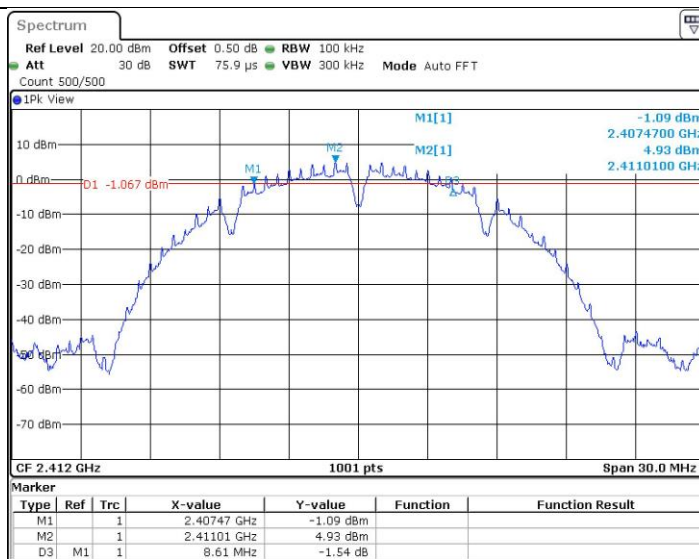
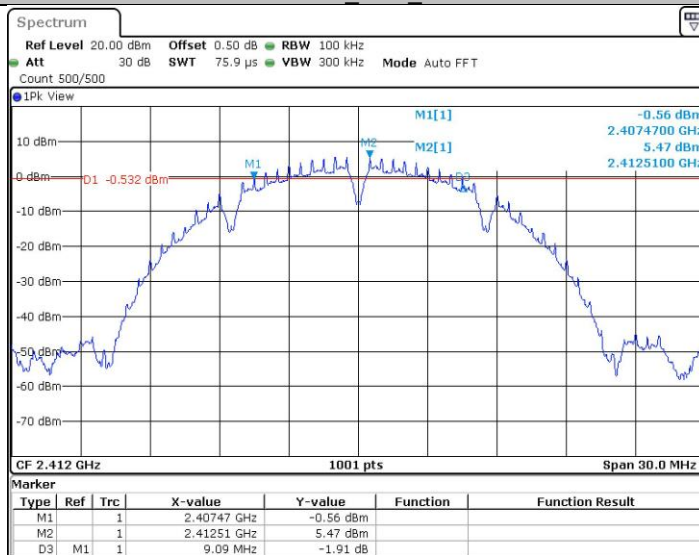


Appendix A1:6dB Emission Bandwidth Test Result

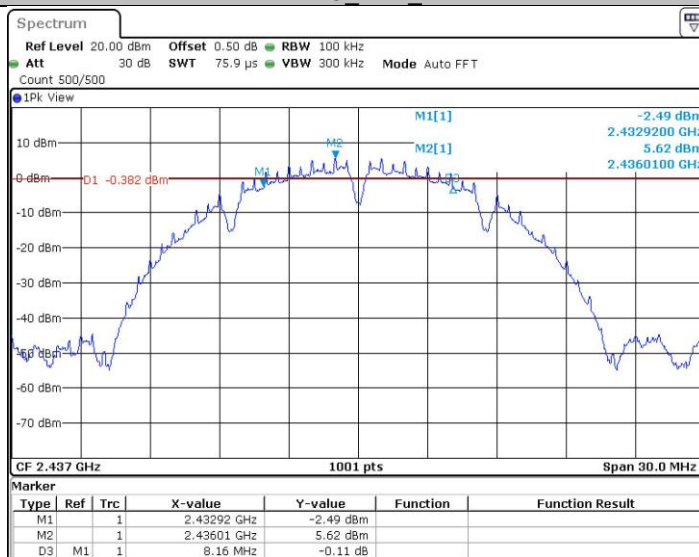
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B SISO	Ant1	2412	8.610	2407.470	2416.080	>=0.5	PASS
	Ant2	2412	9.090	2407.470	2416.560	>=0.5	PASS
	Ant1	2437	8.160	2432.920	2441.080	>=0.5	PASS
	Ant2	2437	8.610	2432.440	2441.050	>=0.5	PASS
	Ant1	2462	8.640	2457.920	2466.560	>=0.5	PASS
	Ant2	2462	9.090	2457.440	2466.530	>=0.5	PASS
11N20SISO	Ant1	2412	14.130	2405.430	2419.560	>=0.5	PASS
	Ant2	2412	15.090	2404.440	2419.530	>=0.5	PASS
	Ant1	2437	13.890	2430.640	2444.530	>=0.5	PASS
	Ant2	2437	15.990	2429.440	2445.430	>=0.5	PASS
	Ant1	2462	15.120	2454.440	2469.560	>=0.5	PASS
	Ant2	2462	13.920	2455.640	2469.560	>=0.5	PASS
11N40SISO	Ant1	2422	35.280	2404.360	2439.640	>=0.5	PASS
	Ant2	2422	35.280	2404.360	2439.640	>=0.5	PASS
	Ant1	2437	35.280	2419.360	2454.640	>=0.5	PASS
	Ant2	2437	35.220	2419.420	2454.640	>=0.5	PASS
	Ant1	2452	35.280	2434.360	2469.640	>=0.5	PASS
	Ant2	2452	35.280	2434.360	2469.640	>=0.5	PASS
11G SISO	Ant1	2412	15.090	2404.470	2419.560	>=0.5	PASS
	Ant2	2412	15.150	2404.440	2419.590	>=0.5	PASS
	Ant1	2437	15.090	2429.470	2444.560	>=0.5	PASS
	Ant2	2437	15.090	2429.500	2444.590	>=0.5	PASS
	Ant1	2462	14.460	2454.440	2468.900	>=0.5	PASS
	Ant2	2462	15.090	2454.470	2469.560	>=0.5	PASS



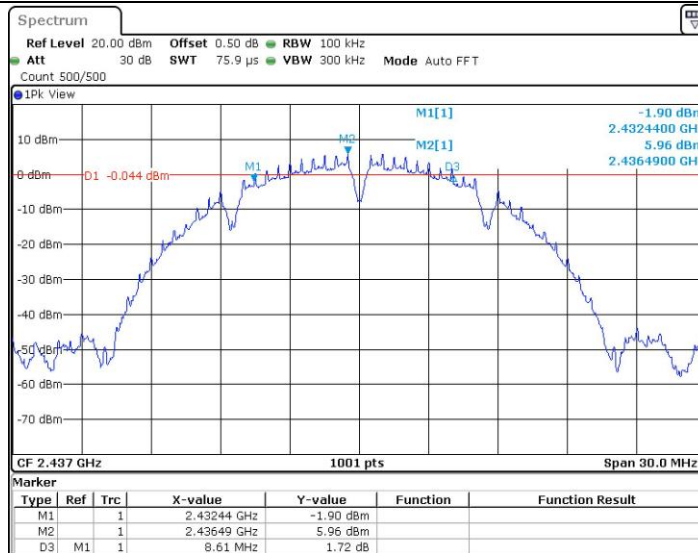
11B SISO_Ant1_2412



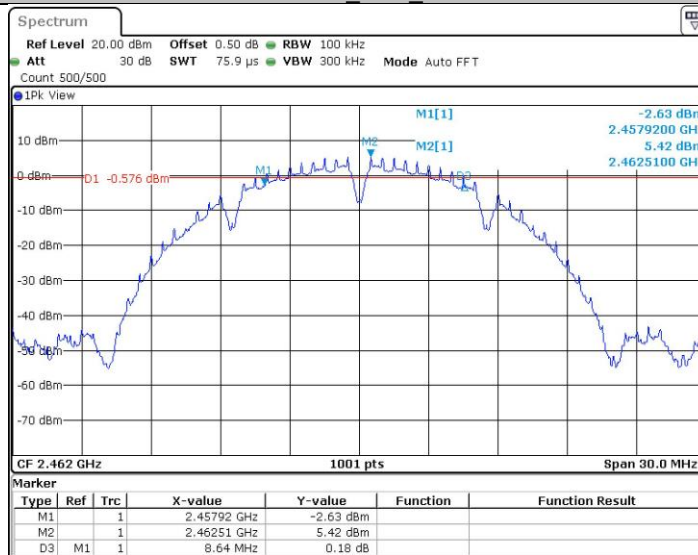
11B SISO_Ant2_2412



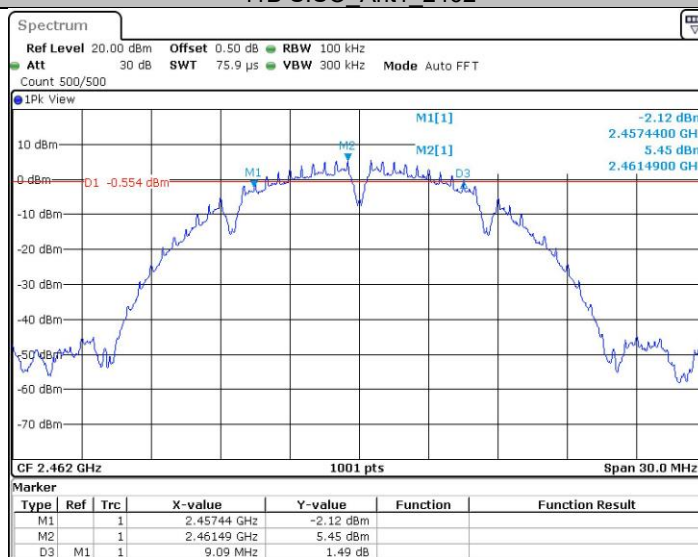
11B SISO_Ant1_2437



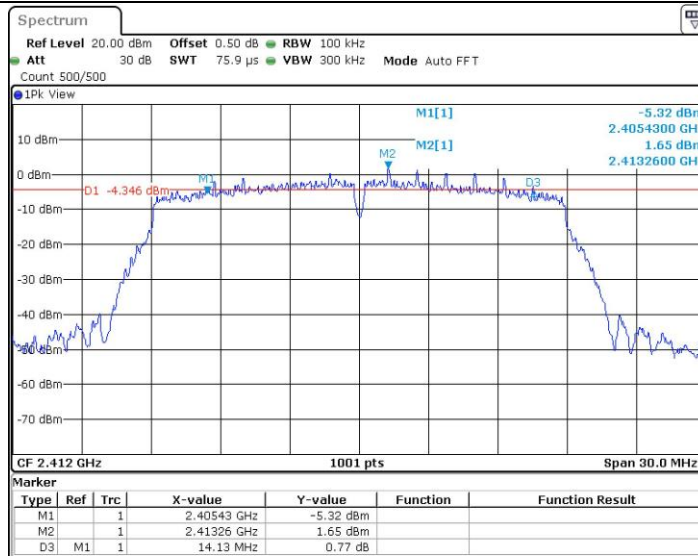
11B SISO_Ant2_2437



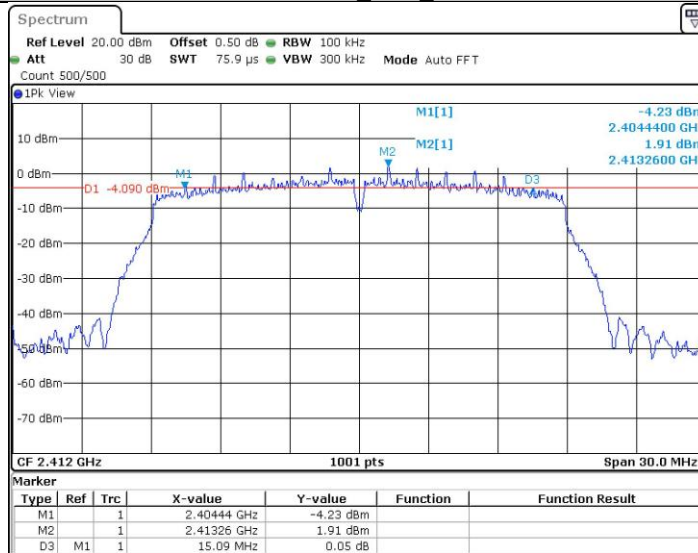
11B SISO_Ant1_2462



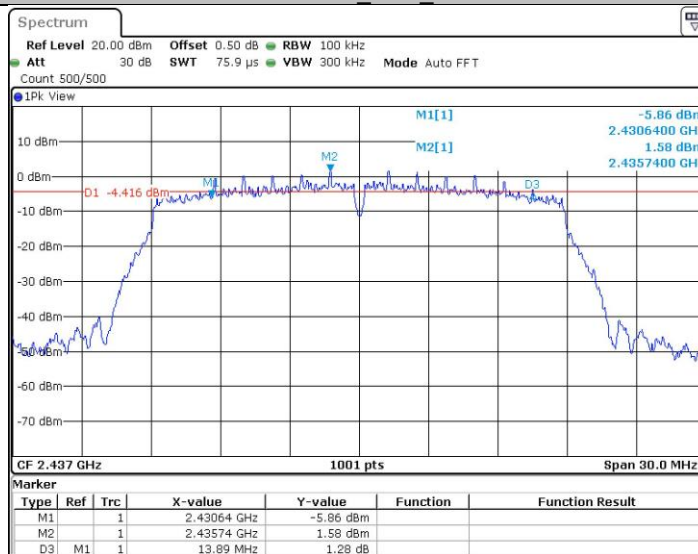
11B SISO_Ant2_2462



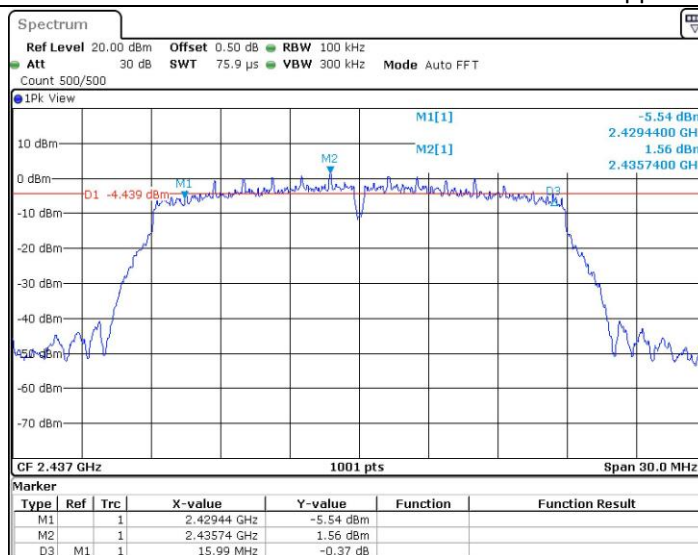
11N20SISO_Ant1_2412



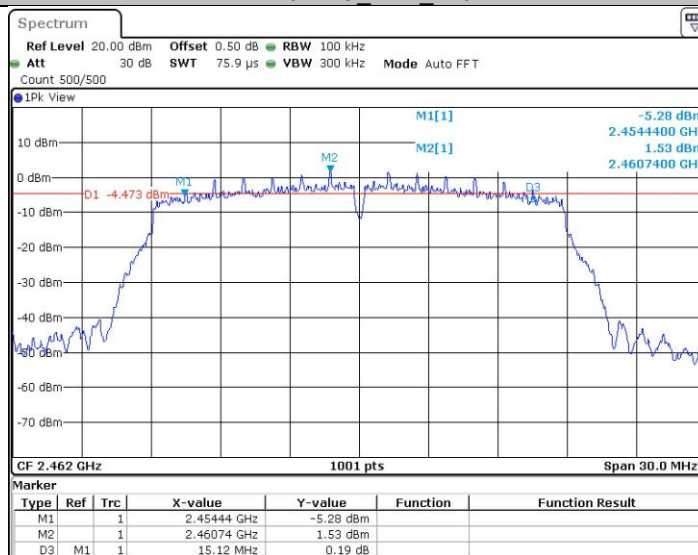
11N20SISO_Ant2_2412



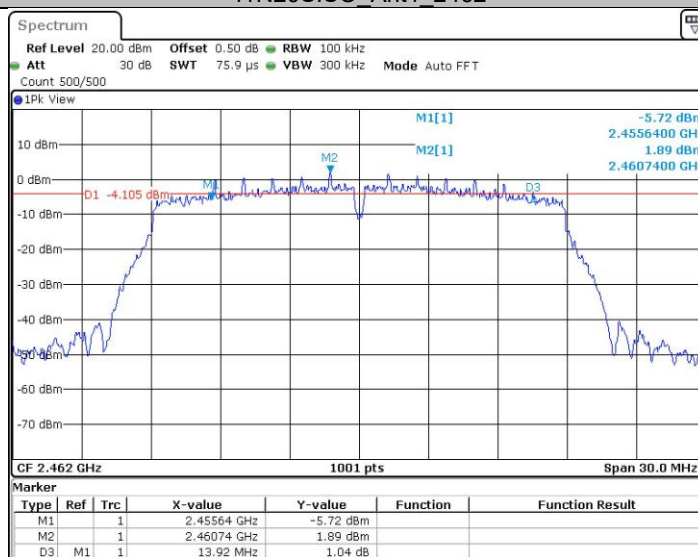
11N20SISO_Ant1_2437



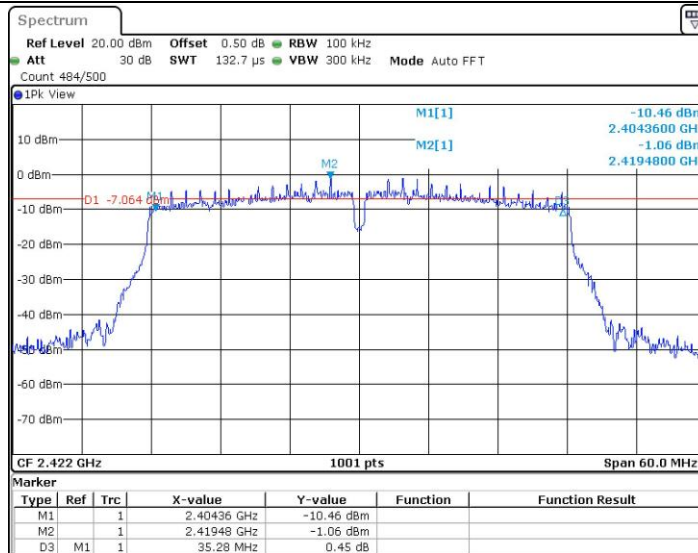
11N20SISO_Ant2_2437



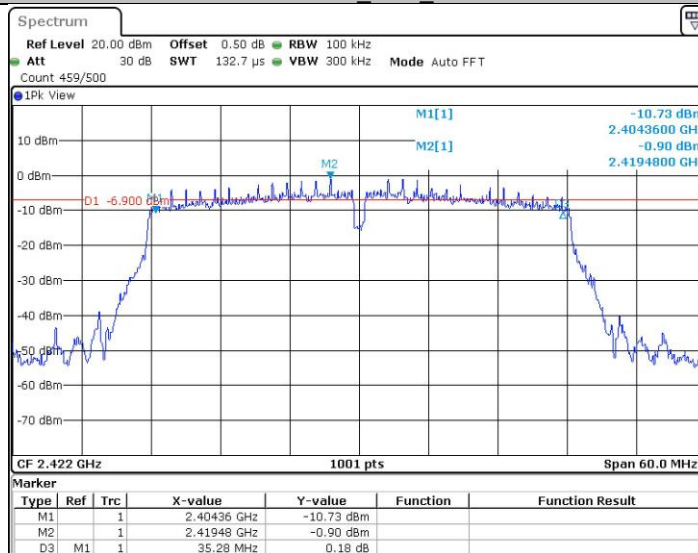
11N20SISO_Ant1_2462



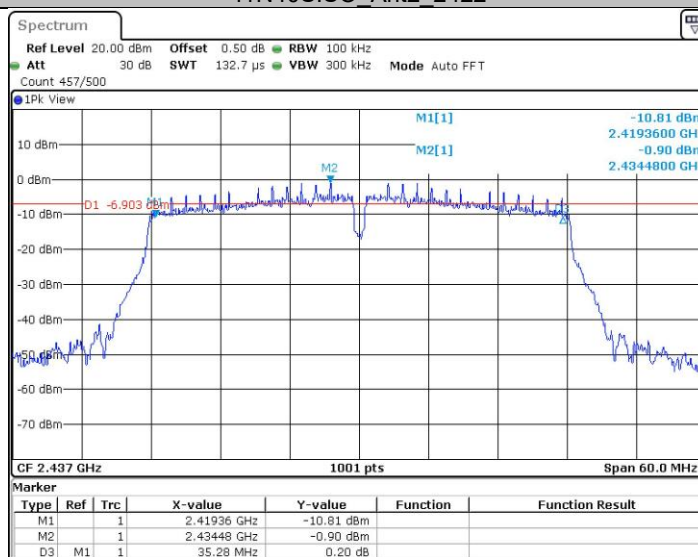
11N20SISO_Ant2_2462



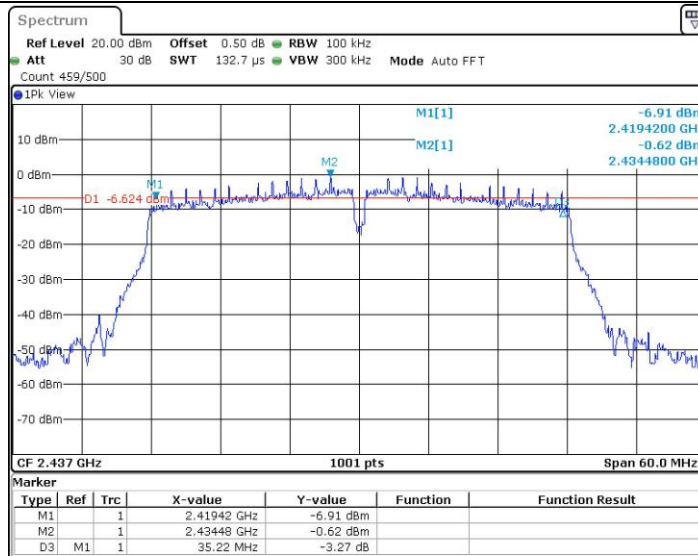
11N40SISO_Ant1_2422



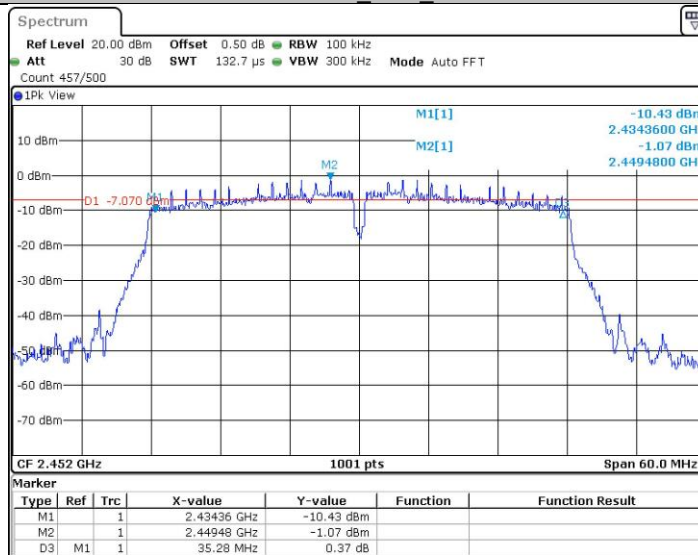
11N40SISO_Ant2_2422



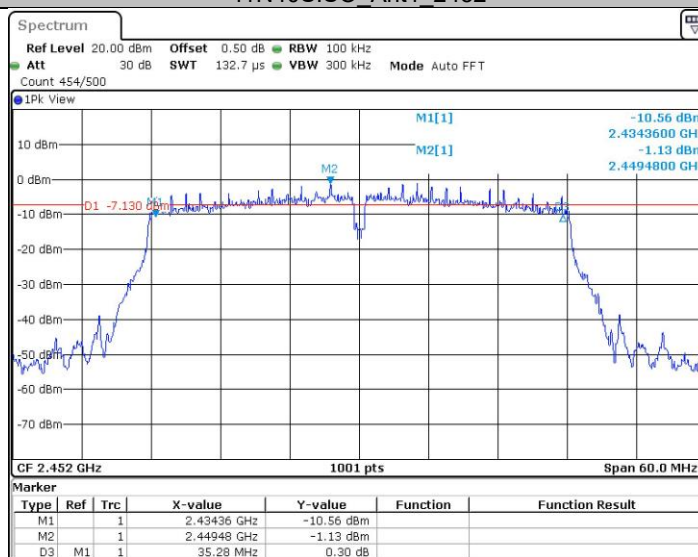
11N40SISO_Ant1_2437



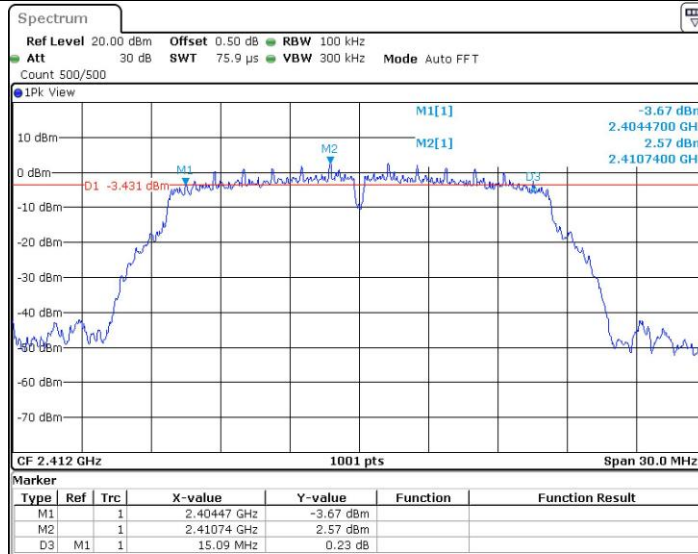
11N40SISO_Ant2_2437



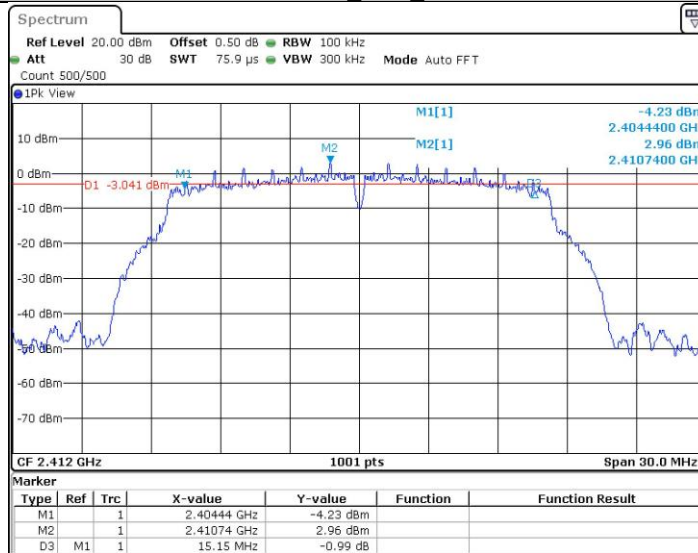
11N40SISO_Ant1_2452



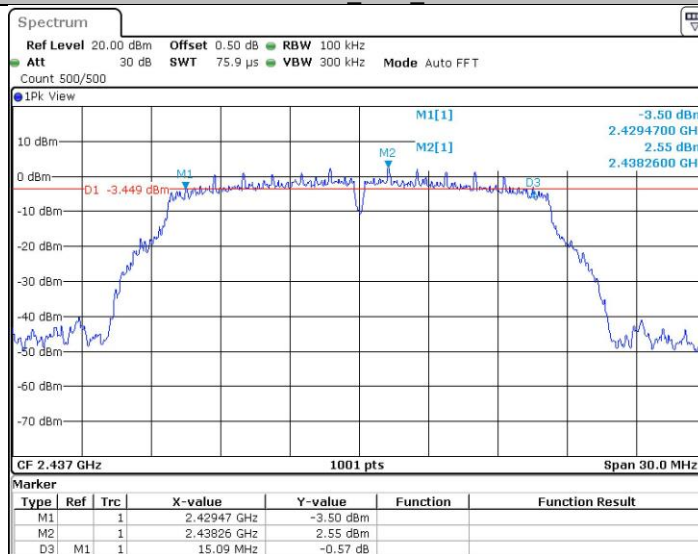
11N40SISO_Ant2_2452



11G SISO_Ant1_2412



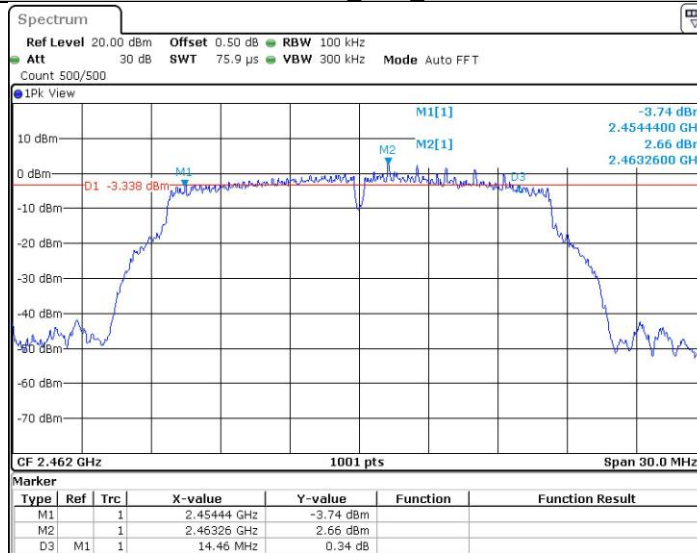
11G SISO_Ant2_2412



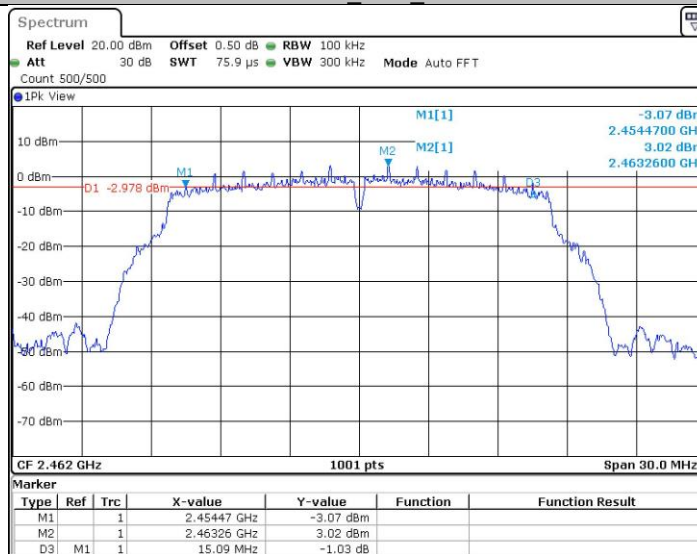
11G SISO_Ant1_2437



11G SISO_Ant2_2437



11G SISO_Ant1_2462

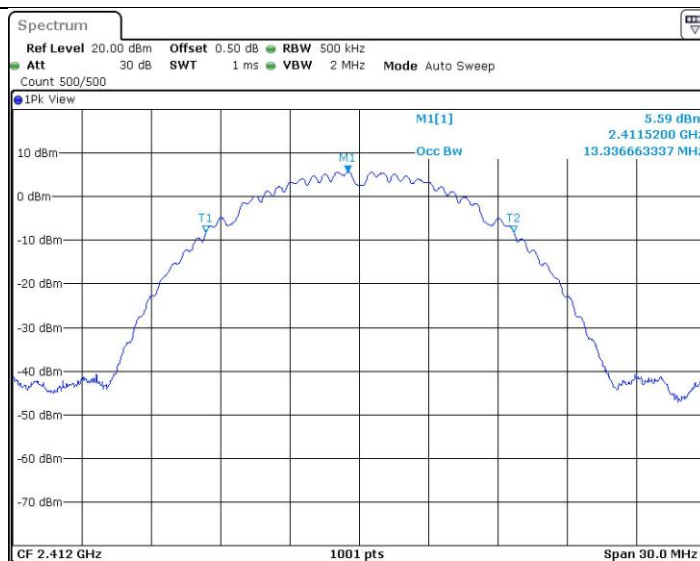


11G SISO_Ant2_2462

Appendix A2: 99%Occupied channel bandwidth Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B SISO	Ant1	2412	13.337	2405.347	2418.683	---	PASS
	Ant2	2412	13.307	2405.347	2418.653	---	PASS
	Ant1	2437	13.367	2430.317	2443.683	---	PASS
	Ant2	2437	13.337	2430.347	2443.683	---	PASS
	Ant1	2462	13.367	2455.317	2468.683	---	PASS
	Ant2	2462	13.337	2455.347	2468.683	---	PASS
11N20SISO	Ant1	2412	18.042	2403.009	2421.051	---	PASS
	Ant2	2412	18.042	2403.009	2421.051	---	PASS
	Ant1	2437	18.072	2427.979	2446.051	---	PASS
	Ant2	2437	18.042	2428.009	2446.051	---	PASS
	Ant1	2462	18.042	2453.009	2471.051	---	PASS
	Ant2	2462	18.042	2453.009	2471.051	---	PASS
11N40SISO	Ant1	2422	36.563	2403.778	2440.342	---	PASS
	Ant2	2422	36.503	2403.778	2440.282	---	PASS
	Ant1	2437	36.444	2418.838	2455.282	---	PASS
	Ant2	2437	36.444	2418.838	2455.282	---	PASS
	Ant1	2452	36.503	2433.778	2470.282	---	PASS
	Ant2	2452	36.503	2433.778	2470.282	---	PASS
11G SISO	Ant1	2412	17.173	2403.429	2420.601	---	PASS
	Ant2	2412	17.173	2403.429	2420.601	---	PASS
	Ant1	2437	17.233	2428.399	2445.631	---	PASS
	Ant2	2437	17.173	2428.429	2445.601	---	PASS
	Ant1	2462	17.233	2453.399	2470.631	---	PASS
	Ant2	2462	17.203	2453.399	2470.601	---	PASS

Test Graphs



11B SISO_Ant1_2412



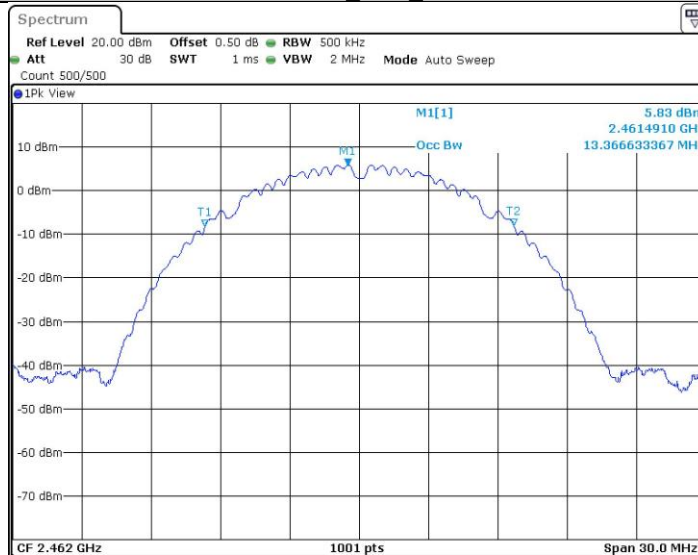
11B SISO_Ant2_2412



11B SISO_Ant1_2437



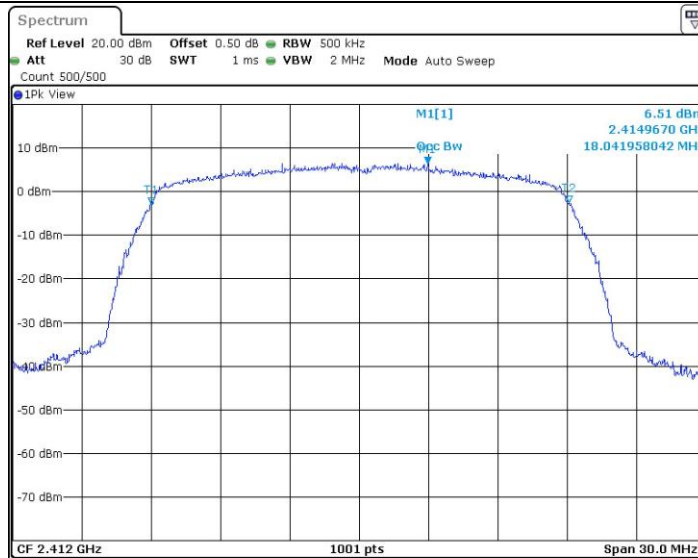
11B SISO_Ant2_2437



11B SISO_Ant1_2462



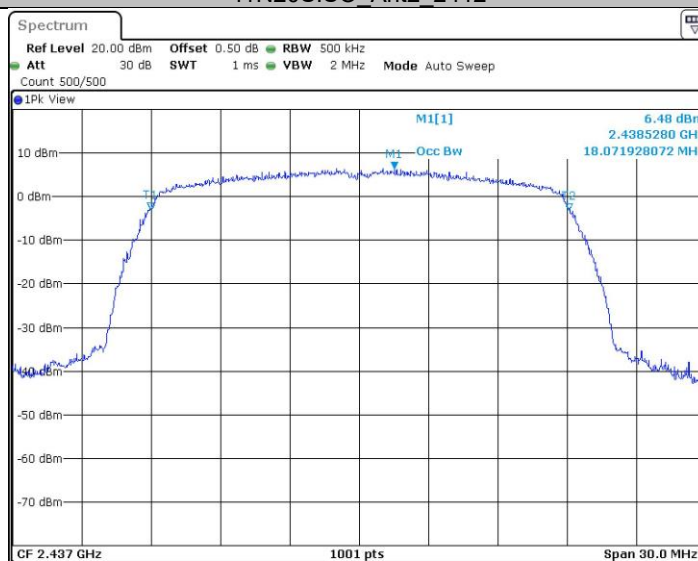
11B SISO_Ant2_2462



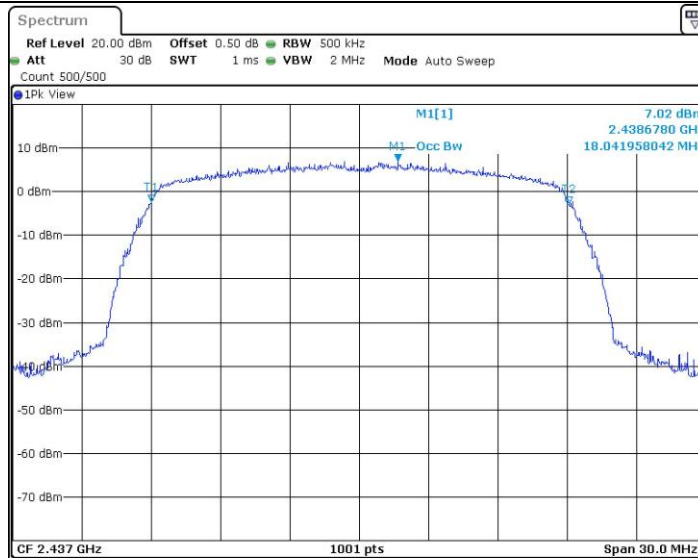
11N20SISO_Ant1_2412



11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



11N20SISO_Ant2_2437



11N20SISO_Ant1_2462



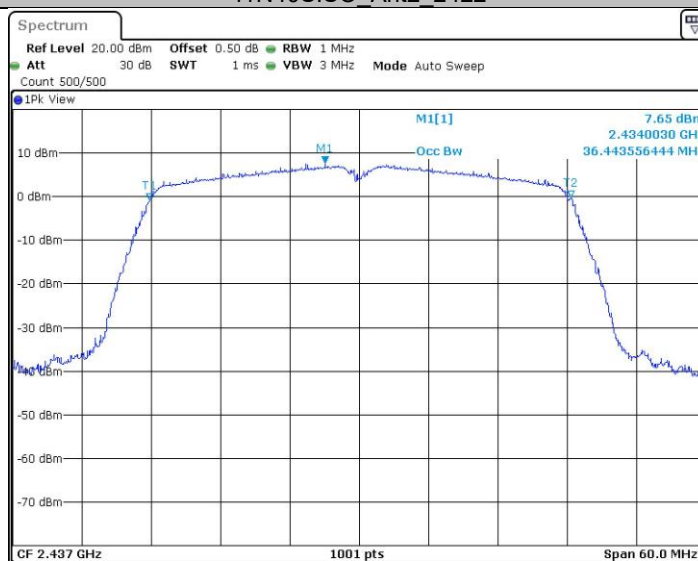
11N20SISO_Ant2_2462



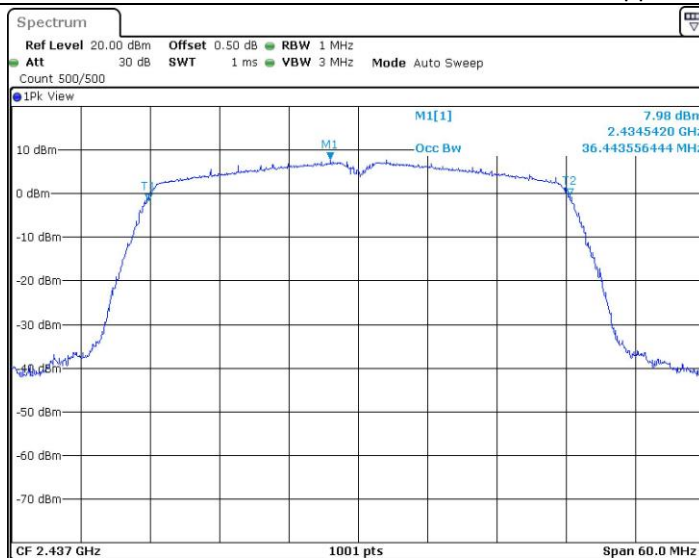
11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



11N40SISO_Ant1_2437



11N40SISO_Ant2_2437



11N40SISO_Ant1_2452



11N40SISO_Ant2_2452



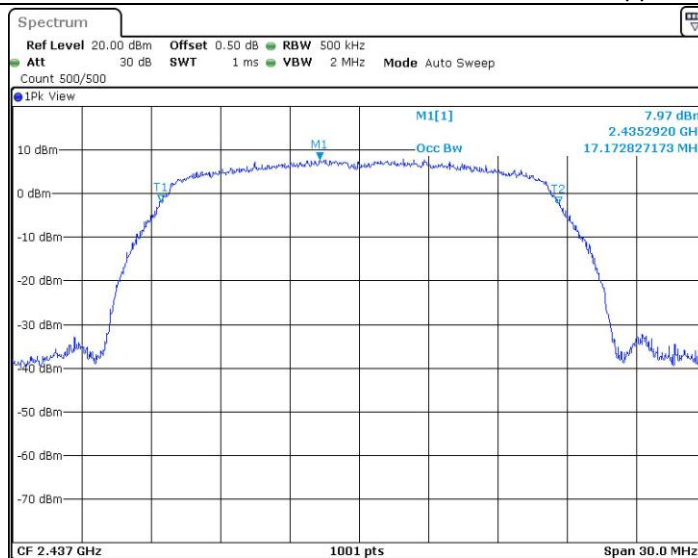
11G SISO_Ant1_2412



11G SISO_Ant2_2412



11G SISO_Ant1_2437



11G SISO_Ant2_2437



11G SISO_Ant1_2462



11G SISO_Ant2_2462

Appendix B: Conducted Peak Power

Test Result

SISO Mode

Model	Channel	Frequency (MHz)	Power (dBm) Ant 1	Limit (dBm)	Verdict
11b	1	2412	17.2	30	PASS
	6	2437	17.5	30	PASS
	11	2462	17.4	30	PASS
11g	1	2412	22.2	30	PASS
	6	2437	21.8	30	PASS
	11	2462	21.7	30	PASS
11n20	1	2412	22.1	30	PASS
	6	2437	21.6	30	PASS
	11	2462	21.8	30	PASS
11n40	3	2422	21.2	30	PASS
	6	2437	21.3	30	PASS
	9	2452	21.1	30	PASS

Model	Channel	Frequency (MHz)	Power (dBm) Ant 2	Limit (dBm)	Verdict
11b	1	2412	17.8	30	PASS
	6	2437	17.9	30	PASS
	11	2462	17.2	30	PASS
11g	1	2412	21.7	30	PASS
	6	2437	22.2	30	PASS
	11	2462	21.4	30	PASS
11n20	1	2412	21.4	30	PASS
	6	2437	21.1	30	PASS
	11	2462	21.1	30	PASS
11n40	3	2422	21.5	30	PASS
	6	2437	21.2	30	PASS
	9	2452	21.1	30	PASS

MIMO Mode

Mode	Channel	Frequency (MHz)	Power (dBm)		Total Power (dBm)	Power Limit (dBm)	Verdict
			Ant 1	Ant 2			
11n20	1	2412	21.1	21.4	24.3	30	PASS
	6	2437	21.3	21.6	24.5	30	PASS
	11	2462	21.5	21.7	24.6	30	PASS
11n40	3	2422	21.4	21.1	24.3	30	PASS
	6	2437	21.2	21.5	24.4	30	PASS
	9	2452	21.6	21.4	24.5	30	PASS

Appendix B: MAX EIRP

Test Result

SISO Mode

Test Mode	Chanel	Frequency (MHz)	Power (dBm) (Ant1)	Gain (dBi)	E.I.R.P. (dBm)	Limit	Verdict
11b	1	2412	17.2	2.19	19.39	36	PASS
	6	2437	17.5	2.19	19.69	36	PASS
	11	2462	17.4	2.19	19.59	36	PASS
11g	1	2412	22.2	2.19	24.39	36	PASS
	6	2437	21.8	2.19	23.99	36	PASS
	11	2462	21.7	2.19	23.89	36	PASS
11n20	1	2412	22.1	2.19	24.29	36	PASS
	6	2437	21.6	2.19	23.79	36	PASS
	11	2462	21.8	2.19	23.99	36	PASS
11n40	3	2422	21.2	2.19	23.39	36	PASS
	6	2437	21.3	2.19	23.49	36	PASS
	9	2452	21.1	2.19	23.29	36	PASS

Test Mode	Chanel	Frequency (MHz)	Power (dBm) (Ant2)	Gain (dBi)	E.I.R.P. (dBm)	Limit	Verdict
11b	1	2412	17.8	2.19	19.99	36	PASS
	6	2437	17.9	2.19	20.09	36	PASS
	11	2462	17.2	2.19	19.39	36	PASS
11g	1	2412	21.7	2.19	23.89	36	PASS
	6	2437	22.2	2.19	24.39	36	PASS
	11	2462	21.4	2.19	23.59	36	PASS
11n20	1	2412	21.4	2.19	23.59	36	PASS
	6	2437	21.1	2.19	23.29	36	PASS
	11	2462	21.1	2.19	23.29	36	PASS
11n40	3	2422	21.5	2.19	23.69	36	PASS
	6	2437	21.2	2.19	23.39	36	PASS
	9	2452	21.1	2.19	23.29	36	PASS

MIMO Mode

Test Mode	Antenna	Frequency (MHz)	Power (dBm)	Gain (dBi)	E.I.R.P. (dBm)	Limit	Verdict
11n20	Ant1	2412	21.1	--	--	--	--
	Ant2	2412	21.4	--	--	--	--
	total	2412	24.3	5.19	29.49	36	PASS
	Ant1	2437	21.3	--	--	--	--
	Ant2	2437	21.6	--	--	--	--
	total	2437	24.5	5.19	29.69	36	PASS
	Ant1	2462	21.5	--	--	--	--
	Ant2	2462	21.7	--	--	--	--
	total	2462	24.6	5.19	29.79	36	PASS
11n40	Ant1	2422	21.4	--	--	--	--
	Ant2	2422	21.1	--	--	--	--
	total	2422	24.2	5.19	29.39	36	PASS
	Ant1	2437	21.2	--	--	--	--
	Ant2	2437	21.2	--	--	--	--
	total	2437	24.4	5.19	29.59	36	PASS
	Ant1	2452	21.6	--	--	--	--
	Ant2	2452	21.4	--	--	--	--
	total	2452	24.5	5.19	29.69	36	PASS

Appendix C: Maximum power spectral density

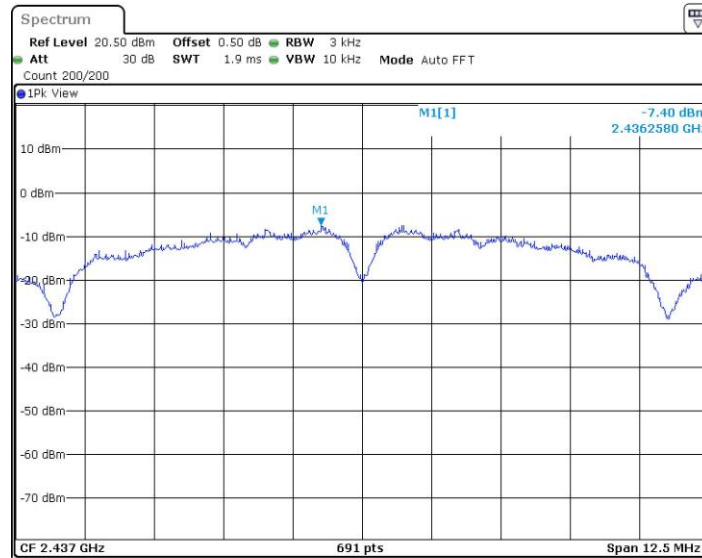
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11B SISO	Ant1	2412	-8.07	<=8	PASS
	Ant2	2412	-7.86	<=8	PASS
	Ant1	2437	-7.4	<=8	PASS
	Ant2	2437	-7.2	<=8	PASS
	Ant1	2462	-7.7	<=8	PASS
	Ant2	2462	-7.45	<=8	PASS
11N20SISO	Ant1	2412	-11.93	<=8	PASS
	Ant2	2412	-11.73	<=8	PASS
	Ant1	2437	-11.84	<=8	PASS
	Ant2	2437	-10.86	<=8	PASS
	Ant1	2462	-10.83	<=8	PASS
	Ant2	2462	-10.58	<=8	PASS
11N40SISO	Ant1	2422	-15.1	<=8	PASS
	Ant2	2422	-14.53	<=8	PASS
	Ant1	2437	-12.98	<=8	PASS
	Ant2	2437	-12.95	<=8	PASS
	Ant1	2452	-13.75	<=8	PASS
	Ant2	2452	-14.02	<=8	PASS
11G SISO	Ant1	2412	-10.4	<=8	PASS
	Ant2	2412	-10.46	<=8	PASS
	Ant1	2437	-10.15	<=8	PASS
	Ant2	2437	-9.94	<=8	PASS
	Ant1	2462	-10.7	<=8	PASS
	Ant2	2462	-10.71	<=8	PASS
11N20MIMO	Ant1	2412	-11.77	<=8	PASS
	Ant2	2412	-11.07	<=8	PASS
	total	2412	-8.40	<=8	PASS
	Ant1	2437	-11.81	<=8	PASS
	Ant2	2437	-12.16	<=8	PASS
	total	2437	-8.97	<=8	PASS
	Ant1	2462	-11.42	<=8	PASS
	Ant2	2462	-11.91	<=8	PASS
	total	2462	-8.65	<=8	PASS
11N40MIMO	Ant1	2422	-15.62	<=8	PASS
	Ant2	2422	-13.4	<=8	PASS
	total	2422	-11.36	<=8	PASS
	Ant1	2437	-15.01	<=8	PASS

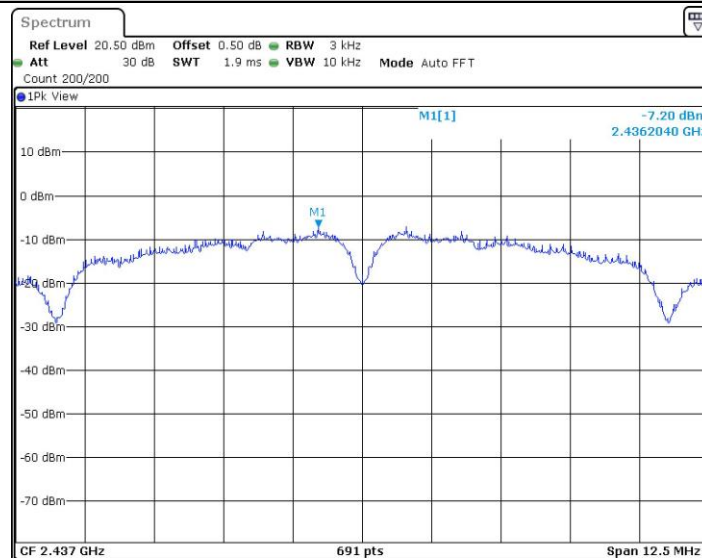
	Ant2	2437	-14.1	<=8	PASS
	total	2437	-11.52	<=8	PASS
	Ant1	2452	-14.85	<=8	PASS
	Ant2	2452	-14.32	<=8	PASS
	total	2452	-11.57	<=8	PASS

Test Graphs

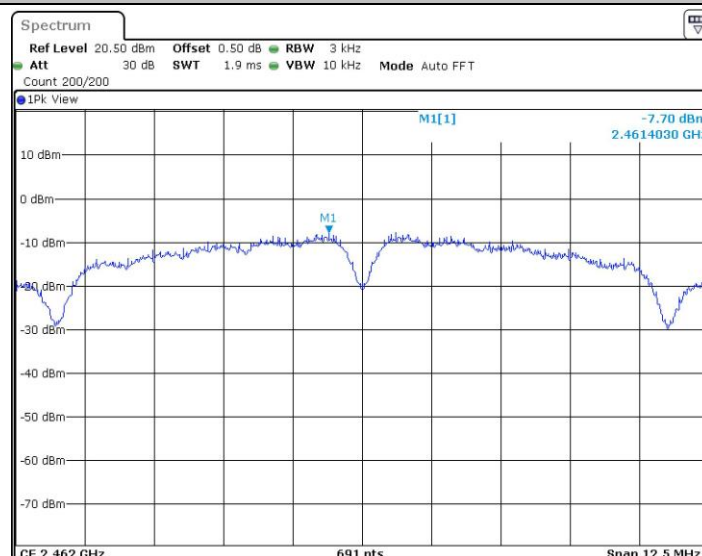




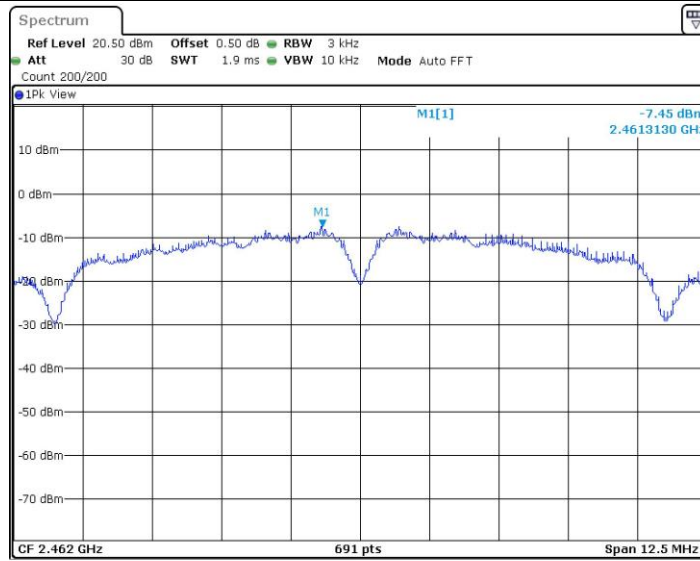
11B SISO_Ant1_2437



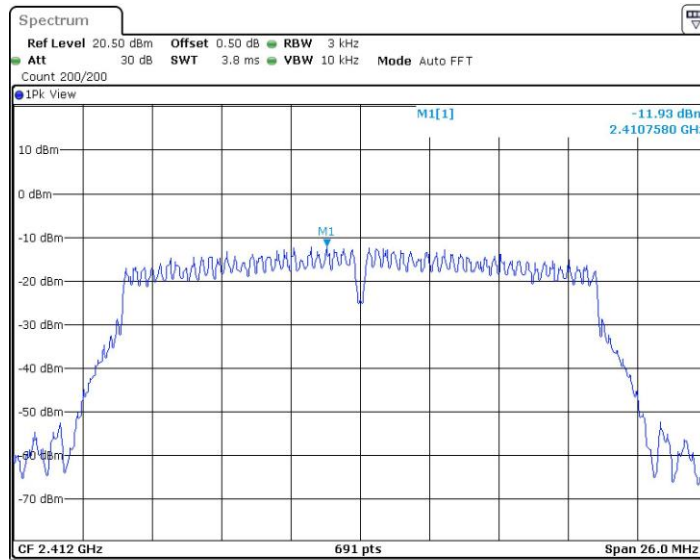
11B SISO_Ant2_2437



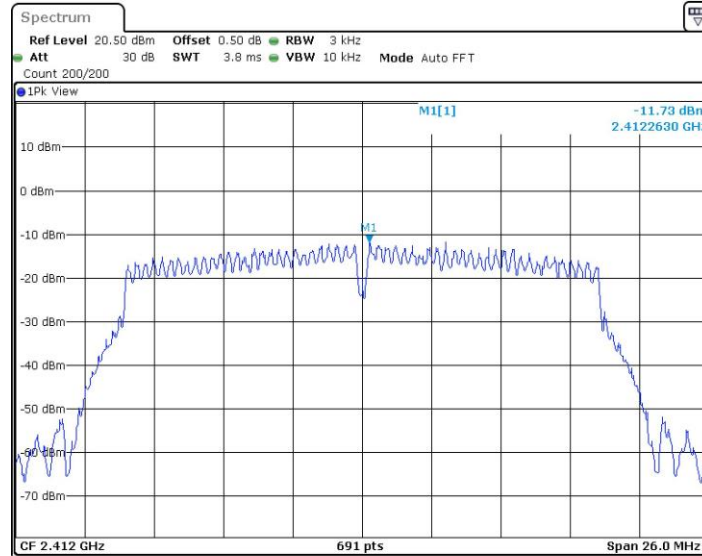
11B SISO_Ant1_2462



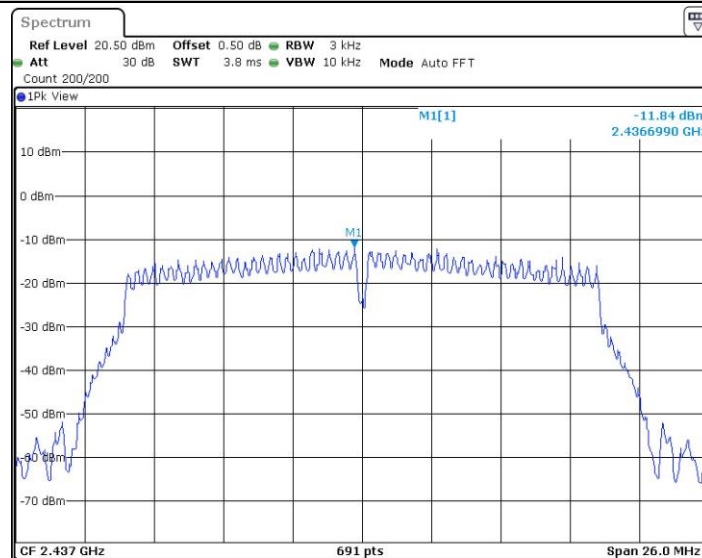
11B SISO_Ant2_2462



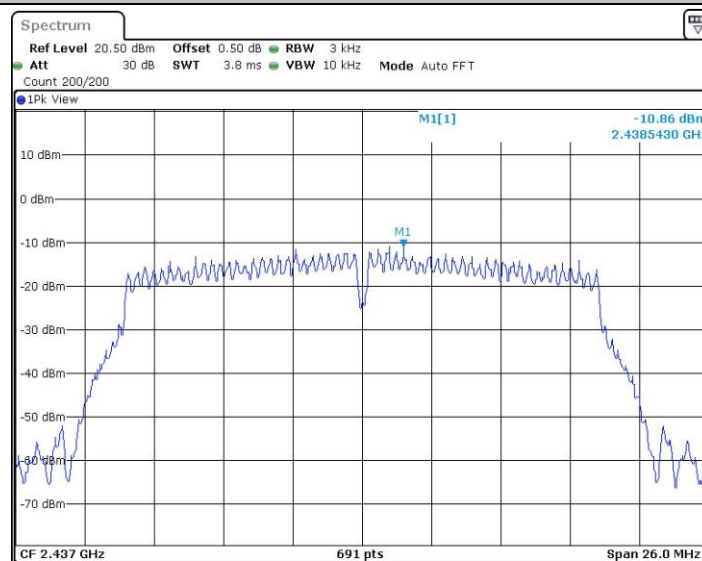
11N20SISO_Ant1_2412



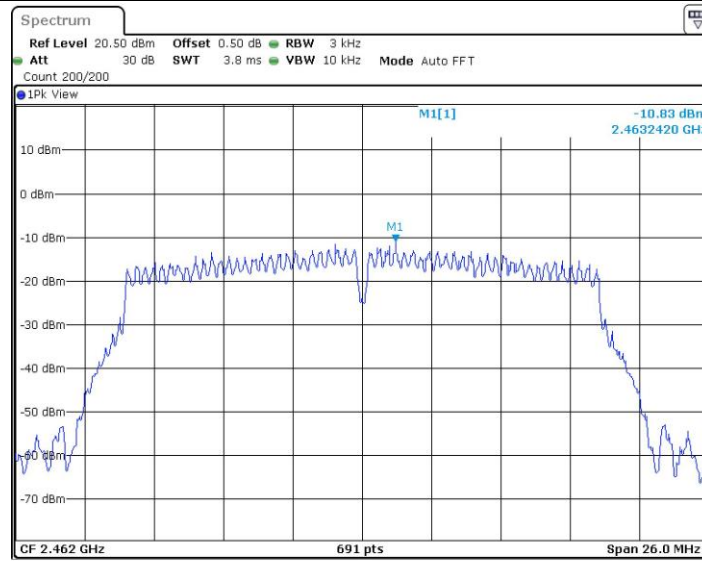
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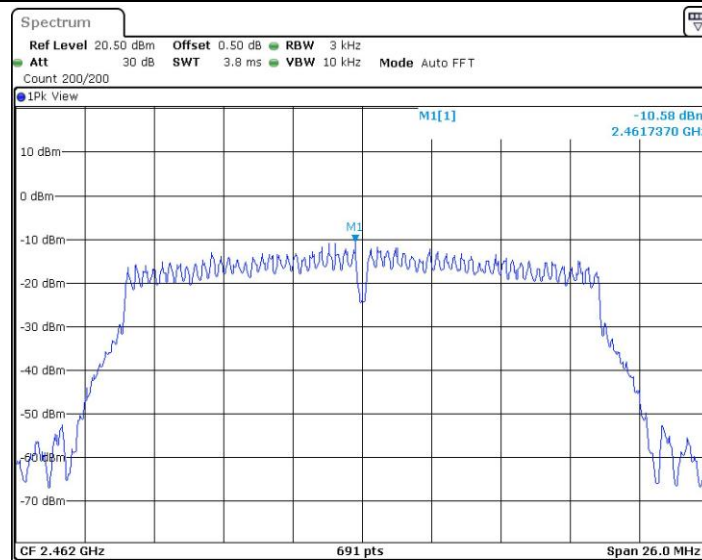
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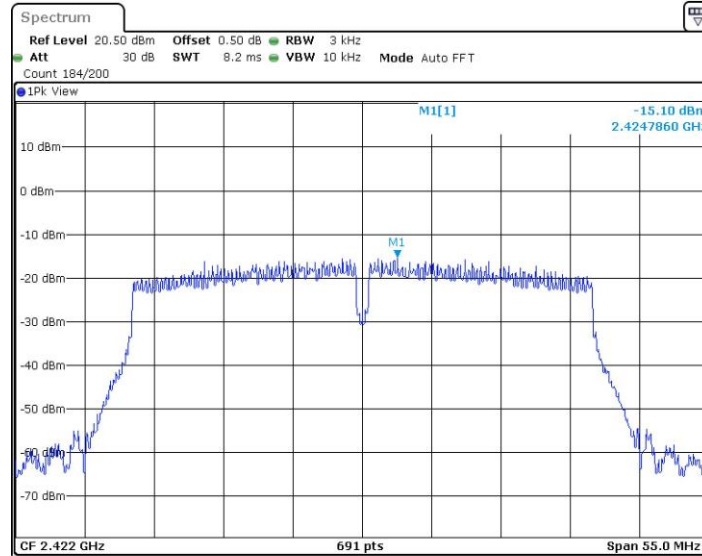
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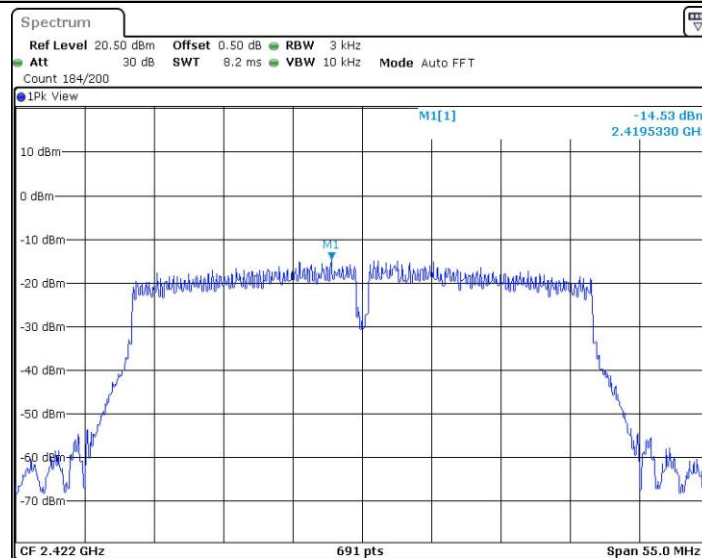
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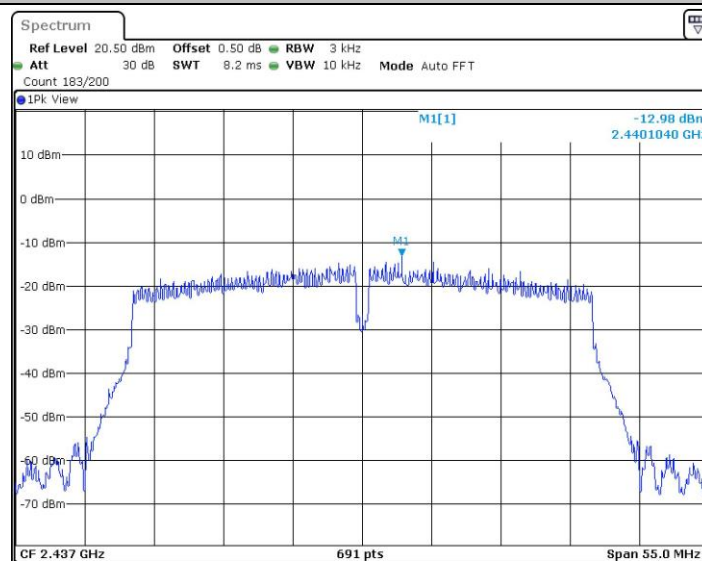
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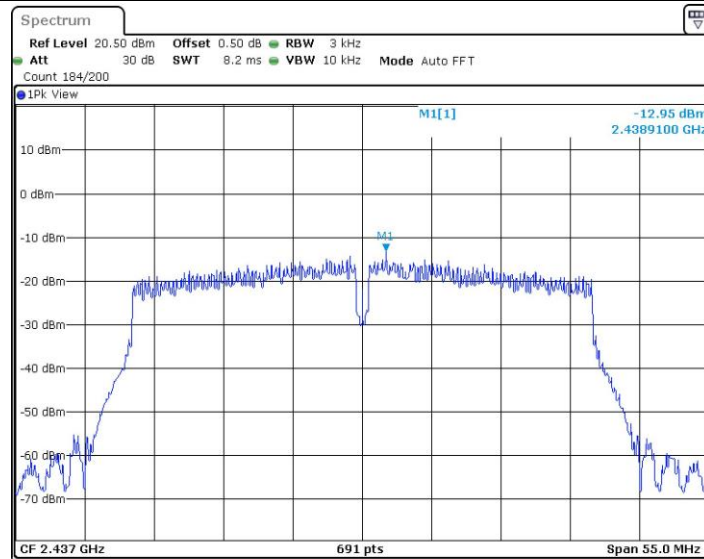
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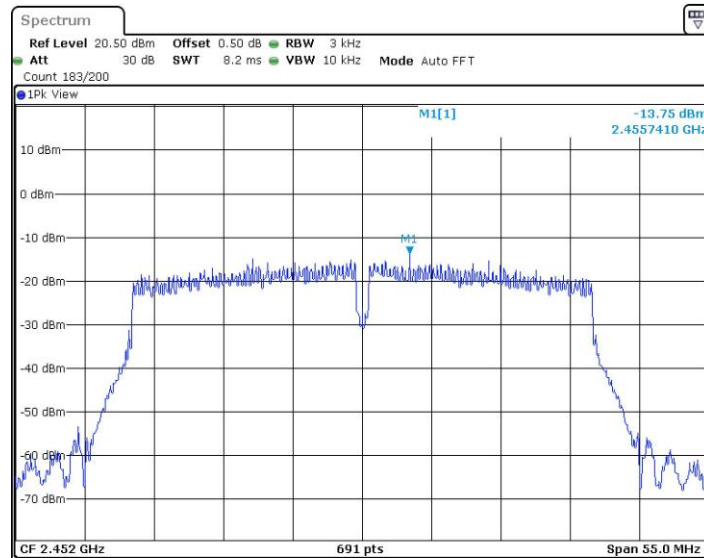
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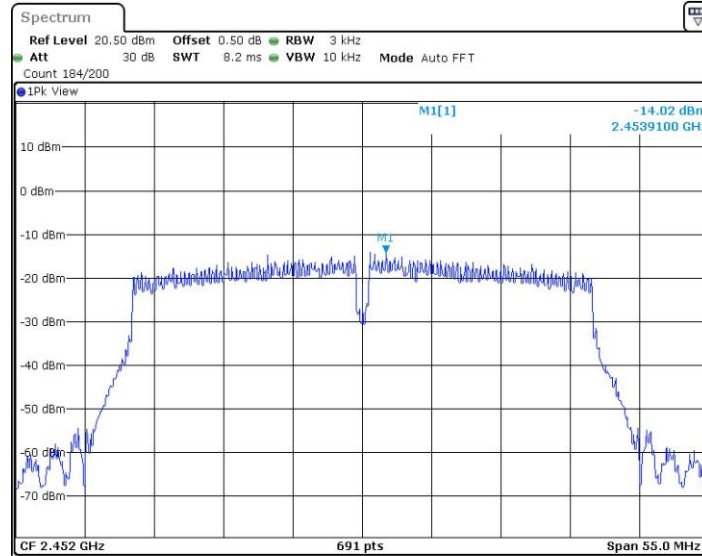
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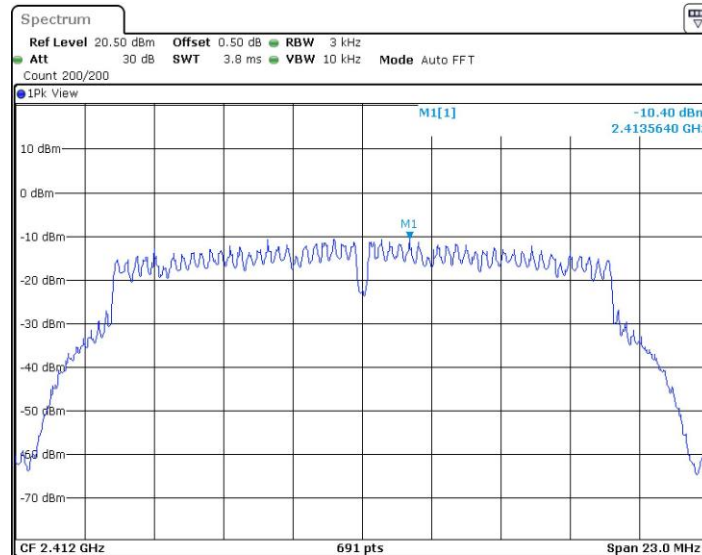
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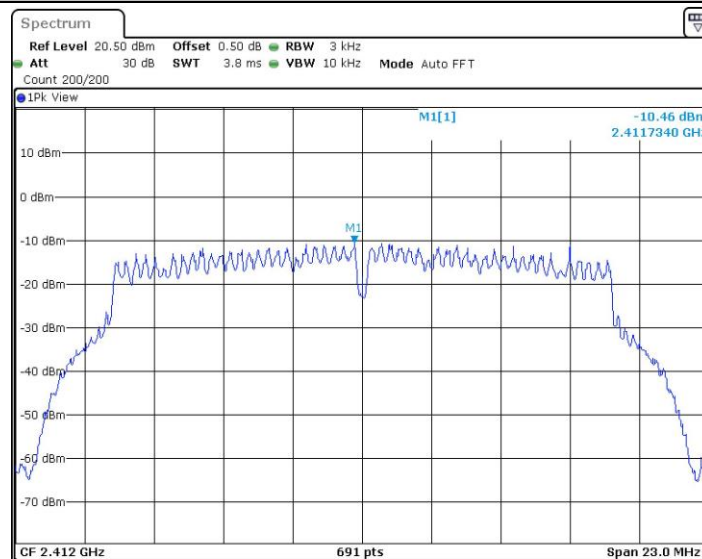
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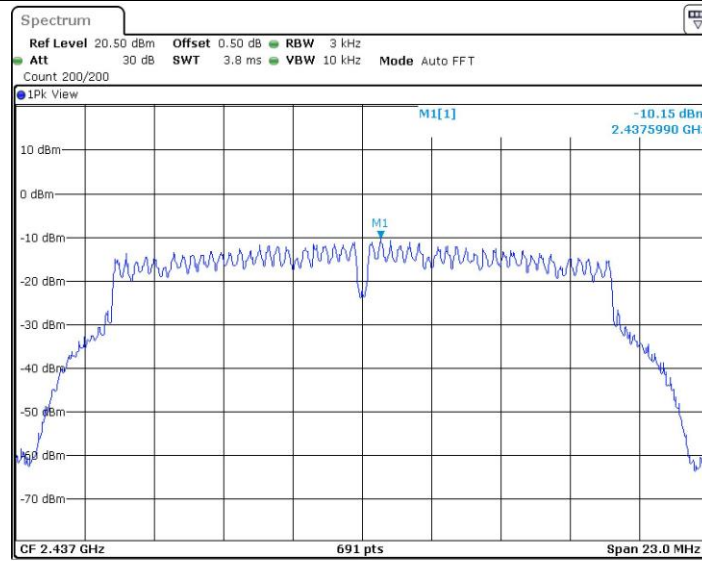
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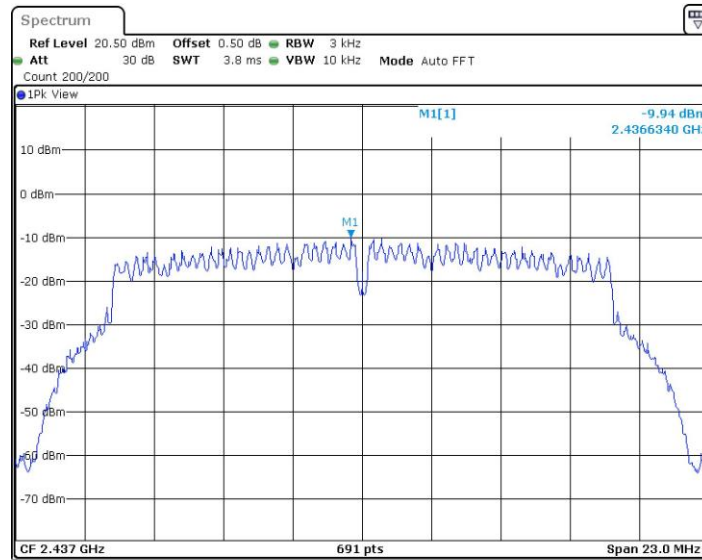
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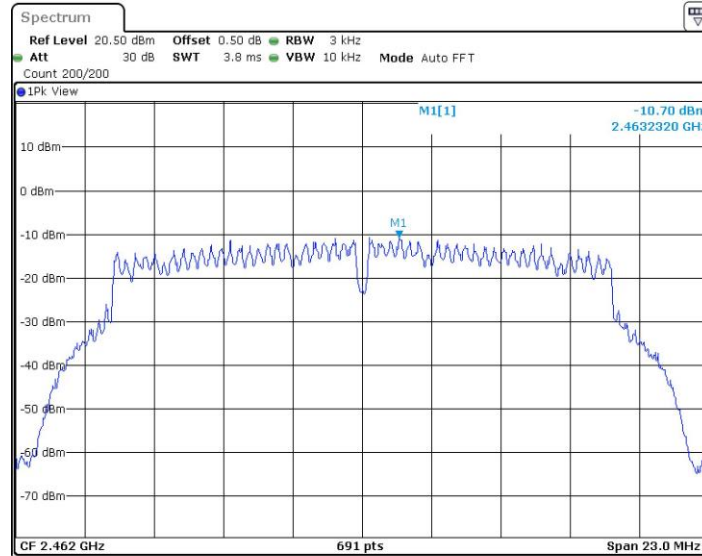
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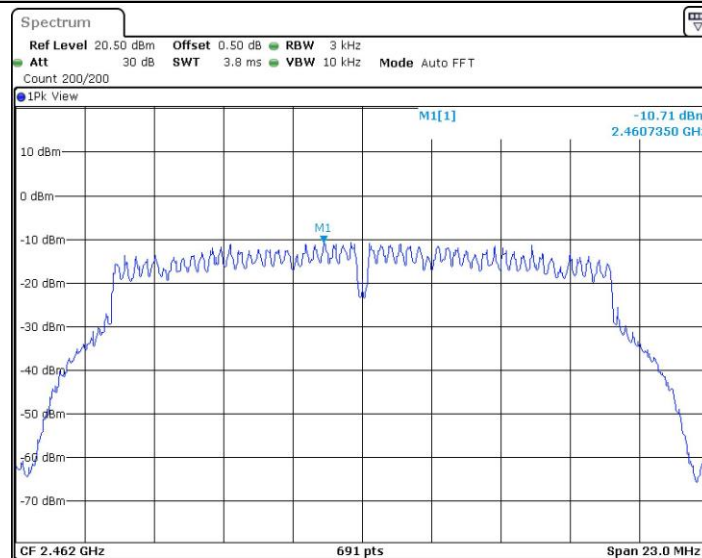
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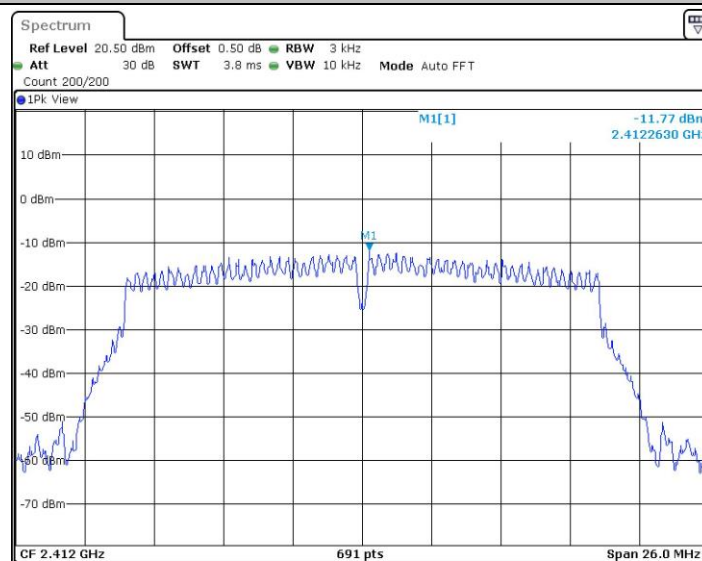
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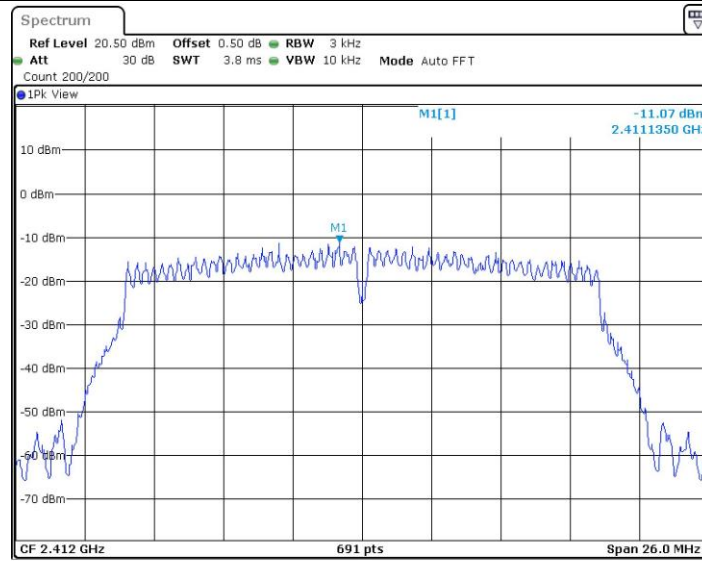
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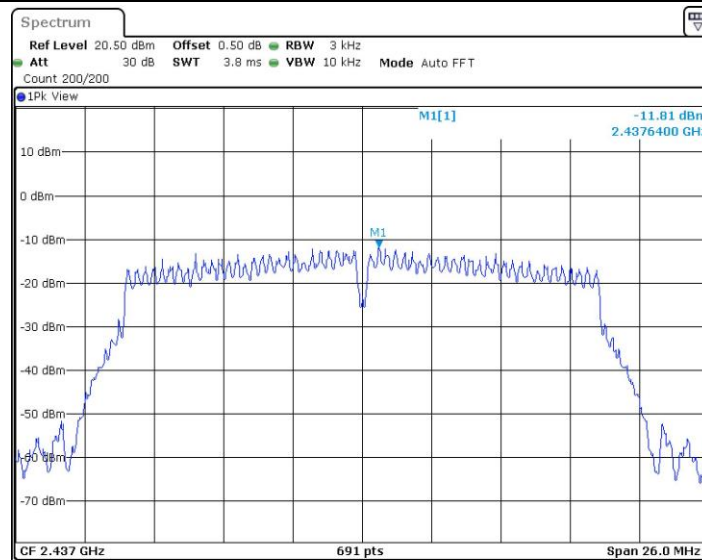
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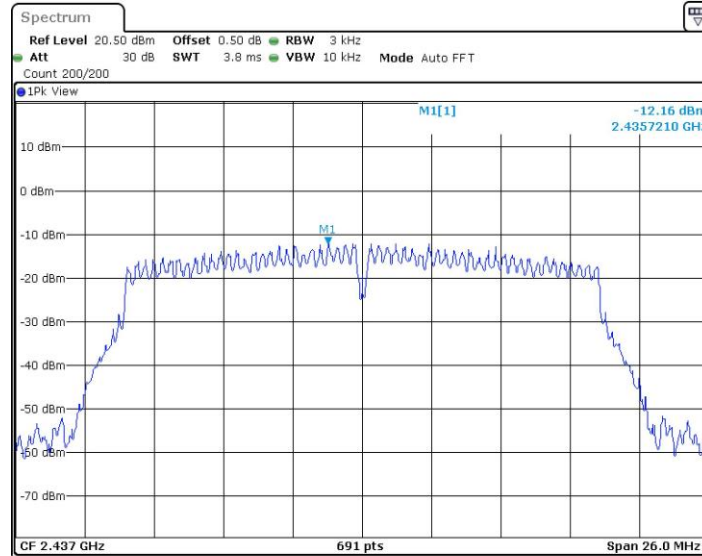
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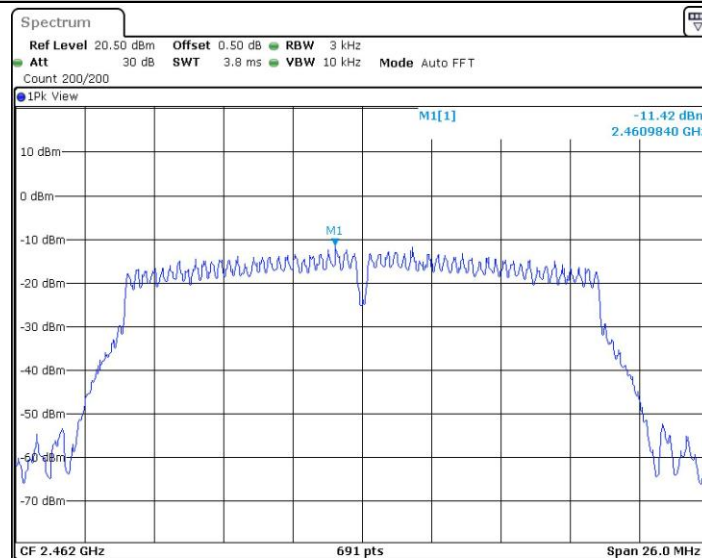
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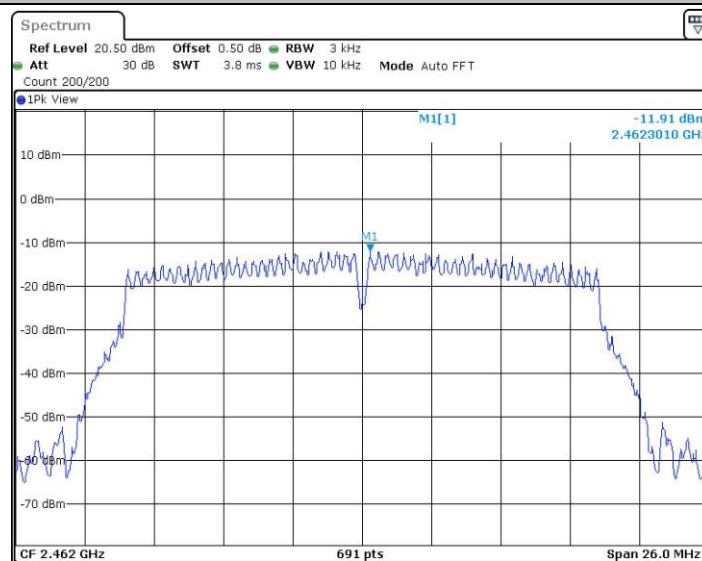
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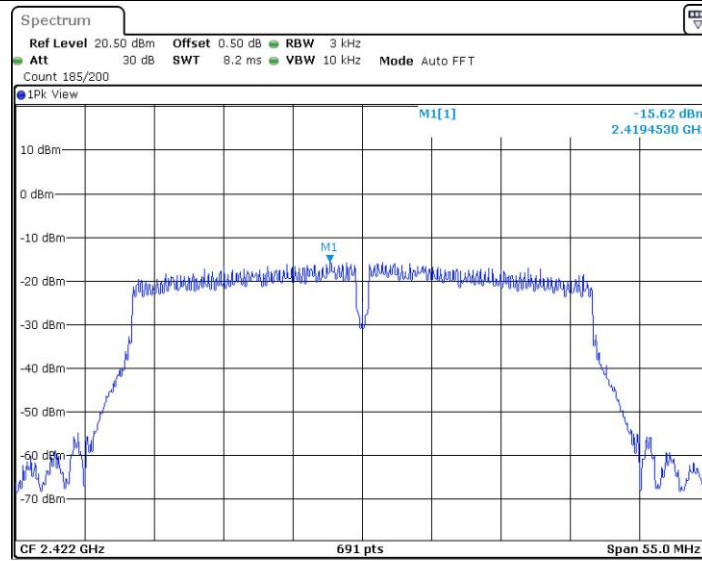
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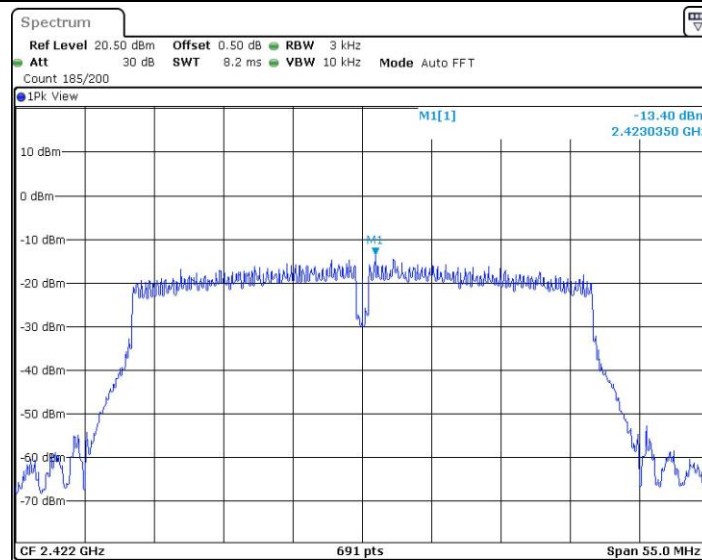
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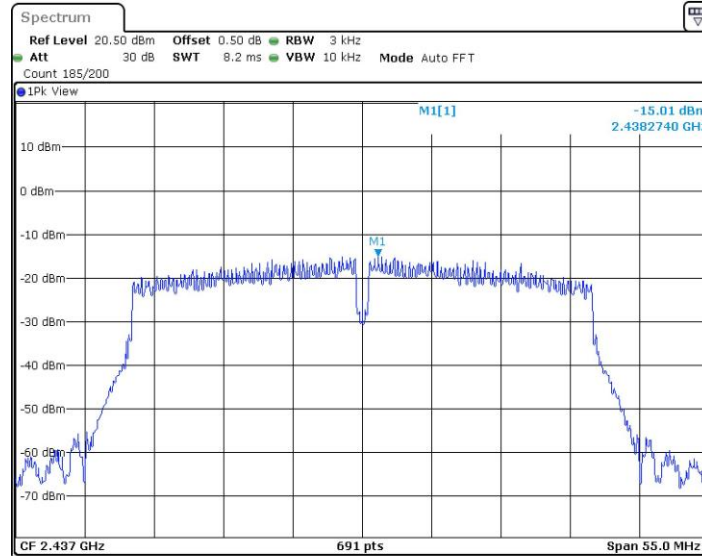
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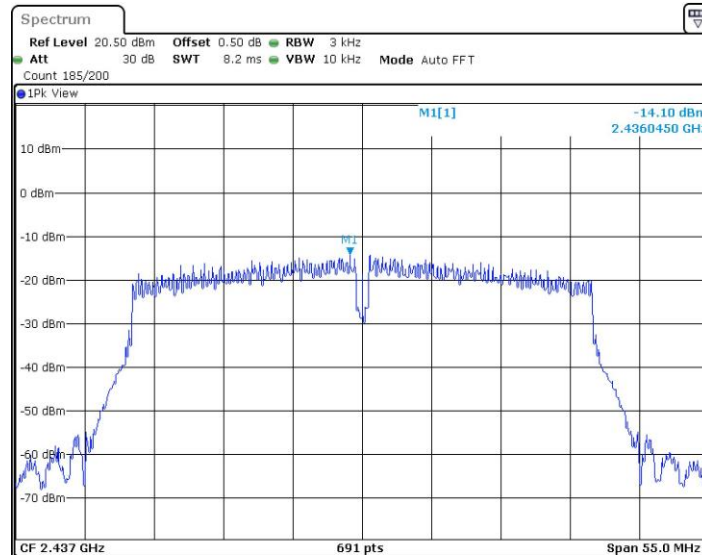
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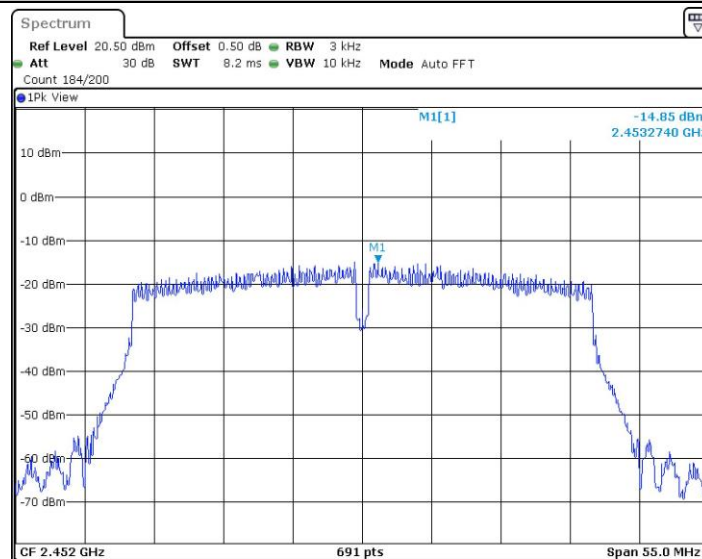
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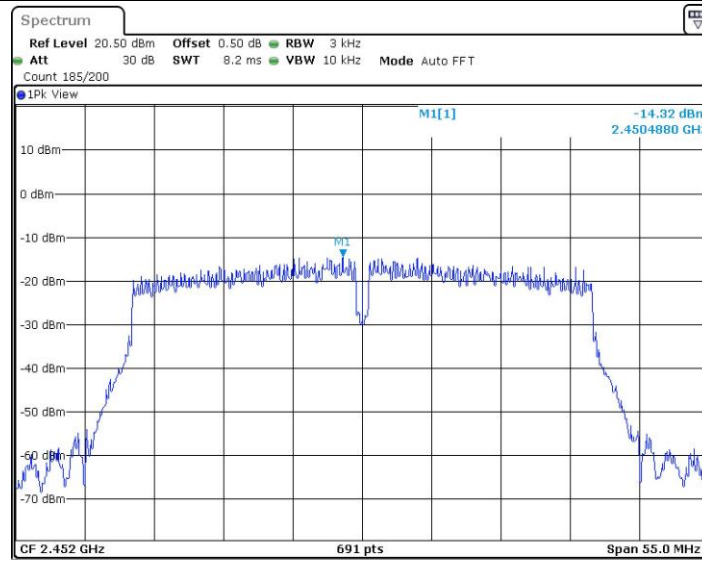
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11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452