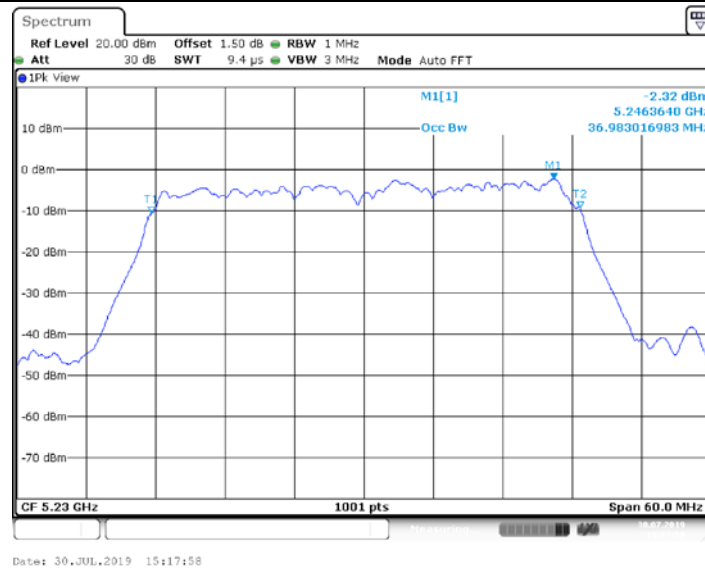
11AC20SISO_Ant1_5825



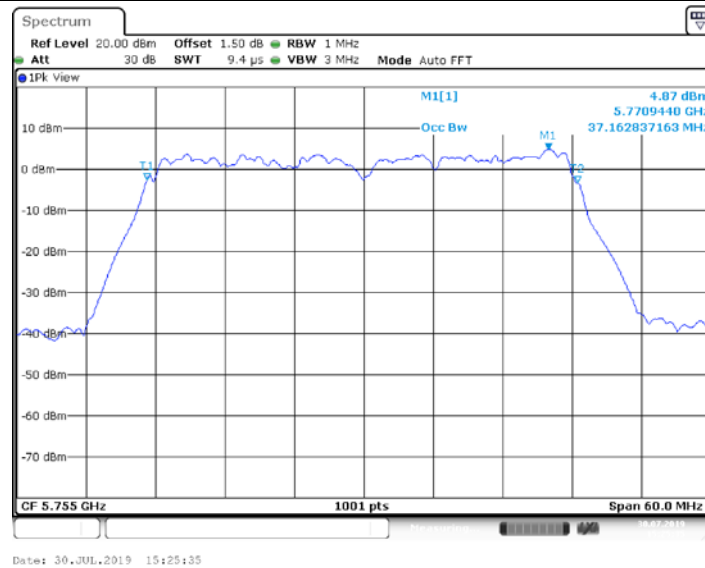
11AC40SISO_Ant1_5190



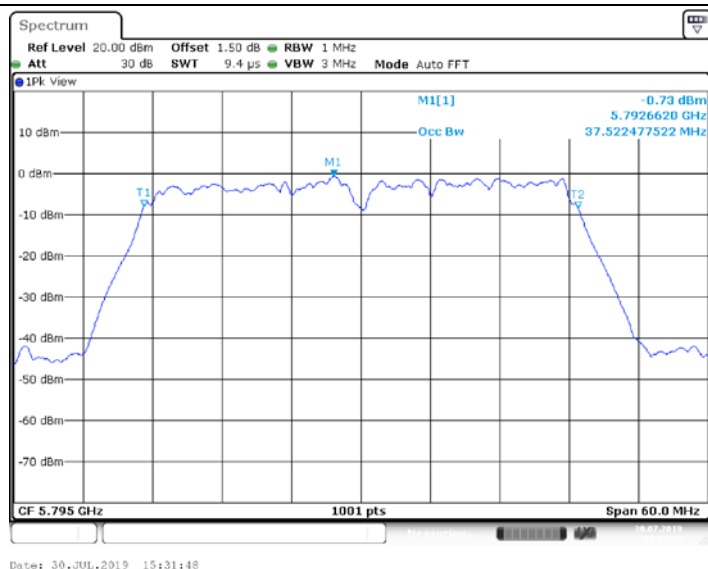
11AC40SISO_Ant1_5230



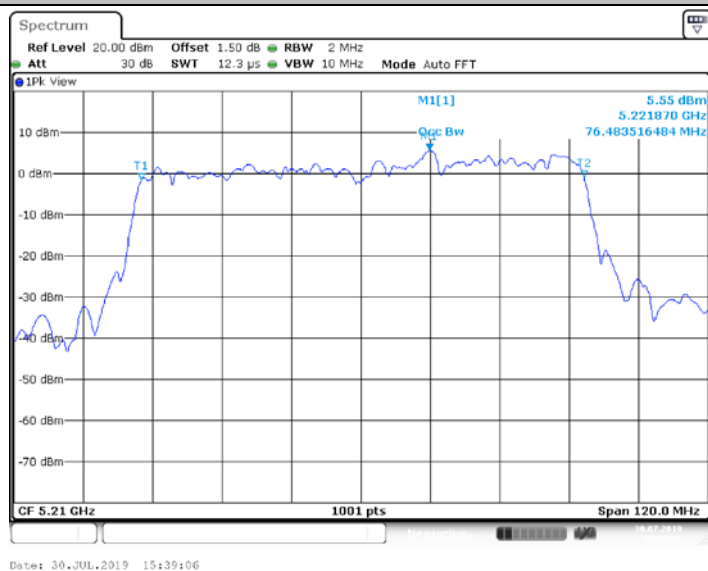
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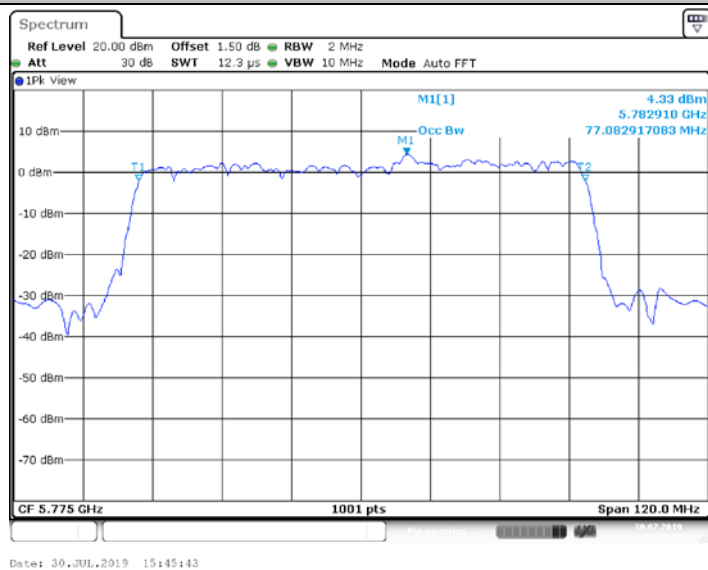
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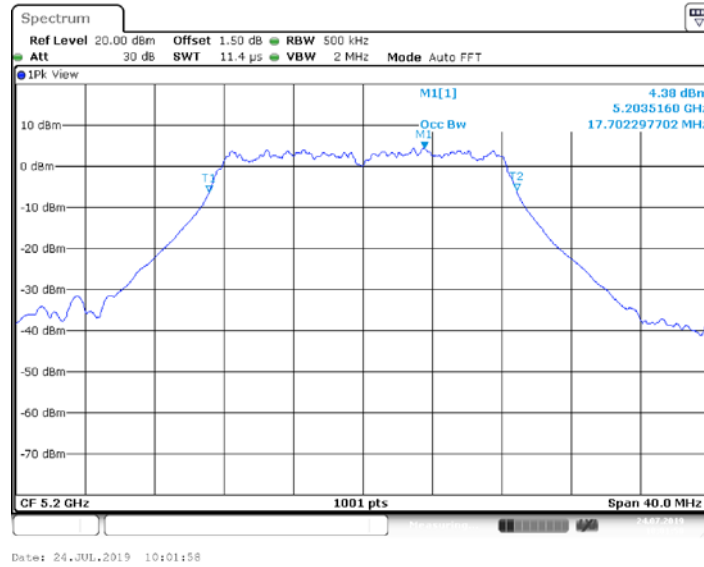
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

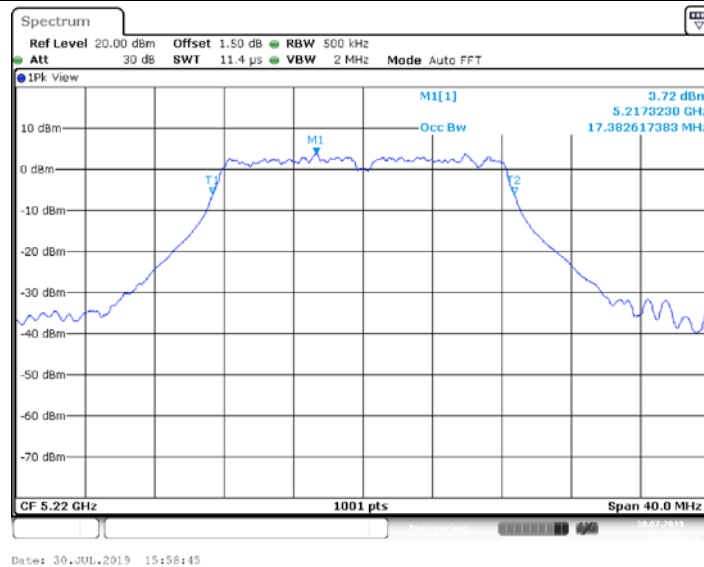


11A_Ant2_5200



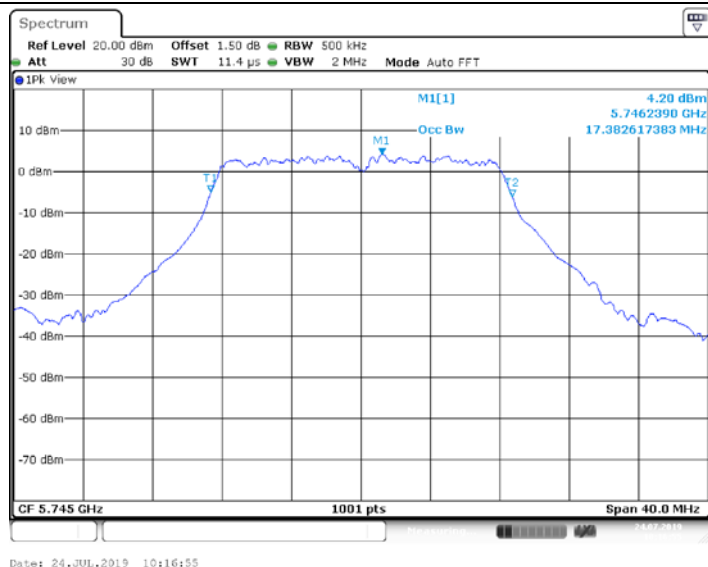
Date: 24.JUL.2019 10:01:58

11A_Ant2_5220

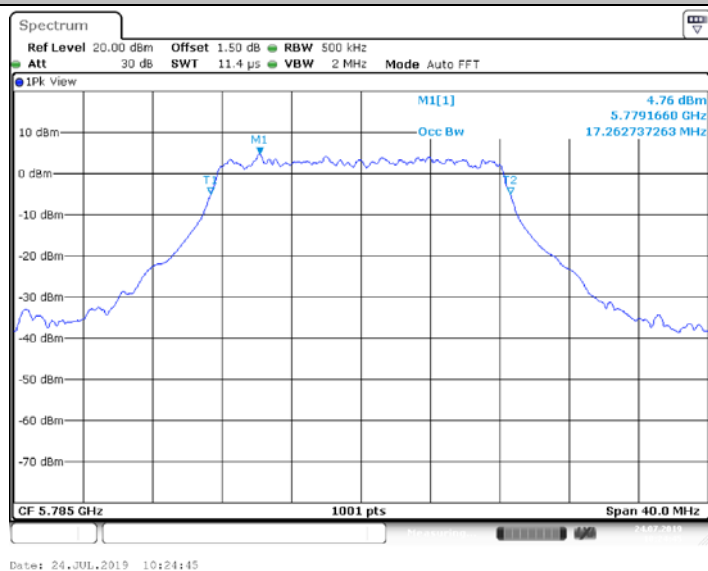


Date: 30.JUL.2019 15:58:45

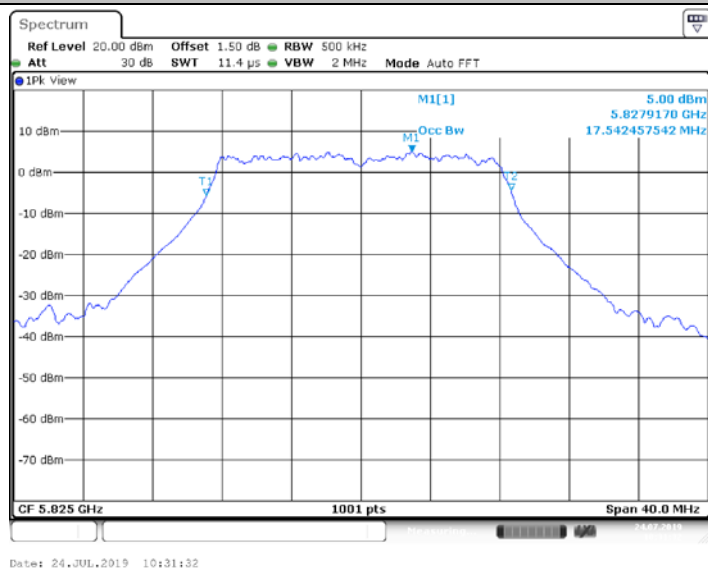
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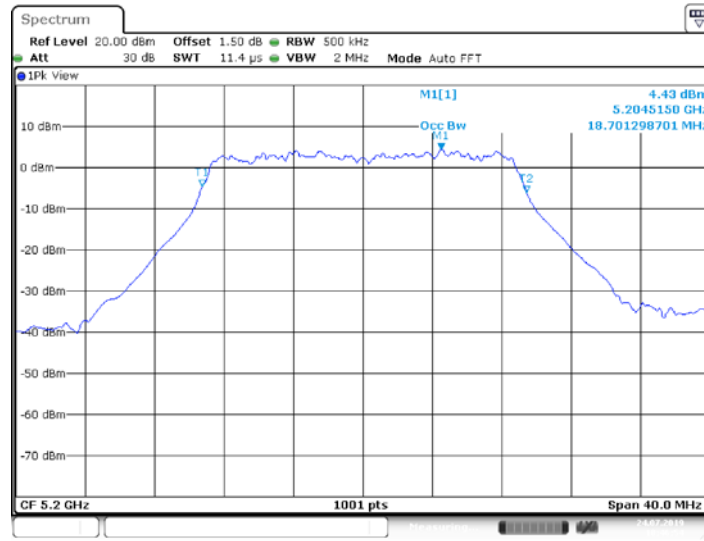
11A_Ant2_5785



11A_Ant2_5825

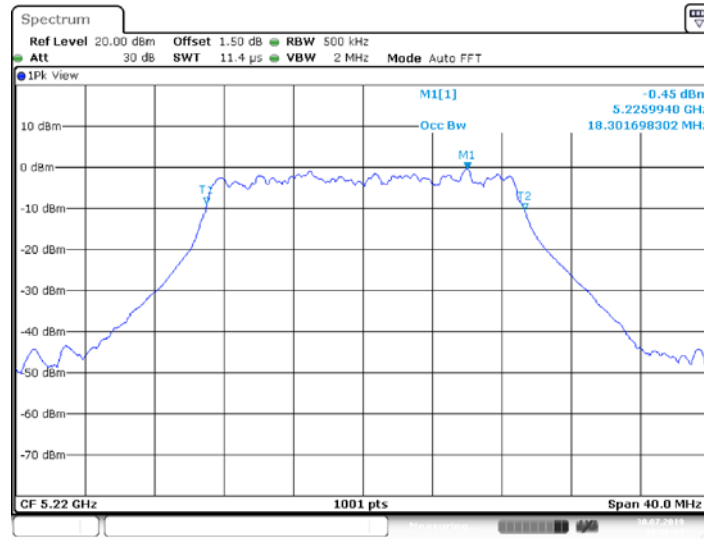


11N20SISO_Ant2_5200



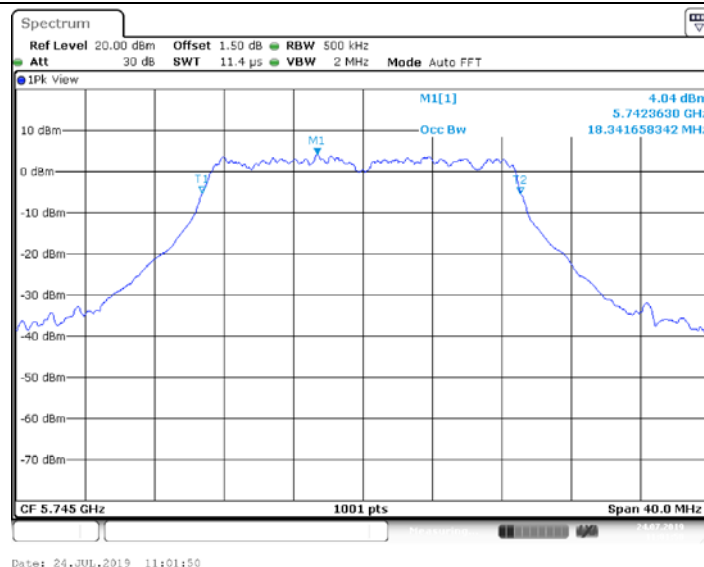
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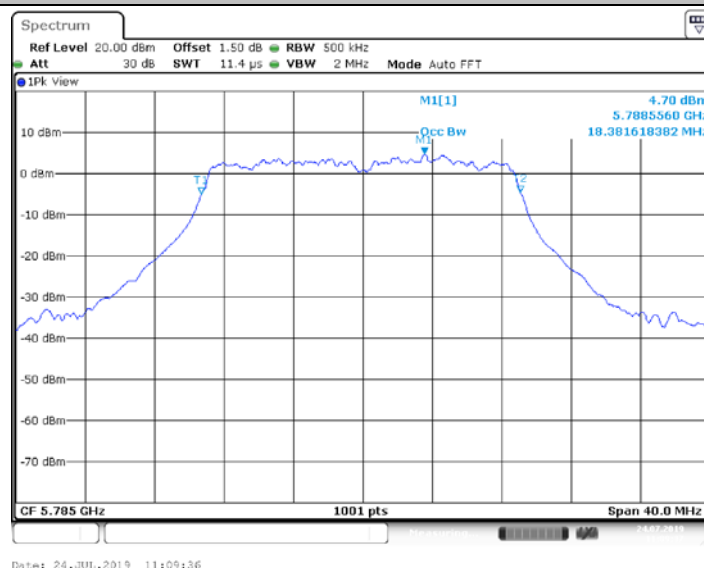


Date: 30.JUL.2019 16:06:03

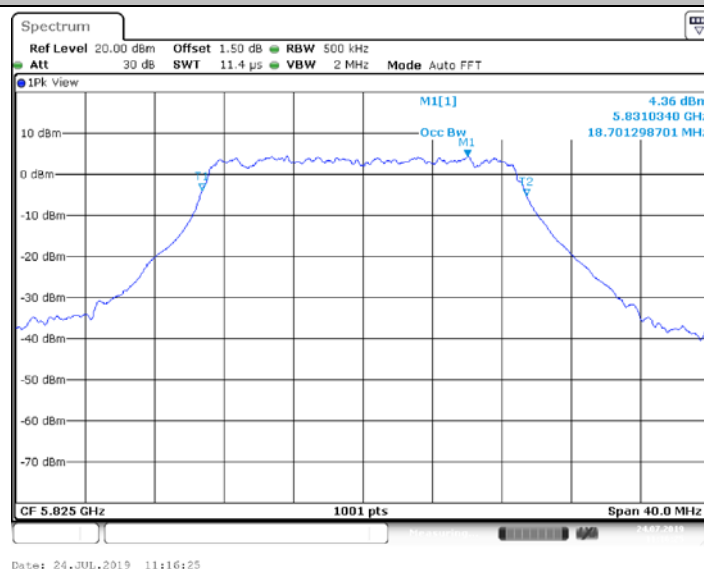
11N20SISO_Ant2_5745



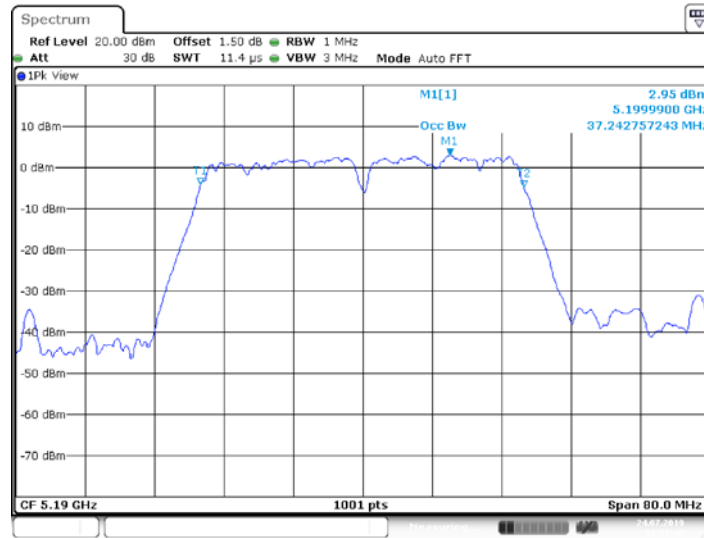
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825

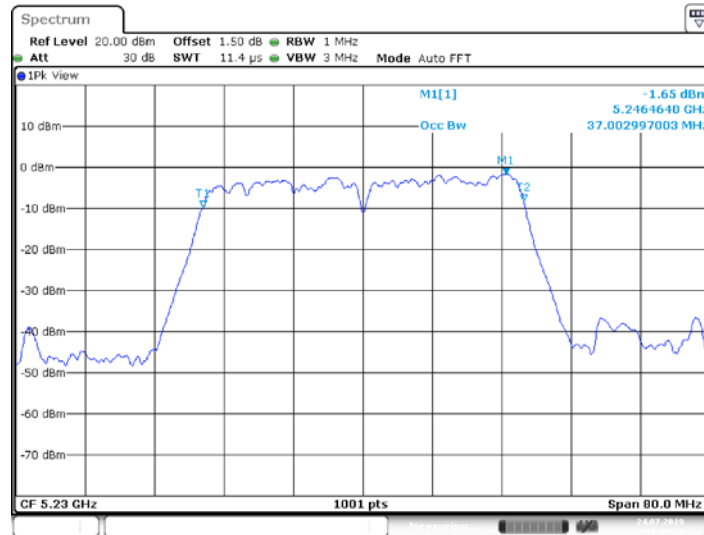


11N40SISO_Ant2_5190



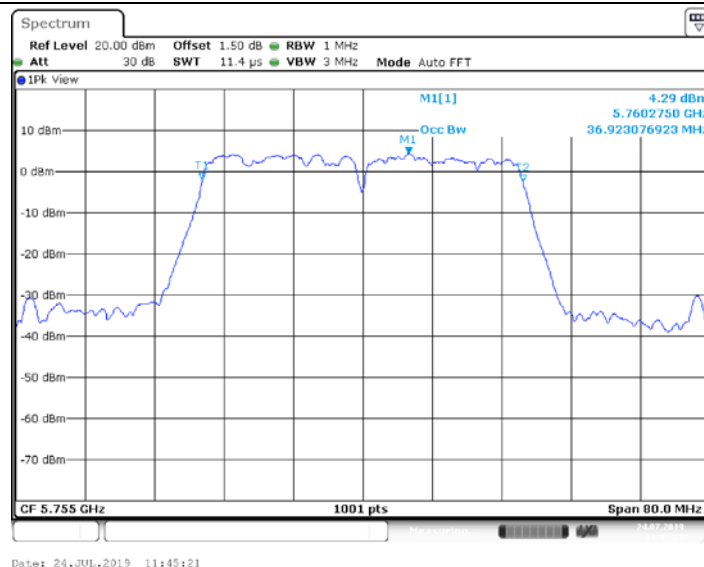
Date: 24.JUL.2019 11:28:49

11N40SISO_Ant2_5230

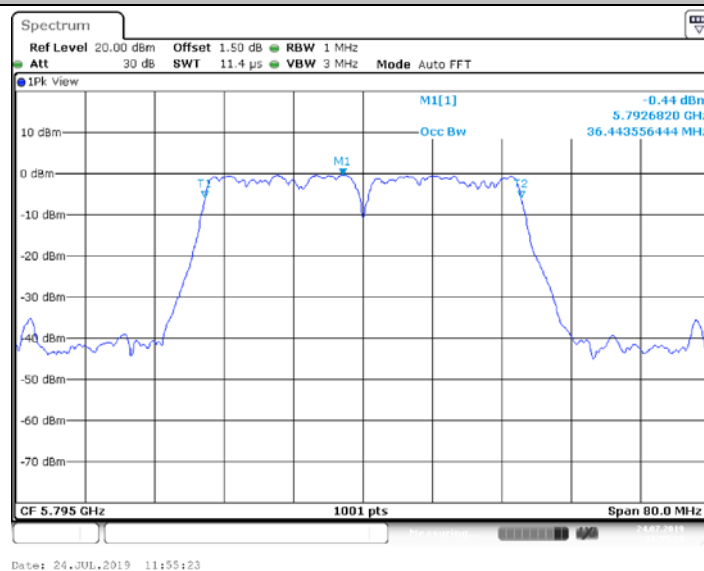


Date: 24.JUL.2019 11:37:41

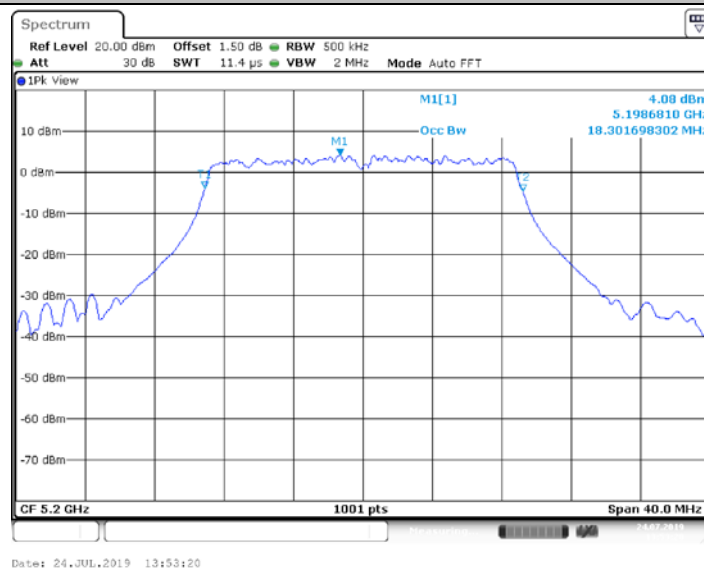
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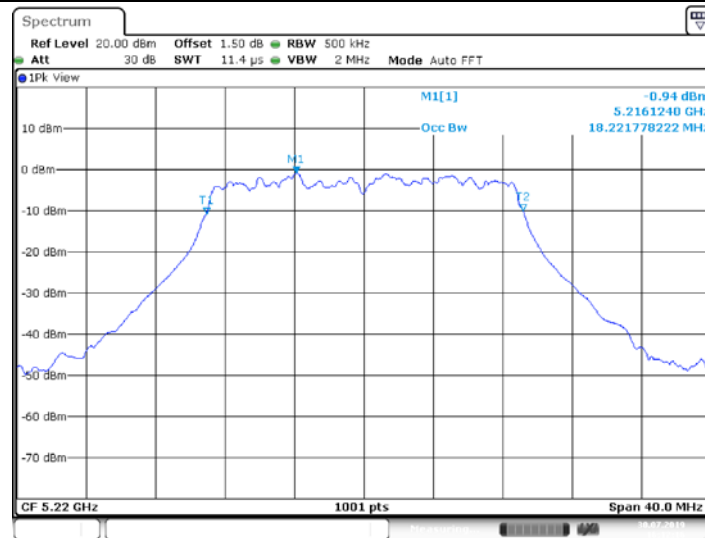
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5200

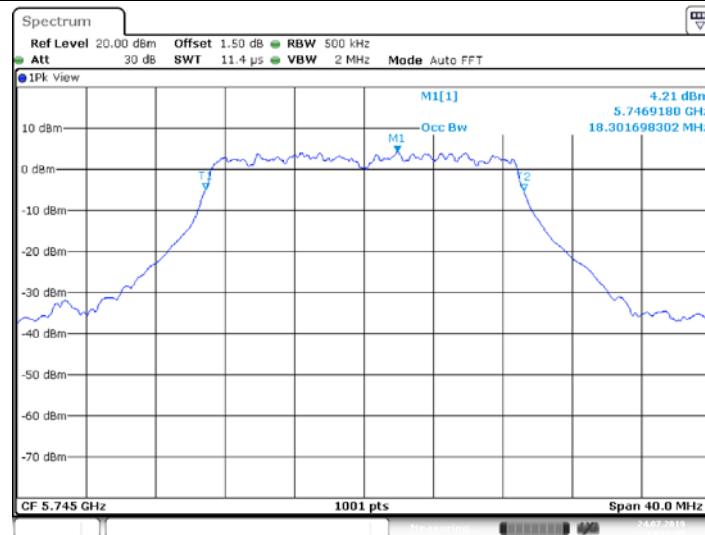


11AC20SISO_Ant2_5220



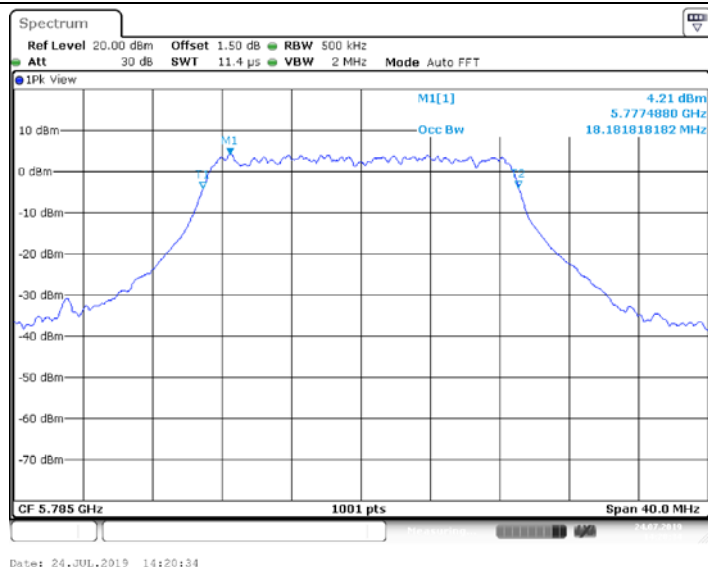
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11AC20SISO_Ant2_5745

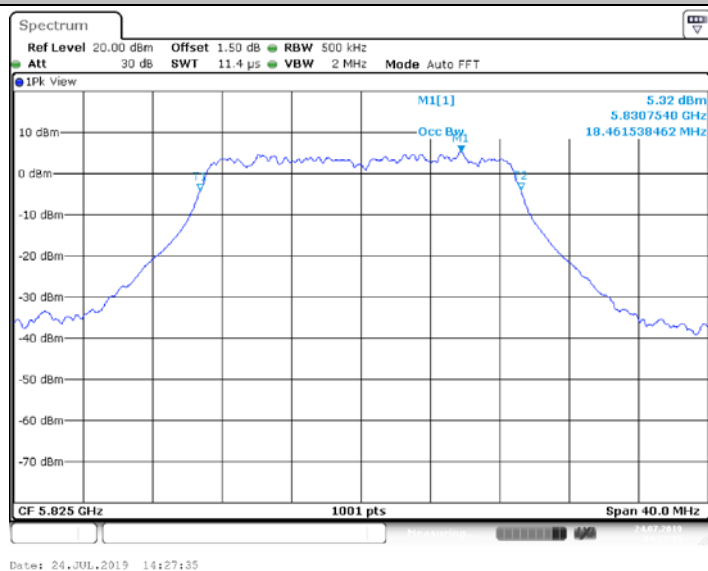


Date: 24.JUL.2019 14:11:35

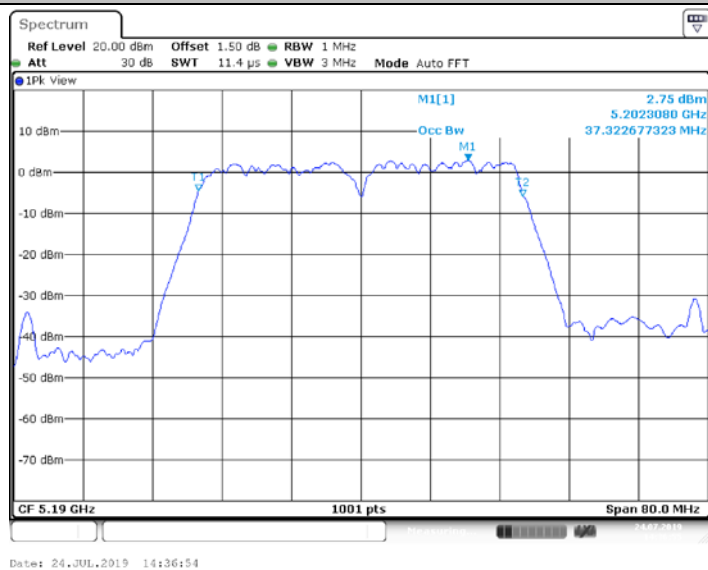
11AC20SISO_Ant2_5785



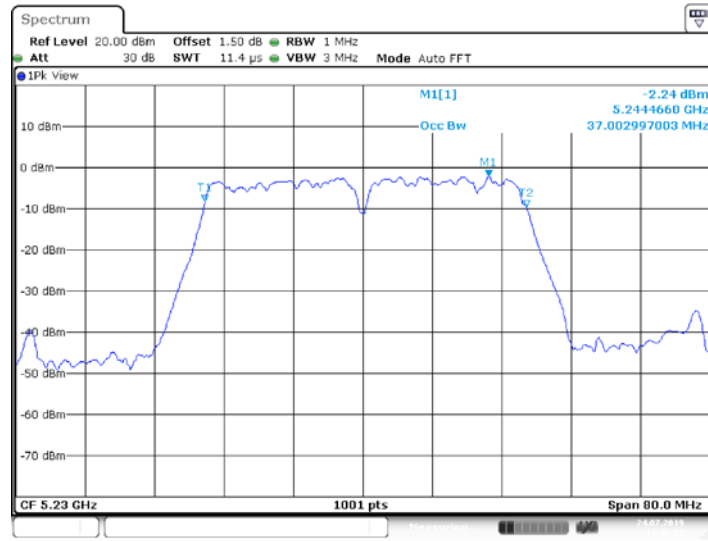
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5190

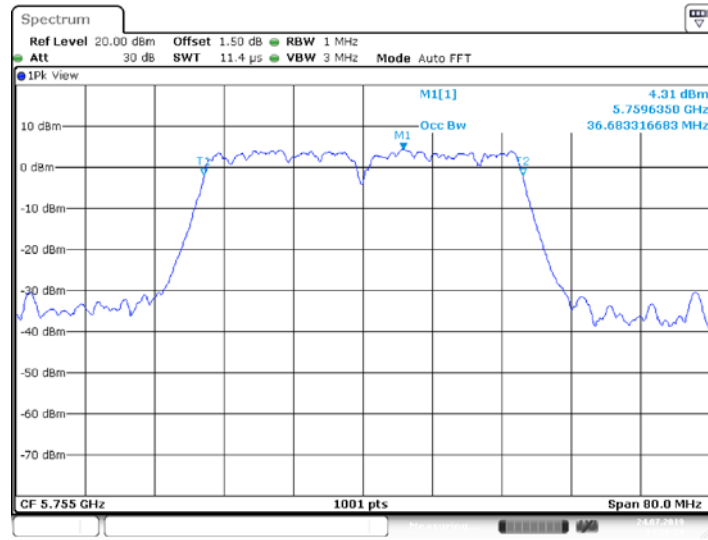


11AC40SISO_Ant2_5230



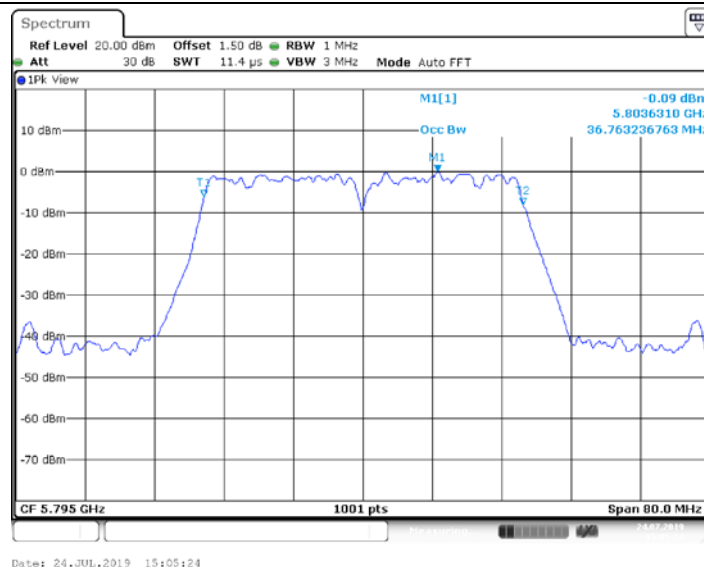
Date: 24.JUL.2019 14:46:17

11AC40SISO_Ant2_5755

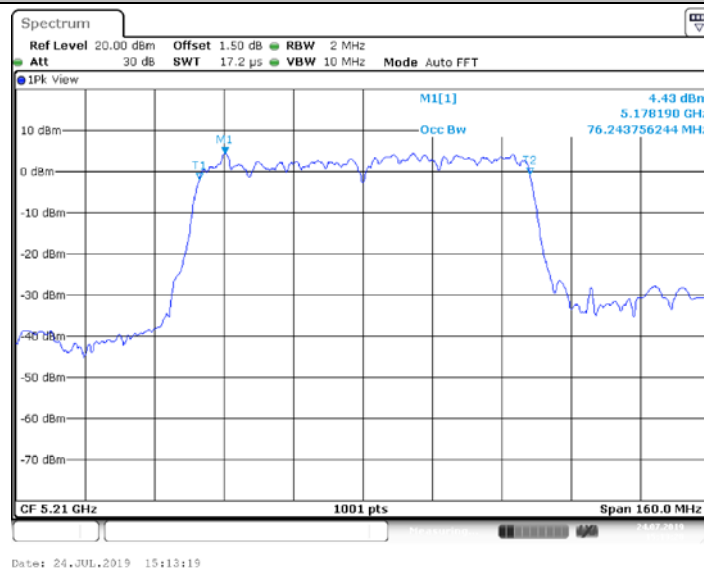


Date: 24.JUL.2019 14:56:24

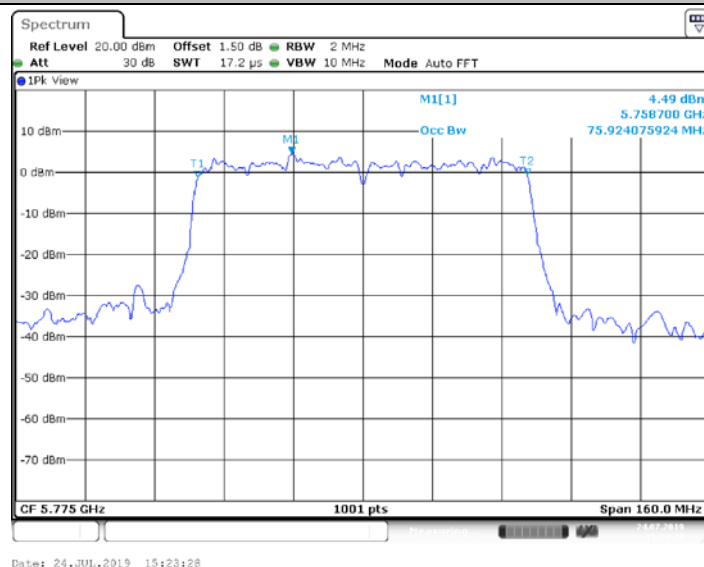
11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5210



11AC80SISO_Ant2_5775



Appendix A3: Min emission bandwidth

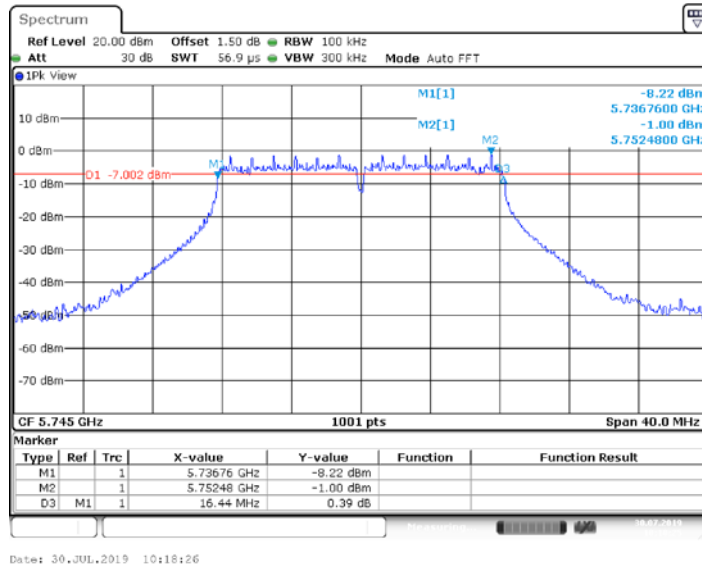
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.760	5753.200	0.5	PASS
		5785	16.440	5776.760	5793.200	0.5	PASS
		5825	16.440	5816.760	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.720	5816.120	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.600	5736.700	5773.300	0.5	PASS
		5795	36.600	5776.700	5813.300	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.600	5736.700	5773.300	0.5	PASS
		5795	36.360	5776.940	5813.300	0.5	PASS
11AC80SISO	Ant1	5775	76.200	5737.320	5813.520	0.5	PASS

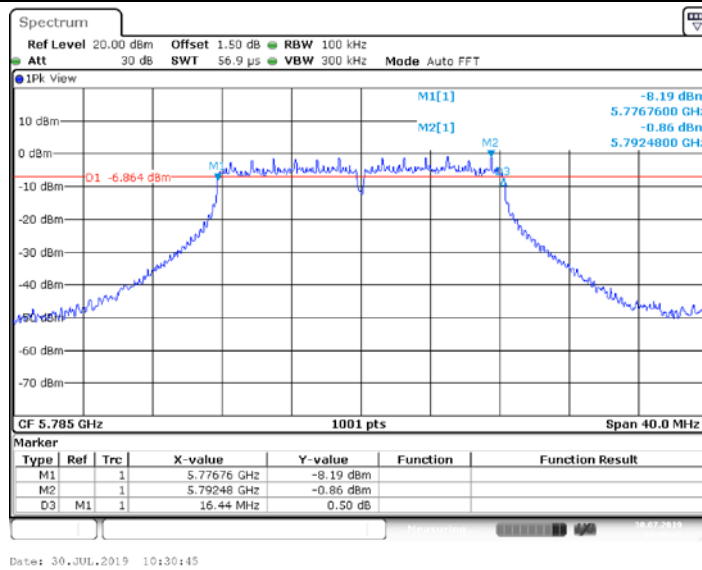
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.440	5736.760	5753.200	0.5	PASS
		5785	16.440	5776.760	5793.200	0.5	PASS
		5825	16.440	5816.760	5833.200	0.5	PASS
11N20SISO	Ant2	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.680	5776.120	5793.800	0.5	PASS
		5825	17.680	5816.120	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.560	5776.680	5813.240	0.5	PASS
11AC20SISO	Ant2	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.720	5776.120	5793.840	0.5	PASS
		5825	17.680	5816.120	5833.800	0.5	PASS
11AC40SISO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant2	5775	76.640	5736.600	5813.240	0.5	PASS

Test Graphs

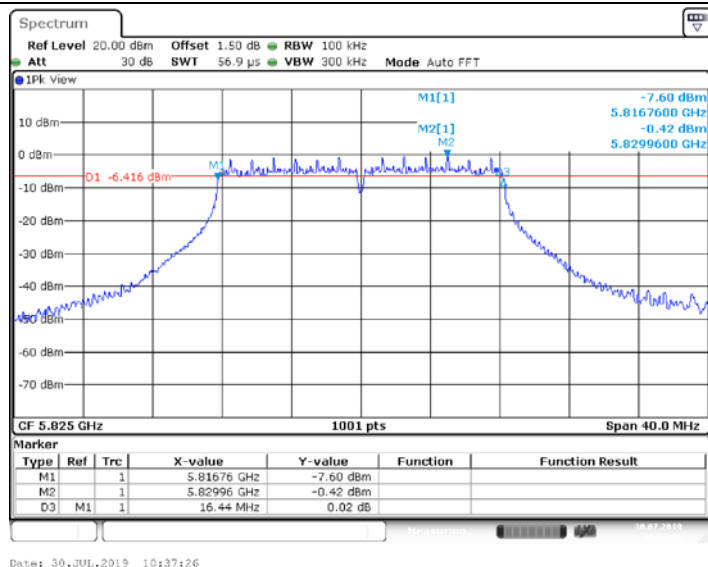
11A_Ant1_5745



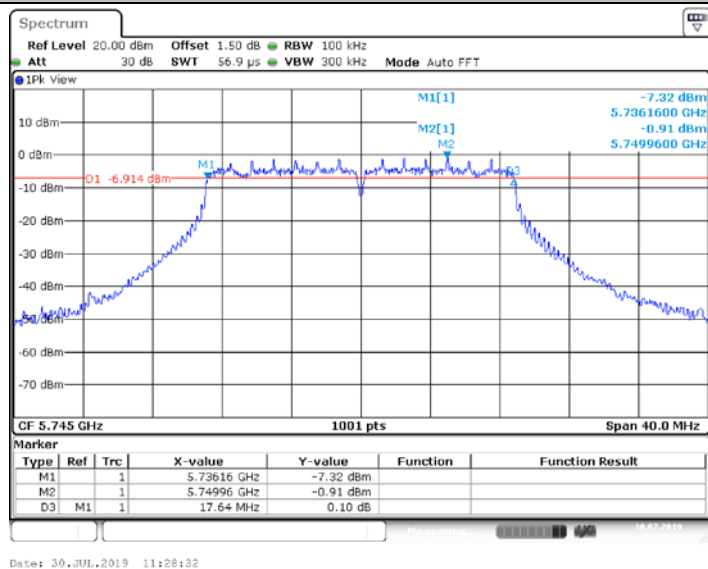
11A_Ant1_5785



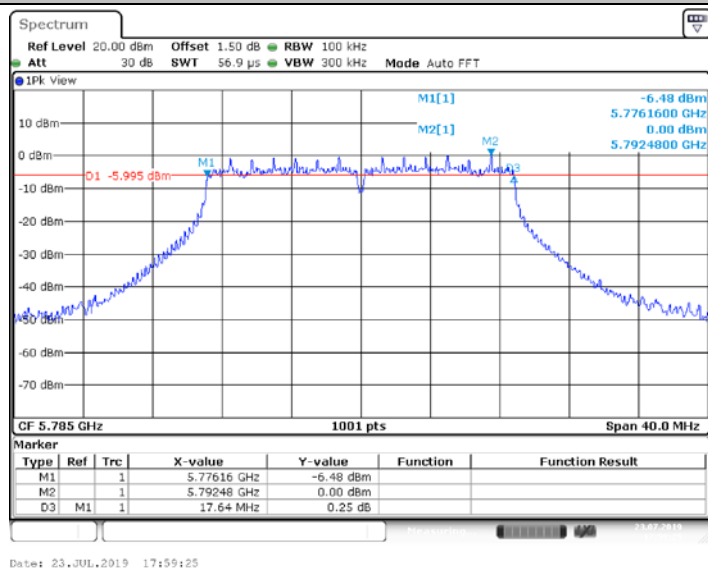
11A_Ant1_5825



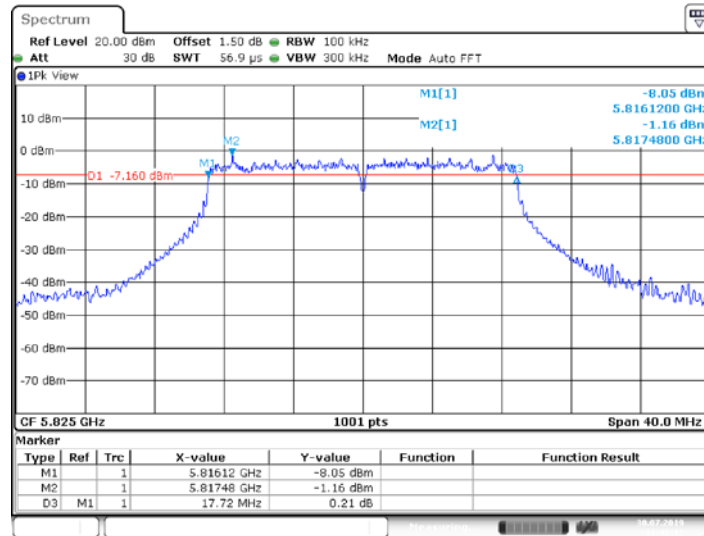
11N20SISO_Ant1_5745



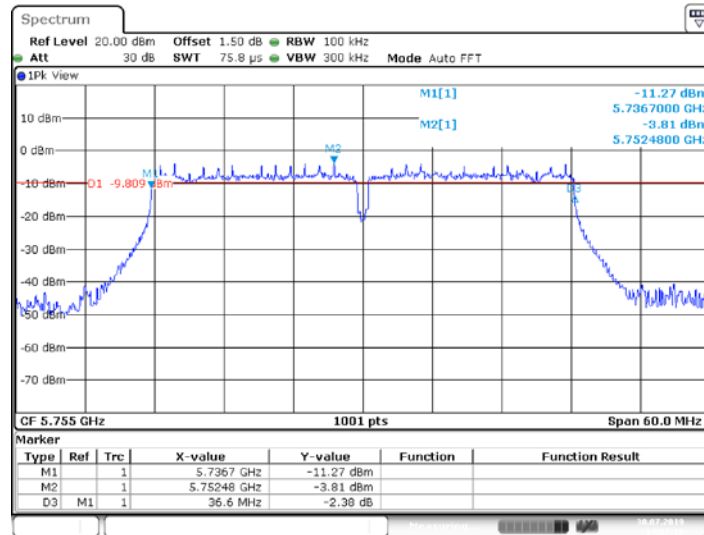
11N20SISO_Ant1_5785



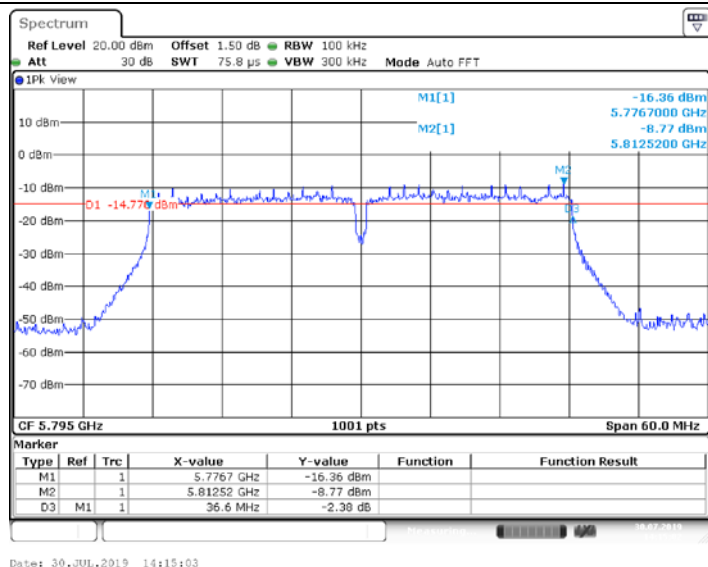
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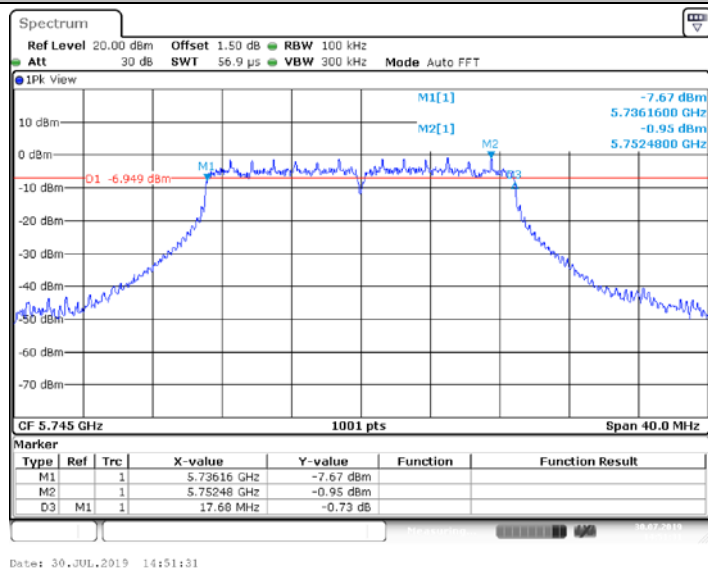
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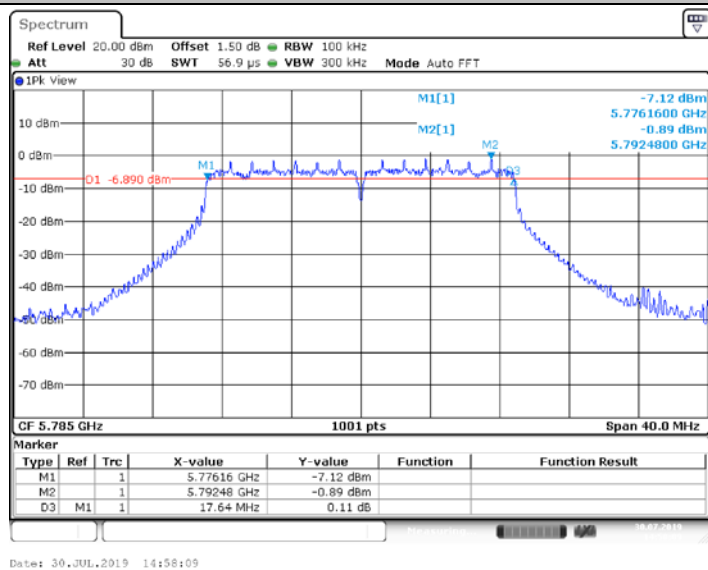
11N40SISO_Ant1_5795



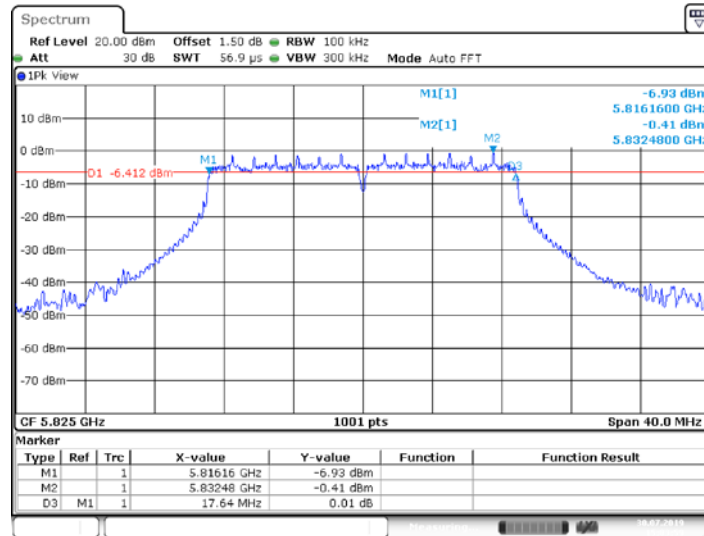
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

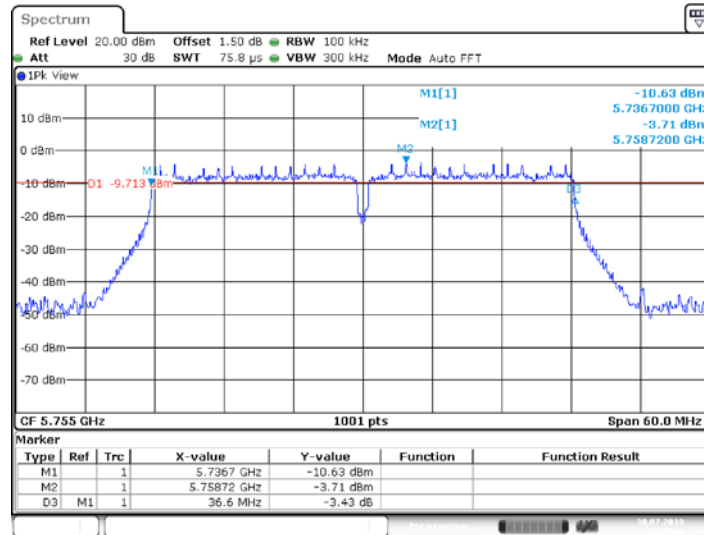


11AC20SISO_Ant1_5825



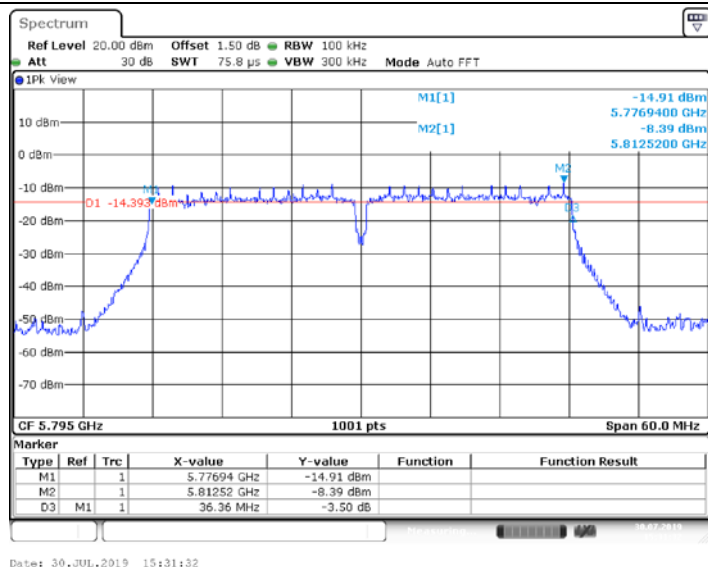
Date: 30.JUL.2019 15:03:59

11AC40SISO_Ant1_5755

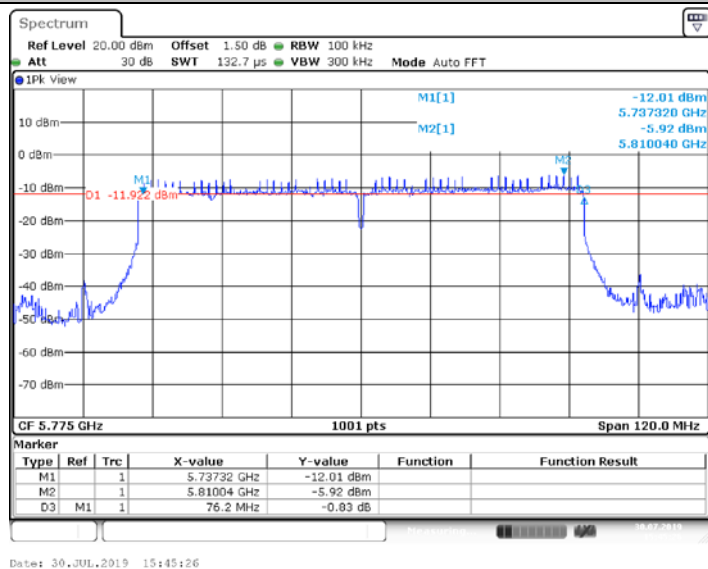


Date: 30.JUL.2019 15:25:18

11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11A_Ant2_5745

