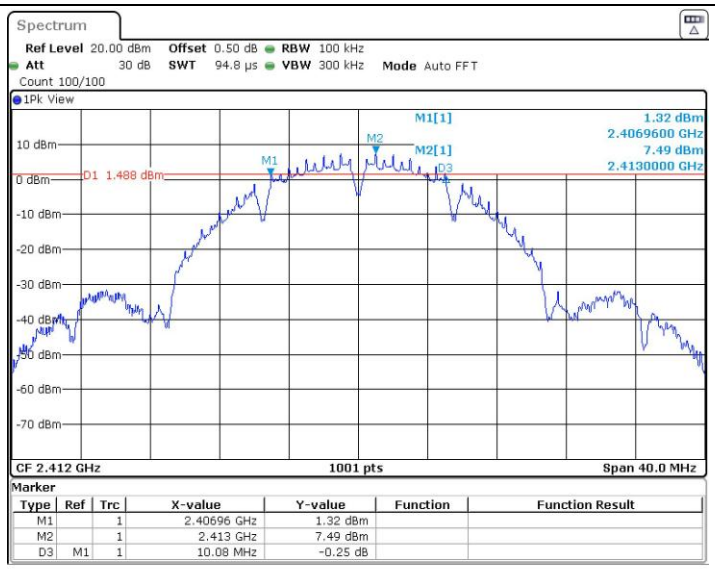
Appendix A1: DTS Bandwidth

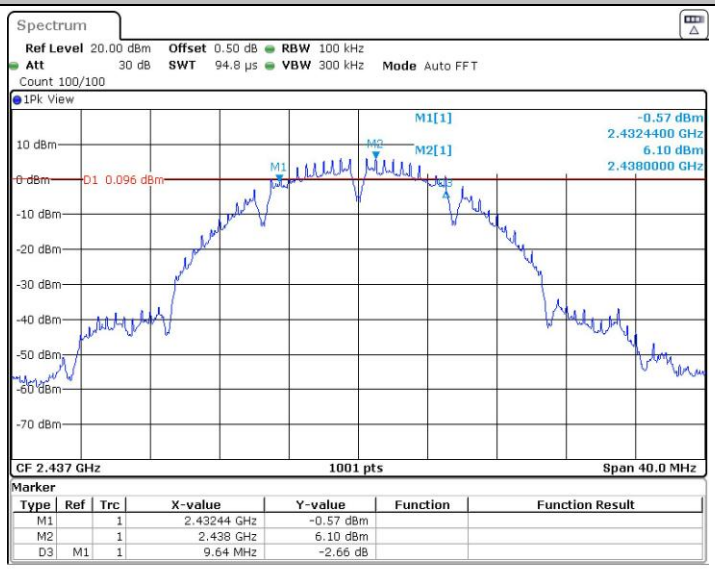
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	9.640	2432.440	2442.080	0.5	PASS
		2462	9.640	2457.400	2467.040	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.240	2403.560	2420.800	0.5	PASS
		2437	16.760	2428.440	2445.200	0.5	PASS
		2462	16.760	2453.440	2470.200	0.5	PASS
11N40SISO	Ant1	2422	35.520	2404.160	2439.680	0.5	PASS
		2437	35.520	2419.160	2454.680	0.5	PASS
		2452	35.280	2434.400	2469.680	0.5	PASS
11AX20SISO	Ant1	2412	17.920	2403.200	2421.120	0.5	PASS
		2437	18.280	2427.960	2446.240	0.5	PASS
		2462	18.560	2452.640	2471.200	0.5	PASS
11AX40SISO	Ant1	2422	37.520	2403.040	2440.560	0.5	PASS
		2437	37.680	2417.880	2455.560	0.5	PASS
		2452	38.000	2433.120	2471.120	0.5	PASS

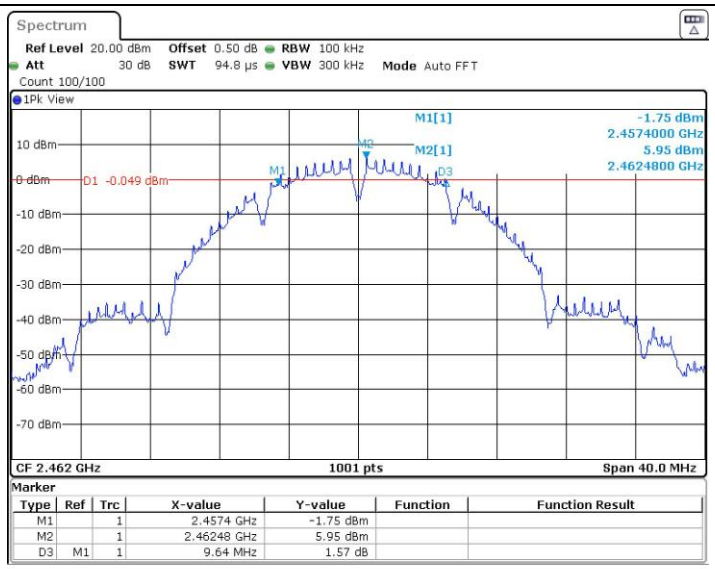
Test Graphs



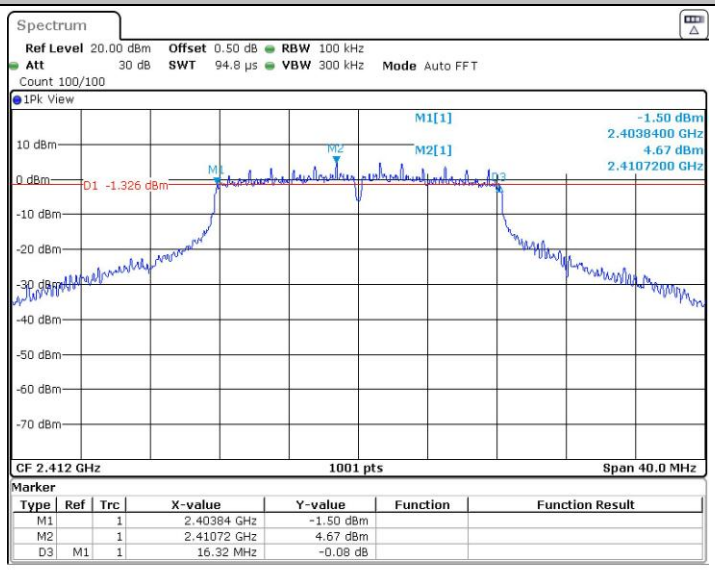
11B_Ant1_2412



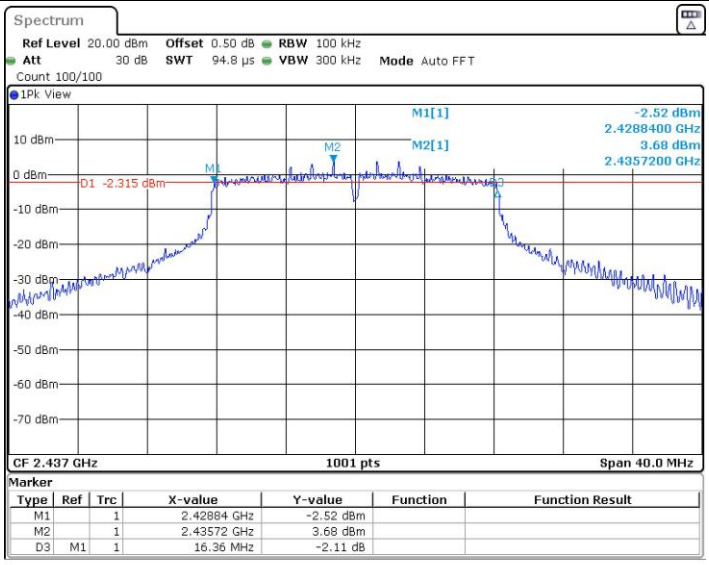
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



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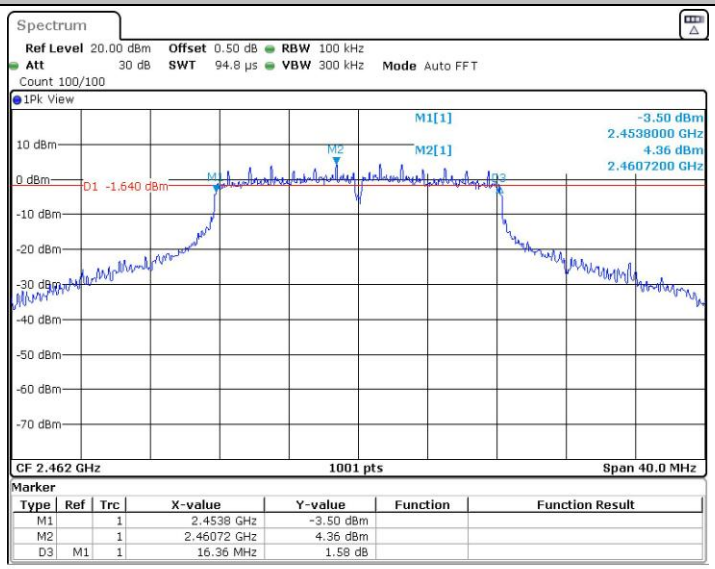
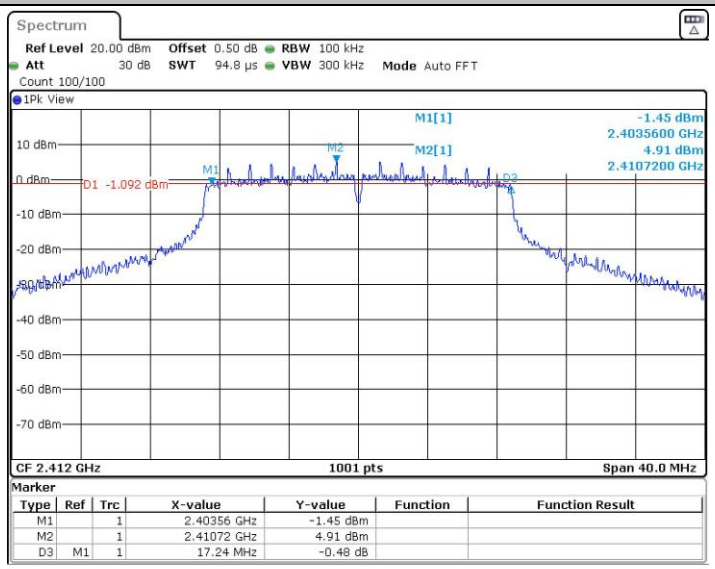
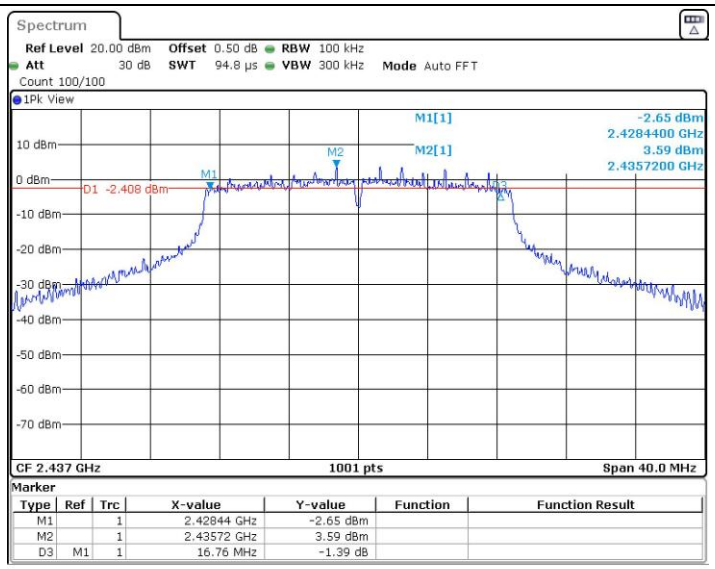


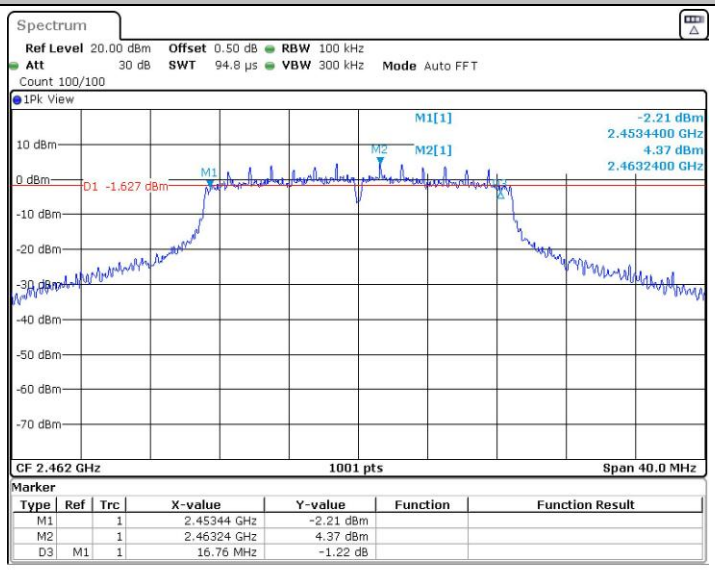
11G_Ant1_2462



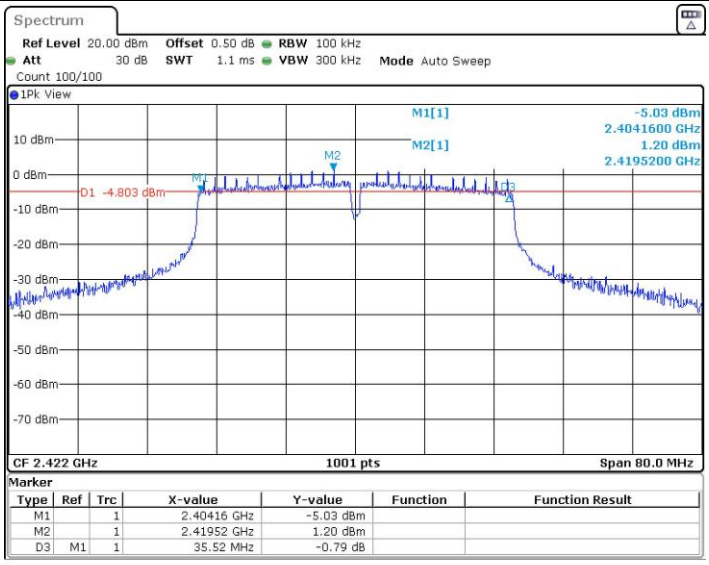
11N20SISO_Ant1_2412



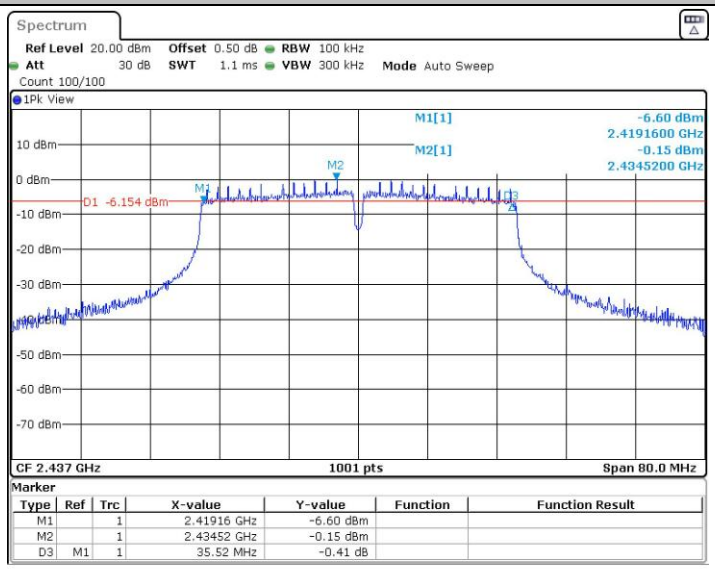
11N20SISO_Ant1_2437



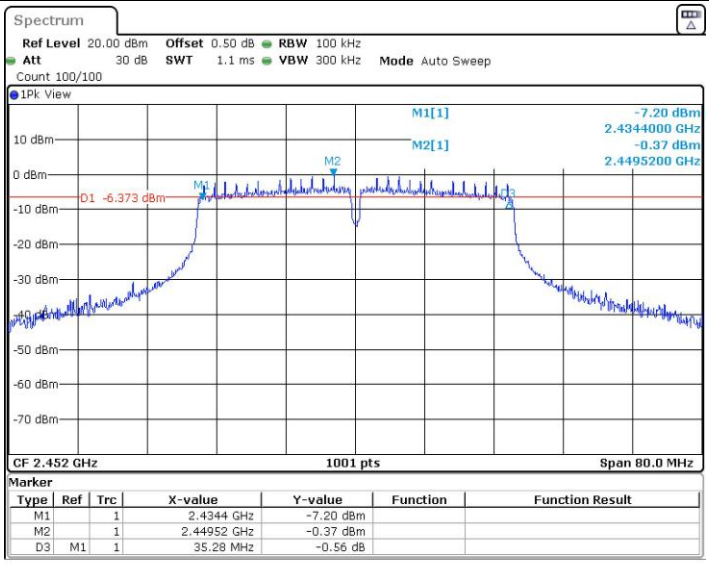
11N20SISO_Ant1_2462



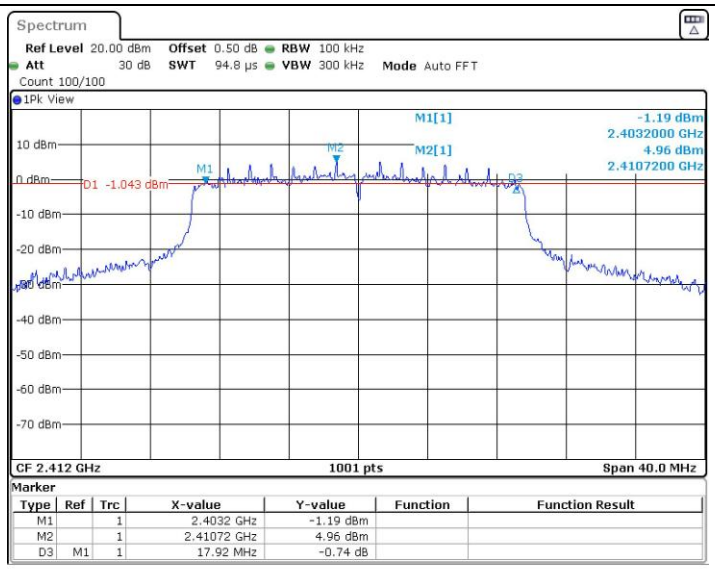
11N40SISO_Ant1_2422



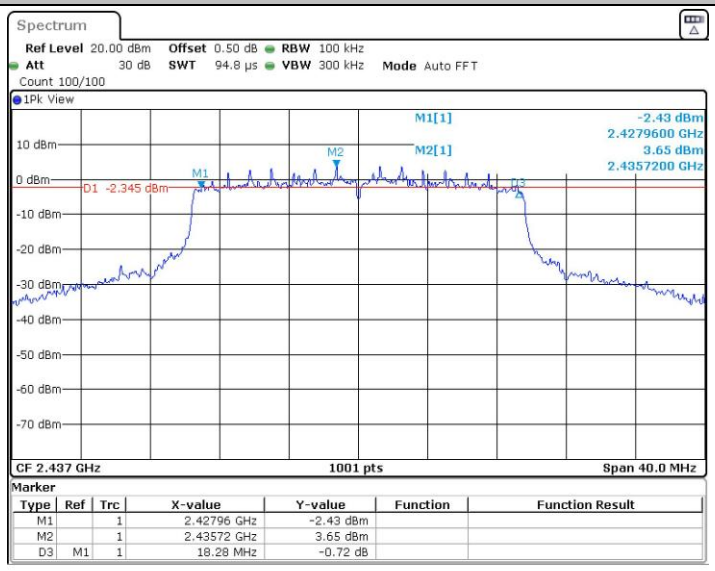
11N40SISO_Ant1_2437



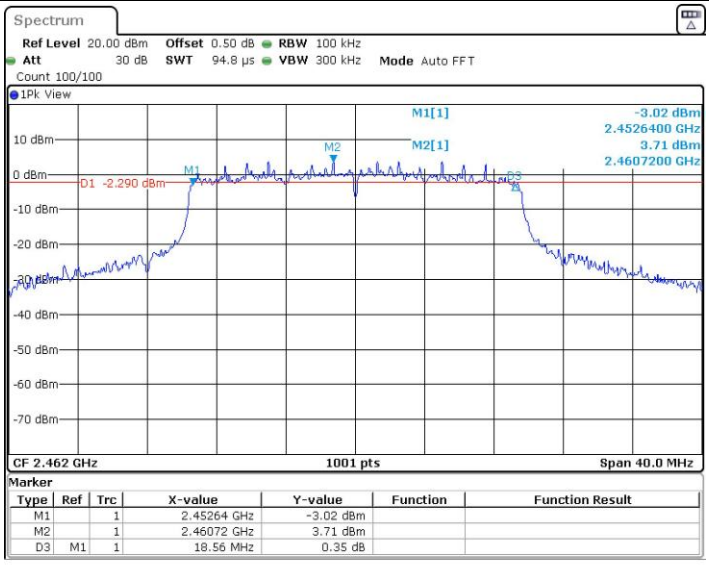
11N40SISO_Ant1_2452



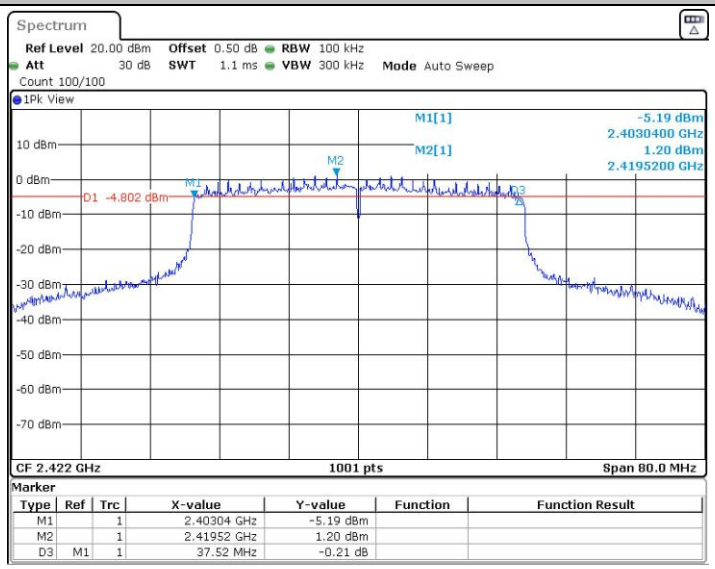
11AX20SISO_Ant1_2412



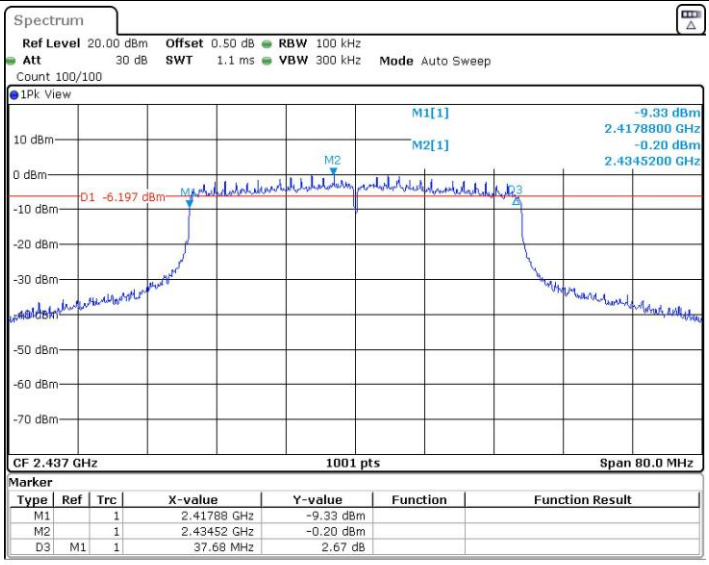
11AX20SISO_Ant1_2437



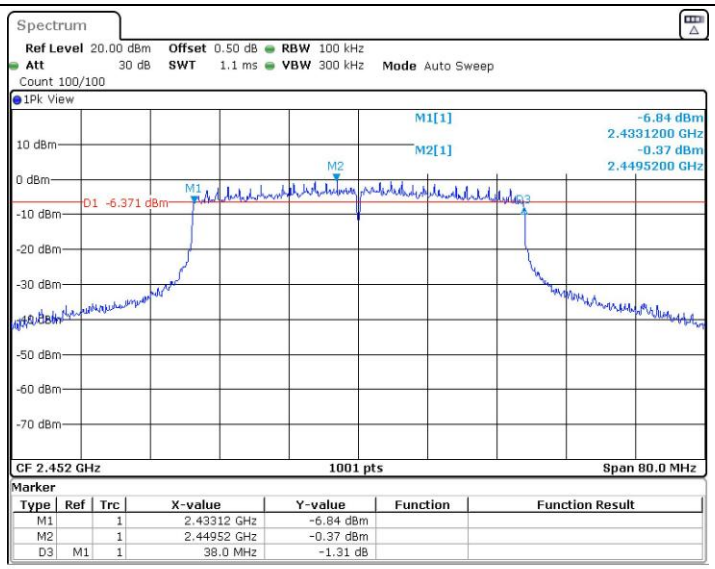
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



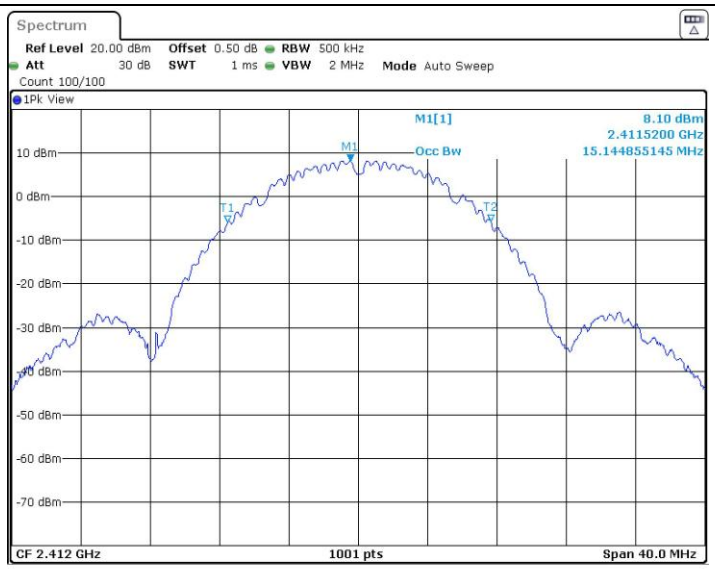
11AX40SISO_Ant1_2452

Appendix A2: Occupied Channel Bandwidth

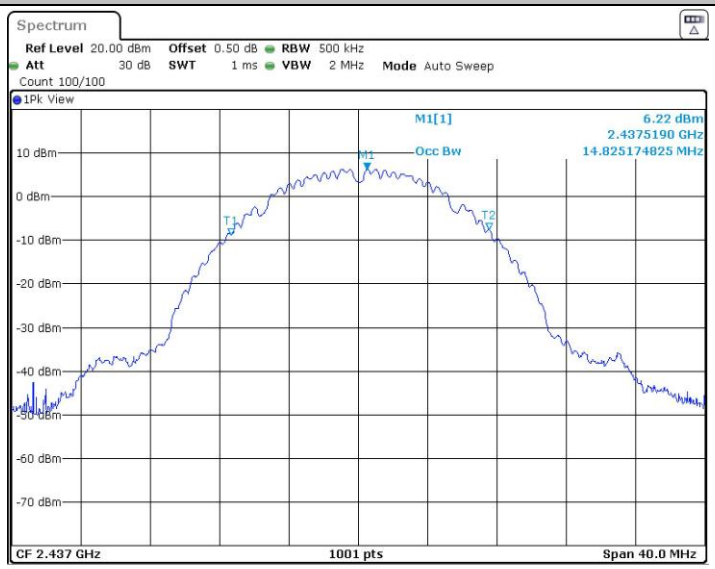
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.145	2404.488	2419.632	---	PASS
		2437	14.825	2429.687	2444.512	---	PASS
		2462	14.865	2454.687	2469.552	---	PASS
11G	Ant1	2412	18.741	2402.529	2421.271	---	PASS
		2437	18.581	2427.689	2446.271	---	PASS
		2462	18.821	2452.609	2471.431	---	PASS
11N20SISO	Ant1	2412	19.86	2401.970	2421.830	---	PASS
		2437	19.381	2427.290	2446.670	---	PASS
		2462	19.62	2452.210	2471.830	---	PASS
11N40SISO	Ant1	2422	37.882	2402.979	2440.861	---	PASS
		2437	37.802	2418.059	2455.861	---	PASS
		2452	37.722	2433.139	2470.861	---	PASS
11AX20SISO	Ant1	2412	19.82	2402.090	2421.910	---	PASS
		2437	19.78	2427.170	2446.950	---	PASS
		2462	19.78	2452.170	2471.950	---	PASS
11AX40SISO	Ant1	2422	38.681	2402.659	2441.341	---	PASS
		2437	38.681	2417.659	2456.341	---	PASS
		2452	38.601	2432.739	2471.341	---	PASS

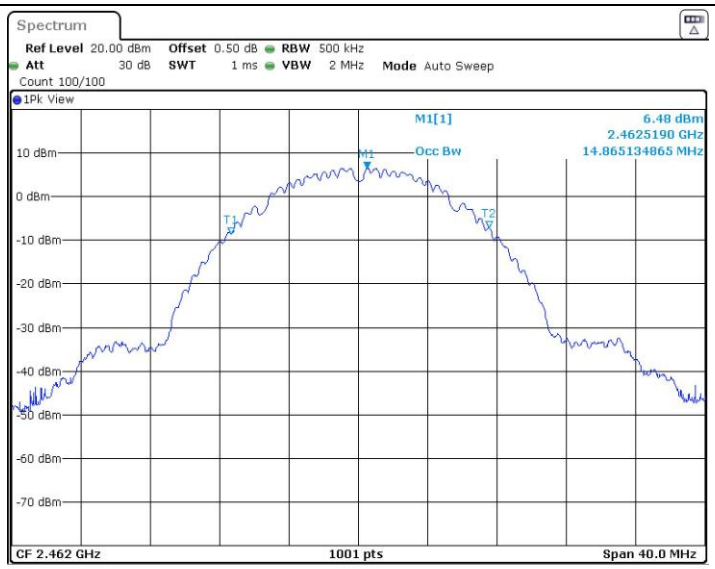
Test Graphs



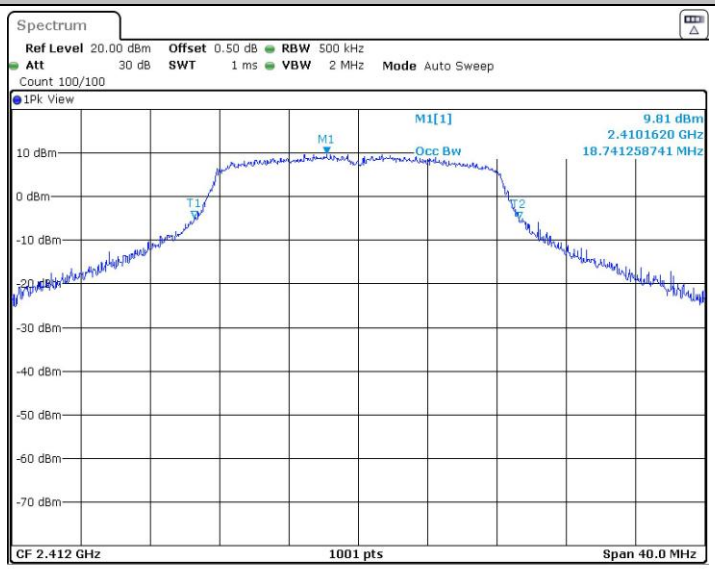
11B_Ant1_2412



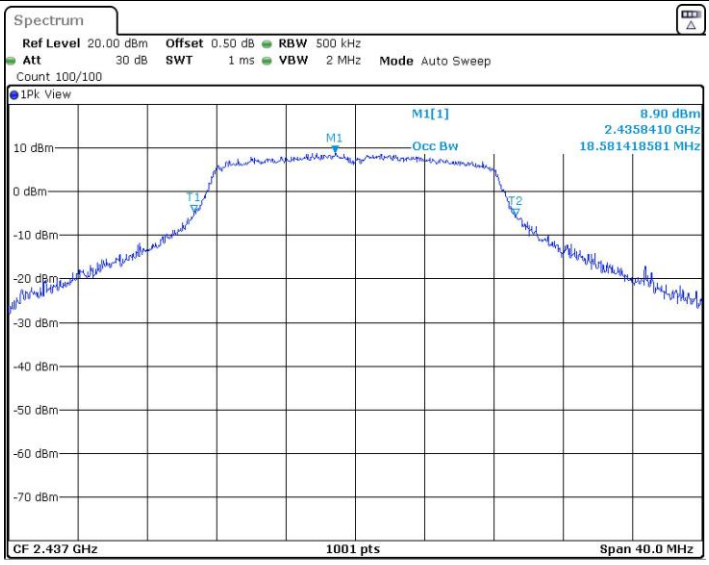
11B_Ant1_2437

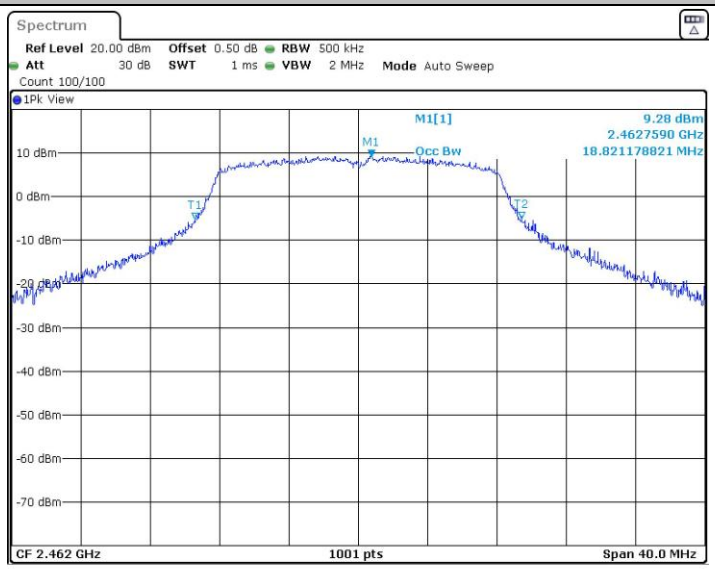


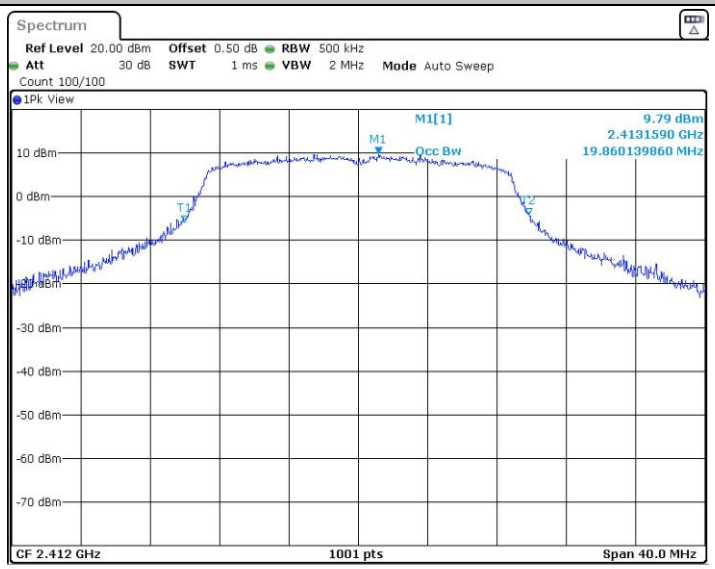
11B_Ant1_2462



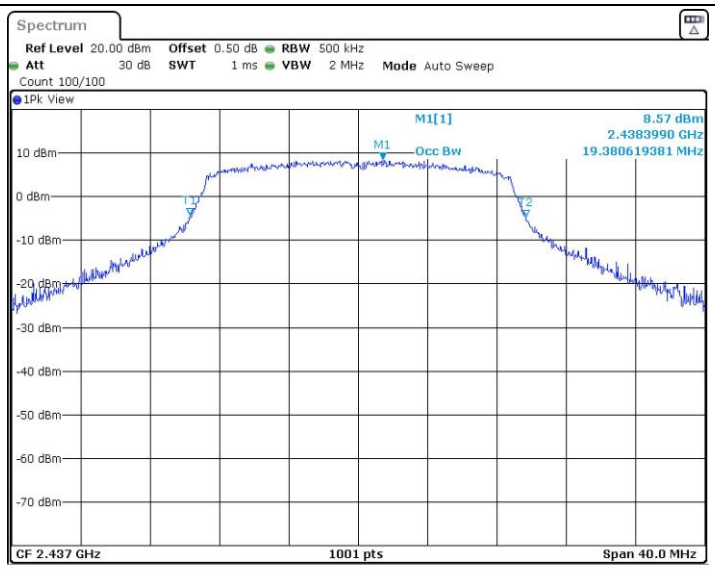
11G_Ant1_2412



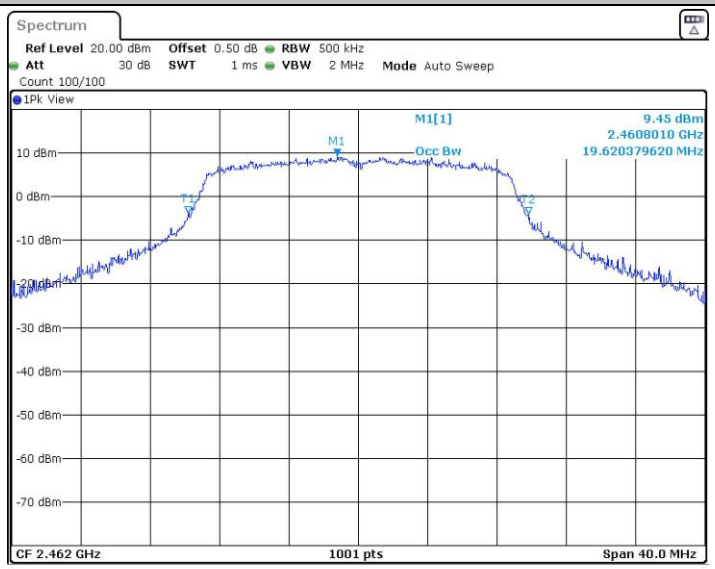
11G_Ant1_2437


11G_Ant1_2462


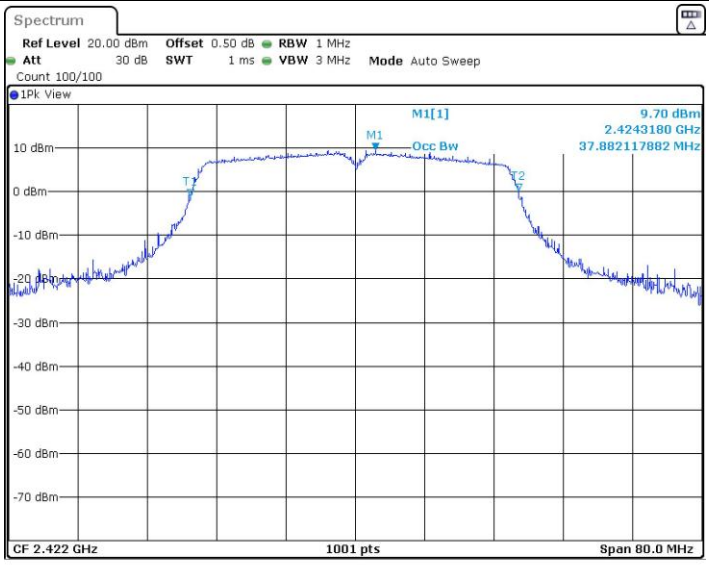
11N20SISO_Ant1_2412



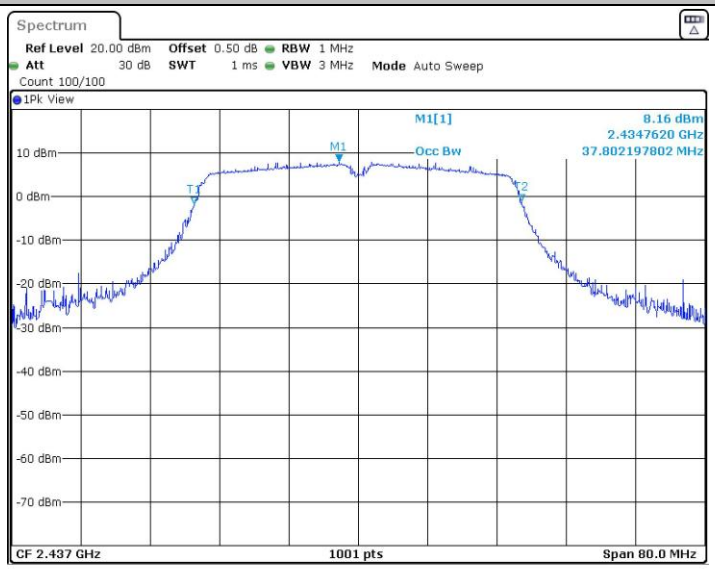
11N20SISO_Ant1_2437



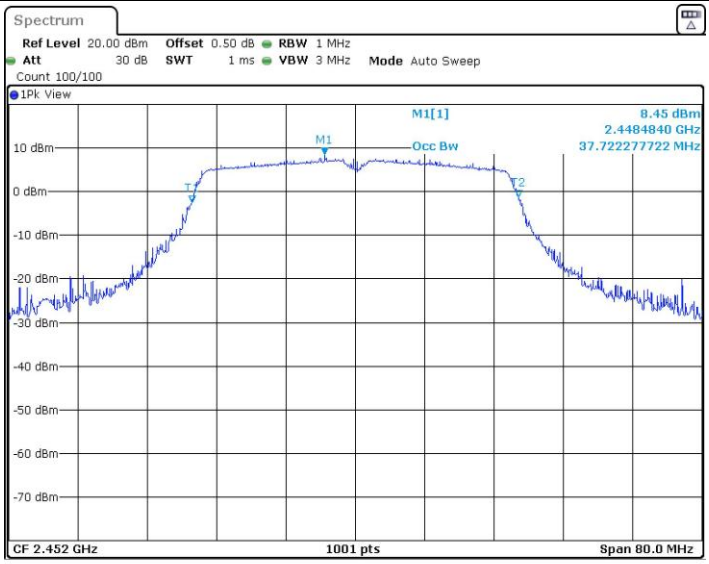
11N20SISO_Ant1_2462



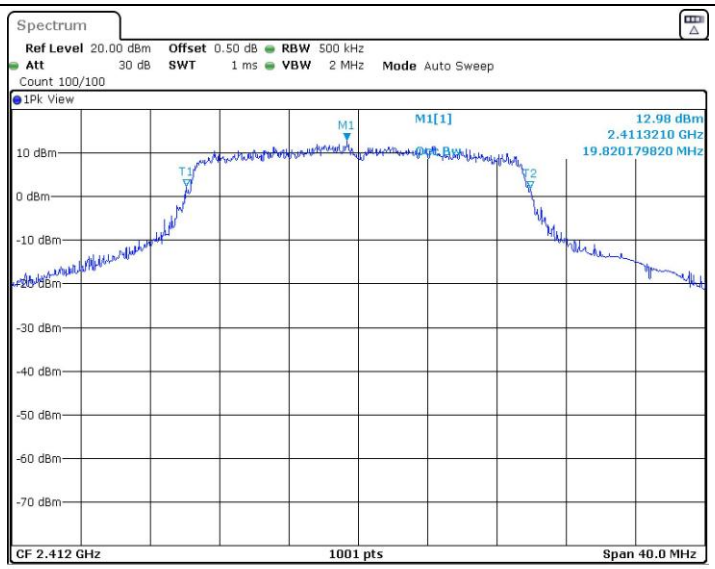
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437

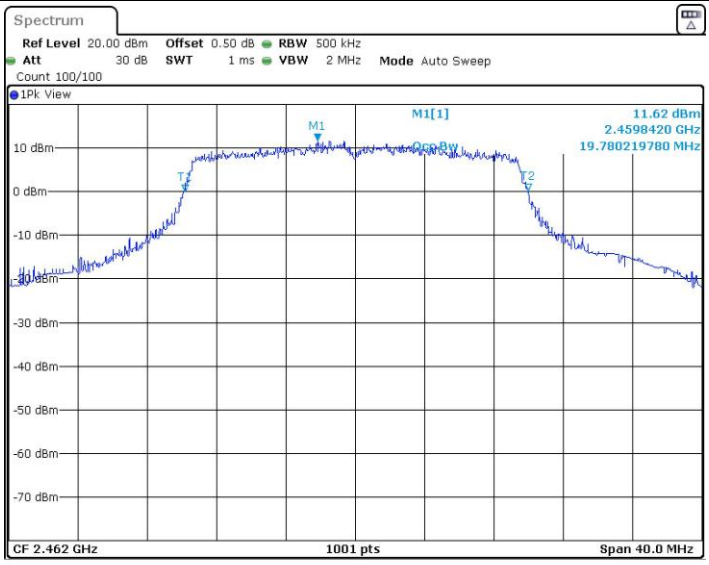


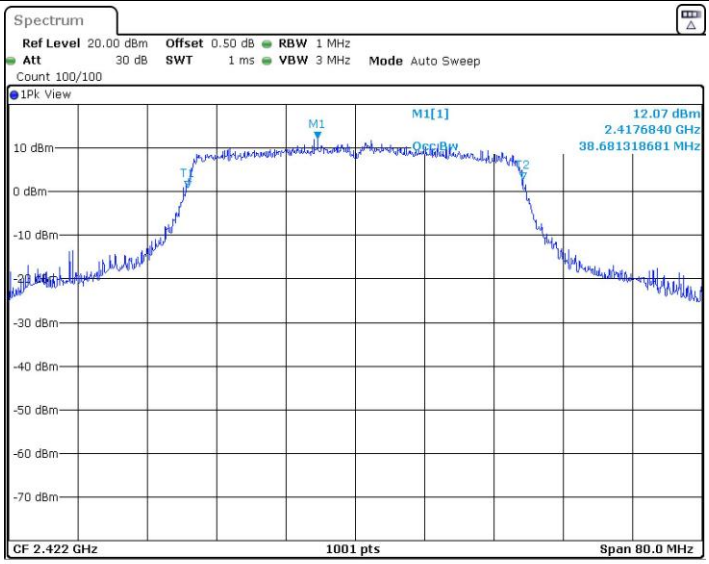
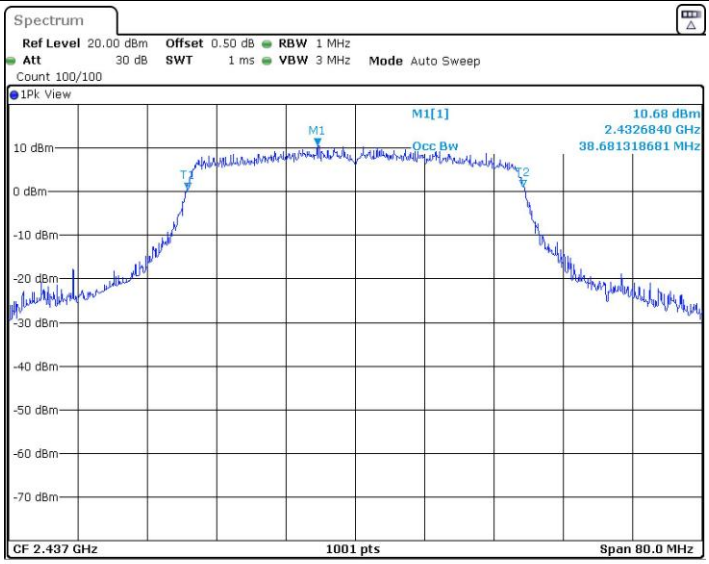
11N40SISO_Ant1_2452

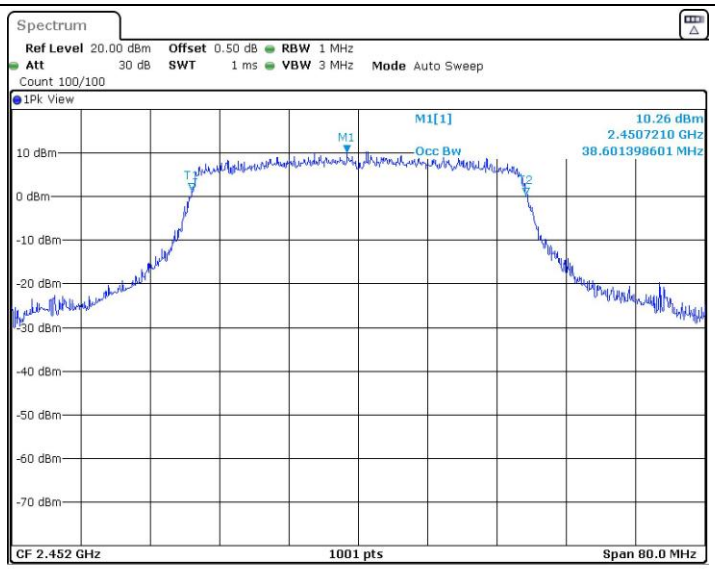


11AX20SISO_Ant1_2412

11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462

11AX40SISO_Ant1_2422

11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

Appendix B: Maximum conducted output power

Test Result

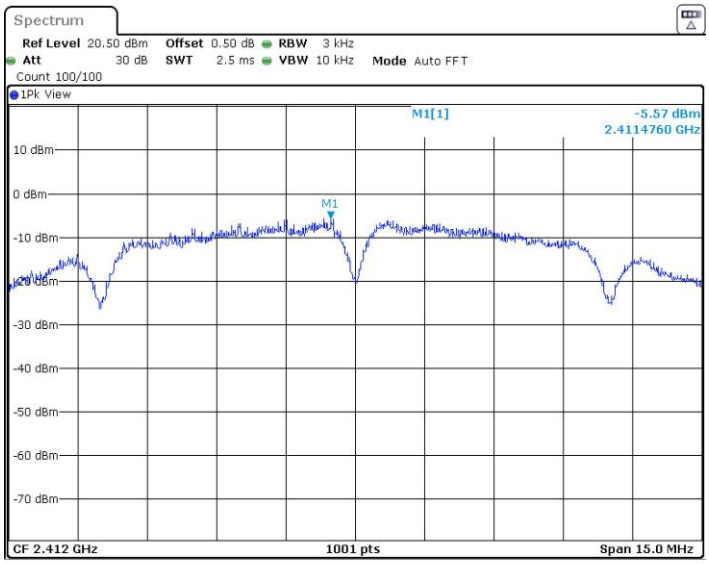
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	20.7	<=30	Pass
	Ant1	2437	18.5	<=30	Pass
	Ant1	2462	19.3	<=30	Pass
11G	Ant1	2412	22.0	<=30	Pass
	Ant1	2437	21.7	<=30	Pass
	Ant1	2462	22.1	<=30	Pass
11N20SISO	Ant1	2412	21.9	<=30	Pass
	Ant1	2437	21.5	<=30	Pass
	Ant1	2462	21.8	<=30	Pass
11N40SISO	Ant1	2422	21.3	<=30	Pass
	Ant1	2437	21.2	<=30	Pass
	Ant1	2452	21.2	<=30	Pass
11AX20SISO	Ant1	2412	21.7	<=30	Pass
	Ant1	2437	21.4	<=30	Pass
	Ant1	2462	21.6	<=30	Pass
11AX40SISO	Ant1	2422	21.3	<=30	Pass
	Ant1	2437	21.1	<=30	Pass
	Ant1	2452	21.2	<=30	Pass

Appendix C: Maximum power spectral density

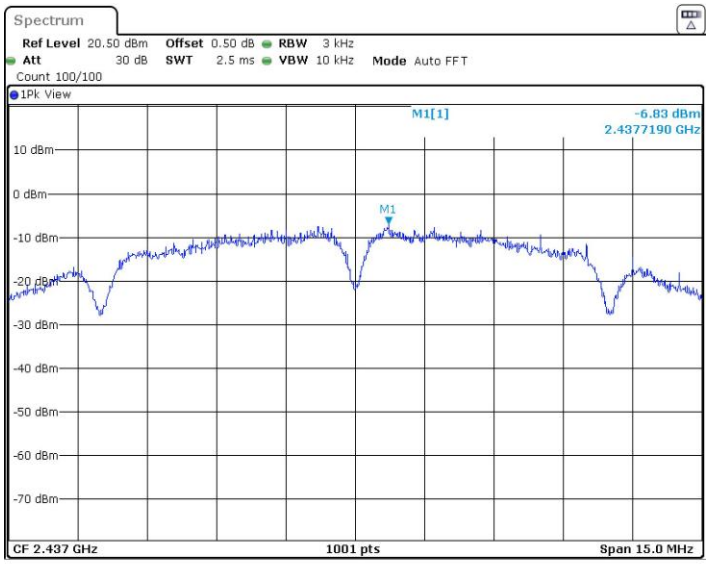
Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.57	<=8	PASS
		2437	-6.83	<=8	PASS
		2462	-7.64	<=8	PASS
11G	Ant1	2412	-9.15	<=8	PASS
		2437	-9.95	<=8	PASS
		2462	-8.94	<=8	PASS
11N20SISO	Ant1	2412	-8.45	<=8	PASS
		2437	-9.66	<=8	PASS
		2462	-9.3	<=8	PASS
11N40SISO	Ant1	2422	-12.51	<=8	PASS
		2437	-14.56	<=8	PASS
		2452	-14.49	<=8	PASS
11AX20SISO	Ant1	2412	-9.22	<=8	PASS
		2437	-10.72	<=8	PASS
		2462	-9.69	<=8	PASS
11AX40SISO	Ant1	2422	-13.44	<=8	PASS
		2437	-14.73	<=8	PASS
		2452	-14.97	<=8	PASS

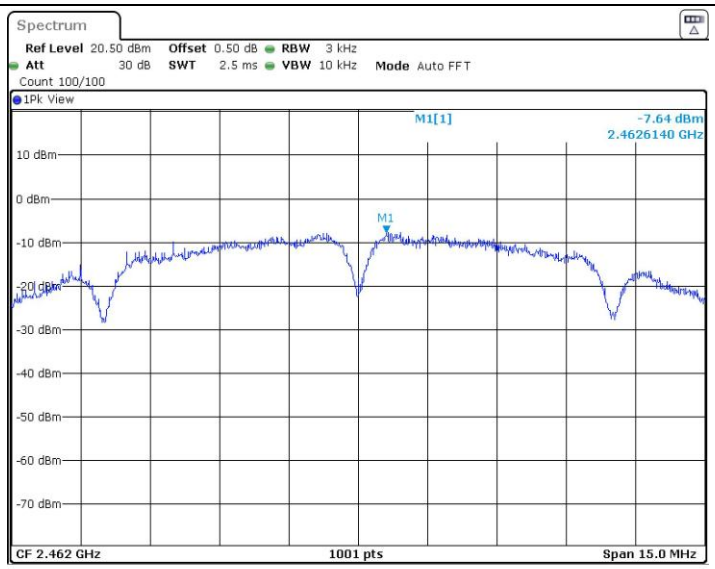
Test Graphs



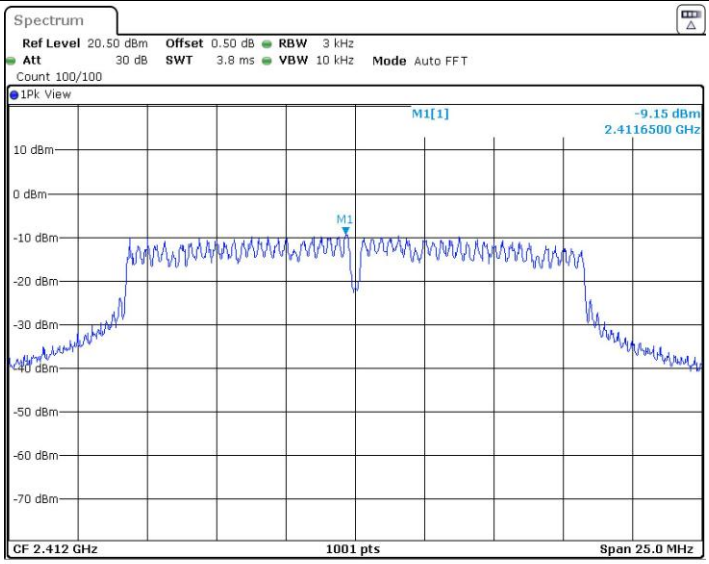
11B_Ant1_2412



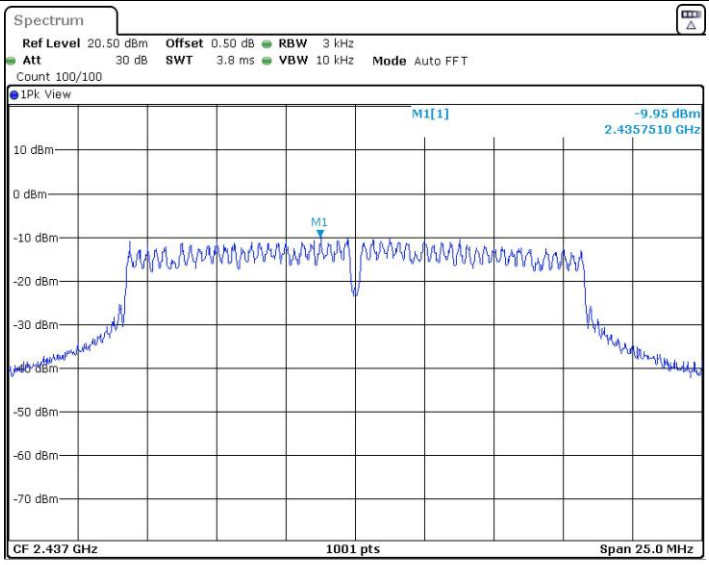
11B_Ant1_2437



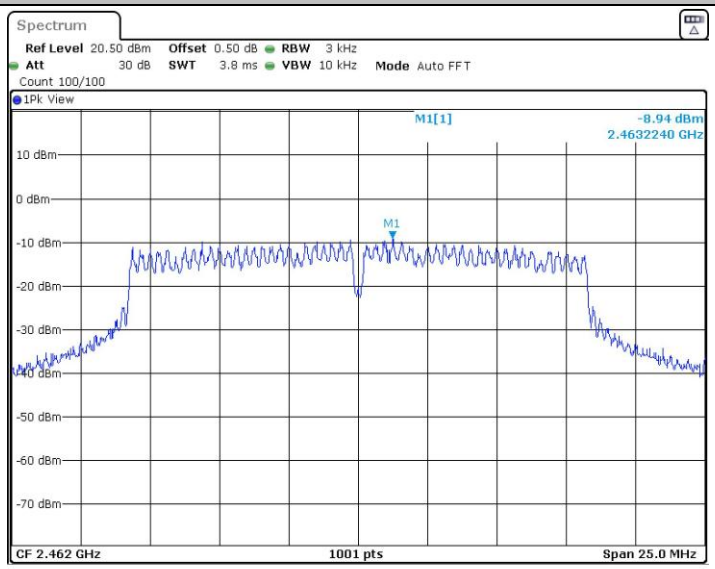
11B_Ant1_2462



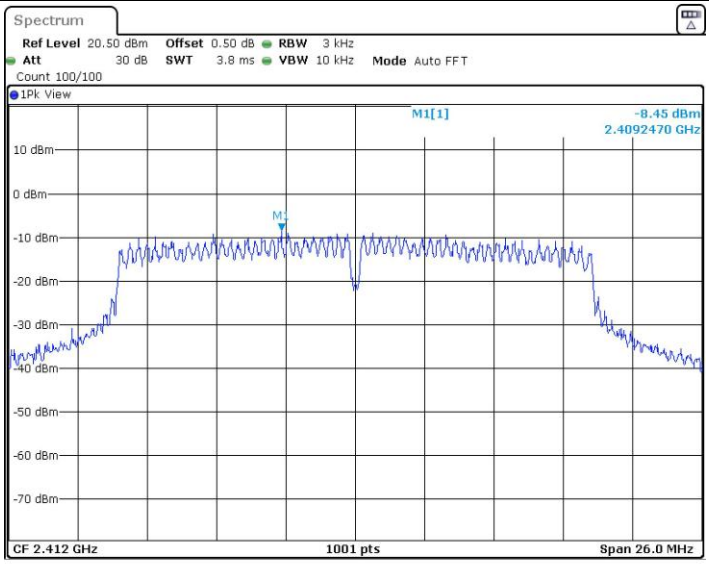
11G_Ant1_2412



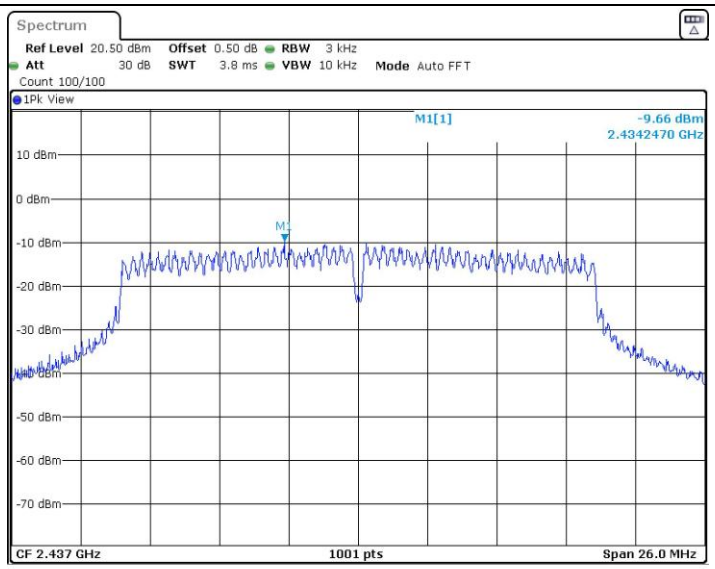
11G_Ant1_2437



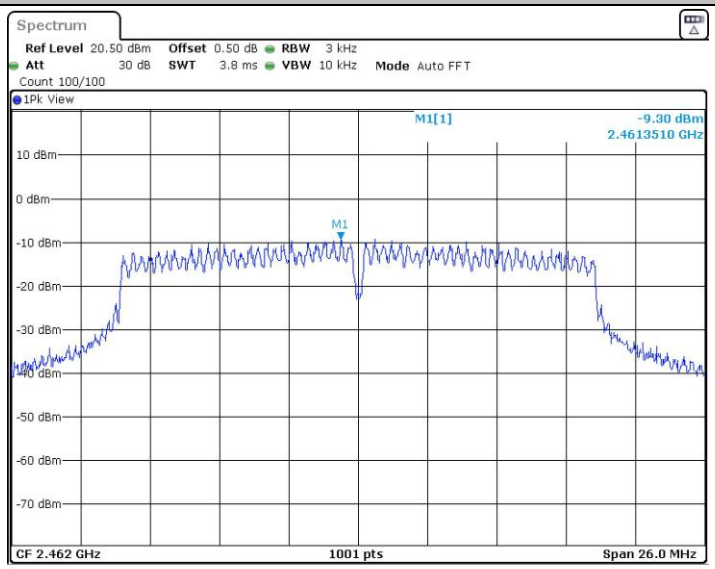
11G_Ant1_2462



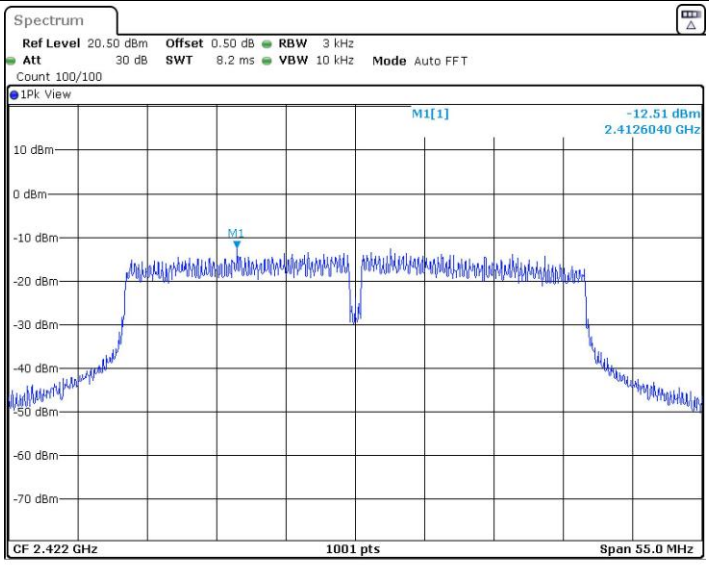
11N20SISO_Ant1_2412



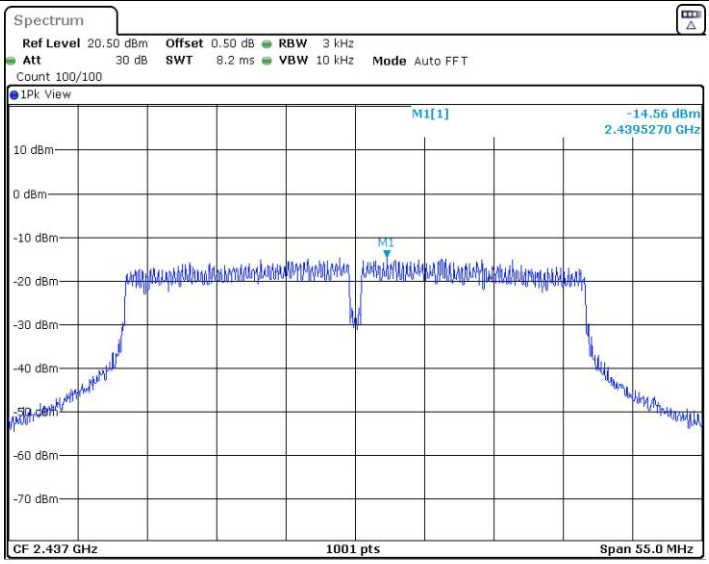
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



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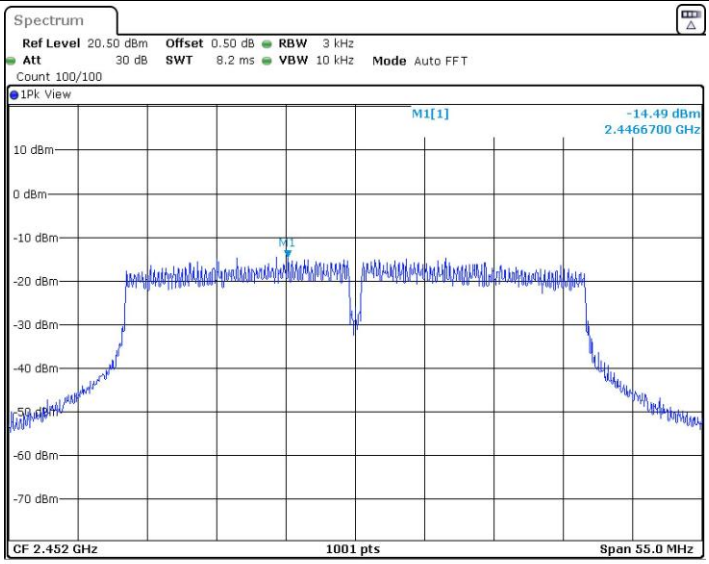
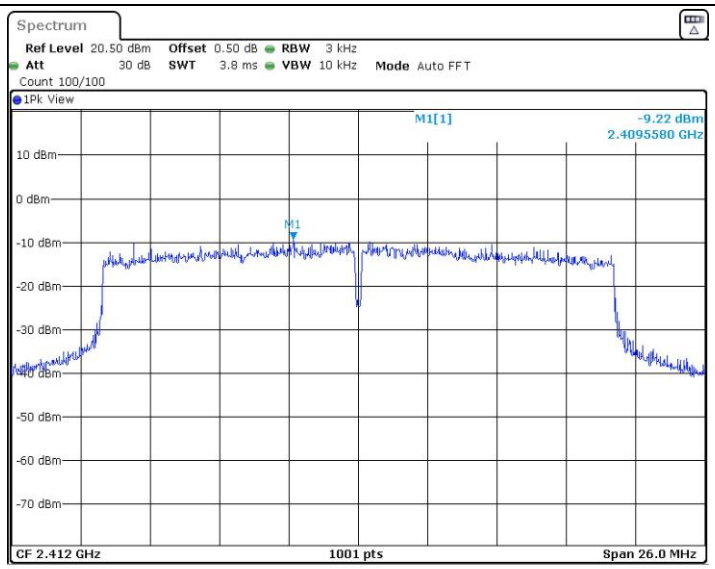
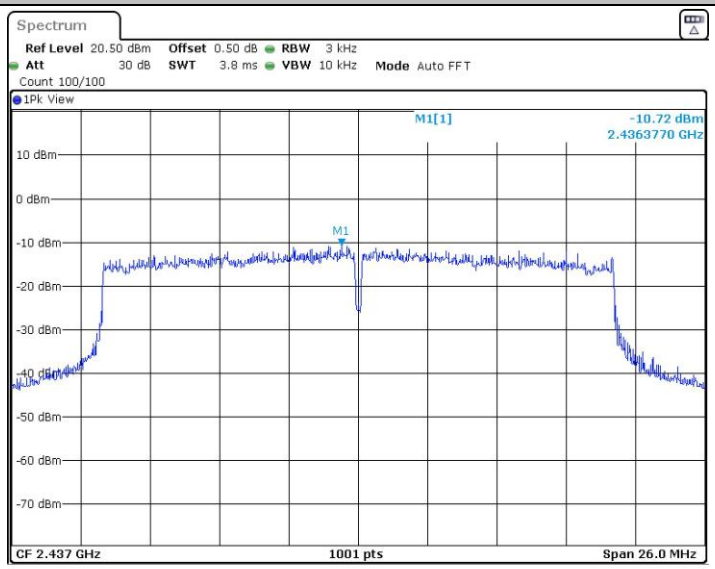


11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



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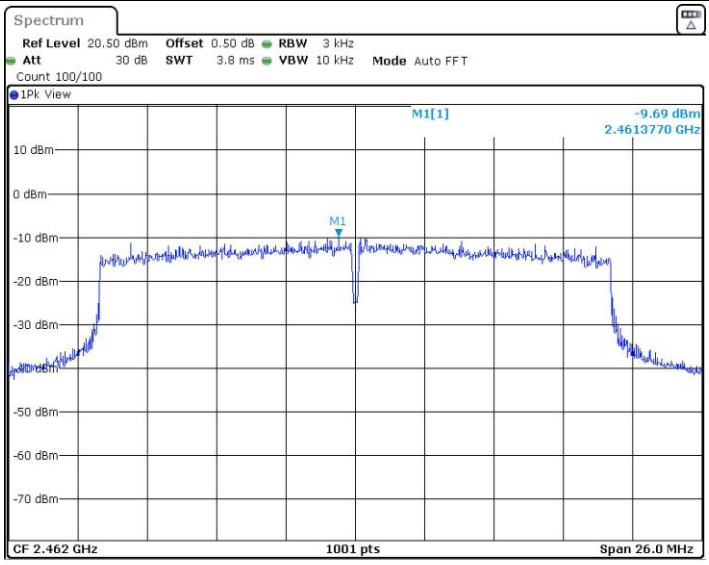

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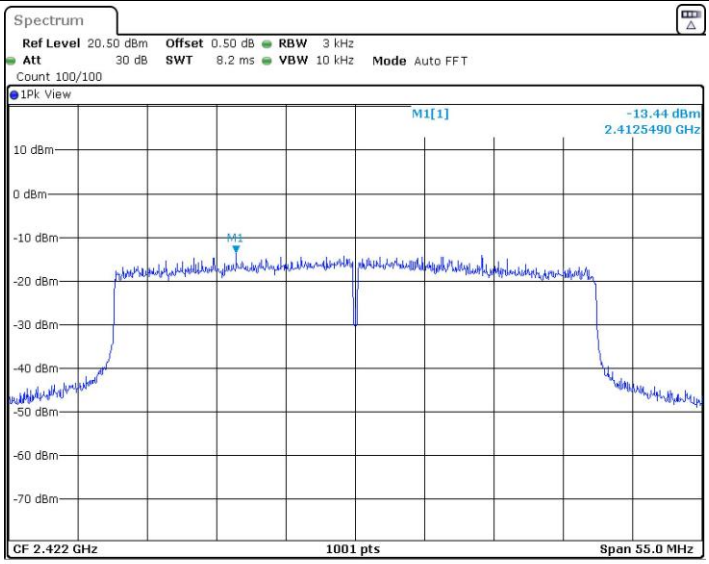

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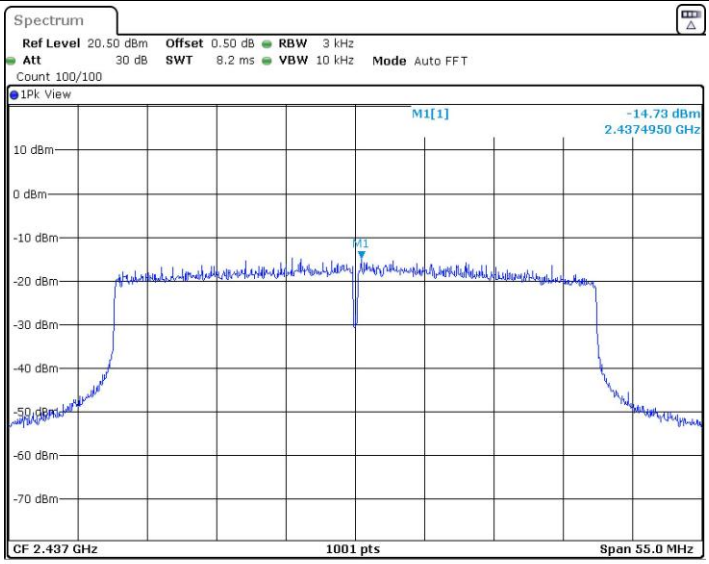
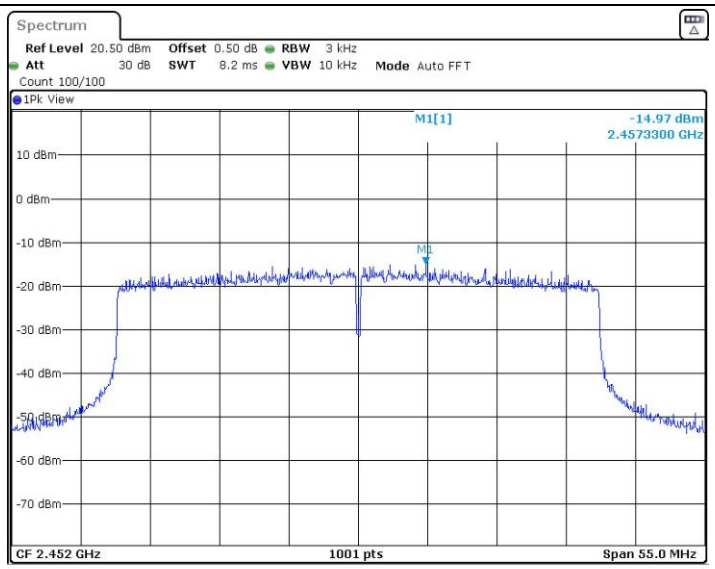


11AX40SISO_Ant1_2437



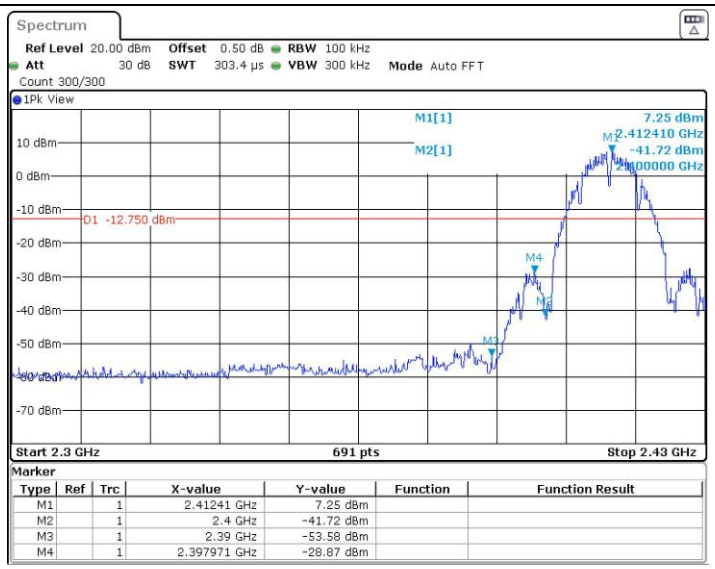
11AX40SISO_Ant1_2452

Appendix D: Band edge measurements

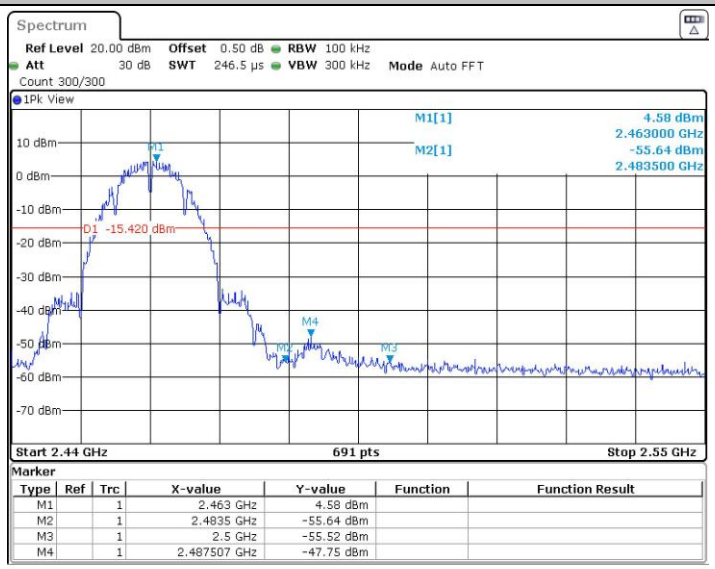
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.25	-28.87	<=-12.75	PASS
		High	2462	4.58	-47.75	<=-15.42	PASS
11G	Ant1	Low	2412	3.58	-21.75	<=-16.42	PASS
		High	2462	2.24	-38.26	<=-17.76	PASS
11N20SISO	Ant1	Low	2412	3.07	-22	<=-16.93	PASS
		High	2462	4.33	-34.04	<=-15.67	PASS
11N40SISO	Ant1	Low	2422	0.46	-28.36	<=-19.54	PASS
		High	2452	-0.60	-37.07	<=-20.6	PASS
11AX20SISO	Ant1	Low	2412	5.08	-22.32	<=-14.92	PASS
		High	2462	3.32	-34.48	<=-16.68	PASS
11AX40SISO	Ant1	Low	2422	0.77	-27.65	<=-19.23	PASS
		High	2452	-0.86	-36.35	<=-20.86	PASS

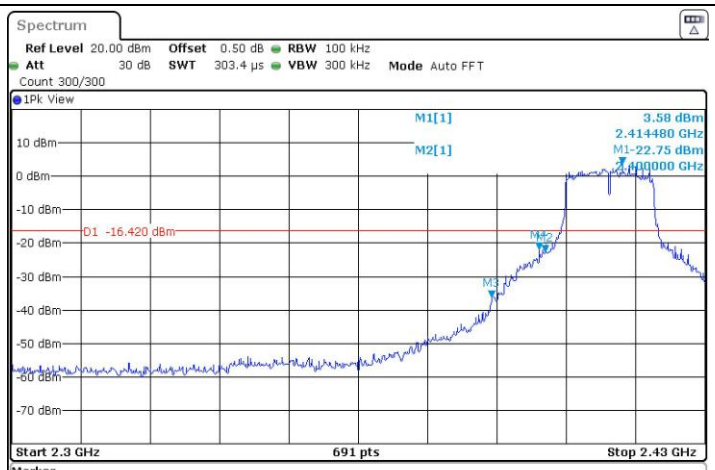
Test Graphs



11B_Ant1_Low_2412



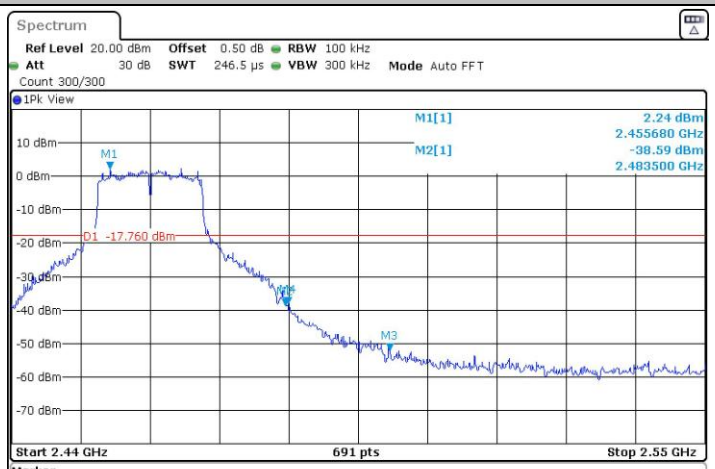
11B_Ant1_High_2462



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41448 GHz	3.58 dBm		
M2		1	2.4 GHz	-22.75 dBm		
M3		1	2.39 GHz	-36.17 dBm		
M4		1	2.398913 GHz	-21.75 dBm		

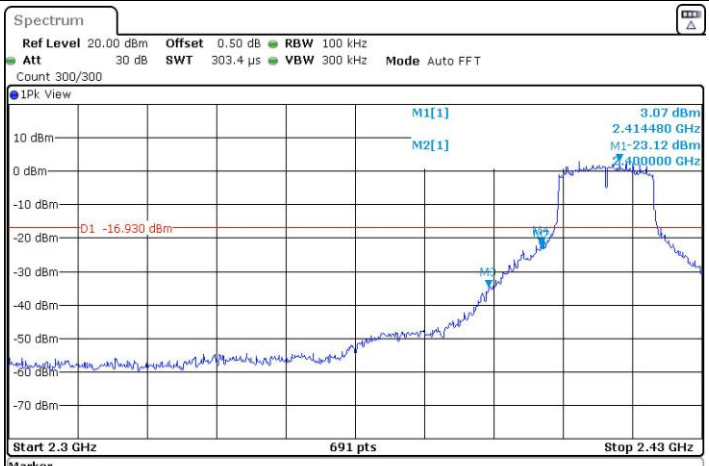
11G_Ant1_Low_2412



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45568 GHz	2.24 dBm		
M2		1	2.4835 GHz	-38.59 dBm		
M3		1	2.5 GHz	-51.27 dBm		
M4		1	2.483841 GHz	-38.26 dBm		

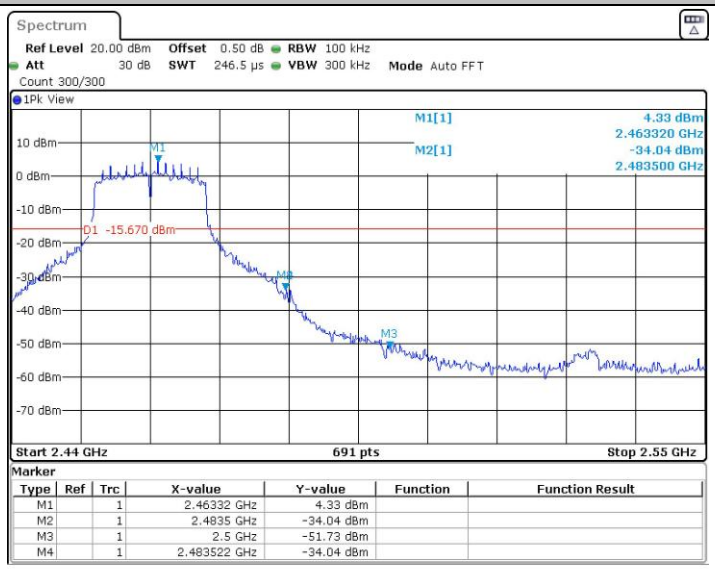
11G_Ant1_High_2462



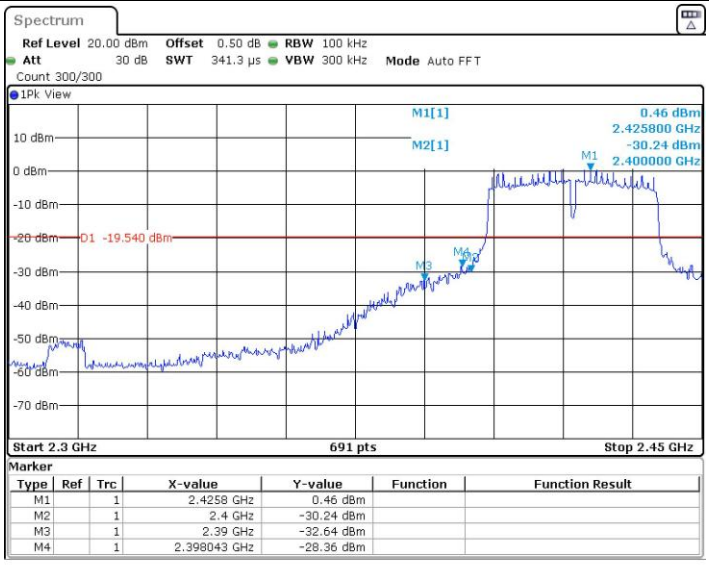
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41448 GHz	3.07 dBm		
M2		1	2.4 GHz	-23.12 dBm		
M3		1	2.39 GHz	-34.57 dBm		
M4		1	2.399855 GHz	-22.00 dBm		

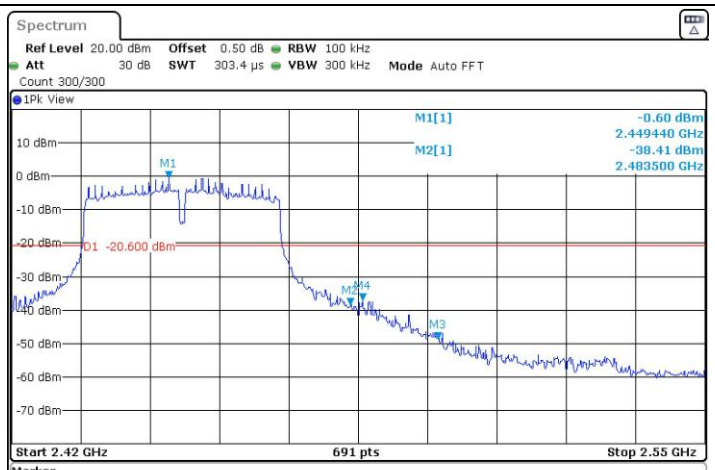
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



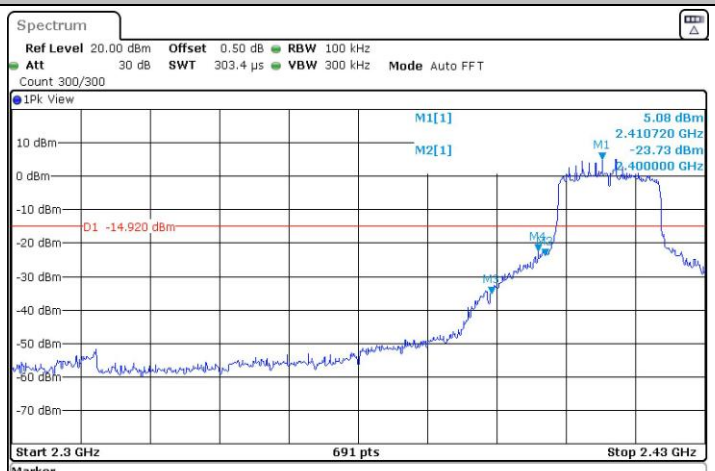
11N40SISO_Ant1_Low_2422



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44944 GHz	-0.60 dBm		
M2		1	2.4835 GHz	-38.41 dBm		
M3		1	2.5 GHz	-48.77 dBm		
M4		1	2.485754 GHz	-37.07 dBm		

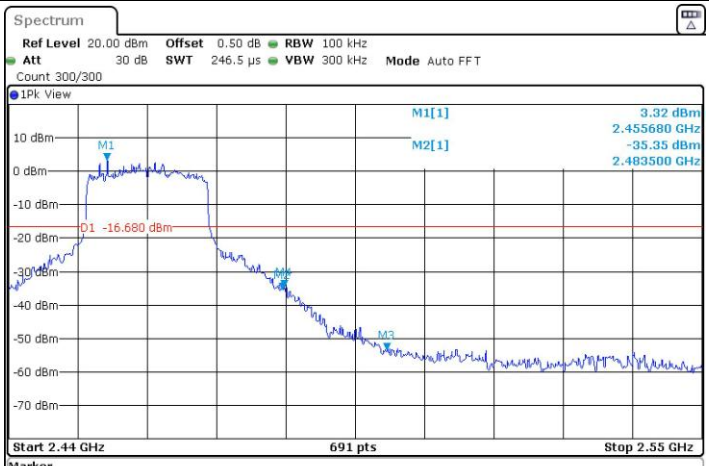
11N40SISO_Ant1_High_2452



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41072 GHz	5.08 dBm		
M2		1	2.4 GHz	-23.73 dBm		
M3		1	2.39 GHz	-35.05 dBm		
M4		1	2.398725 GHz	-22.32 dBm		

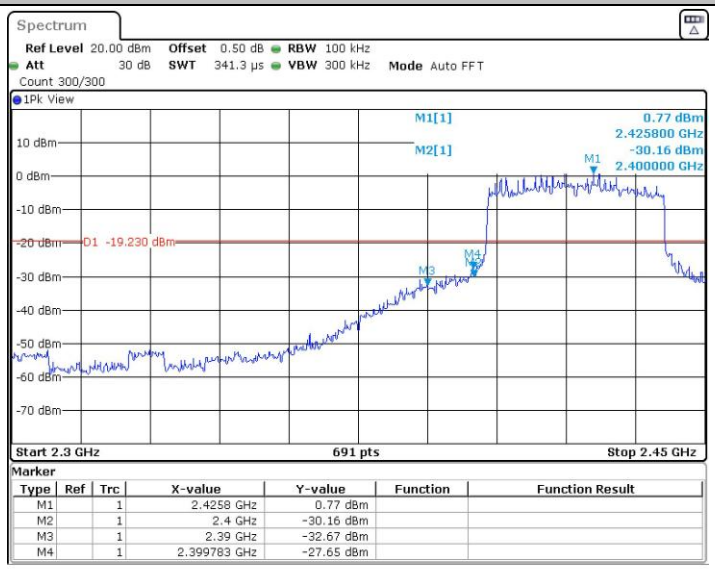
11AX20SISO_Ant1_Low_2412



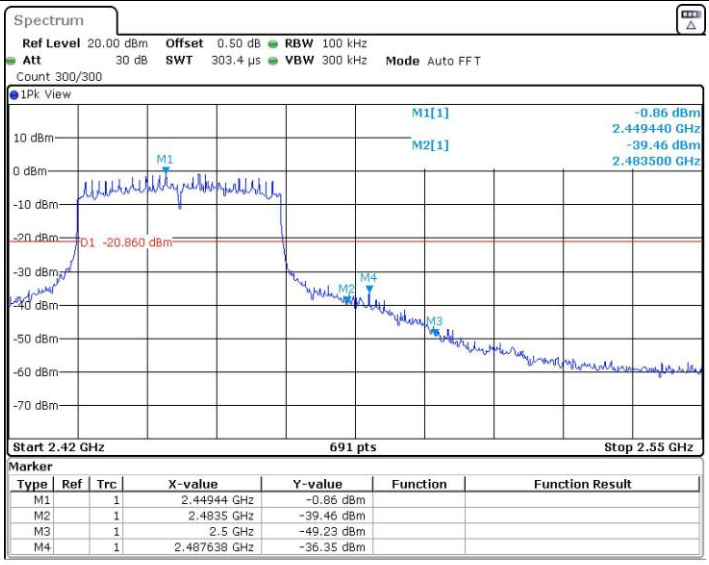
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45568 GHz	3.32 dBm		
M2		1	2.4835 GHz	-35.35 dBm		
M3		1	2.5 GHz	-53.93 dBm		
M4		1	2.483681 GHz	-34.48 dBm		

11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

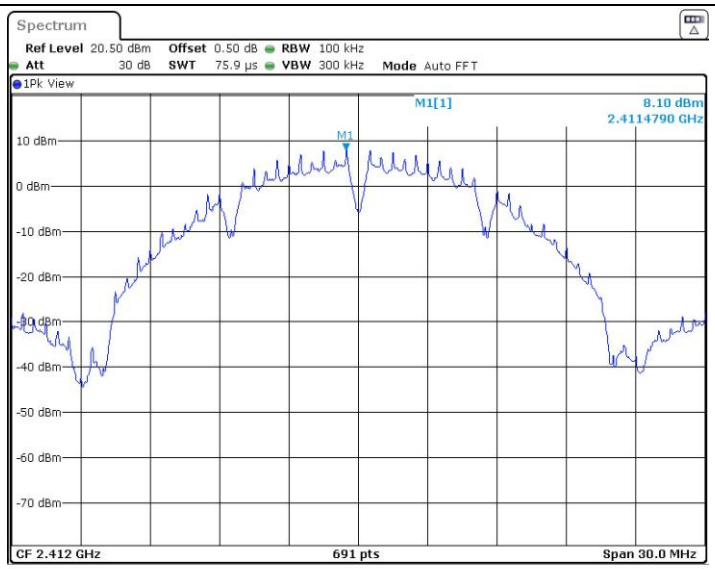
Appendix E: Conducted Spurious Emission

Test Result

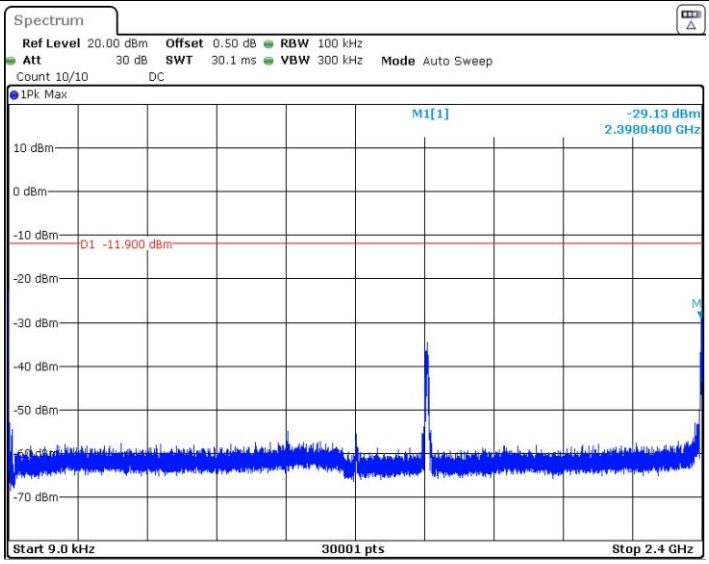
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.10	8.10	---	PASS
			0.009~2400	8.10	-29.13	<=-11.9	PASS
			2483.5~25000	8.10	-41.13	<=-11.9	PASS
		2437	Reference	6.17	6.17	---	PASS
			0.009~2400	6.17	-37.08	<=-13.83	PASS
			2483.5~25000	6.17	-43.2	<=-13.83	PASS
		2462	Reference	6.46	6.46	---	PASS
			0.009~2400	6.46	-37.77	<=-13.54	PASS
			2483.5~25000	6.46	-44.3	<=-13.54	PASS
11G	Ant1	2412	Reference	4.65	4.65	---	PASS
			0.009~2400	4.65	-21.93	<=-15.35	PASS
			2483.5~25000	4.65	-49.56	<=-15.35	PASS
		2437	Reference	3.85	3.85	---	PASS
			0.009~2400	3.85	-40.71	<=-16.15	PASS
			2483.5~25000	3.85	-50.48	<=-16.15	PASS
		2462	Reference	4.40	4.40	---	PASS
			0.009~2400	4.40	-42.37	<=-15.6	PASS
			2483.5~25000	4.40	-39.7	<=-15.6	PASS
11N20SISO	Ant1	2412	Reference	5.15	5.15	---	PASS
			0.009~2400	5.15	-23.15	<=-14.85	PASS
			2483.5~25000	5.15	-48.85	<=-14.85	PASS
		2437	Reference	3.57	3.57	---	PASS
			0.009~2400	3.57	-39.44	<=-16.43	PASS
			2483.5~25000	3.57	-52.22	<=-16.43	PASS
		2462	Reference	4.32	4.32	---	PASS
			0.009~2400	4.32	-43.57	<=-15.68	PASS
			2483.5~25000	4.32	-38.02	<=-15.68	PASS
11N40SISO	Ant1	2422	Reference	0.72	0.72	---	PASS
			0.009~2400	0.72	-27.48	<=-19.28	PASS
			2483.5~25000	0.72	-51.65	<=-19.28	PASS
		2437	Reference	-0.32	-0.32	---	PASS
			0.009~2400	-0.32	-41.61	<=-20.32	PASS
			2483.5~25000	-0.32	-49.03	<=-20.32	PASS
		2452	Reference	-0.55	-0.55	---	PASS
			0.009~2400	-0.55	-46.22	<=-20.55	PASS
			2483.5~25000	-0.55	-37.91	<=-20.55	PASS
11AX20SISO	Ant1	2412	Reference	4.84	4.84	---	PASS

			0.009~2400	4.84	-23.05	<=-15.16	PASS
			2483.5~25000	4.84	-49.38	<=-15.16	PASS
		2437	Reference	3.68	3.68	---	PASS
			0.009~2400	3.68	-42.13	<=-16.32	PASS
			2483.5~25000	3.68	-50.39	<=-16.32	PASS
		2462	Reference	4.00	4.00	---	PASS
			0.009~2400	4.00	-42.31	<=-16	PASS
			2483.5~25000	4.00	-33.08	<=-16	PASS
11AX40SISO	Ant1	2422	Reference	0.48	0.48	---	PASS
			0.009~2400	0.48	-28.37	<=-19.52	PASS
			2483.5~25000	0.48	-52.08	<=-19.52	PASS
		2437	Reference	-0.50	-0.50	---	PASS
			0.009~2400	-0.50	-39.35	<=-20.5	PASS
			2483.5~25000	-0.50	-48.35	<=-20.5	PASS
		2452	Reference	-0.63	-0.63	---	PASS
			0.009~2400	-0.63	-46.45	<=-20.63	PASS
			2483.5~25000	-0.63	-37.38	<=-20.63	PASS

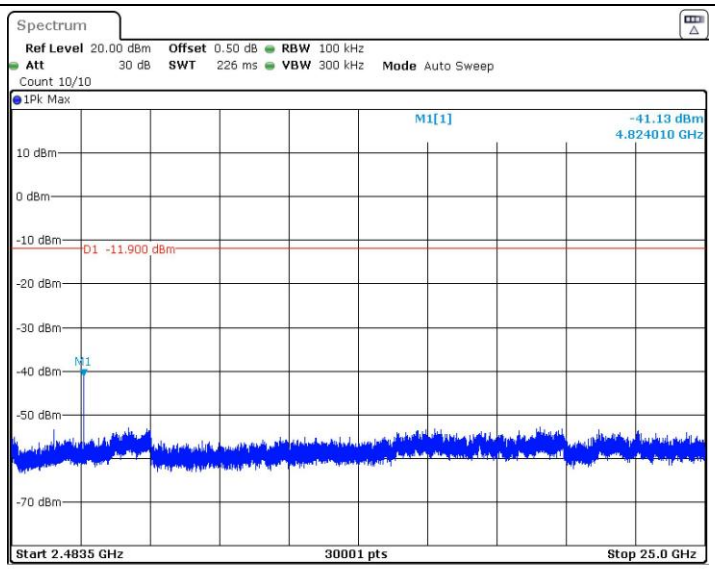
Test Graphs



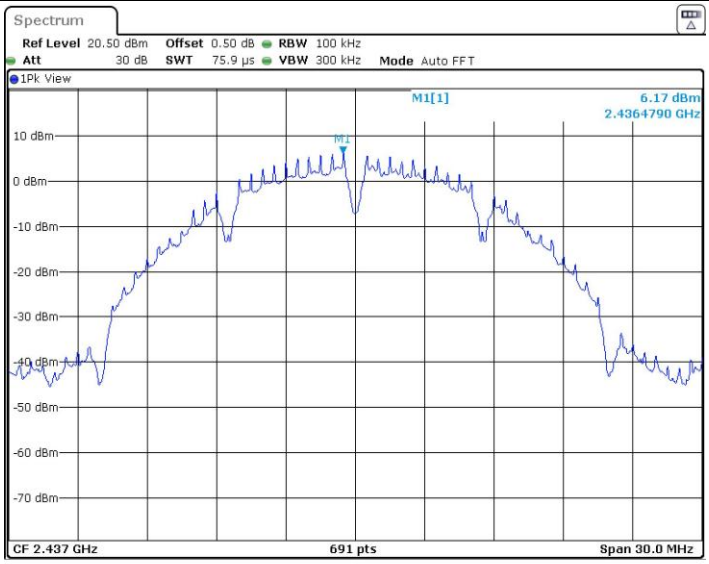
11B_Ant1_2412_0~Reference



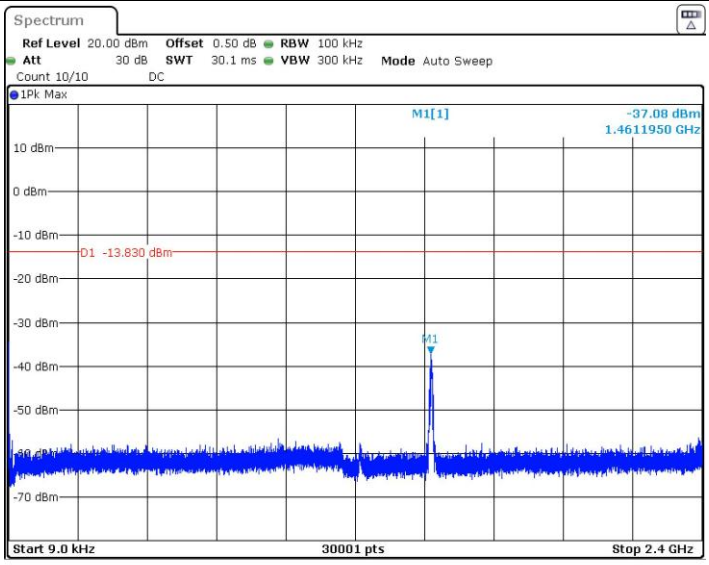
11B_Ant1_2412_0.009~2400



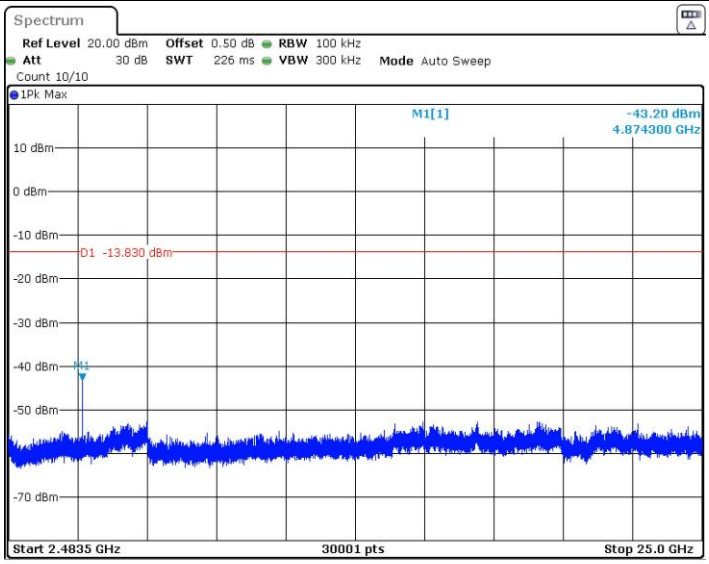
11B_Ant1_2412_2483.5~25000



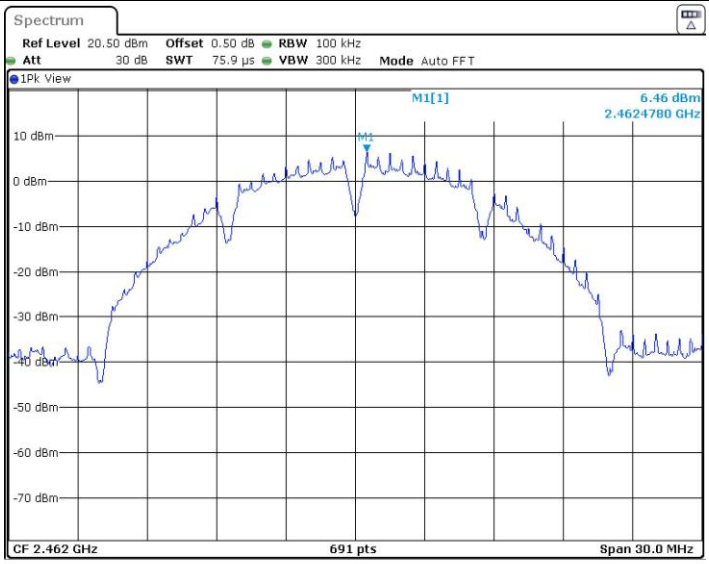
11B_Ant1_2437_0~Reference



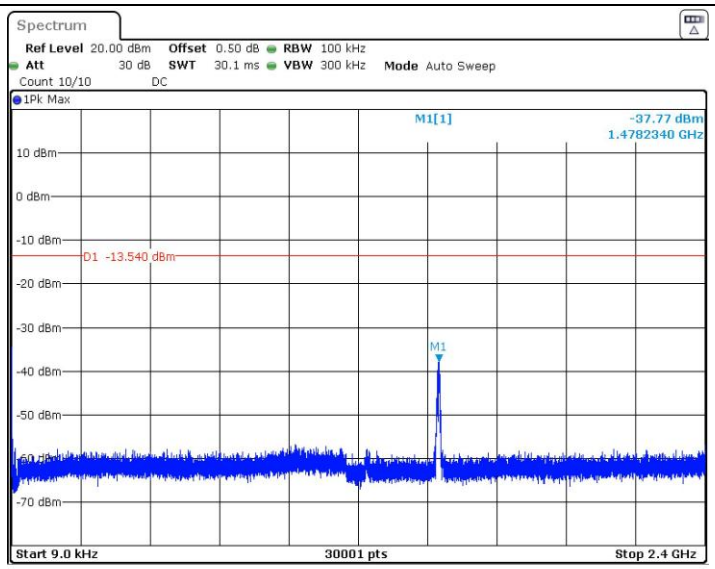
11B_Ant1_2437_0.009~2400



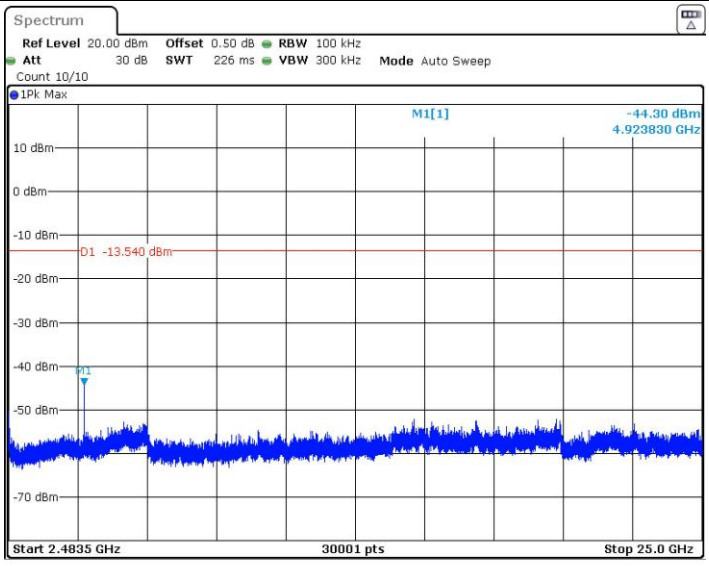
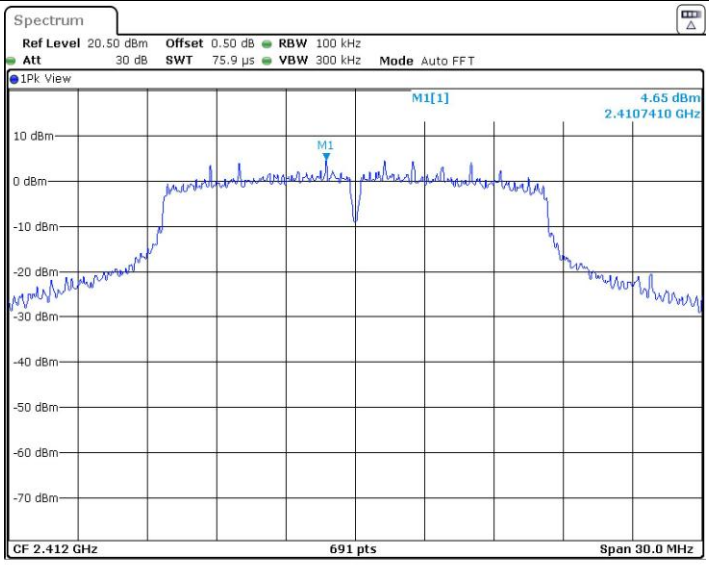
11B_Ant1_2437_2483.5~25000



11B_Ant1_2462_0~Reference



11B_Ant1_2462_0.009~2400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