

Appendix A1:6dB Emission Bandwidth

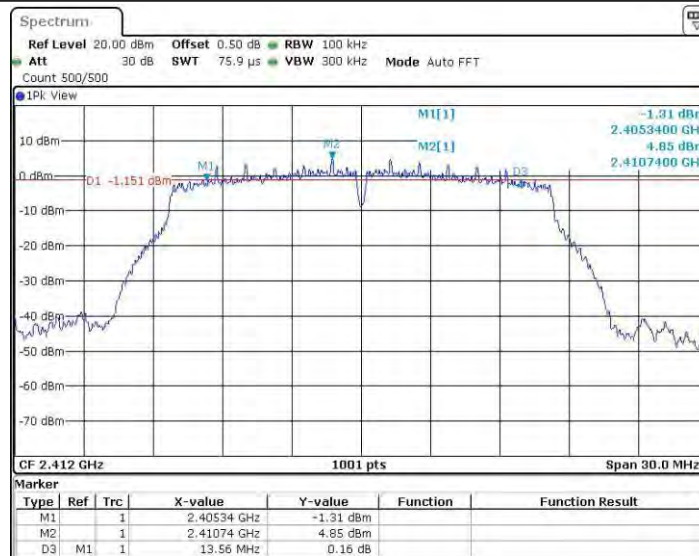
Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11GSISO	Ant1	2412	13.560	2405.340	2418.900	>=0.5	PASS
	Ant2	2412	14.460	2405.100	2419.560	>=0.5	PASS
	Ant3	2412	13.920	2404.440	2418.360	>=0.5	PASS
	Ant4	2412	14.220	2405.340	2419.560	>=0.5	PASS
	Ant1	2437	14.100	2430.460	2444.560	>=0.5	PASS
	Ant2	2437	13.590	2430.070	2443.660	>=0.5	PASS
	Ant3	2437	13.860	2429.500	2443.360	>=0.5	PASS
	Ant4	2437	13.860	2429.500	2443.360	>=0.5	PASS
	Ant1	2462	13.890	2454.470	2468.360	>=0.5	PASS
	Ant2	2462	13.920	2455.640	2469.560	>=0.5	PASS
	Ant3	2462	12.930	2455.430	2468.360	>=0.5	PASS
	Ant4	2462	13.260	2455.100	2468.360	>=0.5	PASS
11N20SISO	Ant1	2412	15.060	2404.500	2419.560	>=0.5	PASS
	Ant2	2412	14.730	2404.830	2419.560	>=0.5	PASS
	Ant3	2412	15.120	2404.440	2419.560	>=0.5	PASS
	Ant4	2412	14.760	2404.830	2419.590	>=0.5	PASS
	Ant1	2437	13.830	2430.340	2444.170	>=0.5	PASS
	Ant2	2437	13.890	2429.470	2443.360	>=0.5	PASS
	Ant3	2437	13.920	2430.640	2444.560	>=0.5	PASS
	Ant4	2437	13.920	2429.440	2443.360	>=0.5	PASS
	Ant1	2462	13.920	2454.440	2468.360	>=0.5	PASS
	Ant2	2462	14.250	2454.440	2468.690	>=0.5	PASS
	Ant3	2462	13.890	2454.470	2468.360	>=0.5	PASS
	Ant4	2462	12.930	2454.470	2467.400	>=0.5	PASS
11N40SISO	Ant1	2422	34.020	2405.620	2439.640	>=0.5	PASS
	Ant2	2422	35.220	2404.360	2439.580	>=0.5	PASS
	Ant3	2422	35.220	2404.420	2439.640	>=0.5	PASS
	Ant4	2422	35.220	2404.420	2439.640	>=0.5	PASS
	Ant1	2437	35.280	2419.360	2454.640	>=0.5	PASS
	Ant2	2437	30.240	2424.400	2454.640	>=0.5	PASS
	Ant3	2437	35.220	2419.420	2454.640	>=0.5	PASS
	Ant4	2437	34.020	2420.620	2454.640	>=0.5	PASS
	Ant1	2452	35.220	2434.420	2469.640	>=0.5	PASS
	Ant2	2452	32.640	2434.420	2467.060	>=0.5	PASS
	Ant3	2452	33.900	2434.420	2468.320	>=0.5	PASS
	Ant4	2452	33.900	2434.420	2468.320	>=0.5	PASS
11BSISO	Ant1	2412	9.120	2407.440	2416.560	>=0.5	PASS
	Ant2	2412	9.120	2407.440	2416.560	>=0.5	PASS
	Ant3	2412	9.120	2407.440	2416.560	>=0.5	PASS
	Ant4	2412	9.120	2407.440	2416.560	>=0.5	PASS
	Ant1	2437	9.120	2432.440	2441.560	>=0.5	PASS

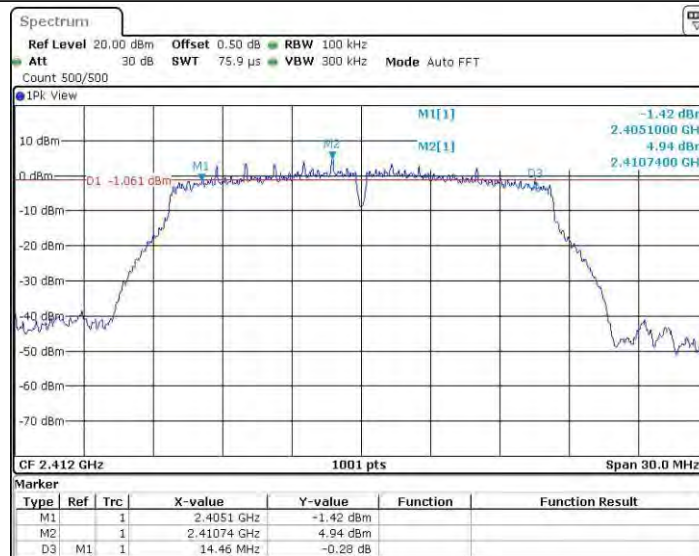
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	Ant2	2437	9.120	2432.440	2441.560	≥ 0.5	PASS
	Ant3	2437	8.640	2432.440	2441.080	≥ 0.5	PASS
	Ant4	2437	8.640	2432.440	2441.080	≥ 0.5	PASS
	Ant1	2462	9.120	2457.440	2466.560	≥ 0.5	PASS
	Ant2	2462	9.120	2457.440	2466.560	≥ 0.5	PASS
	Ant3	2462	9.120	2457.440	2466.560	≥ 0.5	PASS
	Ant4	2462	9.120	2457.440	2466.560	≥ 0.5	PASS

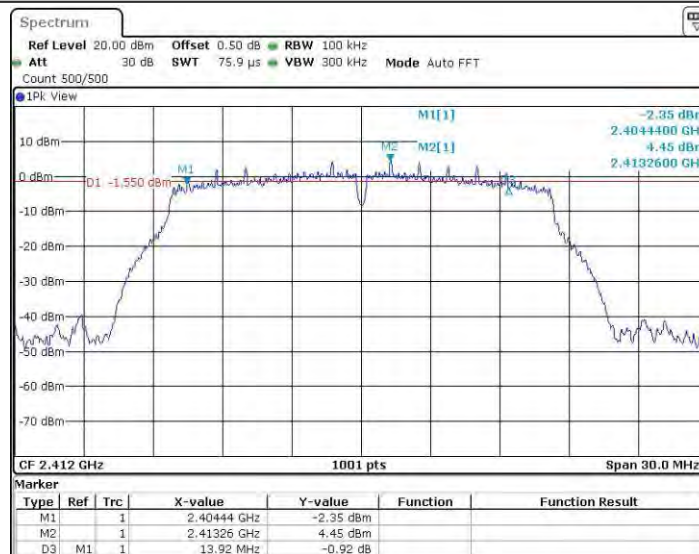
Test Graphs



11GSISO_Ant1_2412

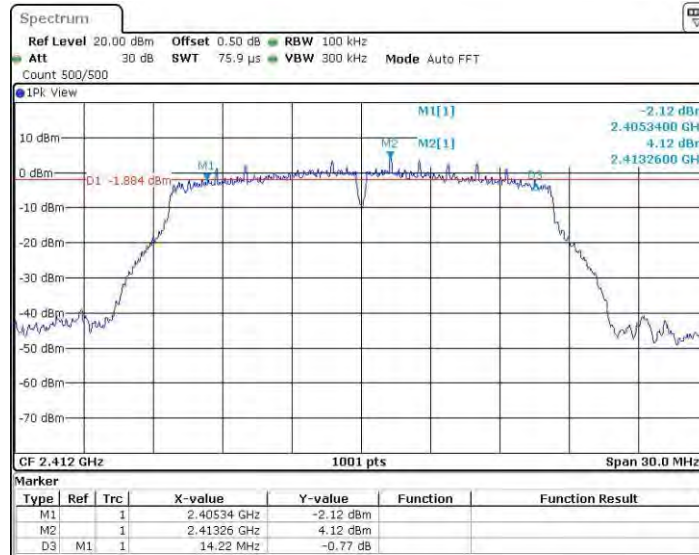


11GSISO_Ant2_2412

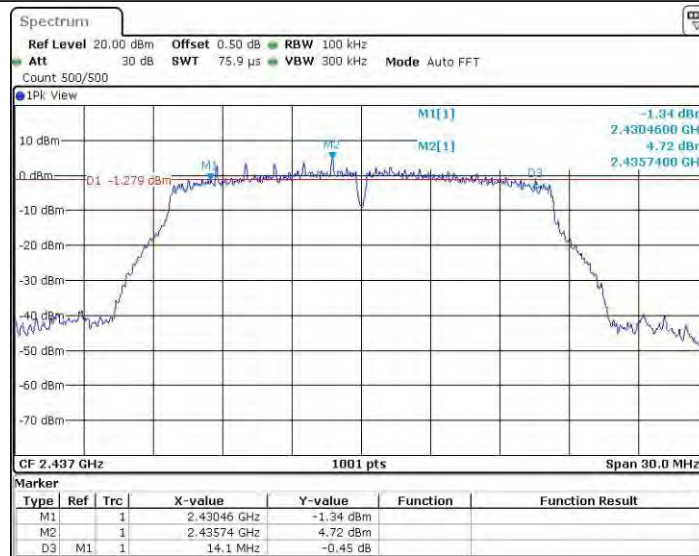


11GSISO_Ant3_2412

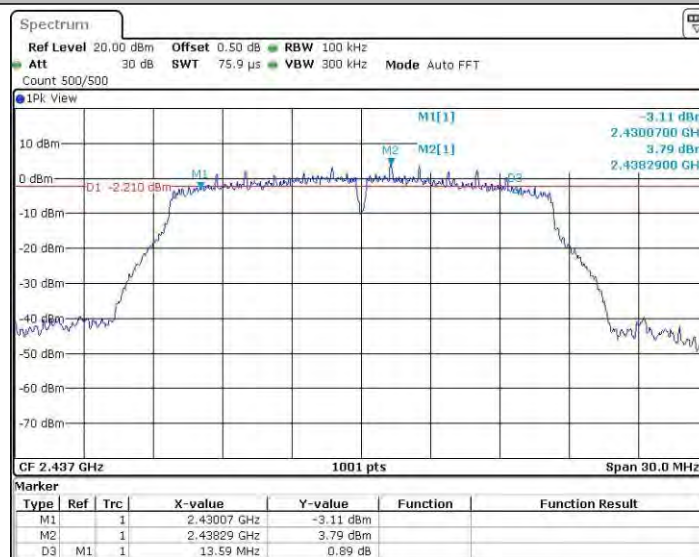
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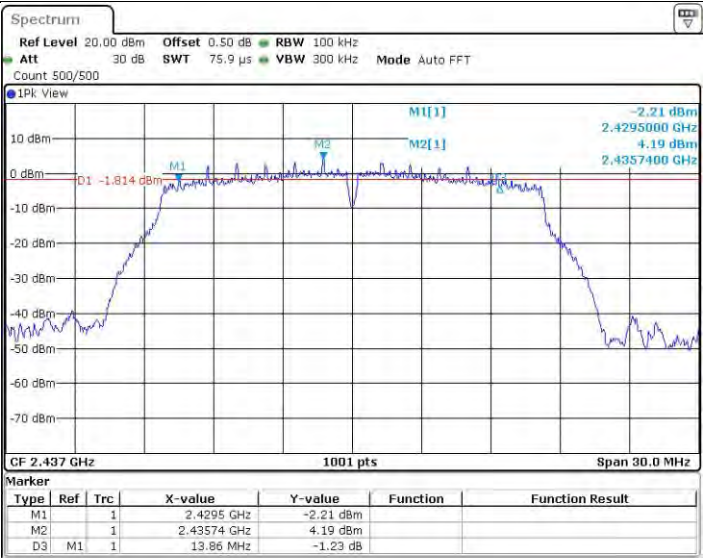
11GSISO_Ant4_2412



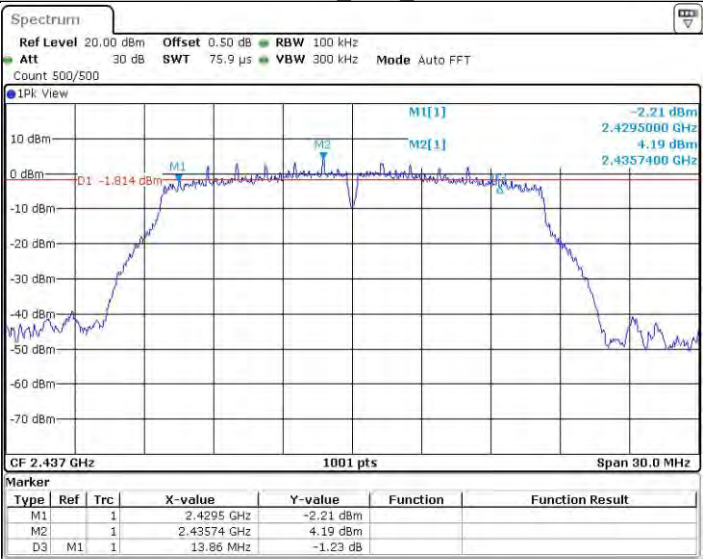
11GSISO_Ant1_2437



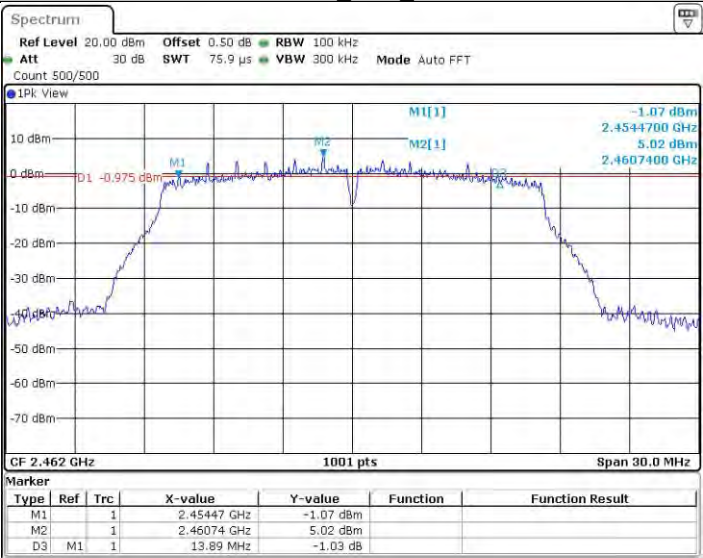
11GSISO_Ant2_2437



11GSISO Ant3 2437

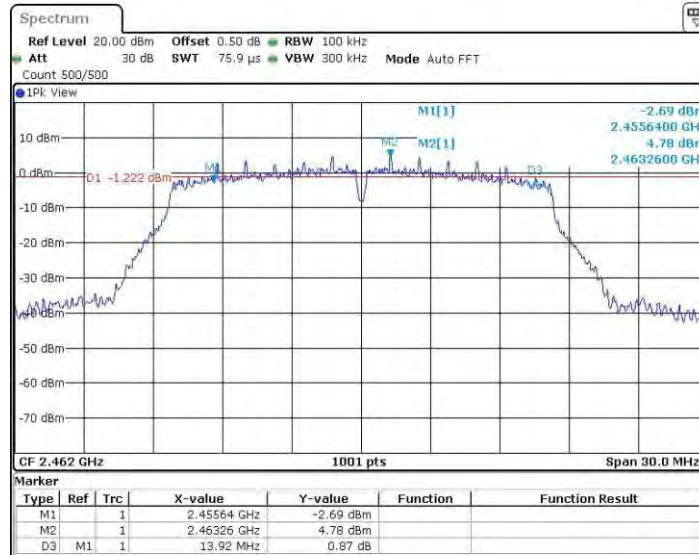


11GSISO Ant4 2437

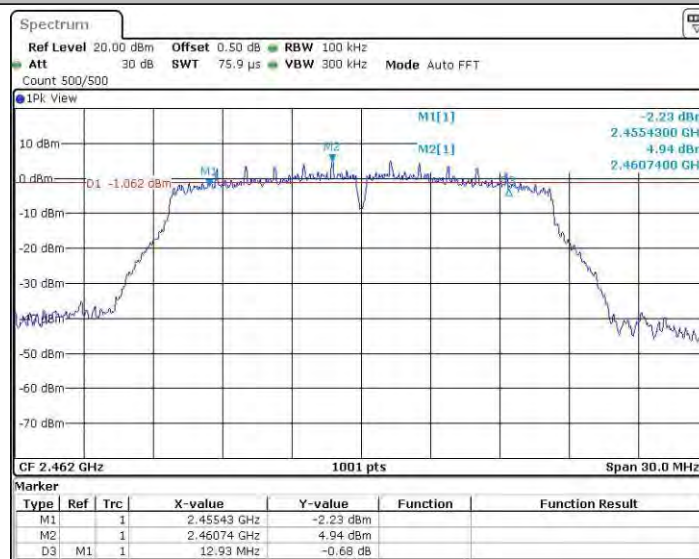


11GSISO Ant1 2462

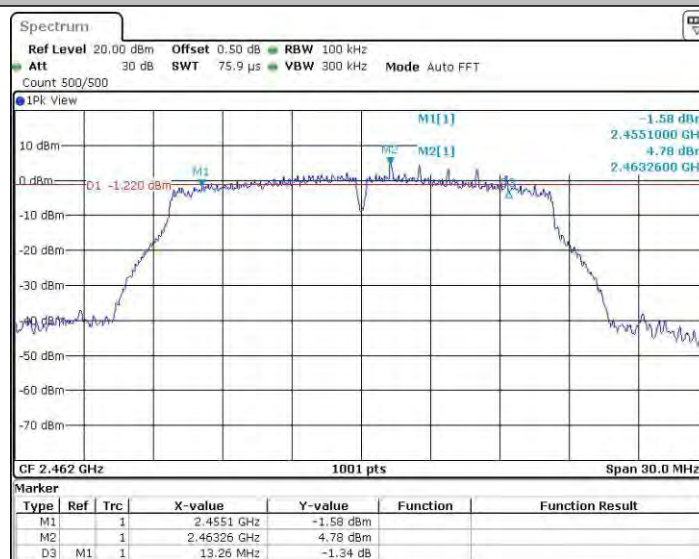
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11GSISO_Ant2_2462

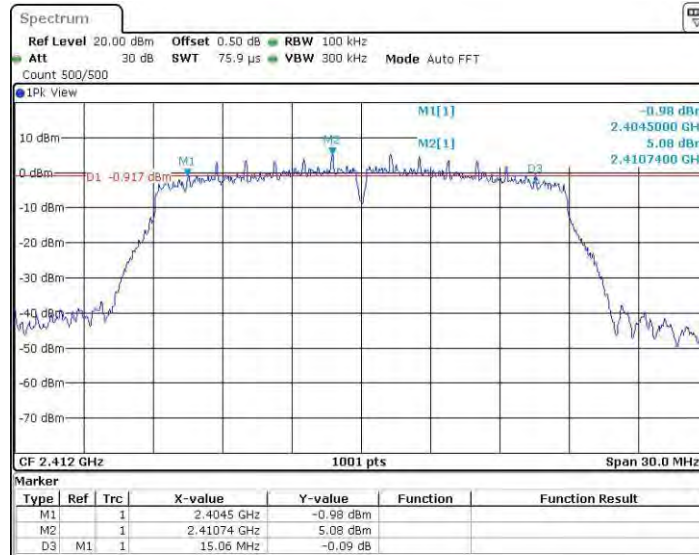


11GSISO_Ant3_2462

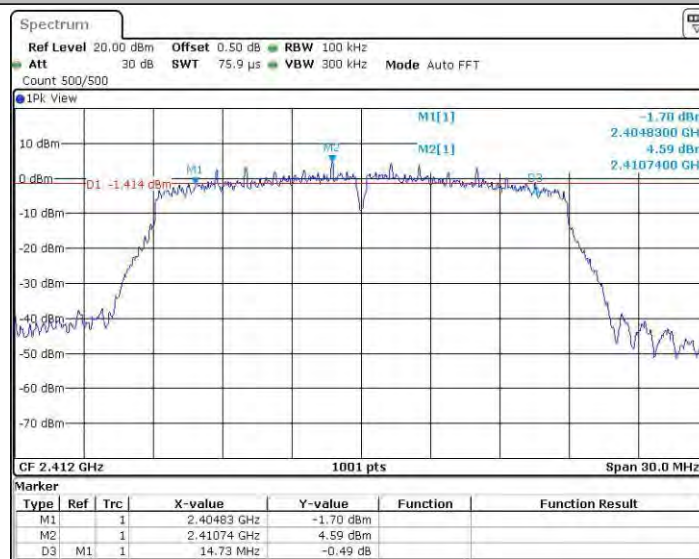


11GSISO_Ant4_2462

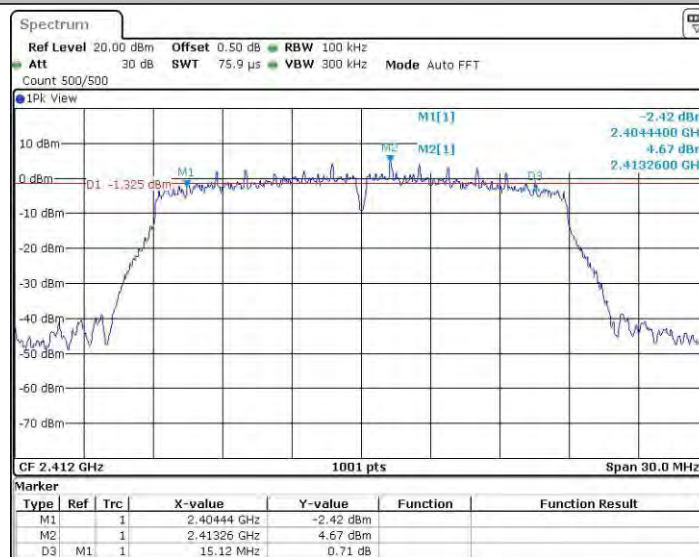
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11N20SISO_Ant1_2412

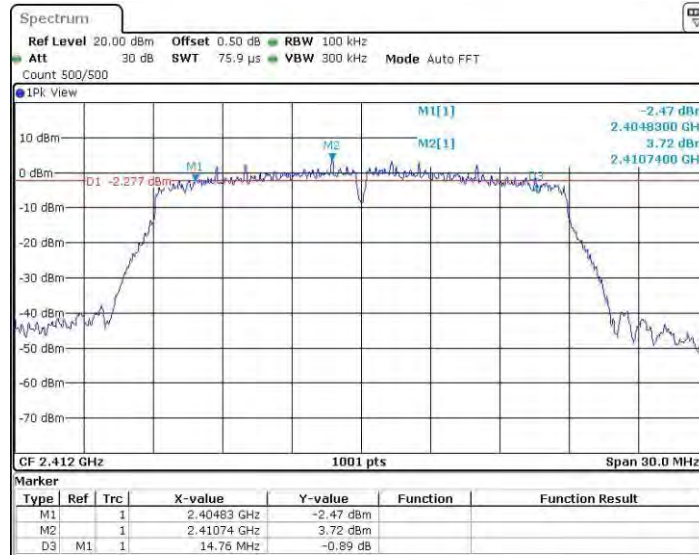


11N20SISO_Ant2_2412

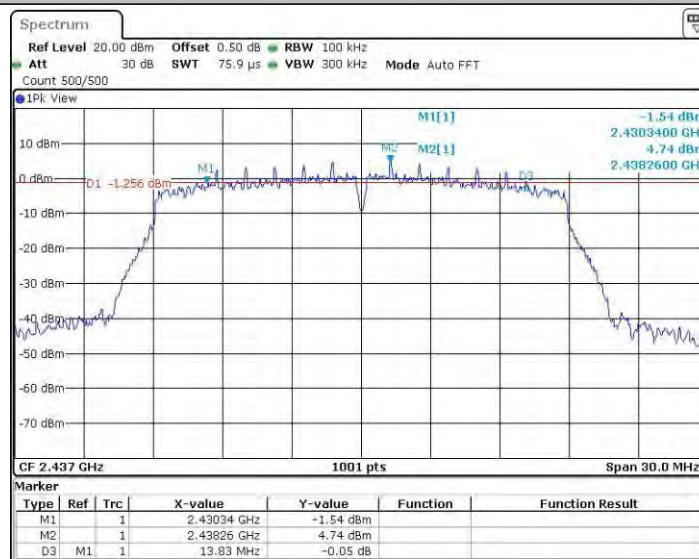


11N20SISO_Ant3_2412

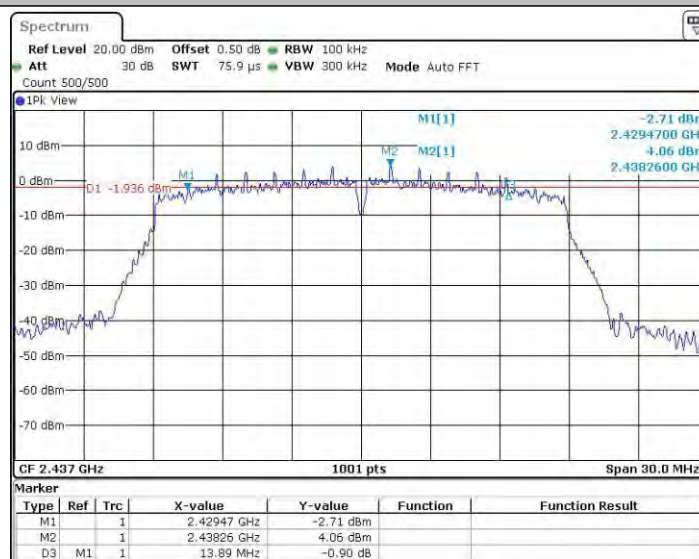
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11N20SISO_Ant4_2412

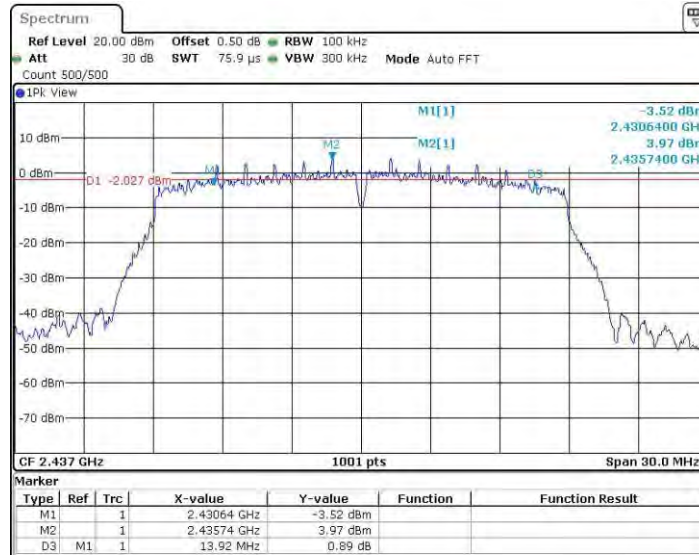


11N20SISO_Ant1_2437



11N20SISO_Ant2_2437

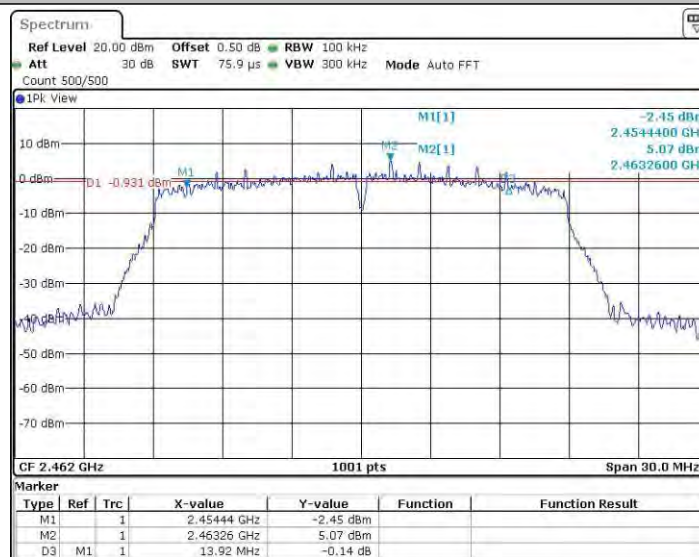
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11N20SISO_Ant3_2437

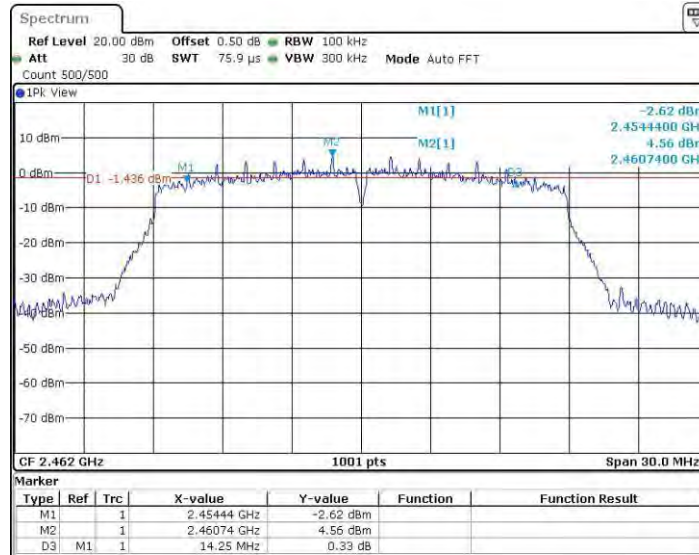


11N20SISO_Ant4_2437

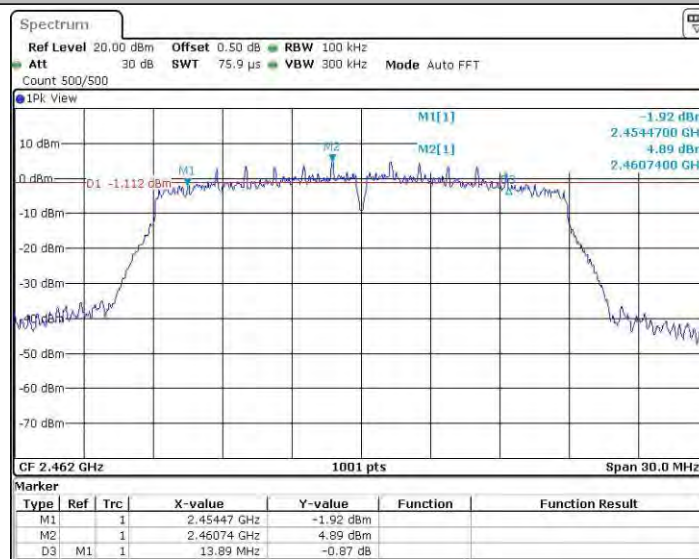


11N20SISO_Ant1_2462

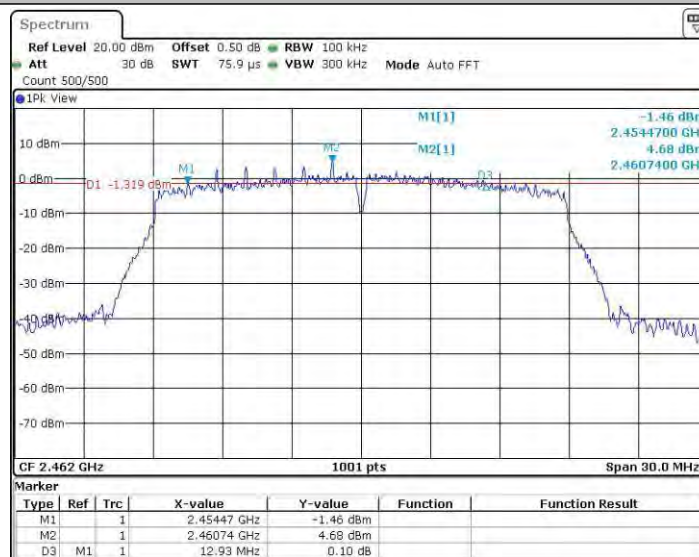
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11N20SISO_Ant2_2462

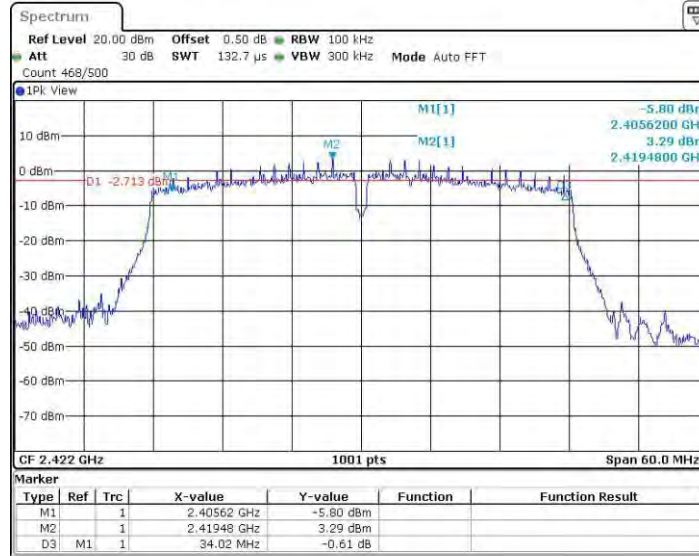


11N20SISO_Ant3_2462

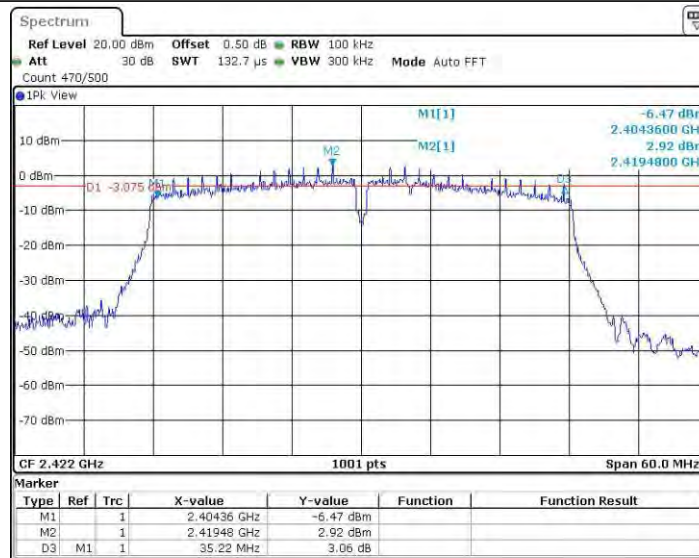


11N20SISO_Ant4_2462

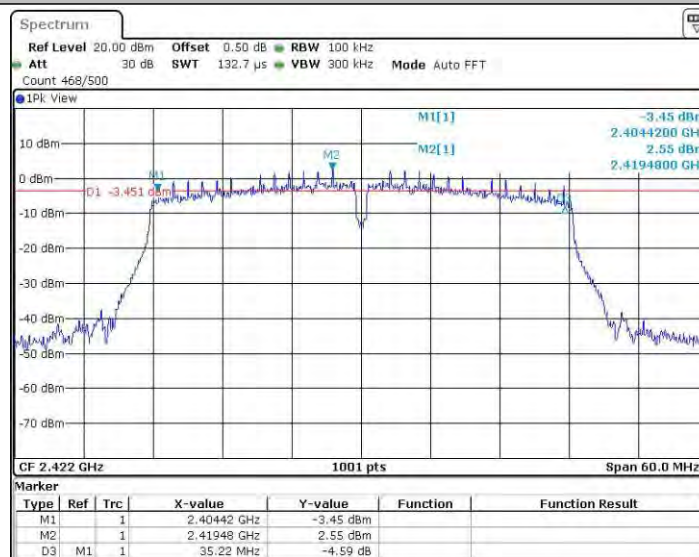
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11N40SISO_Ant1_2422

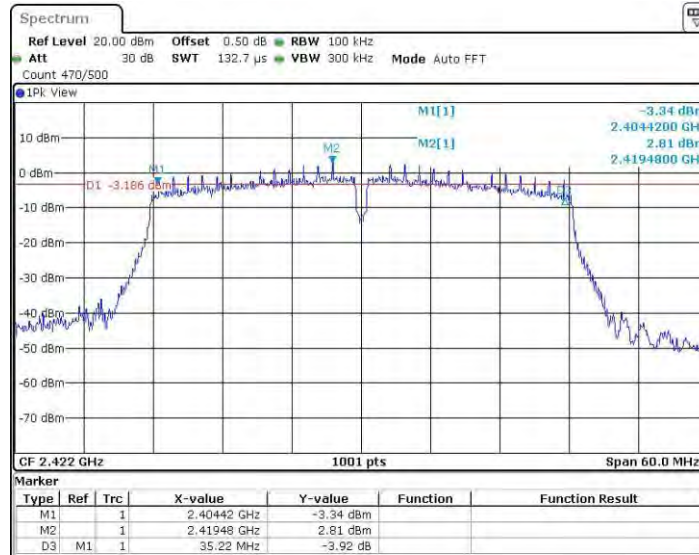


11N40SISO_Ant2_2422

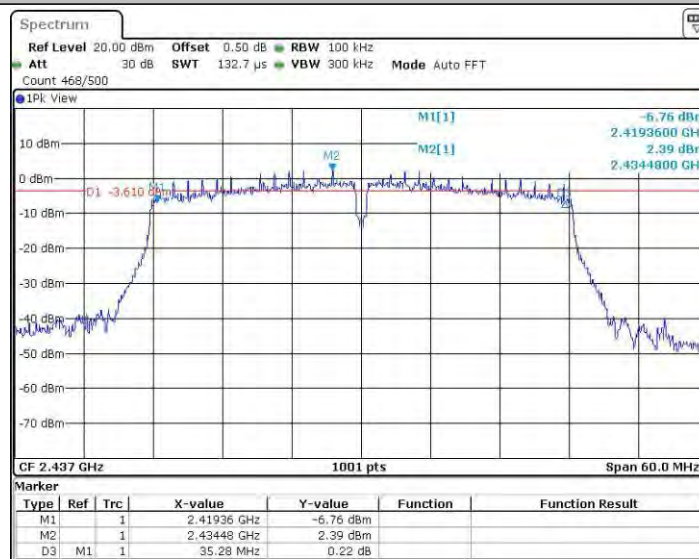


11N40SISO_Ant3_2422

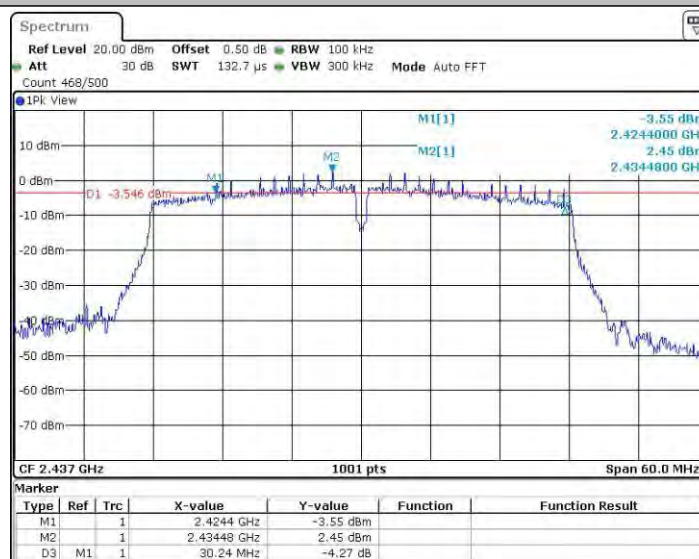
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11N40SISO_Ant4_2422

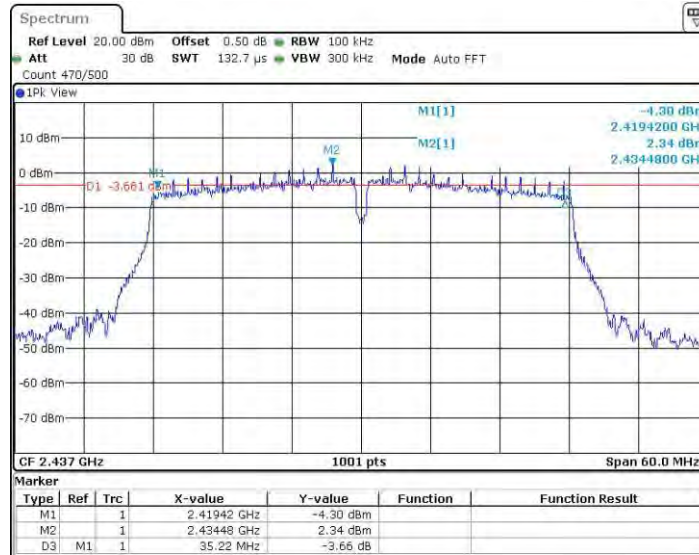


11N40SISO_Ant1_2437

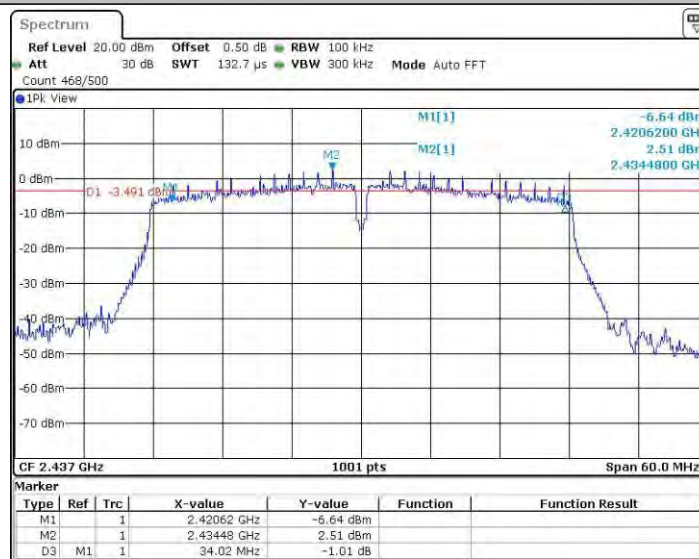


11N40SISO_Ant2_2437

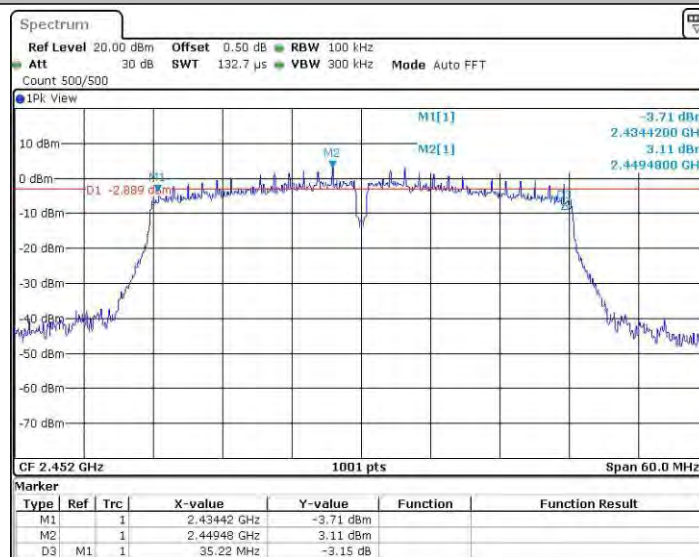
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11N40SISO_Ant3_2437

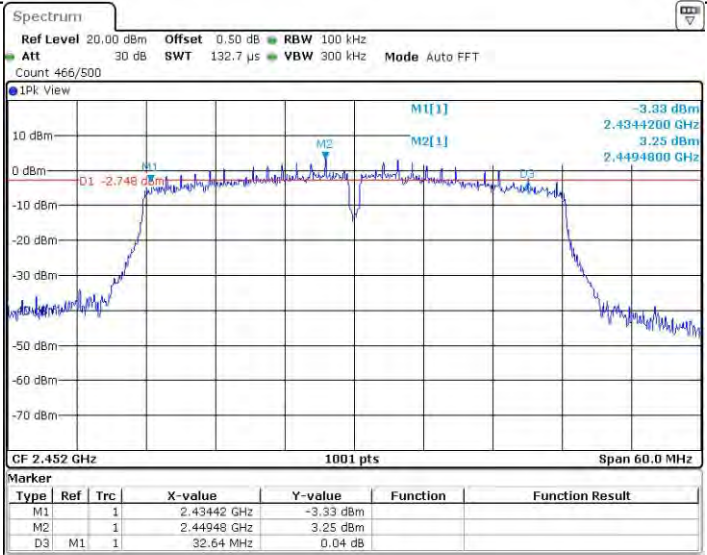


11N40SISO_Ant4_2437

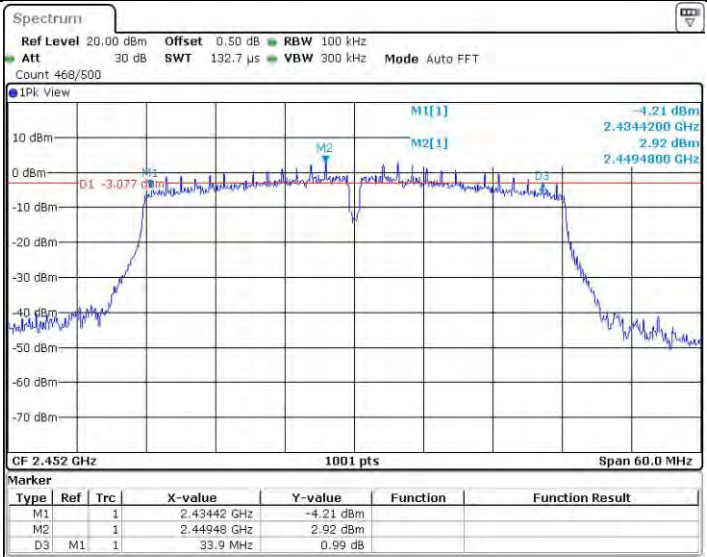


11N40SISO_Ant1_2452

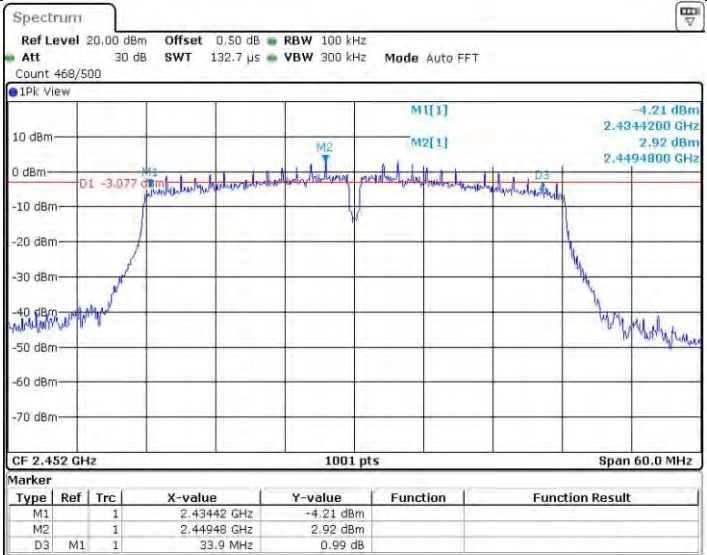
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11N40SISO_Ant2_2452

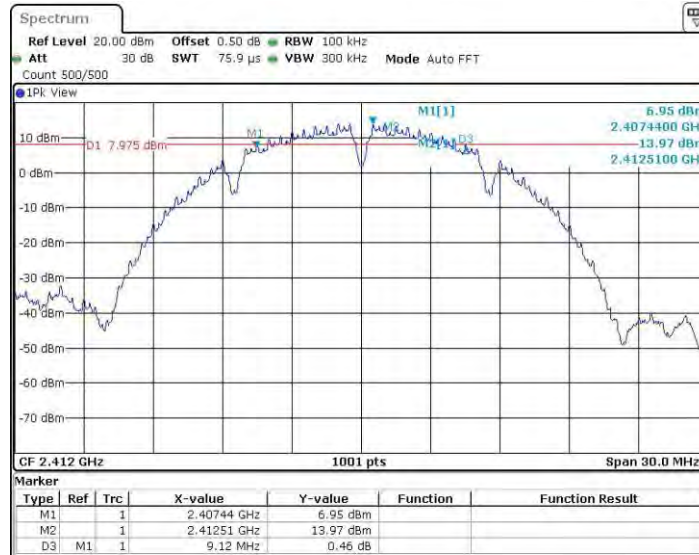


11N40SISO_Ant3_2452

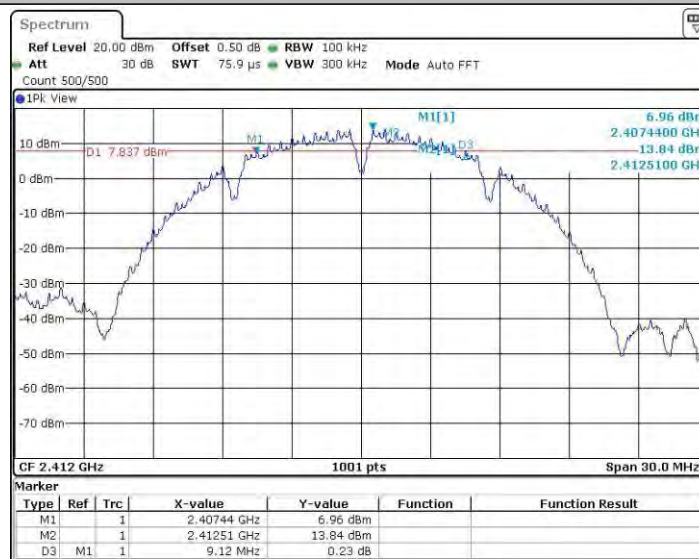


11N40SISO_Ant4_2452

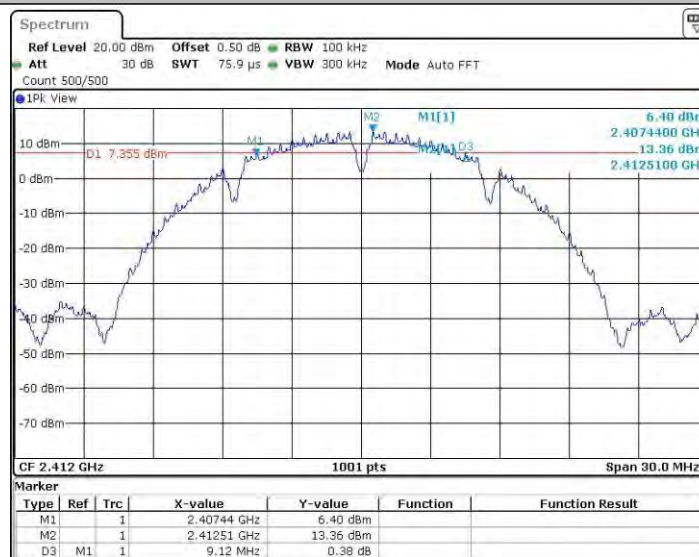
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11BSISO_Ant1_2412

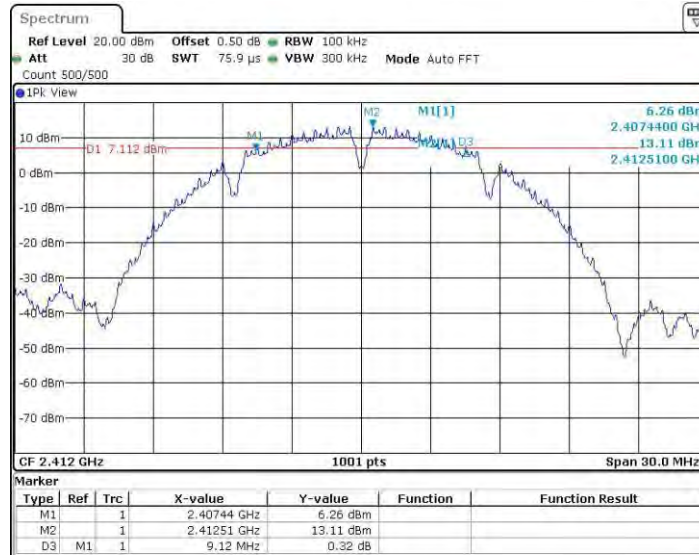


11BSISO_Ant2_2412

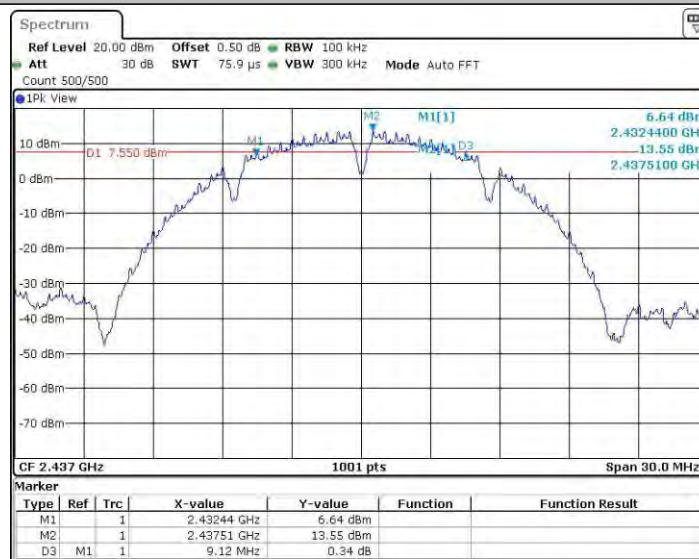


11BSISO_Ant3_2412

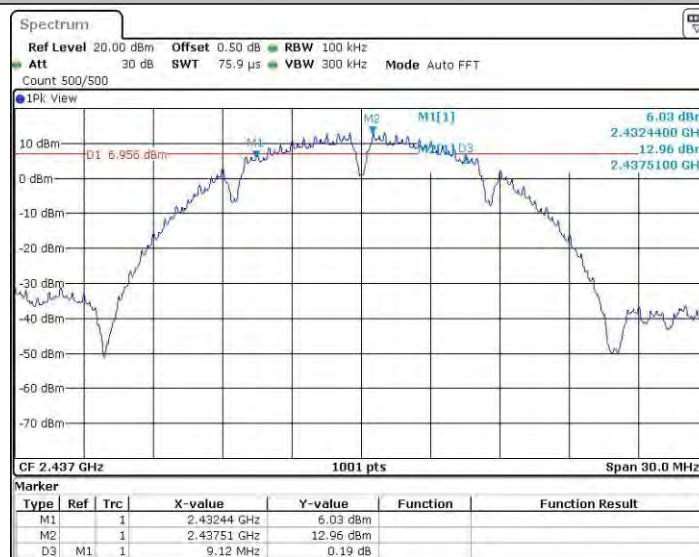
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11BSISO_Ant4_2412

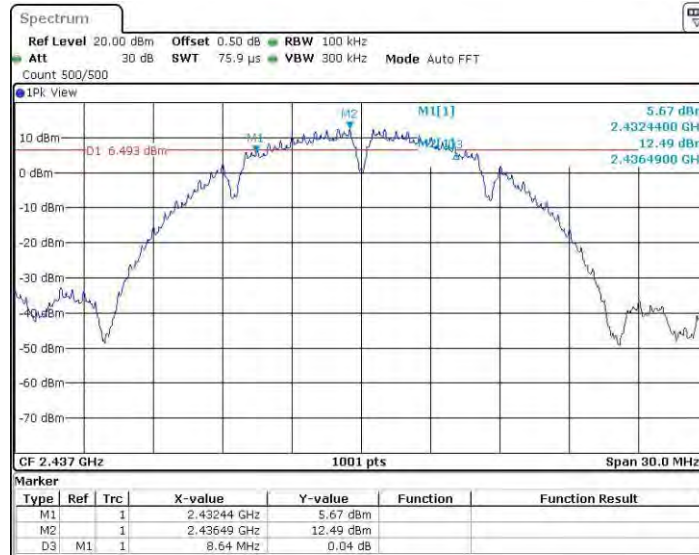


11BSISO_Ant1_2437



11BSISO_Ant2_2437

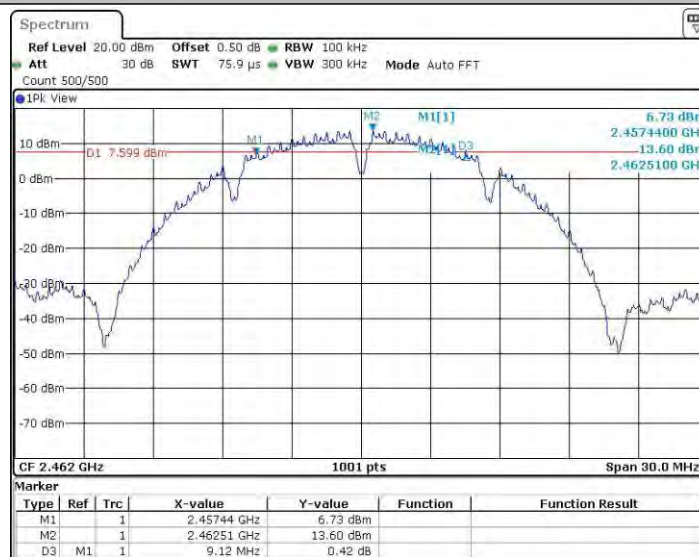
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11BSISO_Ant3_2437

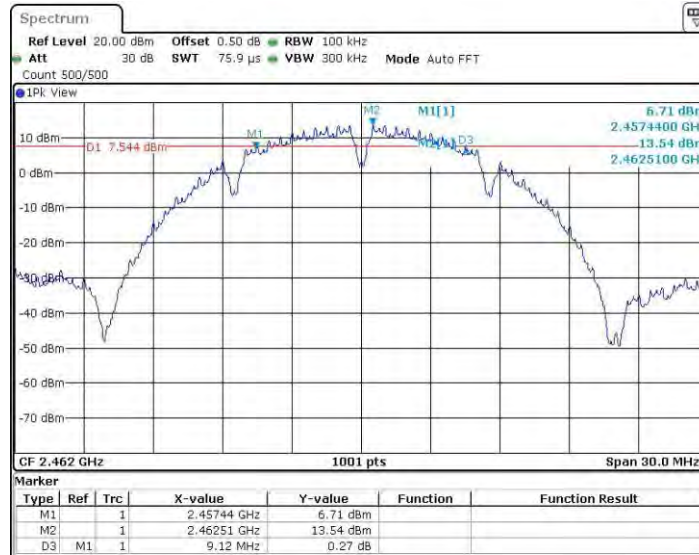


11BSISO_Ant4_2437

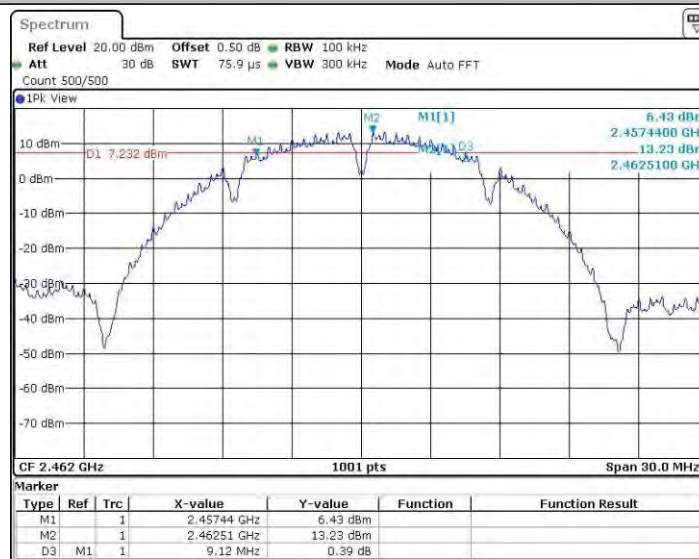


11BSISO_Ant1_2462

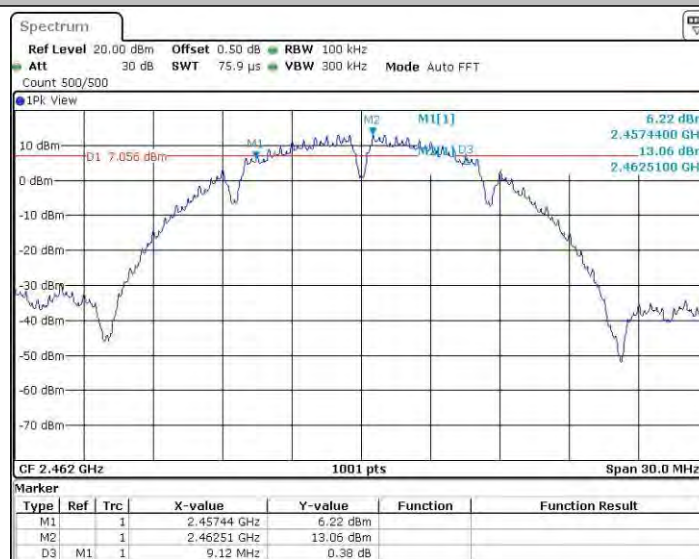
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11BSISO_Ant2_2462



11BSISO_Ant3_2462



11BSISO_Ant4_2462

Appendix A2: 99%Occupied channel bandwidth

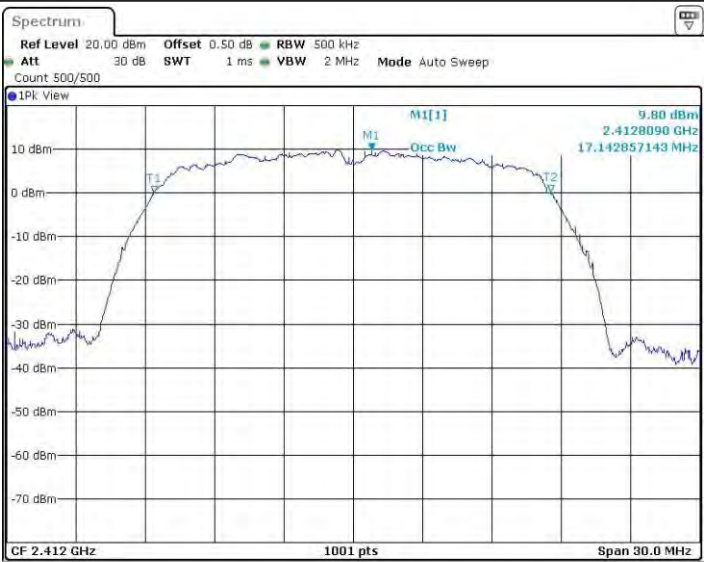
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11GSISO	Ant1	2412	17.143	2403.399	2420.541	---	PASS
	Ant2	2412	17.173	2403.369	2420.541	---	PASS
	Ant3	2412	17.173	2403.369	2420.541	---	PASS
	Ant4	2412	17.143	2403.399	2420.541	---	PASS
	Ant1	2437	17.143	2428.399	2445.541	---	PASS
	Ant2	2437	17.173	2428.369	2445.541	---	PASS
	Ant3	2437	17.143	2428.399	2445.541	---	PASS
	Ant4	2437	17.173	2428.369	2445.541	---	PASS
	Ant1	2462	17.173	2453.369	2470.541	---	PASS
	Ant2	2462	17.173	2453.369	2470.541	---	PASS
	Ant3	2462	17.173	2453.369	2470.541	---	PASS
	Ant4	2462	17.173	2453.369	2470.541	---	PASS
11N20SISO	Ant1	2412	17.862	2403.069	2420.931	---	PASS
	Ant2	2412	17.892	2403.039	2420.931	---	PASS
	Ant3	2412	17.892	2403.039	2420.931	---	PASS
	Ant4	2412	17.922	2403.039	2420.961	---	PASS
	Ant1	2437	17.892	2428.039	2445.931	---	PASS
	Ant2	2437	17.892	2428.039	2445.931	---	PASS
	Ant3	2437	17.892	2428.039	2445.931	---	PASS
	Ant4	2437	17.892	2428.039	2445.931	---	PASS
	Ant1	2462	17.892	2453.039	2470.931	---	PASS
	Ant2	2462	17.922	2453.009	2470.931	---	PASS
	Ant3	2462	17.892	2453.039	2470.931	---	PASS
	Ant4	2462	17.892	2453.039	2470.931	---	PASS
11N40SISO	Ant1	2422	36.144	2403.958	2440.102	---	PASS
	Ant2	2422	36.084	2403.898	2439.982	---	PASS
	Ant3	2422	36.024	2403.958	2439.982	---	PASS
	Ant4	2422	36.084	2403.958	2440.042	---	PASS
	Ant1	2437	36.144	2418.958	2455.102	---	PASS
	Ant2	2437	36.084	2418.898	2454.982	---	PASS
	Ant3	2437	36.084	2418.958	2455.042	---	PASS
	Ant4	2437	36.084	2418.958	2455.042	---	PASS
	Ant1	2452	36.084	2433.958	2470.042	---	PASS
	Ant2	2452	36.084	2433.898	2469.982	---	PASS
	Ant3	2452	36.084	2433.898	2469.982	---	PASS
	Ant4	2452	36.084	2433.958	2470.042	---	PASS
11BSISO	Ant1	2412	13.337	2405.347	2418.683	---	PASS
	Ant2	2412	13.337	2405.317	2418.653	---	PASS
	Ant3	2412	13.337	2405.317	2418.653	---	PASS

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	Ant4	2412	13.427	2405.287	2418.713	---	PASS
	Ant1	2437	13.367	2430.317	2443.683	---	PASS
	Ant2	2437	13.337	2430.317	2443.653	---	PASS
	Ant3	2437	13.397	2430.287	2443.683	---	PASS
	Ant4	2437	13.397	2430.287	2443.683	---	PASS
	Ant1	2462	13.397	2455.287	2468.683	---	PASS
	Ant2	2462	13.367	2455.287	2468.653	---	PASS
	Ant3	2462	13.487	2455.227	2468.713	---	PASS
	Ant4	2462	13.457	2455.257	2468.713	---	PASS

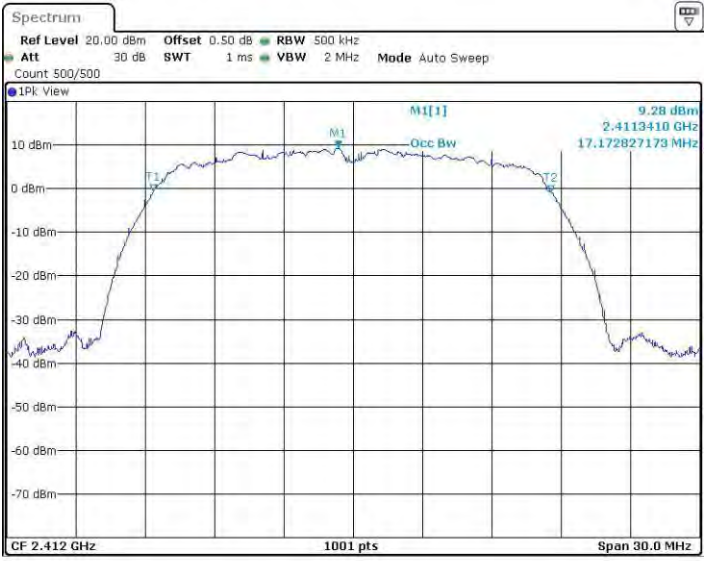
Test Graphs



11GSISO_Ant1_2412



11GSISO_Ant2_2412



11GSISO_Ant3_2412

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11GSISO_Ant4_2412



11GSISO_Ant1_2437



11GSISO_Ant2_2437

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11GSISO_Ant3_2437



11GSISO_Ant4_2437



11GSISO_Ant1_2462

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11GSISO_Ant2_2462



11GSISO_Ant3_2462



11GSISO_Ant4_2462

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11N20SISO_Ant1_2412



11N20SISO_Ant2_2412



11N20SISO_Ant3_2412

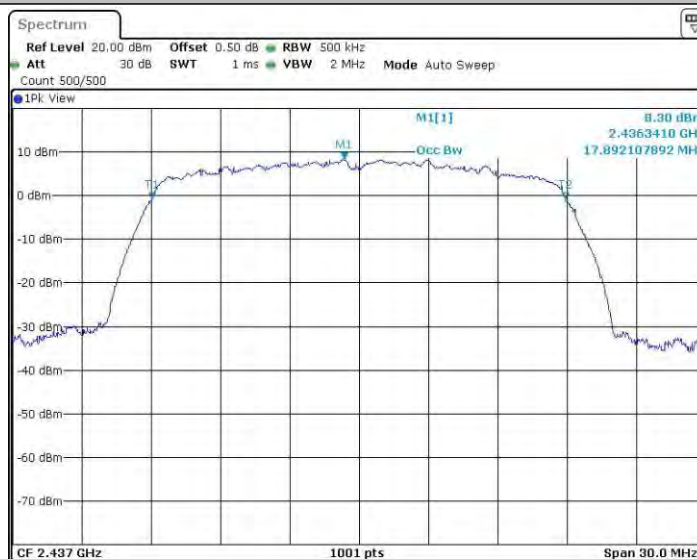
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11N20SISO_Ant4_2412



11N20SISO_Ant1_2437



11N20SISO_Ant2_2437

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11N20SISO_Ant3_2437



11N20SISO_Ant4_2437



11N20SISO_Ant1_2462

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11N20SISO_Ant2_2462



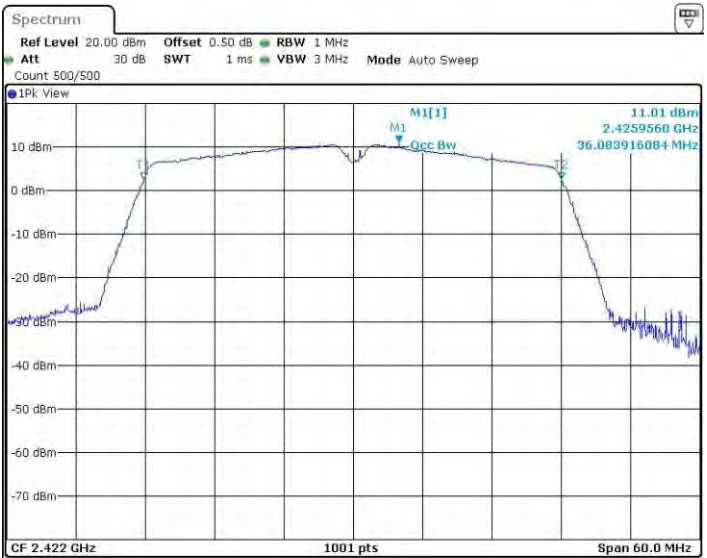
11N20SISO_Ant3_2462



11N20SISO_Ant4_2462



11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



11N40SISO_Ant3_2422

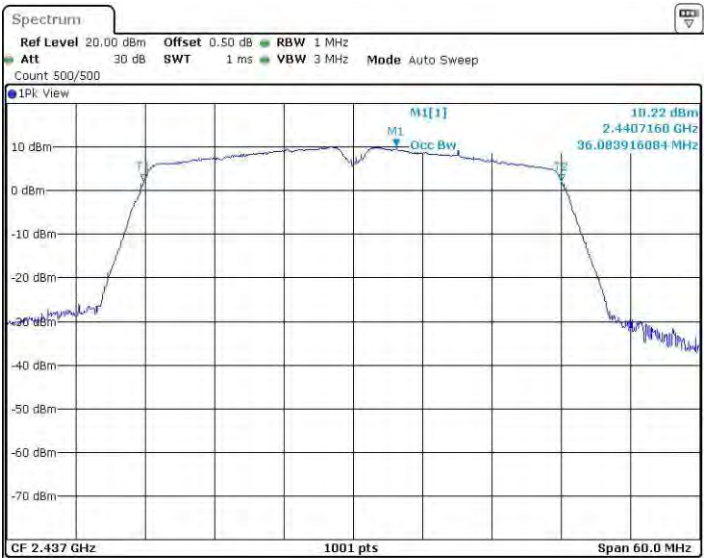
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11N40SISO_Ant4_2422



11N40SISO_Ant1_2437

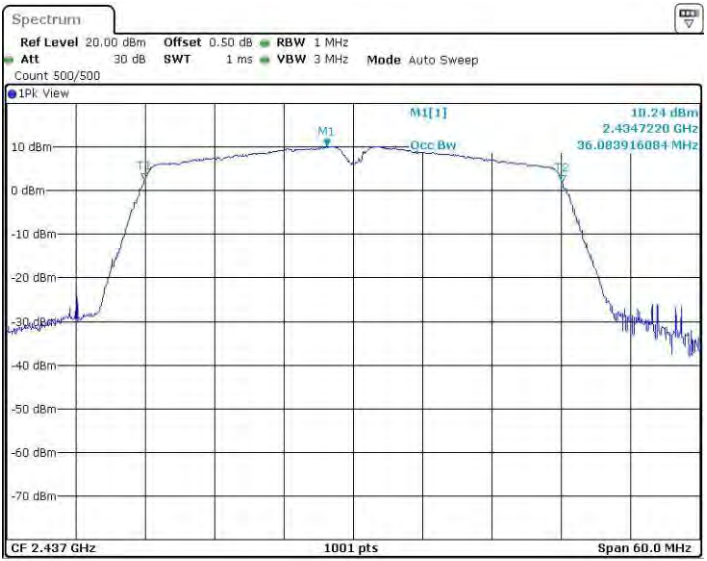


11N40SISO_Ant2_2437

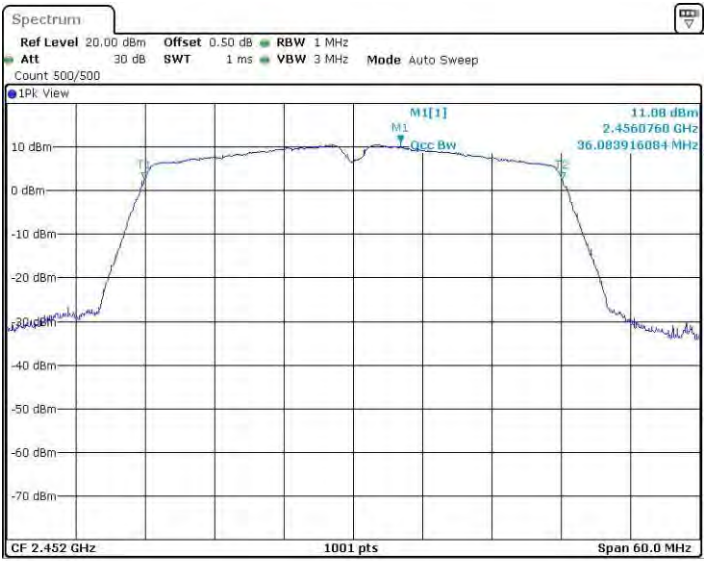
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11N40SISO_Ant3_2437



11N40SISO_Ant4_2437



11N40SISO_Ant1_2452

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11N40SISO_Ant2_2452



11N40SISO_Ant3_2452

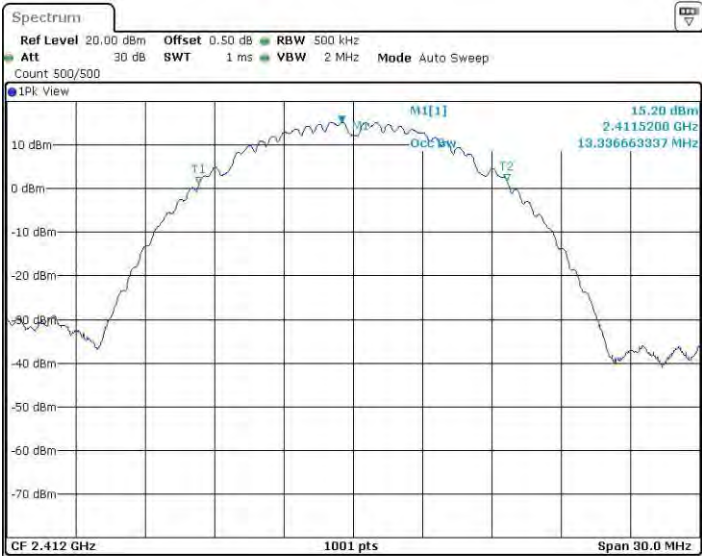


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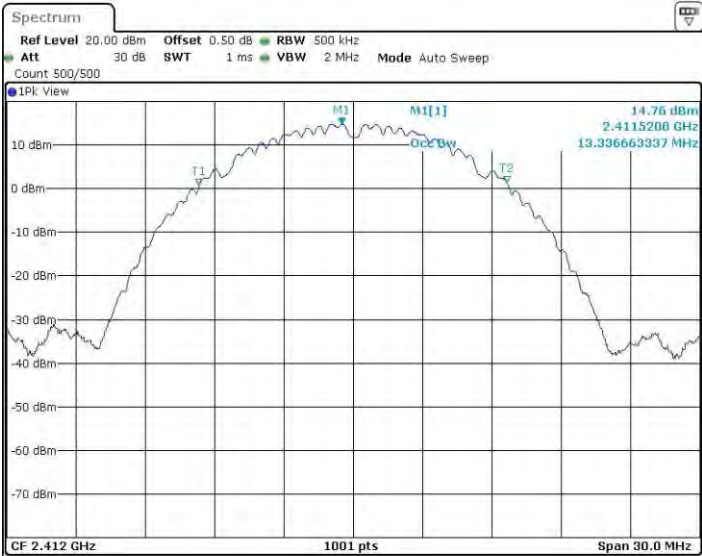
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11BSISO_Ant1_2412



11BSISO_Ant2_2412



11BSISO_Ant3_2412

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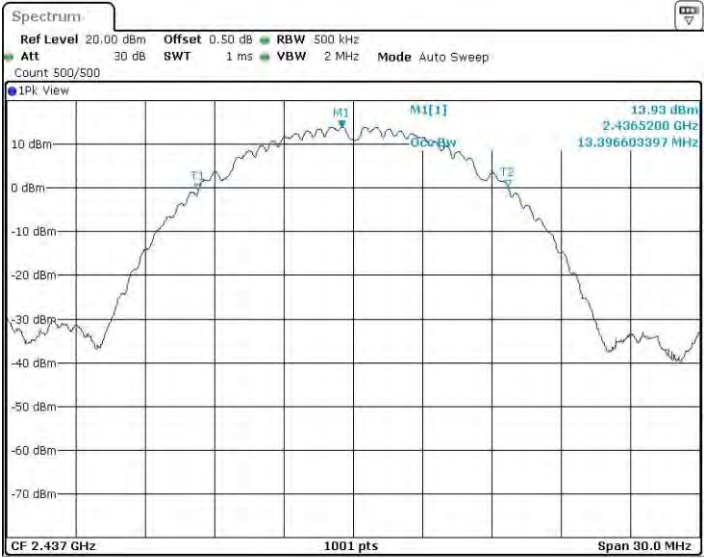
11BSISO_Ant4_2412



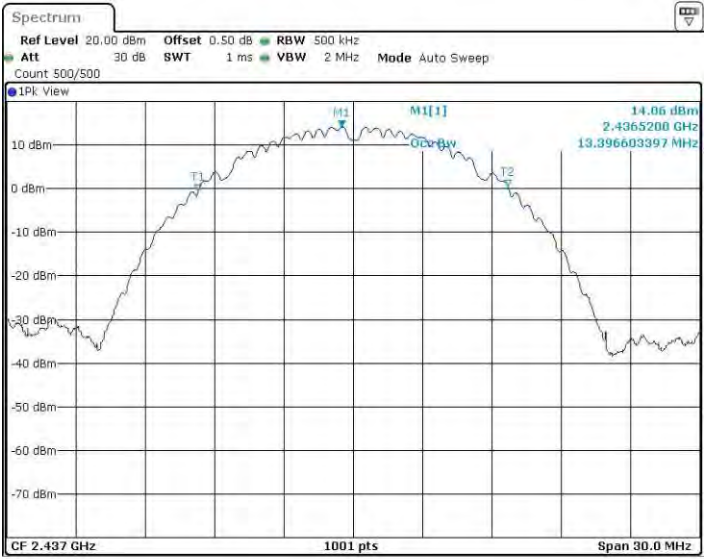
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11BSISO_Ant2_2437



11BSISO_Ant3_2437



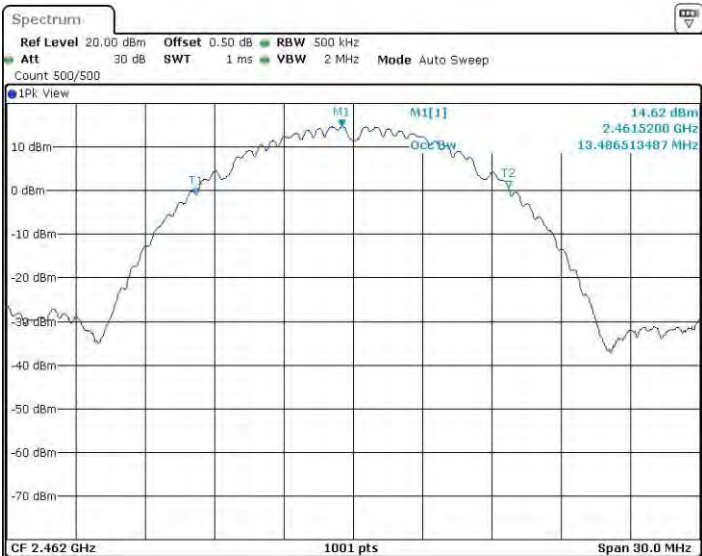
11BSISO_Ant4_2437



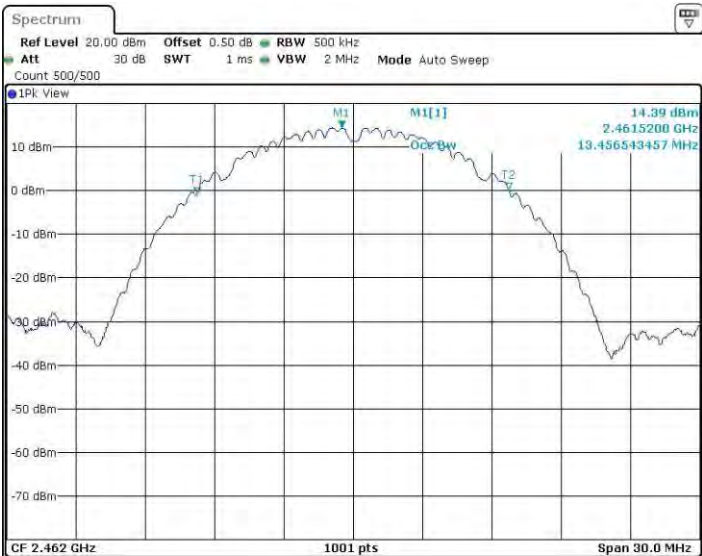
11BSISO_Ant1_2462



11BSISO_Ant2_2462



11BSISO_Ant3_2462



11BSISO_Ant4_2462

Appendix B: Conducted Average Power

Test Result

SISO Mode

Model	Channel	Frequency (MHz)	Average Power(dBm) Ant 1	Limit (dBm)	Verdict
11b	1	2412	26.73	30	PASS
	6	2437	26.63	30	PASS
	11	2462	26.83	30	PASS
11g	1	2412	18.98	30	PASS
	6	2437	18.78	30	PASS
	11	2462	19.18	30	PASS
11n20	1	2412	18.80	30	PASS
	6	2437	18.60	30	PASS
	11	2462	18.50	30	PASS
11n40	3	2422	19.00	30	PASS
	6	2437	18.70	30	PASS
	9	2452	18.50	30	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) Ant 2	Limit (dBm)	Verdict
11b	1	2412	26.63	30	PASS
	6	2437	25.83	30	PASS
	11	2462	26.33	30	PASS
11g	1	2412	18.68	30	PASS
	6	2437	18.48	30	PASS
	11	2462	18.88	30	PASS
11n20	1	2412	18.60	30	PASS
	6	2437	18.50	30	PASS
	11	2462	18.30	30	PASS
11n40	3	2422	18.80	30	PASS
	6	2437	18.50	30	PASS
	9	2452	19.10	30	PASS

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Model	Channel	Frequency (MHz)	Average Power(dBm) Ant 3	Limit (dBm)	Verdict
11b	1	2412	26.13	30	PASS
	6	2437	25.83	30	PASS
	11	2462	26.53	30	PASS
11g	1	2412	18.78	30	PASS
	6	2437	18.58	30	PASS
	11	2462	18.98	30	PASS
11n20	1	2412	18.50	30	PASS
	6	2437	18.50	30	PASS
	11	2462	19.40	30	PASS
11n40	3	2422	18.90	30	PASS
	6	2437	18.60	30	PASS
	9	2452	18.40	30	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) Ant 4	Limit (dBm)	Verdict
11b	1	2412	26.83	30	PASS
	6	2437	26.53	30	PASS
	11	2462	26.73	30	PASS
11g	1	2412	18.98	30	PASS
	6	2437	18.58	30	PASS
	11	2462	18.48	30	PASS
11n20	1	2412	18.80	30	PASS
	6	2437	18.80	30	PASS
	11	2462	18.60	30	PASS
11n40	3	2422	19.30	30	PASS
	6	2437	19.10	30	PASS
	9	2452	19.30	30	PASS

MIMO Mode

Model	Channel	Frequency (MHz)	Average Power(dBm)				Total Average Power (dBm)	Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4			
11b	1	2412	19.93	19.63	19.53	20.33	25.89	30.00	PASS
	6	2437	19.63	19.33	19.23	20.13	25.62	30.00	PASS
	11	2462	19.43	19.13	19.33	20.23	25.57	30.00	PASS
11g	1	2412	20.58	20.08	20.08	20.78	26.42	30.00	PASS
	6	2437	20.28	19.88	19.98	20.18	26.11	30.00	PASS
	11	2462	20.28	19.88	19.98	20.28	26.13	30.00	PASS
11n20	1	2412	19.70	19.40	19.10	19.50	25.45	30.00	PASS
	6	2437	19.60	19.50	19.70	19.60	25.62	30.00	PASS
	11	2462	19.10	19.40	19.60	19.80	25.50	30.00	PASS
11n40	3	2422	19.90	19.10	19.00	19.70	25.46	30.00	PASS
	6	2437	20.10	19.80	18.80	19.50	25.59	30.00	PASS
	9	2452	19.90	19.30	18.80	19.30	25.36	30.00	PASS

Beamforming Mode

Model	Channel	Frequency (MHz)	Average Power(dBm)				Total Average Power (dBm)	Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4			
11b	1	2412	17.81	17.74	17.65	17.12	23.61	25.47	PASS
	6	2437	17.21	17.05	17.22	17.21	23.19	25.47	PASS
	11	2462	17.51	17.65	17.23	17.13	23.41	25.47	PASS
11g	1	2412	17.72	17.45	17.64	17.84	23.69	25.47	PASS
	6	2437	17.15	17.24	17.45	17.32	23.31	25.47	PASS
	11	2462	17.45	17.32	17.42	17.58	23.46	25.47	PASS
11n20	1	2412	17.46	17.38	17.45	17.89	23.57	25.47	PASS
	6	2437	17.15	17.13	17.05	17.52	23.24	25.47	PASS
	11	2462	17.58	17.71	17.51	17.49	23.59	25.47	PASS
11n40	3	2422	16.92	17.03	16.89	16.76	22.92	25.47	PASS
	6	2437	16.98	16.88	16.52	16.87	22.84	25.47	PASS
	9	2452	17.13	16.91	17.22	16.89	23.06	25.47	PASS

Appendix C: Maximum power spectral density

Test Result

SISO Mode

TestMode	Antenna	Channel	Result	Limit	Verdict
11GSISO	Ant1	2412	-16.76	≤ -8	PASS
	Ant2	2412	-16.56	≤ -8	PASS
	Ant3	2412	-16.68	≤ -8	PASS
	Ant4	2412	-17.36	≤ -8	PASS
	Ant1	2437	-16.96	≤ -8	PASS
	Ant2	2437	-17.59	≤ -8	PASS
	Ant3	2437	-17.5	≤ -8	PASS
	Ant4	2437	-17.5	≤ -8	PASS
	Ant1	2462	-16.55	≤ -8	PASS
	Ant2	2462	-16.52	≤ -8	PASS
	Ant3	2462	-16.8	≤ -8	PASS
	Ant4	2462	-16.83	≤ -8	PASS
11N20SISO	Ant1	2412	-16.45	≤ -8	PASS
	Ant2	2412	-16.08	≤ -8	PASS
	Ant3	2412	-16.78	≤ -8	PASS
	Ant4	2412	-16.21	≤ -8	PASS
	Ant1	2437	-15.99	≤ -8	PASS
	Ant2	2437	-16.6	≤ -8	PASS
	Ant3	2437	-17.43	≤ -8	PASS
	Ant4	2437	-17.12	≤ -8	PASS
	Ant1	2462	-15.61	≤ -8	PASS
	Ant2	2462	-16.11	≤ -8	PASS
	Ant3	2462	-16.78	≤ -8	PASS
	Ant4	2462	-16.34	≤ -8	PASS
11N40SISO	Ant1	2422	-19.69	≤ -8	PASS
	Ant2	2422	-20.12	≤ -8	PASS
	Ant3	2422	-20.43	≤ -8	PASS
	Ant4	2422	-20.21	≤ -8	PASS
	Ant1	2437	-19.97	≤ -8	PASS
	Ant2	2437	-20.67	≤ -8	PASS
	Ant3	2437	-20.79	≤ -8	PASS
	Ant4	2437	-20.49	≤ -8	PASS
	Ant1	2452	-20.08	≤ -8	PASS
	Ant2	2452	-20.12	≤ -8	PASS
	Ant3	2452	-19.79	≤ -8	PASS
	Ant4	2452	-20.36	≤ -8	PASS
11BSISO	Ant1	2412	-0.86	≤ -8	PASS
	Ant2	2412	-1.05	≤ -8	PASS

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	Ant3	2412	-0.35	<=8	PASS
	Ant4	2412	-1.78	<=8	PASS
	Ant1	2437	-1.31	<=8	PASS
	Ant2	2437	-1.53	<=8	PASS
	Ant3	2437	-2.25	<=8	PASS
	Ant4	2437	-2.16	<=8	PASS
	Ant1	2462	0.49	<=8	PASS
	Ant2	2462	-1.34	<=8	PASS
	Ant3	2462	-1.56	<=8	PASS
	Ant4	2462	-1.81	<=8	PASS

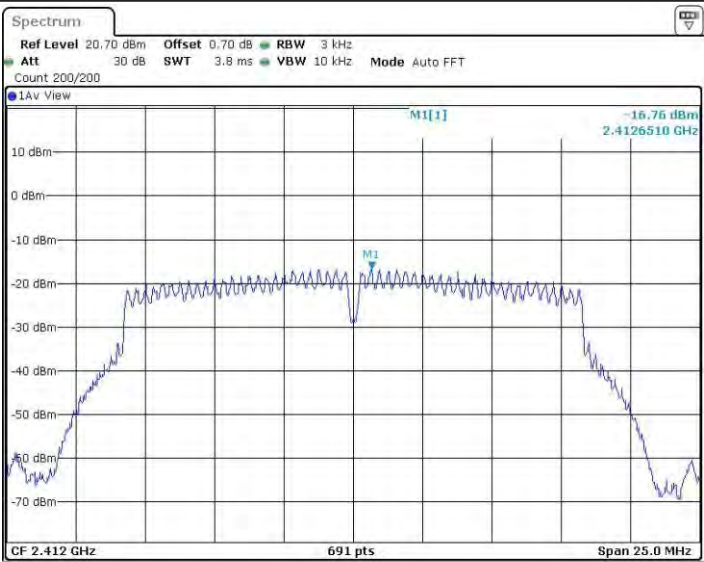
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MIMO & Beamforming Mode

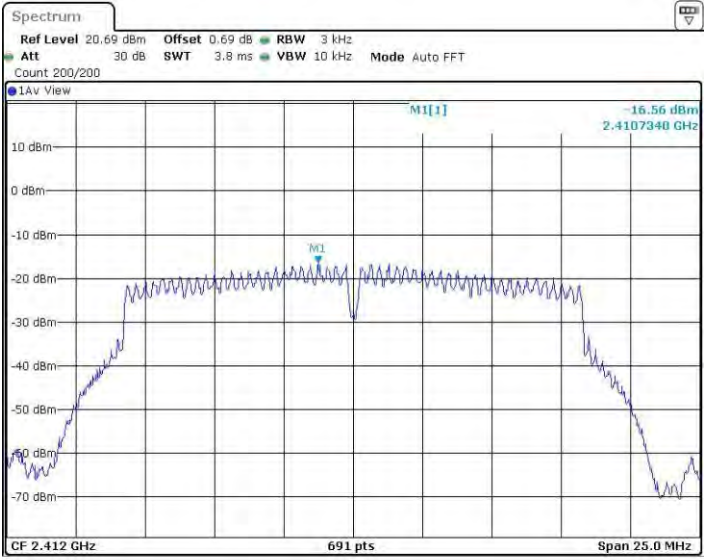
Test Mode	Antenna	Channel	Result	Limit	Verdict
11N20MIMO	Ant1	2412	-12.81	≤ 3.47	PASS
	Ant2	2412	-13.71	≤ 3.47	PASS
	Ant3	2412	-13.32	≤ 3.47	PASS
	Ant4	2412	-13.79	≤ 3.47	PASS
	total	2412	-7.37	≤ 3.47	PASS
	Ant1	2437	-12.37	≤ 3.47	PASS
	Ant2	2437	-13.35	≤ 3.47	PASS
	Ant3	2437	-13.78	≤ 3.47	PASS
	Ant4	2437	-14.3	≤ 3.47	PASS
	total	2437	-7.37	≤ 3.47	PASS
	Ant1	2462	-13.13	≤ 3.47	PASS
	Ant2	2462	-13.13	≤ 3.47	PASS
	Ant3	2462	-13.33	≤ 3.47	PASS
	Ant4	2462	-13.92	≤ 3.47	PASS
	total	2462	-7.35	≤ 3.47	PASS
11N40MIMO	Ant1	2422	-18.33	≤ 3.47	PASS
	Ant2	2422	-18.23	≤ 3.47	PASS
	Ant3	2422	-19.22	≤ 3.47	PASS
	Ant4	2422	-17.3	≤ 3.47	PASS
	total	2422	-12.20	≤ 3.47	PASS
	Ant1	2437	-18.44	≤ 3.47	PASS
	Ant2	2437	-18.49	≤ 3.47	PASS
	Ant3	2437	-19.22	≤ 3.47	PASS
	Ant4	2437	-17.86	≤ 3.47	PASS
	total	2437	-12.46	≤ 3.47	PASS
	Ant1	2452	-18.7	≤ 3.47	PASS
	Ant2	2452	-18	≤ 3.47	PASS
	Ant3	2452	-18.39	≤ 3.47	PASS
	Ant4	2452	-17.8	≤ 3.47	PASS
	total	2452	-12.19	≤ 3.47	PASS
11G MIMO	Ant1	2412	-13.01	≤ 3.47	PASS
	Ant2	2412	-13.26	≤ 3.47	PASS
	Ant3	2412	-12.91	≤ 3.47	PASS
	Ant4	2412	-12.74	≤ 3.47	PASS
	total	2412	-6.96	≤ 3.47	PASS
	Ant1	2437	-13.08	≤ 3.47	PASS
	Ant2	2437	-14.27	≤ 3.47	PASS
	Ant3	2437	-14	≤ 3.47	PASS
	Ant4	2437	-13.66	≤ 3.47	PASS
	total	2437	-7.71	≤ 3.47	PASS
	Ant1	2462	-13.35	≤ 3.47	PASS
	Ant2	2462	-13.68	≤ 3.47	PASS
	Ant3	2462	-13.45	≤ 3.47	PASS
	Ant4	2462	-13.7	≤ 3.47	PASS
	total	2462	-7.52	≤ 3.47	PASS

Note: The Duty Cycle Factor is compensated in the graph.

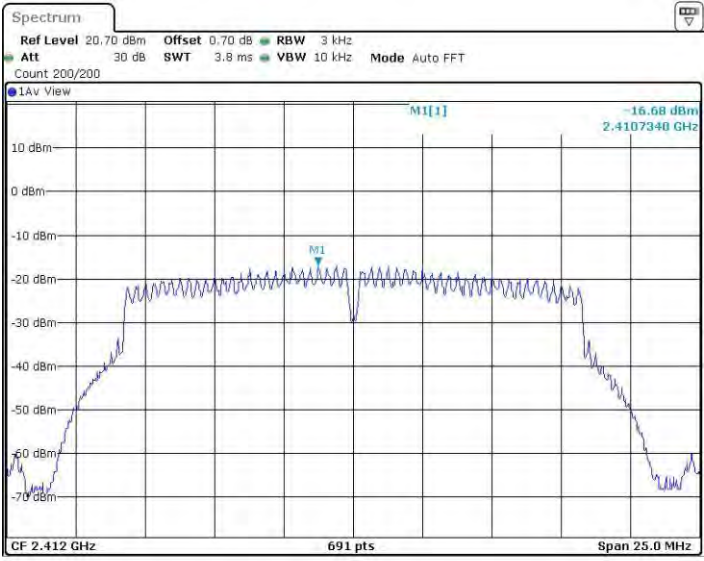
Test Graphs



11GSISO_Ant1_2412

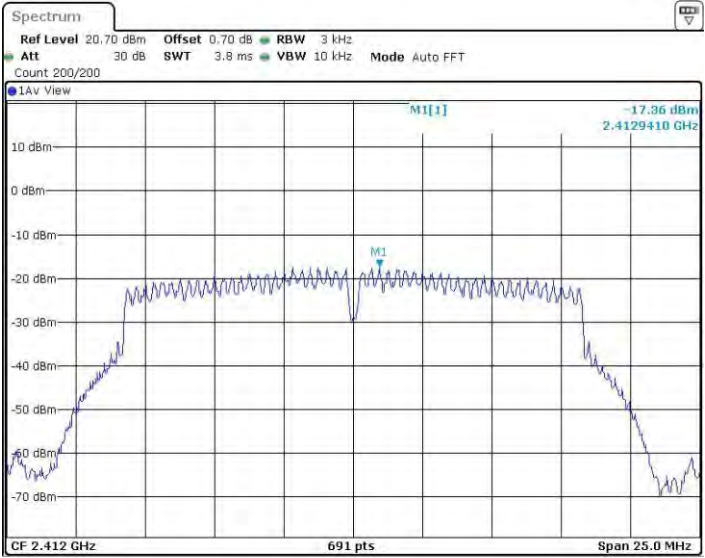


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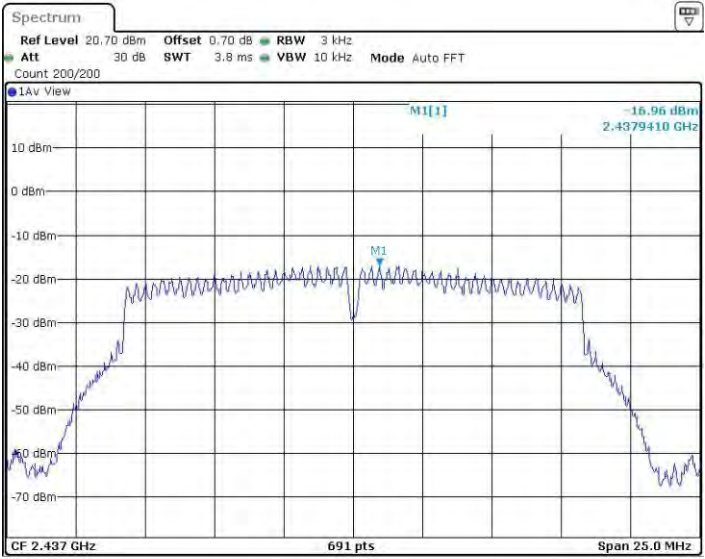


11GSISO_Ant3_2412

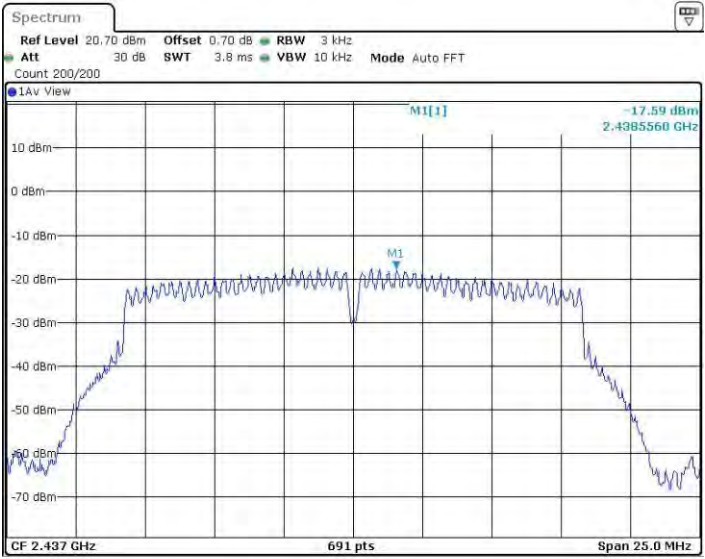
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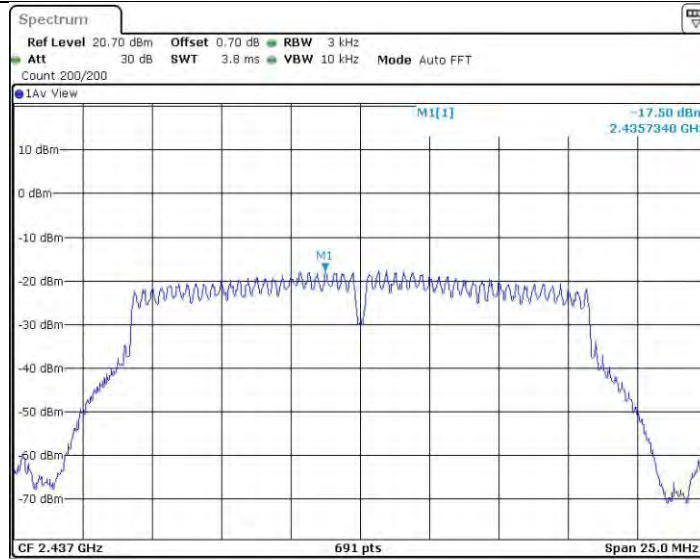
11GSISO_Ant4_2412



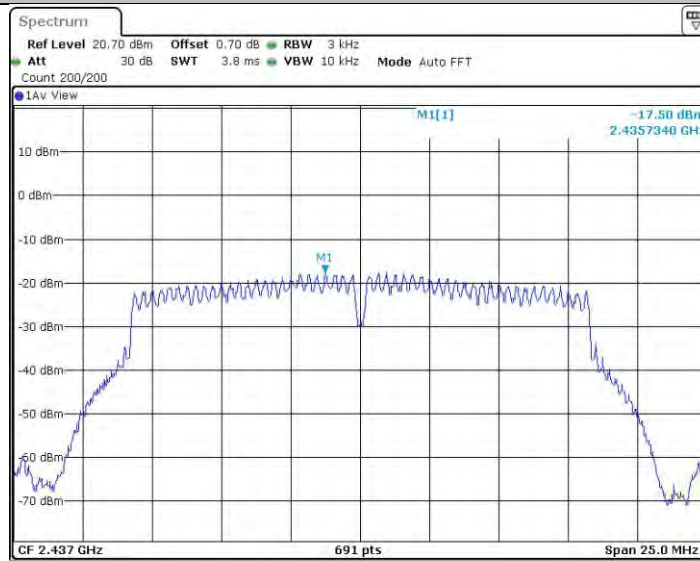
11GSISO_Ant1_2437



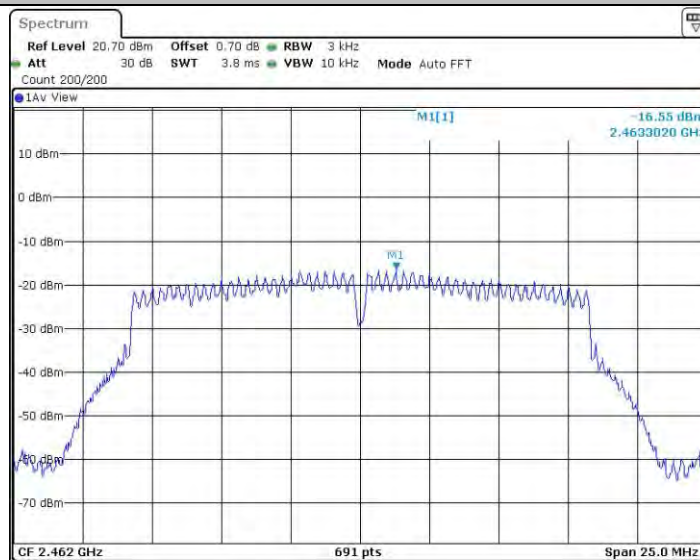
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11GSISO_Ant3_2437

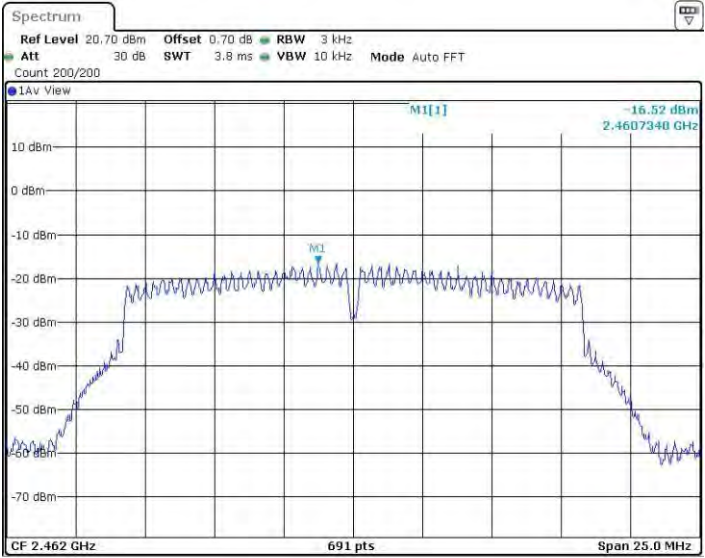


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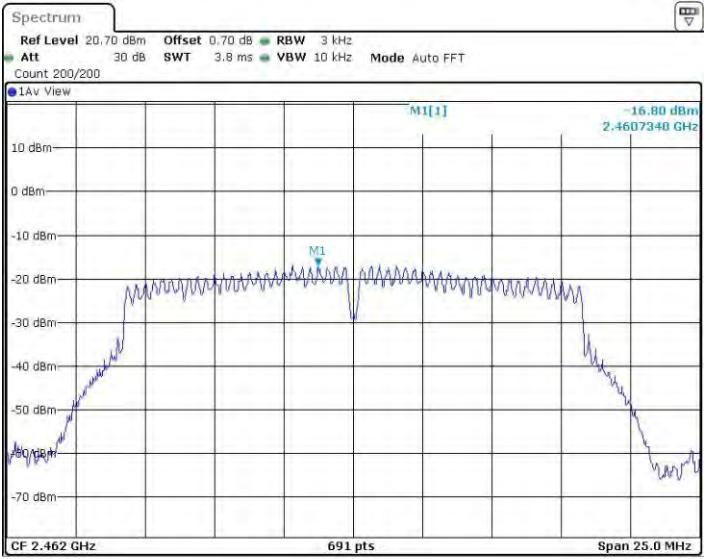


11GSISO_Ant1_2462

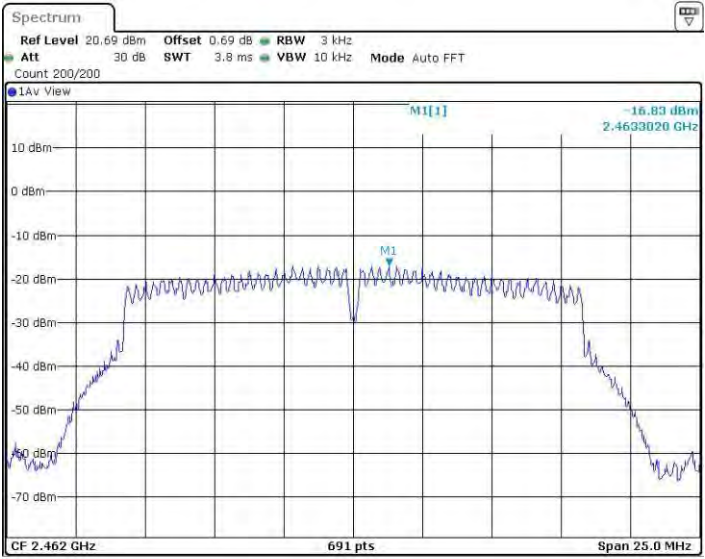
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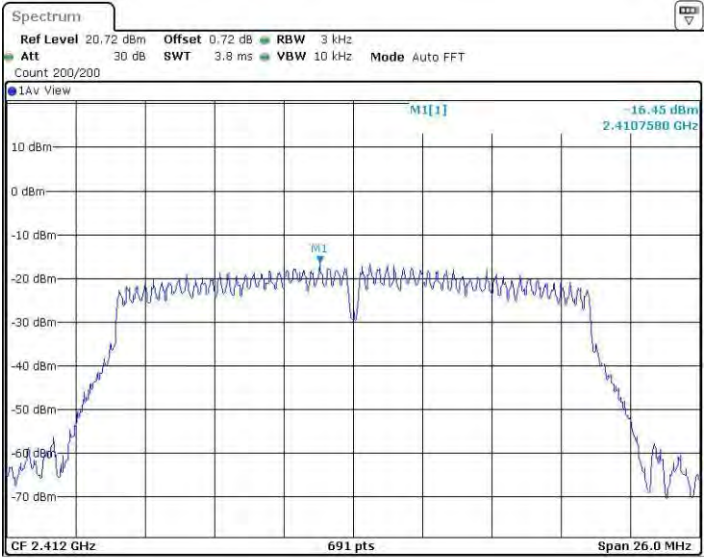


11GSISO_Ant3_2462

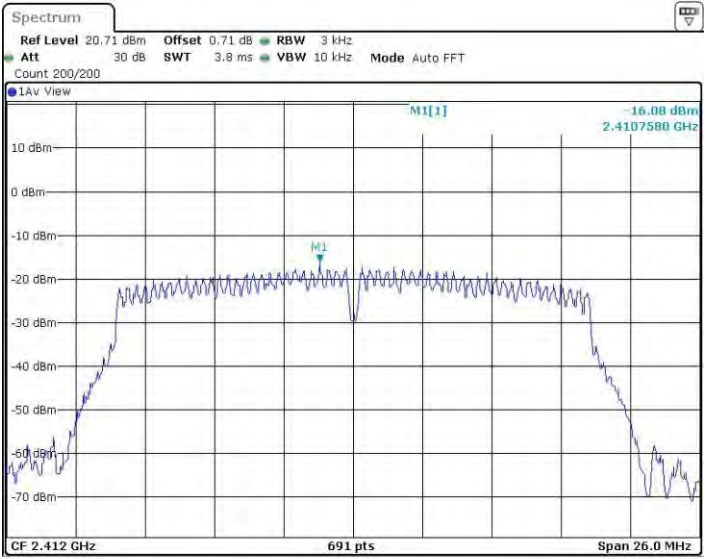


11GSISO_Ant4_2462

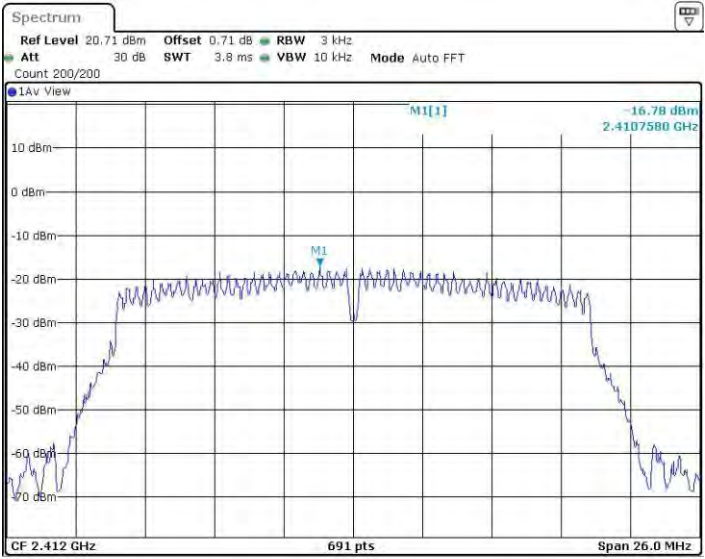
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11N20SISO_Ant1_2412

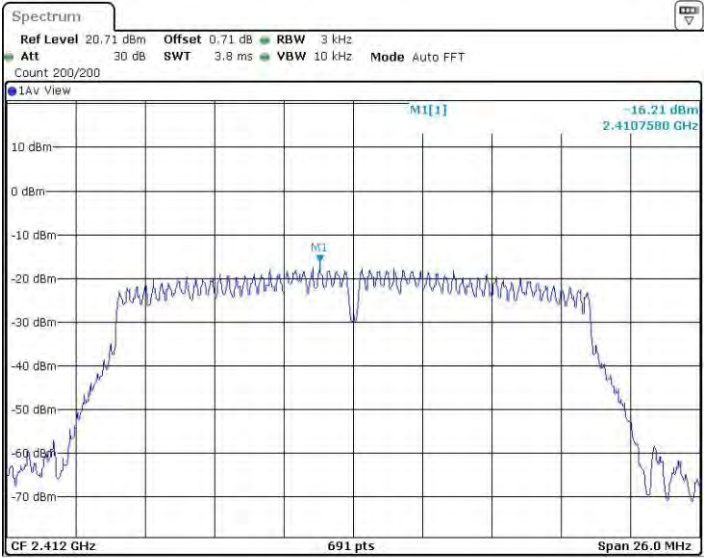


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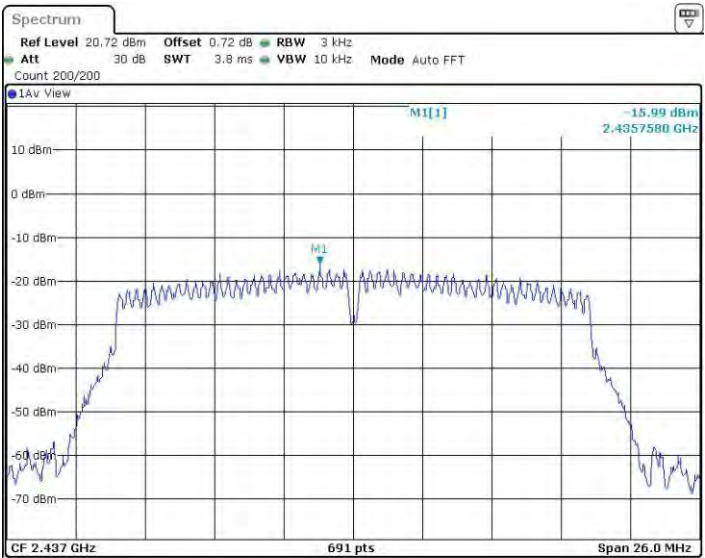


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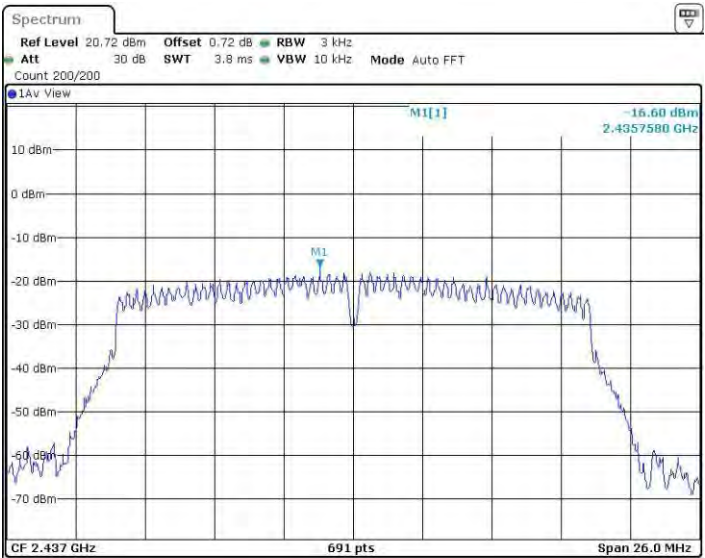
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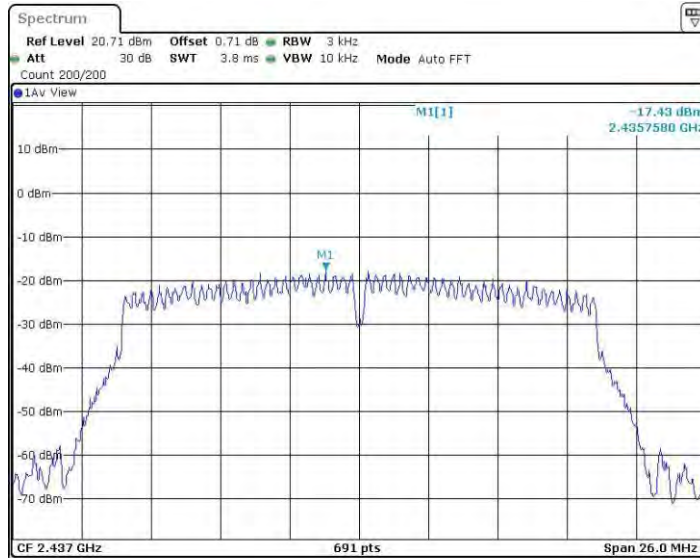


11N20SISO_Ant1_2437

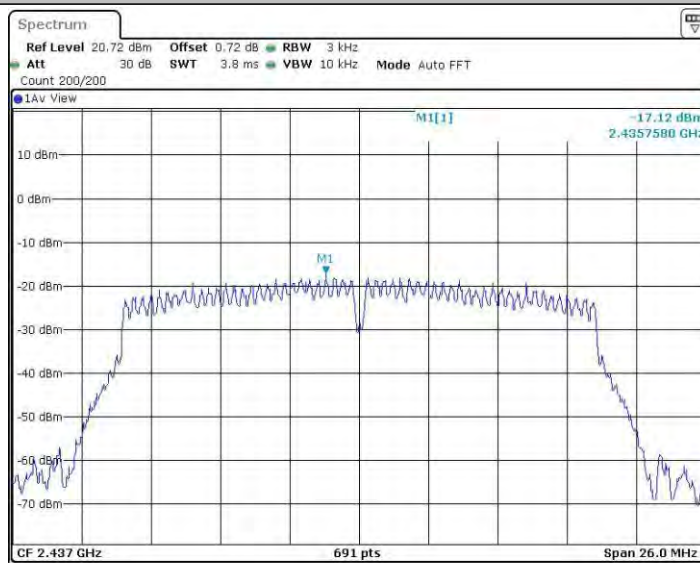


11N20SISO_Ant2_2437

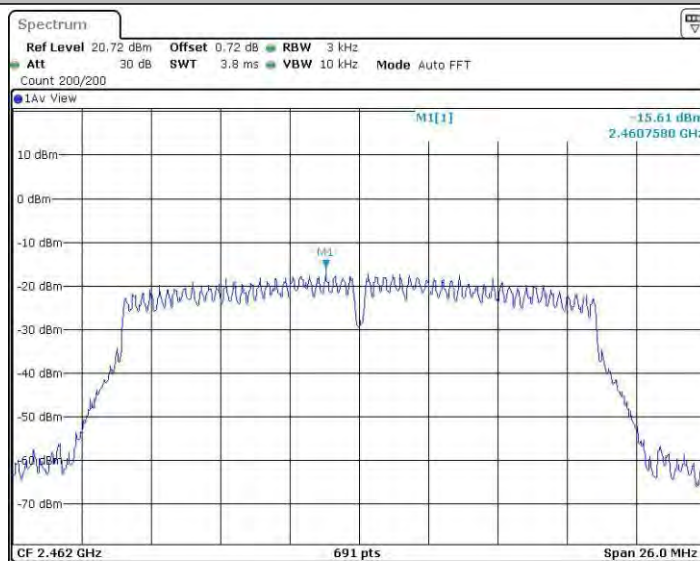
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11N20SISO_Ant3_2437

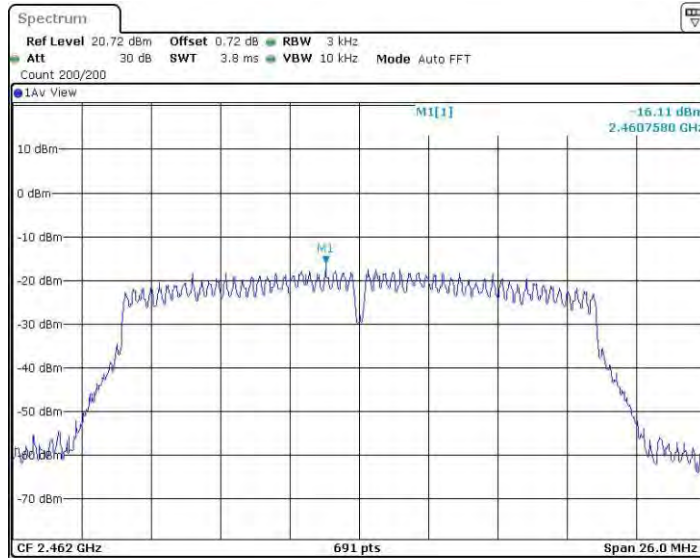


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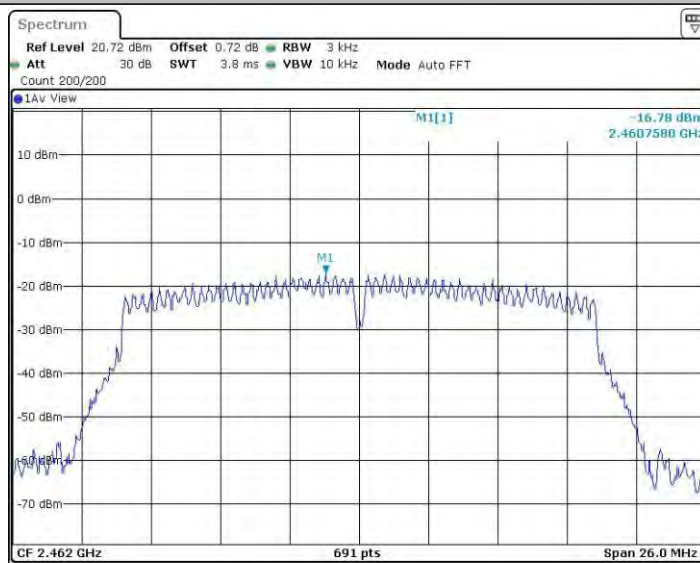


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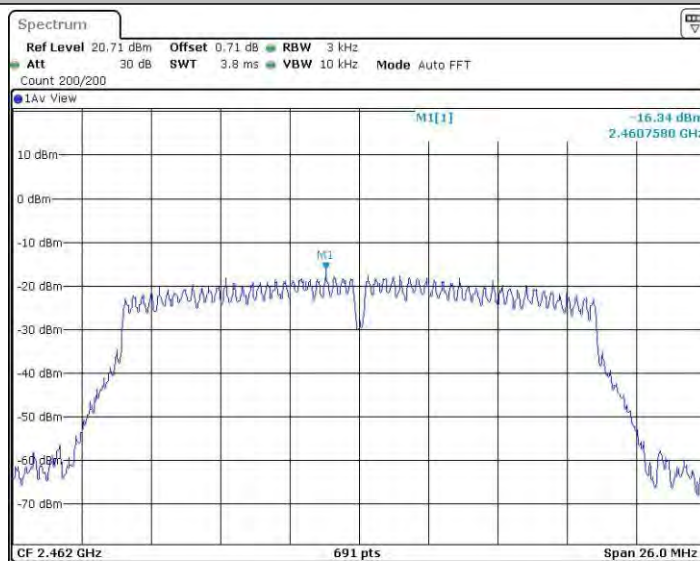
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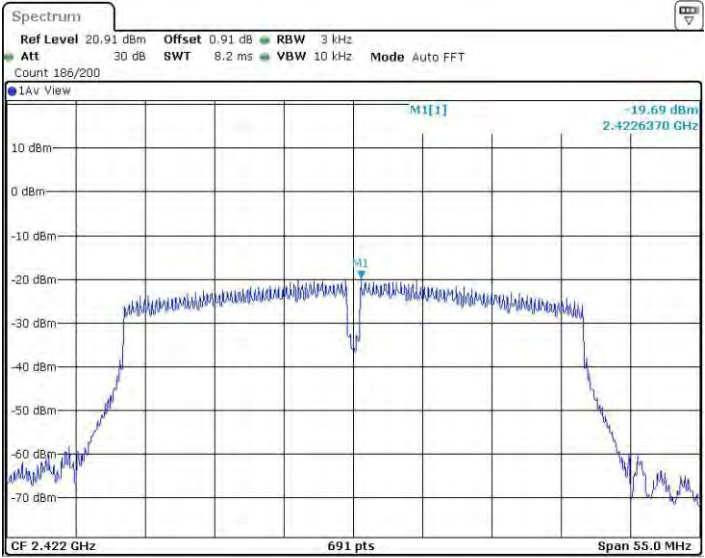


11N20SISO_Ant3_2462

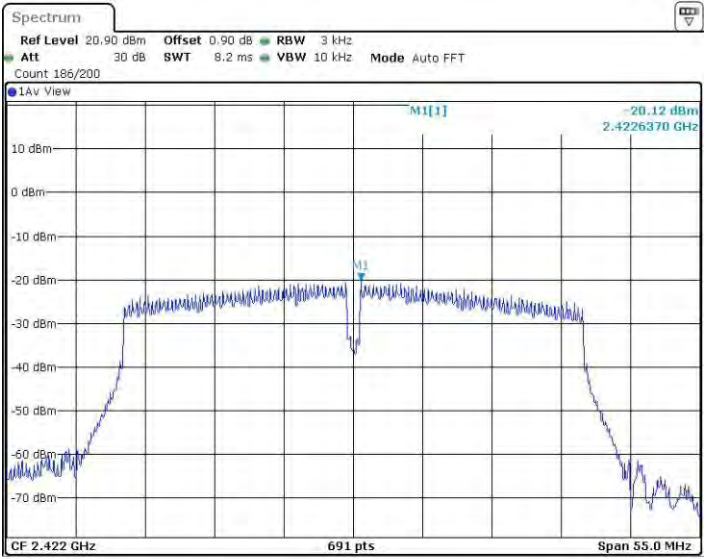


11N20SISO_Ant4_2462

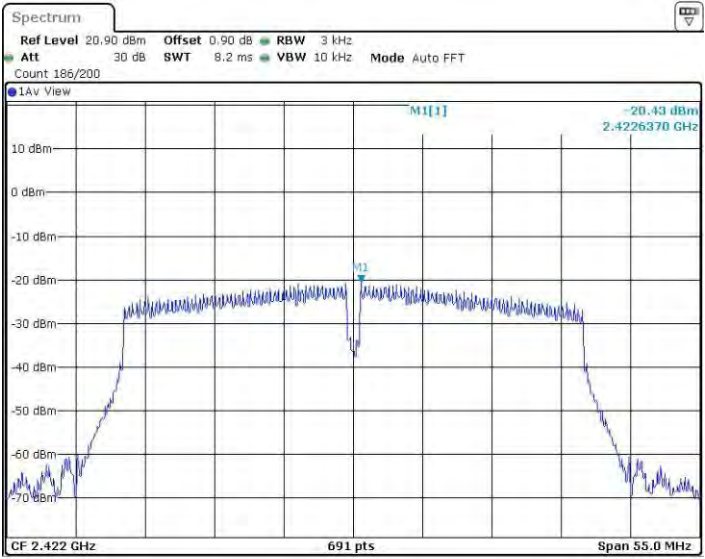
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11N40SISO_Ant1_2422

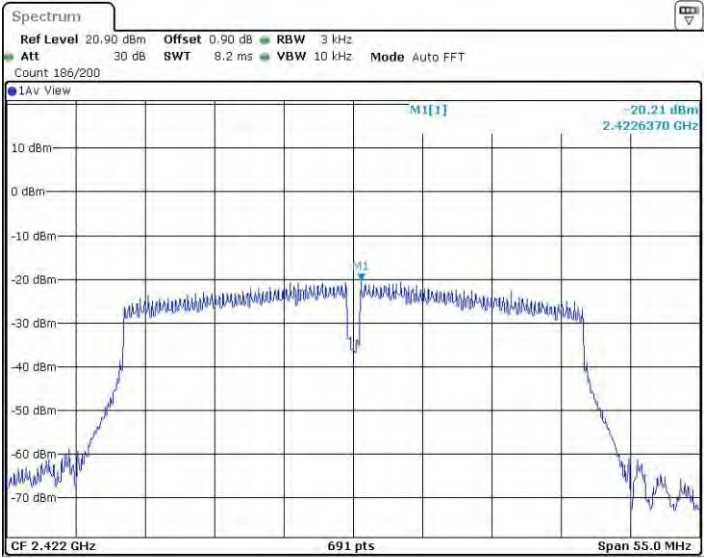


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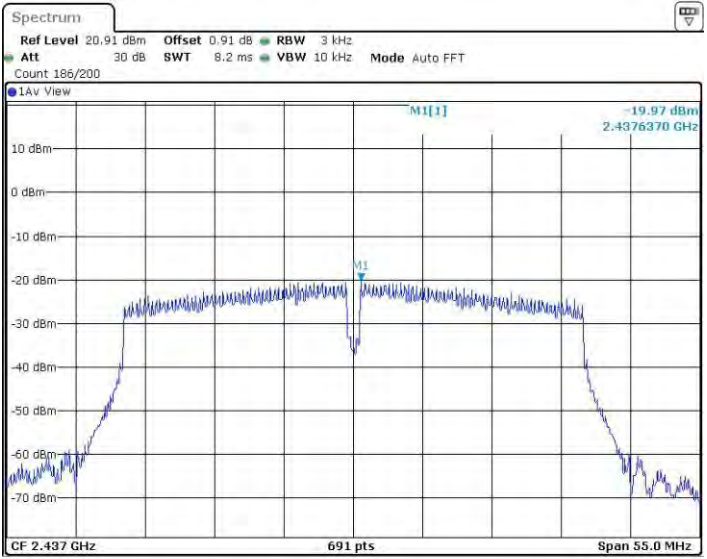


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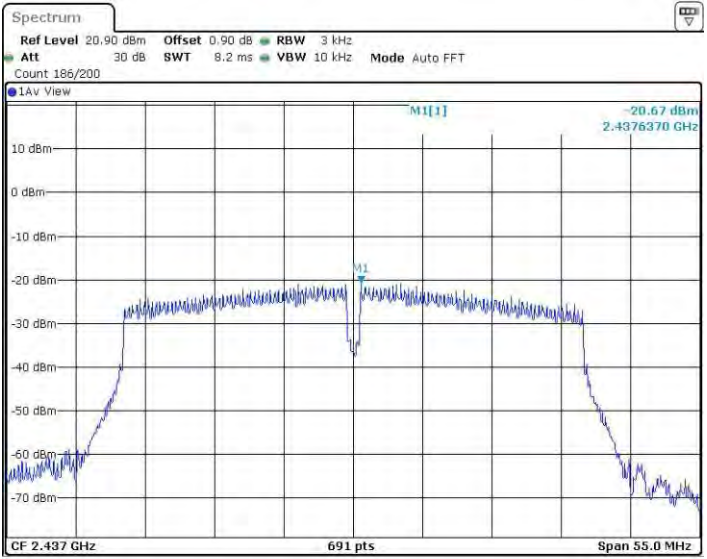
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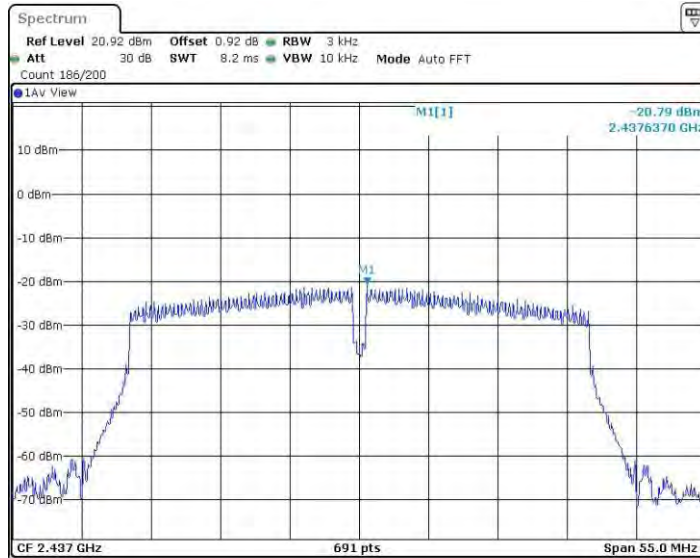


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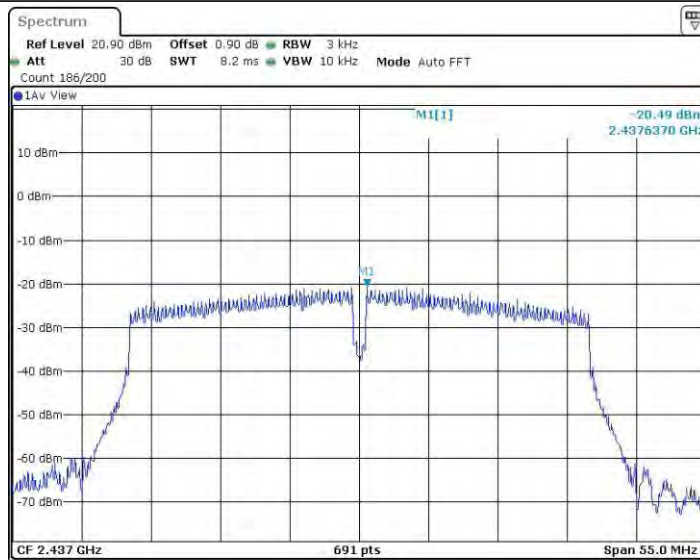


11N40SISO_Ant2_2437

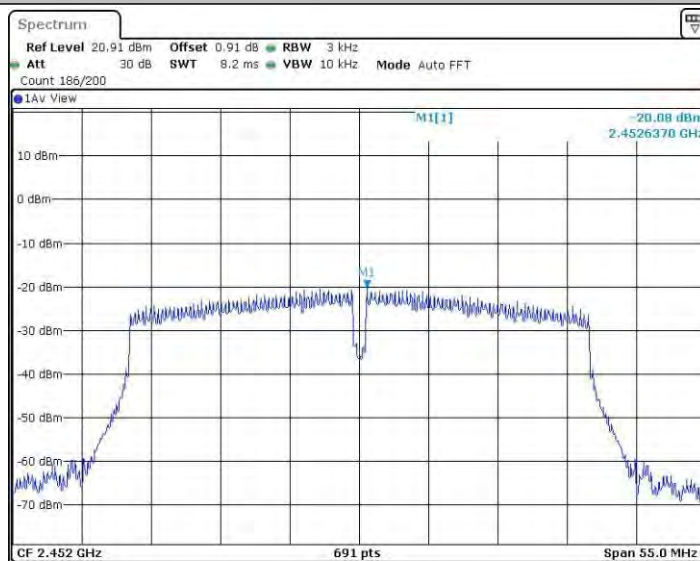
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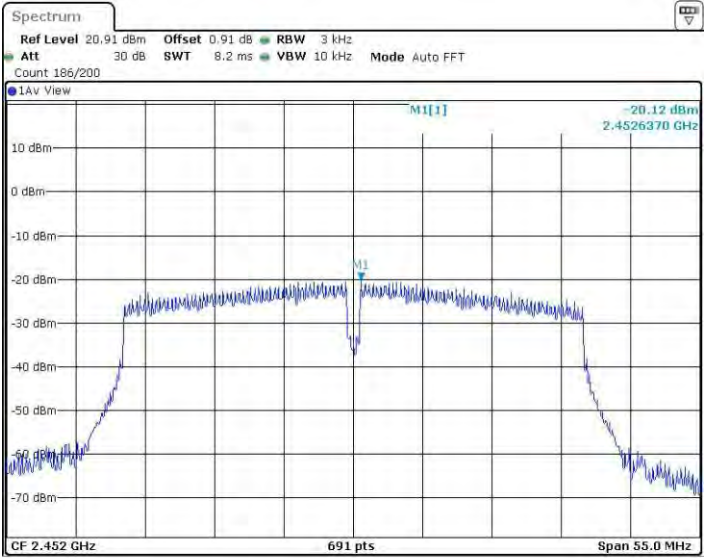


11N40SISO_Ant4_2437

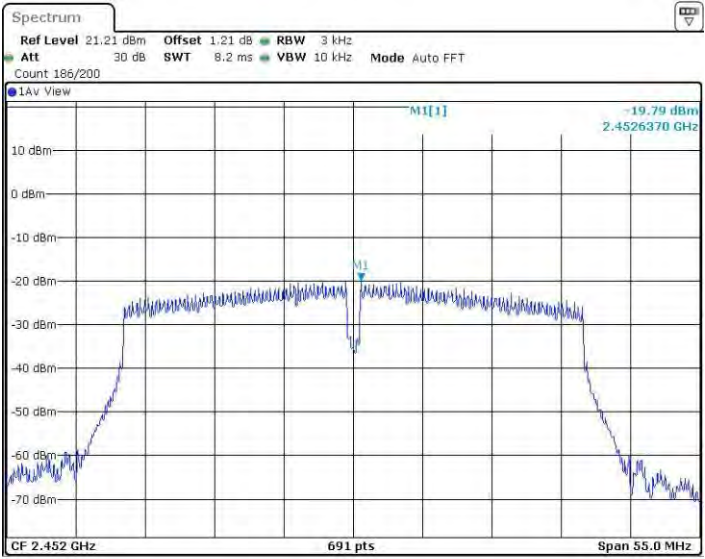


11N40SISO_Ant1_2452

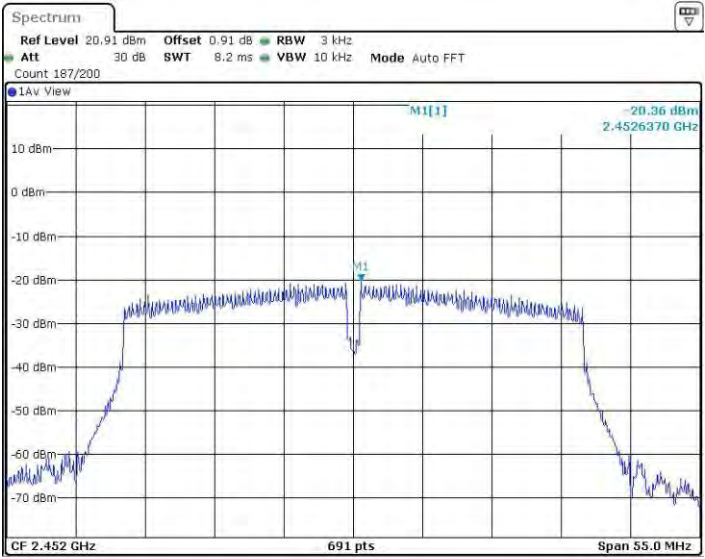
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11N40SISO_Ant2_2452

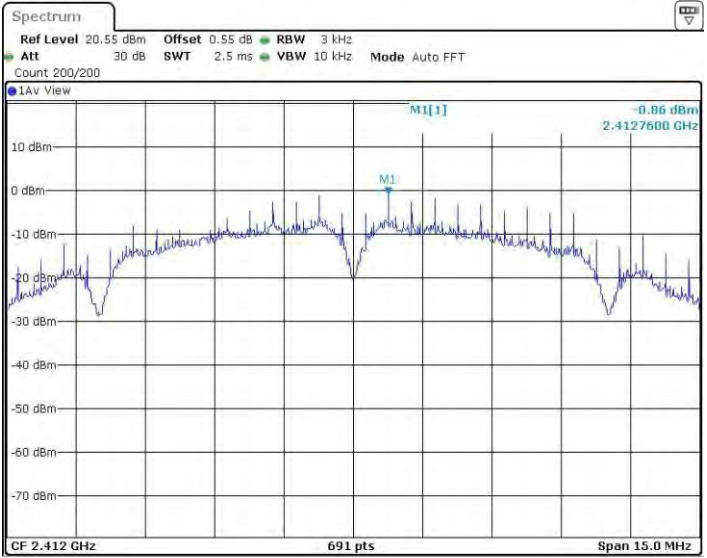


11N40SISO_Ant3_2452

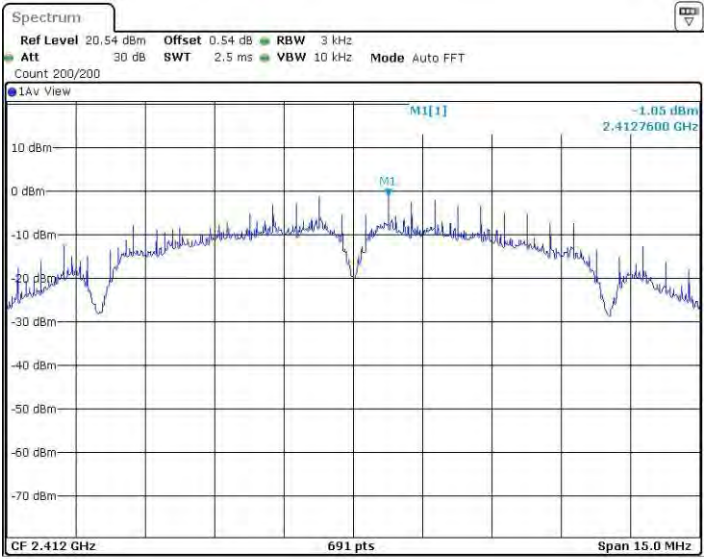


11N40SISO_Ant4_2452

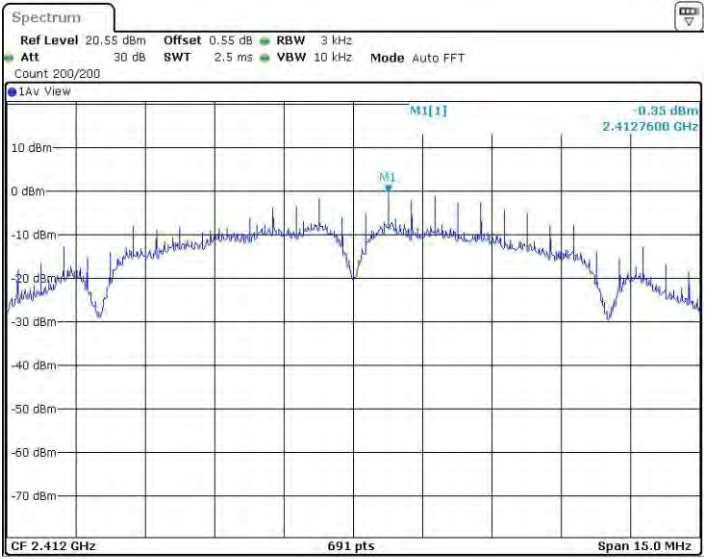
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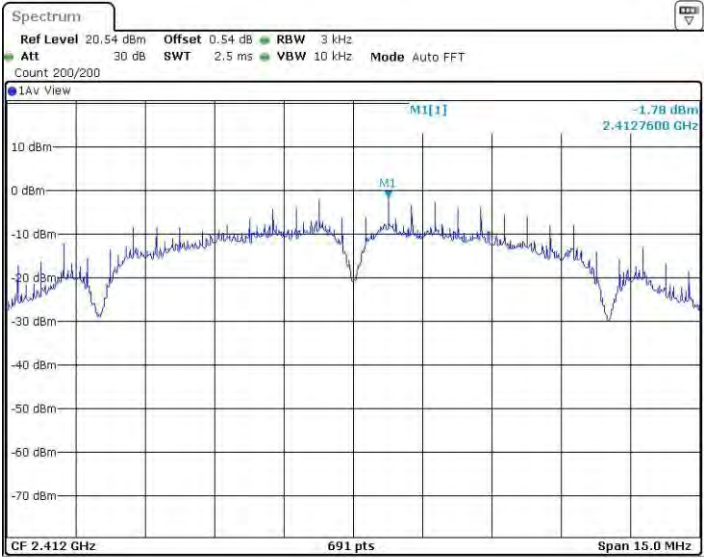
11BSISO_Ant1_2412



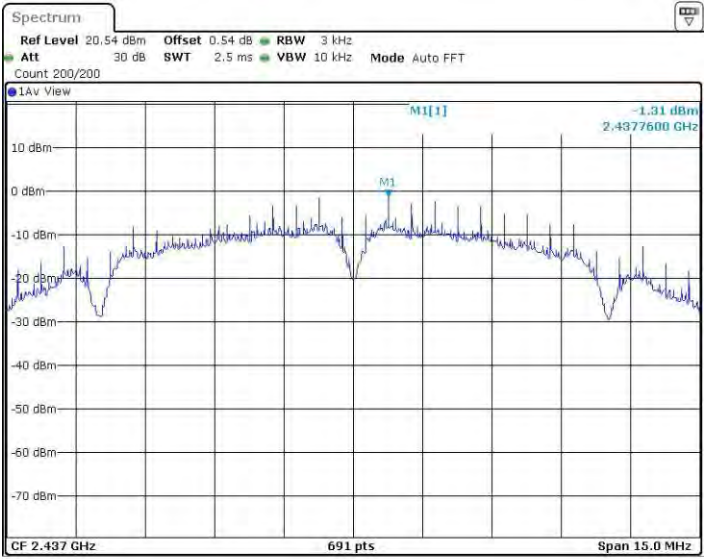
11BSISO_Ant2_2412



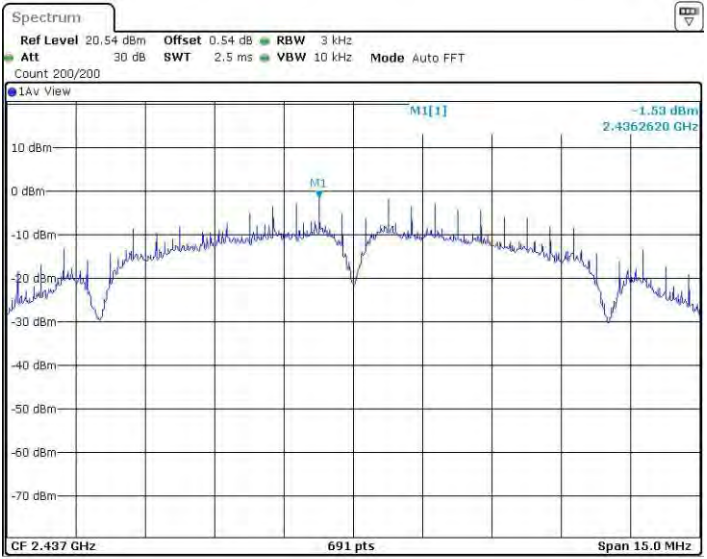
11BSISO_Ant3_2412



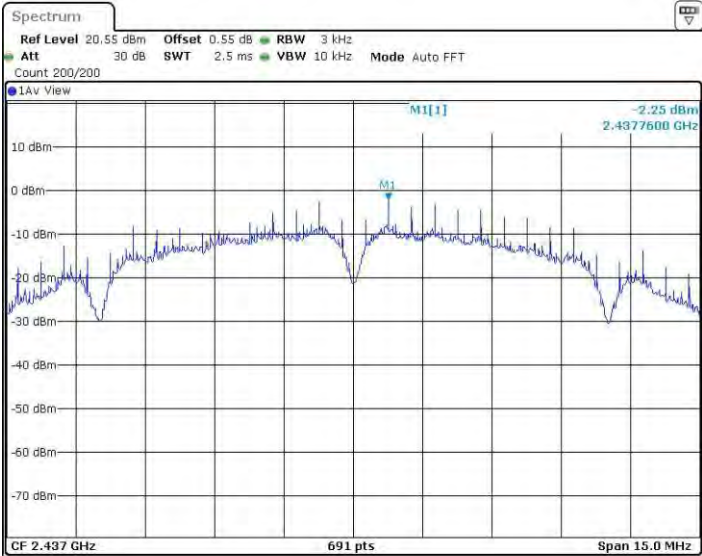
11BSISO_Ant4_2412



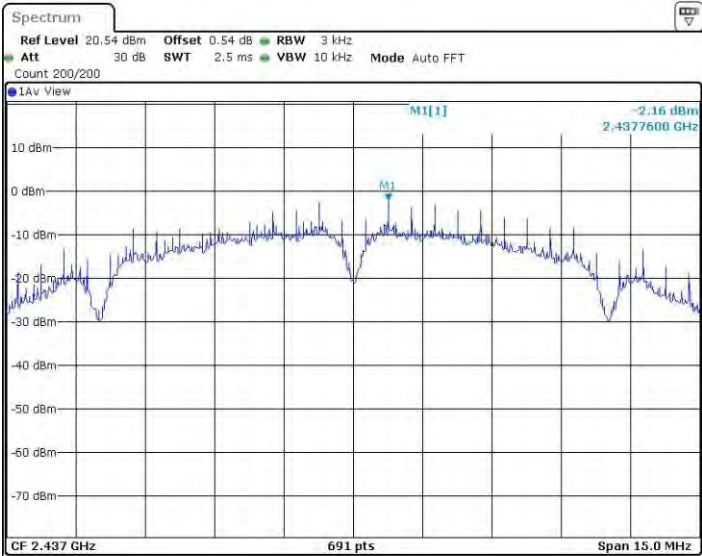
11BSISO_Ant1_2437



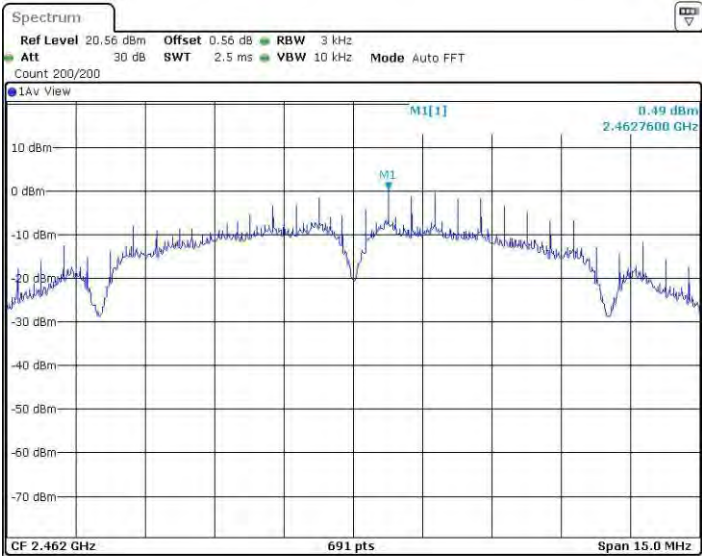
11BSISO_Ant2_2437



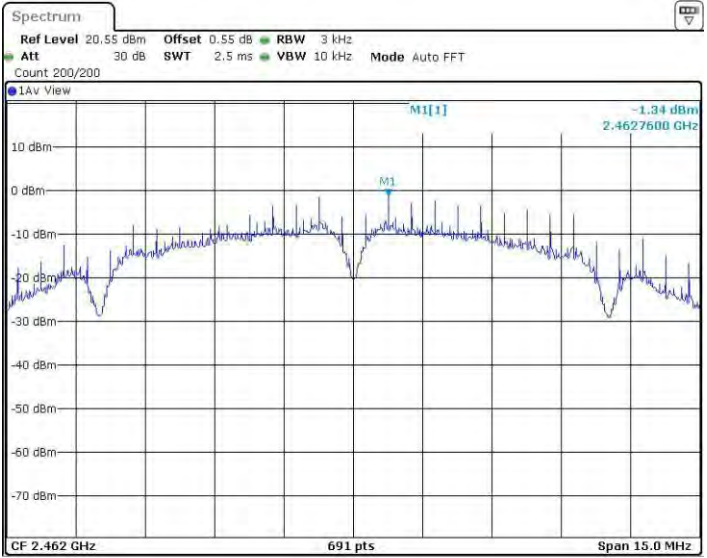
11BSISO_Ant3_2437



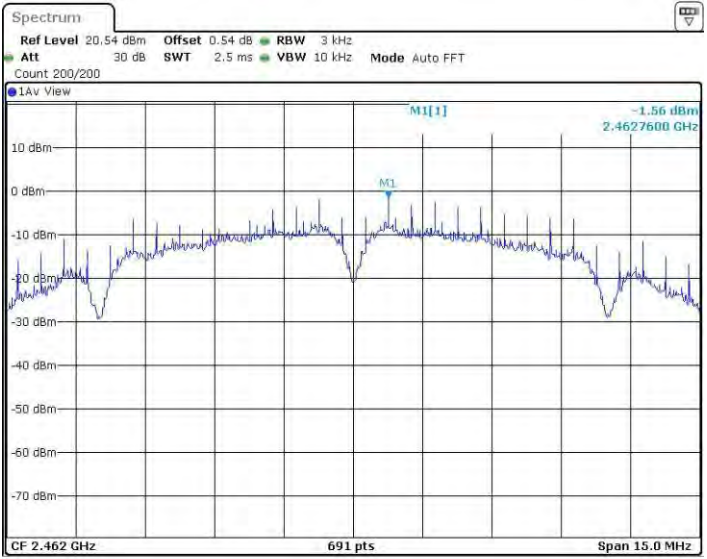
11BSISO_Ant4_2437



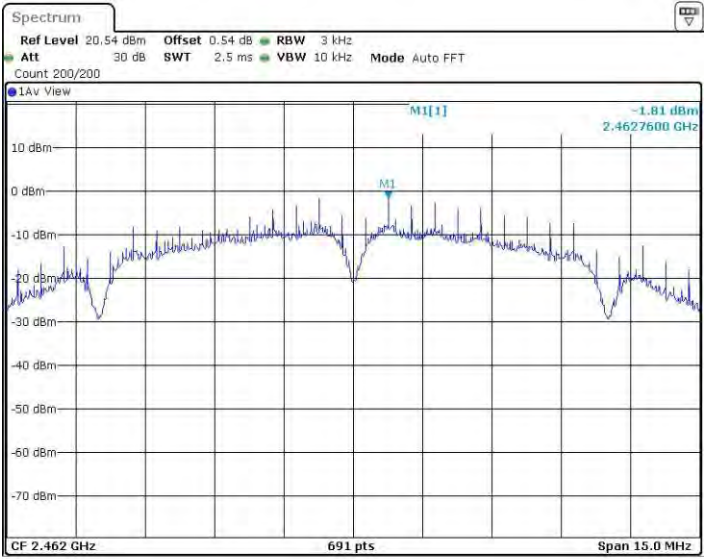
11BSISO_Ant1_2462



11BSISO_Ant2_2462

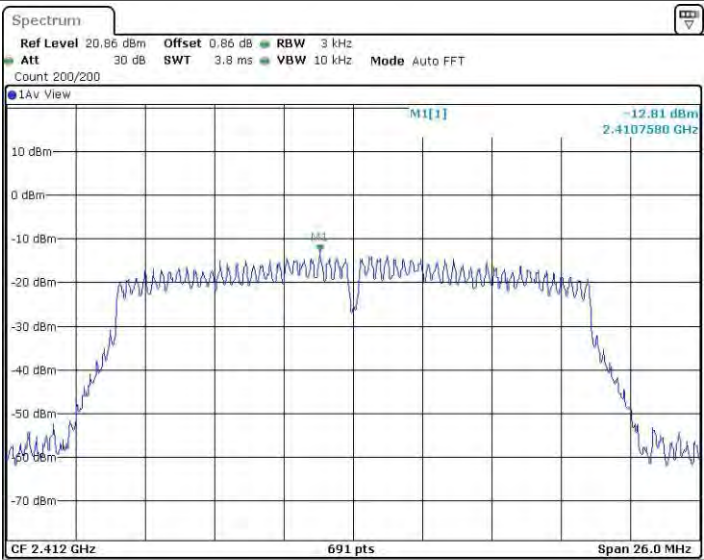


11BSISO_Ant3_2462

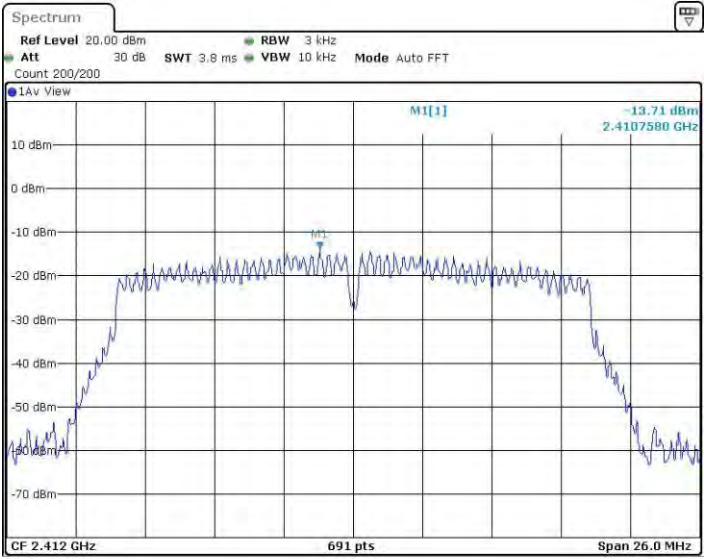


11BSISO_Ant4_2462

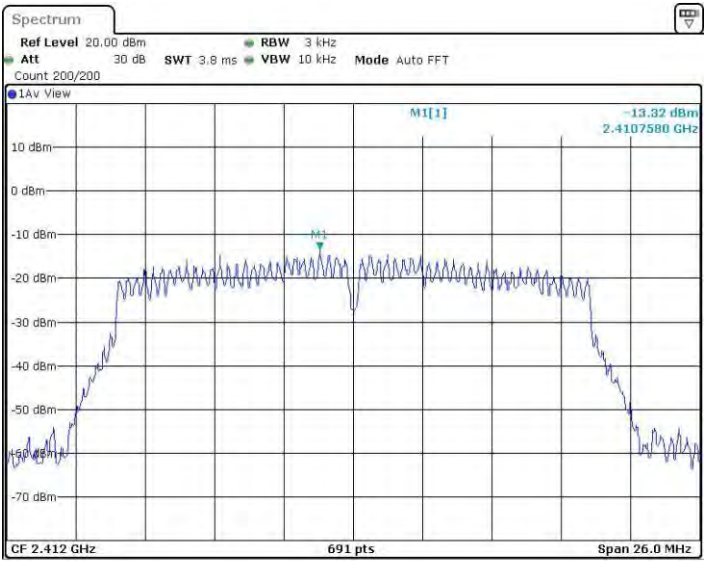
MIMO & Beamforming Mode



11N20MIMO_Ant1_2412

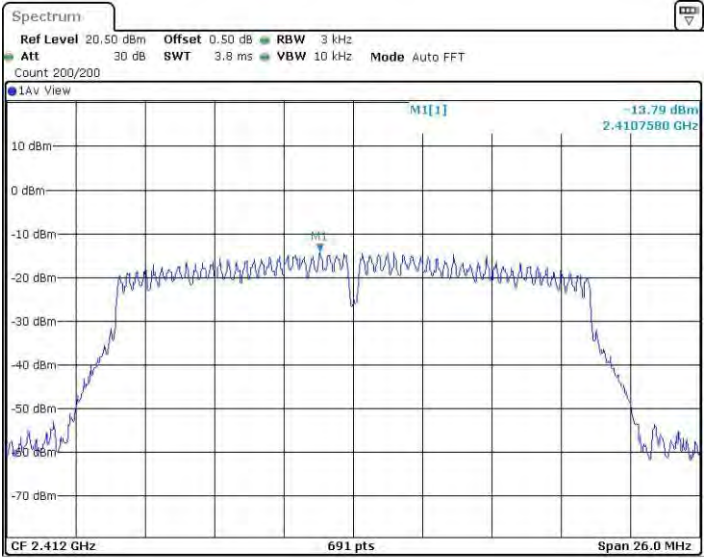


11N20MIMO_Ant2_2412

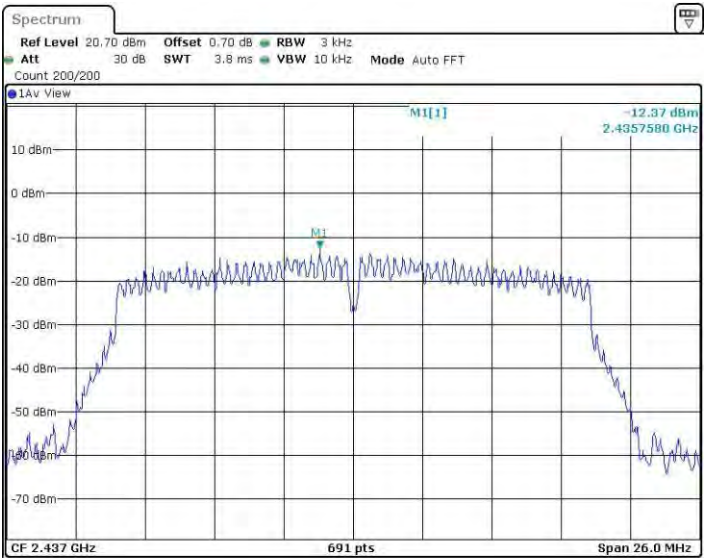


11N20MIMO_Ant3_2412

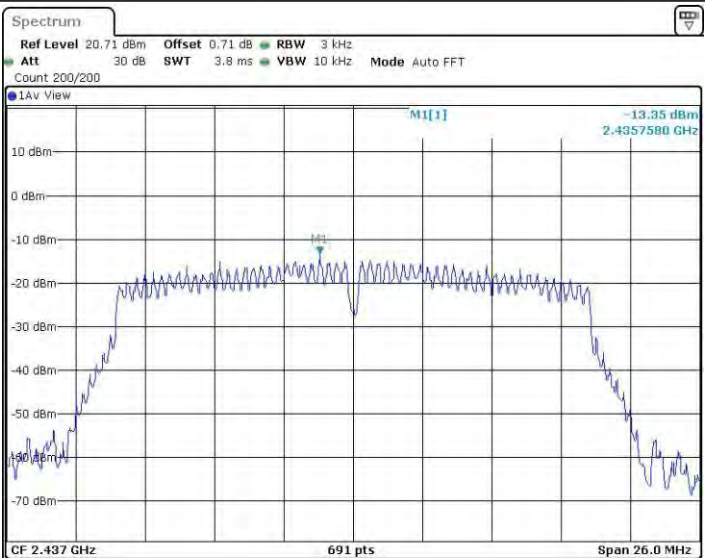
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11N20MIMO_Ant4_2412

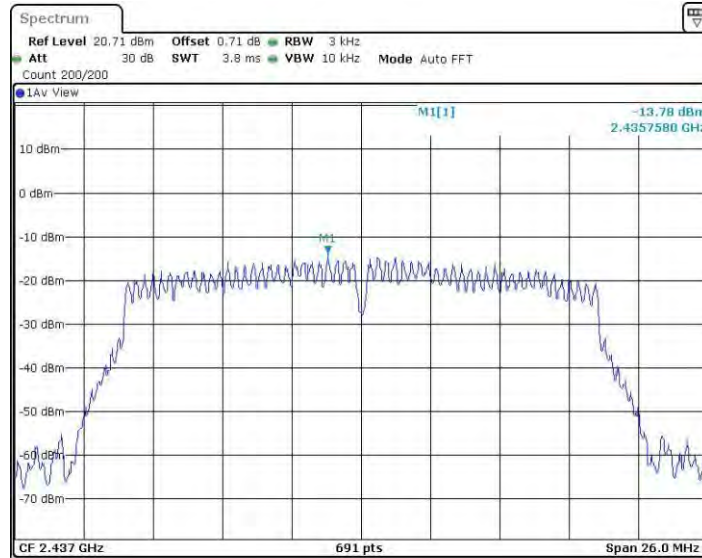


11N20MIMO_Ant1_2437

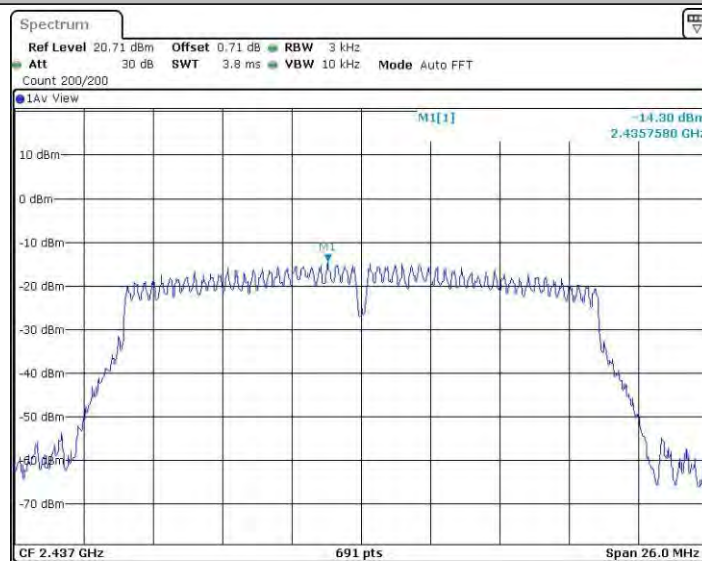


11N20MIMO_Ant2_2437

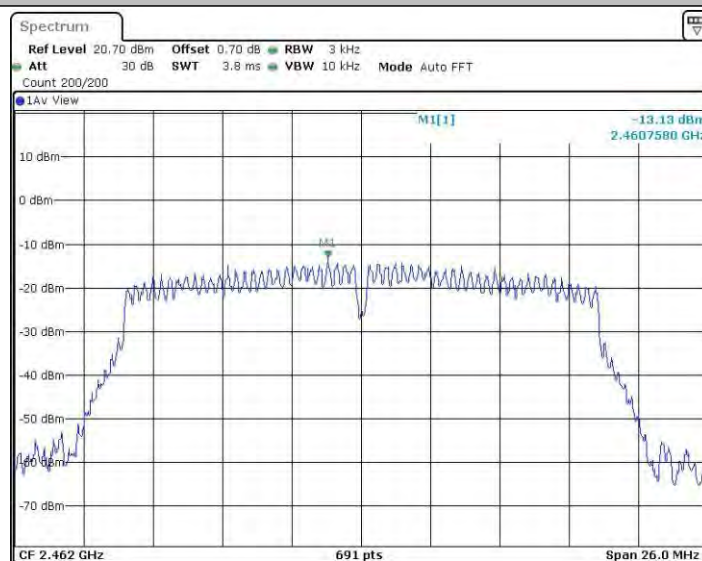
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11N20MIMO_Ant3_2437

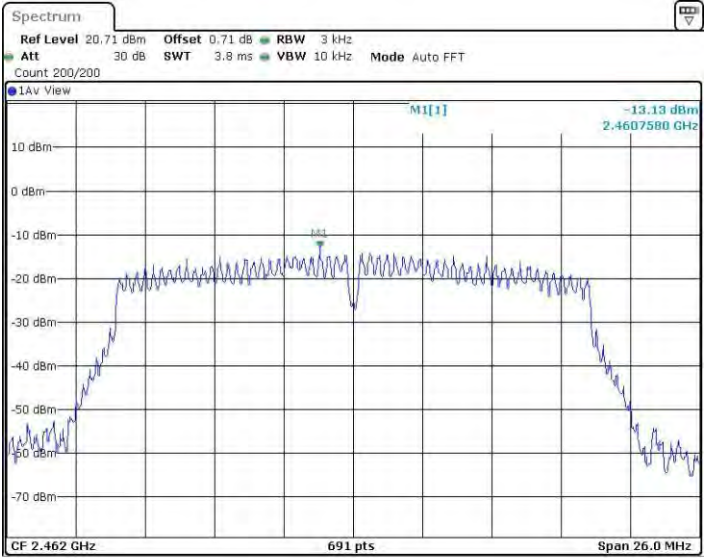


11N20MIMO_Ant4_2437

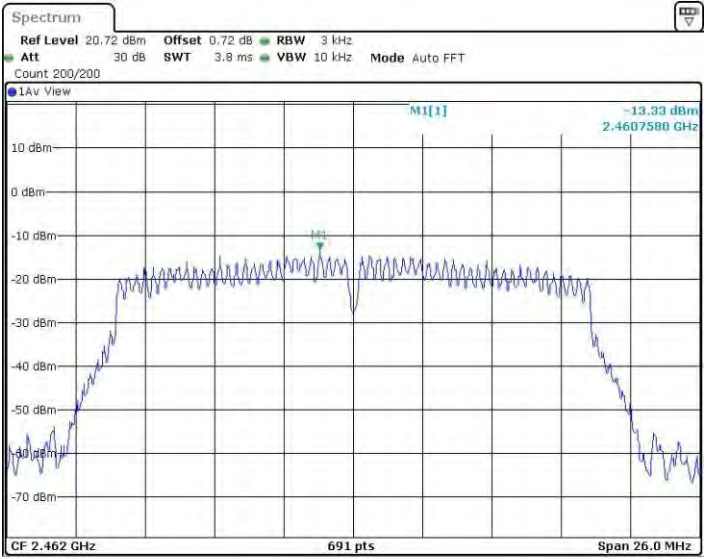


11N20MIMO_Ant1_2462

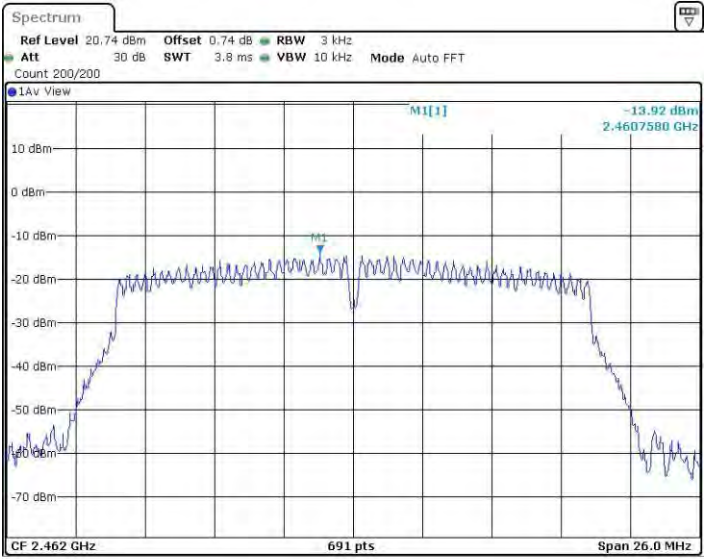
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11N20MIMO_Ant2_2462

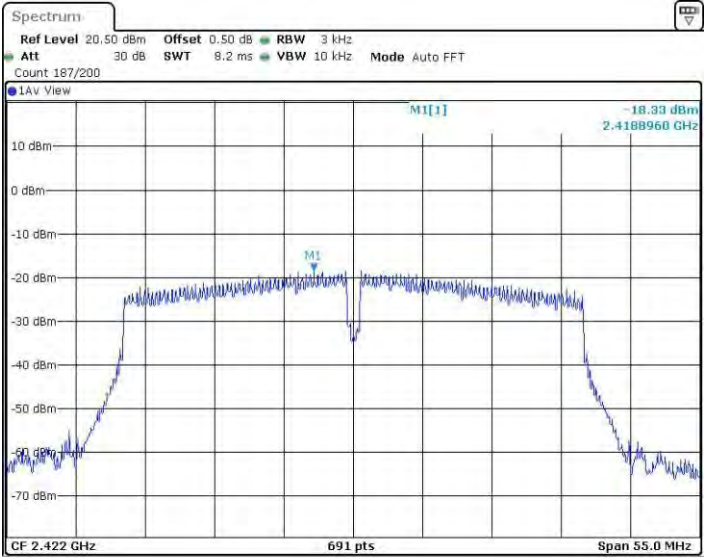


11N20MIMO_Ant3_2462

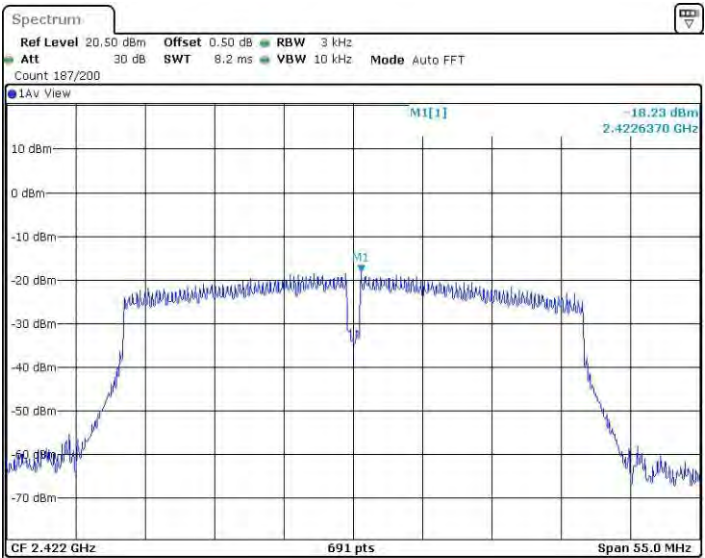


11N20MIMO_Ant4_2462

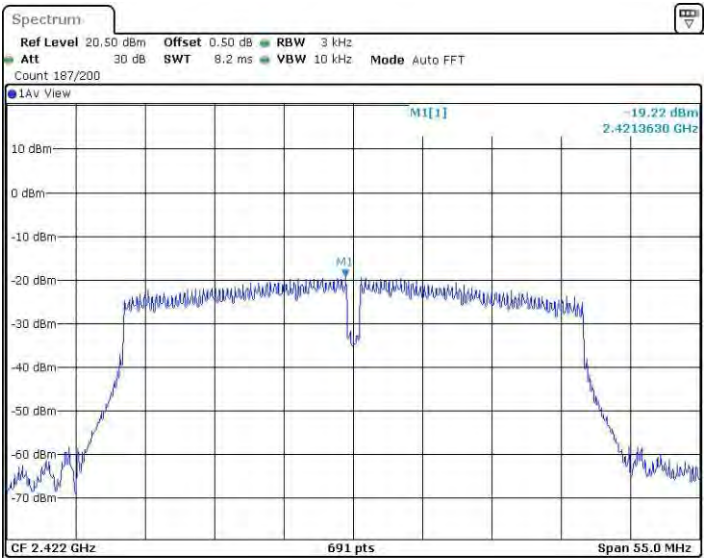
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11N40MIMO_Ant1_2422

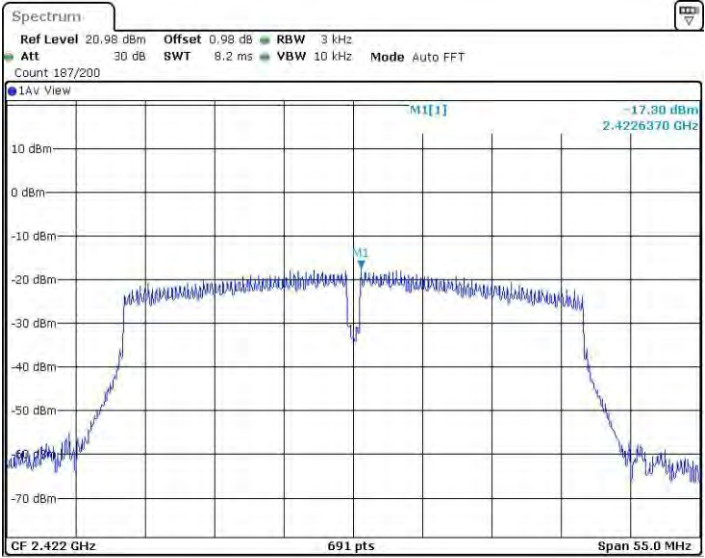


11N40MIMO_Ant2_2422

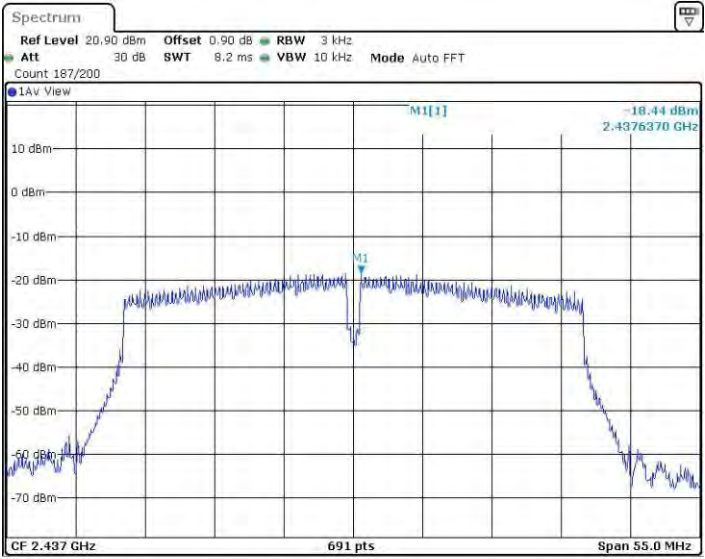


11N40MIMO_Ant3_2422

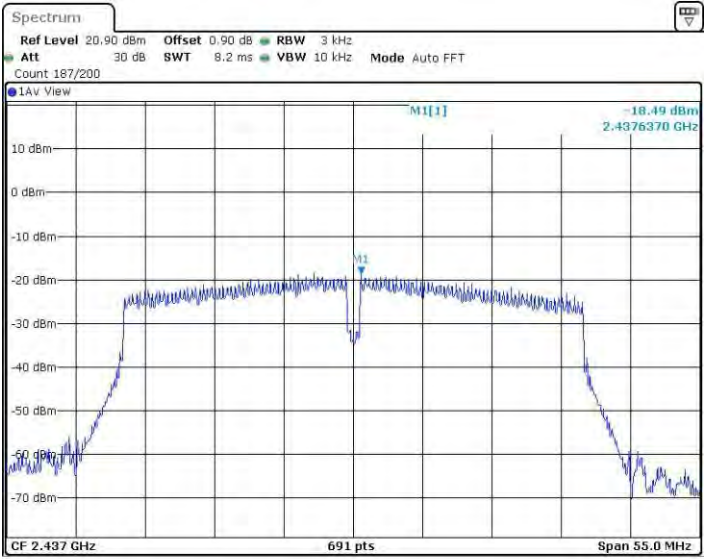
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11N40MIMO_Ant4_2422

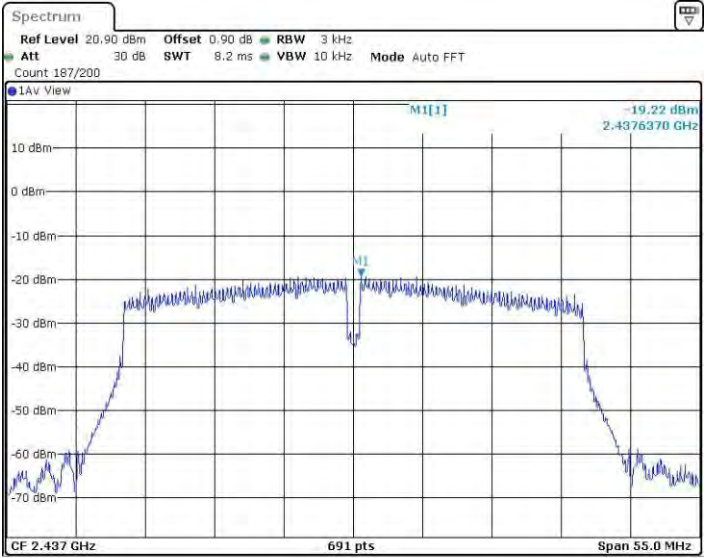


11N40MIMO_Ant1_2437

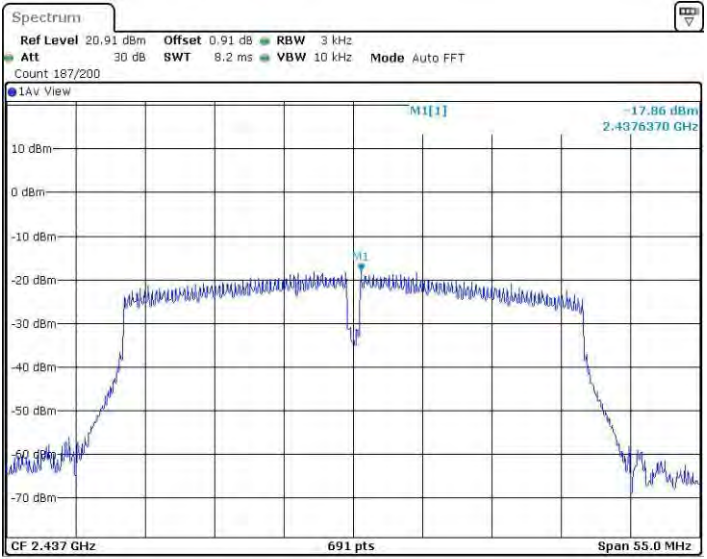


11N40MIMO_Ant2_2437

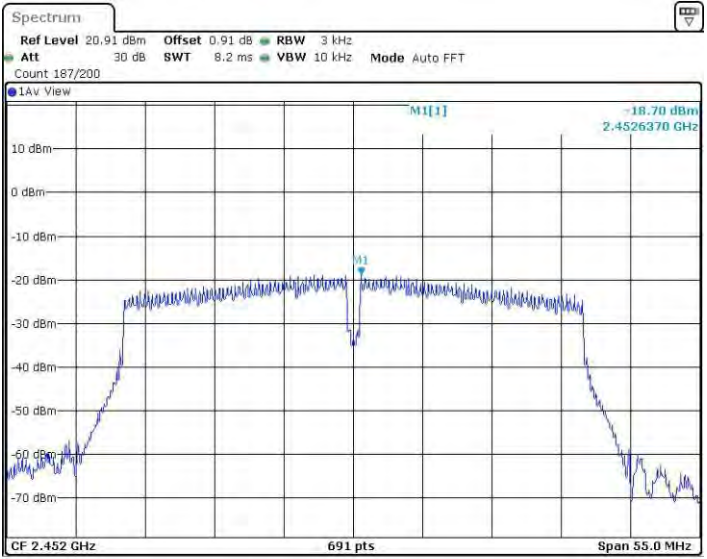
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11N40MIMO_Ant3_2437

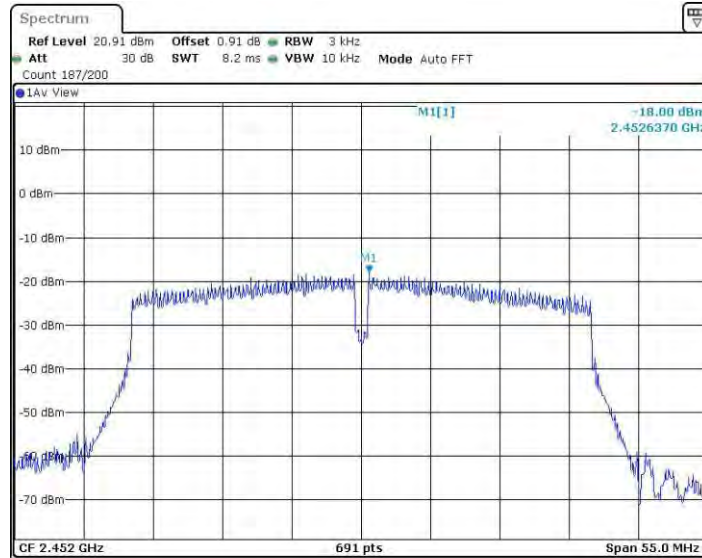


11N40MIMO_Ant4_2437

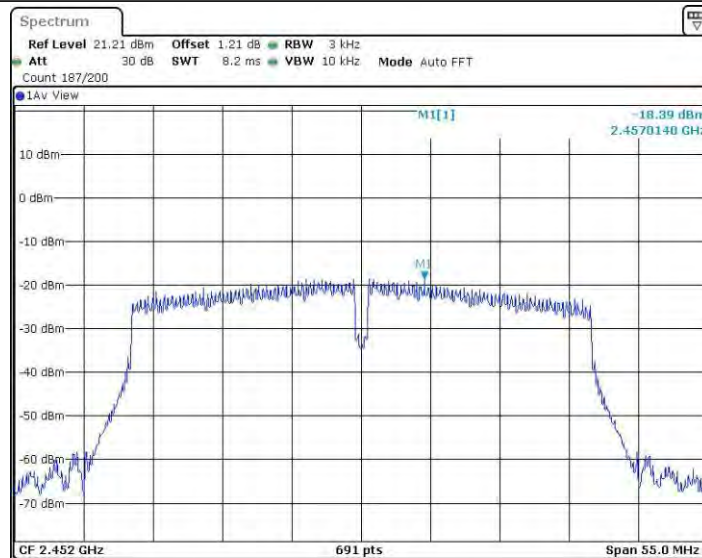


11N40MIMO_Ant1_2452

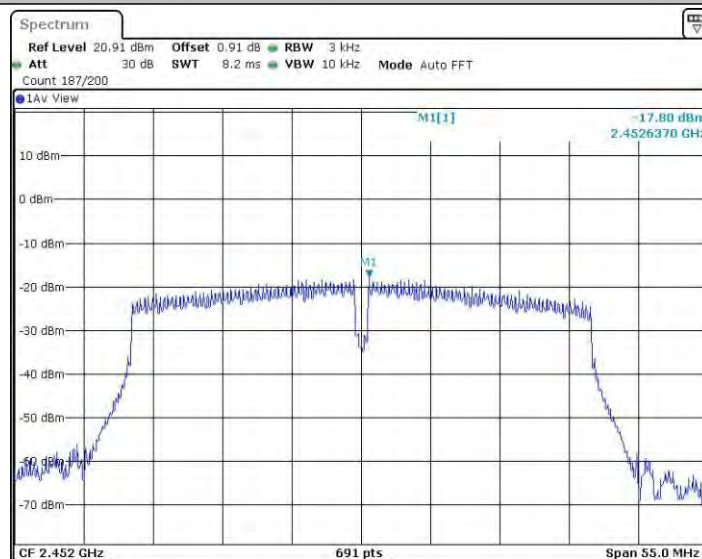
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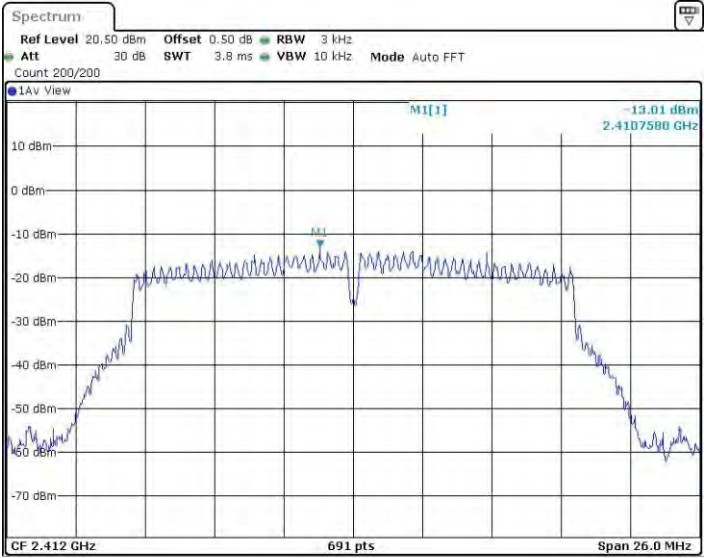
11N40MIMO_Ant2_2452



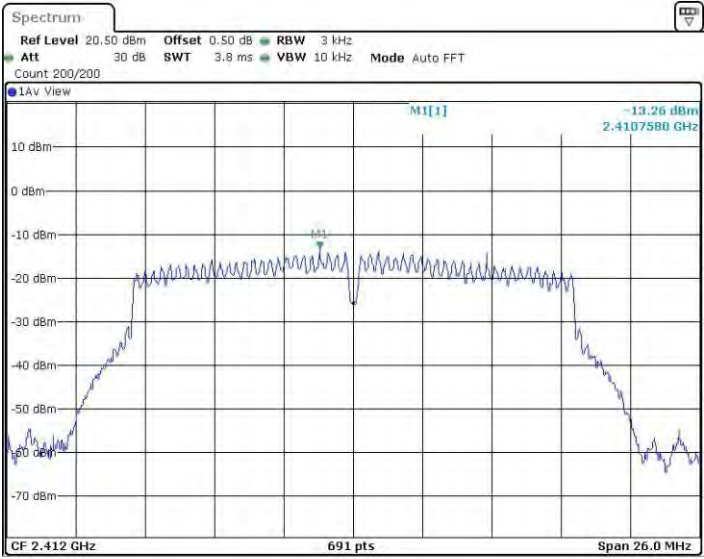
11N40MIMO_Ant3_2452



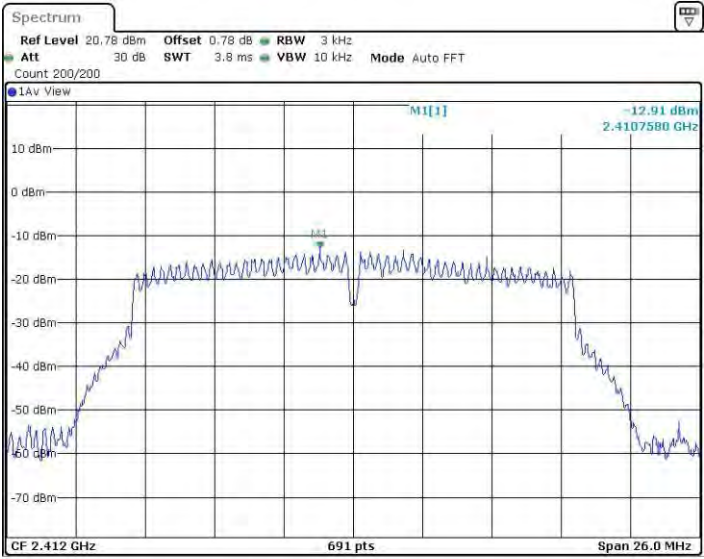
11N40MIMO_Ant4_2452



11G MIMO_Ant1_2412

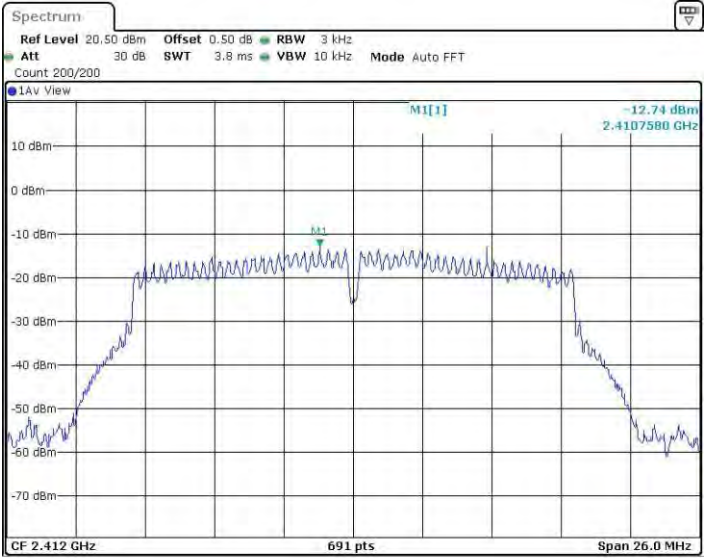


11G MIMO_Ant2_2412

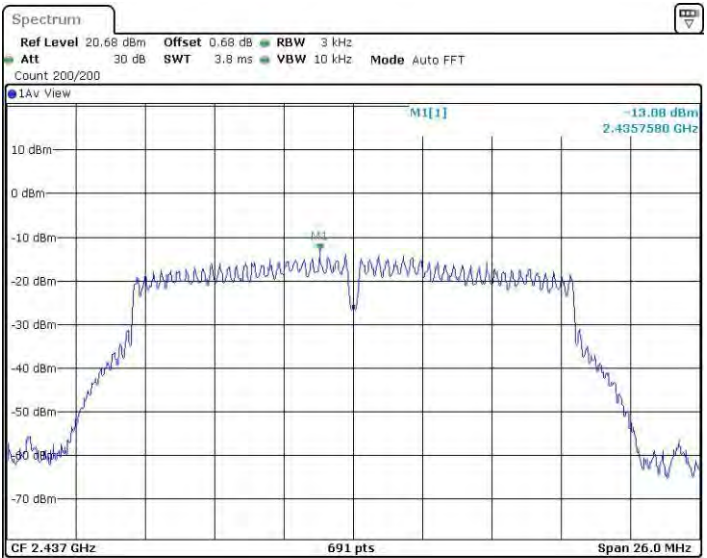


11G MIMO_Ant3_2412

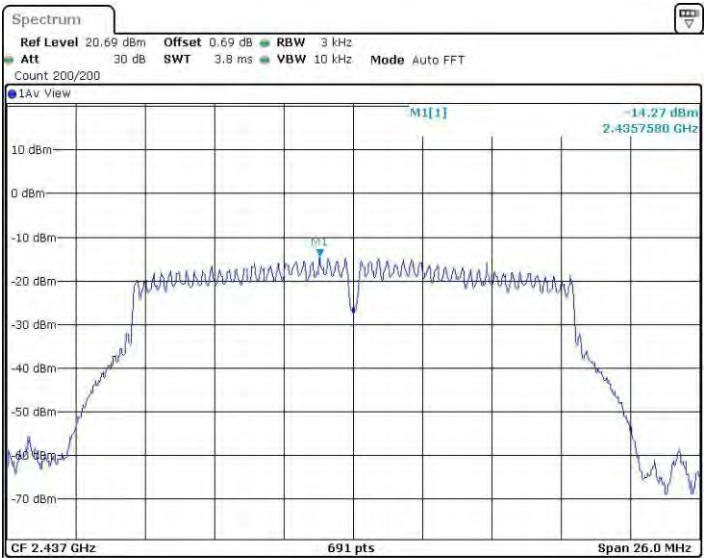
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11G MIMO_Ant4_2412

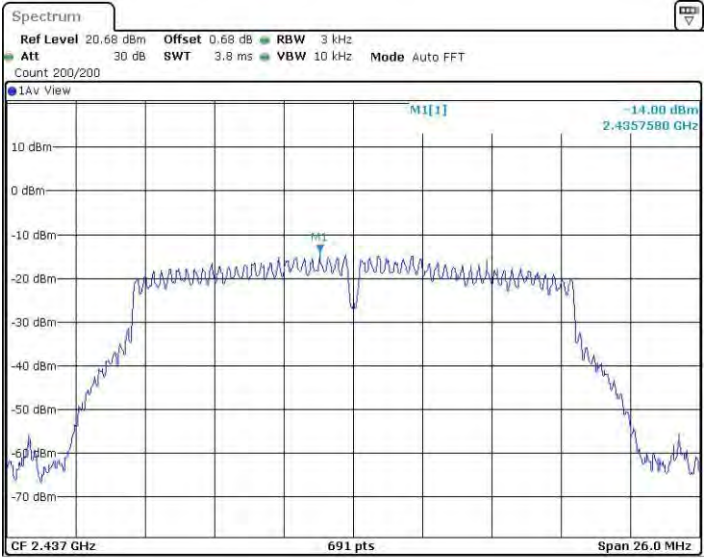


11G MIMO_Ant1_2437

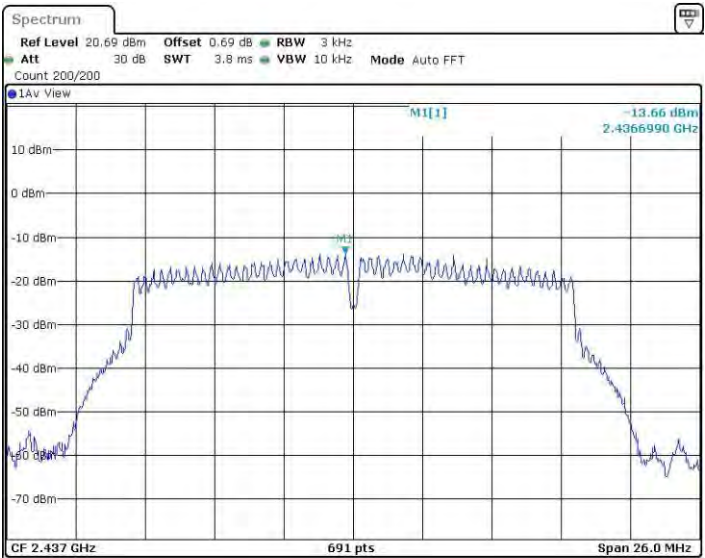


11G MIMO_Ant2_2437

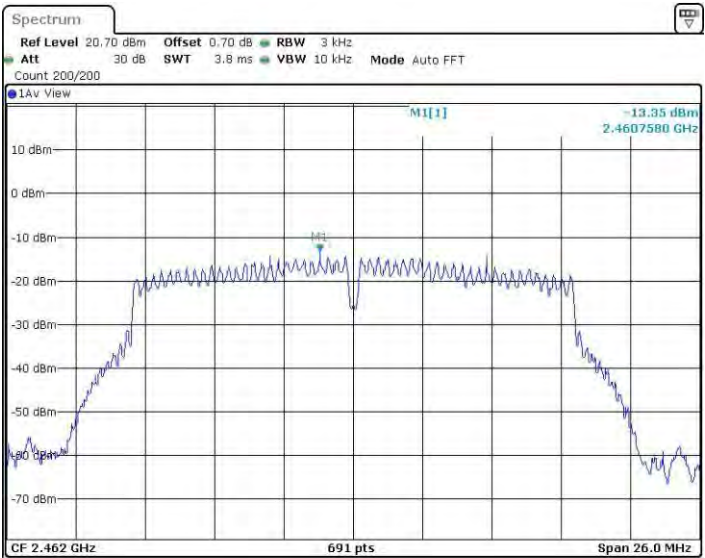
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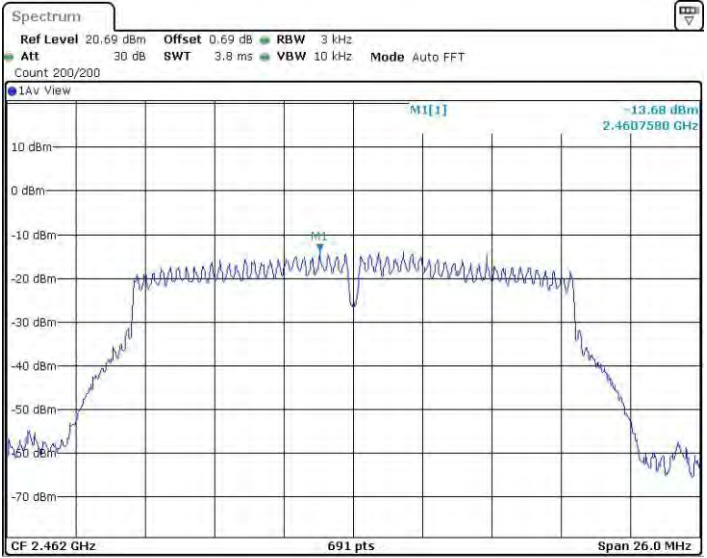
11G MIMO_Ant3_2437



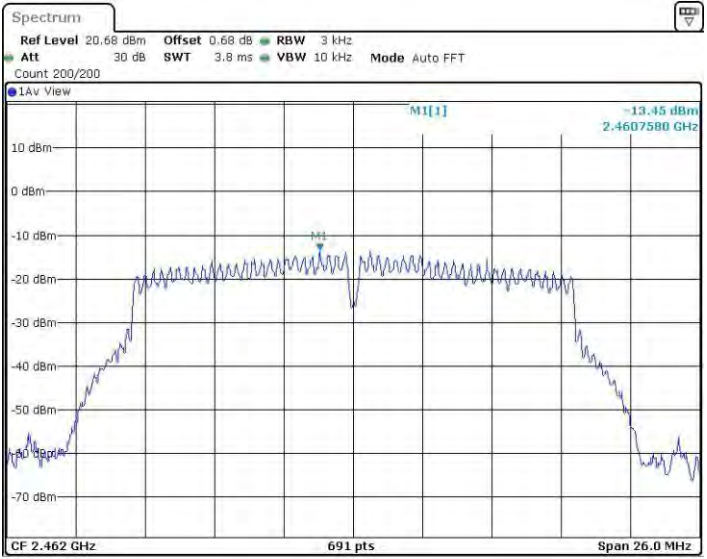
11G MIMO_Ant4_2437



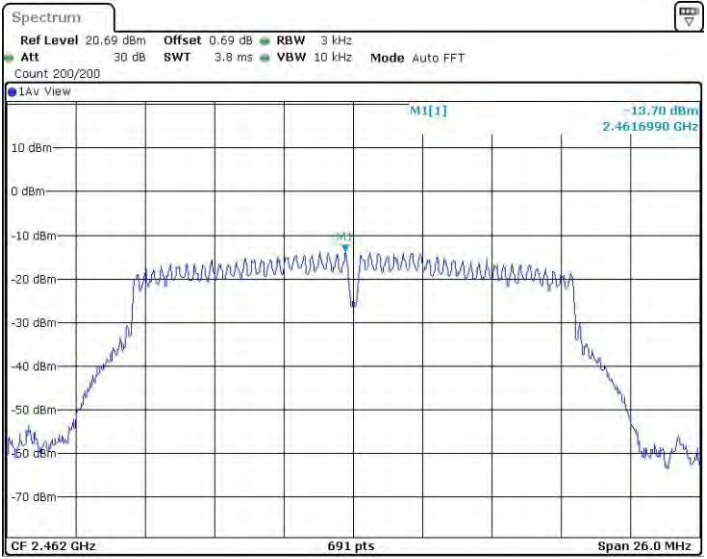
11G MIMO_Ant1_2462



11G MIMO_Ant2_2462



11G MIMO_Ant3_2462



11G MIMO_Ant4_2462

Appendix D: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11GSISO	Ant1	Low	2412	-38.75	<=-15.27	PASS
	Ant2	Low	2412	-39.11	<=-15.14	PASS
	Ant3	Low	2412	-40.86	<=-15.81	PASS
	Ant4	Low	2412	-39.63	<=-15.81	PASS
	Ant1	High	2462	-48.97	<=-16.26	PASS
	Ant2	High	2462	-48.97	<=-15.43	PASS
	Ant3	High	2462	-49.4	<=-16.09	PASS
	Ant4	High	2462	-49.75	<=-16.86	PASS
11N20SISO	Ant1	Low	2412	-39.1	<=-15.53	PASS
	Ant2	Low	2412	-37.89	<=-15.13	PASS
	Ant3	Low	2412	-40.58	<=-17.17	PASS
	Ant4	Low	2412	-39.72	<=-16.02	PASS
	Ant1	High	2462	-49.11	<=-16.38	PASS
	Ant2	High	2462	-47.69	<=-15.78	PASS
	Ant3	High	2462	-49.17	<=-16.63	PASS
	Ant4	High	2462	-50.01	<=-15.46	PASS
11N40SISO	Ant1	Low	2422	-34.61	<=-17.49	PASS
	Ant2	Low	2422	-35.54	<=-17.24	PASS
	Ant3	Low	2422	-39.07	<=-17.59	PASS
	Ant4	Low	2422	-35.97	<=-17.36	PASS
	Ant1	High	2452	-44.19	<=-17.05	PASS
	Ant2	High	2452	-41.22	<=-16.77	PASS
	Ant3	High	2452	-43.82	<=-16.81	PASS
	Ant4	High	2452	-44.06	<=-17.16	PASS
11BSISO	Ant1	Low	2412	-33.47	<=-6.16	PASS
	Ant2	Low	2412	-31.85	<=-6.31	PASS
	Ant3	Low	2412	-34.86	<=-6.76	PASS
	Ant4	Low	2412	-31.98	<=-7.06	PASS
	Ant1	High	2462	-48.22	<=-6.48	PASS
	Ant2	High	2462	-45.74	<=-6.67	PASS
	Ant3	High	2462	-48.62	<=-6.94	PASS
	Ant4	High	2462	-50.38	<=-7.14	PASS

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MIMO Mode

TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11N20MINO	Ant1	Low	2412	-45.86	<=-22.77	PASS
	Ant2	Low	2412	-46.61	<=-21.88	PASS
	Ant3	Low	2412	-46.43	<=-21.88	PASS
	Ant4	Low	2412	-44.92	<=-20.19	PASS
	Ant1	High	2462	-50.9	<=-22.52	PASS
	Ant2	High	2462	-53.99	<=-21.3	PASS
	Ant3	High	2462	-53.07	<=-22.17	PASS
	Ant4	High	2462	-50.61	<=-20.87	PASS
11N40MINO	Ant1	Low	2422	-40.87	<=-23.69	PASS
	Ant2	Low	2422	-43.39	<=-24.78	PASS
	Ant3	Low	2422	-45.44	<=-23.39	PASS
	Ant4	Low	2422	-44.22	<=-23.79	PASS
	Ant1	High	2452	-51.29	<=-24.03	PASS
	Ant2	High	2452	-51.86	<=-24.02	PASS
	Ant3	High	2452	-52.26	<=-23.09	PASS
	Ant4	High	2452	-52.3	<=-23.72	PASS
11BMINO	Ant1	Low	2412	-42.53	<=-11.34	PASS
	Ant2	Low	2412	-41.6	<=-12.26	PASS
	Ant3	Low	2412	-44.76	<=-12.24	PASS
	Ant4	Low	2412	-42.98	<=-11.32	PASS
	Ant1	High	2462	-51.19	<=-11.52	PASS
	Ant2	High	2462	-52.01	<=-12.2	PASS
	Ant4	High	2462	-51.98	<=-11.84	PASS
11GMINO	Ant1	Low	2412	-45.16	<=-22.3	PASS
	Ant2	Low	2412	-45.67	<=-22.27	PASS
	Ant3	Low	2412	-47.15	<=-22.44	PASS
	Ant4	Low	2412	-45.42	<=-21.2	PASS
	Ant1	High	2462	-51.49	<=-23.02	PASS
	Ant2	High	2462	-53.75	<=-21.47	PASS
	Ant3	High	2462	-52.88	<=-23.6	PASS
	Ant4	High	2462	-52.7	<=-21.85	PASS
11BMIMO	Ant3	High	2462	-52.96	<=-11.96	PASS

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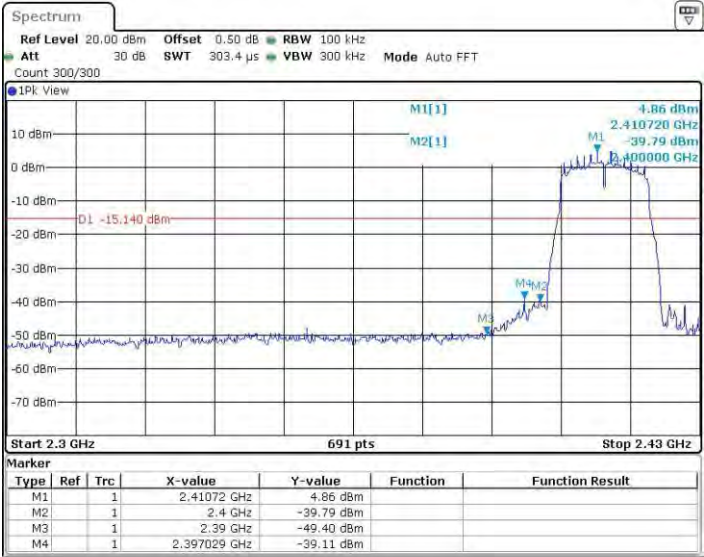
Beamforming Mode

TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11GBF	Ant1	Low	2412	-45.64	<=-32.03	PASS
	Ant2	Low	2412	-46.27	<=-33.95	PASS
	Ant3	Low	2412	-46.31	<=-32.22	PASS
	Ant4	Low	2412	-46.53	<=-31.67	PASS
	Ant1	High	2462	-51.48	<=-33.58	PASS
	Ant2	High	2462	-53.54	<=-31.51	PASS
	Ant3	High	2462	-52.91	<=-31.65	PASS
	Ant4	High	2462	-53.19	<=-31.89	PASS
11N20BF	Ant1	Low	2412	-46.63	<=-32.7	PASS
	Ant2	Low	2412	-47.16	<=-35.91	PASS
	Ant3	Low	2412	-48.41	<=-33.61	PASS
	Ant4	Low	2412	-46.57	<=-35.55	PASS
	Ant1	High	2462	-53.87	<=-32.7	PASS
	Ant2	High	2462	-53.84	<=-32.59	PASS
	Ant3	High	2462	-51.87	<=-33.59	PASS
	Ant4	High	2462	-52.67	<=-33.59	PASS
11N40BF	Ant1	Low	2422	-44.77	<=-36.22	PASS
	Ant2	Low	2422	-46.46	<=-36.27	PASS
	Ant3	Low	2422	-46.37	<=-36.44	PASS
	Ant4	Low	2422	-47.78	<=-35.85	PASS
	Ant1	High	2452	-53.13	<=-36.46	PASS
	Ant2	High	2452	-53.48	<=-36.27	PASS
	Ant3	High	2452	-53.51	<=-35.77	PASS
	Ant4	High	2452	-53.71	<=-35.75	PASS
11BBF	Ant1	Low	2412	-43.77	<=-23.44	PASS
	Ant2	Low	2412	-44.51	<=-23.24	PASS
	Ant3	Low	2412	-45.8	<=-23.62	PASS
	Ant4	Low	2412	-43.78	<=-22.85	PASS
	Ant1	High	2462	-51.03	<=-23.75	PASS
	Ant2	High	2462	-52.8	<=-23.38	PASS
	Ant3	High	2462	-52.14	<=-23.26	PASS
	Ant4	High	2462	-53.1	<=-23.12	PASS

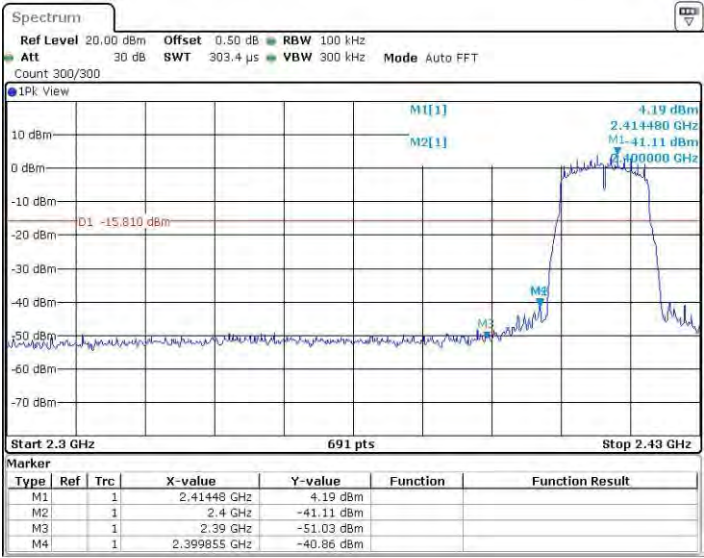
Test Graphs



11GSISO_Ant1_Low_2412



11GSISO_Ant2_Low_2412



11GSISO_Ant3_Low_2412