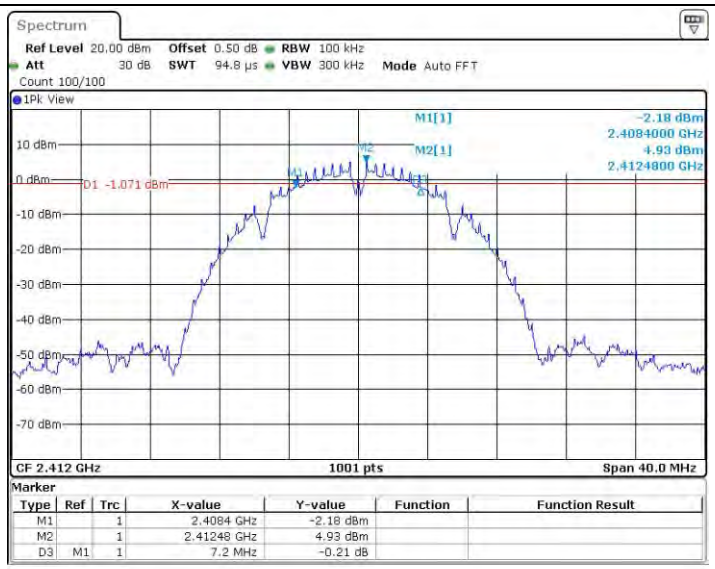
Appendix A1: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.200	2408.400	2415.600	0.5	PASS
	Ant2	2412	7.640	2408.400	2416.040	0.5	PASS
	Ant1	2437	7.200	2433.400	2440.600	0.5	PASS
	Ant2	2437	7.200	2433.400	2440.600	0.5	PASS
	Ant1	2462	7.200	2458.400	2465.600	0.5	PASS
	Ant2	2462	7.200	2458.400	2465.600	0.5	PASS
11G	Ant1	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant2	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant1	2437	15.400	2429.400	2444.800	0.5	PASS
	Ant2	2437	16.360	2428.840	2445.200	0.5	PASS
	Ant1	2462	15.200	2454.400	2469.600	0.5	PASS
	Ant2	2462	16.160	2454.040	2470.200	0.5	PASS
11N20SISO	Ant1	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant2	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant1	2437	16.040	2428.560	2444.600	0.5	PASS
	Ant2	2437	16.760	2428.440	2445.200	0.5	PASS
	Ant1	2462	15.520	2454.440	2469.960	0.5	PASS
	Ant2	2462	15.600	2454.200	2469.800	0.5	PASS
11N40SISO	Ant1	2422	33.920	2405.680	2439.600	0.5	PASS
	Ant2	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant1	2437	33.920	2420.680	2454.600	0.5	PASS
	Ant2	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant1	2452	33.920	2435.680	2469.600	0.5	PASS
	Ant2	2452	35.280	2434.400	2469.680	0.5	PASS
11AX20SISO	Ant1	2412	16.960	2403.440	2420.400	0.5	PASS
	Ant2	2412	16.040	2403.560	2419.600	0.5	PASS
	Ant1	2437	15.240	2429.360	2444.600	0.5	PASS
	Ant2	2437	18.080	2428.040	2446.120	0.5	PASS
	Ant1	2462	15.720	2454.400	2470.120	0.5	PASS
	Ant2	2462	18.040	2453.280	2471.320	0.5	PASS
11AX40SISO	Ant1	2422	35.440	2404.400	2439.840	0.5	PASS
	Ant2	2422	37.200	2403.440	2440.640	0.5	PASS
	Ant1	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant2	2437	36.960	2418.680	2455.640	0.5	PASS
	Ant1	2452	33.920	2435.680	2469.600	0.5	PASS
	Ant2	2452	37.200	2433.680	2470.880	0.5	PASS
11N20MIMO	Ant1	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant2	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant1	2437	16.360	2428.800	2445.160	0.5	PASS
	Ant2	2437	17.640	2428.160	2445.800	0.5	PASS

	Ant1	2462	16.080	2454.080	2470.160	0.5	PASS
	Ant2	2462	17.600	2453.200	2470.800	0.5	PASS
11N40MIMO	Ant1	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant2	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant1	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant2	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant1	2452	35.280	2434.400	2469.680	0.5	PASS
	Ant2	2452	35.280	2434.400	2469.680	0.5	PASS
11AX20MIMO	Ant1	2412	17.720	2403.120	2420.840	0.5	PASS
	Ant2	2412	15.400	2404.200	2419.600	0.5	PASS
	Ant1	2437	17.840	2428.320	2446.160	0.5	PASS
	Ant2	2437	16.080	2428.560	2444.640	0.5	PASS
	Ant1	2462	16.680	2454.200	2470.880	0.5	PASS
	Ant2	2462	17.120	2452.840	2469.960	0.5	PASS
11AX40MIMO	Ant1	2422	37.520	2403.120	2440.640	0.5	PASS
	Ant2	2422	37.200	2403.440	2440.640	0.5	PASS
	Ant1	2437	37.760	2418.120	2455.880	0.5	PASS
	Ant2	2437	36.480	2418.200	2454.680	0.5	PASS
	Ant1	2452	37.760	2433.120	2470.880	0.5	PASS
	Ant2	2452	37.200	2433.680	2470.880	0.5	PASS

Test Graphs



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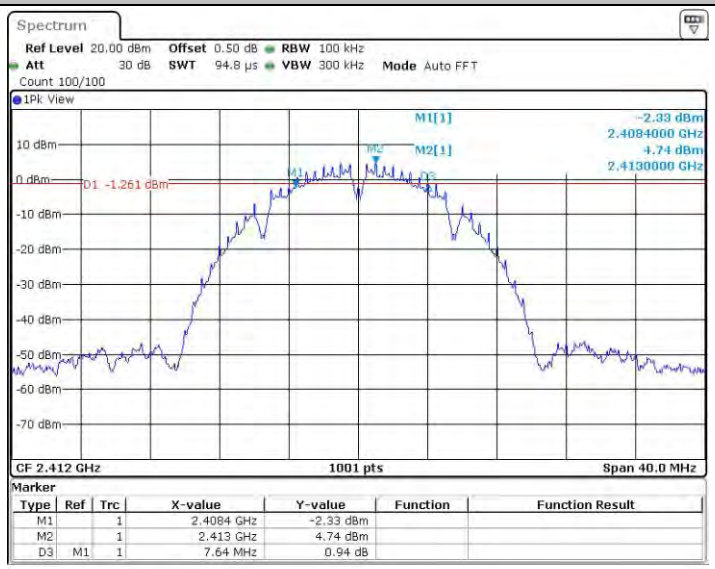

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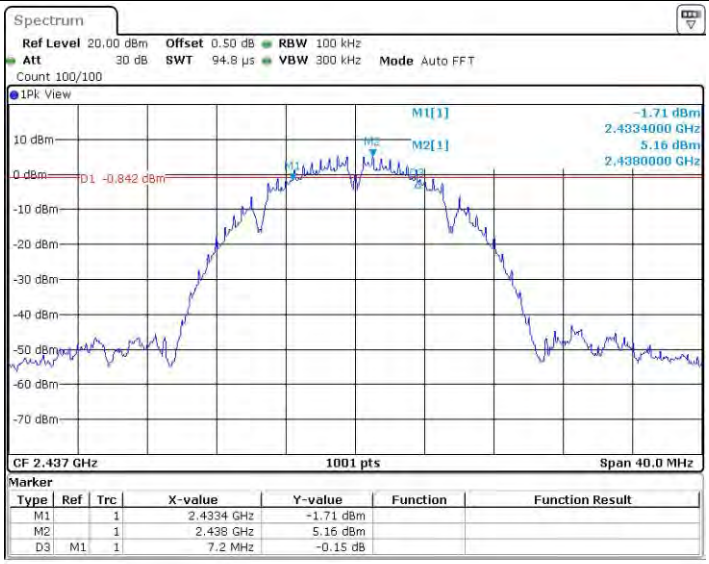

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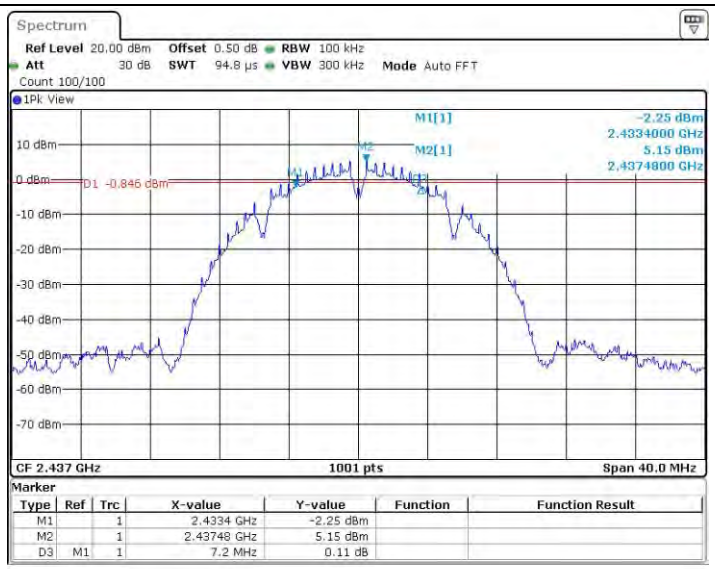

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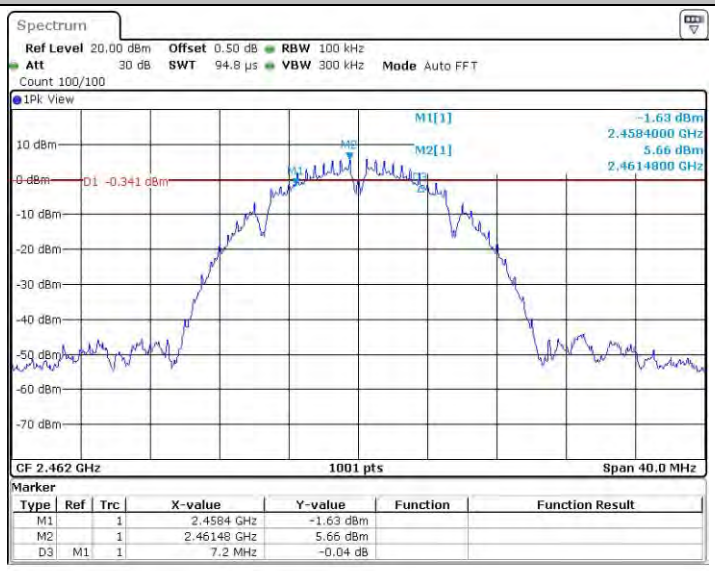

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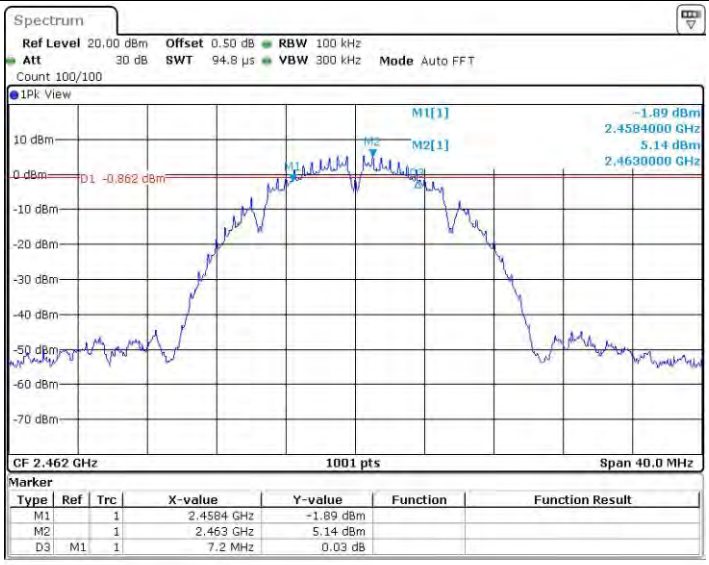

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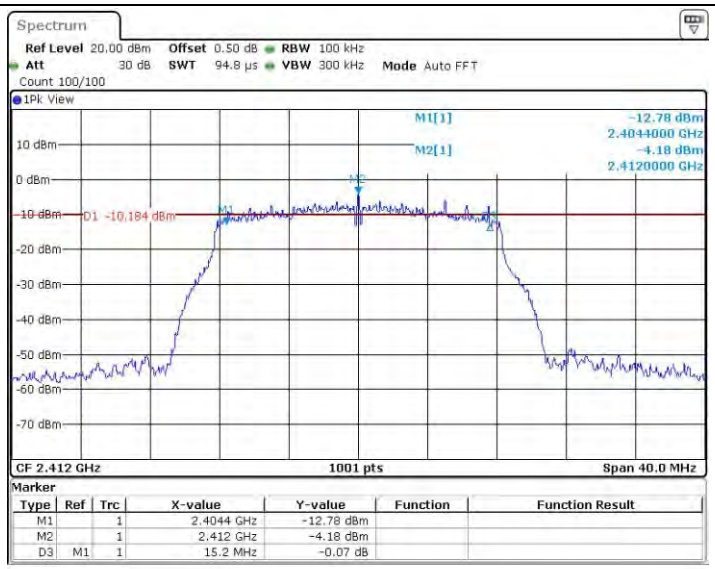

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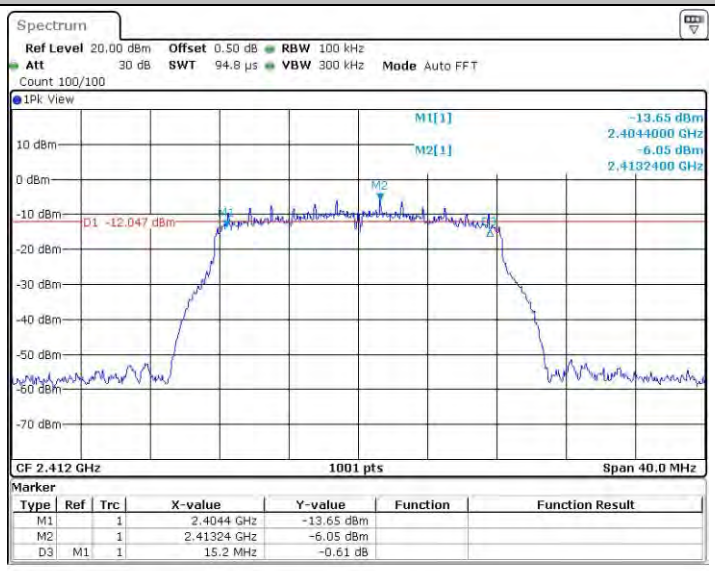

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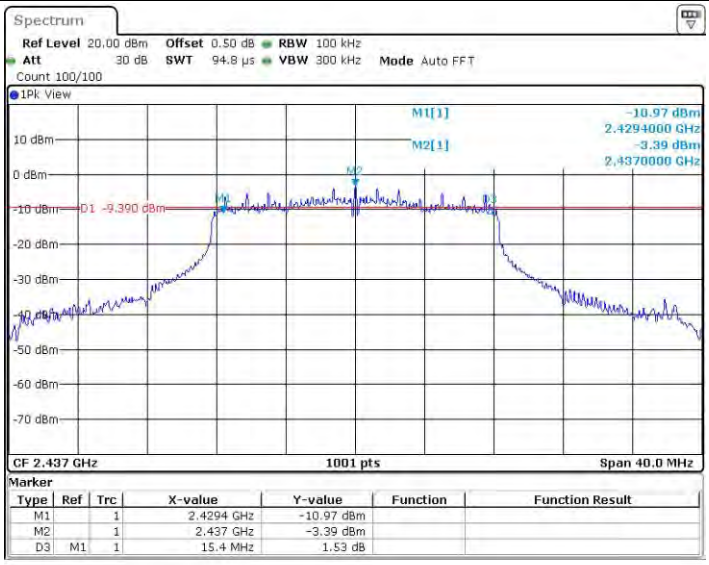

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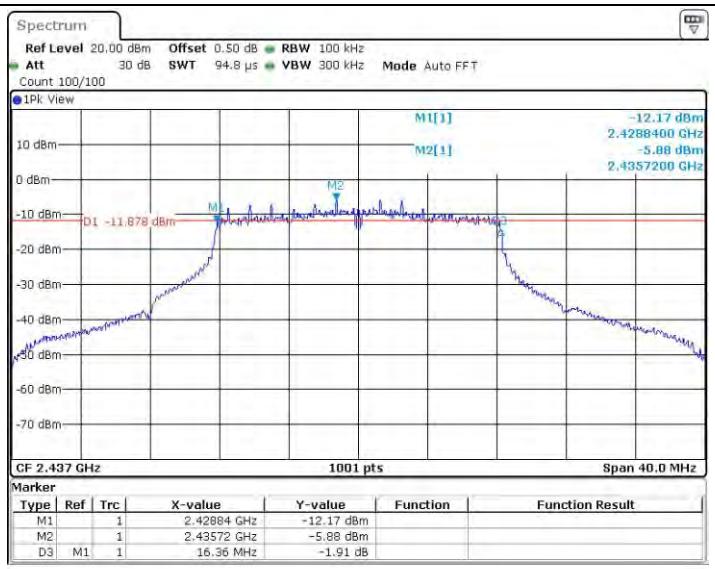

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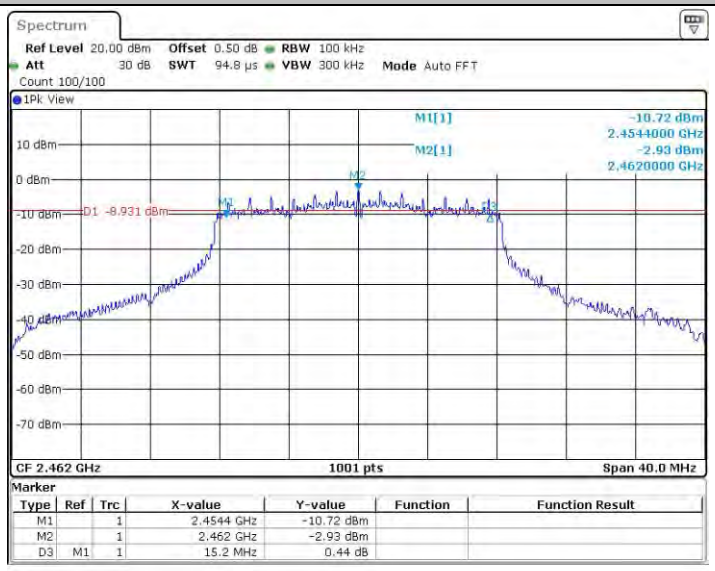

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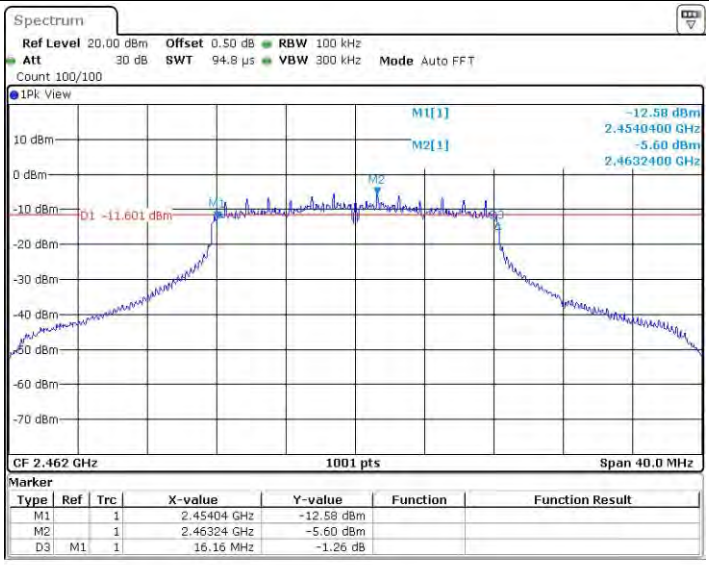

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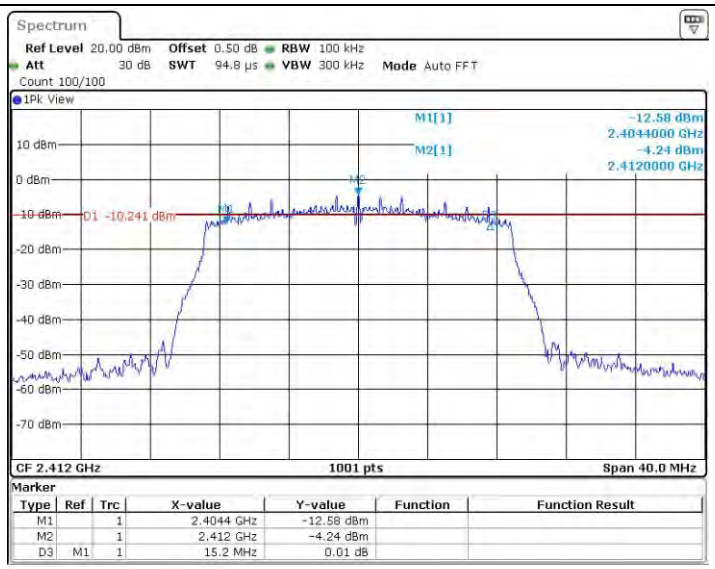

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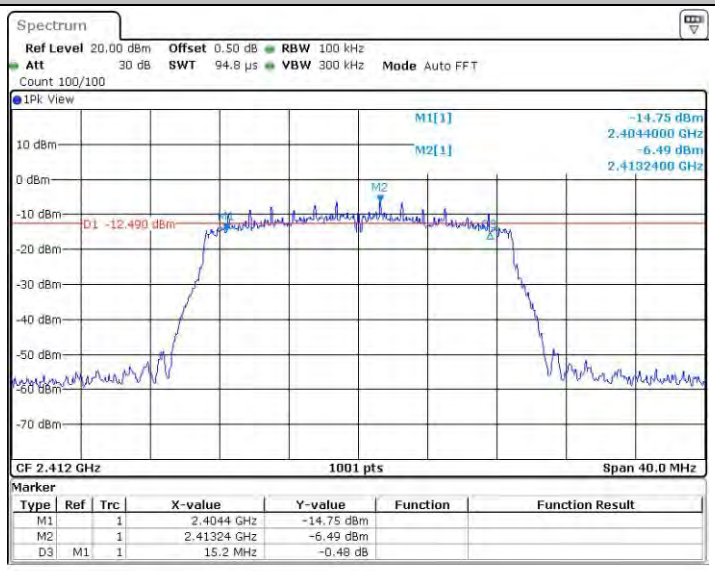

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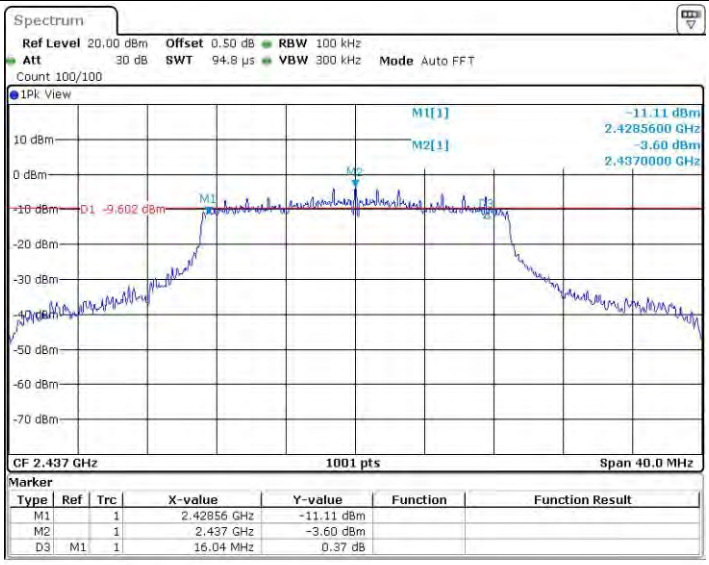

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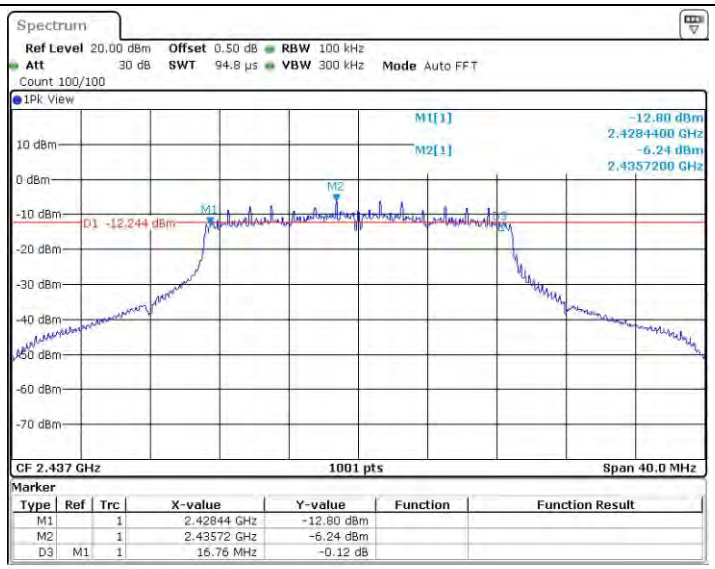

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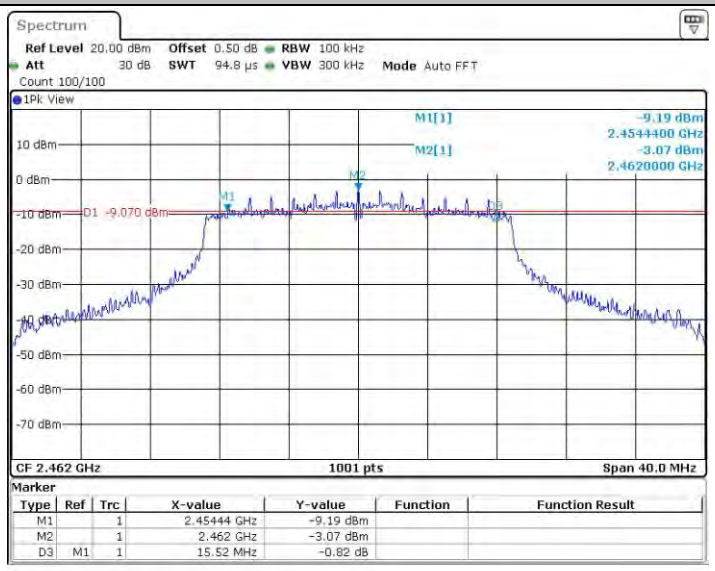

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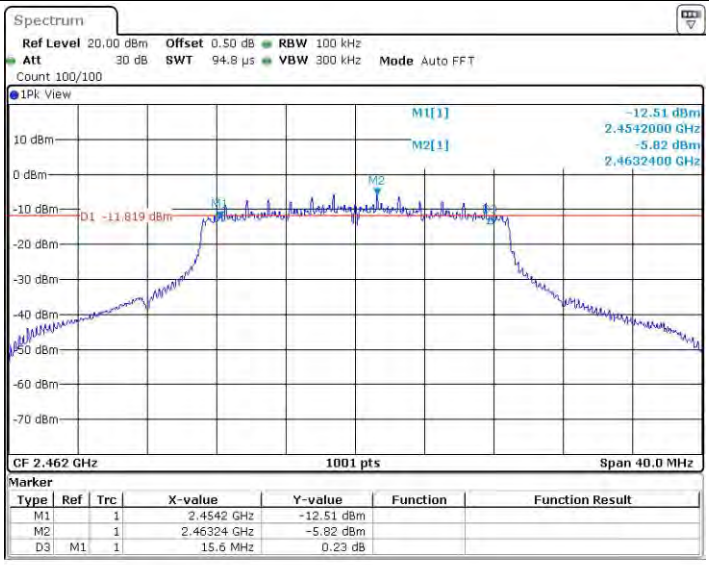

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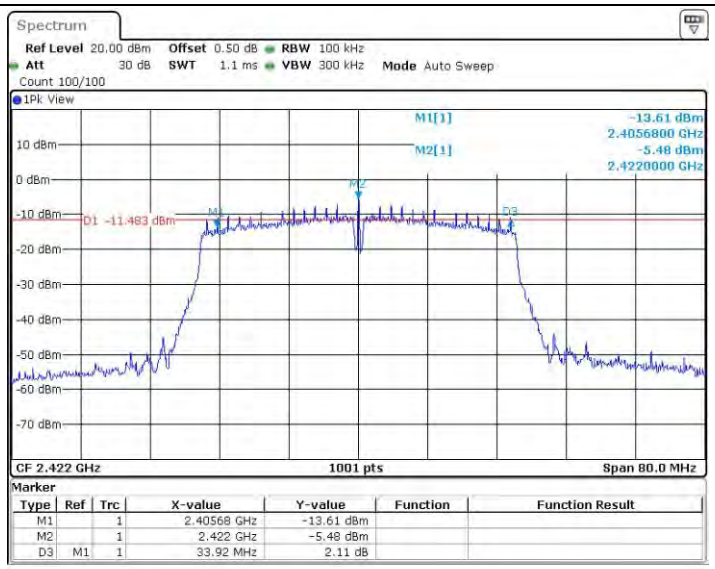

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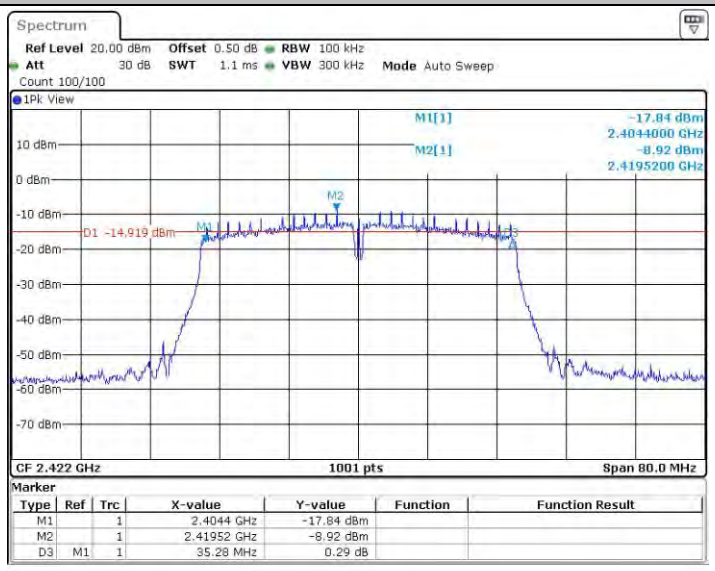

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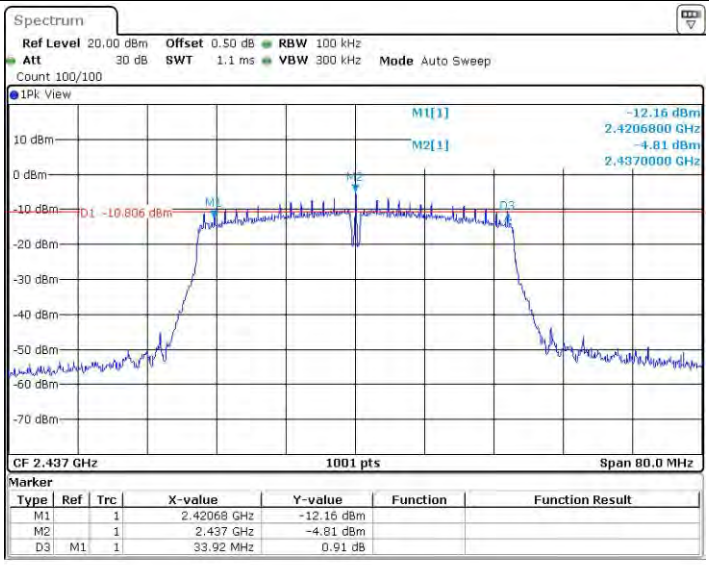

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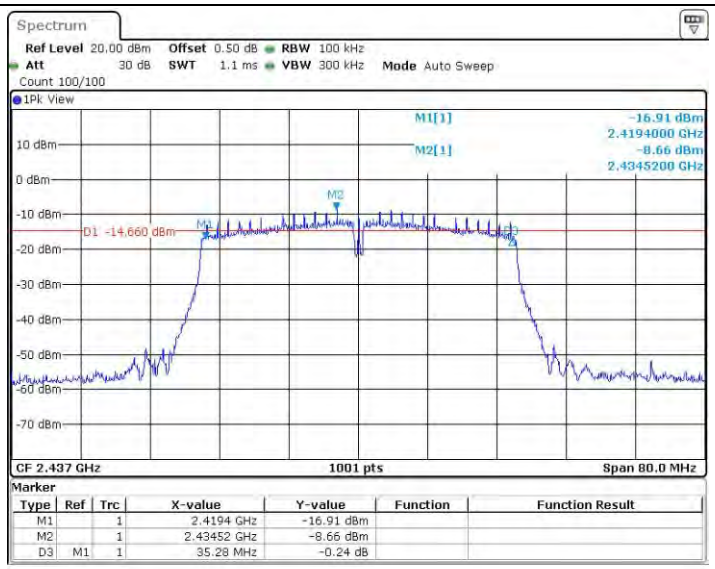

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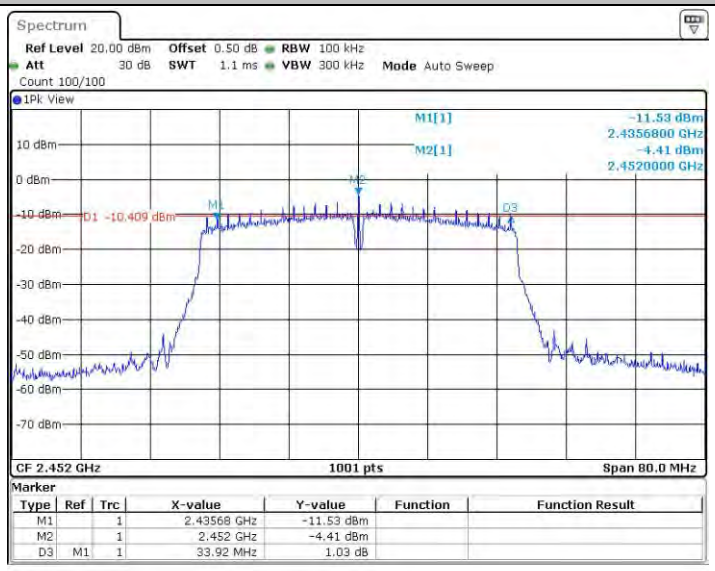

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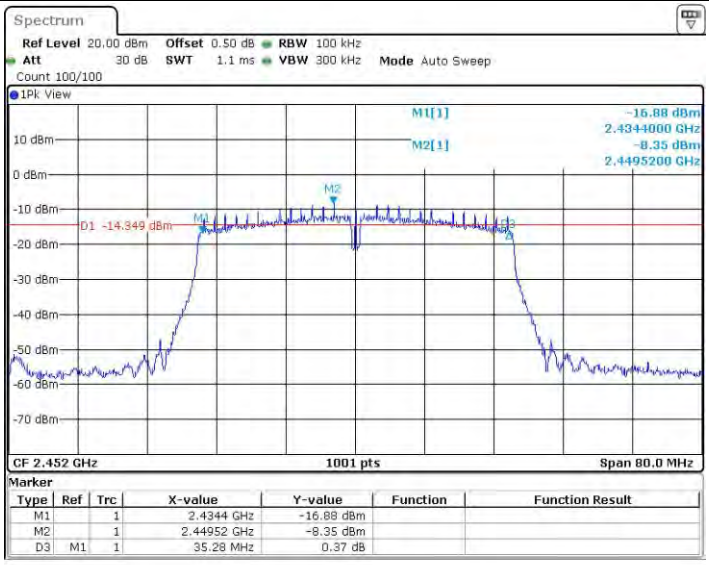

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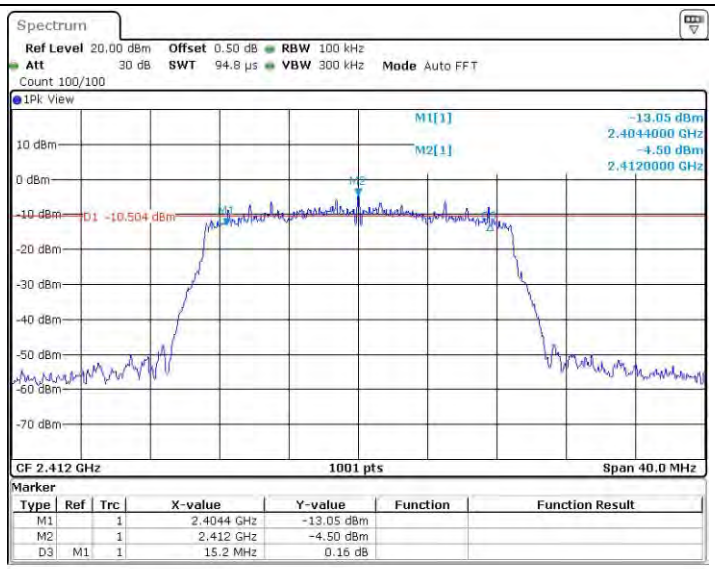

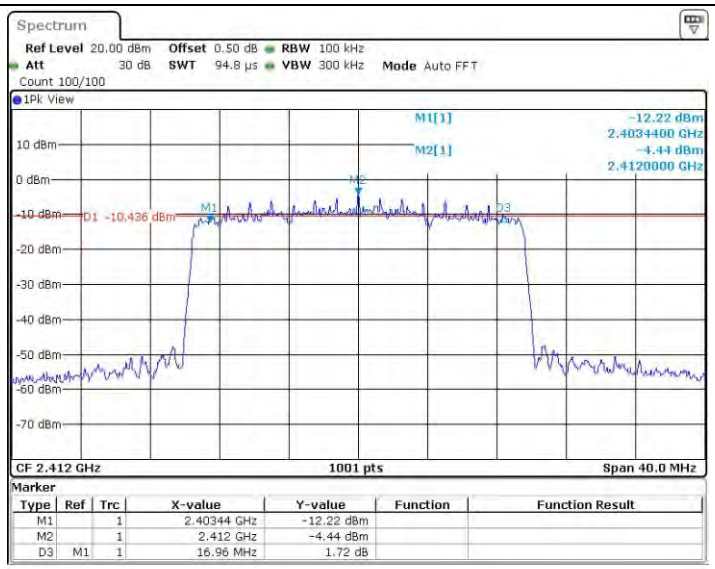

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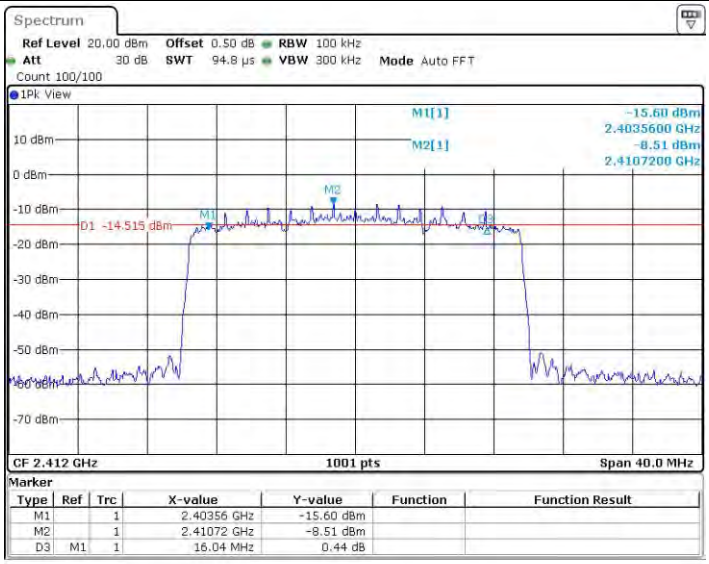

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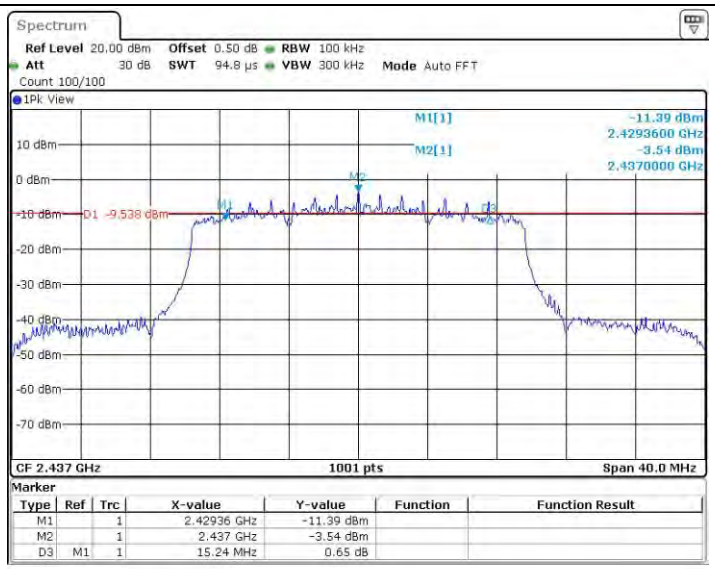

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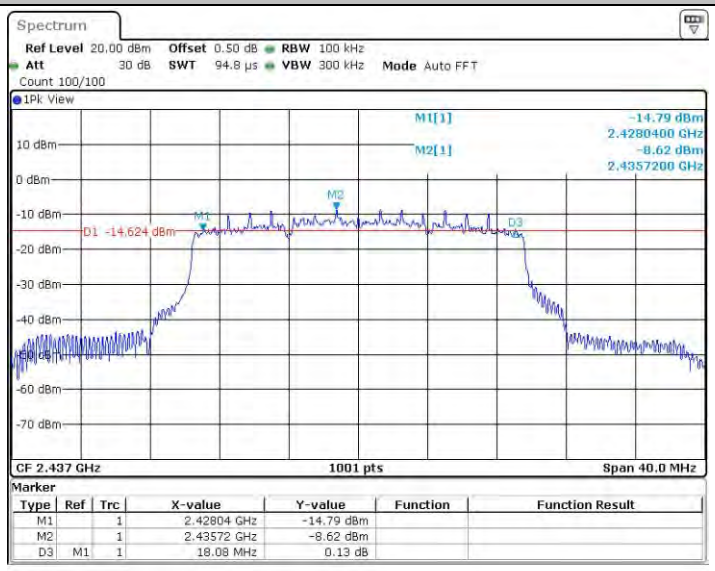

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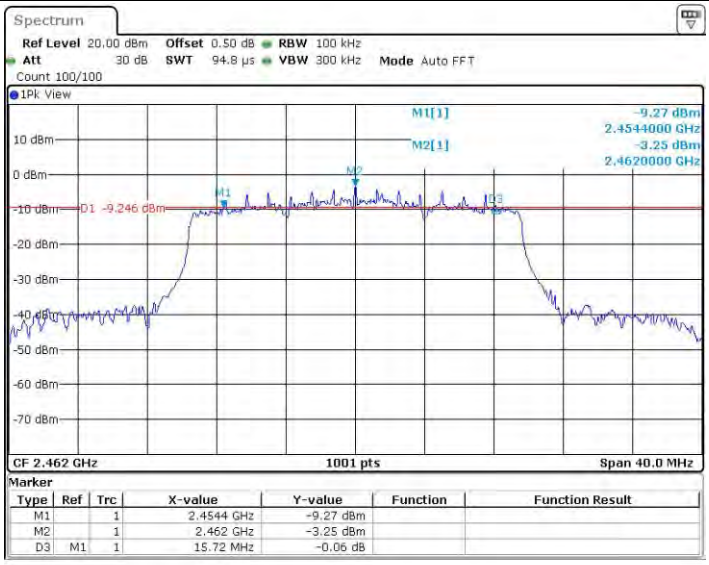

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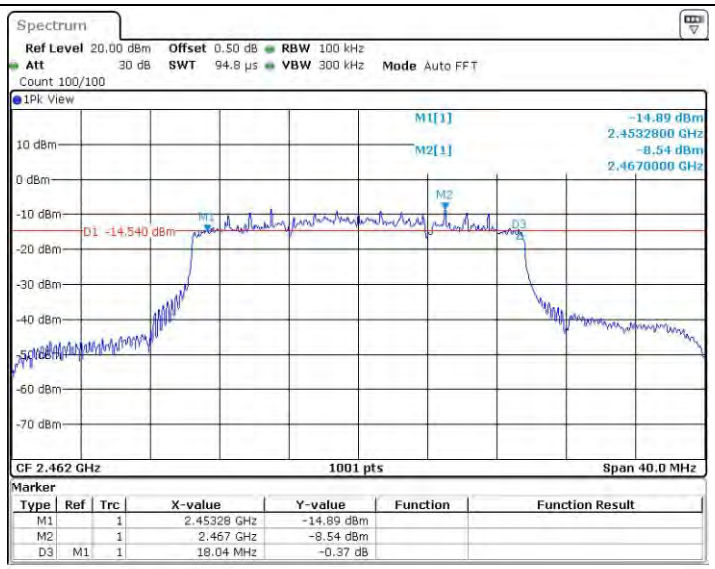

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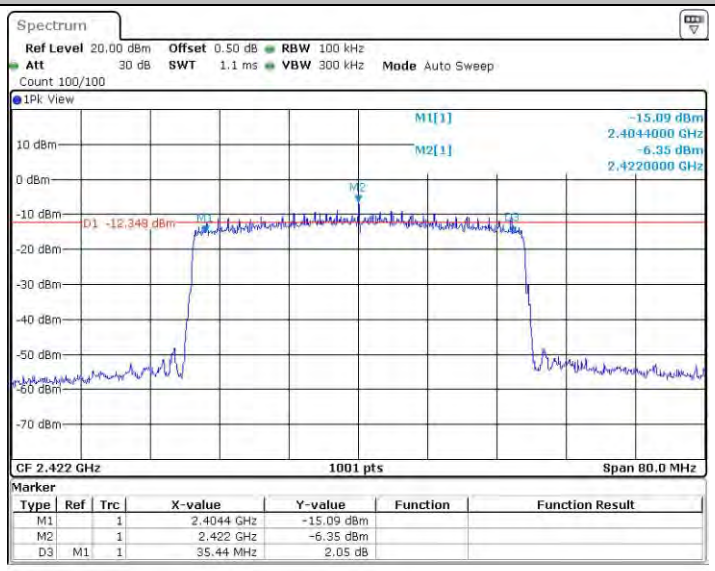

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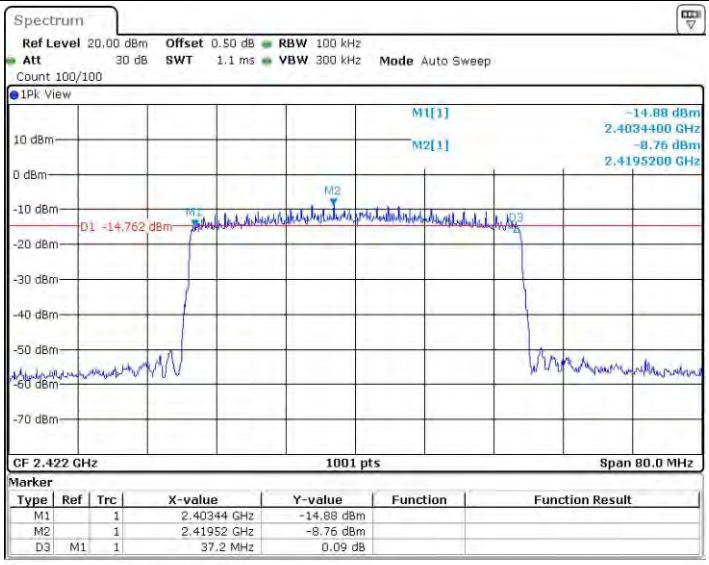

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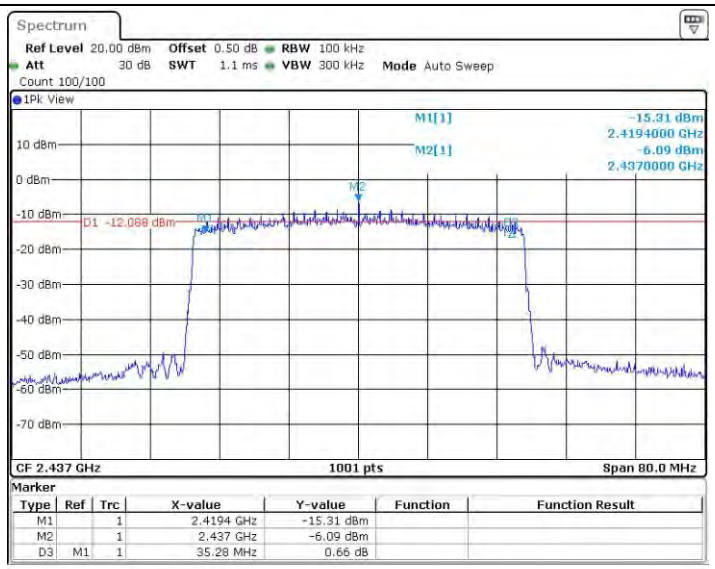

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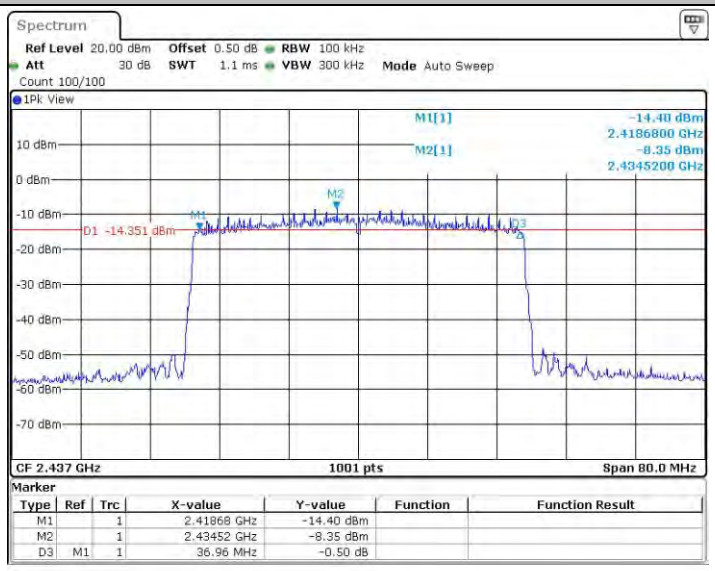

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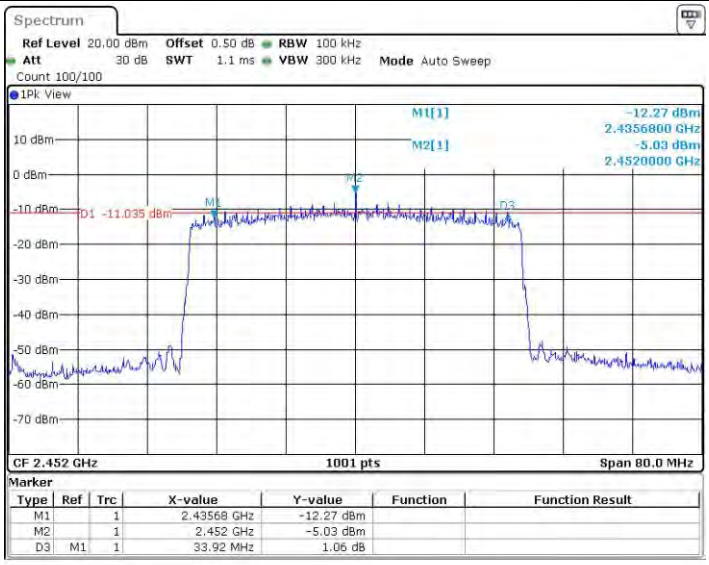

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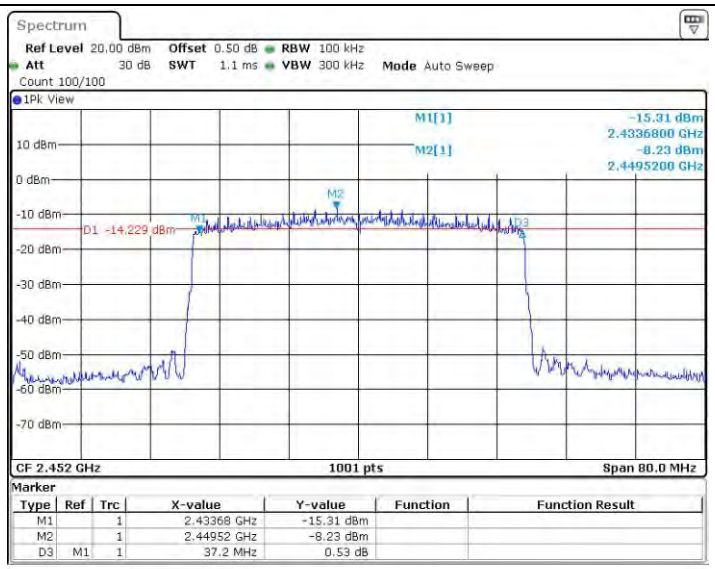

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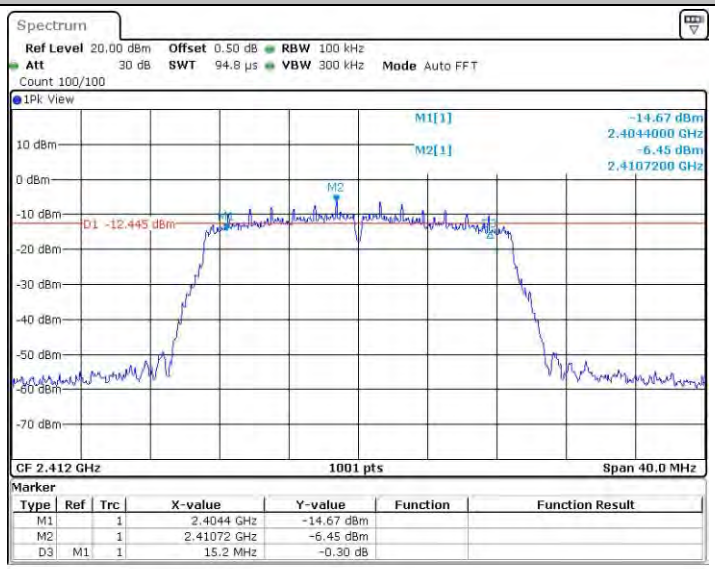

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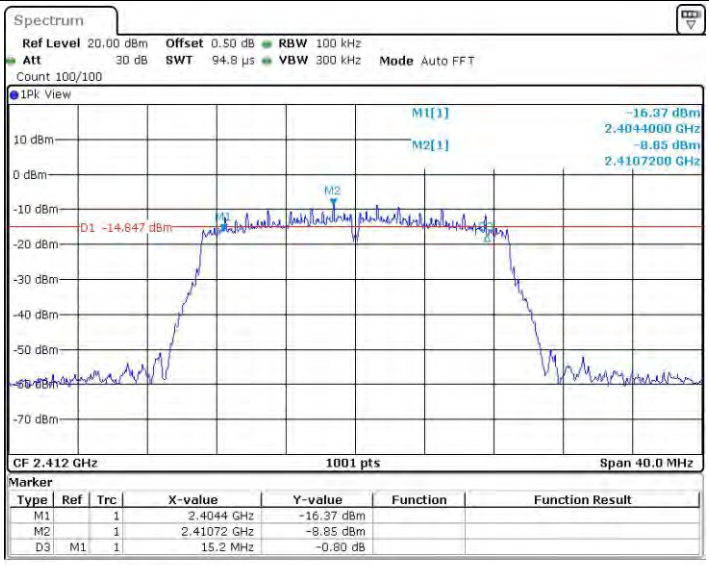

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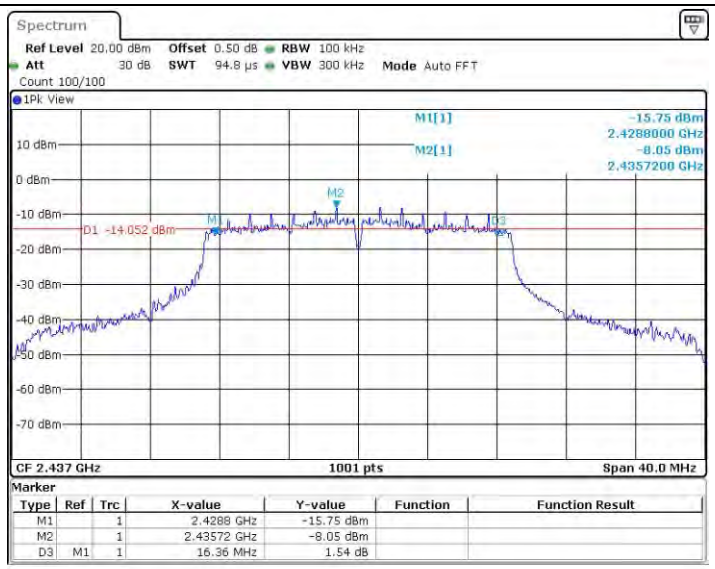

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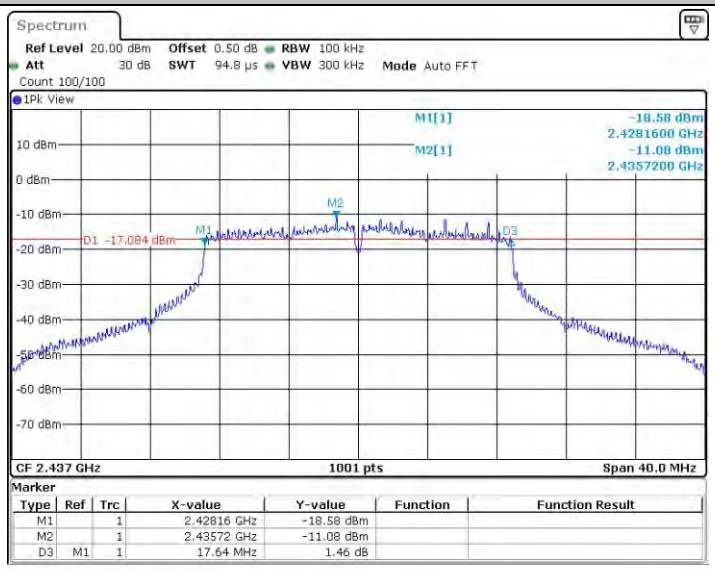
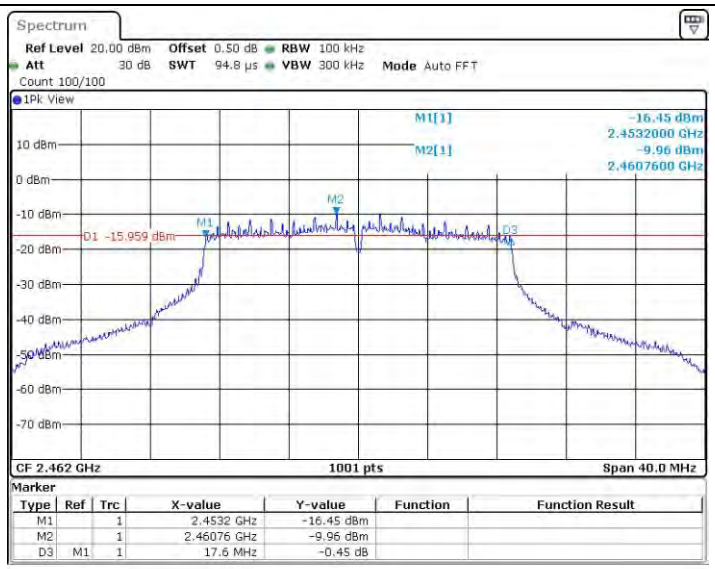
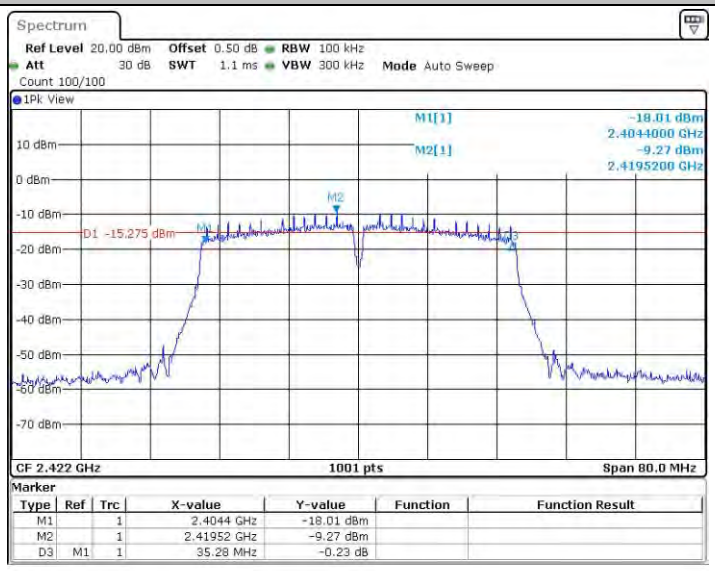


11N20MIMO_Ant2_2437

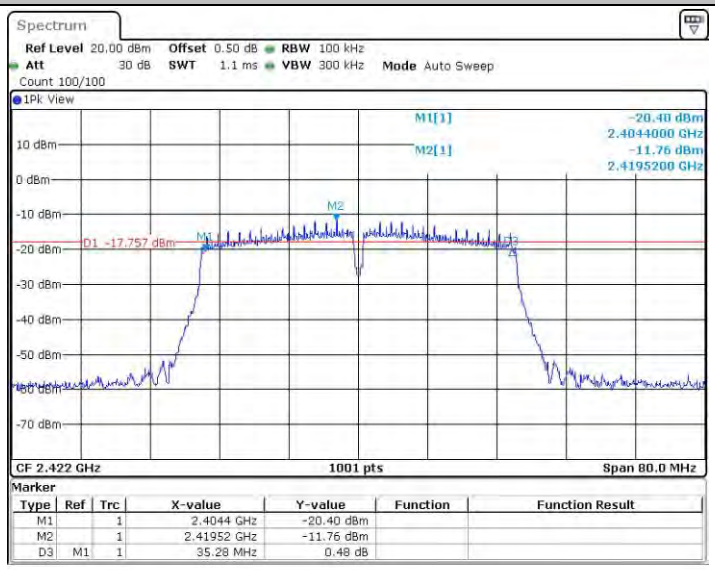
11N20MIMO_Ant1_2462



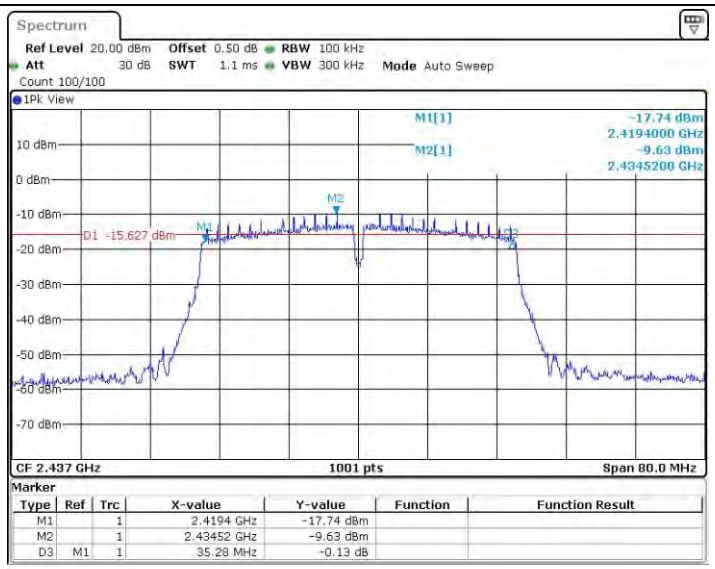
11N20MIMO_Ant2_2462



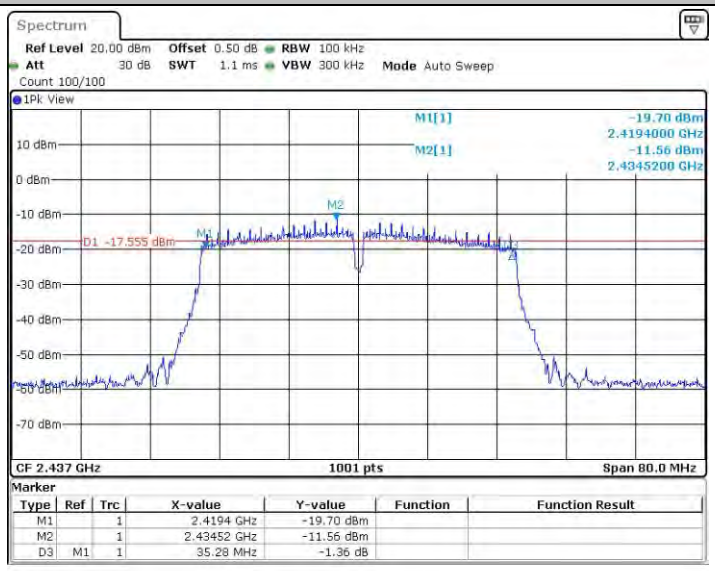
11N40MIMO_Ant1_2422



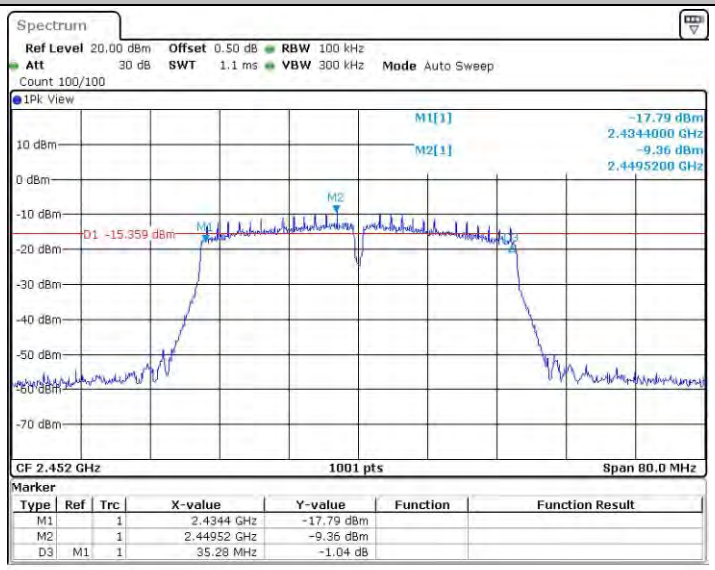
11N40MIMO_Ant2_2422



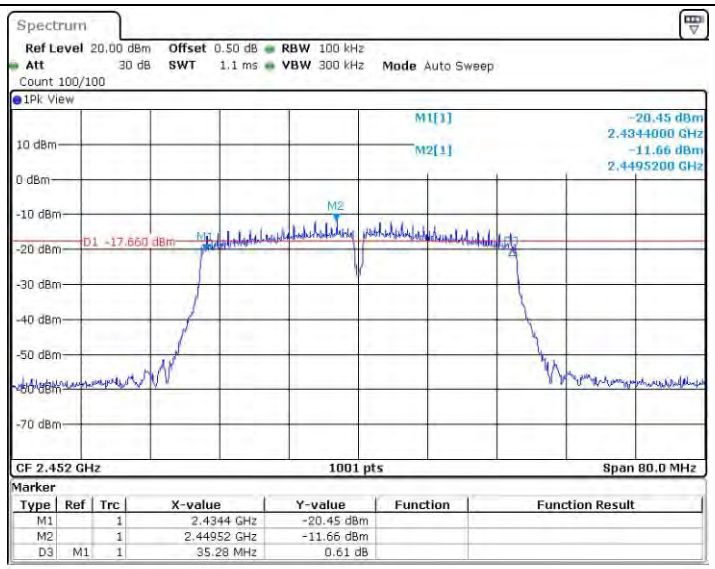
11N40MIMO_Ant1_2437



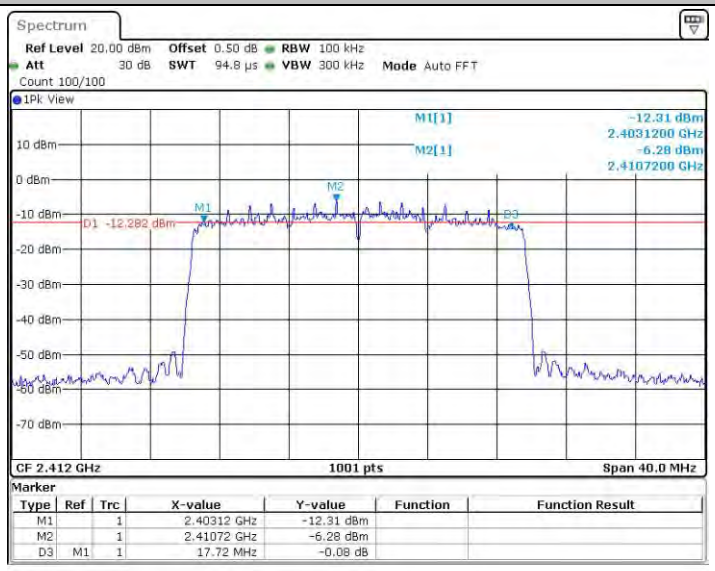
11N40MIMO_Ant2_2437



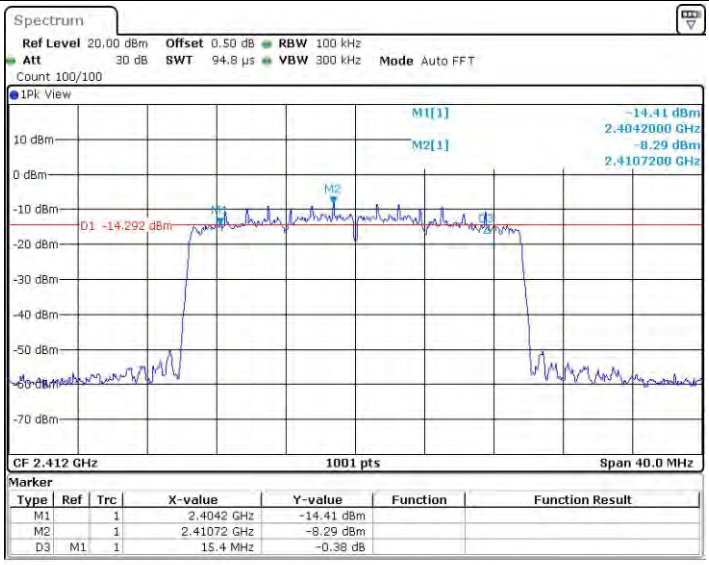
11N40MIMO_Ant1_2452



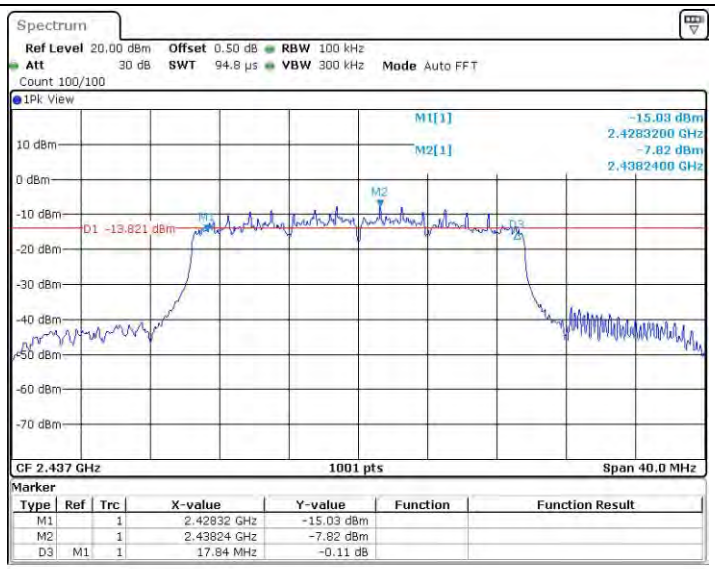
11N40MIMO_Ant2_2452



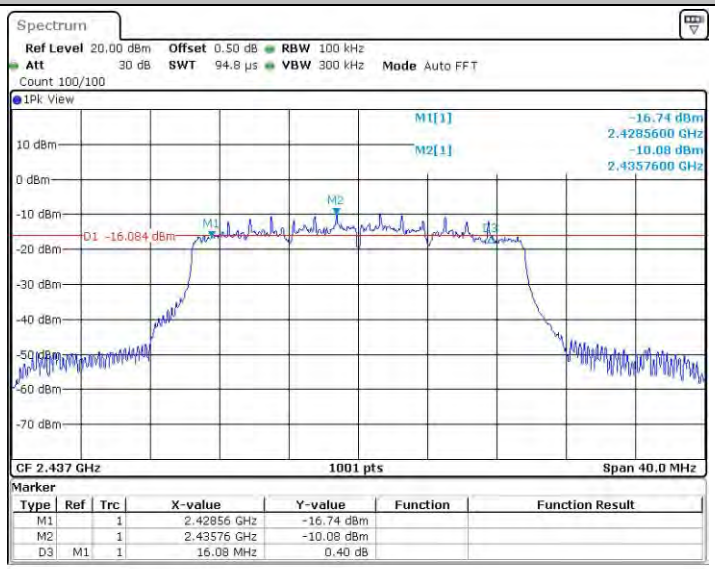
11AX20MIMO_Ant1_2412



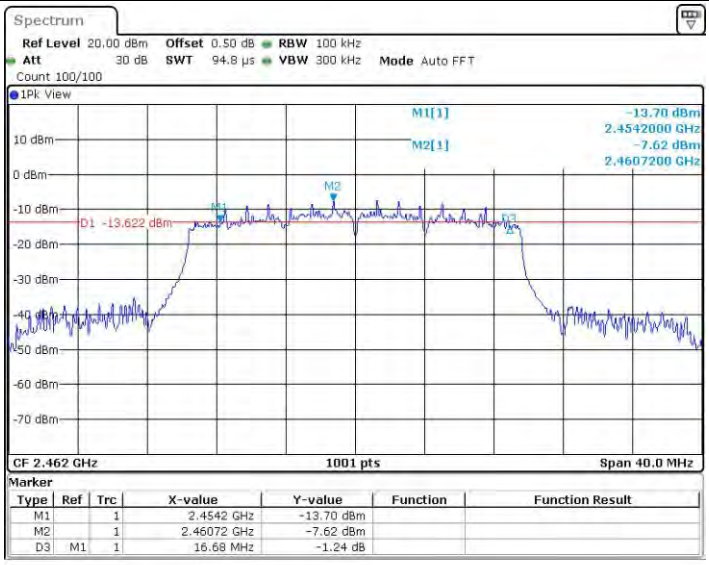
11AX20MIMO_Ant2_2412



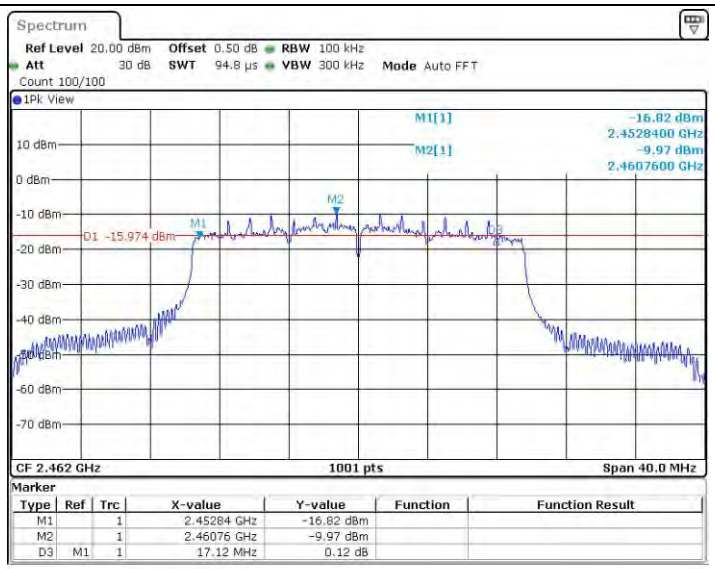
11AX20MIMO_Ant1_2437



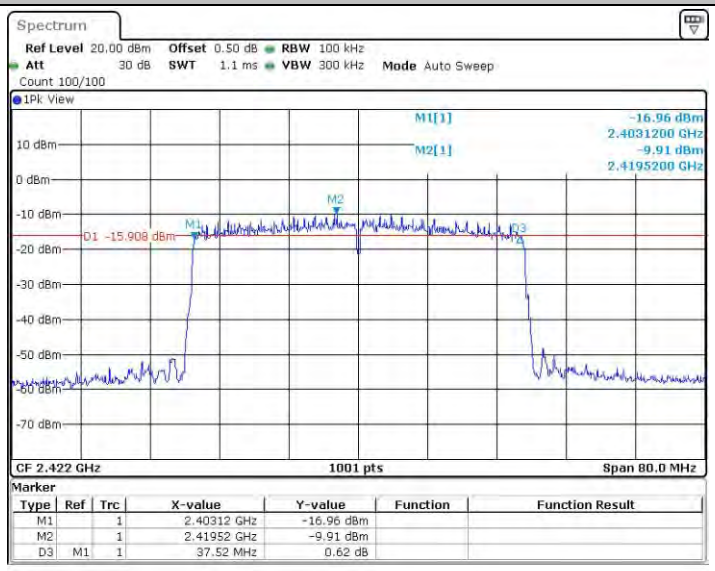
11AX20MIMO_Ant2_2437



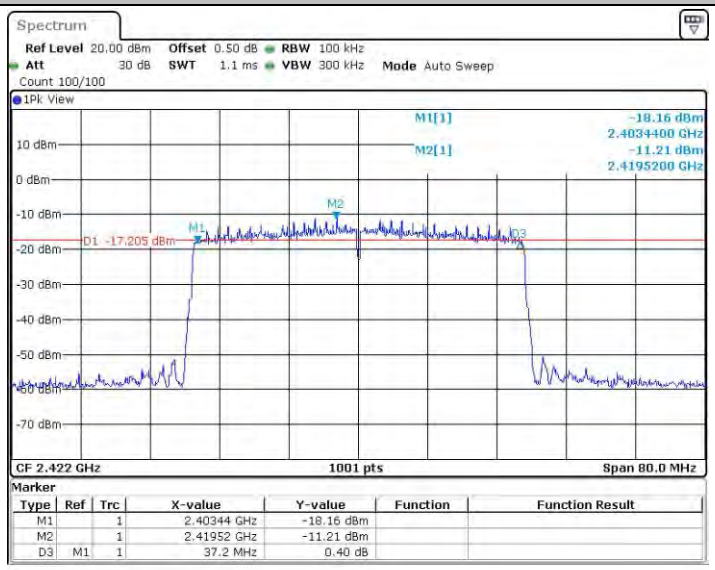
11AX20MIMO_Ant1_2462



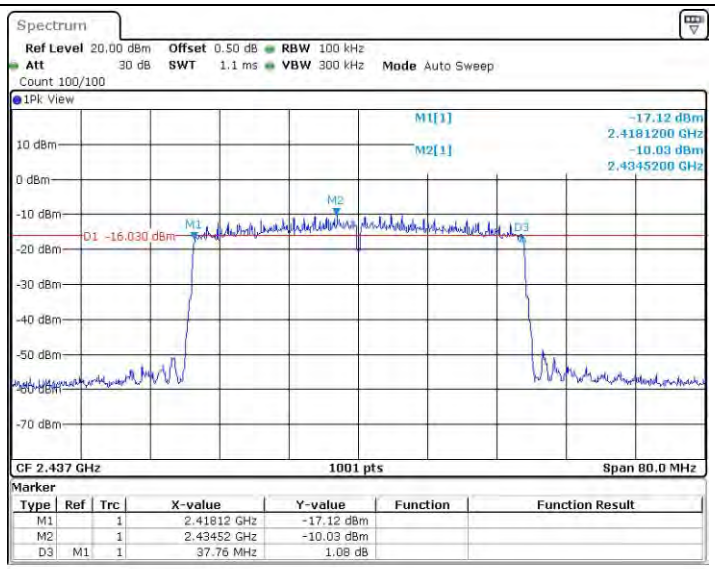
11AX20MIMO_Ant2_2462



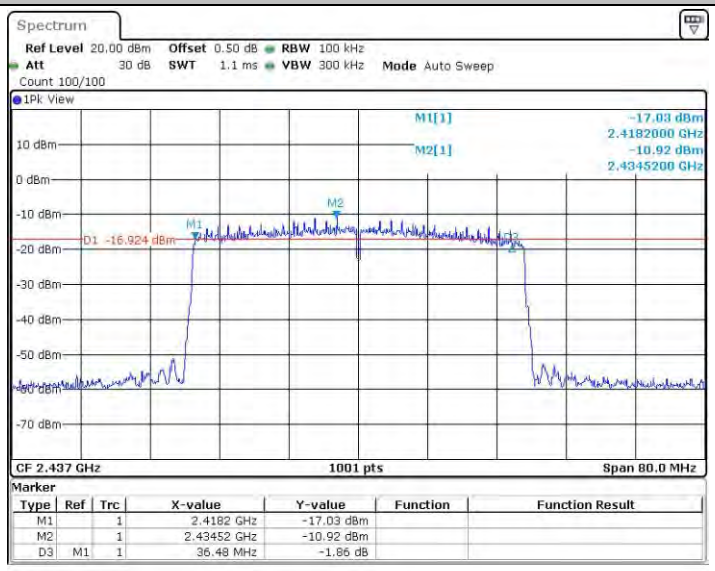
11AX40MIMO_Ant1_2422



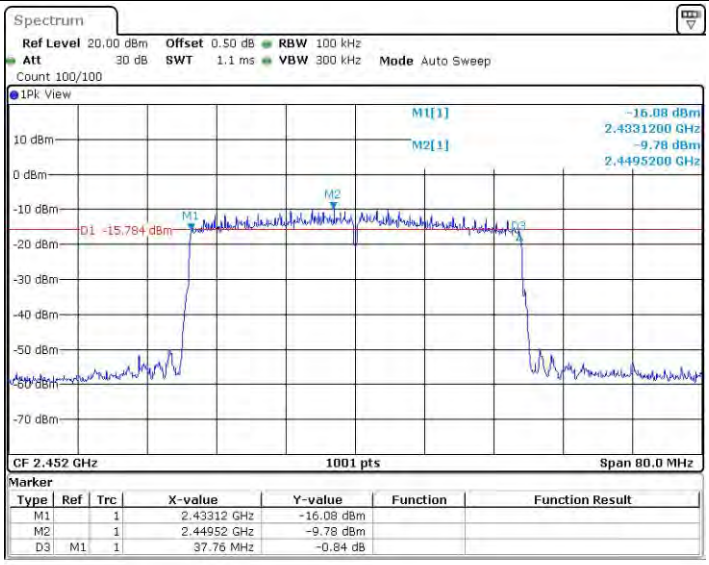
11AX40MIMO_Ant2_2422



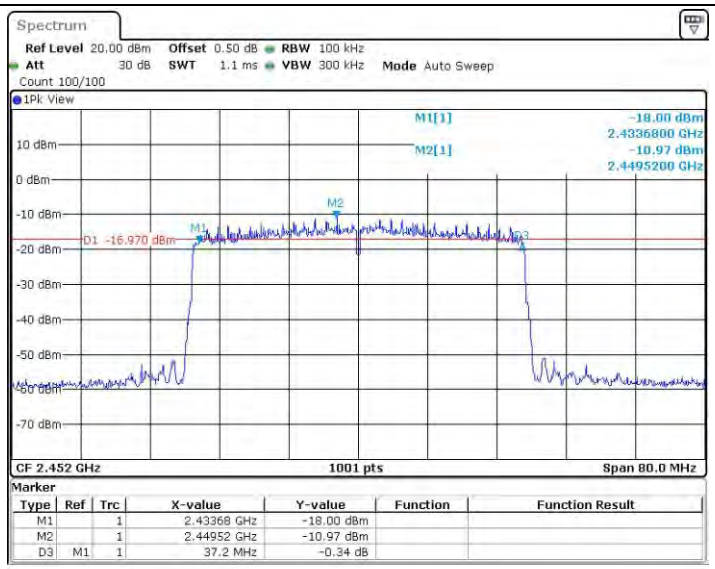
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

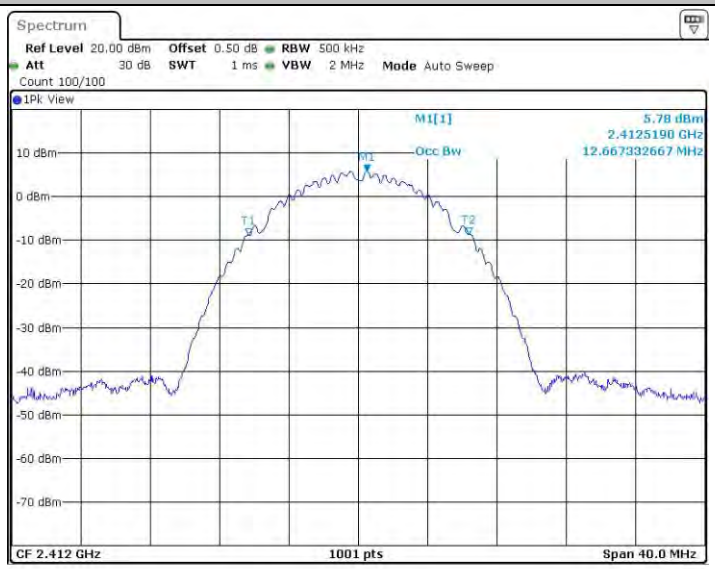
Appendix A2: Occupied Channel Bandwidth

Test Result

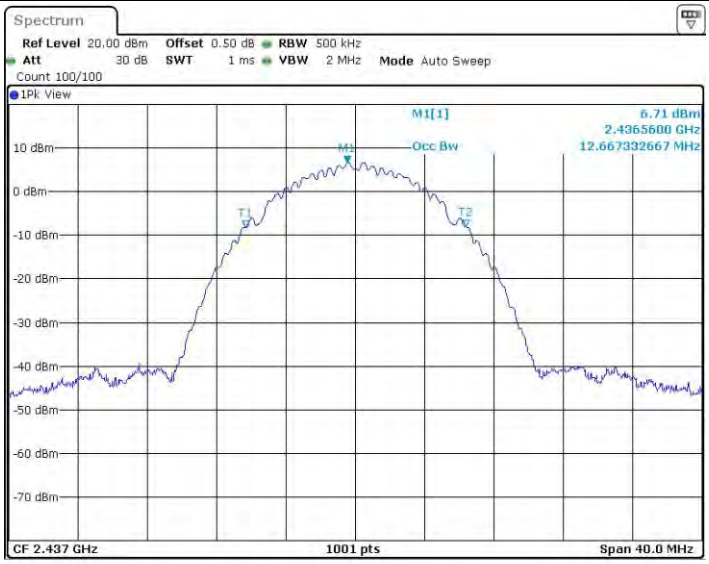
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.667	2405.686	2418.354	---	PASS
	Ant2	2412	12.667	2405.686	2418.354	---	PASS
	Ant1	2437	12.667	2430.686	2443.354	---	PASS
	Ant2	2437	12.667	2430.686	2443.354	---	PASS
	Ant1	2462	12.667	2455.686	2468.354	---	PASS
	Ant2	2462	12.667	2455.686	2468.354	---	PASS
11G	Ant1	2412	17.063	2403.489	2420.551	---	PASS
	Ant2	2412	17.143	2403.449	2420.591	---	PASS
	Ant1	2437	18.821	2427.569	2446.391	---	PASS
	Ant2	2437	18.821	2427.569	2446.391	---	PASS
	Ant1	2462	18.821	2452.609	2471.431	---	PASS
	Ant2	2462	18.821	2452.569	2471.391	---	PASS
11N20SISO	Ant1	2412	17.942	2403.049	2420.991	---	PASS
	Ant2	2412	17.902	2403.089	2420.991	---	PASS
	Ant1	2437	19.62	2427.210	2446.830	---	PASS
	Ant2	2437	19.86	2427.050	2446.910	---	PASS
	Ant1	2462	19.74	2452.250	2471.990	---	PASS
	Ant2	2462	19.82	2452.090	2471.910	---	PASS
11N40SISO	Ant1	2422	36.364	2403.858	2440.222	---	PASS
	Ant2	2422	36.444	2403.858	2440.302	---	PASS
	Ant1	2437	36.444	2418.858	2455.302	---	PASS
	Ant2	2437	36.444	2418.858	2455.302	---	PASS
	Ant1	2452	36.444	2433.858	2470.302	---	PASS
	Ant2	2452	36.364	2433.858	2470.222	---	PASS
11AX20SISO	Ant1	2412	18.821	2402.609	2421.431	---	PASS
	Ant2	2412	18.781	2402.649	2421.431	---	PASS
	Ant1	2437	19.261	2427.370	2446.630	---	PASS
	Ant2	2437	19.261	2427.410	2446.670	---	PASS
	Ant1	2462	19.261	2452.410	2471.670	---	PASS
	Ant2	2462	19.221	2452.410	2471.630	---	PASS
11AX40SISO	Ant1	2422	37.802	2403.219	2441.021	---	PASS
	Ant2	2422	37.802	2403.139	2440.941	---	PASS
	Ant1	2437	37.722	2418.219	2455.941	---	PASS
	Ant2	2437	37.722	2418.219	2455.941	---	PASS
	Ant1	2452	37.722	2433.219	2470.941	---	PASS
	Ant2	2452	37.802	2433.139	2470.941	---	PASS

Test Graphs

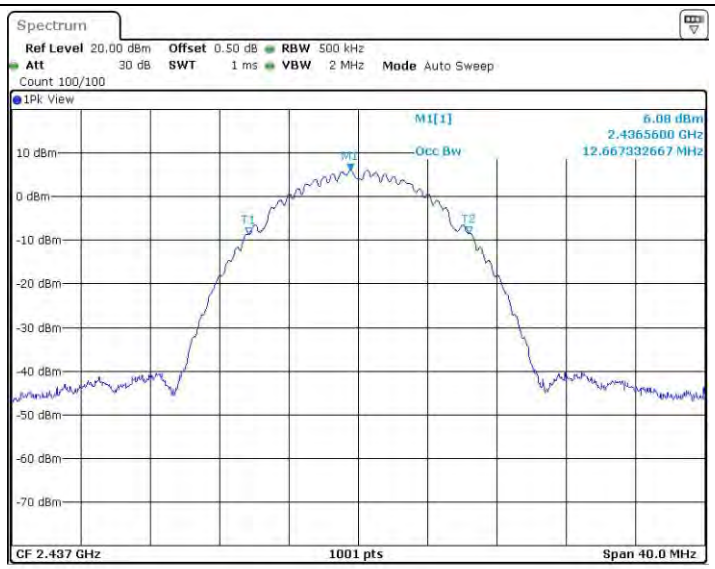
11B_Ant1_2412



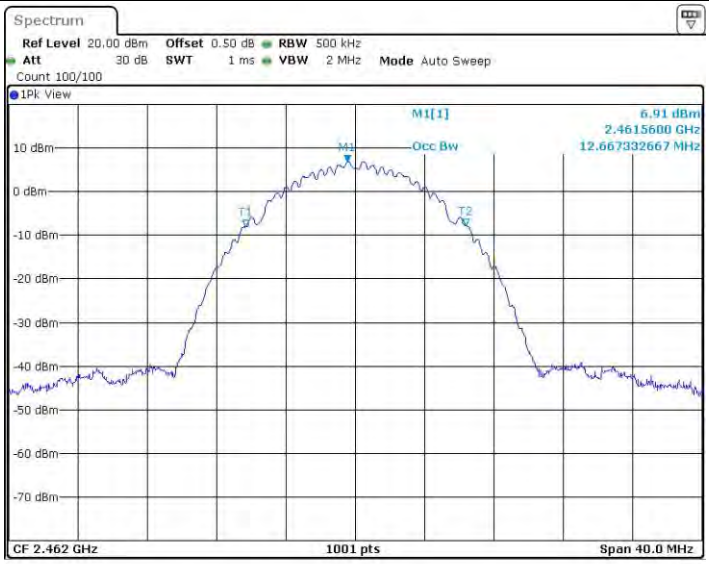
11B_Ant2_2412



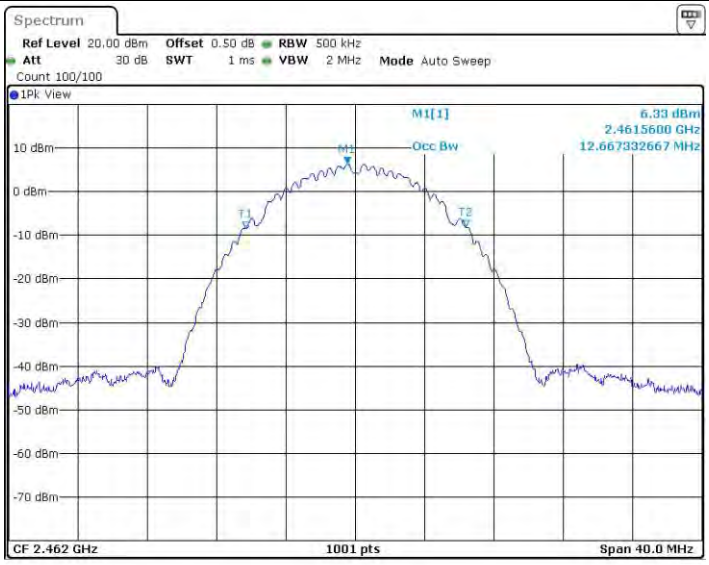
11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462

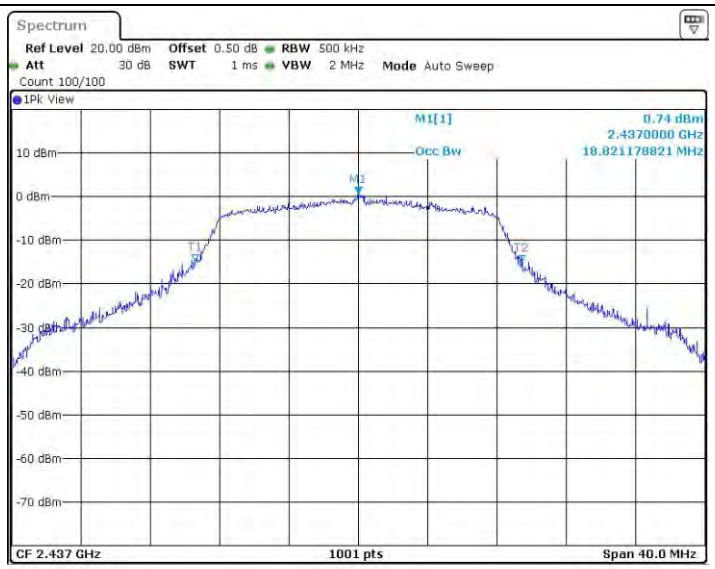


11B_Ant2_2462

11G_Ant1_2412

11G_Ant2_2412

11G_Ant1_2437



11G_Ant2_2437

11G_Ant1_2462

11G_Ant2_2462

11N20SISO_Ant1_2412

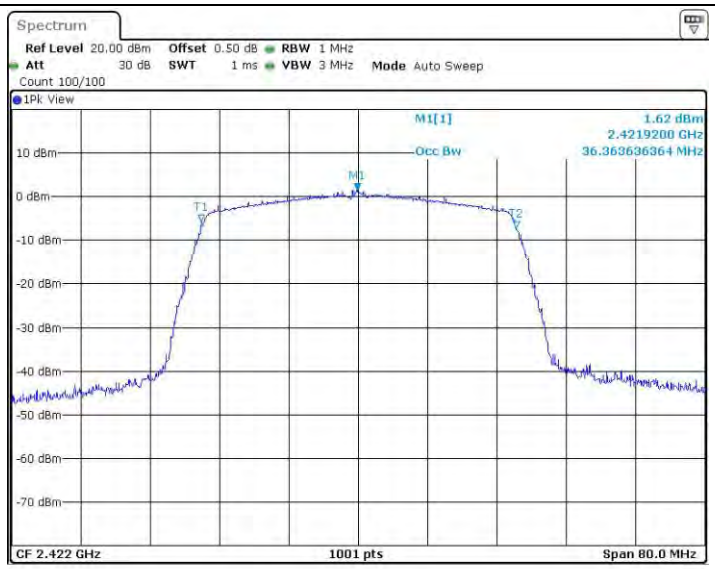
11N20SISO_Ant2_2412

11N20SISO_Ant1_2437

11N20SISO_Ant2_2437

11N20SISO_Ant1_2462

11N20SISO_Ant2_2462



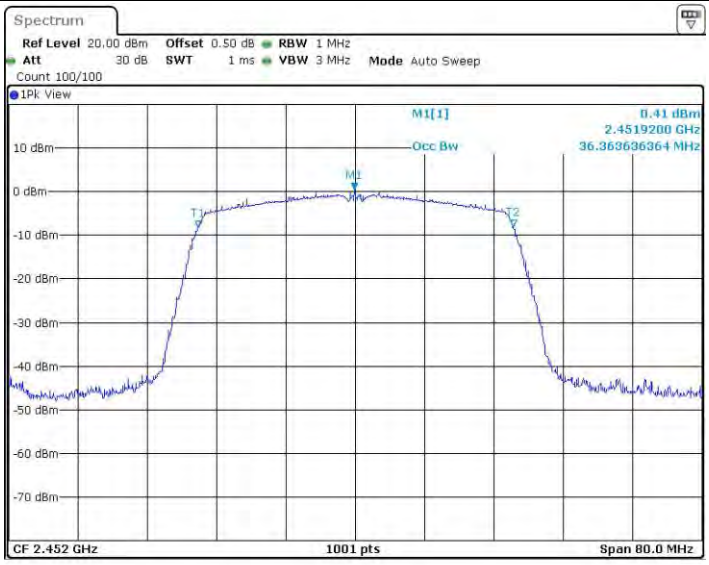
11N40SISO_Ant1_2422

11N40SISO_Ant2_2422

11N40SISO_Ant1_2437

11N40SISO_Ant2_2437

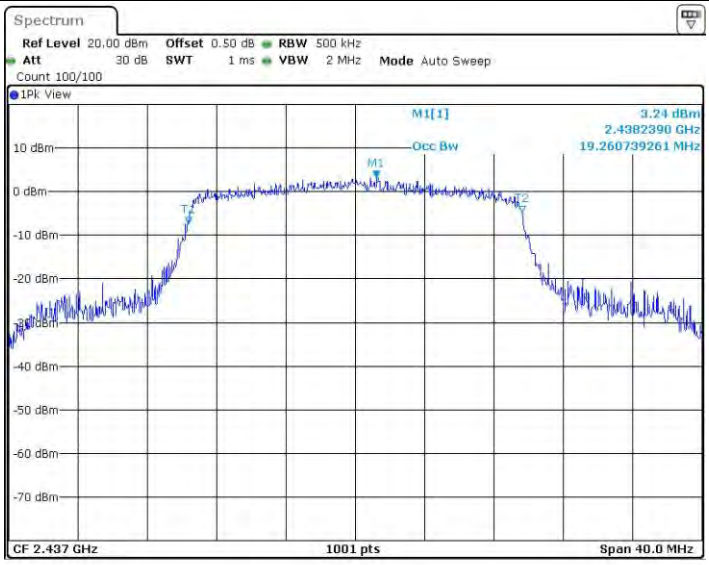
11N40SISO_Ant1_2452



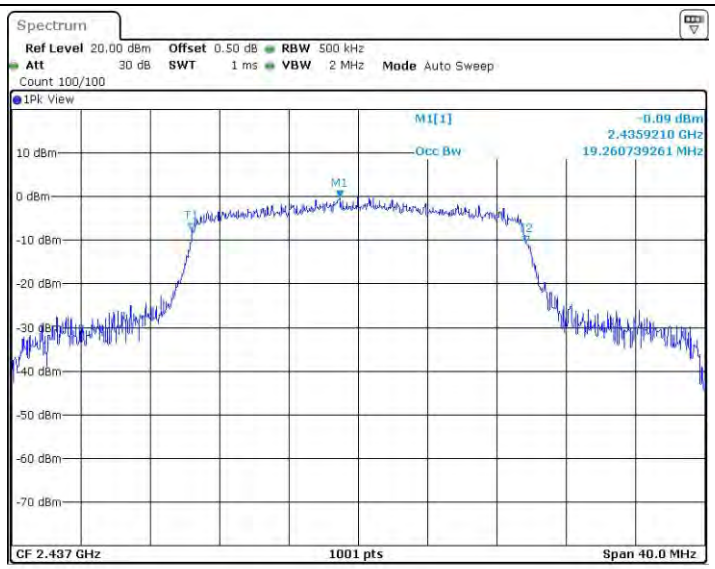
11N40SISO_Ant2_2452

11AX20SISO_Ant1_2412

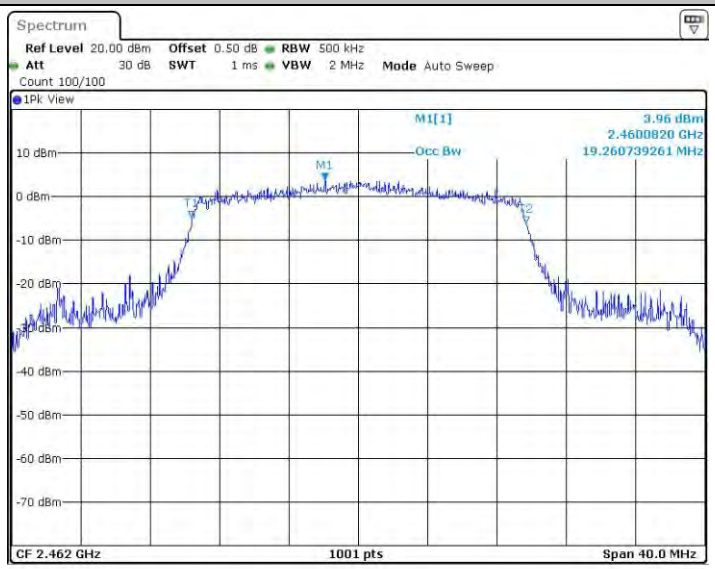
11AX20SISO_Ant2_2412



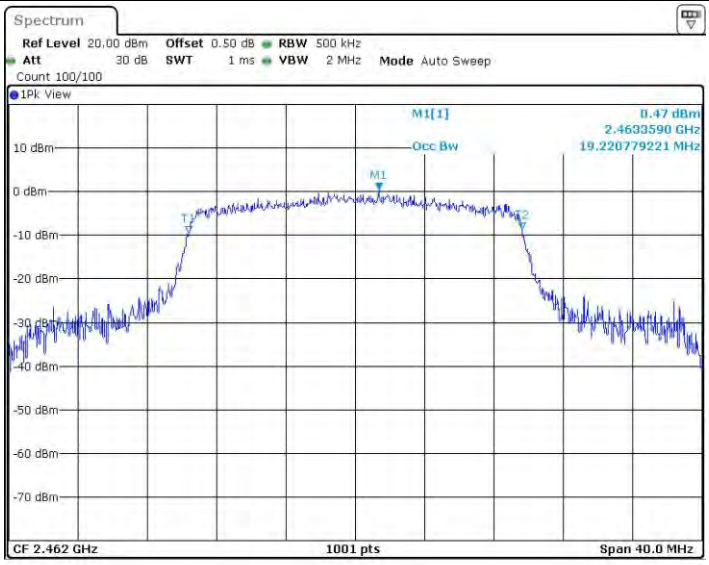
11AX20SISO_Ant1_2437



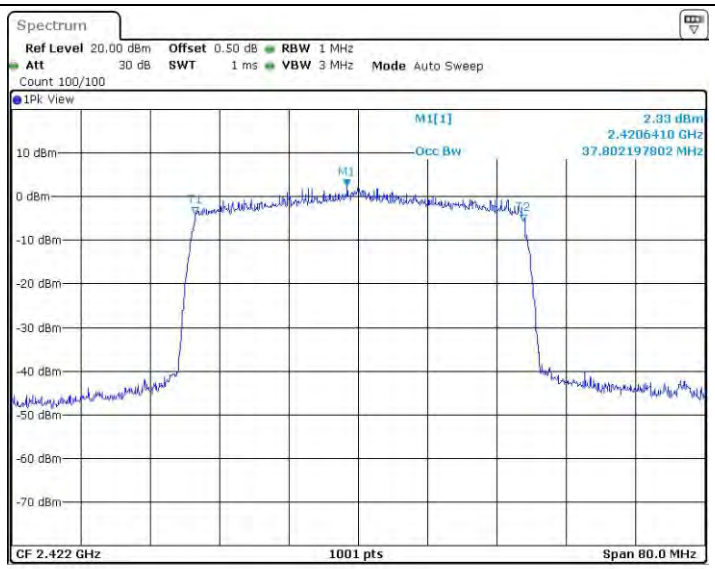
11AX20SISO_Ant2_2437



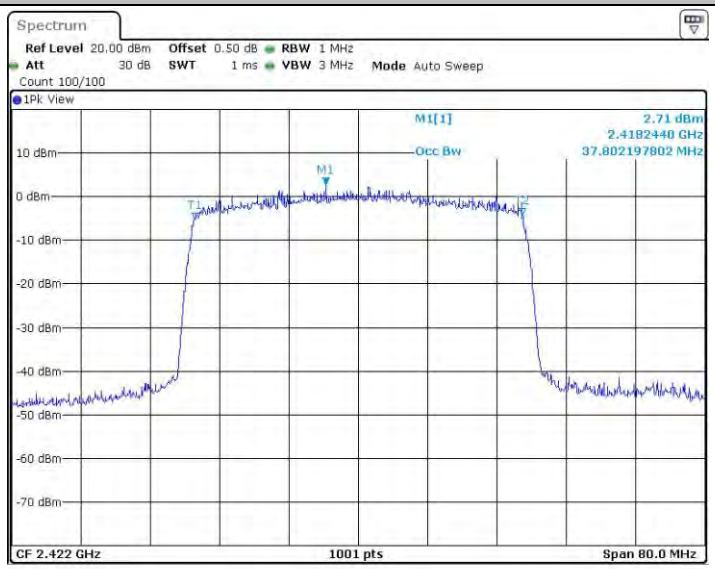
11AX20SISO_Ant1_2462



11AX20SISO_Ant2_2462

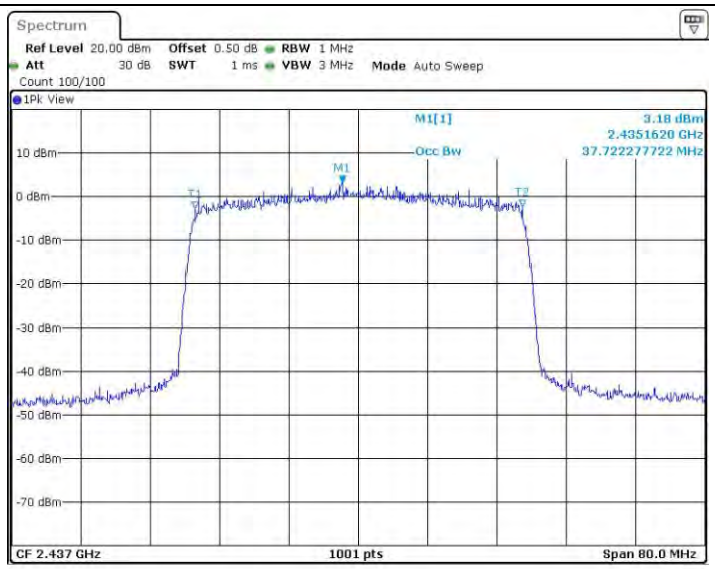


11AX40SISO_Ant1_2422

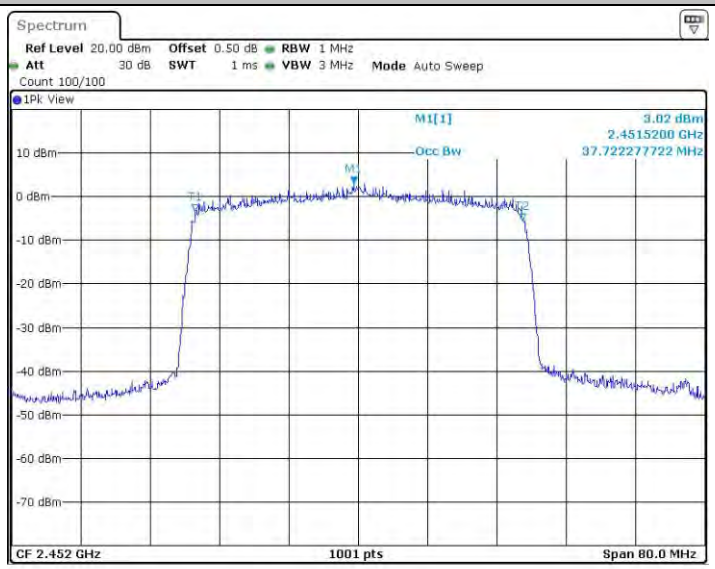


11AX40SISO_Ant2_2422

11AX40SISO_Ant1_2437



11AX40SISO_Ant2_2437



11AX40SISO_Ant1_2452

11AX40SISO_Ant2_2452

Appendix B: Maximum peak conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.8	<=30	PASS
	Ant2	2412	15.9	<=30	PASS
	Ant1	2437	16.1	<=30	PASS
	Ant2	2437	16.2	<=30	PASS
	Ant1	2462	16.3	<=30	PASS
	Ant2	2462	16.3	<=30	PASS
11G	Ant1	2412	15.6	<=30	PASS
	Ant2	2412	15.4	<=30	PASS
	Ant1	2437	15.1	<=30	PASS
	Ant2	2437	15.7	<=30	PASS
	Ant1	2462	15.6	<=30	PASS
	Ant2	2462	16	<=30	PASS
11N20SISO	Ant1	2412	15.7	<=30	PASS
	Ant2	2412	15.8	<=30	PASS
	Ant1	2437	15.2	<=30	PASS
	Ant2	2437	16.2	<=30	PASS
	Ant1	2462	15.6	<=30	PASS
	Ant2	2462	16.7	<=30	PASS
11N40SISO	Ant1	2422	15.2	<=30	PASS
	Ant2	2422	15.2	<=30	PASS
	Ant1	2437	15.8	<=30	PASS
	Ant2	2437	15.5	<=30	PASS
	Ant1	2452	16	<=30	PASS
	Ant2	2452	15.7	<=30	PASS
11AX20SISO	Ant1	2412	15.4	<=30	PASS
	Ant2	2412	15.5	<=30	PASS
	Ant1	2437	15.1	<=30	PASS
	Ant2	2437	15.7	<=30	PASS
	Ant1	2462	15.5	<=30	PASS
	Ant2	2462	15.8	<=30	PASS
11AX40SISO	Ant1	2422	14.8	<=30	PASS
	Ant2	2422	15.4	<=30	PASS
	Ant1	2437	15.2	<=30	PASS
	Ant2	2437	15.7	<=30	PASS
	Ant1	2452	15.5	<=30	PASS
	Ant2	2452	15.9	<=30	PASS
11N20MIMO	Ant1	2412	12.1	<=30	PASS
	Ant2	2412	12.5	<=30	PASS
	total	2412	15.3	<=30	PASS

	Ant1	2437	12	<=30	PASS
	Ant2	2437	12.2	<=30	PASS
	total	2437	15.1	<=30	PASS
	Ant1	2462	12.2	<=30	PASS
	Ant2	2462	12.5	<=30	PASS
	total	2462	15.4	<=30	PASS
11N40MIMO	Ant1	2422	11.9	<=30	PASS
	Ant2	2422	12.1	<=30	PASS
	total	2422	15	<=30	PASS
	Ant1	2437	12.2	<=30	PASS
	Ant2	2437	12.3	<=30	PASS
	total	2437	15.3	<=30	PASS
	Ant1	2452	12.1	<=30	PASS
	Ant2	2452	12.5	<=30	PASS
	total	2452	15.3	<=30	PASS
11AX20MIMO	Ant1	2412	11.6	<=30	PASS
	Ant2	2412	12.3	<=30	PASS
	total	2412	15	<=30	PASS
	Ant1	2437	11.8	<=30	PASS
	Ant2	2437	12.1	<=30	PASS
	total	2437	15	<=30	PASS
	Ant1	2462	11.7	<=30	PASS
	Ant2	2462	12.5	<=30	PASS
	total	2462	15.1	<=30	PASS
11AX40MIMO	Ant1	2422	12	<=30	PASS
	Ant2	2422	12.4	<=30	PASS
	total	2422	15.2	<=30	PASS
	Ant1	2437	11.8	<=30	PASS
	Ant2	2437	12.2	<=30	PASS
	total	2437	15	<=30	PASS
	Ant1	2452	11.9	<=30	PASS
	Ant2	2452	12.3	<=30	PASS
	total	2452	15.1	<=30	PASS

Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-3.46	<=8	PASS
	Ant2	2412	-7.8	<=8	PASS
	Ant1	2437	-3.04	<=8	PASS
	Ant2	2437	-7.29	<=8	PASS
	Ant1	2462	-2.7	<=8	PASS
	Ant2	2462	-7.24	<=8	PASS
11G	Ant1	2412	-6.54	<=8	PASS
	Ant2	2412	-12.43	<=8	PASS
	Ant1	2437	-5.98	<=8	PASS
	Ant2	2437	-11.68	<=8	PASS
	Ant1	2462	-5.52	<=8	PASS
	Ant2	2462	-11.44	<=8	PASS
11N20SISO	Ant1	2412	-6.49	<=8	PASS
	Ant2	2412	-12.19	<=8	PASS
	Ant1	2437	-5.99	<=8	PASS
	Ant2	2437	-11.89	<=8	PASS
	Ant1	2462	-5.51	<=8	PASS
	Ant2	2462	-11.27	<=8	PASS
11N40SISO	Ant1	2422	-6.36	<=8	PASS
	Ant2	2422	-12.23	<=8	PASS
	Ant1	2437	-6.01	<=8	PASS
	Ant2	2437	-11.9	<=8	PASS
	Ant1	2452	-5.63	<=8	PASS
	Ant2	2452	-11.58	<=8	PASS
11AX20SISO	Ant1	2412	-6.66	<=8	PASS
	Ant2	2412	-14.43	<=8	PASS
	Ant1	2437	-6.34	<=8	PASS
	Ant2	2437	-14.07	<=8	PASS
	Ant1	2462	-5.79	<=8	PASS
	Ant2	2462	-13.75	<=8	PASS
11AX40SISO	Ant1	2422	-8.32	<=8	PASS
	Ant2	2422	-13.05	<=8	PASS
	Ant1	2437	-8.07	<=8	PASS
	Ant2	2437	-12.64	<=8	PASS
	Ant1	2452	-7.75	<=8	PASS
	Ant2	2452	-12.51	<=8	PASS
11N20MIMO	Ant1	2412	-19.61	<=8	PASS
	Ant2	2412	-21.76	<=8	PASS
	total	2412	-17.54	<=8	PASS

	Ant1	2437	-20.46	<=8	PASS
	Ant2	2437	-23.25	<=8	PASS
	total	2437	-18.62	<=8	PASS
	Ant1	2462	-21.07	<=8	PASS
	Ant2	2462	-22.73	<=8	PASS
	total	2462	-18.81	<=8	PASS
11N40MIMO	Ant1	2422	-23.98	<=8	PASS
	Ant2	2422	-25.05	<=8	PASS
	total	2422	-21.47	<=8	PASS
	Ant1	2437	-22.92	<=8	PASS
	Ant2	2437	-26.1	<=8	PASS
	total	2437	-21.21	<=8	PASS
	Ant1	2452	-24.16	<=8	PASS
	Ant2	2452	-25.37	<=8	PASS
	total	2452	-21.71	<=8	PASS
11AX20MIMO	Ant1	2412	-20.12	<=8	PASS
	Ant2	2412	-22.95	<=8	PASS
	total	2412	-18.30	<=8	PASS
	Ant1	2437	-21.74	<=8	PASS
	Ant2	2437	-23.41	<=8	PASS
	total	2437	-19.48	<=8	PASS
	Ant1	2462	-20.97	<=8	PASS
	Ant2	2462	-23.74	<=8	PASS
	total	2462	-19.13	<=8	PASS
11AX40MIMO	Ant1	2422	-24.47	<=8	PASS
	Ant2	2422	-26.06	<=8	PASS
	total	2422	-22.18	<=8	PASS
	Ant1	2437	-24.92	<=8	PASS
	Ant2	2437	-25.8	<=8	PASS
	total	2437	-22.33	<=8	PASS
	Ant1	2452	-24.76	<=8	PASS
	Ant2	2452	-25.94	<=8	PASS
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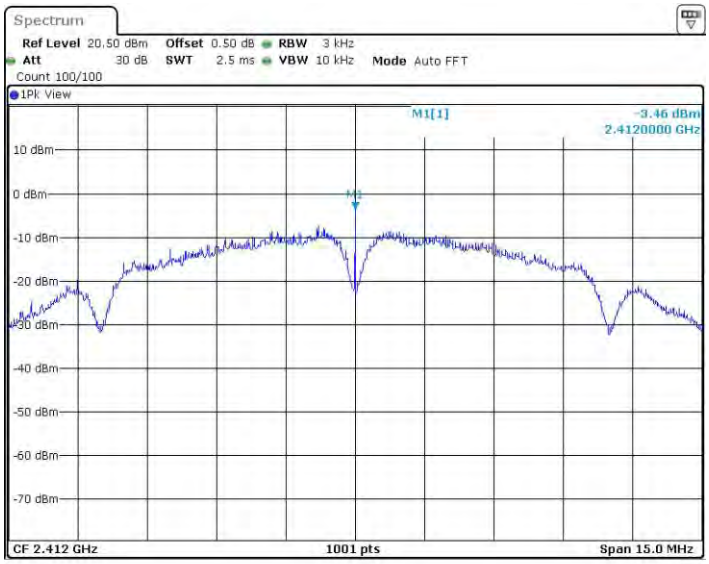
Test Graphs



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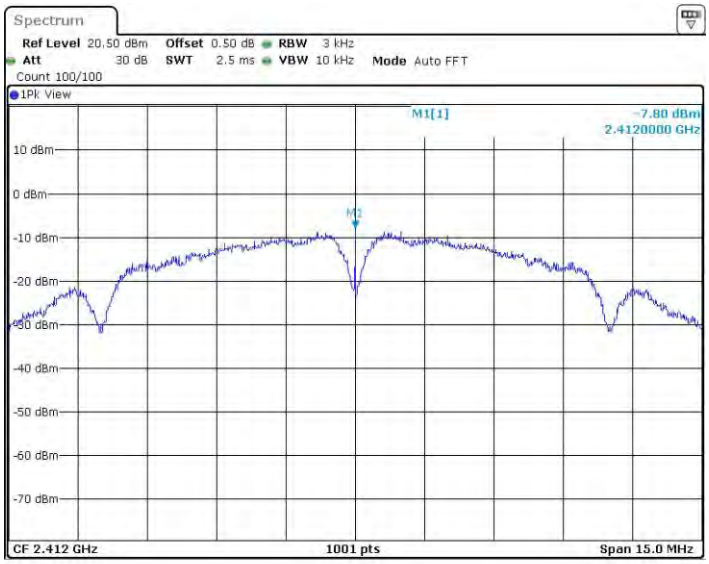

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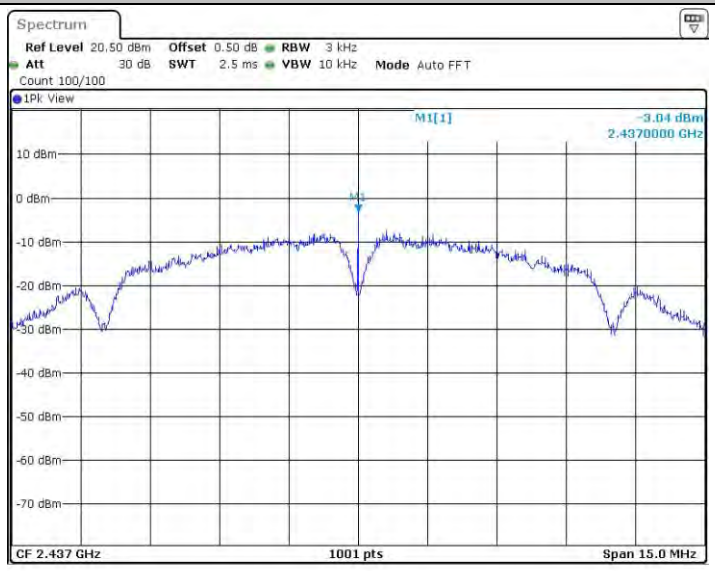

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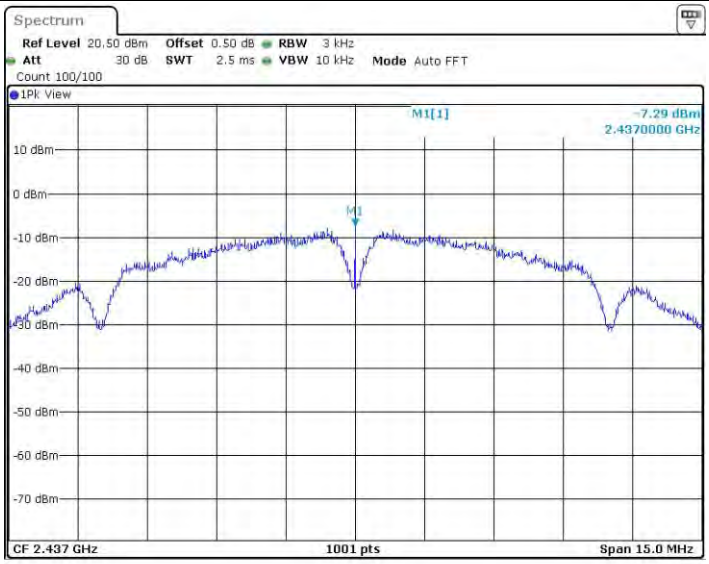

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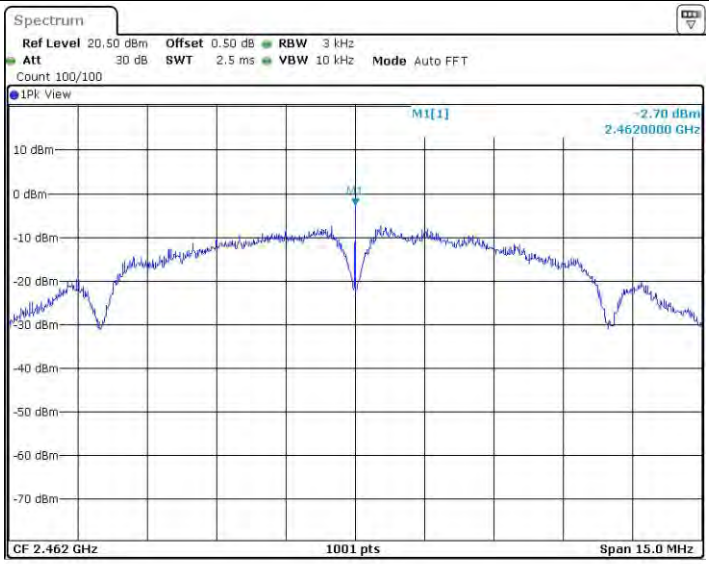

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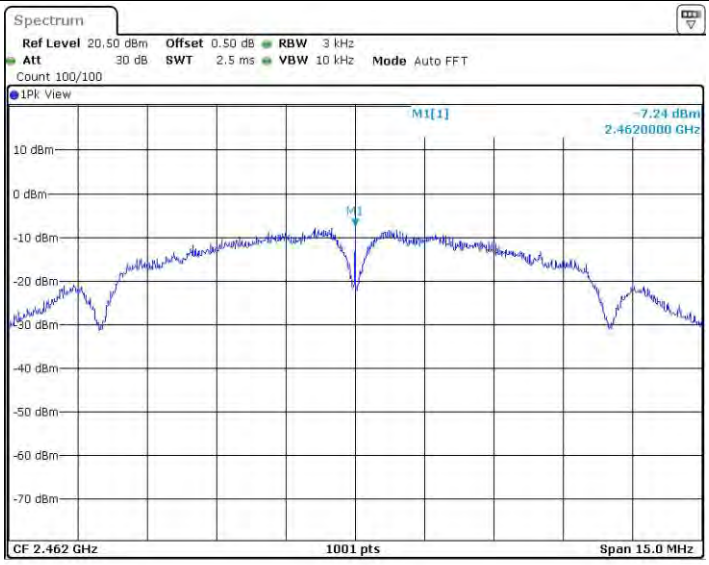

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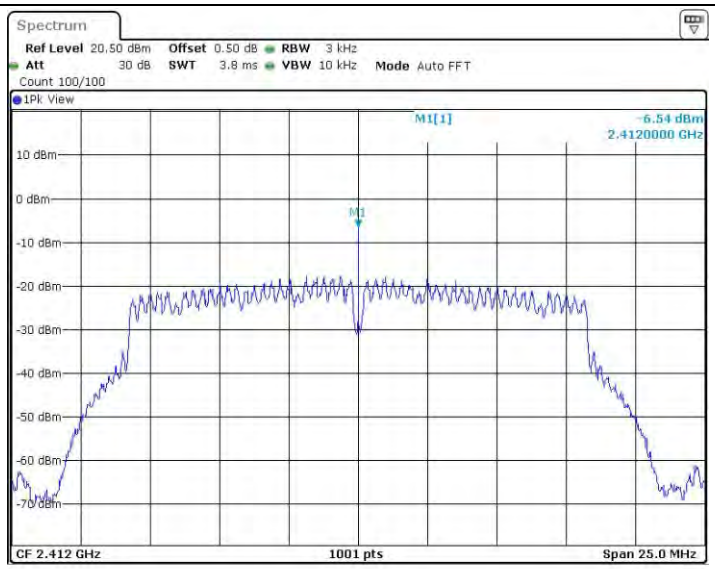

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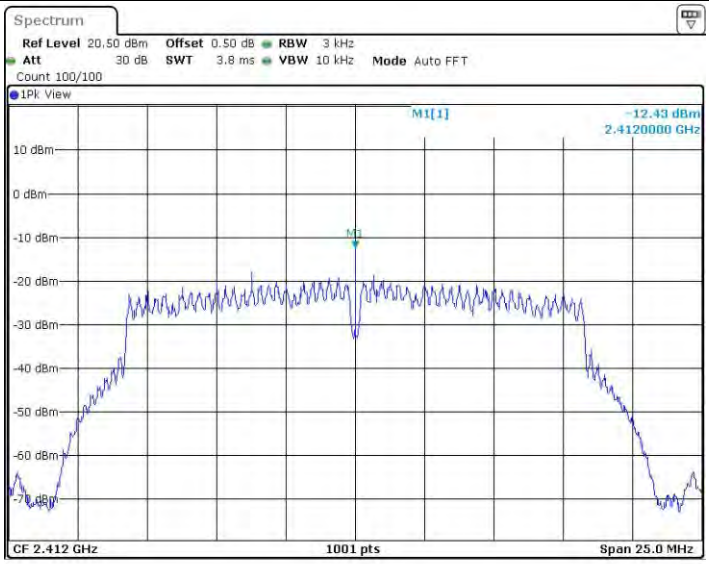

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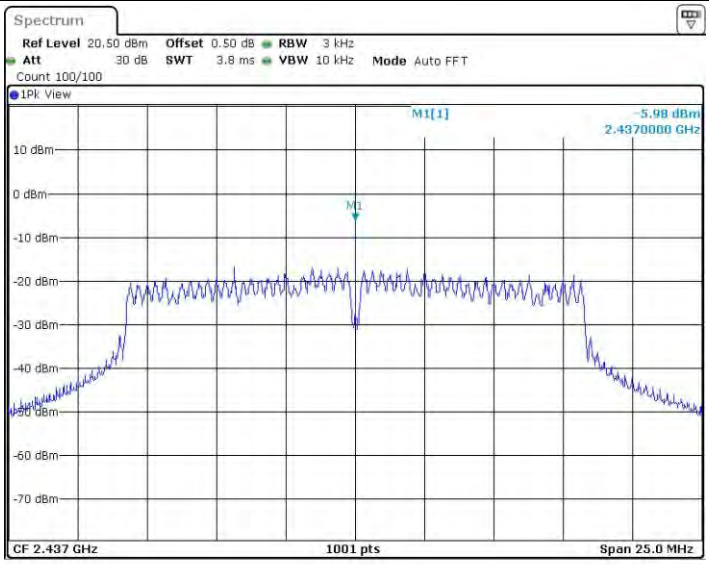

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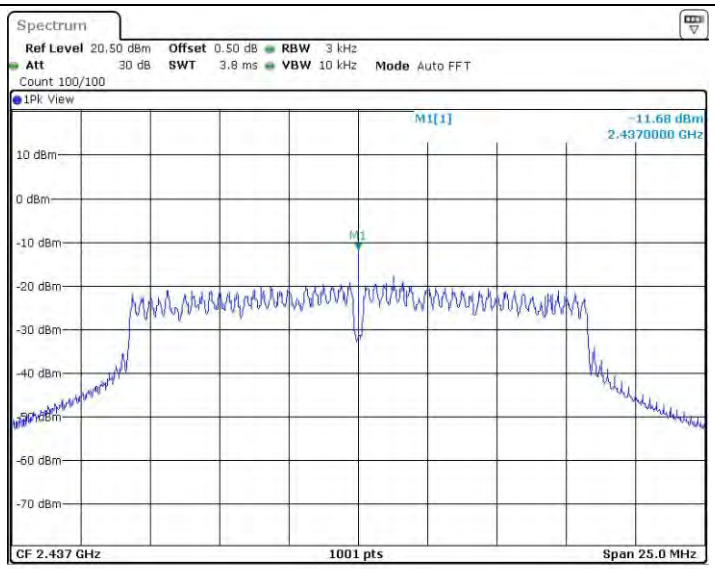

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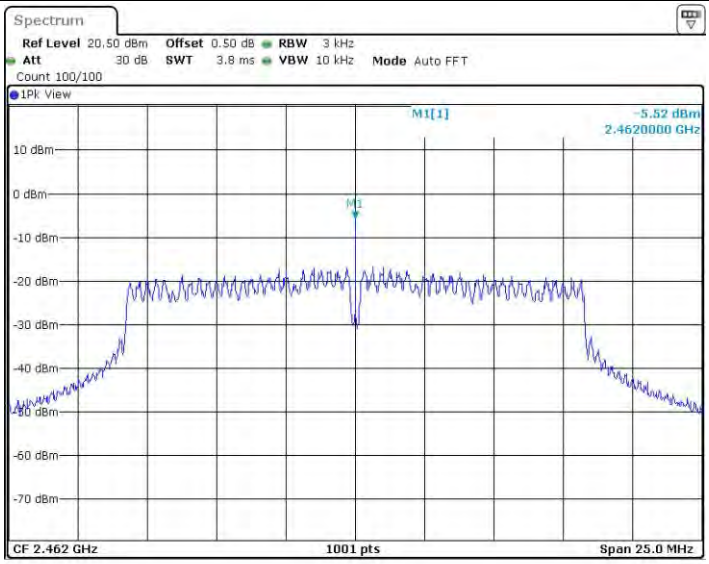

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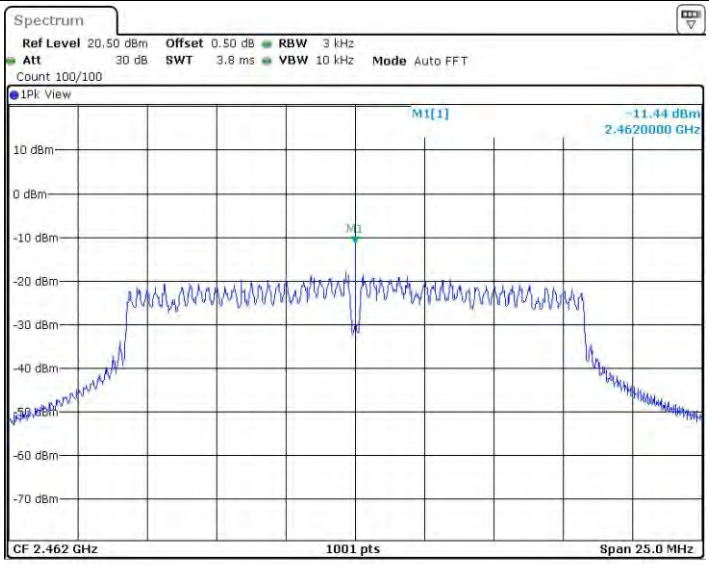

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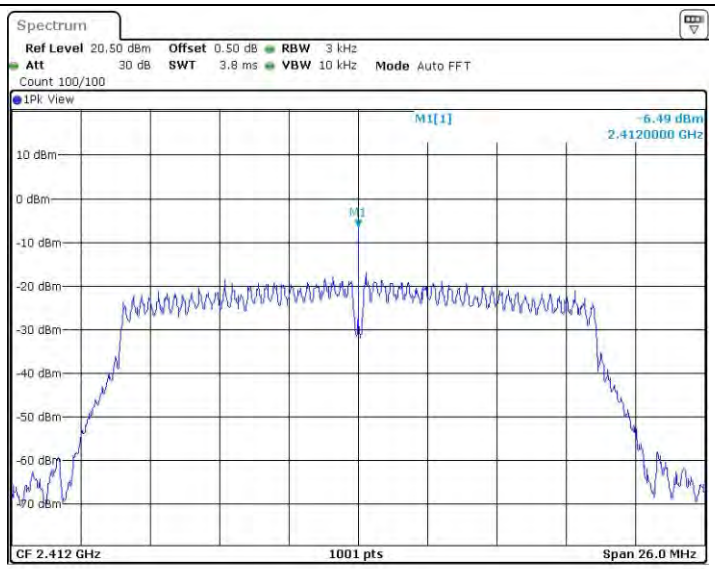

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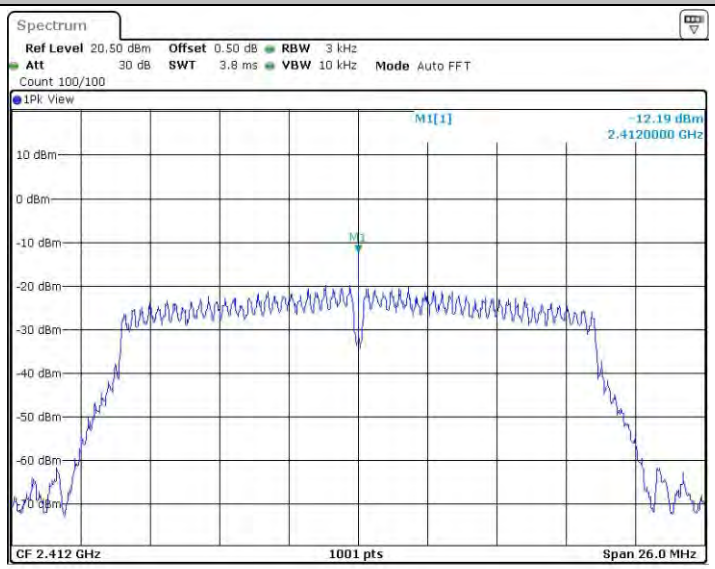

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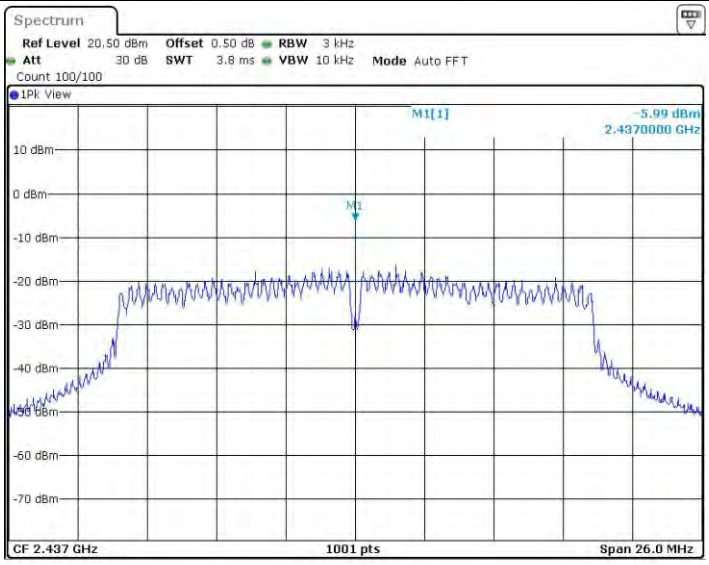

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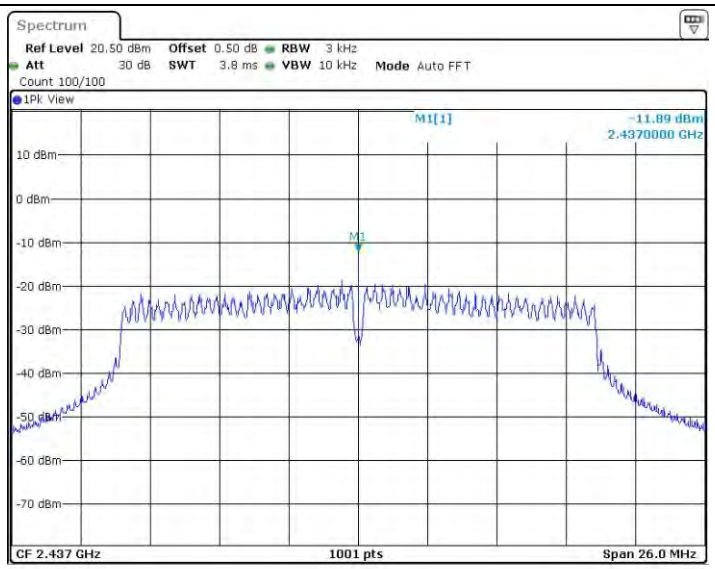

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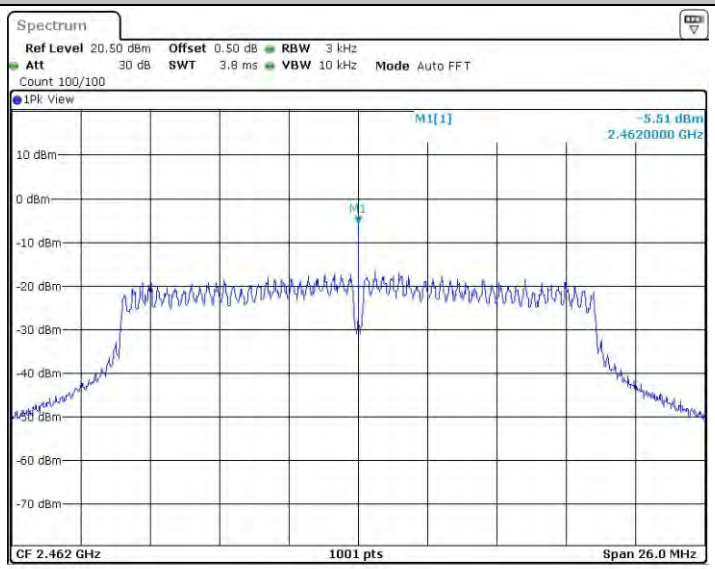

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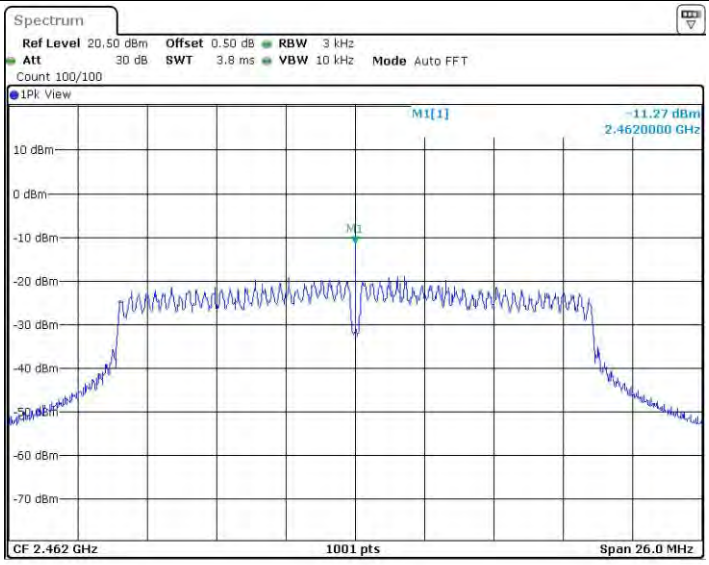

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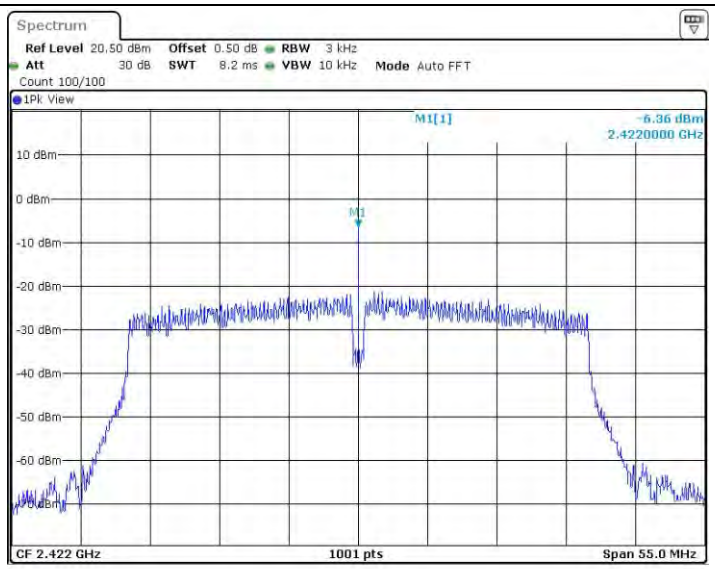

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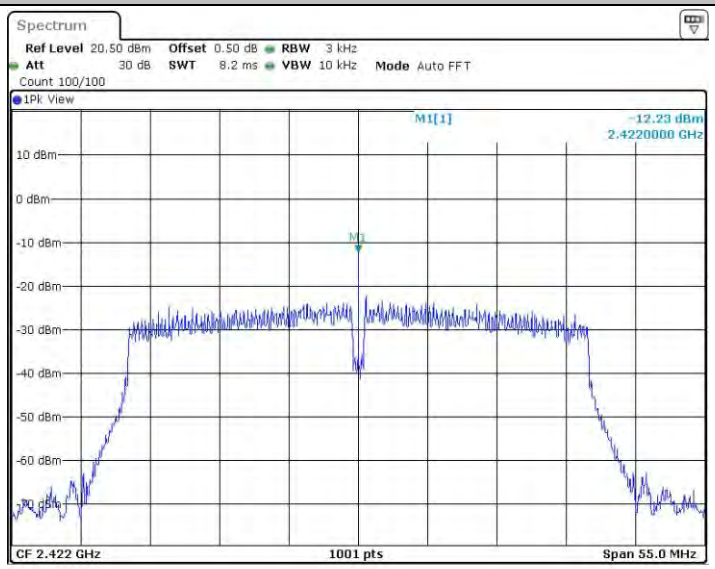

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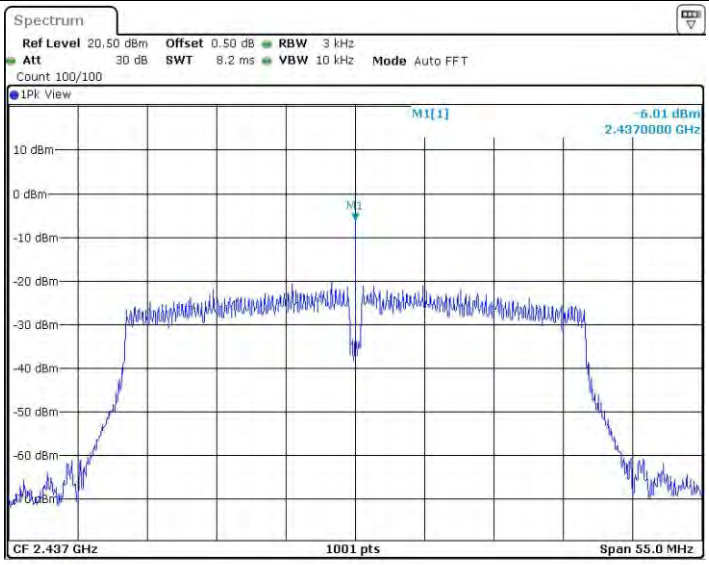

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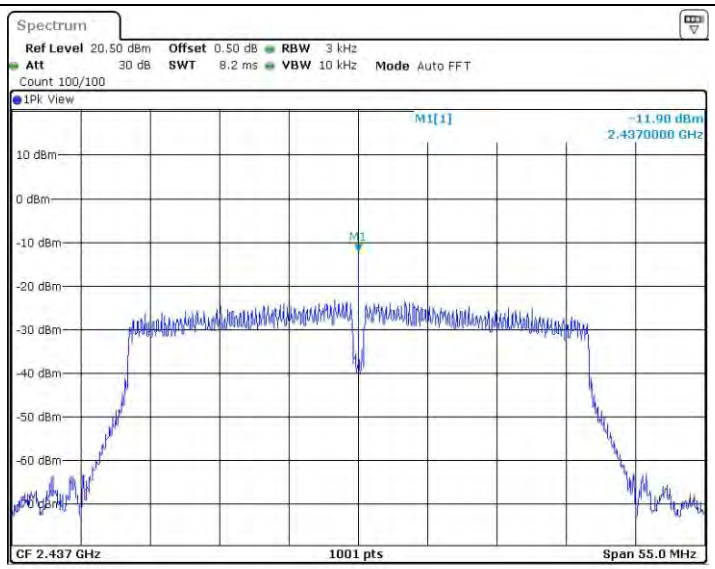

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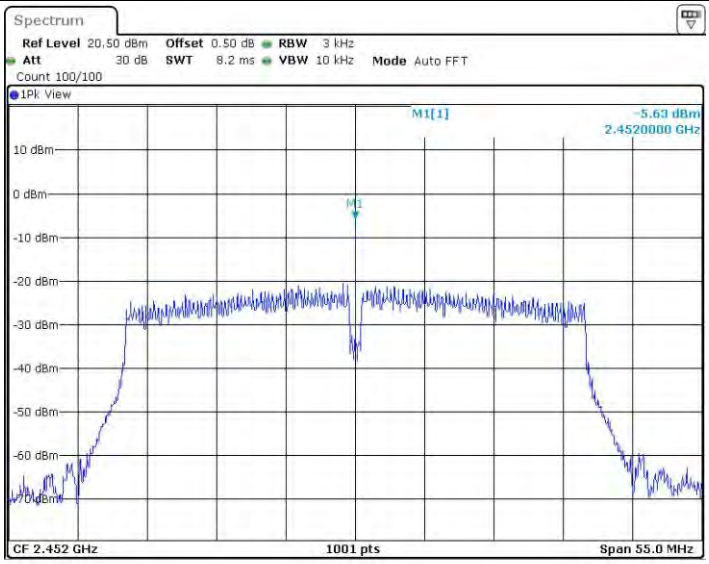

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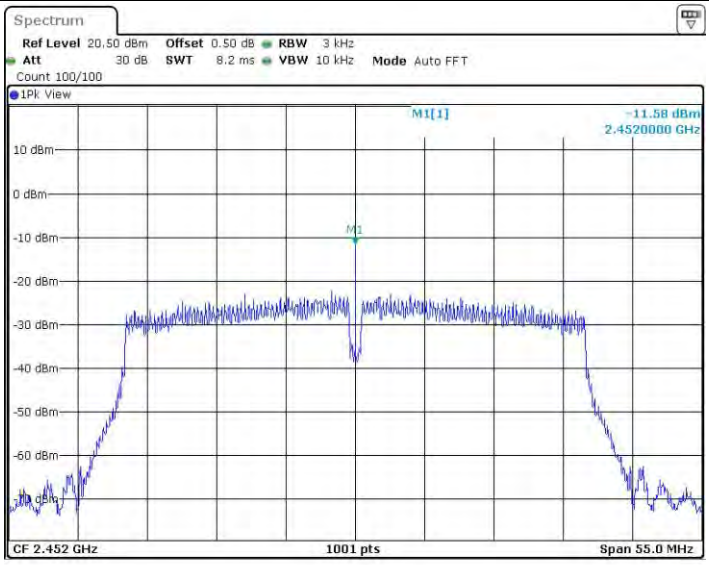

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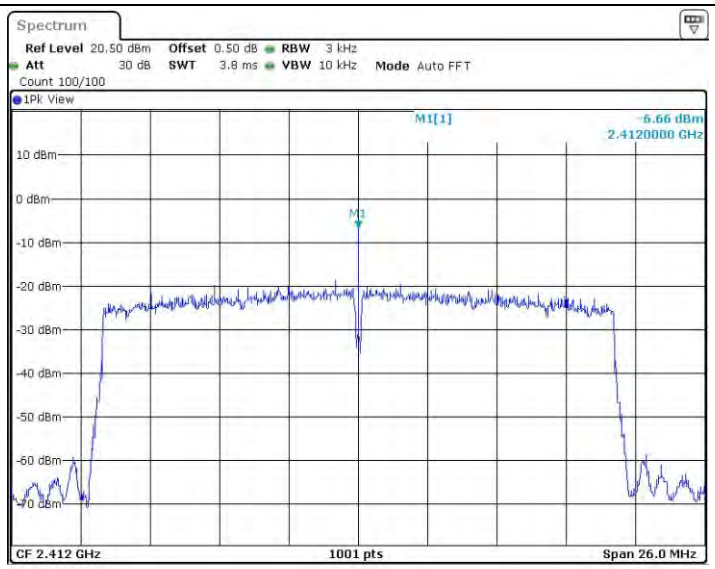

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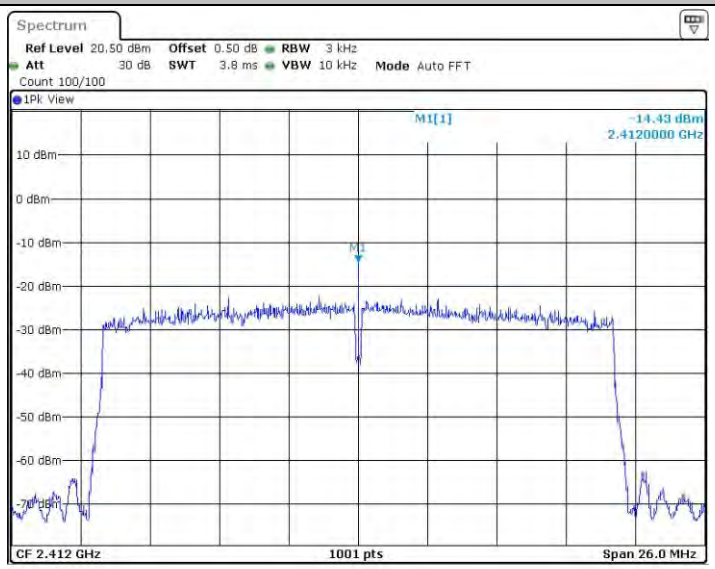

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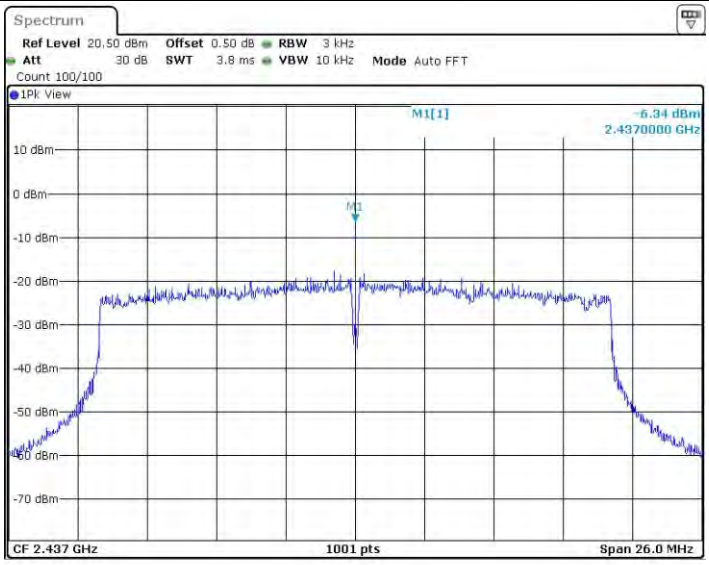

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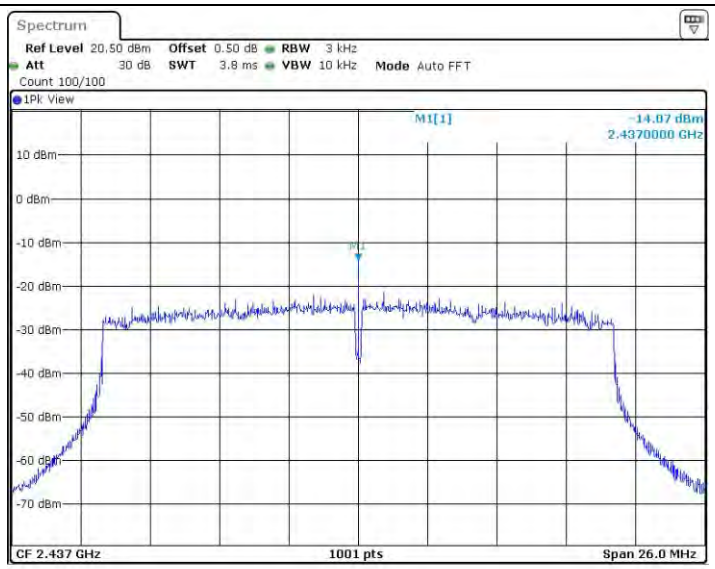

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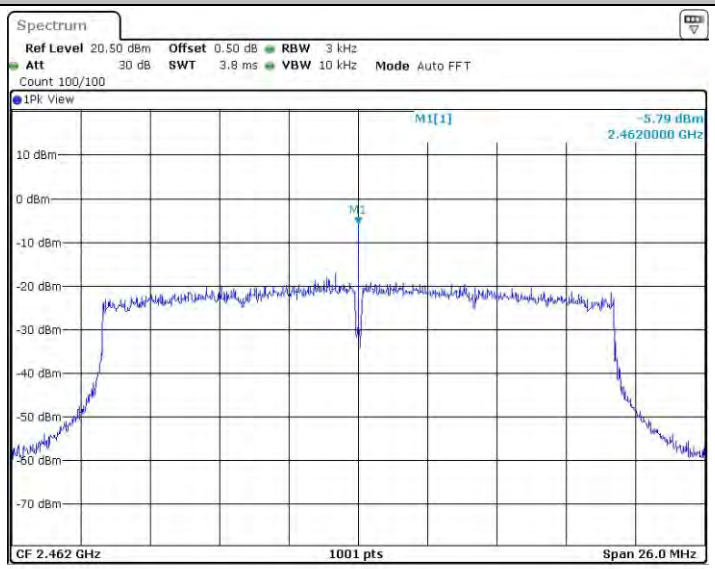

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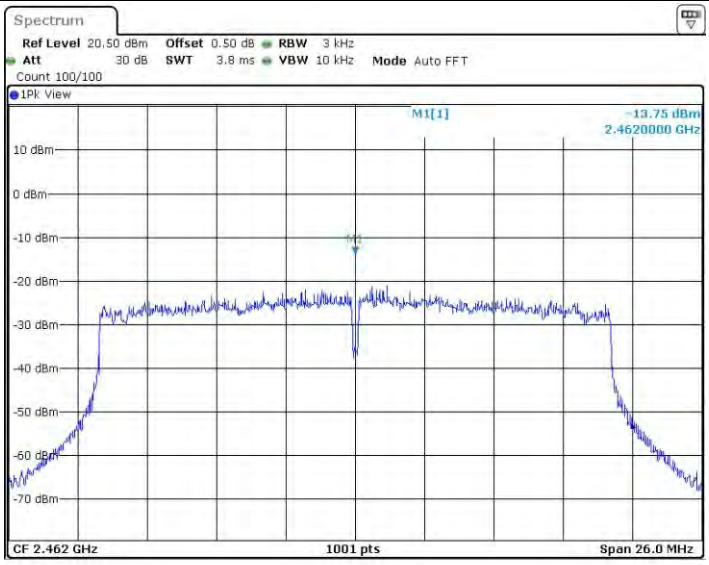

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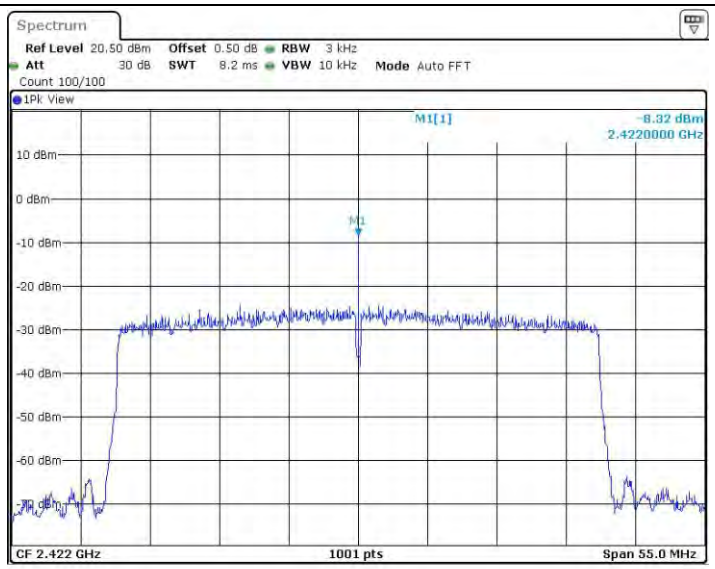

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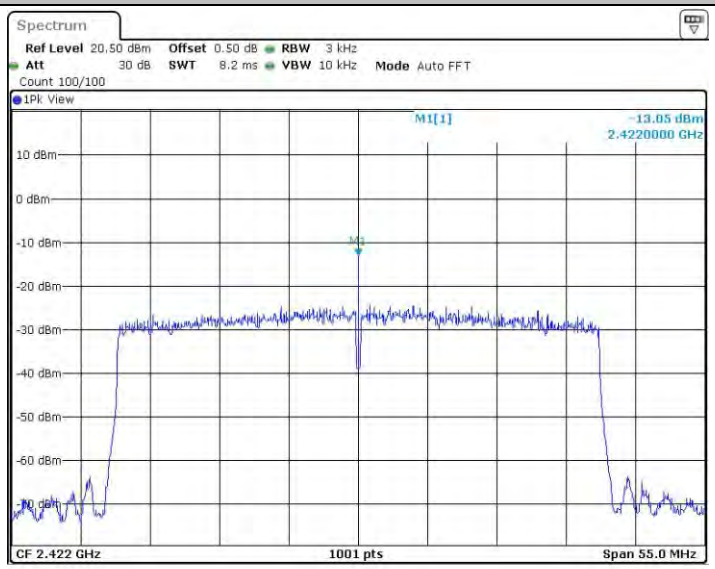

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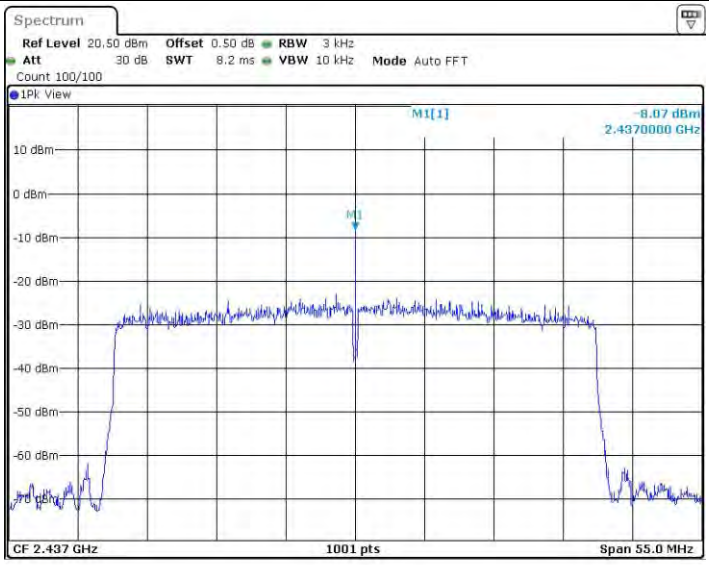

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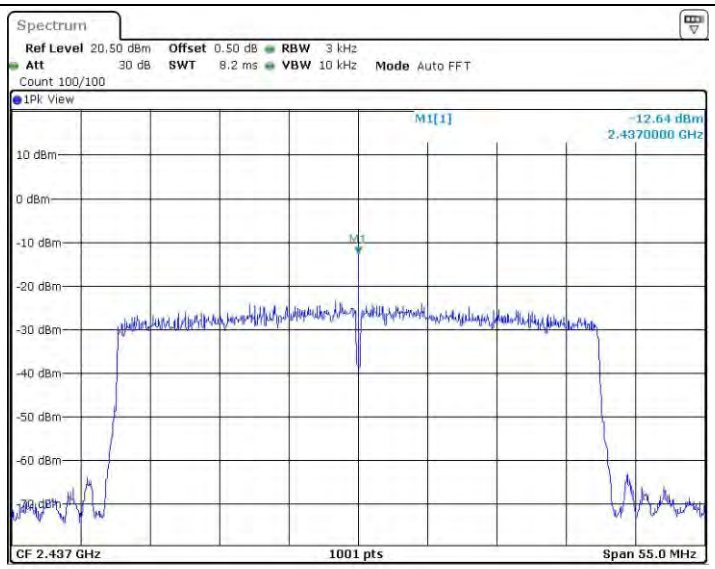

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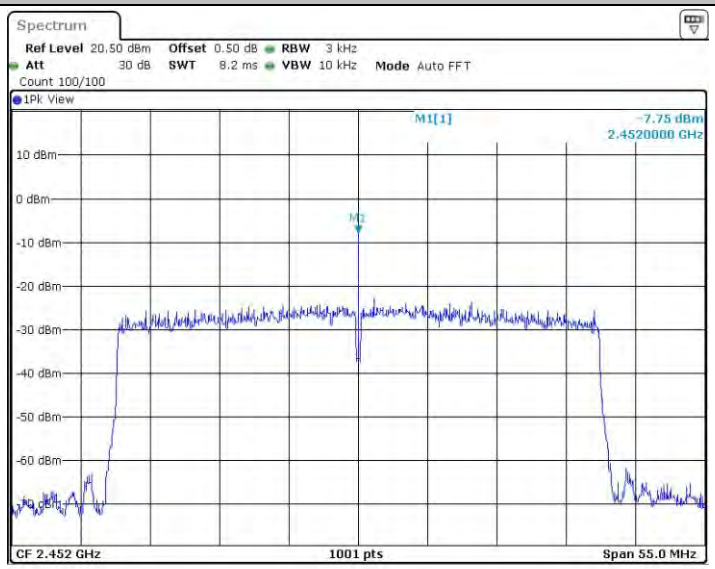

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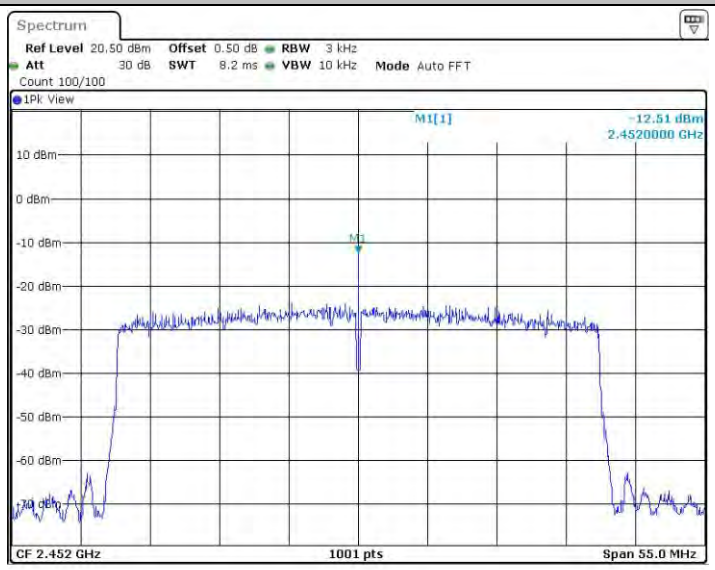

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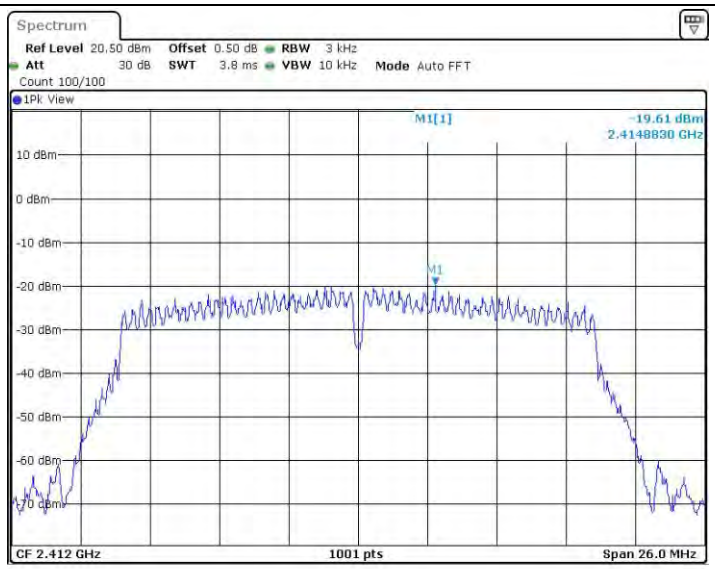

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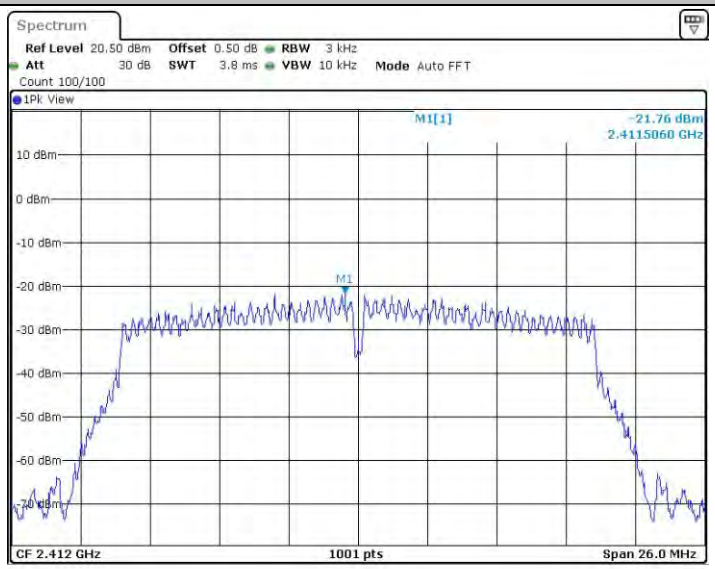

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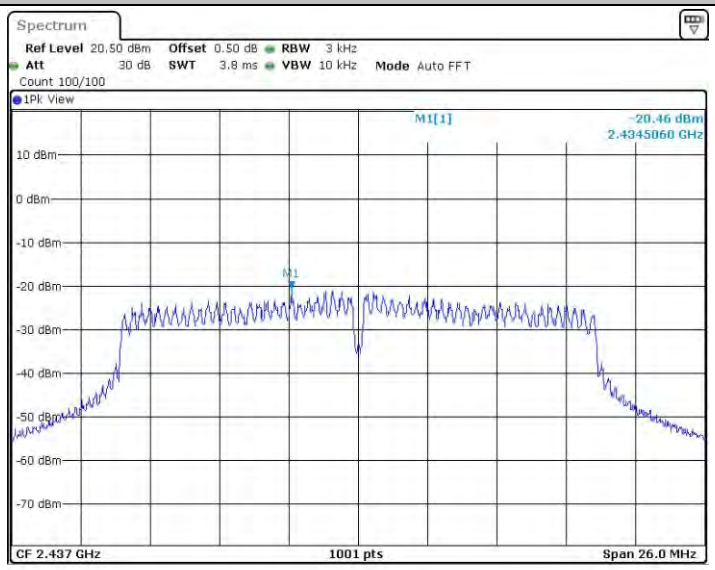

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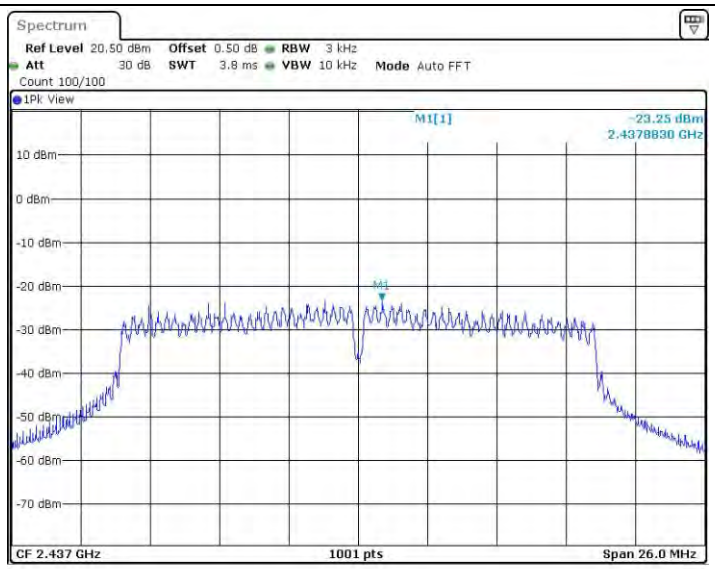

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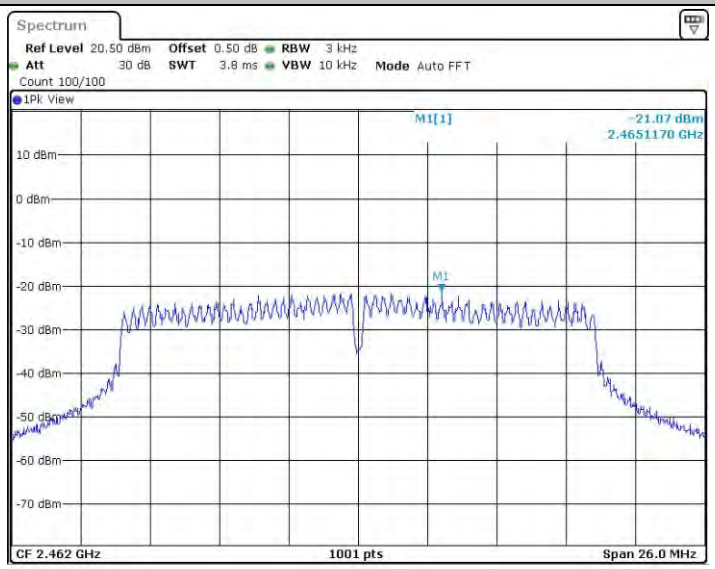

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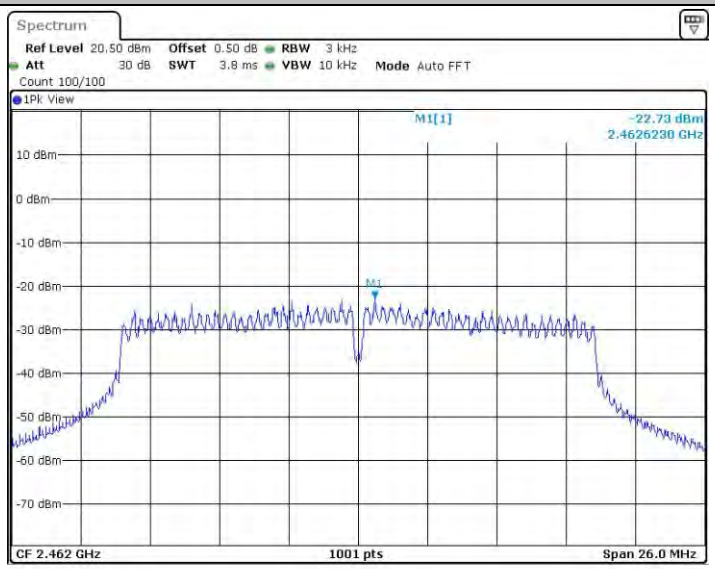

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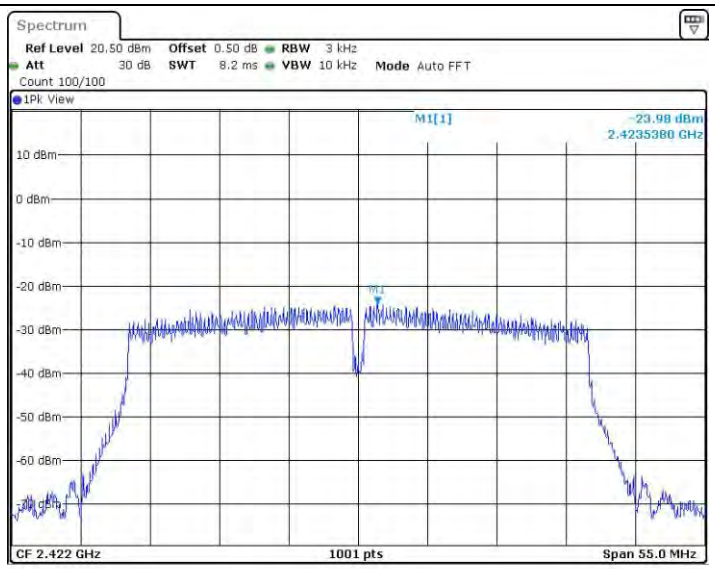

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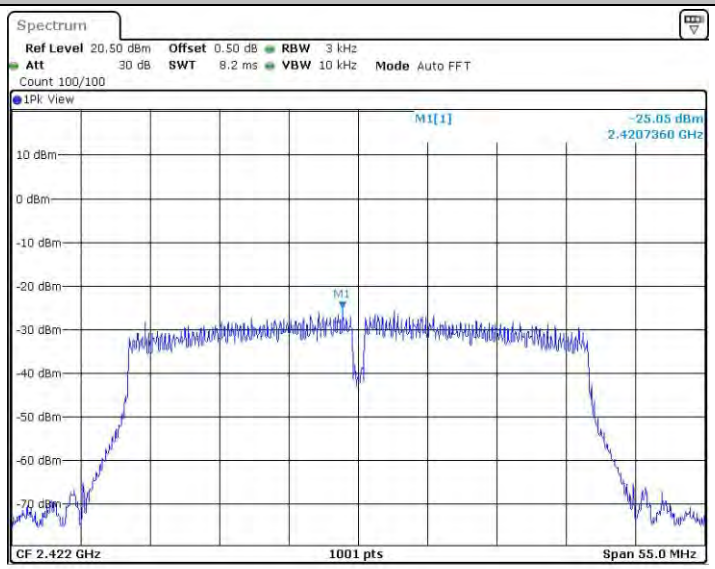

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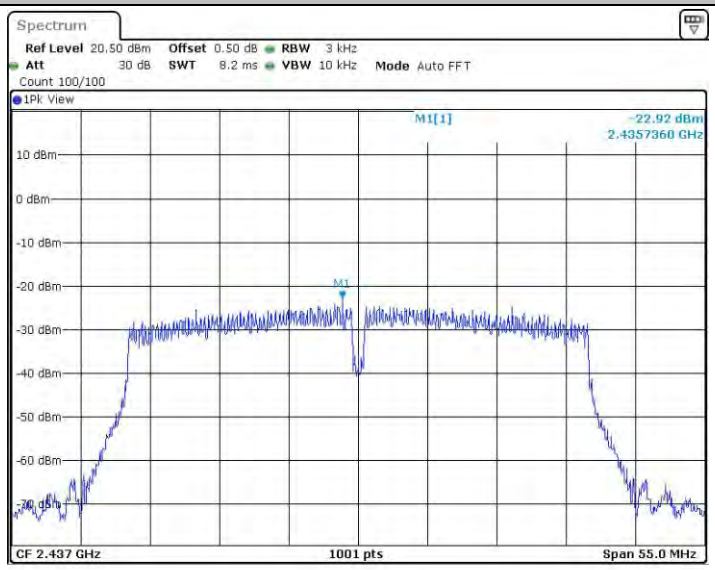

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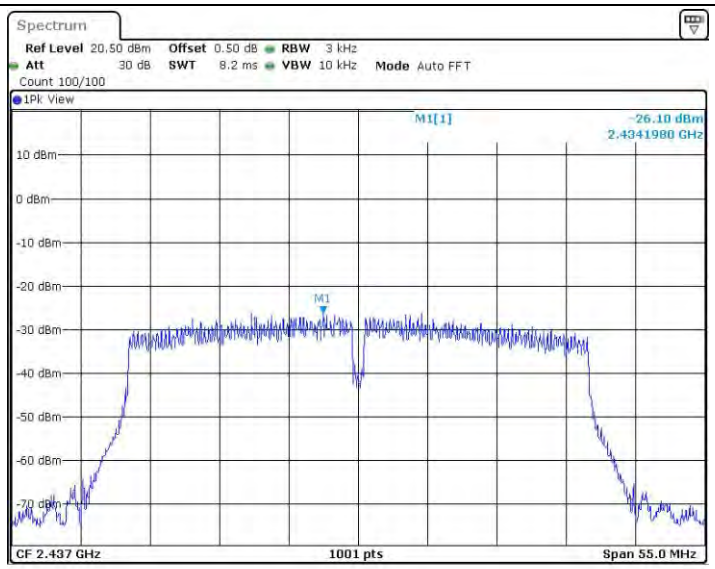

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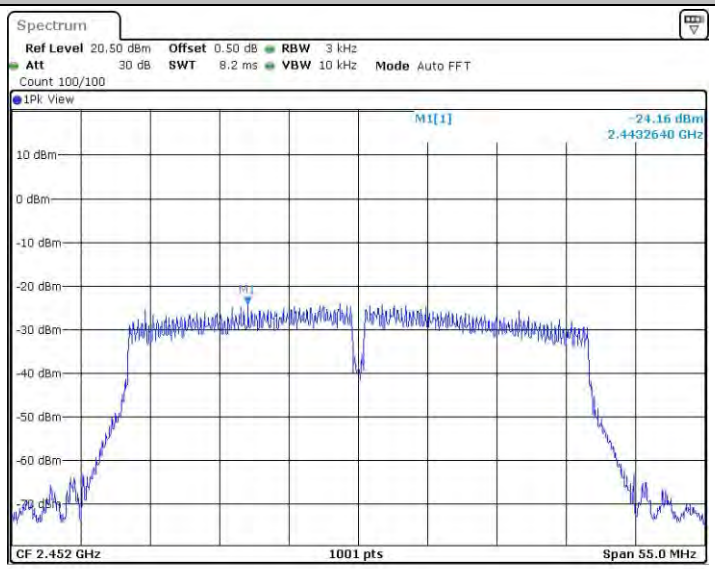

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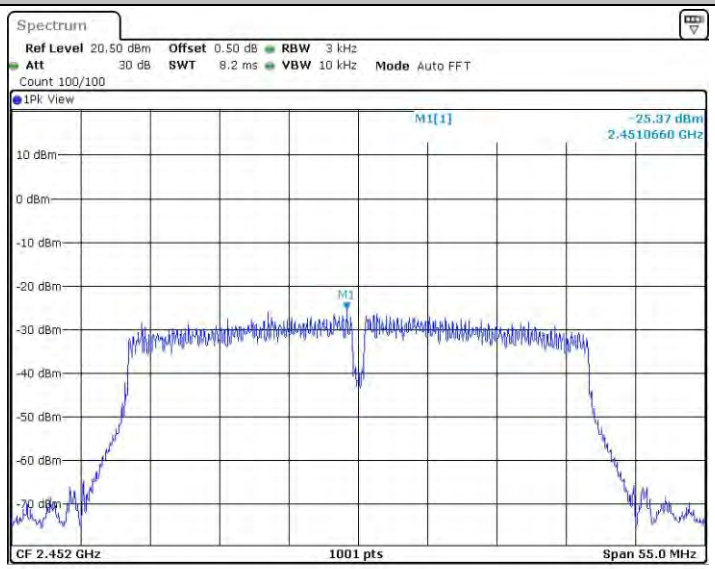

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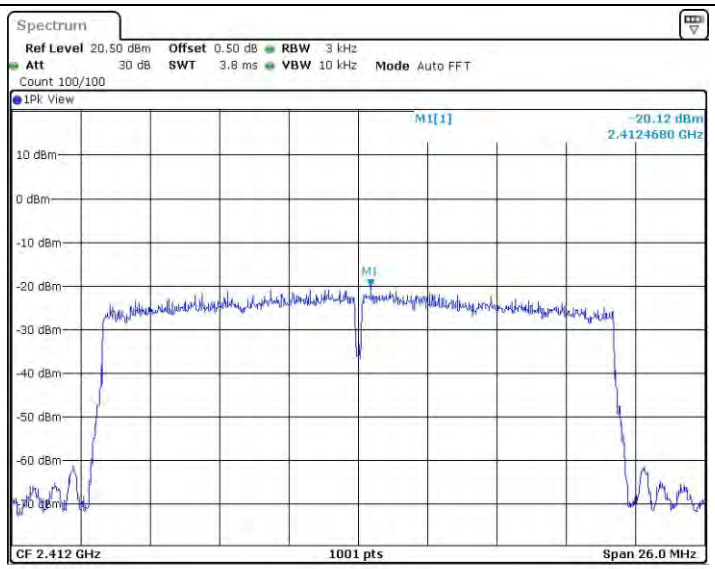

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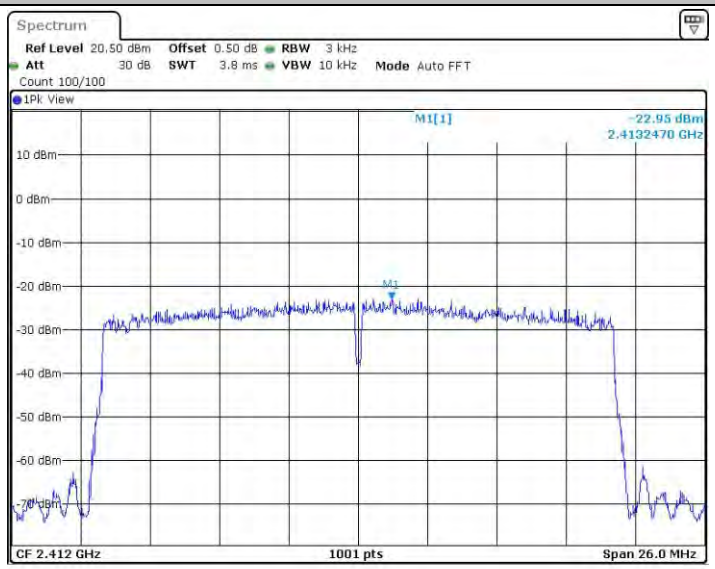

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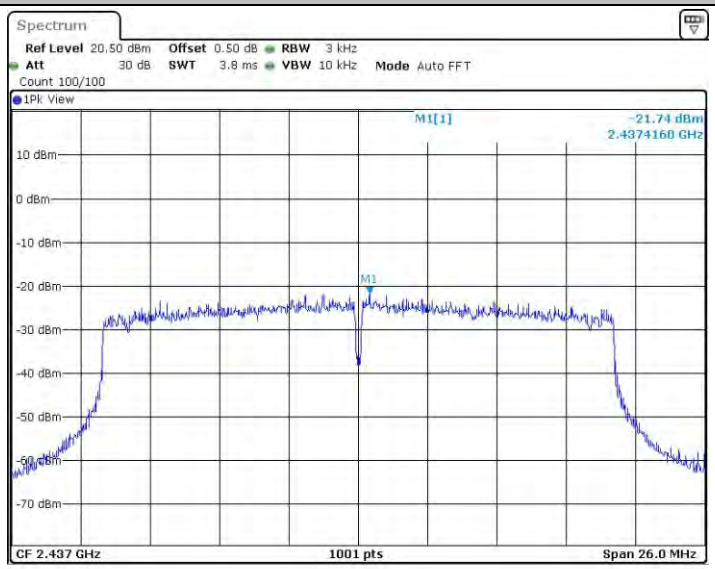

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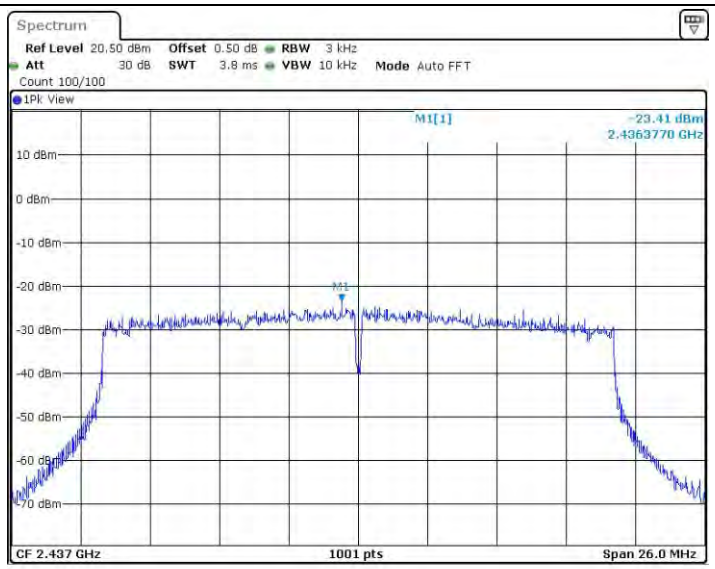

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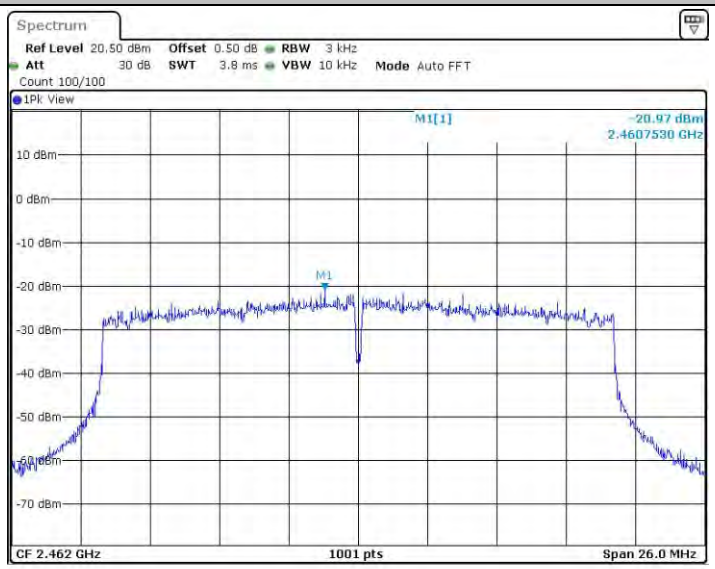

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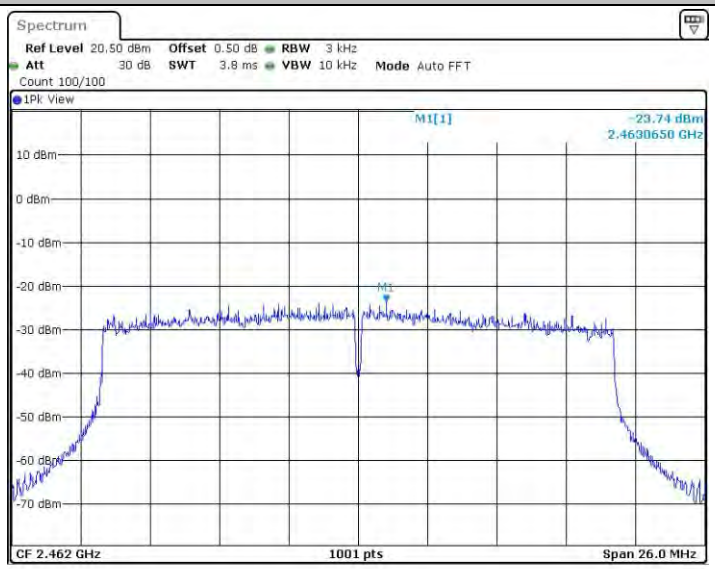

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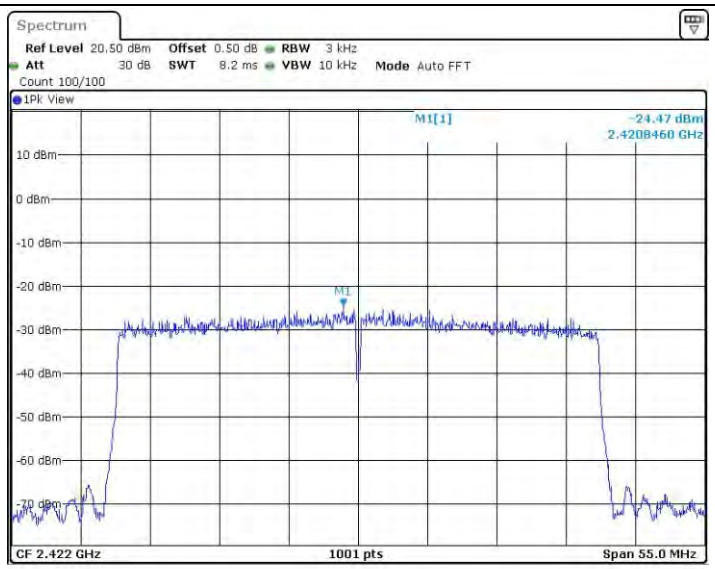

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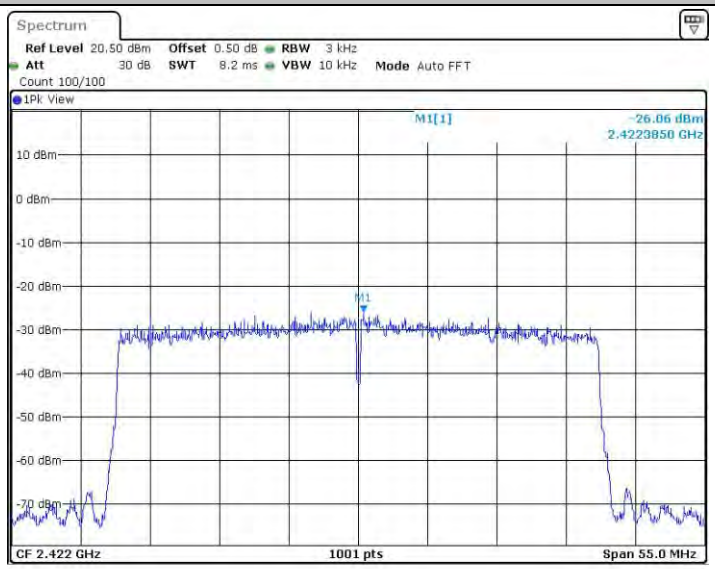

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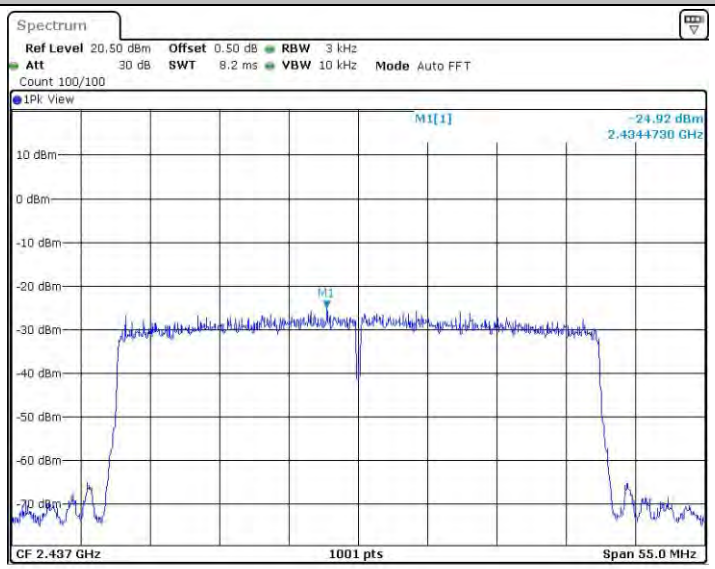

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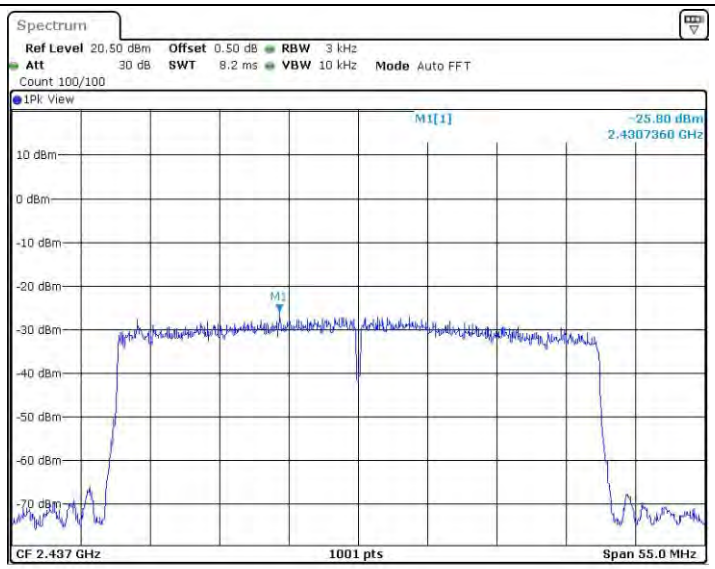

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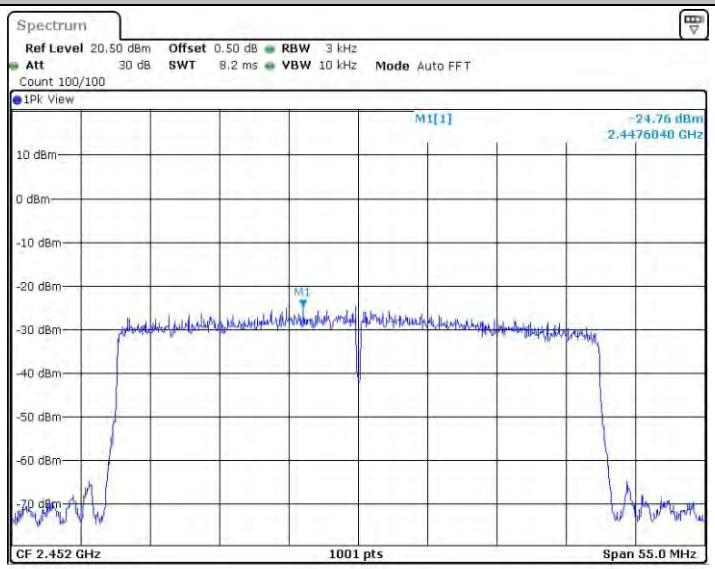

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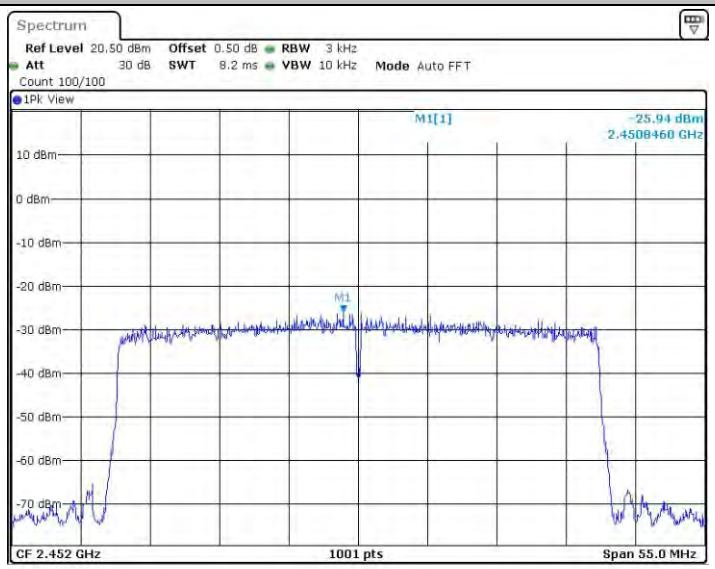

11AX40MIMO_Ant2_2452