Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.160	2407.920	2416.080	---	PASS
		2437	8.200	2432.920	2441.120	---	PASS
		2462	8.200	2457.920	2466.120	---	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	---	PASS
		2417	16.440	2408.800	2425.240	---	PASS
		2437	16.440	2428.800	2445.240	---	PASS
		2457	16.440	2448.800	2465.240	---	PASS
		2462	16.440	2453.800	2470.240	---	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	---	PASS
		2417	17.640	2408.200	2425.840	---	PASS
		2437	17.320	2428.520	2445.840	---	PASS
		2457	17.640	2448.200	2465.840	---	PASS
		2462	17.640	2453.200	2470.840	---	PASS
11N40SISO	Ant1	2422	35.280	2404.320	2439.600	---	PASS
		2427	35.760	2409.080	2444.840	---	PASS
		2437	35.680	2419.160	2454.840	---	PASS
		2447	35.600	2429.400	2465.000	---	PASS
		2452	35.600	2434.240	2469.840	---	PASS

Test Graphs

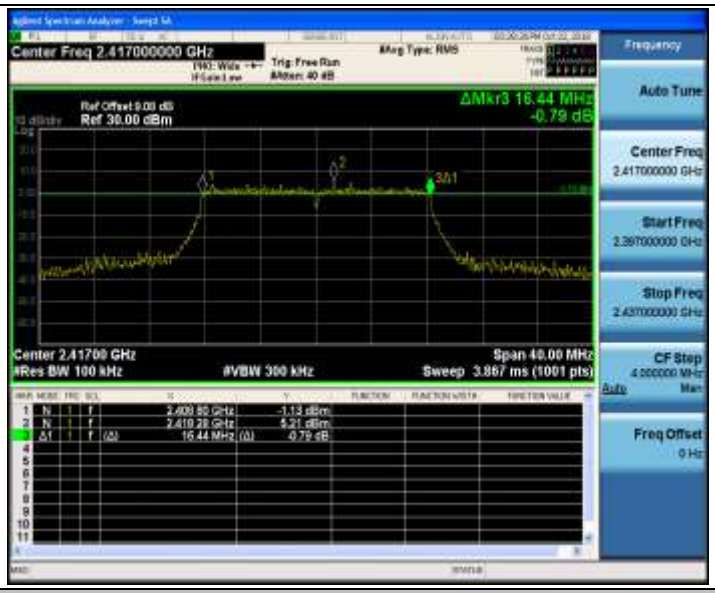
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412

11G_Ant1_2417



11G_Ant1_2437

11G_Ant1_2457

11G_Ant1_2462

11N20SISO_Ant1_2412

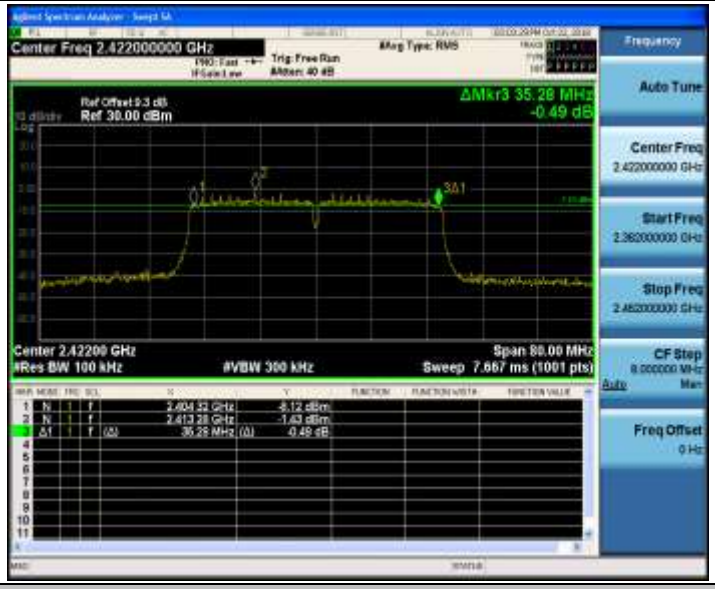
11N20SISO_Ant1_2417

11N20SISO_Ant1_2437

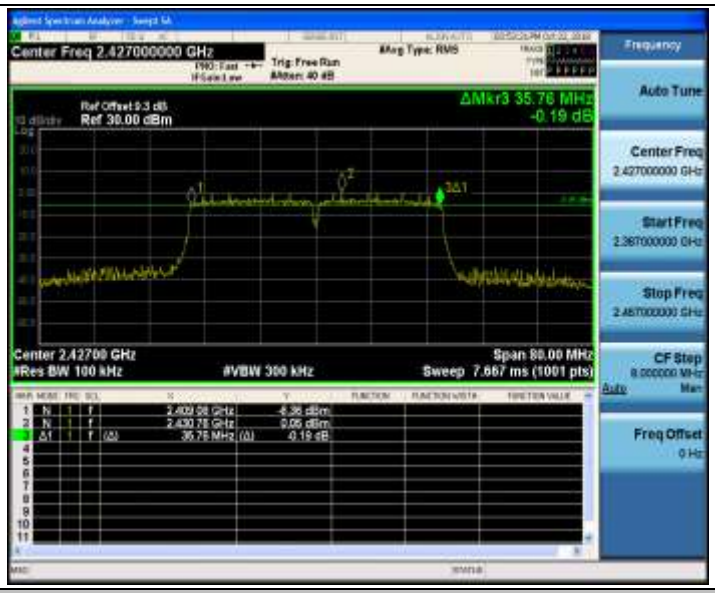
11N20SISO_Ant1_2457

11N20SISO_Ant1_2462

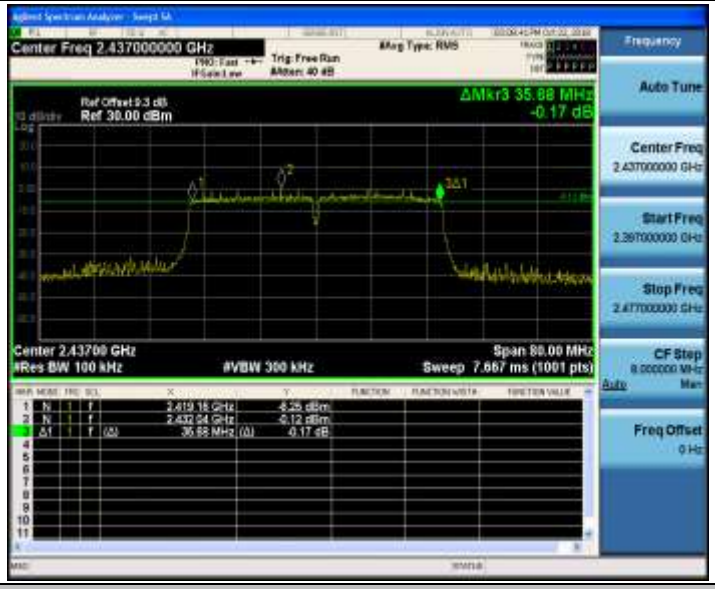
11N40SISO_Ant1_2422



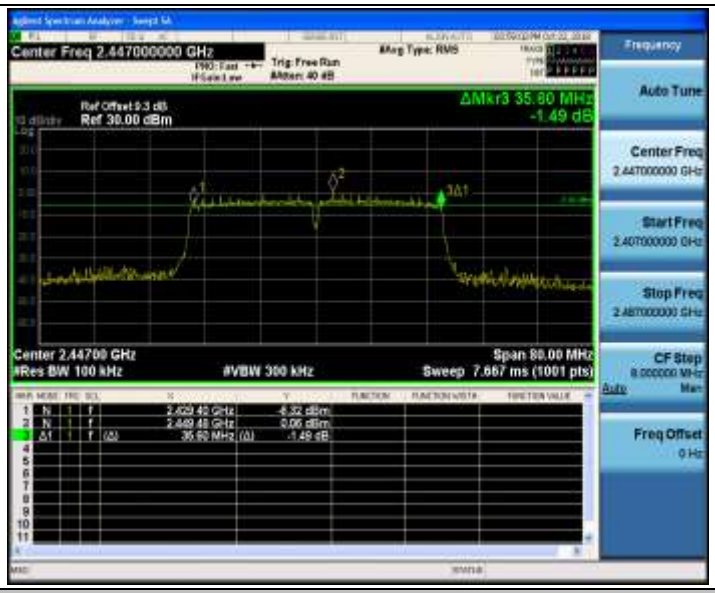
11N40SISO_Ant1_2427



11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452

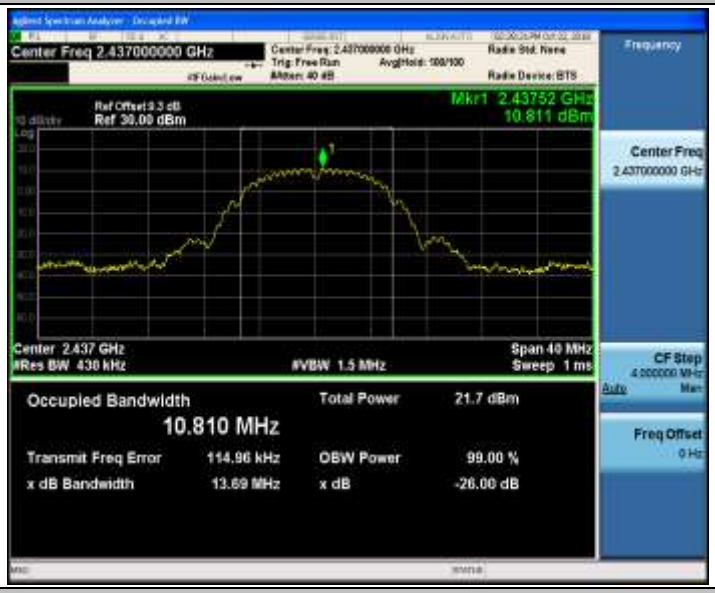
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.927	2406.598	2417.525	---	PASS
		2437	10.810	2431.710	2442.520	---	PASS
		2462	10.895	2456.628	2467.523	---	PASS
11G	Ant1	2412	16.709	2403.679	2420.388	---	PASS
		2417	16.760	2408.642	2425.402	---	PASS
		2437	16.813	2428.688	2445.501	---	PASS
		2457	16.846	2448.644	2465.490	---	PASS
		2462	16.828	2453.603	2470.431	---	PASS
11N20SISO	Ant1	2412	17.714	2403.192	2420.906	---	PASS
		2417	17.739	2408.162	2425.901	---	PASS
		2437	17.751	2428.200	2445.951	---	PASS
		2457	17.755	2448.162	2465.917	---	PASS
		2462	17.781	2453.163	2470.944	---	PASS
11N40SISO	Ant1	2422	36.035	2404.040	2440.075	---	PASS
		2427	36.139	2409.009	2445.148	---	PASS
		2437	36.031	2419.038	2455.069	---	PASS
		2447	35.927	2429.115	2465.042	---	PASS
		2452	36.024	2434.059	2470.083	---	PASS

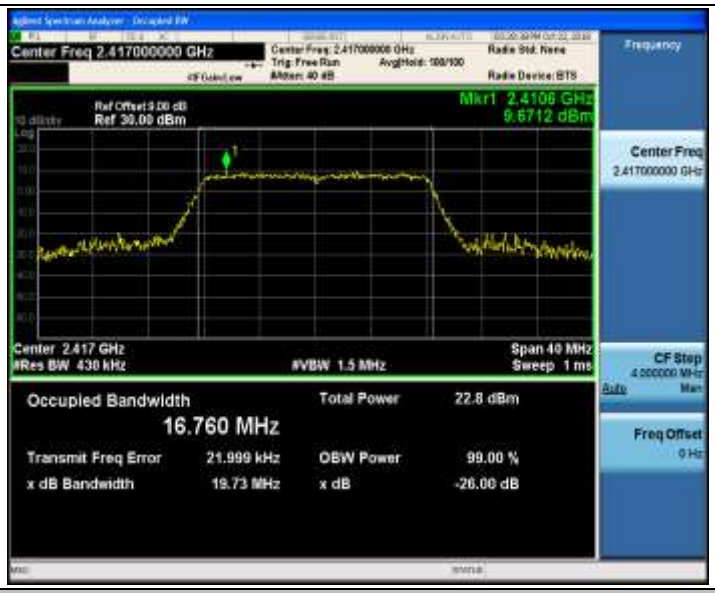
Test Graphs

11B_Ant1_2412

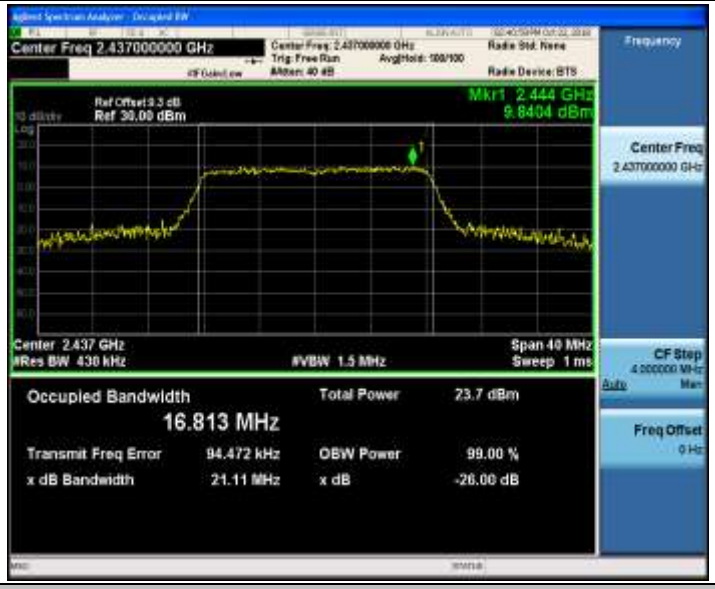
11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412

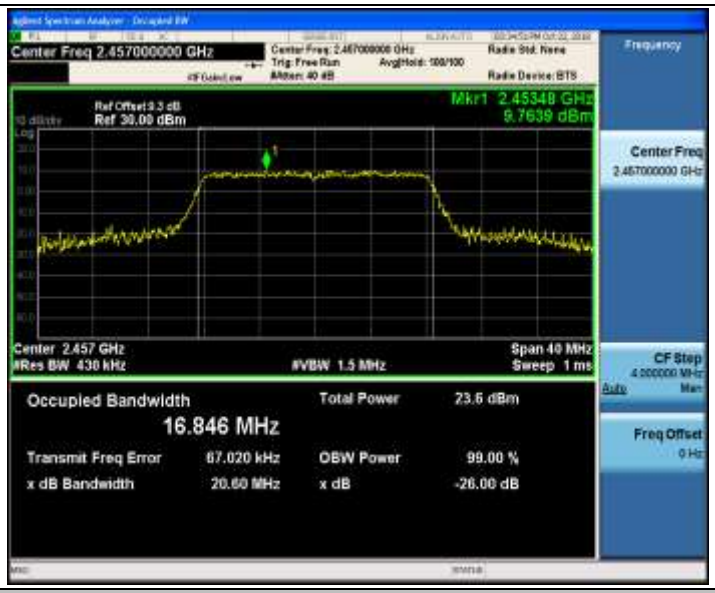
11G_Ant1_2417



11G_Ant1_2437

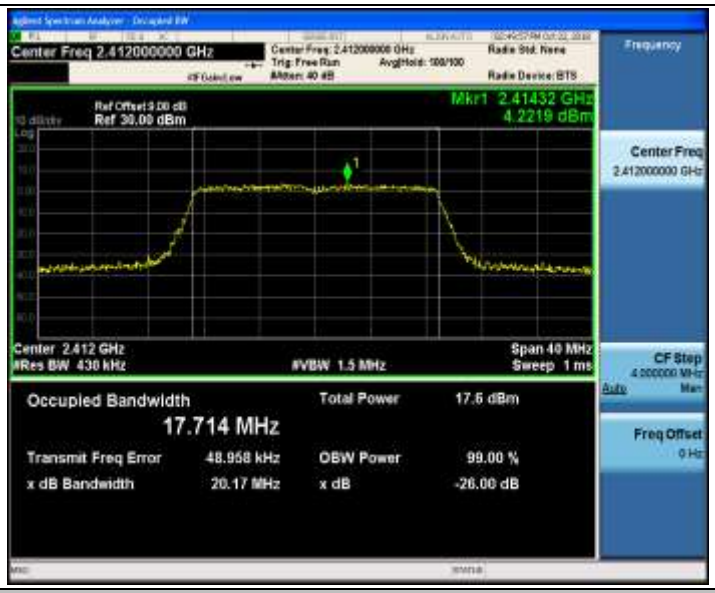


11G_Ant1_2457



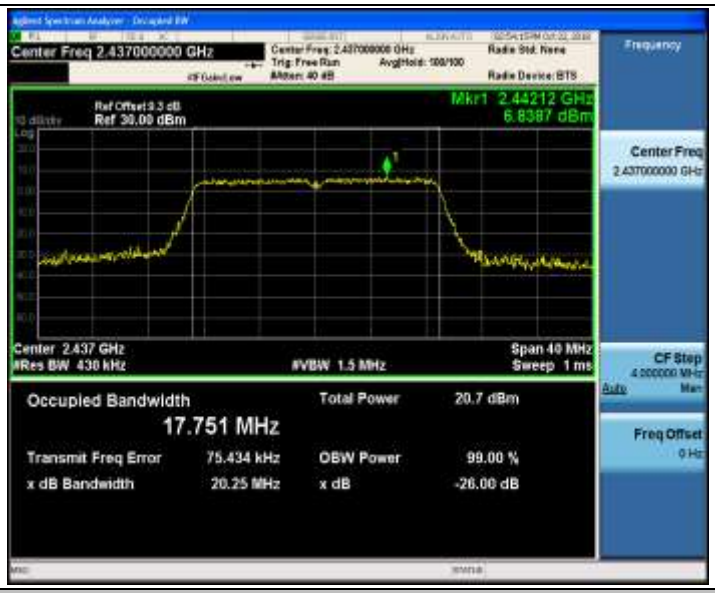
11G_Ant1_2462

11N20SISO_Ant1_2412

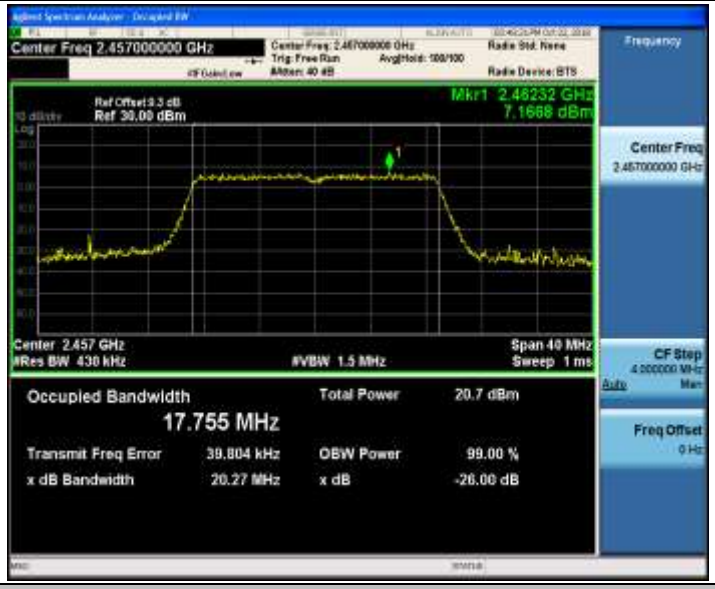


11N20SISO_Ant1_2417

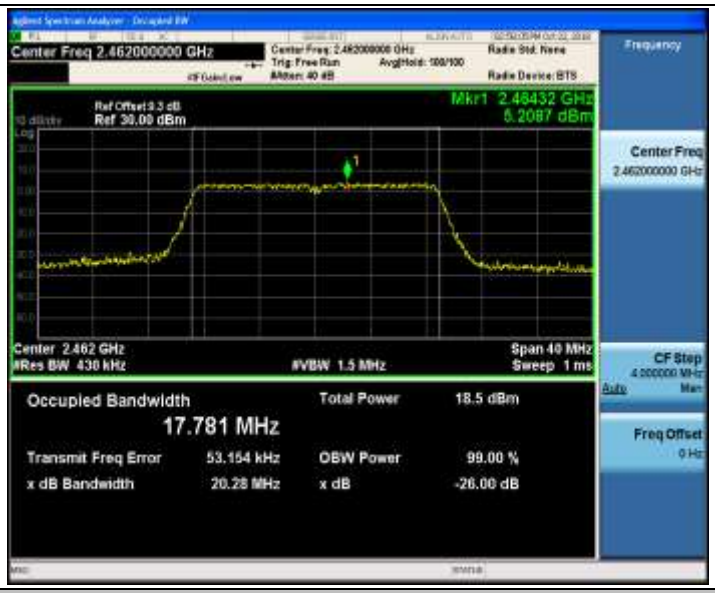
11N20SISO_Ant1_2437



11N20SISO_Ant1_2457

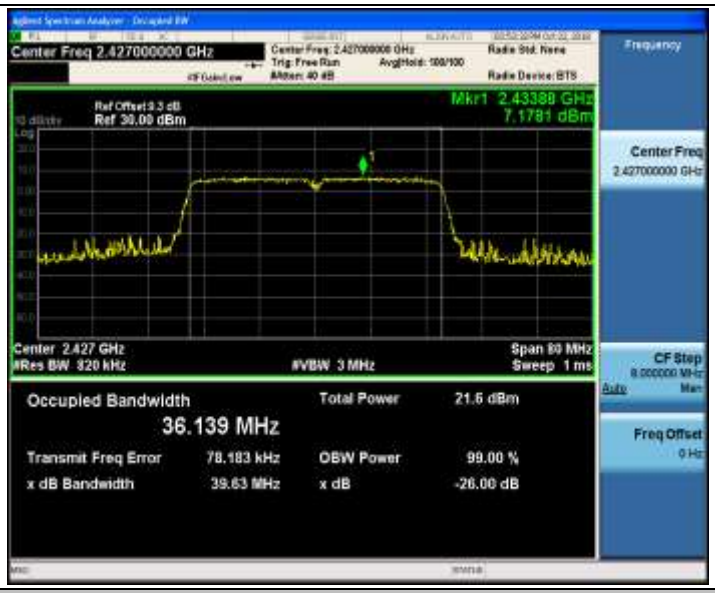


11N20SISO_Ant1_2462

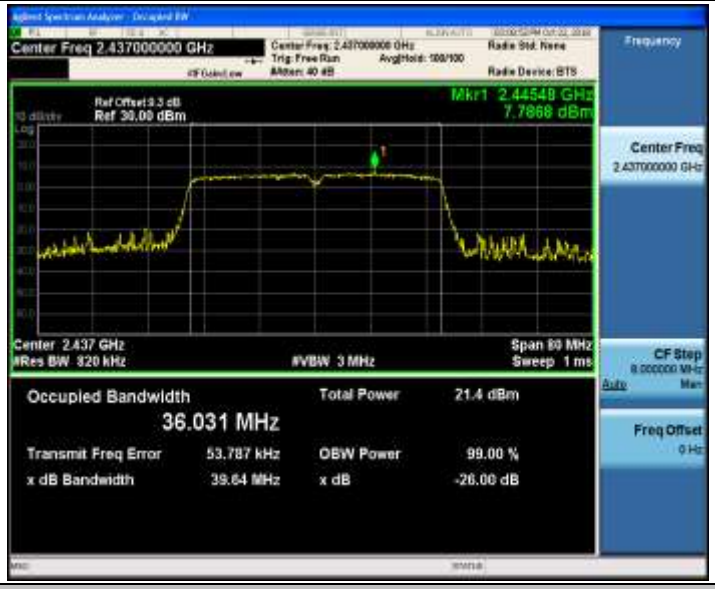


11N40SISO_Ant1_2422

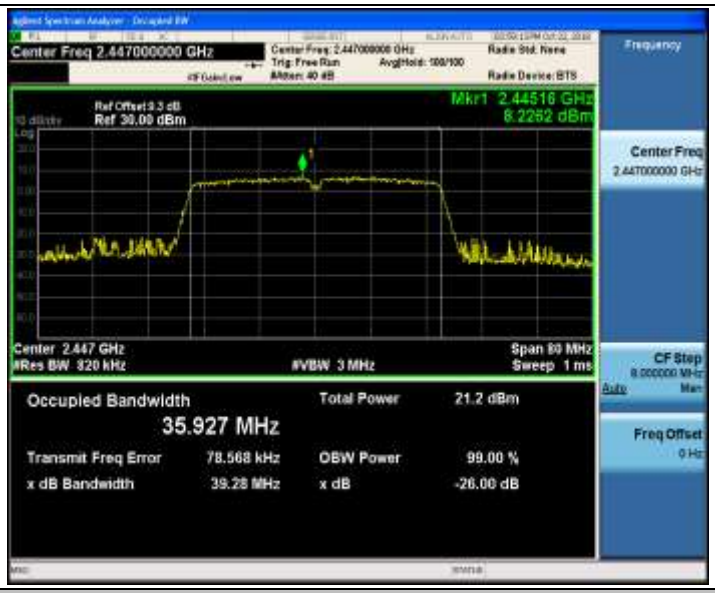
11N40SISO_Ant1_2427



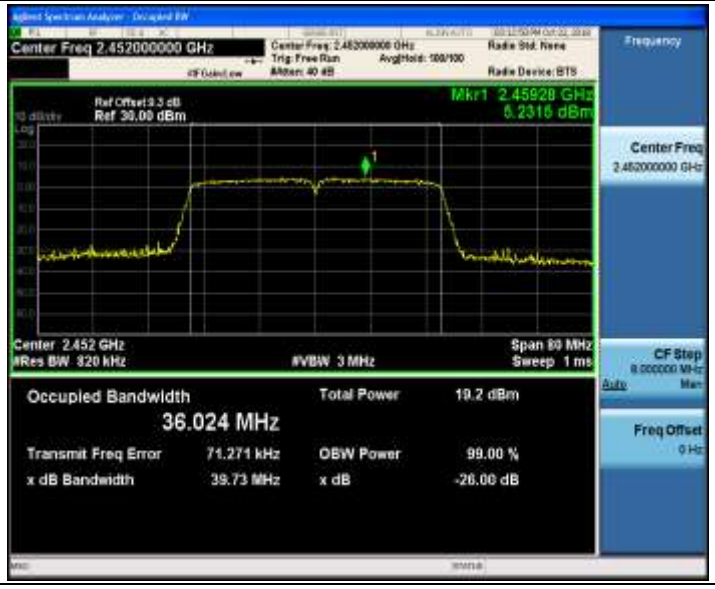
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452

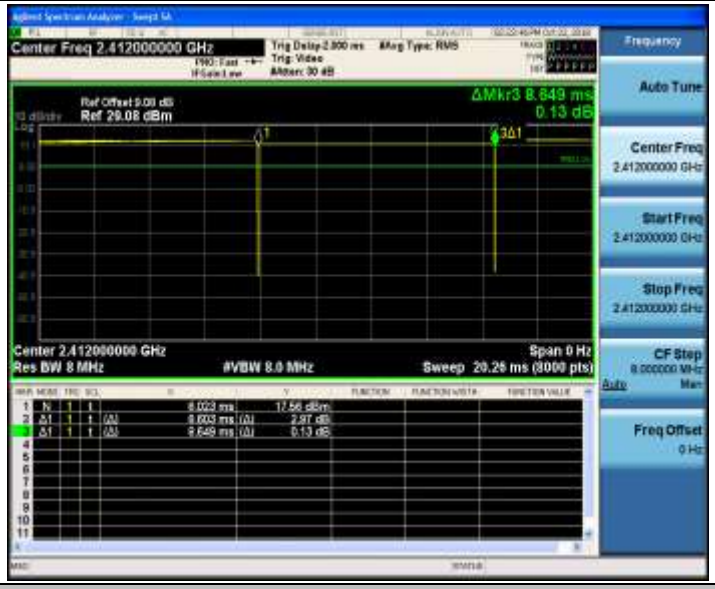
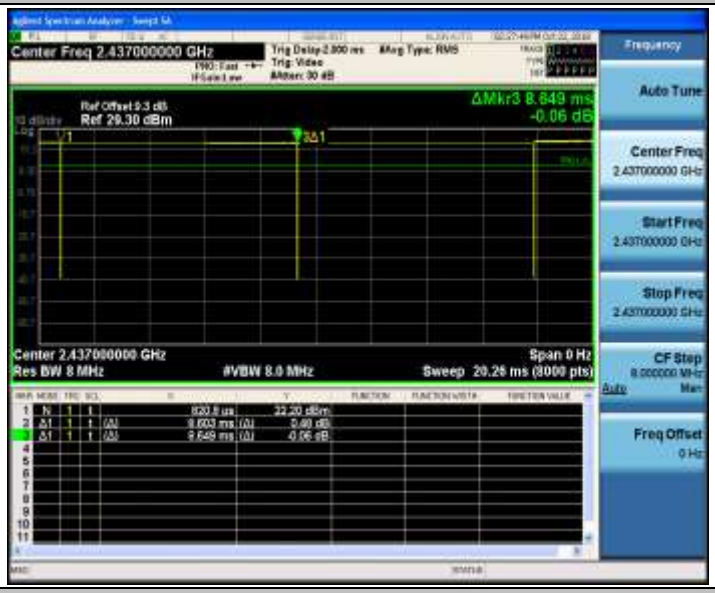


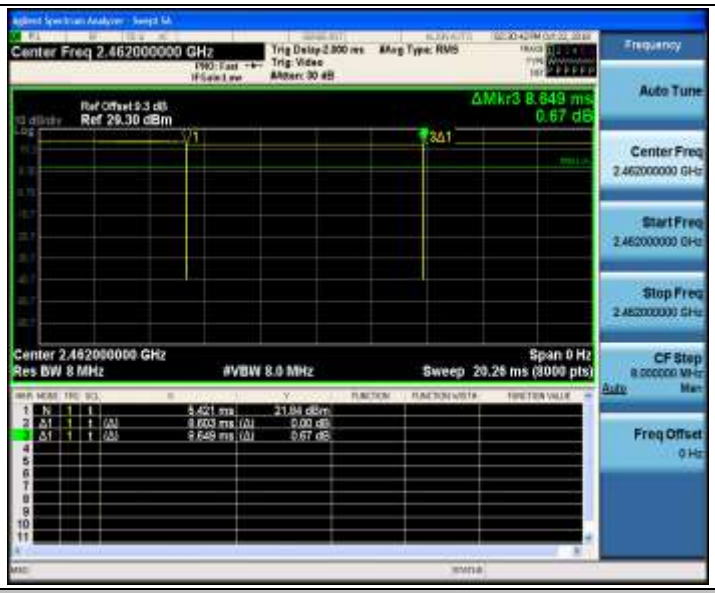
Appendix C: Duty Cycle

Test Result

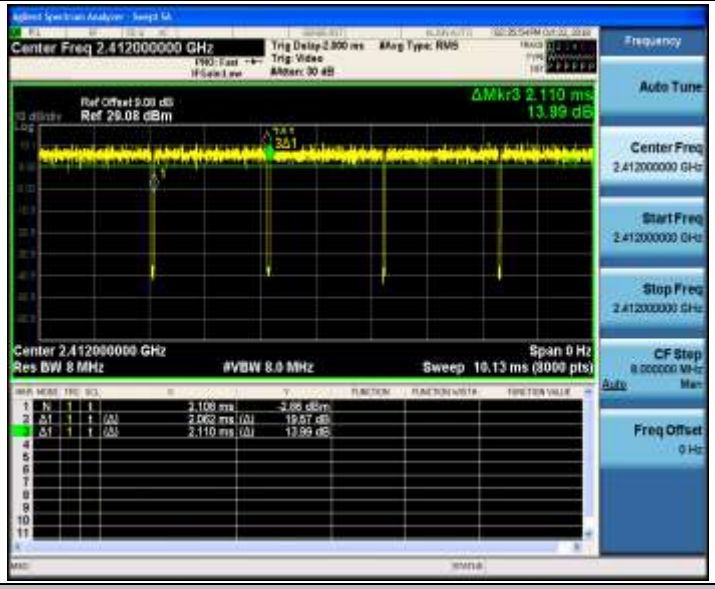
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.60	8.65	99.47
		2437	8.60	8.65	99.47
		2462	8.60	8.65	99.47
11G	Ant1	2412	2.06	2.11	97.72
		2417	2.06	2.11	97.72
		2437	2.06	2.11	97.72
		2457	2.06	2.11	97.72
		2462	2.06	2.11	97.66
11N20SISO	Ant1	2412	2.59	2.64	98.18
		2417	2.59	2.64	98.18
		2437	2.59	2.64	98.18
		2457	2.59	2.64	98.18
		2462	2.59	2.64	98.18
11N40SISO	Ant1	2422	1.27	1.31	96.43
		2427	1.27	1.31	96.43
		2437	1.27	1.31	96.43
		2447	1.27	1.31	96.43
		2452	1.27	1.31	96.43

Test Graphs

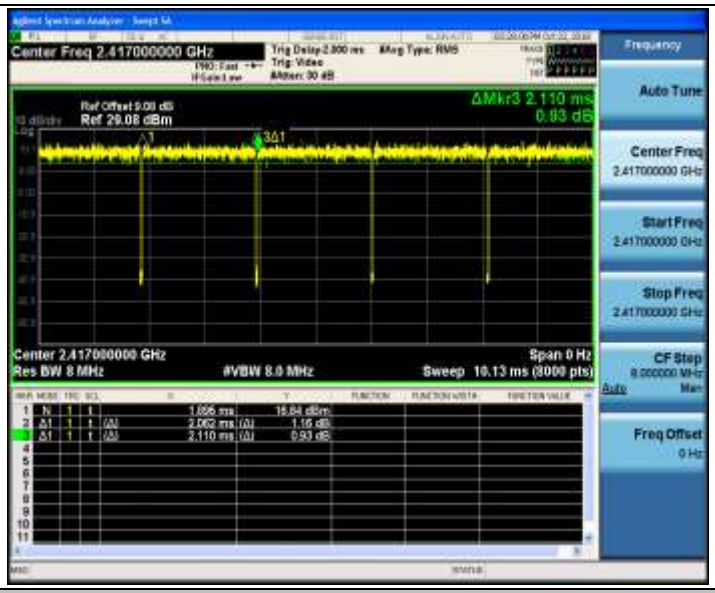
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462



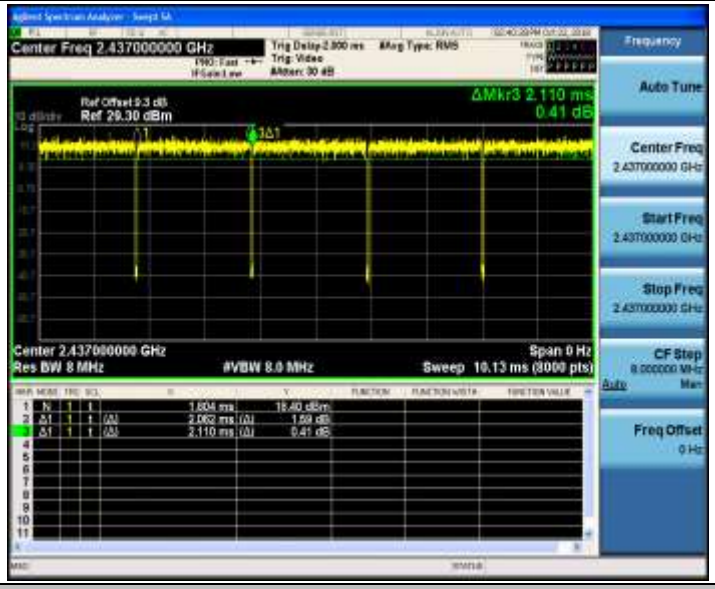
11G_Ant1_2412



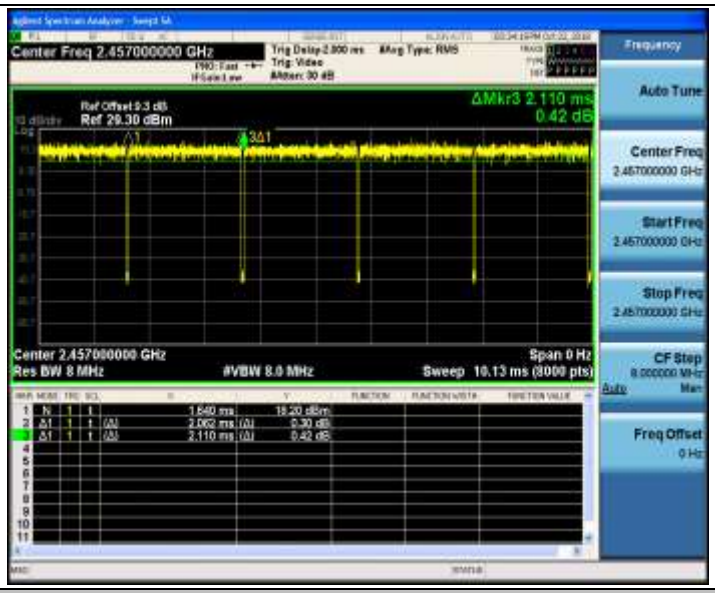
11G_Ant1_2417



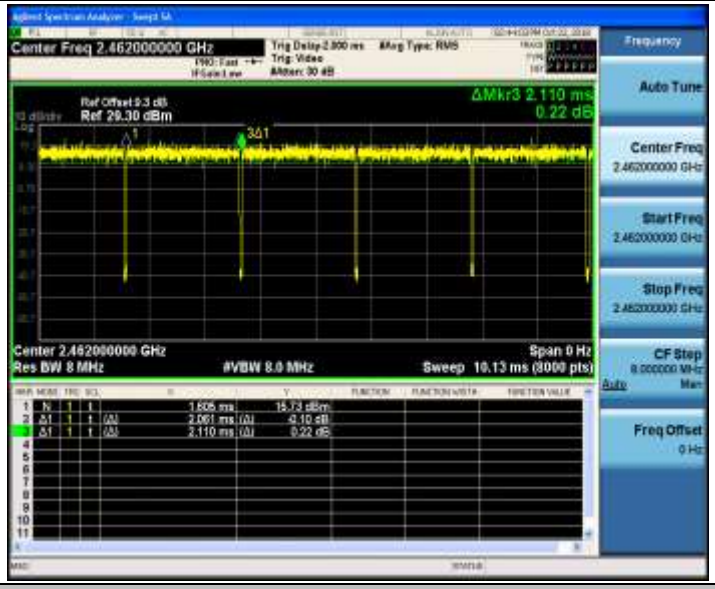
11G_Ant1_2437



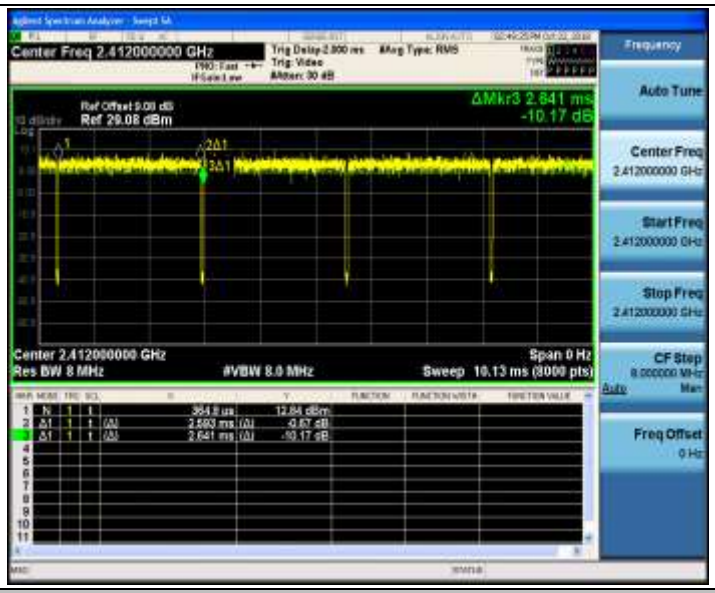
11G_Ant1_2457



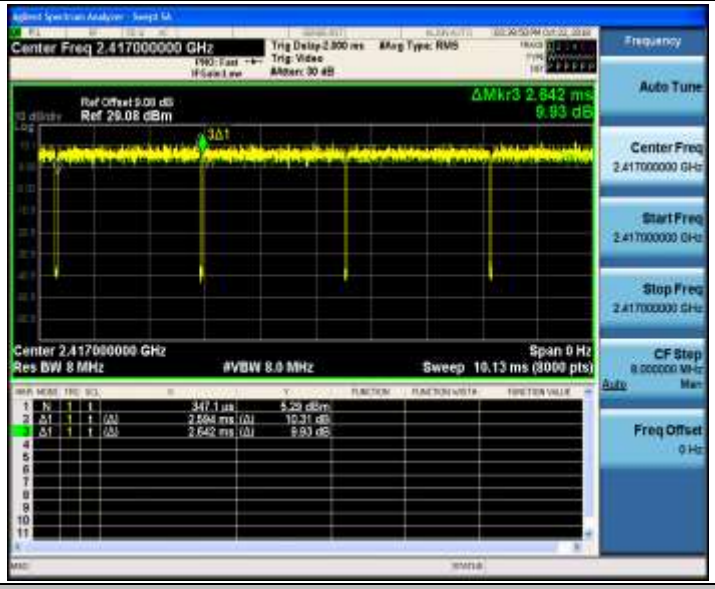
11G_Ant1_2462



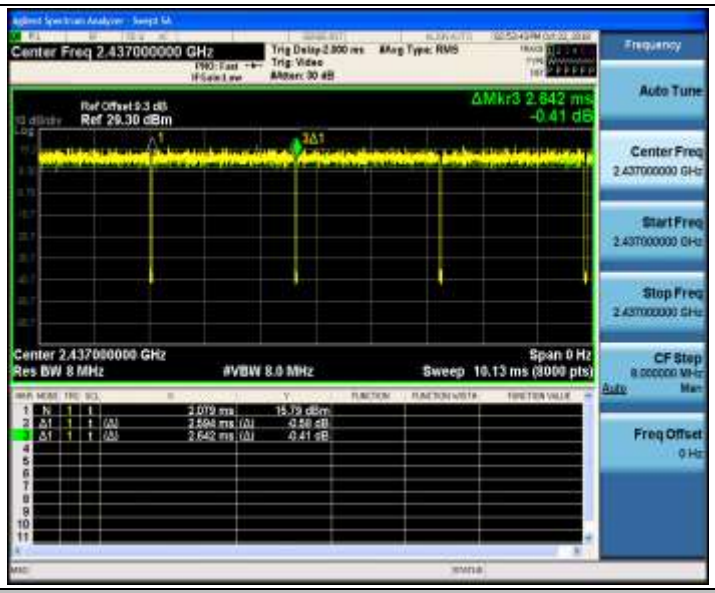
11N20SISO_Ant1_2412



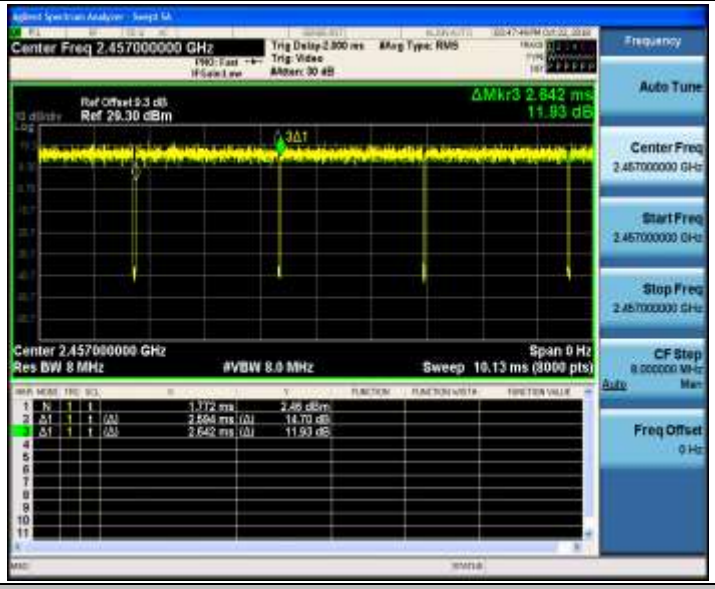
11N20SISO_Ant1_2417



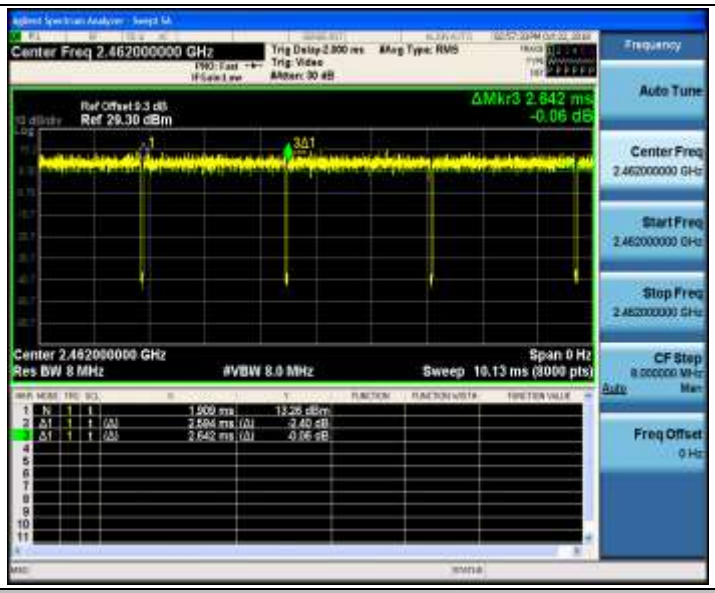
11N20SISO_Ant1_2437



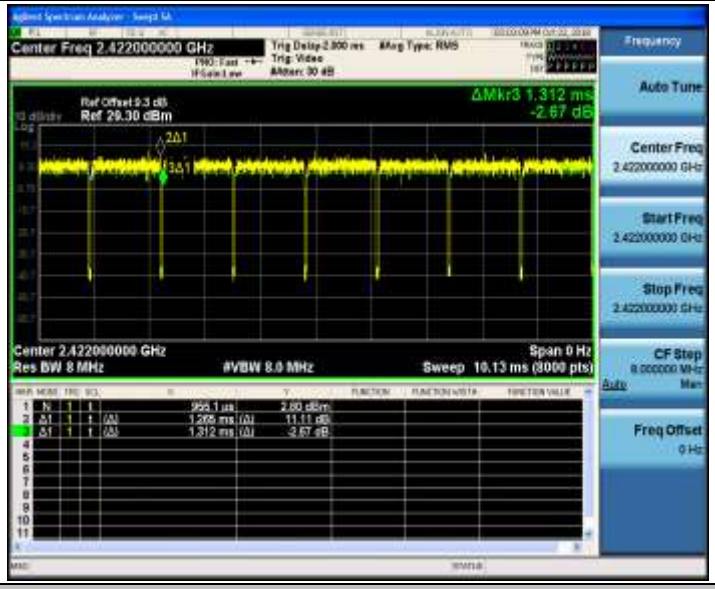
11N20SISO_Ant1_2457



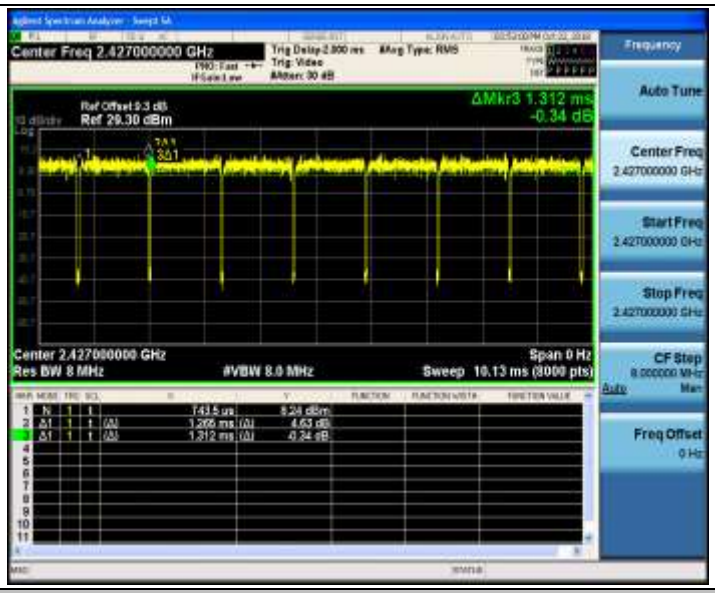
11N20SISO_Ant1_2462



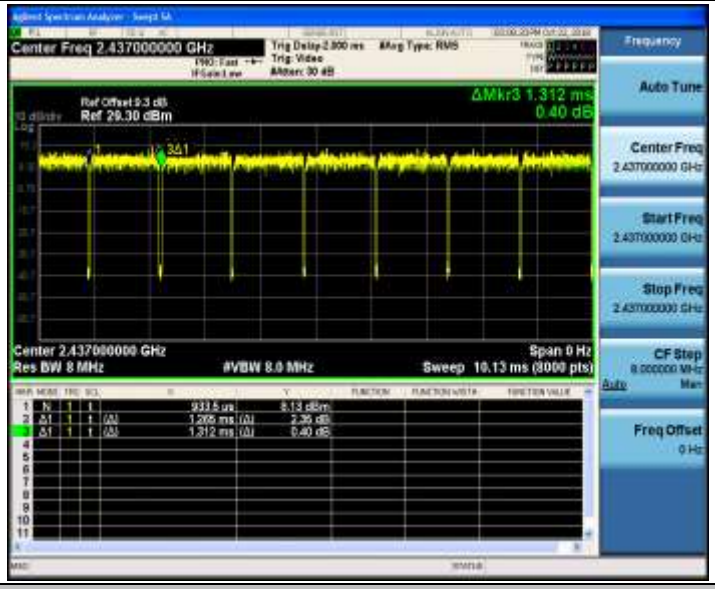
11N40SISO_Ant1_2422



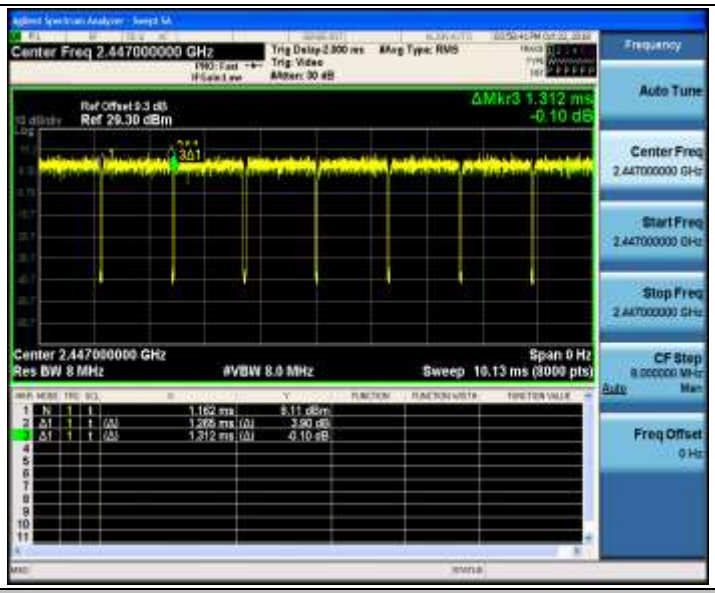
11N40SISO_Ant1_2427



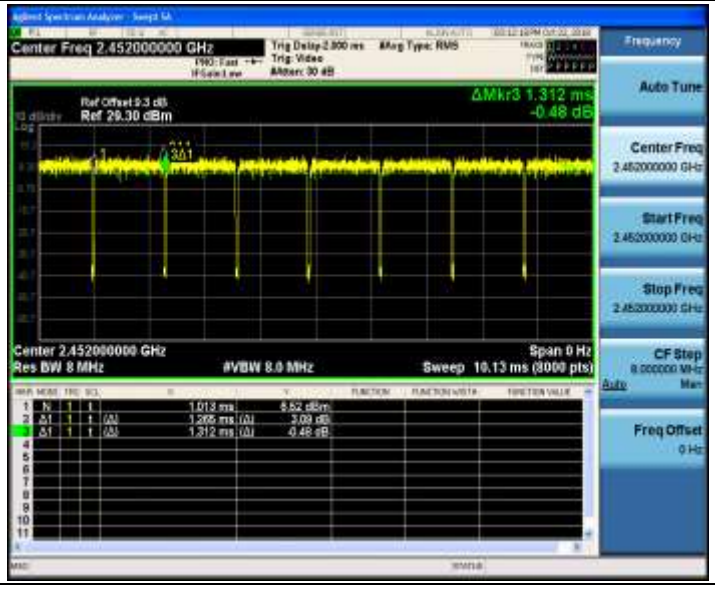
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452



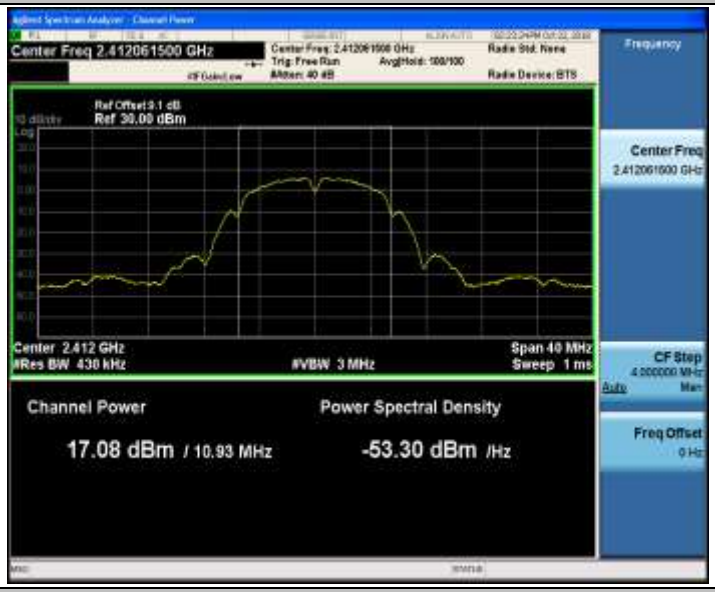
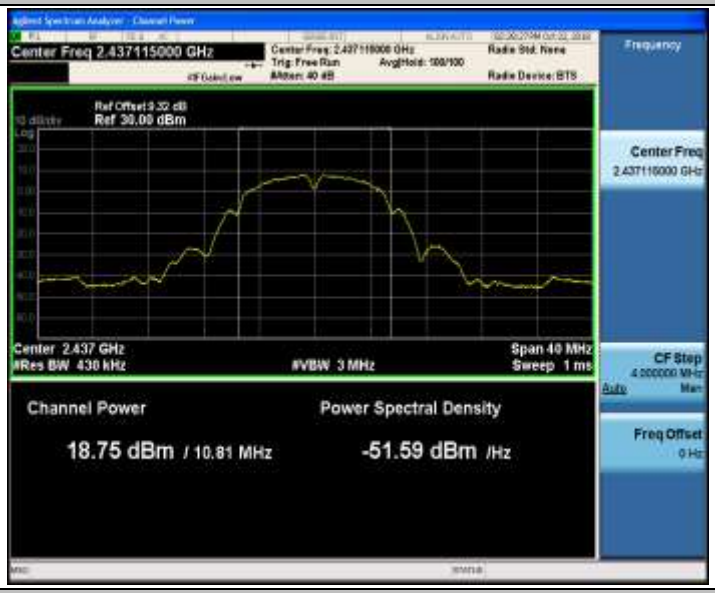
Appendix D: Maximum conducted Average output power

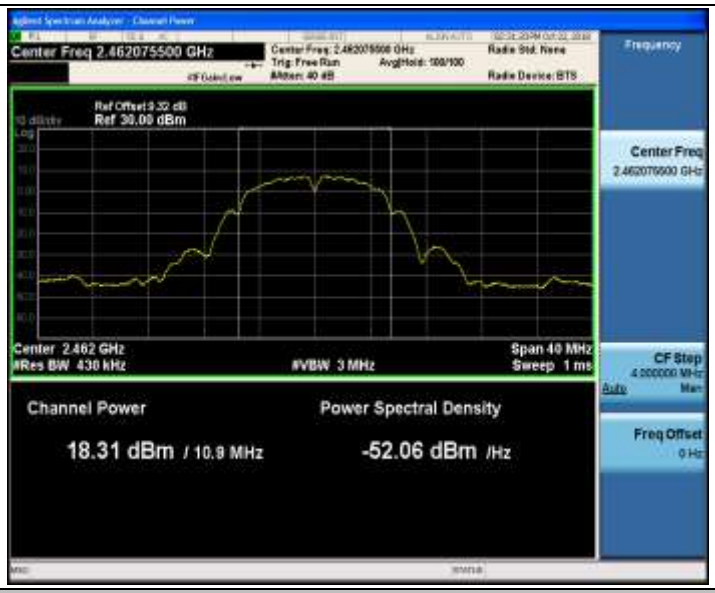
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.08	30	PASS
		2437	18.75	30	PASS
		2462	18.31	30	PASS
11G	Ant1	2412	13.70	30	PASS
		2417	16.67	30	PASS
		2437	17.67	30	PASS
		2457	17.56	30	PASS
		2462	14.72	30	PASS
11N20SISO	Ant1	2412	11.37	30	PASS
		2417	14.27	30	PASS
		2437	14.53	30	PASS
		2457	14.53	30	PASS
		2462	12.38	30	PASS
11N40SISO	Ant1	2422	12.36	30	PASS
		2427	14.64	30	PASS
		2437	14.54	30	PASS
		2447	14.22	30	PASS
		2452	12.26	30	PASS

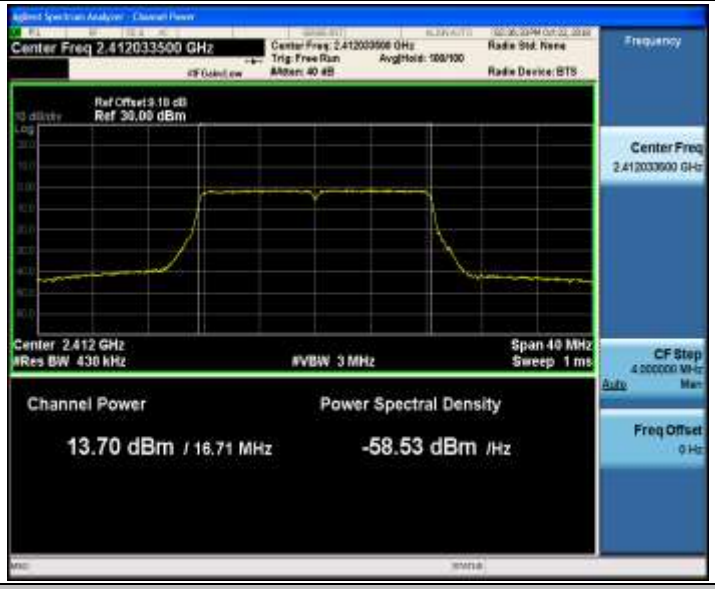
Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs

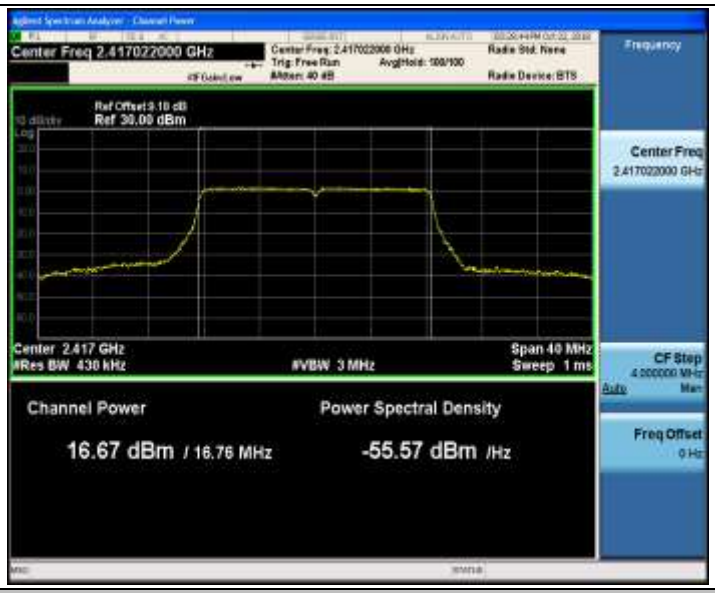
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462



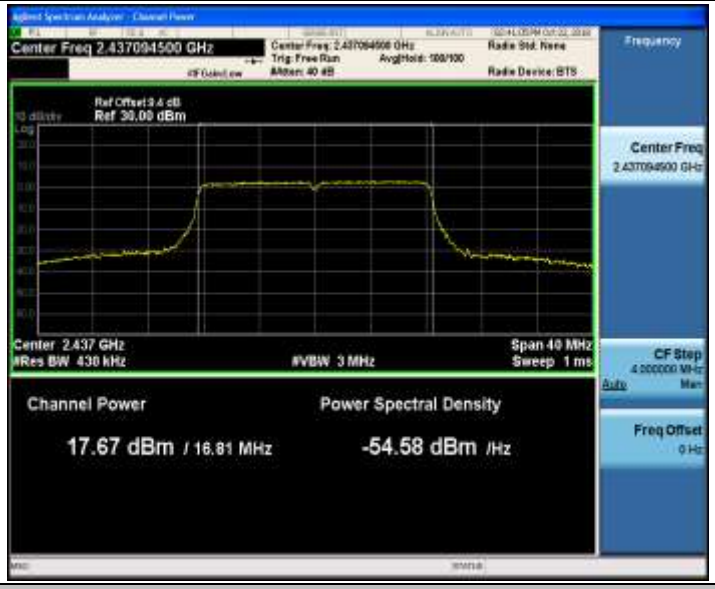
11G_Ant1_2412



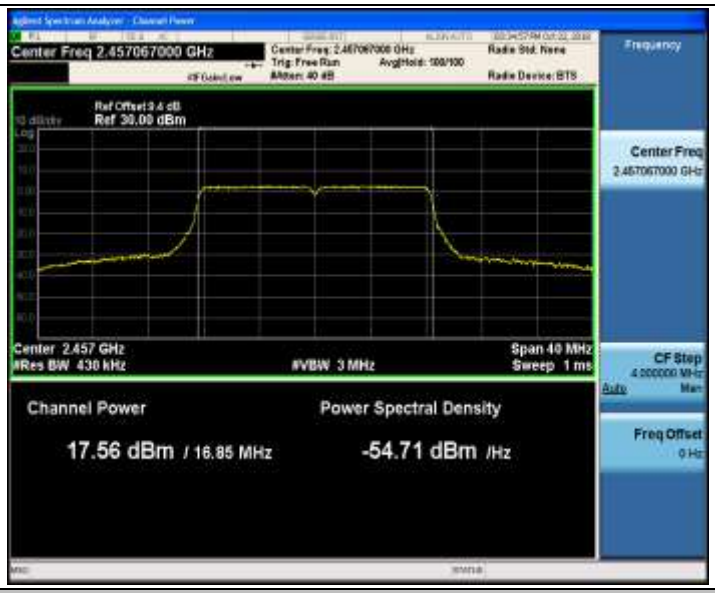
11G_Ant1_2417



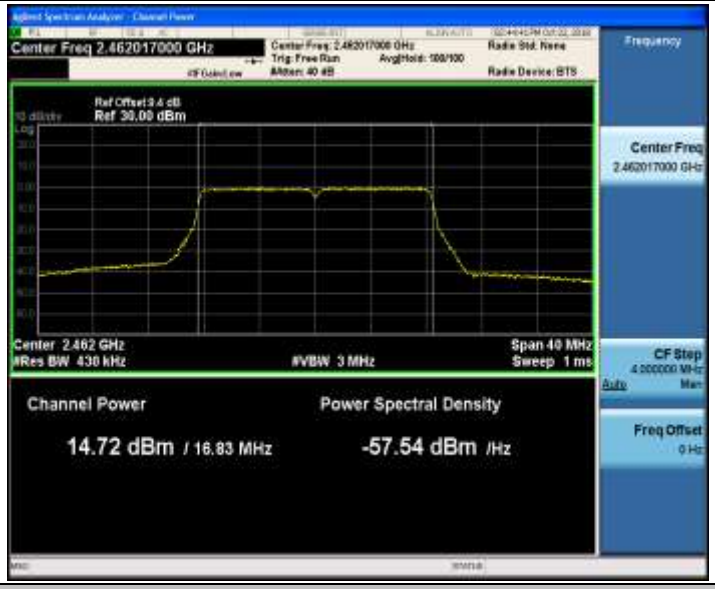
11G_Ant1_2437



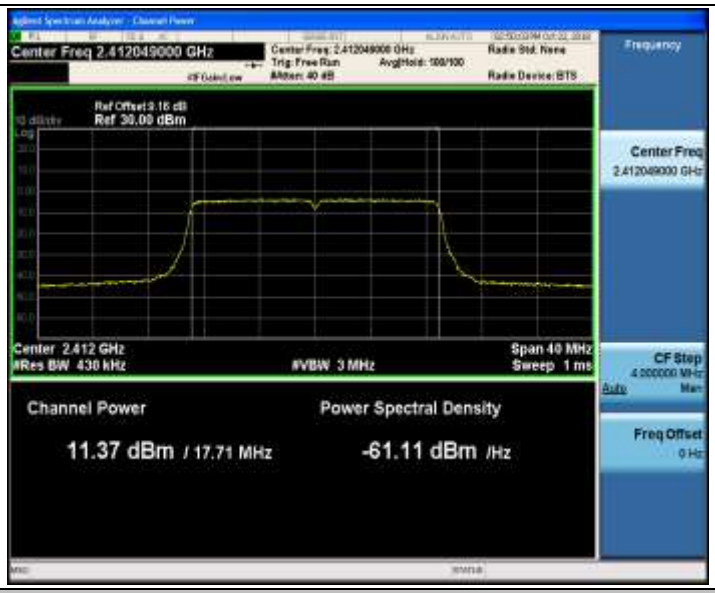
11G_Ant1_2457



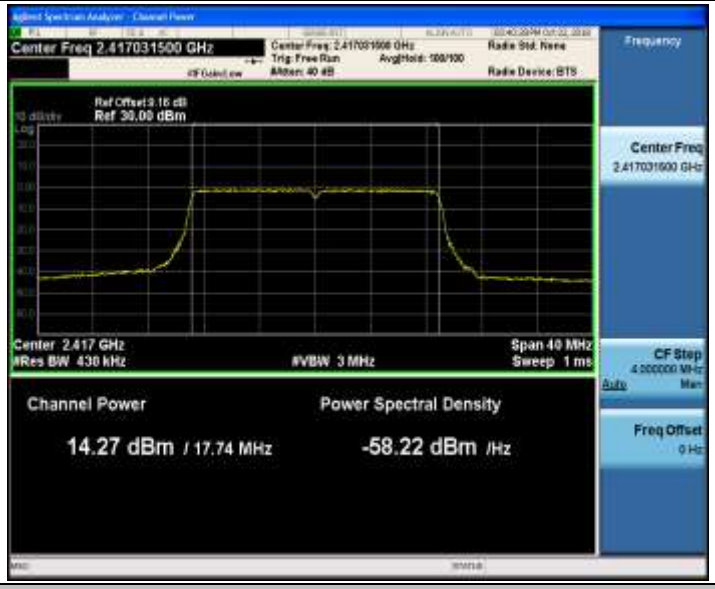
11G_Ant1_2462



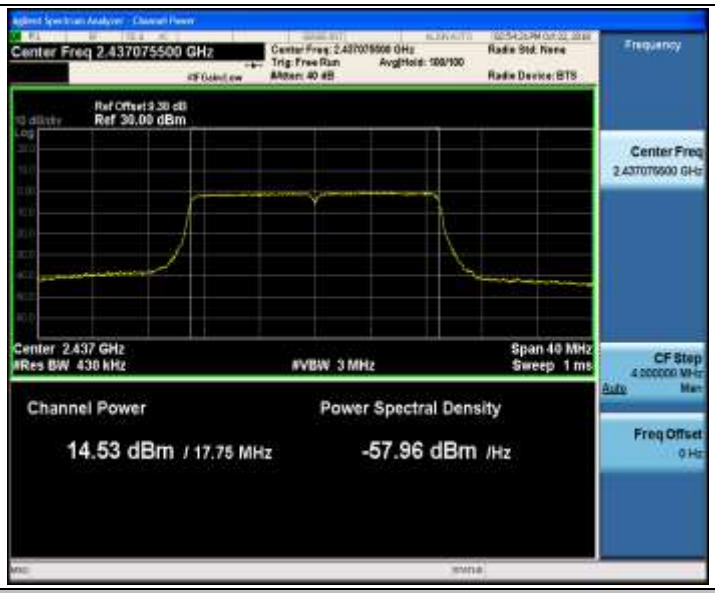
11N20SISO_Ant1_2412



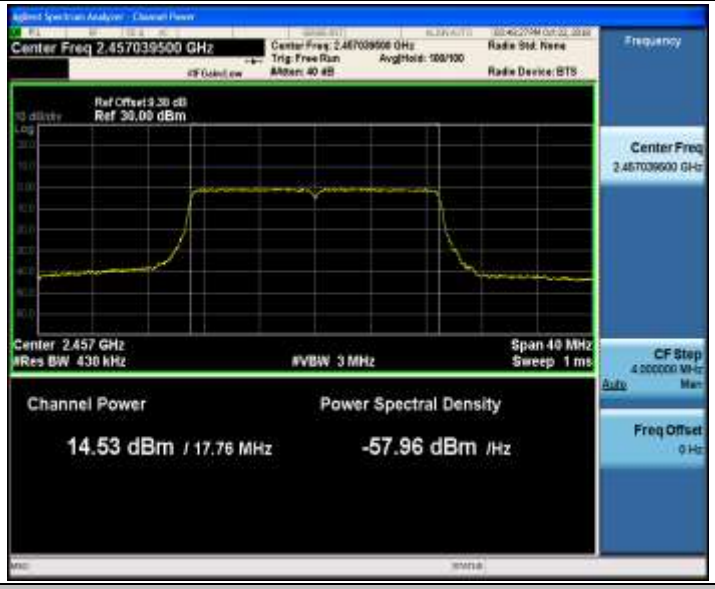
11N20SISO_Ant1_2417



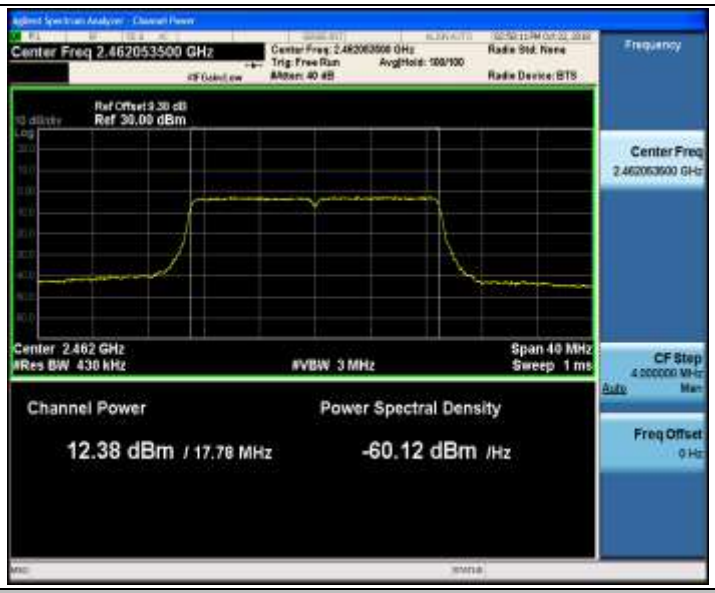
11N20SISO_Ant1_2437



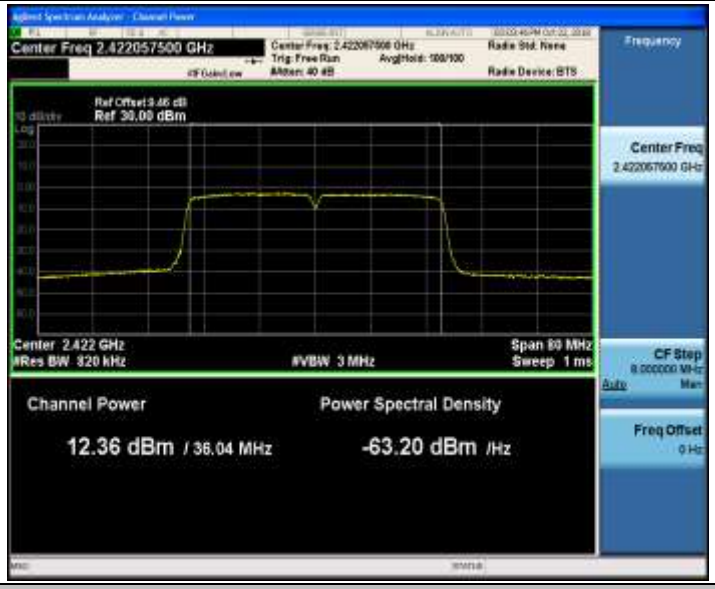
11N20SISO_Ant1_2457



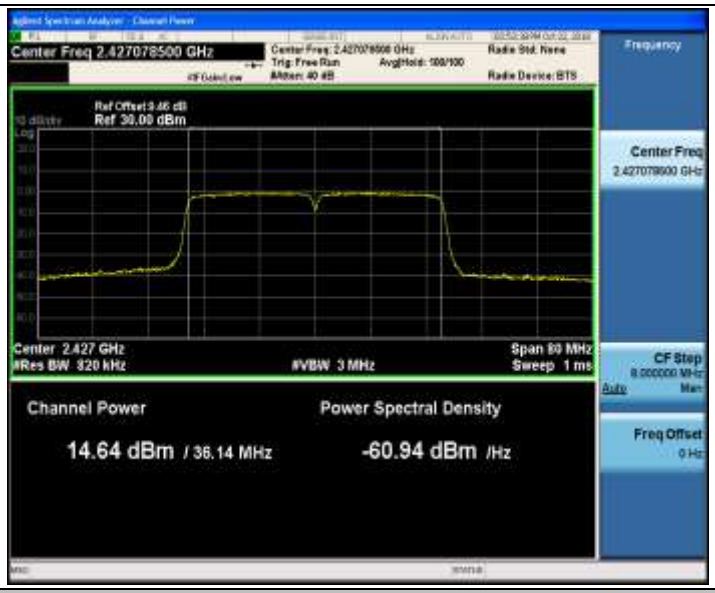
11N20SISO_Ant1_2462



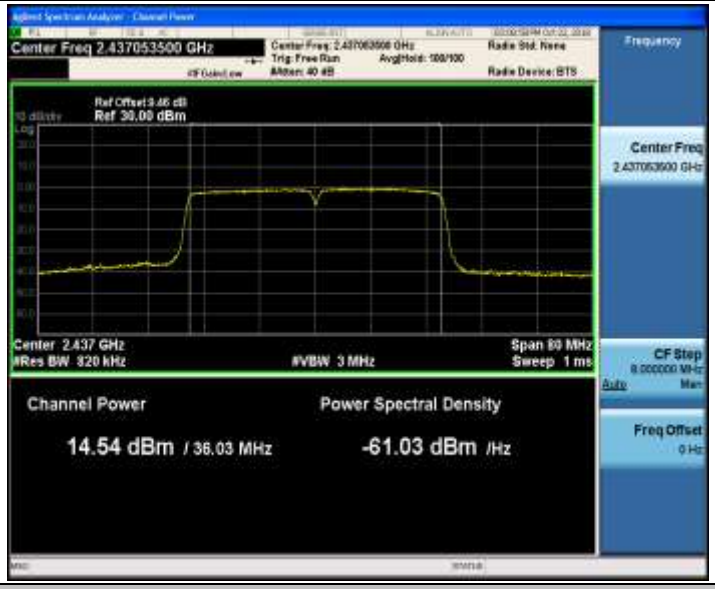
11N40SISO_Ant1_2422



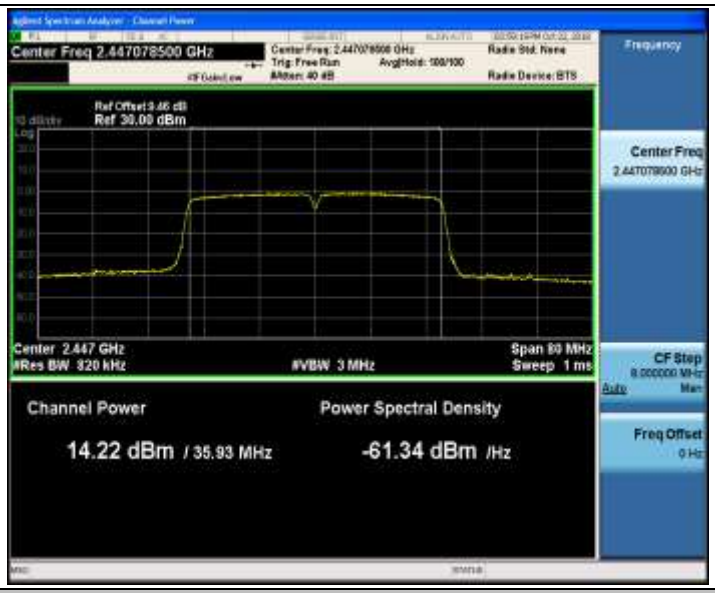
11N40SISO_Ant1_2427



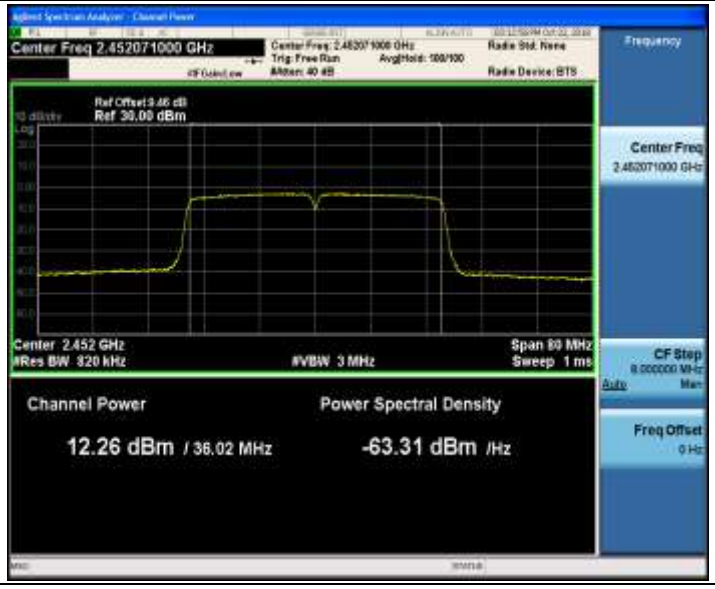
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.69	8	PASS
		2437	-7.1	8	PASS
		2462	-7.76	8	PASS
11G	Ant1	2412	-15.19	8	PASS
		2417	-12.08	8	PASS
		2437	-11.08	8	PASS
		2457	-11.13	8	PASS
		2462	-14.12	8	PASS
11N20SISO	Ant1	2412	-17.78	8	PASS
		2417	-15.17	8	PASS
		2437	-14.52	8	PASS
		2457	-14.73	8	PASS
		2462	-17.09	8	PASS
11N40SISO	Ant1	2422	-19.23	8	PASS
		2427	-17.06	8	PASS
		2437	-17.27	8	PASS
		2447	-17.6	8	PASS
		2452	-19.69	8	PASS

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

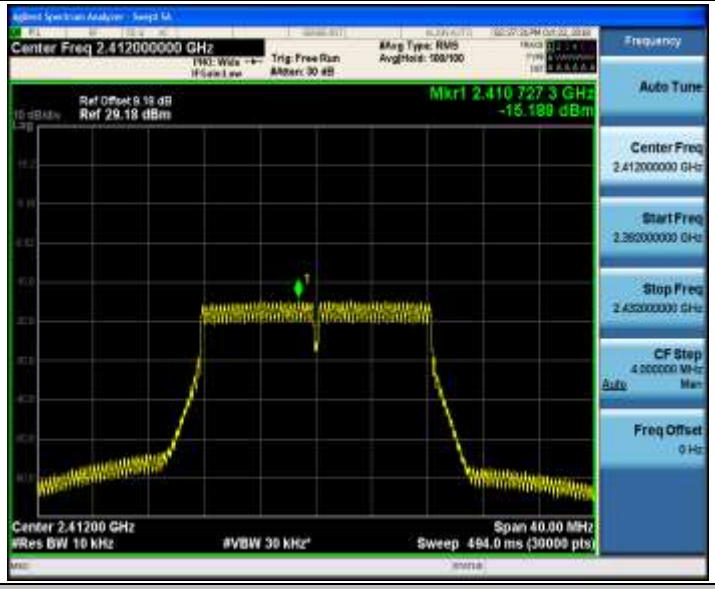
Test Graphs

11B_Ant1_2412

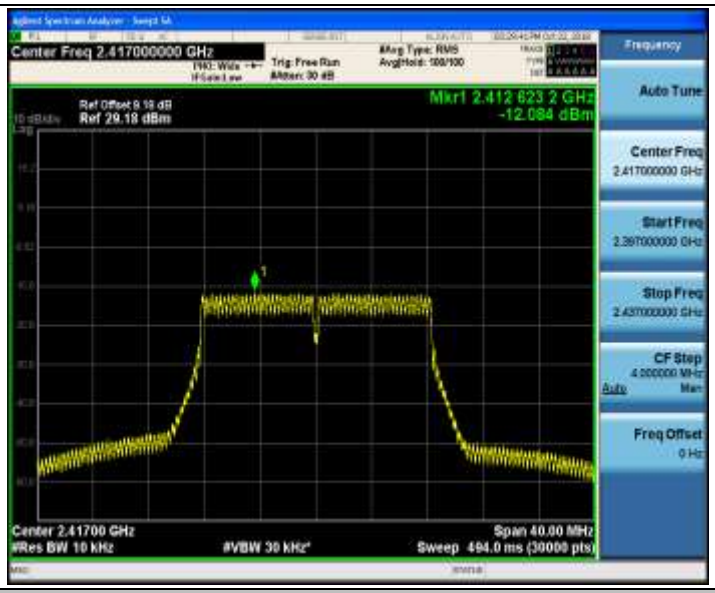
11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412

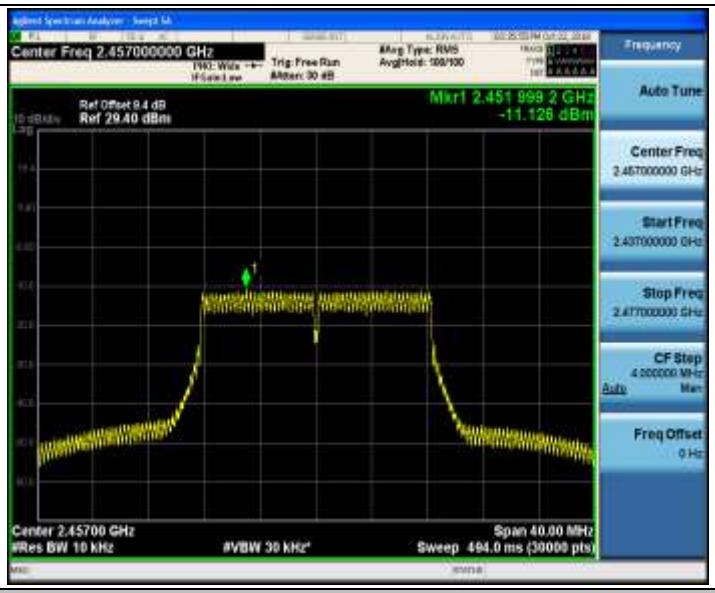


11G_Ant1_2417

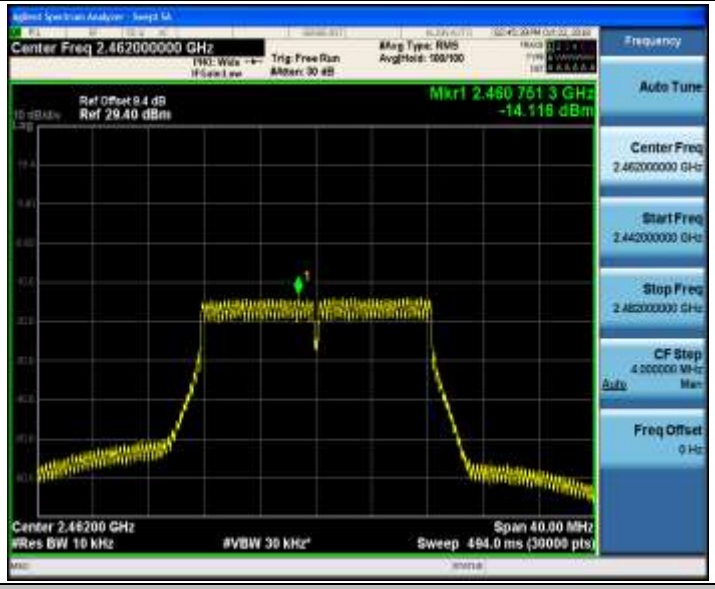


11G_Ant1_2437

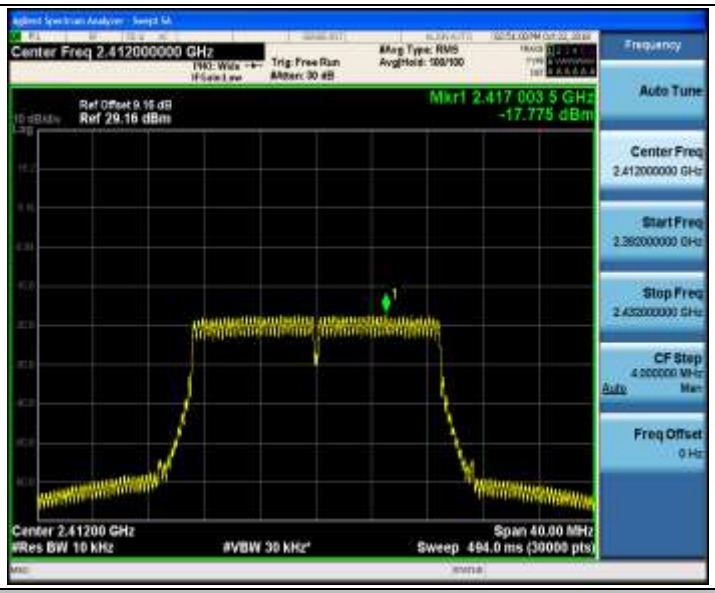
11G_Ant1_2457



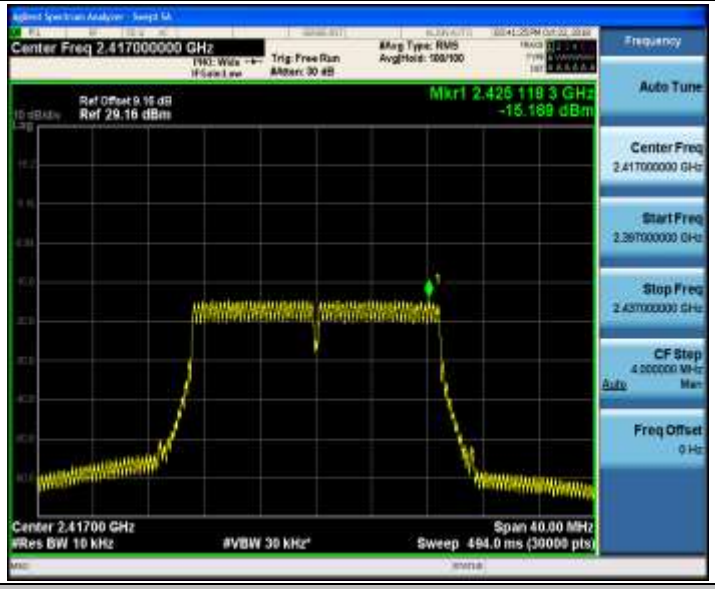
11G_Ant1_2462



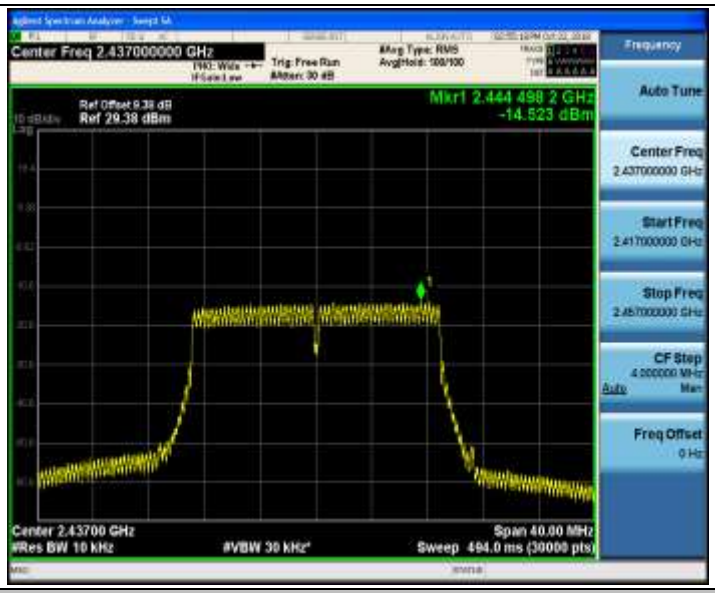
11N20SISO_Ant1_2412



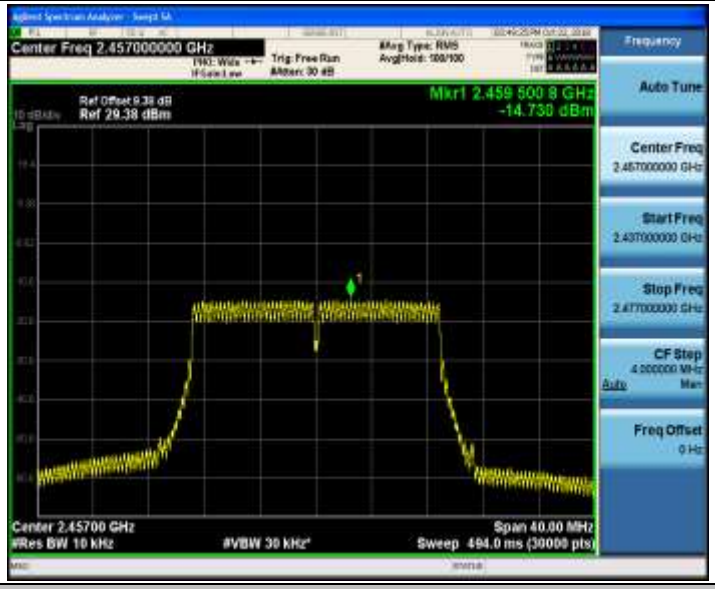
11N20SISO_Ant1_2417



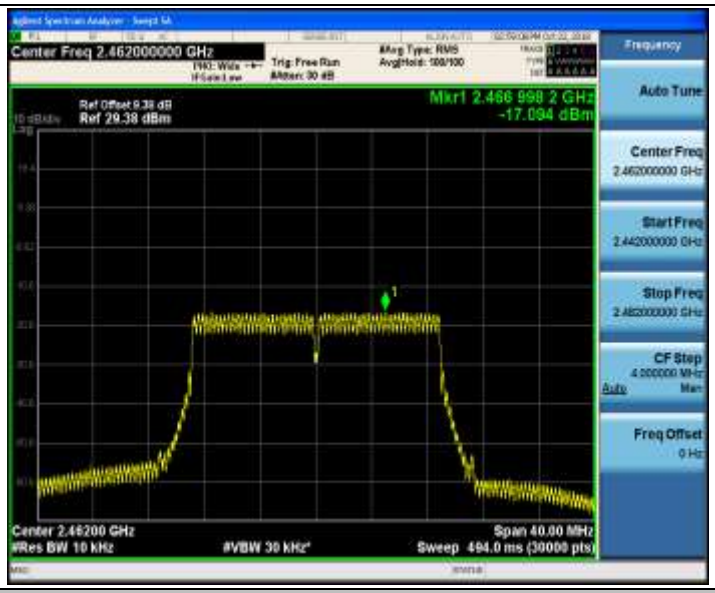
11N20SISO_Ant1_2437



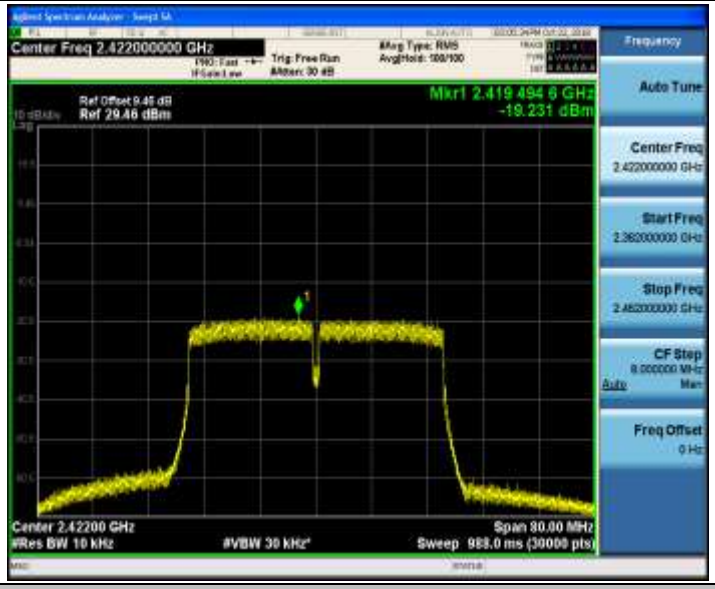
11N20SISO_Ant1_2457



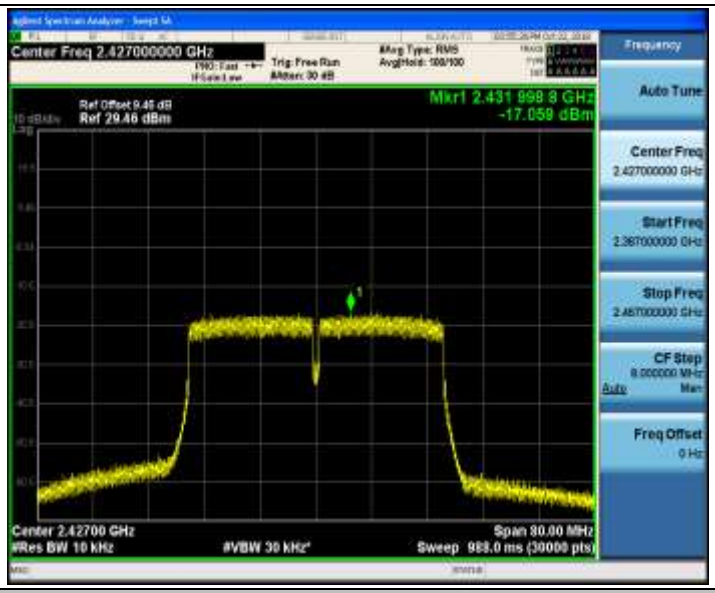
11N20SISO_Ant1_2462



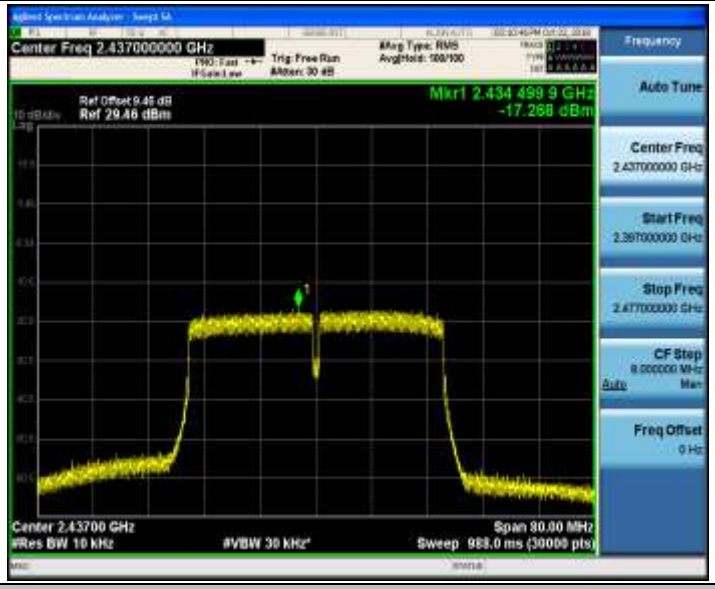
11N40SISO_Ant1_2422



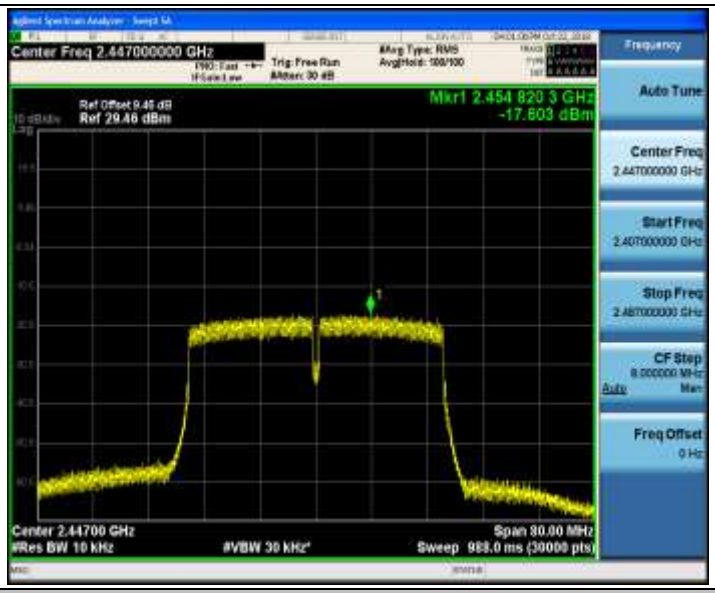
11N40SISO_Ant1_2427



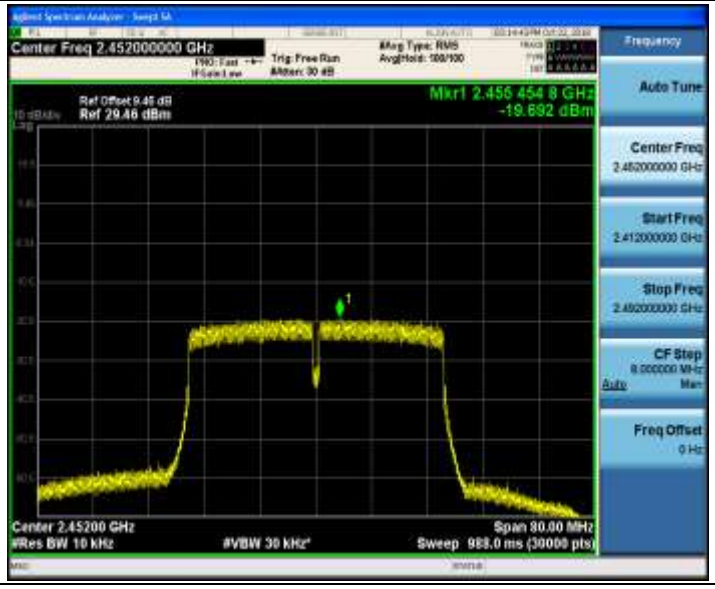
11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452



Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.68	-38.43	-21.32	PASS
		High	2462	10.31	-46.53	-19.69	PASS
11G	Ant1	Low	2412	2.02	-35.57	-27.98	PASS
			2417	5.77	-28.83	-24.23	PASS
		High	2457	5.90	-39.92	-24.1	PASS
			2462	2.99	-44.24	-27.01	PASS
11N20SISO	Ant1	Low	2412	-0.26	-39.53	-30.26	PASS
			2417	3.01	-37.57	-26.99	PASS
		High	2457	2.76	-45.61	-27.24	PASS
			2462	0.99	-46.75	-29.01	PASS
11N40SISO	Ant1	Low	2422	-1.62	-37.35	-31.62	PASS
			2427	0.24	-33.16	-29.76	PASS
		High	2447	0.27	-42.77	-29.73	PASS
			2452	-1.65	-44.97	-31.65	PASS

Test Graphs

11B_Ant1_Low_2412

11B_Ant1_High_2462

11G_Ant1_Low_2412

11G_Ant1_Low_2417

11G_Ant1_High_2457

11G_Ant1_High_2462

11N20SISO_Ant1_Low_2412

11N20SISO_Ant1_Low_2417

11N20SISO_Ant1_High_2457

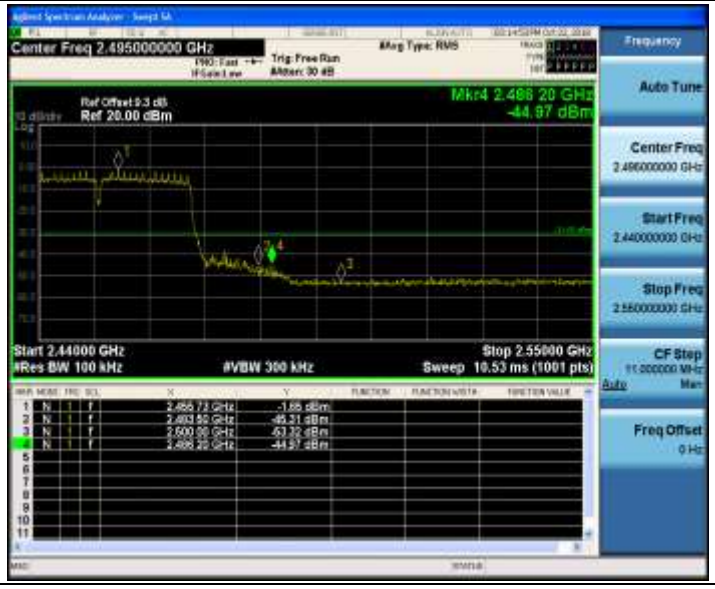
11N20SISO_Ant1_High_2462

11N40SISO_Ant1_Low_2422

11N40SISO_Ant1_Low_2427

11N40SISO_Ant1_High_2447

11N40SISO_Ant1_High_2452



Appendix G: Unwanted Emissions into Non-Restricted Frequency Bands

Test Result

TestMode	Antenna	Channel	FreqRange	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	Reference	12.86	12.86	---	PASS
			0.009~30	0.009~30	-68.67	-27.14	PASS
			30~1000	30~1000	-63.36	-17.14	PASS
			1000~26500	1000~26500	-37.51	-17.14	PASS
		2437	Reference	7.34	7.34	---	PASS
			0.009~30	0.009~30	-73.64	-32.66	PASS
			30~1000	30~1000	-63.35	-22.66	PASS
			1000~26500	1000~26500	-36.22	-22.66	PASS
		2462	Reference	12.18	12.18	---	PASS
			0.009~30	0.009~30	-69.33	-27.82	PASS
			30~1000	30~1000	-62.91	-17.82	PASS
			1000~26500	1000~26500	-36.76	-17.82	PASS
11G	Ant1	2412	Reference	5.92	5.92	---	PASS
			0.009~30	0.009~30	-75.13	-34.08	PASS
			30~1000	30~1000	-63.36	-24.08	PASS
			1000~26500	1000~26500	-37.55	-24.08	PASS
		2417	Reference	9.03	9.03	---	PASS
			0.009~30	0.009~30	-73.91	-30.97	PASS
			30~1000	30~1000	-62.25	-20.97	PASS
			1000~26500	1000~26500	-35.28	-20.97	PASS
		2437	Reference	3.50	3.50	---	PASS
			0.009~30	0.009~30	-74.98	-36.5	PASS
			30~1000	30~1000	-62.84	-26.5	PASS
			1000~26500	1000~26500	-37.32	-26.5	PASS

TestMode	Antenna	Channel	FreqRange	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
		2457	Reference	7.14	7.14	---	PASS
			0.009~30	0.009~30	-73.82	-32.86	PASS
			30~1000	30~1000	-63.51	-22.86	PASS
			1000~26500	1000~26500	-37.33	-22.86	PASS
		2462	Reference	5.56	5.56	---	PASS
			0.009~30	0.009~30	-74.65	-34.44	PASS
			30~1000	30~1000	-63.07	-24.44	PASS
			1000~26500	1000~26500	-37.46	-24.44	PASS
11N20SISO	Ant1	2412	Reference	3.40	3.40	---	PASS
			0.009~30	0.009~30	-73.81	-36.6	PASS
			30~1000	30~1000	-62.67	-26.6	PASS
			1000~26500	1000~26500	-38.06	-26.6	PASS
		2417	Reference	6.17	6.17	---	PASS
			0.009~30	0.009~30	-74.77	-33.83	PASS
			30~1000	30~1000	-62.91	-23.83	PASS
			1000~26500	1000~26500	-36.63	-23.83	PASS
		2437	Reference	0.86	0.86	---	PASS
			0.009~30	0.009~30	-75.22	-39.14	PASS
			30~1000	30~1000	-62.71	-29.14	PASS
			1000~26500	1000~26500	-37.79	-29.14	PASS
		2457	Reference	4.68	4.68	---	PASS
			0.009~30	0.009~30	-73.42	-35.32	PASS
			30~1000	30~1000	-62.66	-25.32	PASS
			1000~26500	1000~26500	-37.98	-25.32	PASS
		2462	Reference	2.92	2.92	---	PASS
			0.009~30	0.009~30	-75.05	-37.08	PASS
			30~1000	30~1000	-63.55	-27.08	PASS
			1000~26500	1000~26500	-37.57	-27.08	PASS
11N40SIS	Ant1	2422	Reference	-0.04	-0.04	---	PASS

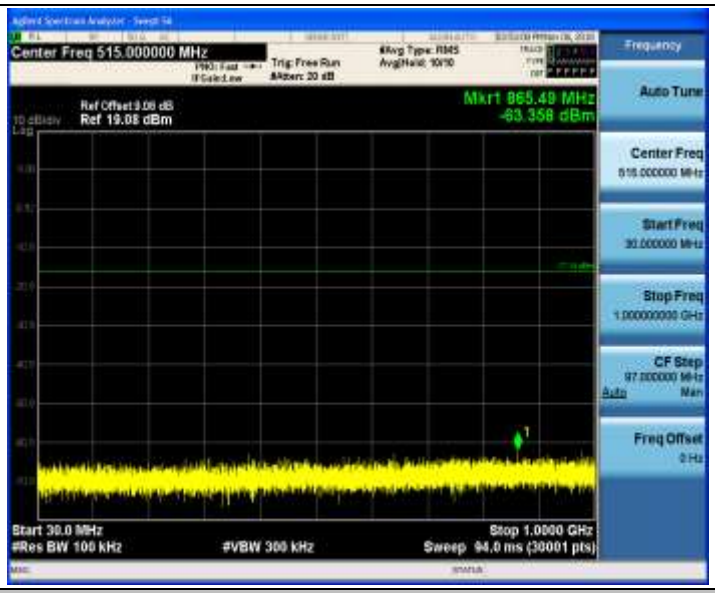
TestMode	Antenna	Channel	FreqRange	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
O			0.009~30	0.009~30	-74.68	-40.04	PASS
			30~1000	30~1000	-62.78	-30.04	PASS
			1000~26500	1000~26500	-36.46	-30.04	PASS
		2427	Reference	-0.12	-0.12	---	PASS
			0.009~30	0.009~30	-75.16	-40.12	PASS
			30~1000	30~1000	-62.91	-30.12	PASS
			1000~26500	1000~26500	-37.86	-30.12	PASS
		2437	Reference	-2.36	-2.36	---	PASS
			0.009~30	0.009~30	-74.36	-42.36	PASS
			30~1000	30~1000	-62.56	-32.36	PASS
			1000~26500	1000~26500	-37.74	-32.36	PASS
		2447	Reference	-0.65	-0.65	---	PASS
			0.009~30	0.009~30	-74.63	-40.65	PASS
			30~1000	30~1000	-62.45	-30.65	PASS
			1000~26500	1000~26500	-37.74	-30.65	PASS
		2452	Reference	-1.52	-1.52	---	PASS
			0.009~30	0.009~30	-74.86	-41.52	PASS
			30~1000	30~1000	-62.77	-31.52	PASS
			1000~26500	1000~26500	-37.2	-31.52	PASS

Test Graphs

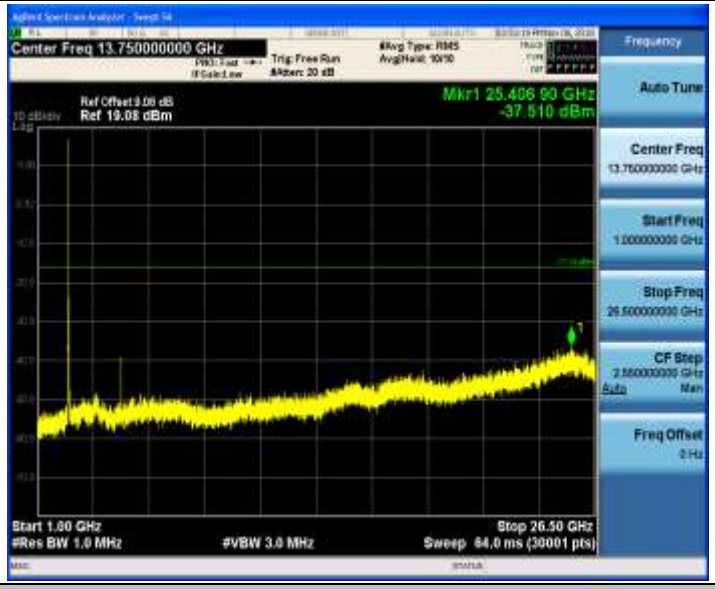
11B_Ant1_2412_0~Reference

11B_Ant1_2412_0.009~30

11B_Ant1_2412_30~1000



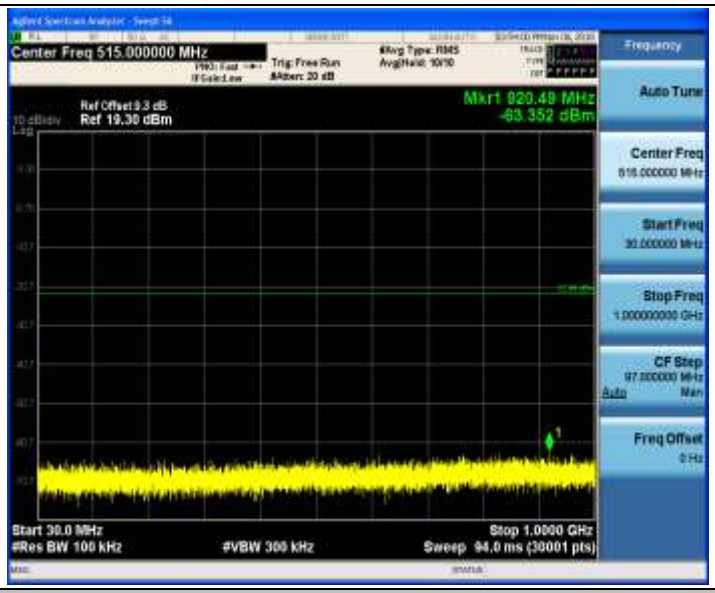
11B_Ant1_2412_1000~26500



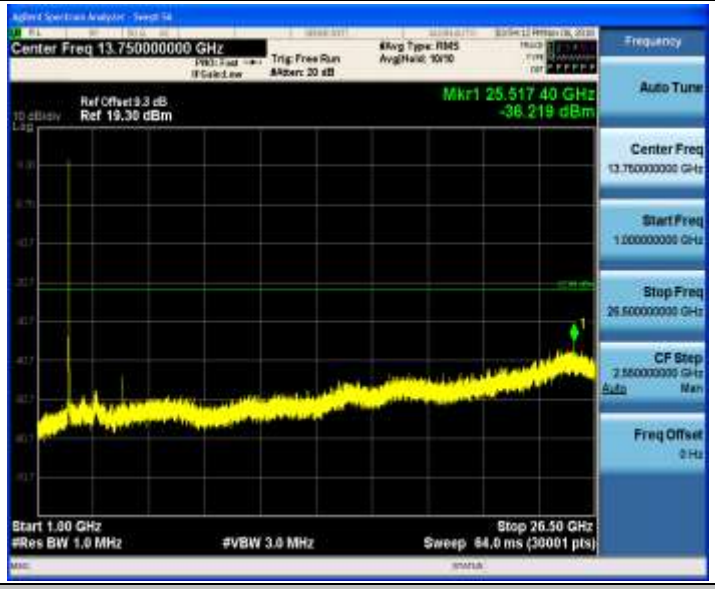
11B_Ant1_2437_0~Reference

11B_Ant1_2437_0.009~30

11B_Ant1_2437_30~1000



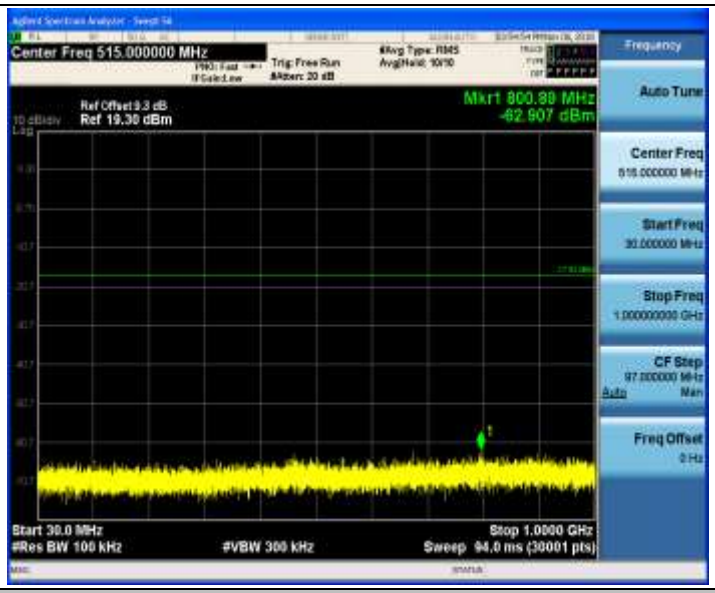
11B_Ant1_2437_1000~26500



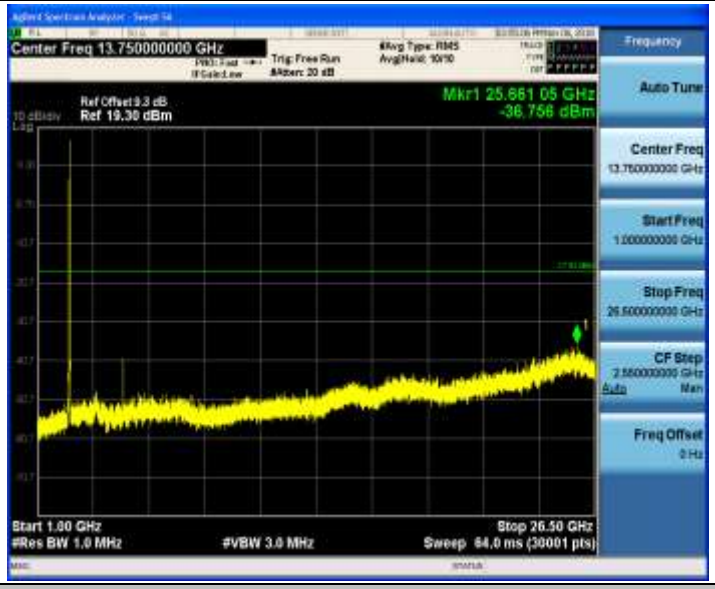
11B_Ant1_2462_0~Reference

11B_Ant1_2462_0.009~30

11B_Ant1_2462_30~1000



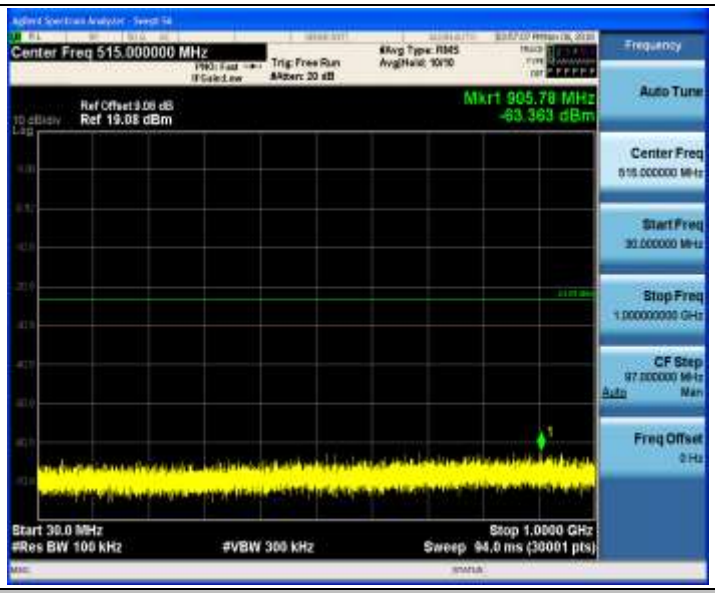
11B_Ant1_2462_1000~26500



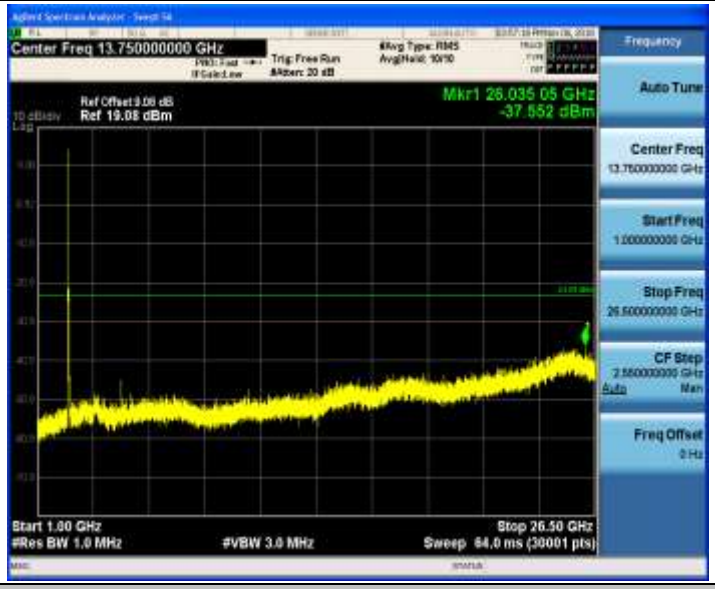
11G_Ant1_2412_0~Reference

11G_Ant1_2412_0.009~30

11G_Ant1_2412_30~1000



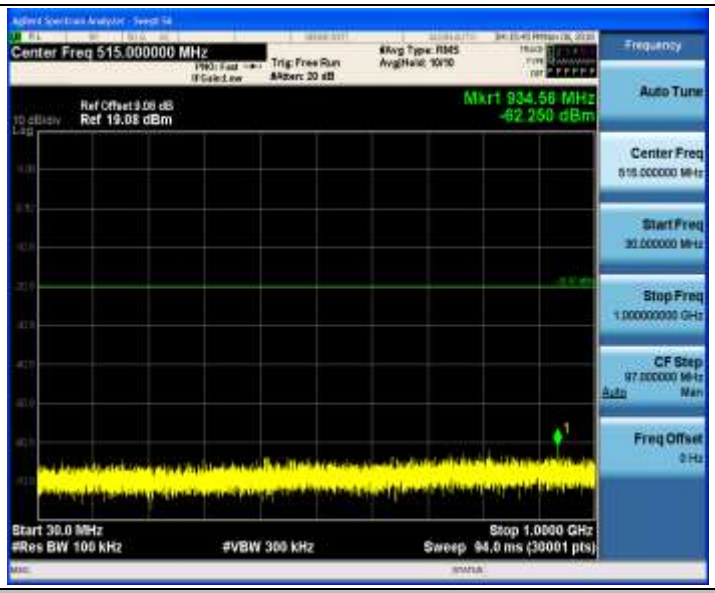
11G_Ant1_2412_1000~26500



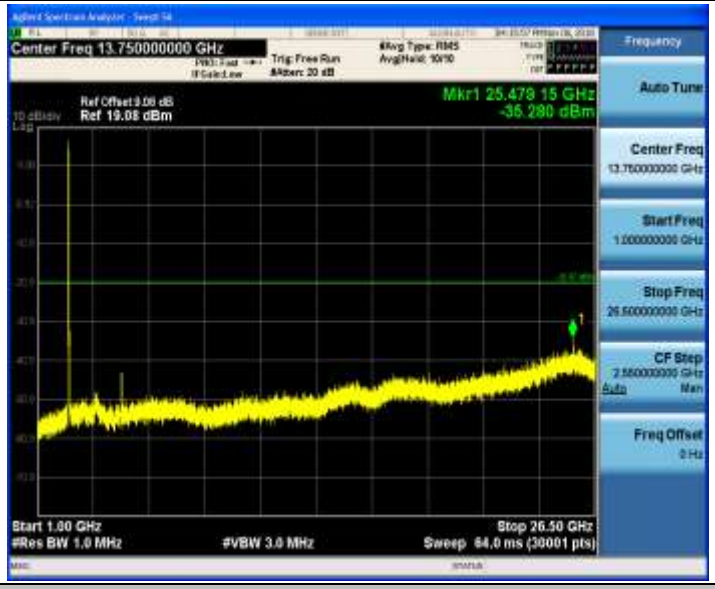
11G_Ant1_2417_0~Reference

11G_Ant1_2417_0.009~30

11G_Ant1_2417_30~1000



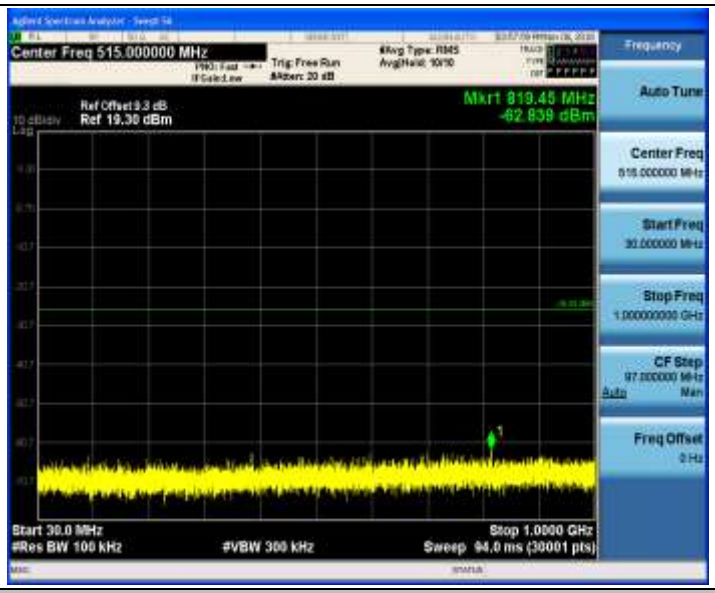
11G_Ant1_2417_1000~26500



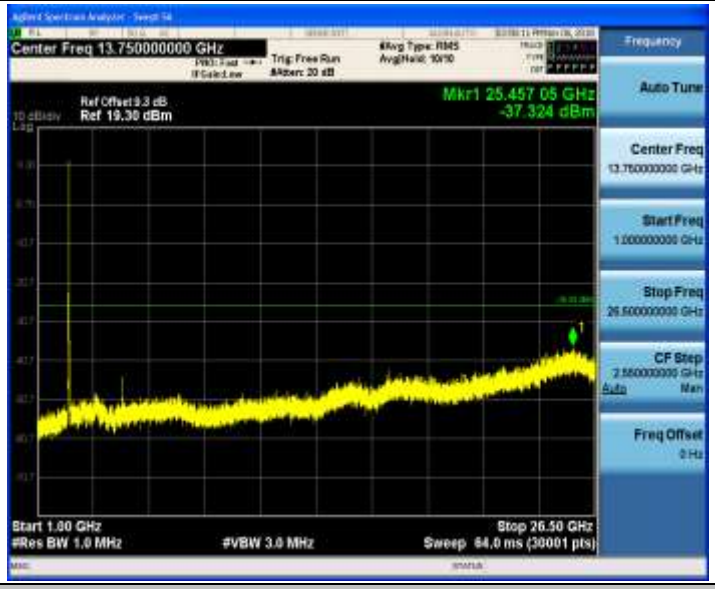
11G_Ant1_2437_0~Reference

11G_Ant1_2437_0.009~30

11G_Ant1_2437_30~1000



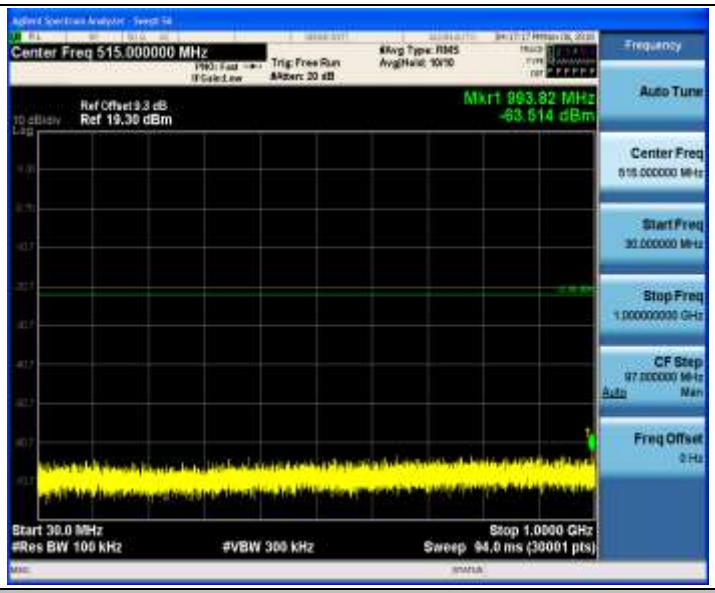
11G_Ant1_2437_1000~26500



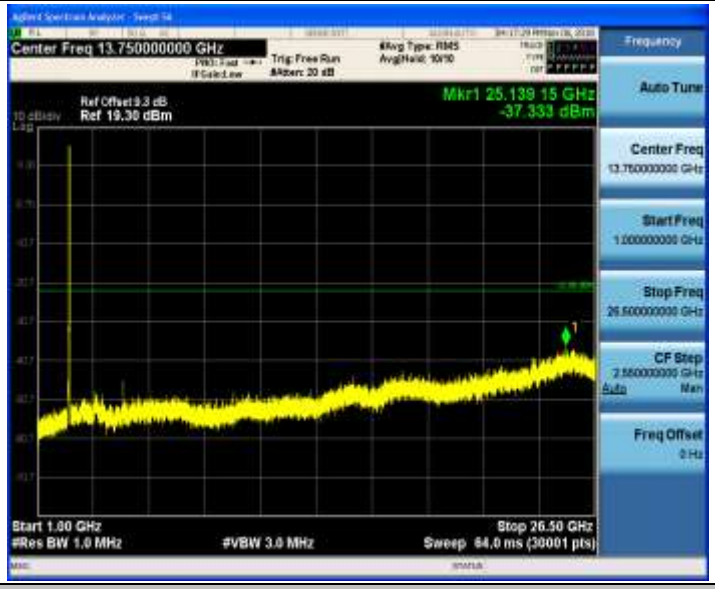
11G_Ant1_2457_0~Reference

11G_Ant1_2457_0.009~30

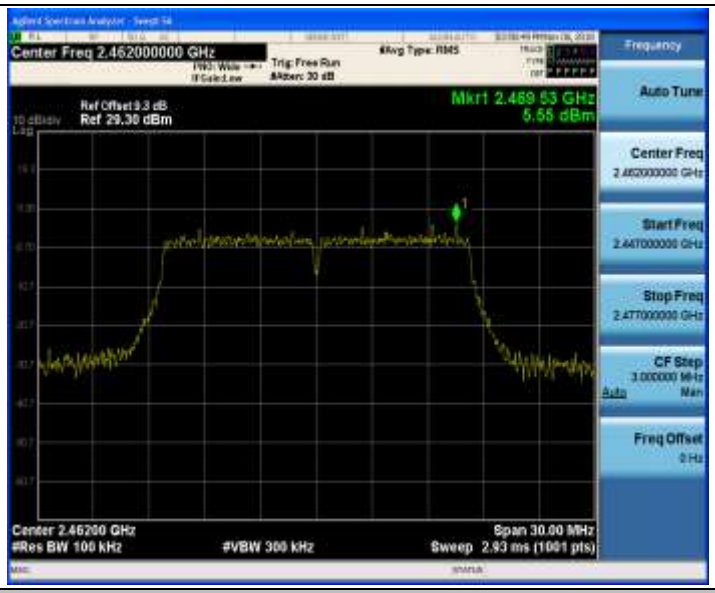
11G_Ant1_2457_30~1000



11G_Ant1_2457_1000~26500

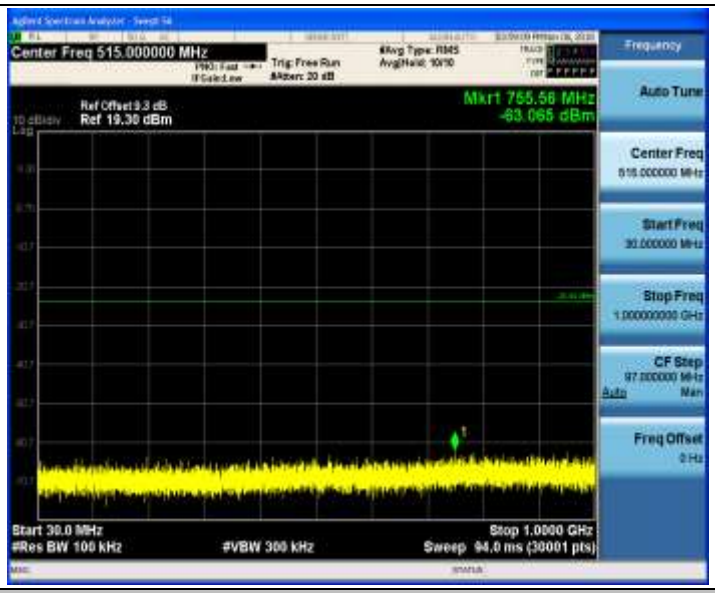


11G_Ant1_2462_0~Reference

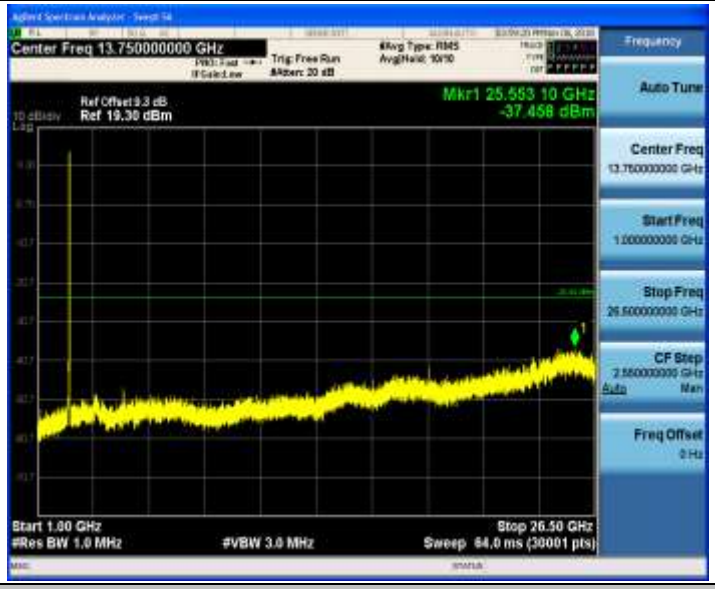


11G_Ant1_2462_0.009~30

11G_Ant1_2462_30~1000



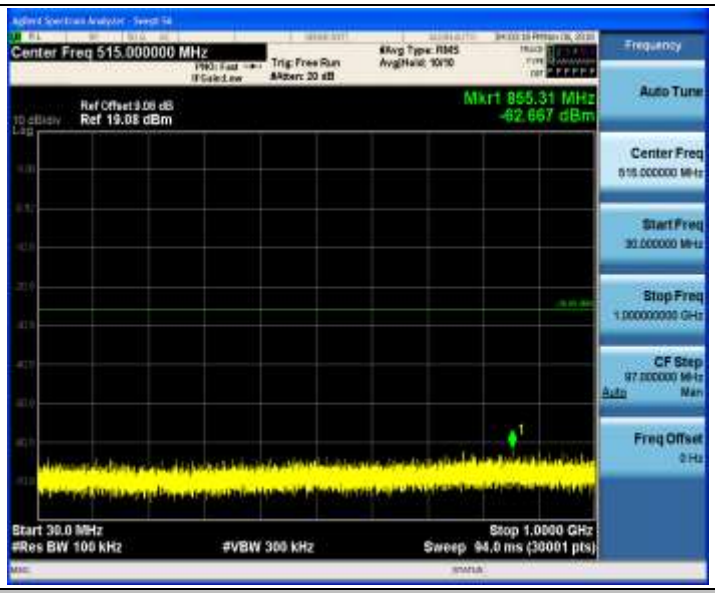
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

11N20SISO_Ant1_2412_0.009~30

11N20SISO_Ant1_2412_30~1000

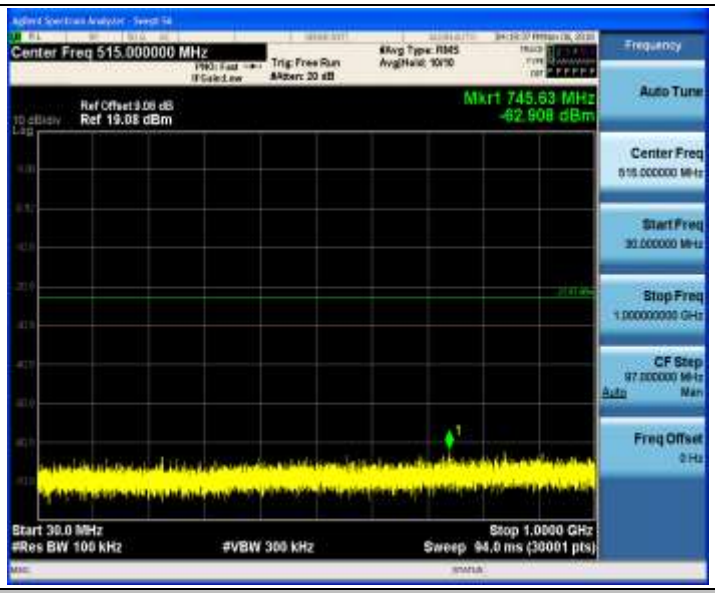


11N20SISO_Ant1_2412_1000~26500

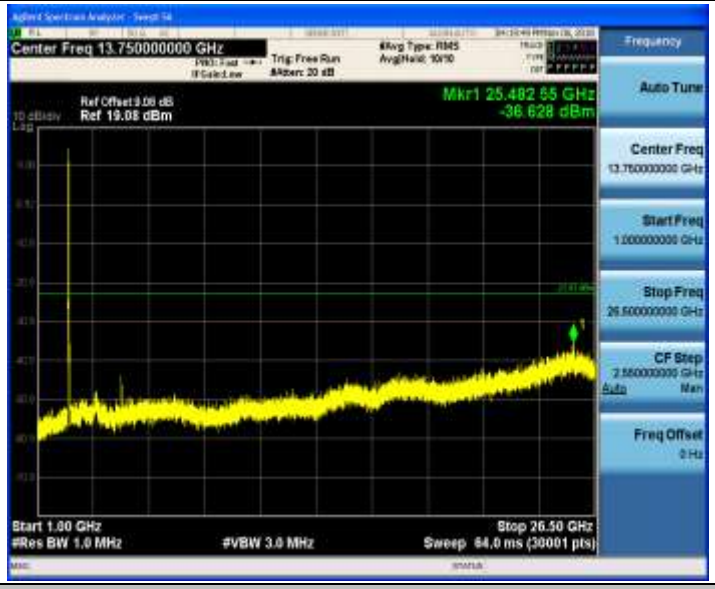
11N20SISO_Ant1_2417_0~Reference

11N20SISO_Ant1_2417_0.009~30

11N20SISO_Ant1_2417_30~1000



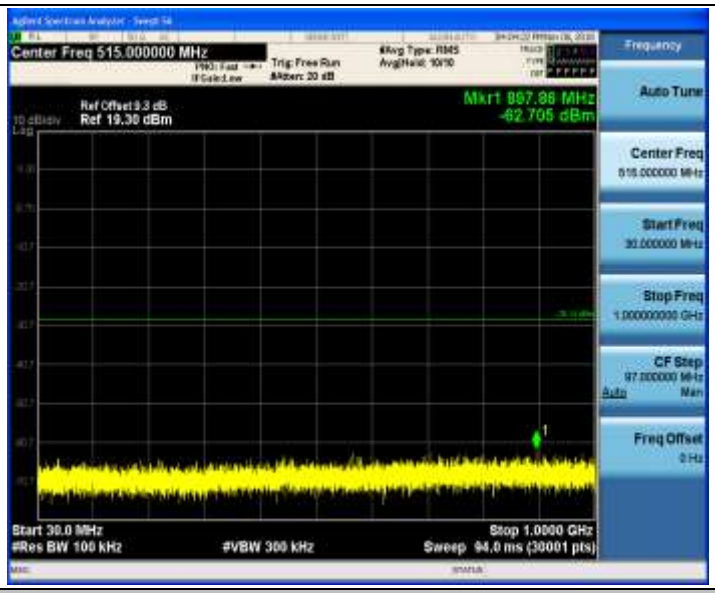
11N20SISO_Ant1_2417_1000~26500



11N20SISO_Ant1_2437_0~Reference

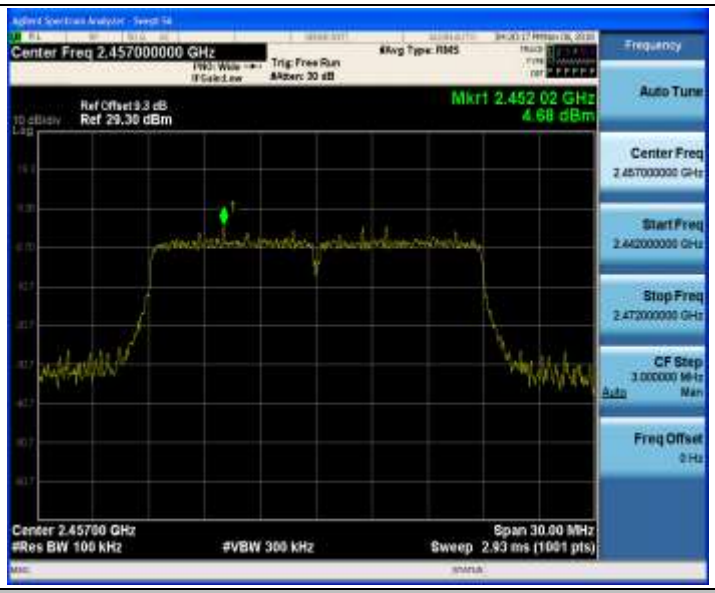
11N20SISO_Ant1_2437_0.009~30

11N20SISO_Ant1_2437_30~1000



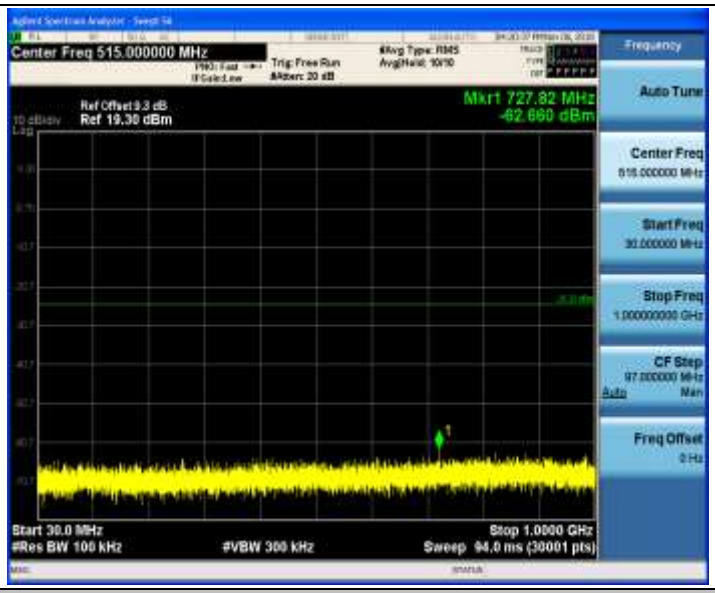
11N20SISO_Ant1_2437_1000~26500

11N20SISO_Ant1_2457_0~Reference

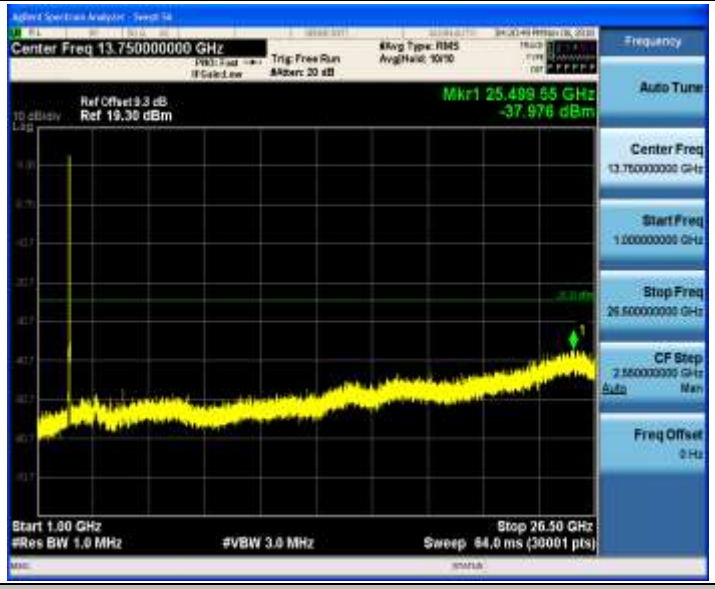


11N20SISO_Ant1_2457_0.009~30

11N20SISO_Ant1_2457_30~1000



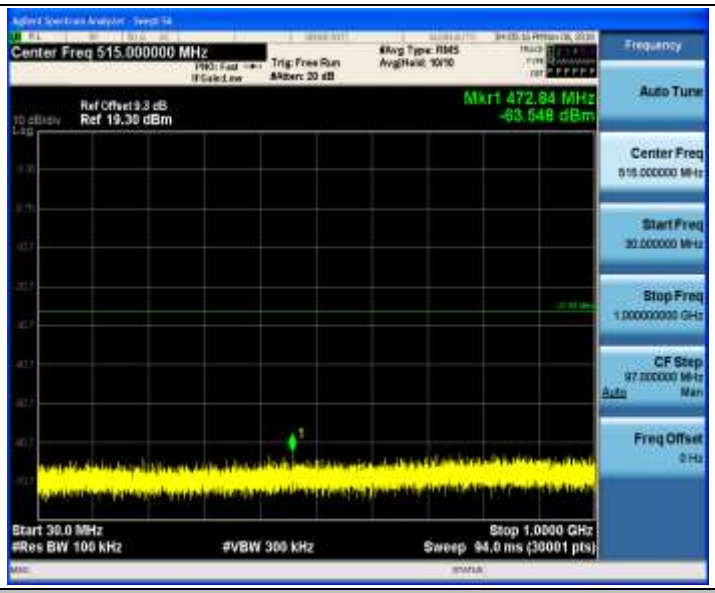
11N20SISO_Ant1_2457_1000~26500



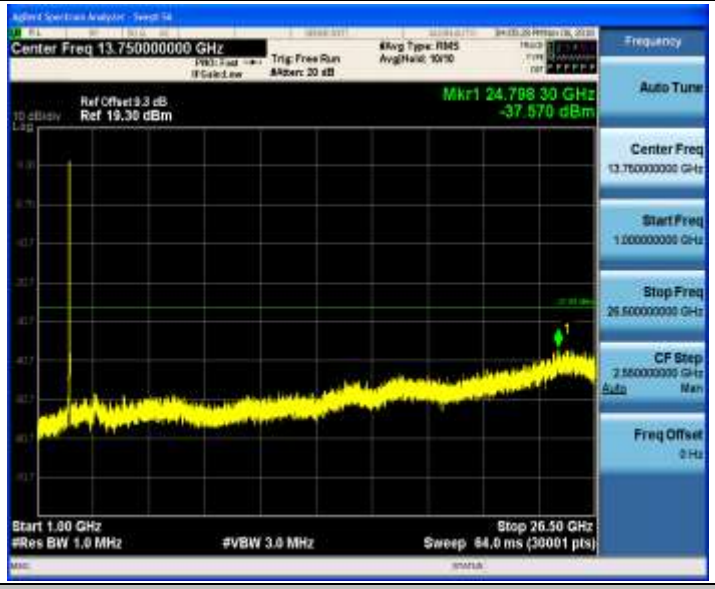
11N20SISO_Ant1_2462_0~Reference

11N20SISO_Ant1_2462_0.009~30

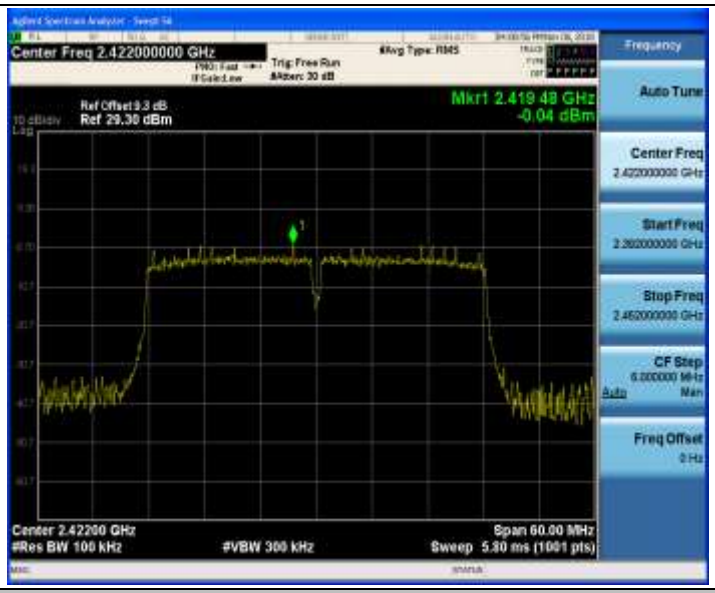
11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

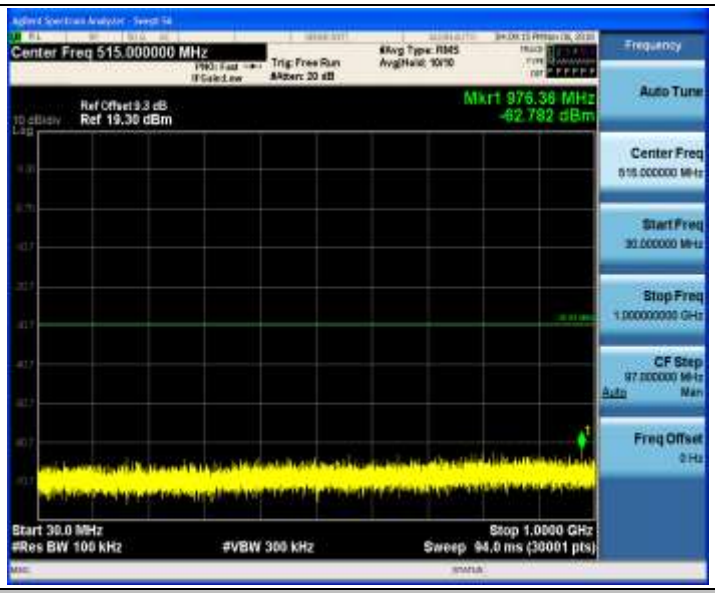


11N40SISO_Ant1_2422_0~Reference

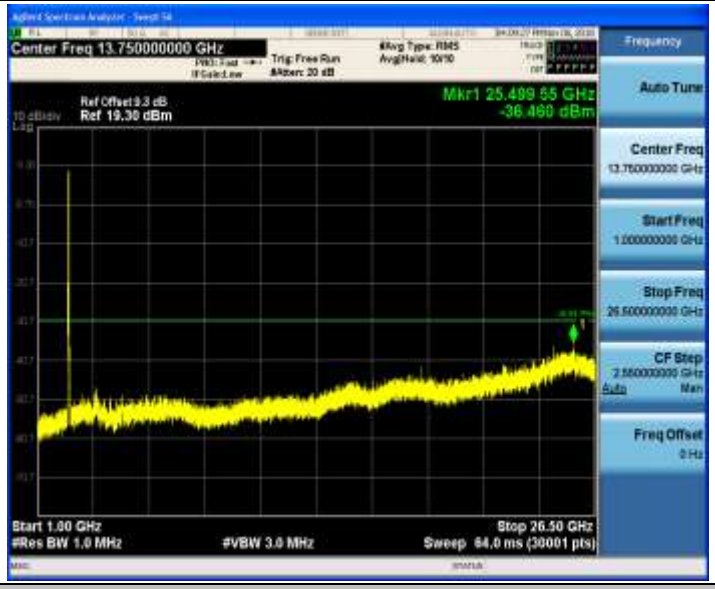


11N40SISO_Ant1_2422_0.009~30

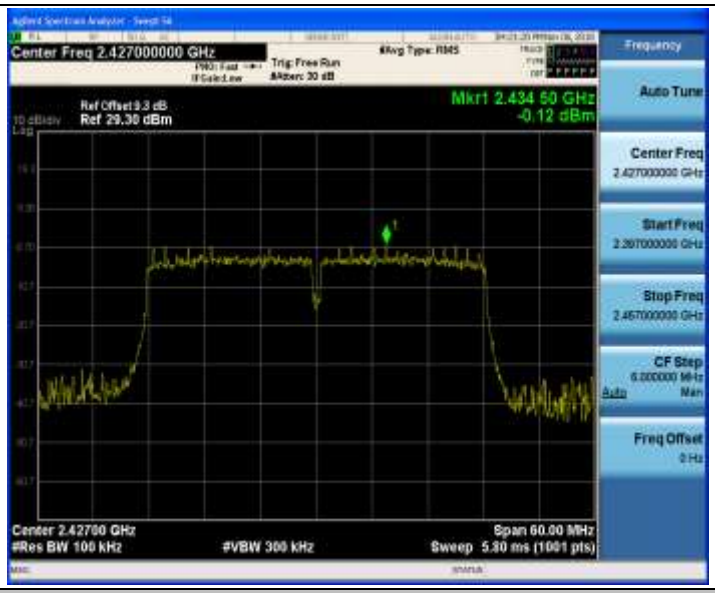
11N40SISO_Ant1_2422_30~1000



11N40SISO_Ant1_2422_1000~26500

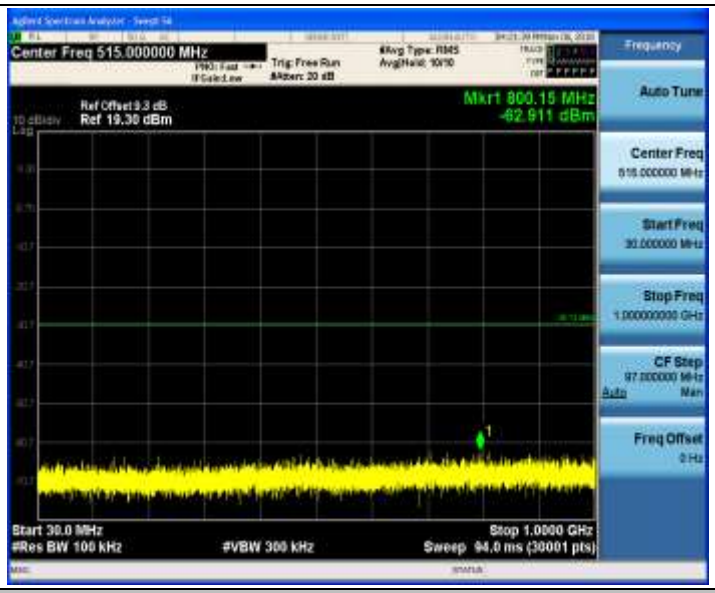


11N40SISO_Ant1_2427_0~Reference

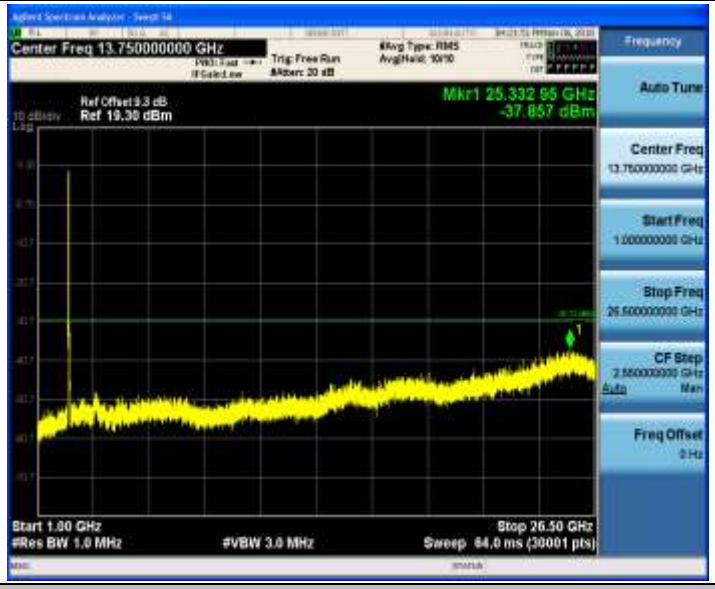


11N40SISO_Ant1_2427_0.009~30

11N40SISO_Ant1_2427_30~1000



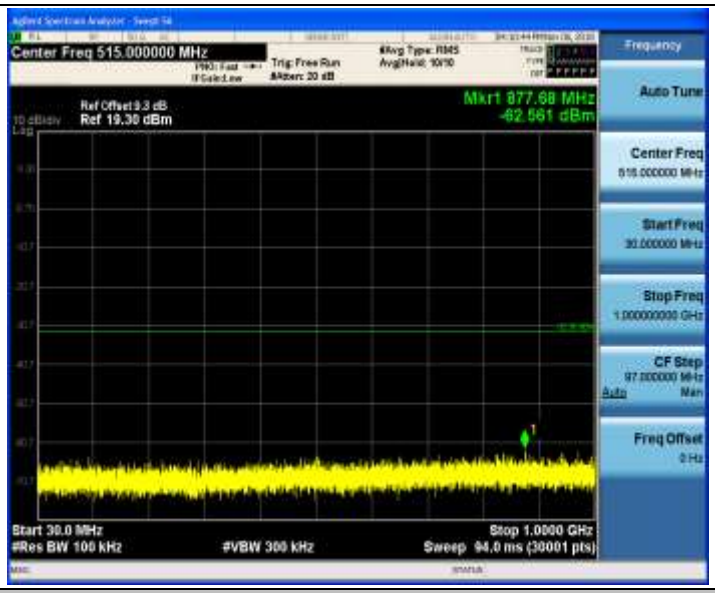
11N40SISO_Ant1_2427_1000~26500



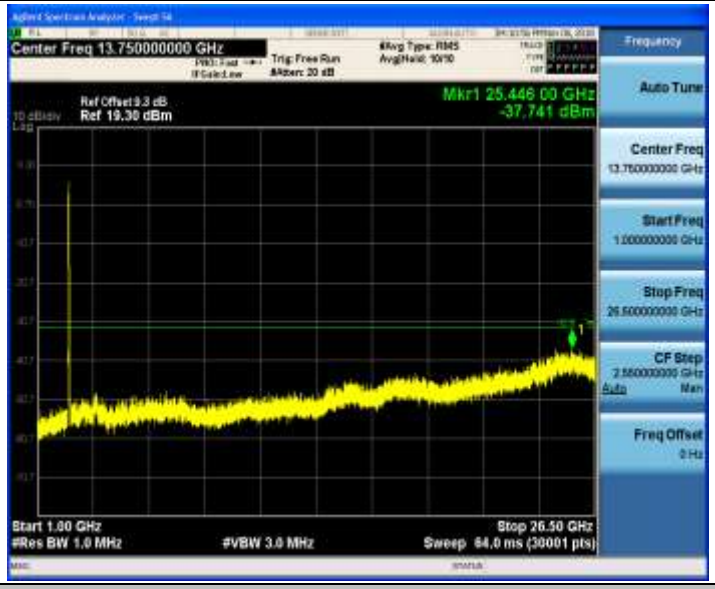
11N40SISO_Ant1_2437_0~Reference

11N40SISO_Ant1_2437_0.009~30

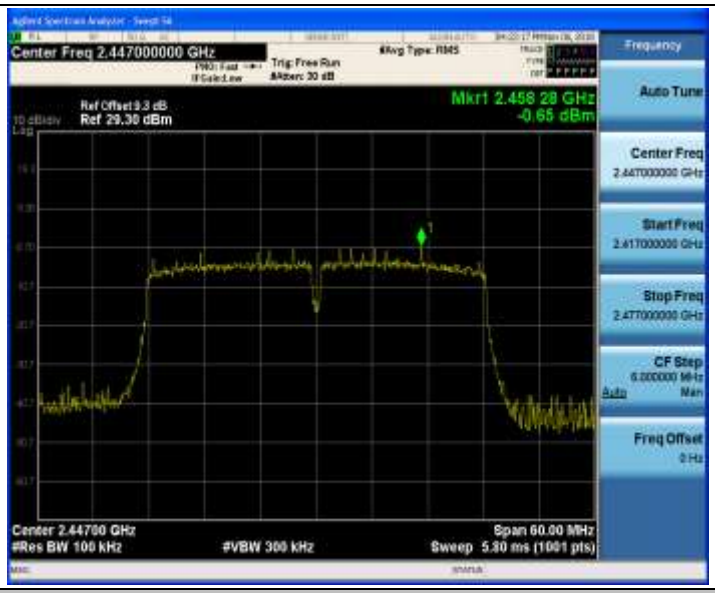
11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500

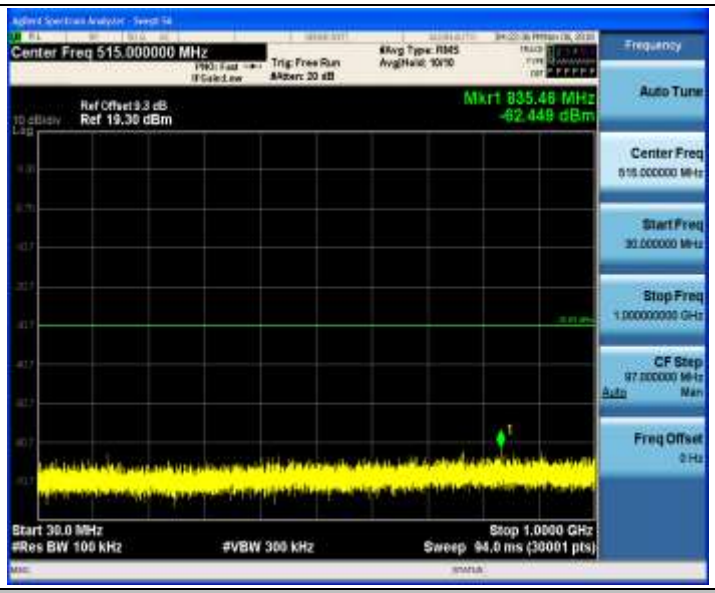


11N40SISO_Ant1_2447_0~Reference

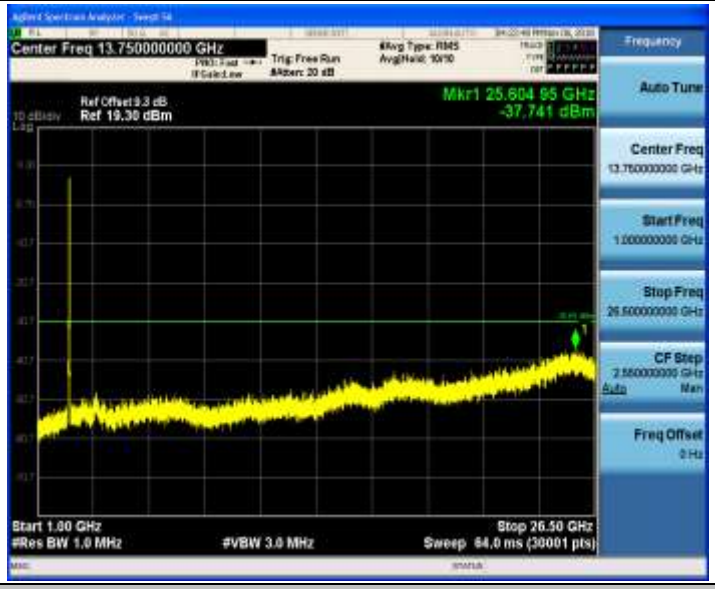


11N40SISO_Ant1_2447_0.009~30

11N40SISO_Ant1_2447_30~1000



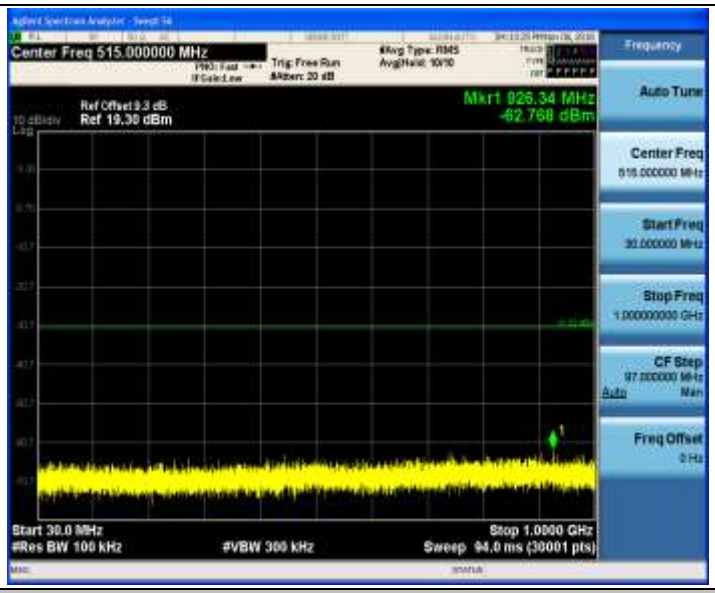
11N40SISO_Ant1_2447_1000~26500



11N40SISO_Ant1_2452_0~Reference

11N40SISO_Ant1_2452_0.009~30

11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note: We tested all modes, but the data presented below is the worst case.

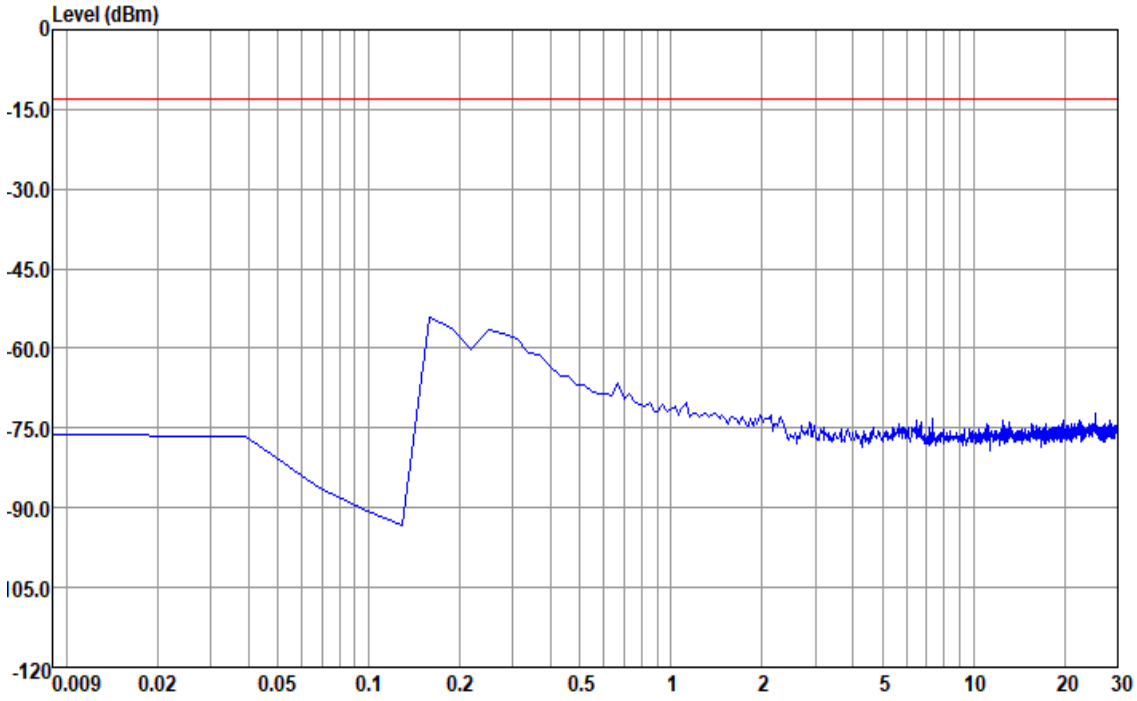
Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

1.1 Part 1: Testing Range of “9 kHz to 30MHz”

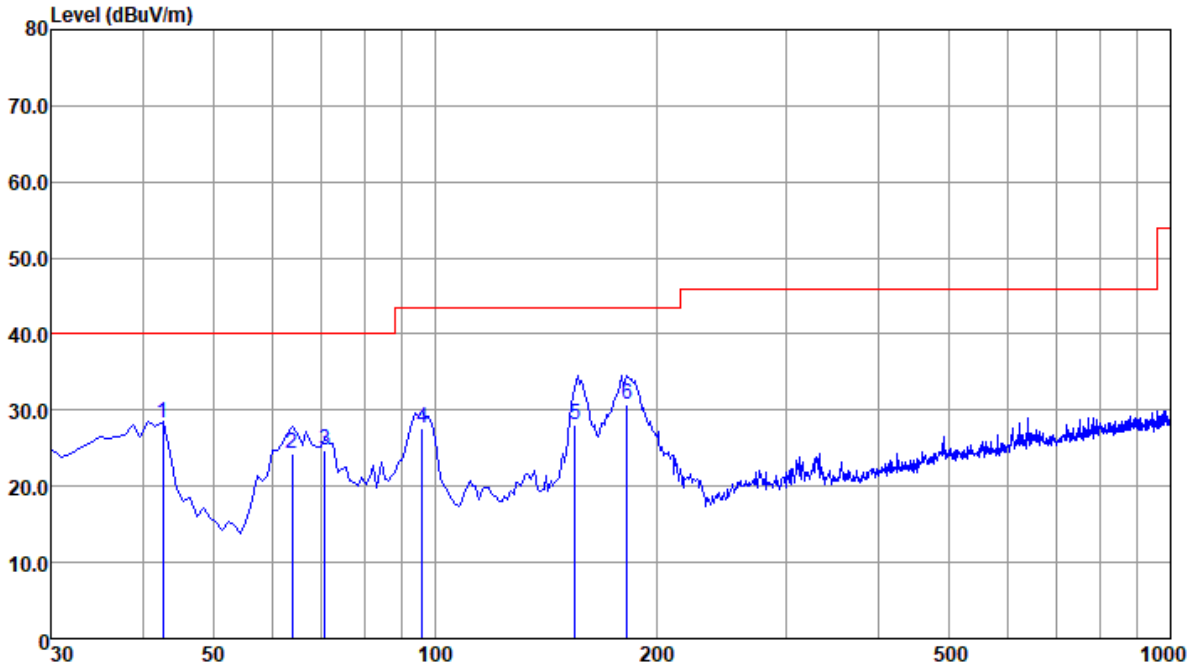
Note 1: The test results and plot for testing range of “9 kHz to 30MHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.



1.2 Part 2: Testing Range of “30 MHz to 1 GHz”

Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	42.61	28.39	-11.61	40.00	42.31	17.37	0.41	31.70	QP
2	63.95	24.37	-15.63	40.00	42.83	12.60	0.54	31.60	QP
3	70.74	24.80	-15.20	40.00	42.91	12.90	0.59	31.60	QP
4	95.96	27.54	-15.96	43.50	42.34	15.90	0.80	31.50	QP
5	154.70	28.01	-15.49	43.50	41.72	16.33	1.34	31.38	QP
6	182.29	30.85	-12.65	43.50	45.39	15.24	1.49	31.27	QP

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

1.3Part 3: Testing Range of “1 GHz to 3 GHz”

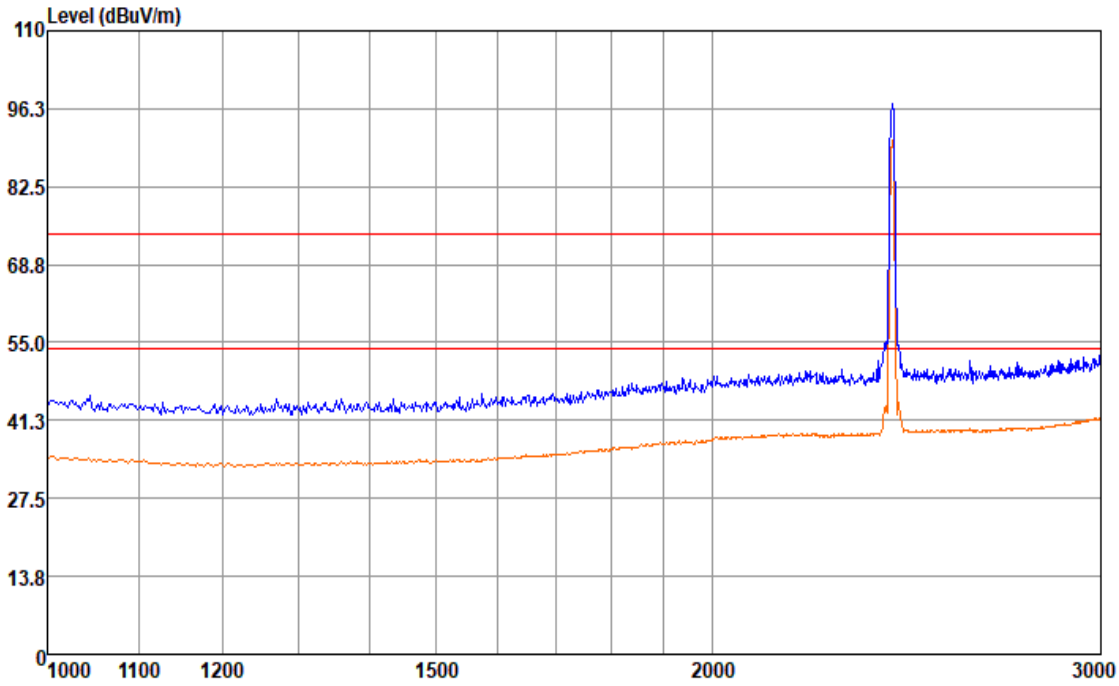
Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.

Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBμV/m) and Average Limit (54 dBμV/m).

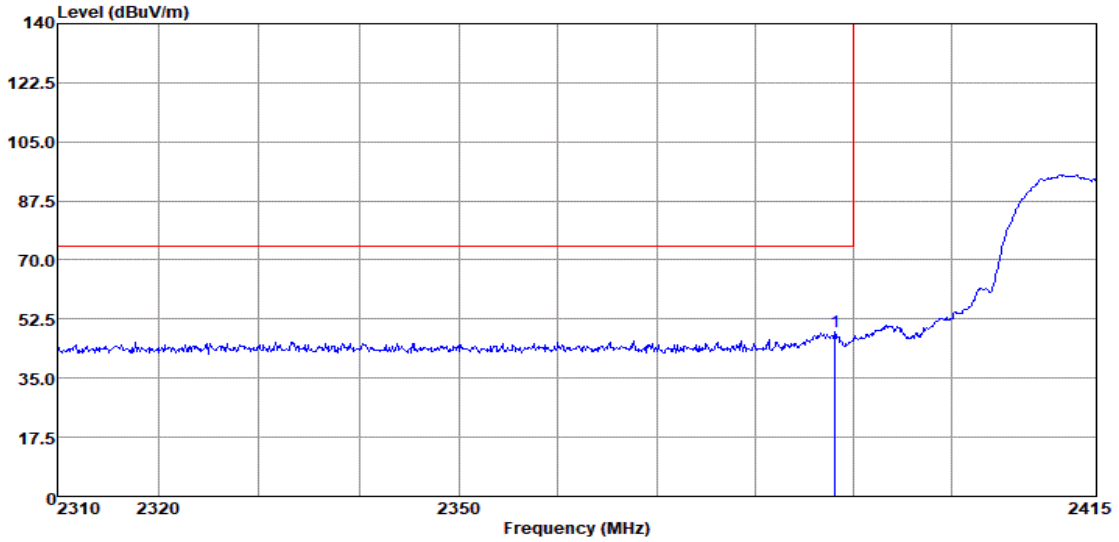
Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode:

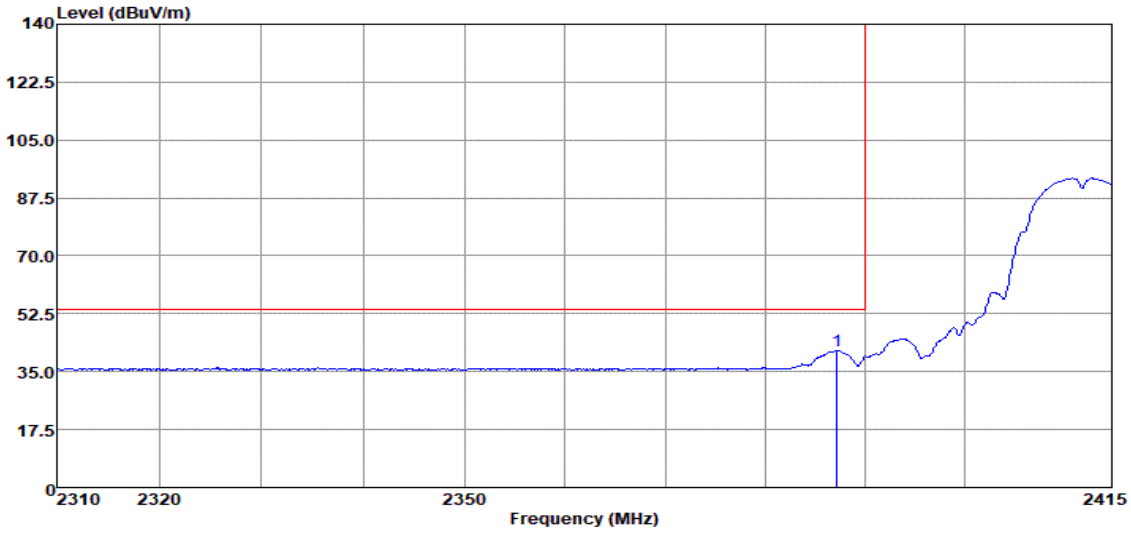
1.3.1Test Mode: 11B



1.3.1.1 Channel 1 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2388.12	48.57	-25.43	74.00	43.26	31.50	6.81	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2387.18	41.39	-12.61	54.00	36.08	31.50	6.81	33.00	Average

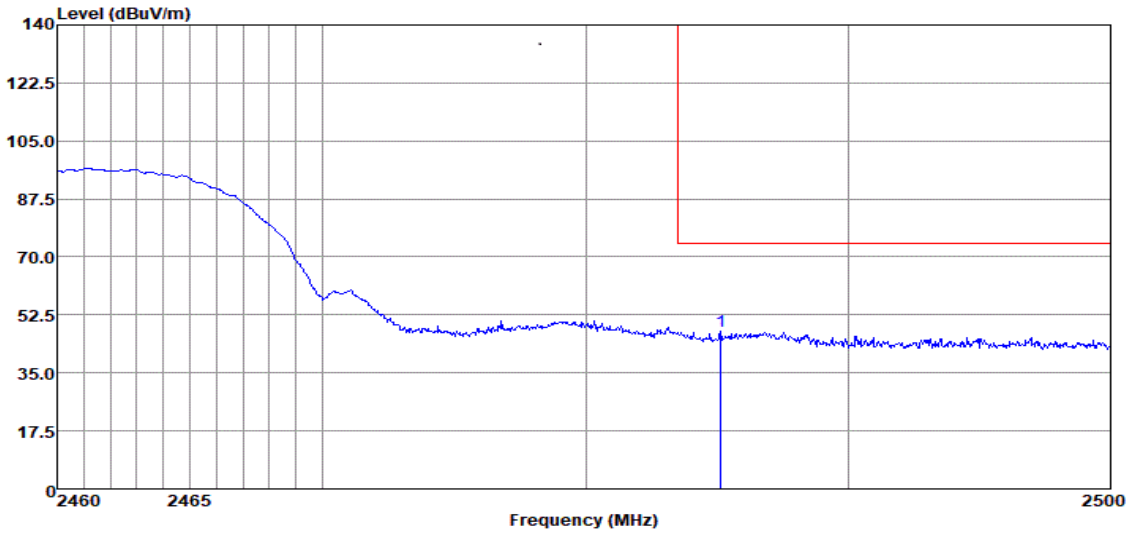
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

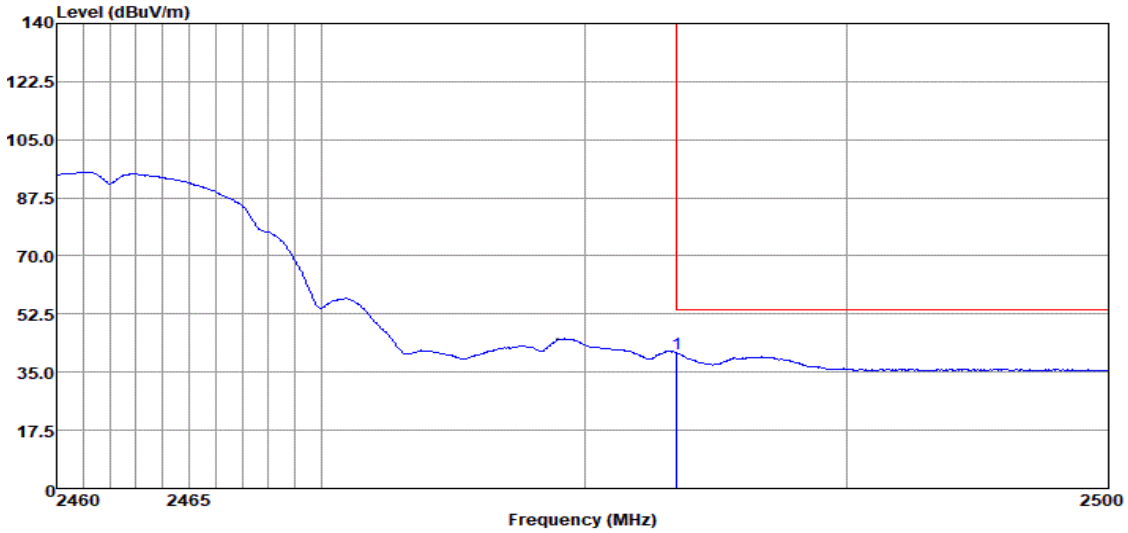
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

1.3.1.2 Channel 11@Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2485.12	47.52	-26.48	74.00	41.74	31.87	6.91	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.52	40.69	-13.31	54.00	34.92	31.86	6.91	33.00	Average

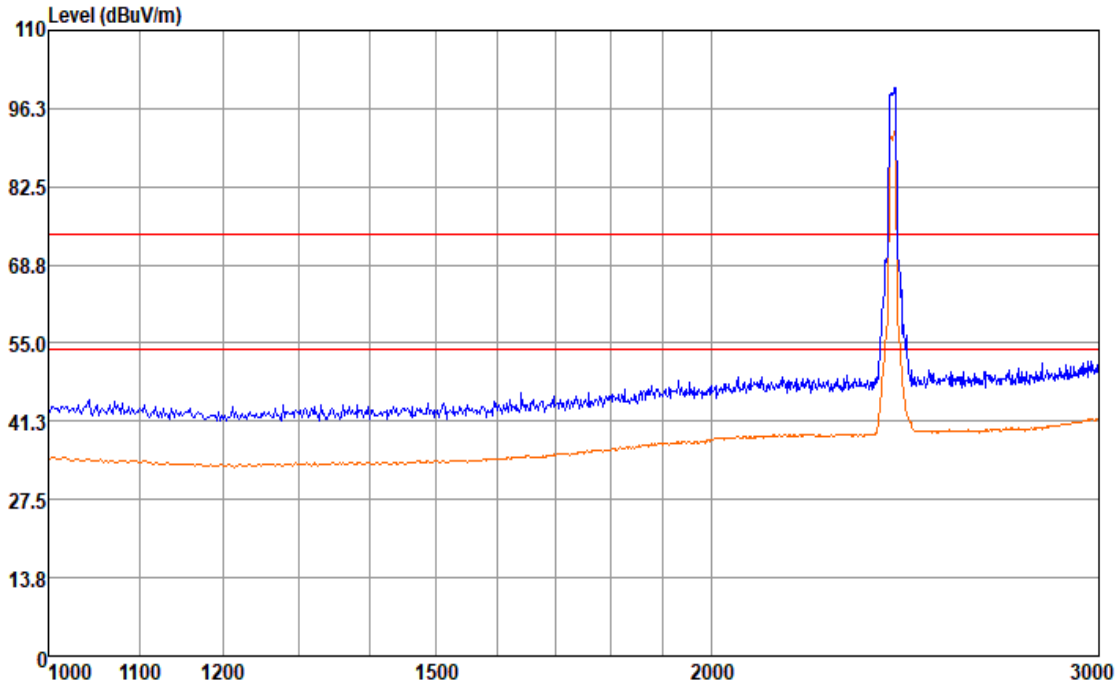
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

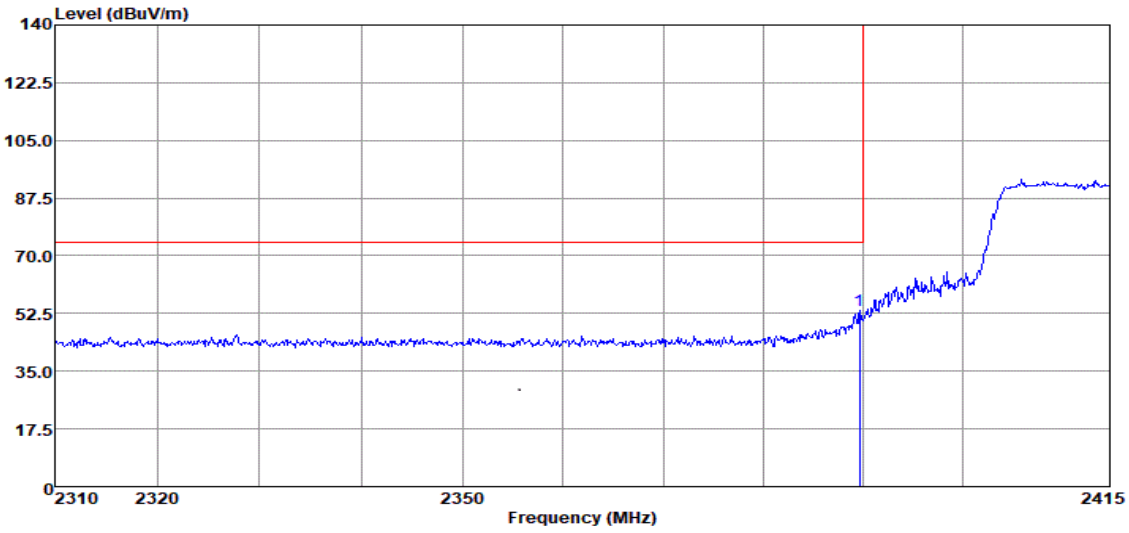
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

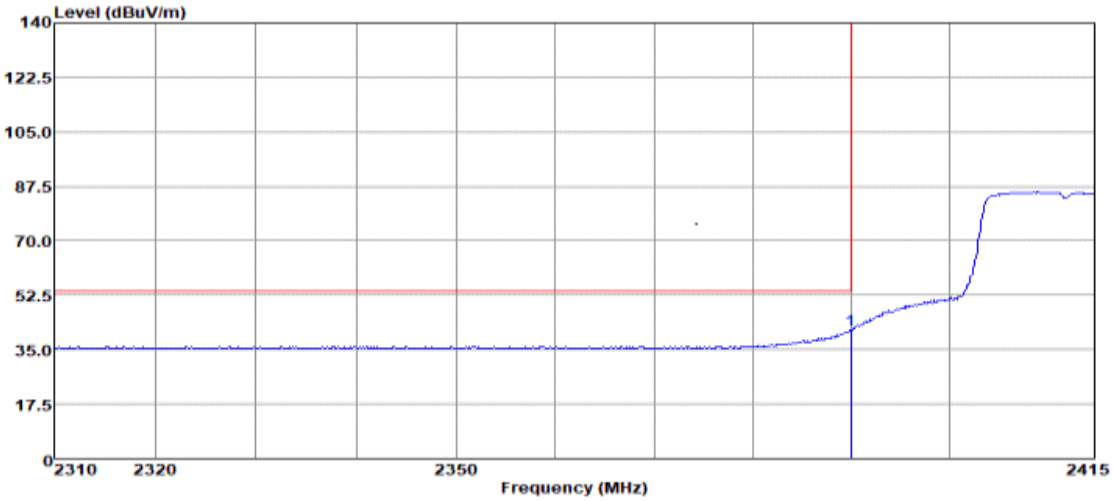
1.3.2 Test Mode: 11G



1.3.2.1 Channel 1 @Ant 1



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.70	53.24	-20.76	74.00	41.93	31.50	6.81	33.00	Peak



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2390.00	41.32	-12.68	54.00	36.01	31.50	6.81	33.00	Average

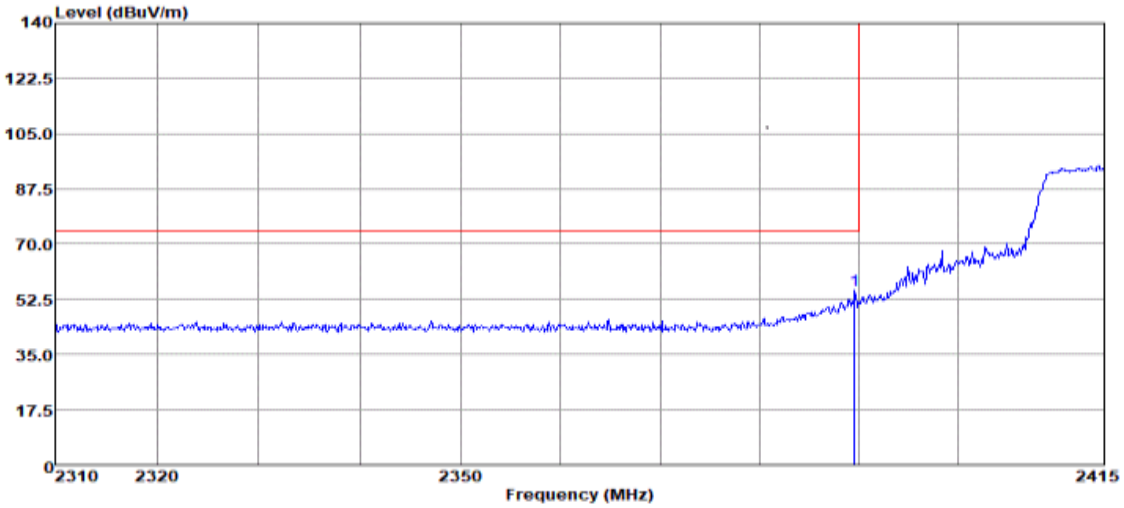
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

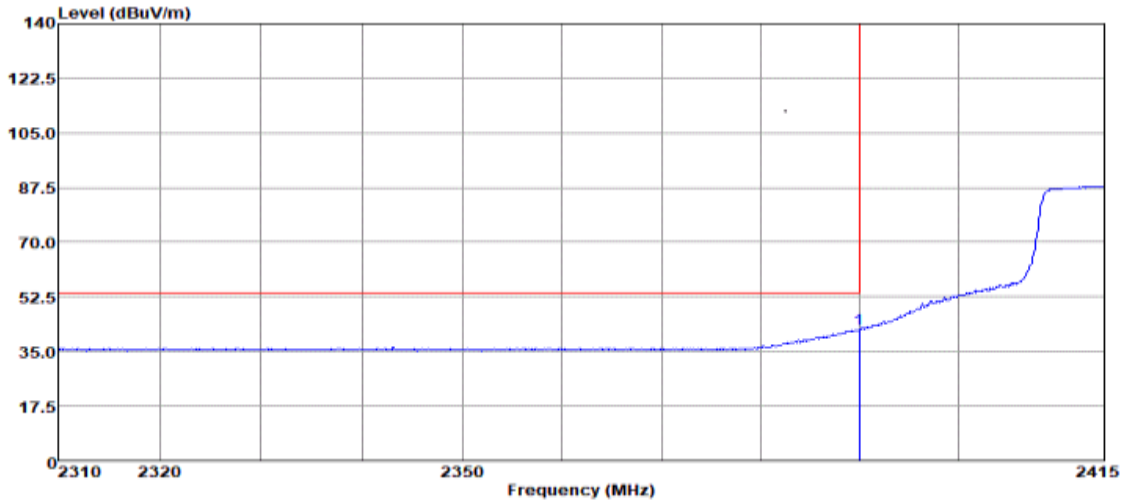
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

1.3.2.2 Channel 2 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.59	55.20	-18.80	74.00	49.89	31.50	6.81	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2390.00	42.78	-11.91	54.00	36.09	31.50	6.81	33.00	Average

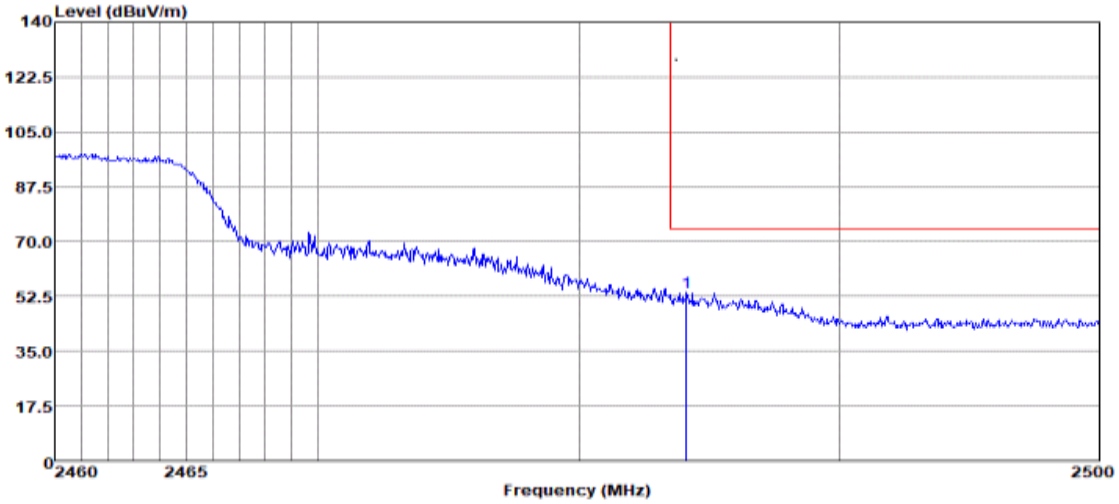
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

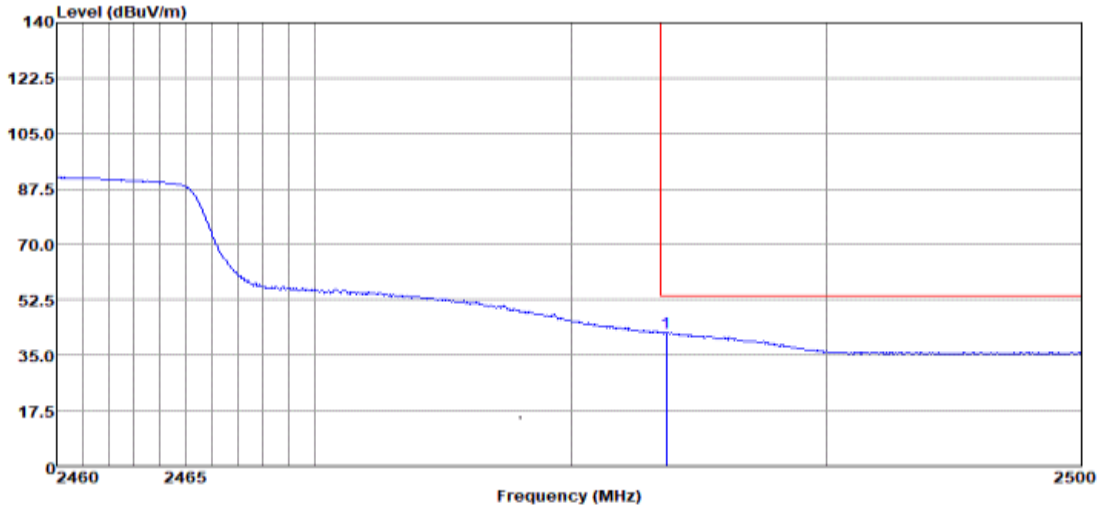
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

1.3.2.3 Channel 10 @Ant 1



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2484.12	53.76	-20.24	74.00	47.99	31.86	6.91	33.00	Peak



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.72	42.18	-11.82	54.00	36.41	31.86	6.91	33.00	Average

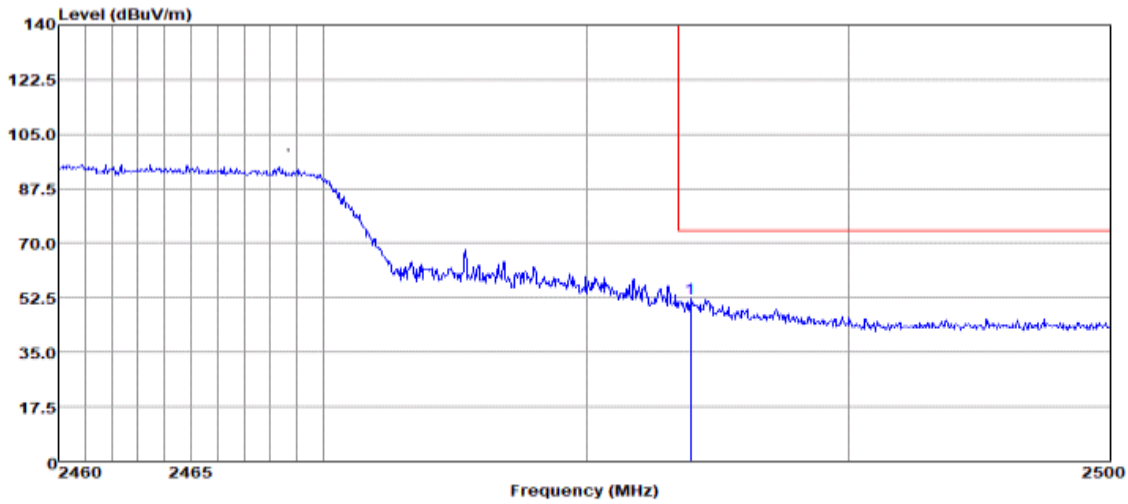
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

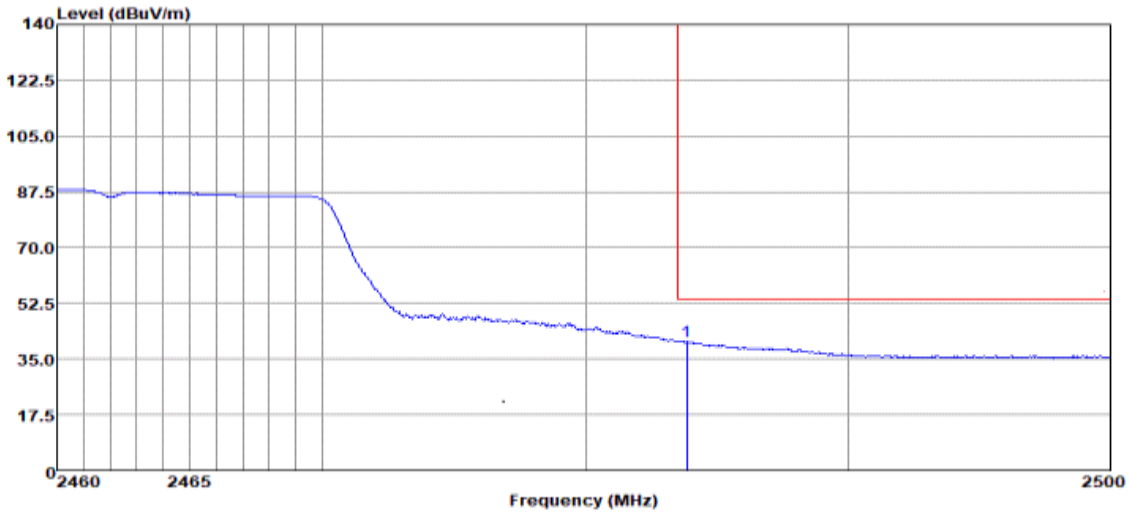
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

1.3.2.4 Channel 11 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.96	52.34	-21.66	74.00	46.57	31.86	6.91	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.84	40.63	-13.37	54.00	34.86	31.86	6.91	33.00	Average

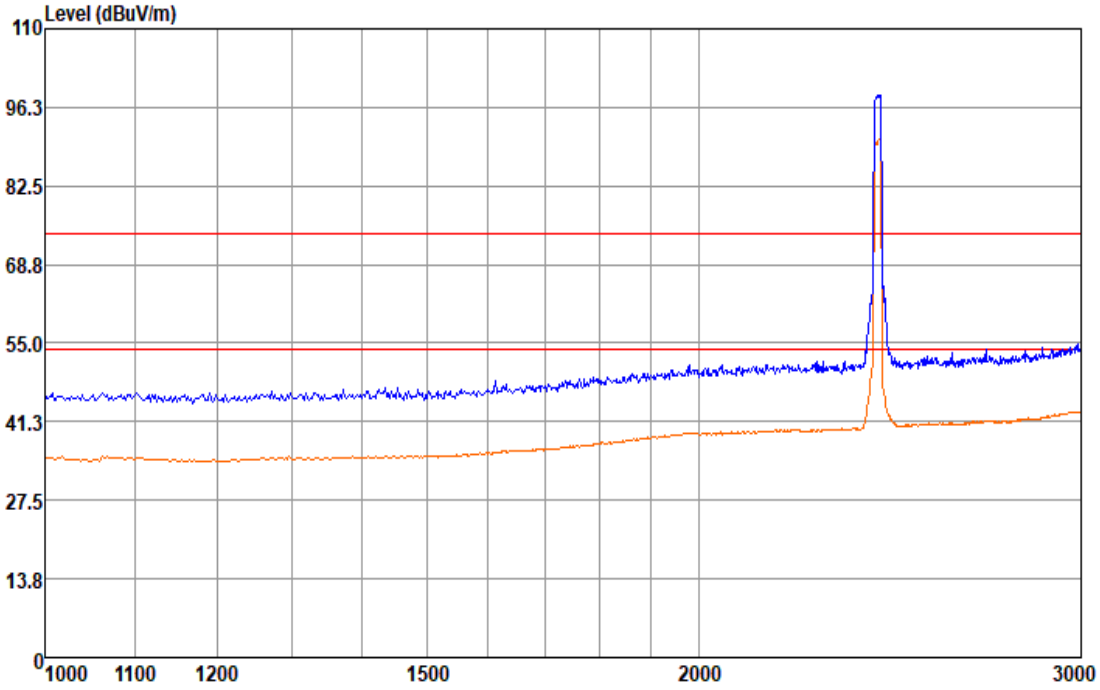
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

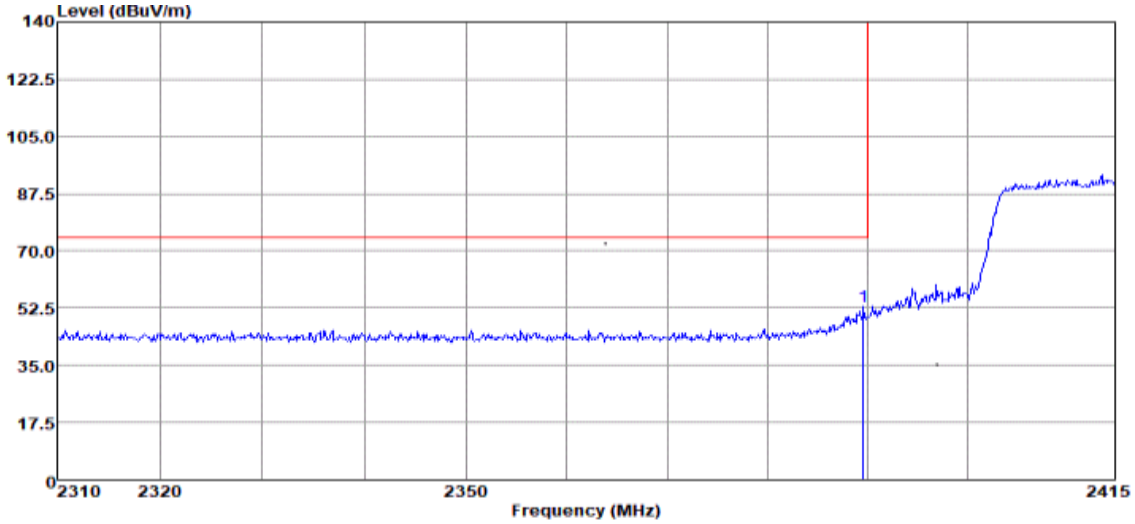
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

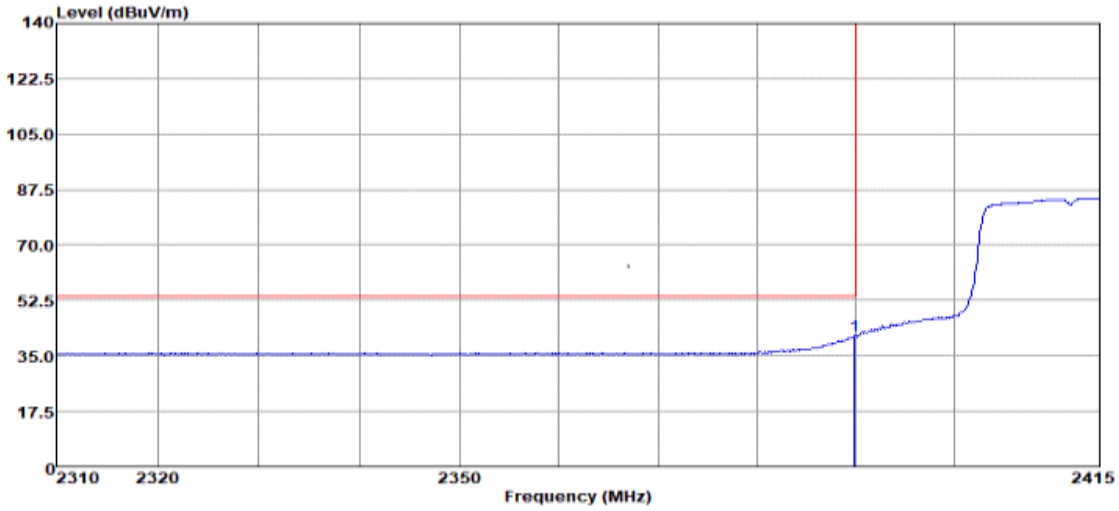
1.3.3 Test Mode: 11N20



1.3.3.1 Channel 1 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.59	52.97	-21.03	74.00	47.60	31.50	6.81	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.91	41.39	-12.61	54.00	36.08	31.50	6.81	33.00	Average

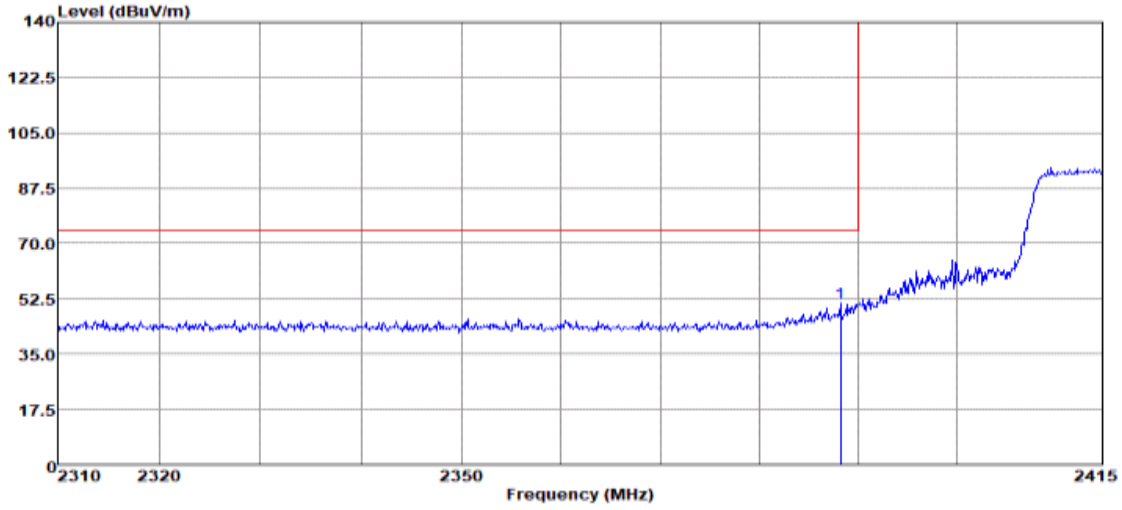
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

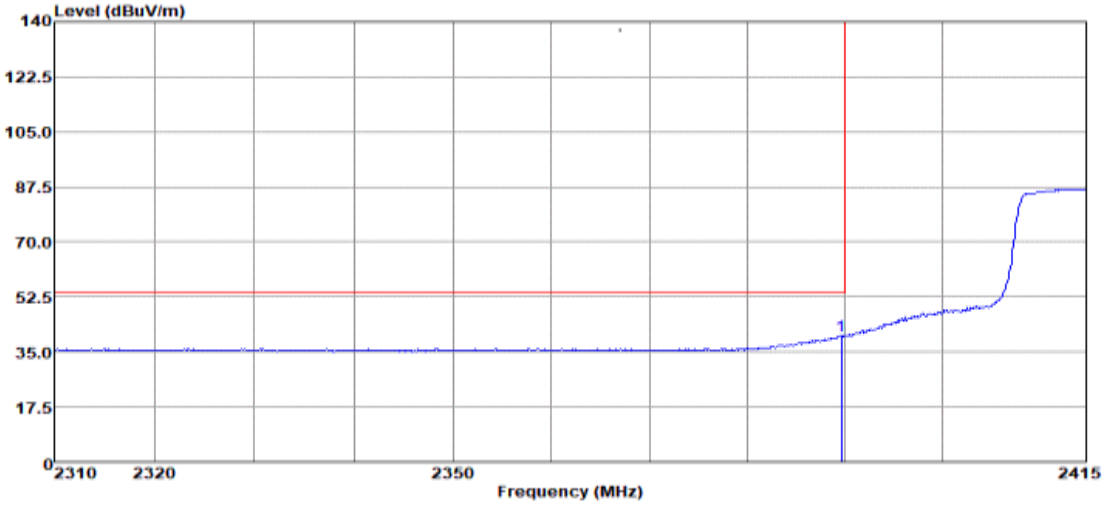
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit – Level

1.3.3.1 Channel 2 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2388.23	50.96	-23.04	74.00	45.65	31.50	6.81	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.70	40.14	-13.86	54.00	34.79	31.50	6.81	33.00	Average

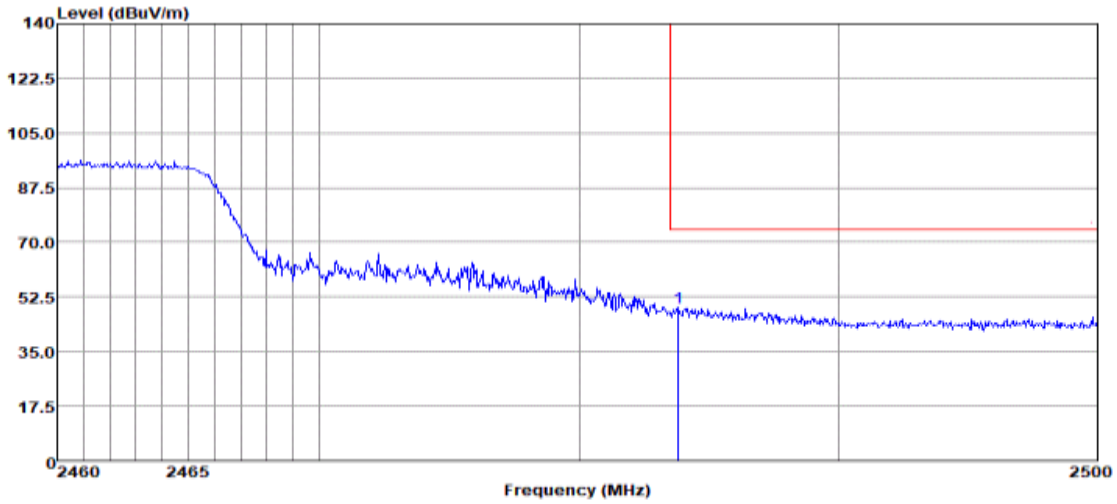
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

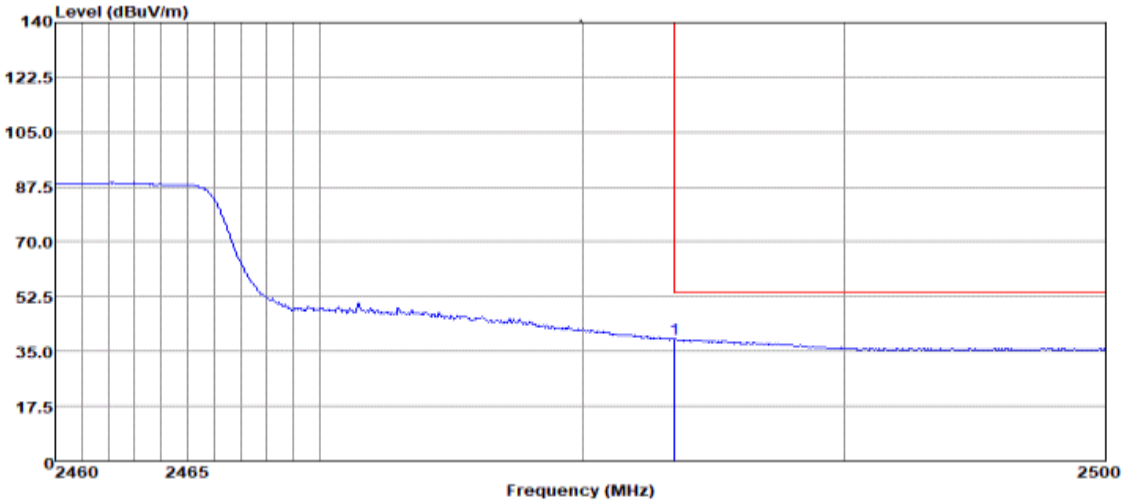
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit – Level

1.3.3.1 Channel 10 @Ant 1



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.80	49.02	-24.98	74.00	43.61	31.86	6.91	33.00	Peak



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.52	38.96	-15.04	54.00	33.55	31.86	6.91	33.00	Average

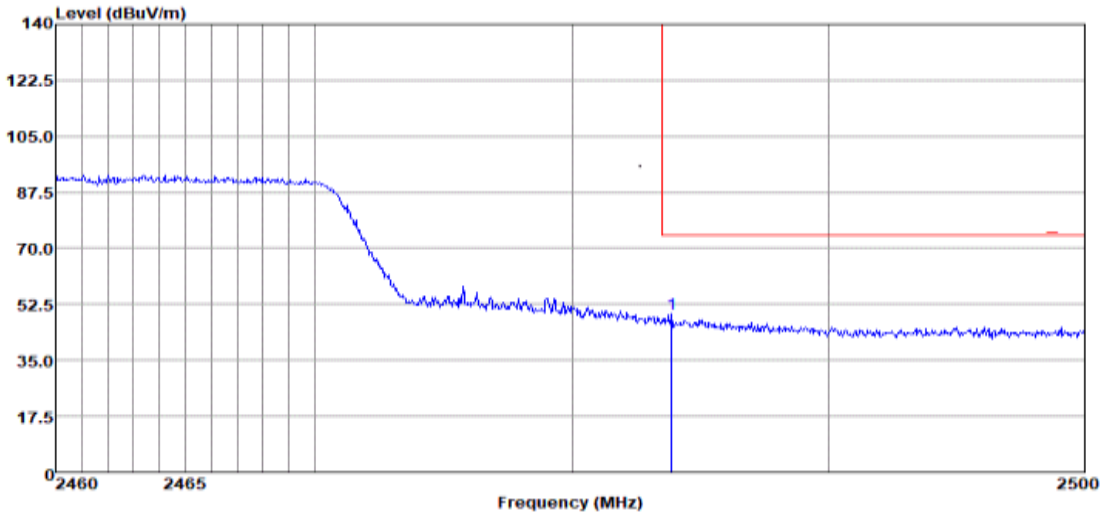
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

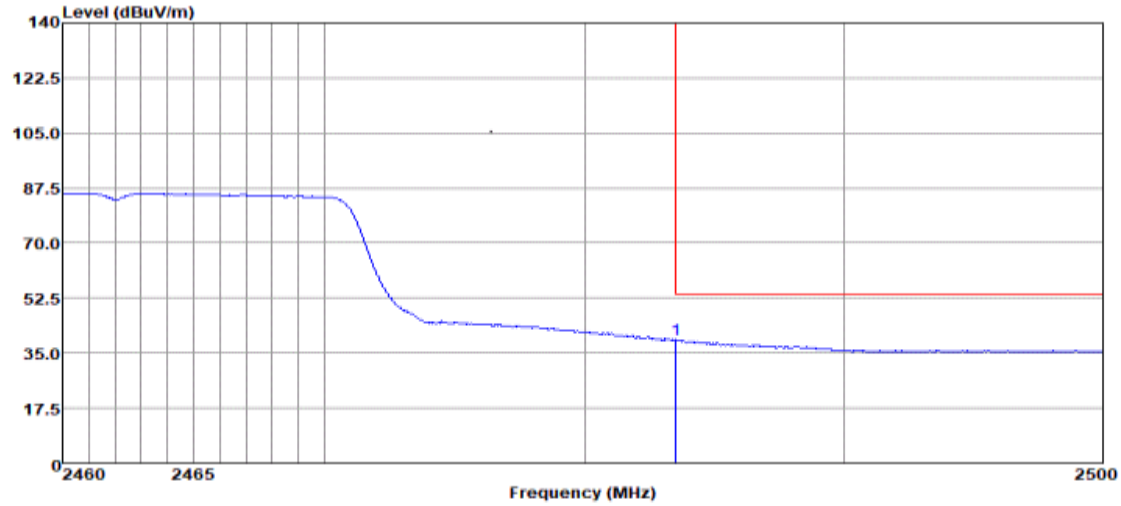
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit – Level

1.3.3.1 Channel 11 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.88	49.40	-24.60	74.00	43.63	31.86	6.91	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.52	39.36	-14.64	54.00	33.59	31.86	6.91	33.00	Average

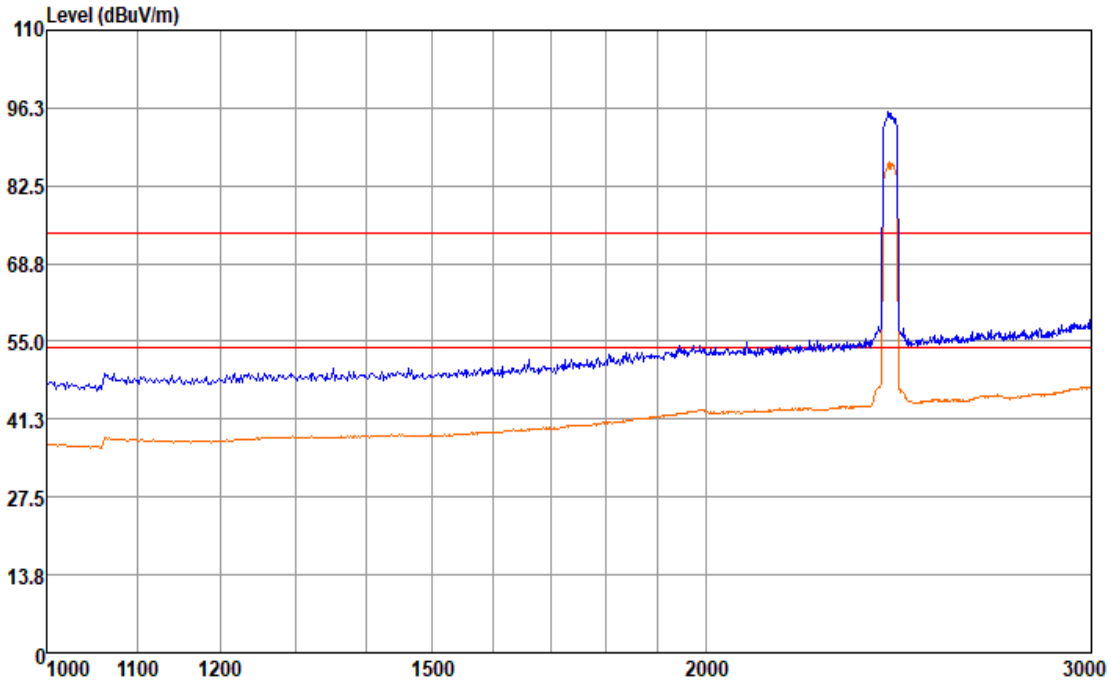
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

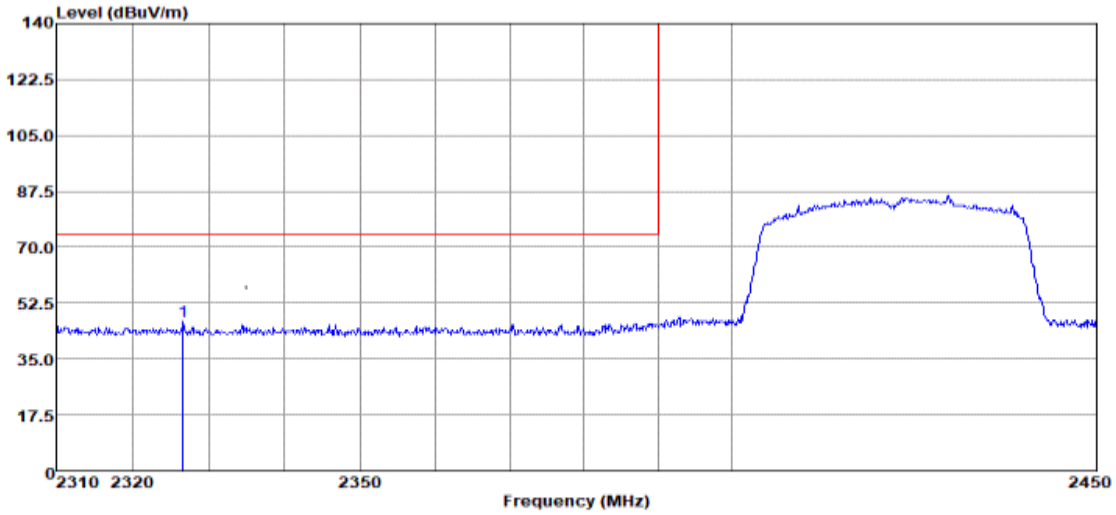
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

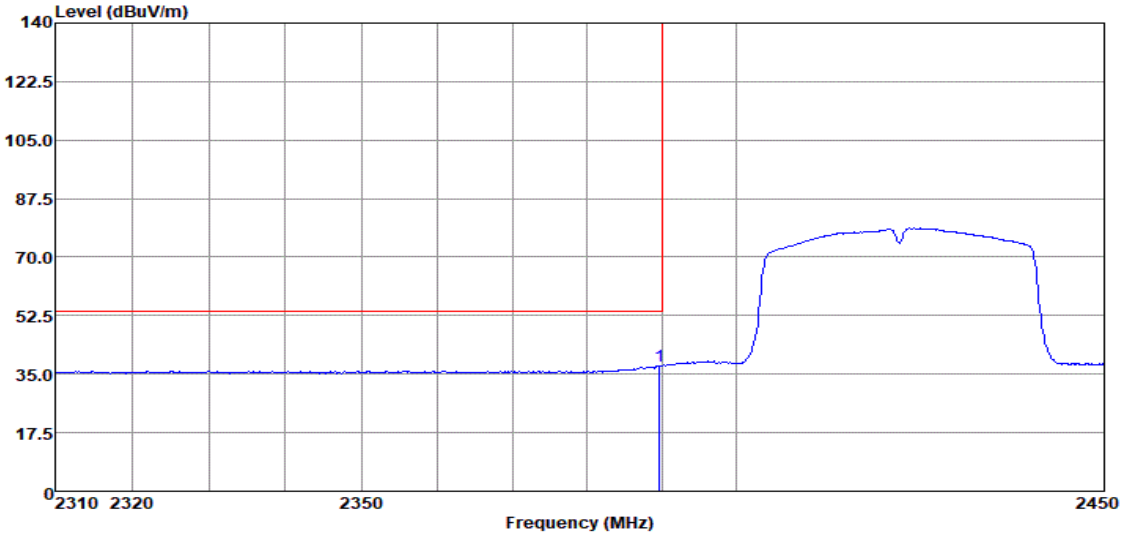
1.3.4Test Mode: 11N40



1.3.4.1 Channel 3 @Ant 1



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2326.66	46.88	-27.12	74.00	41.65	31.58	6.65	33.00	Peak

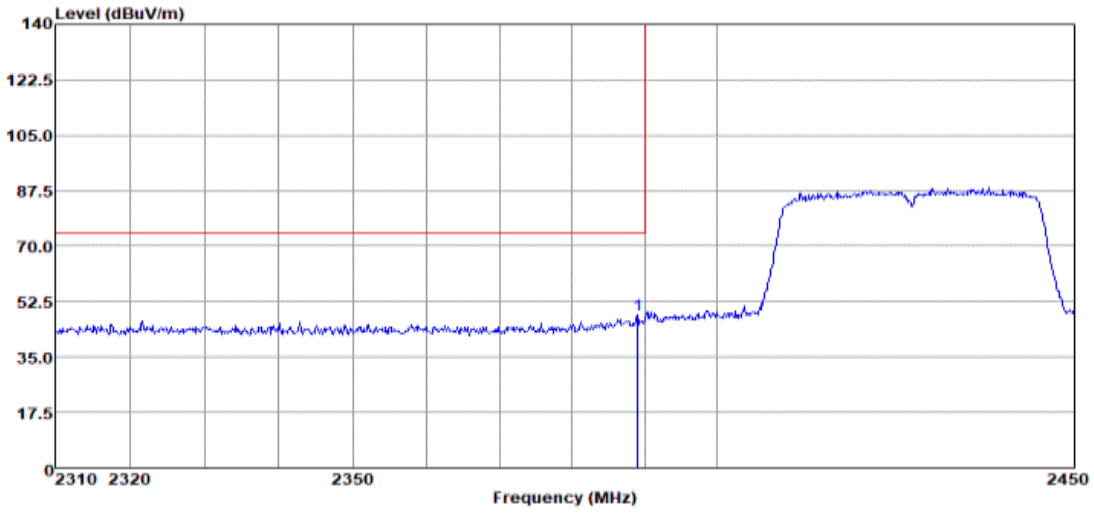


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.66	37.53	-16.47	54.00	32.22	31.50	6.81	33.00	Average

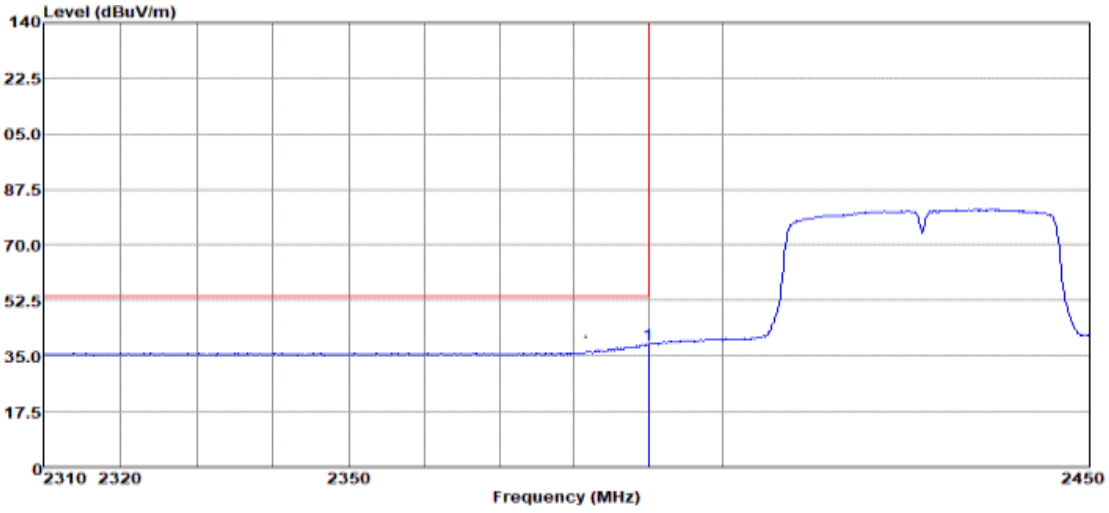
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)
The reading level is calculated by software which is not shown in the sheet.
2, Margin=Limit – Level

1.3.4.1 Channel 4 @Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2388.96	48.33	-25.67	74.00	43.02	31.50	6.81	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2389.94	38.54	-15.46	54.00	33.23	31.50	6.81	33.00	Average

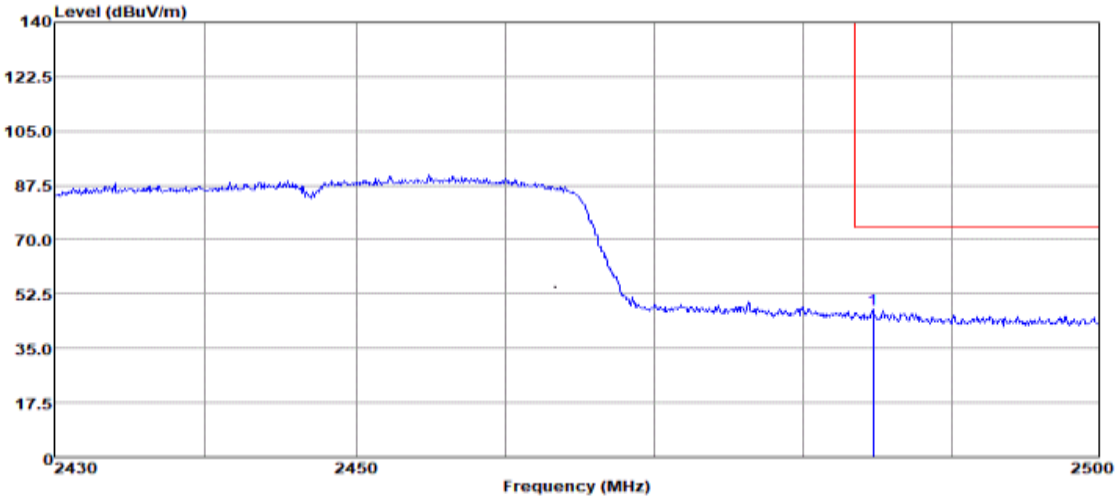
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

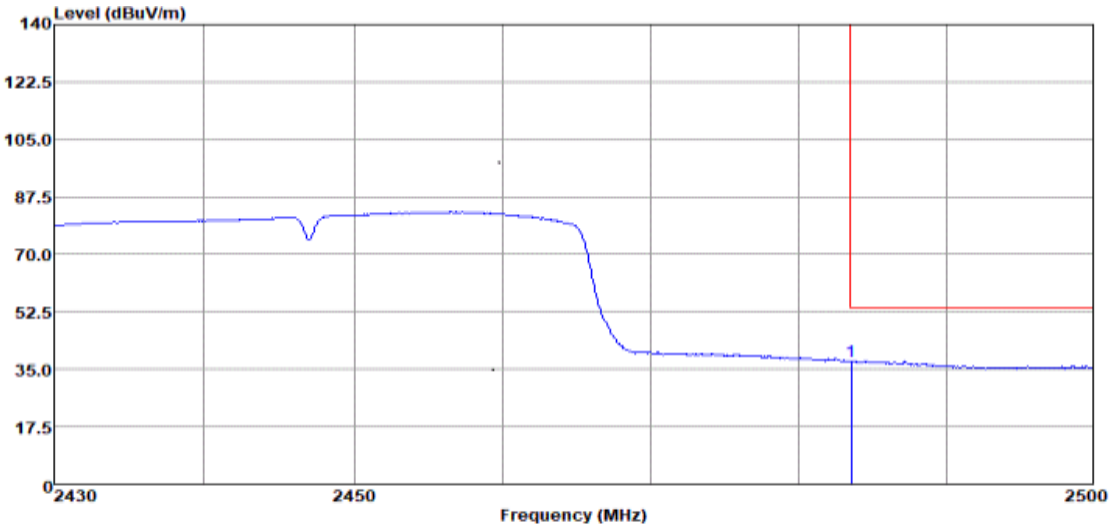
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit – Level

1.3.4.2 Channel 8@Ant 1



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2484.67	47.48	-26.52	74.00	41.71	31.86	6.91	33.00	Peak

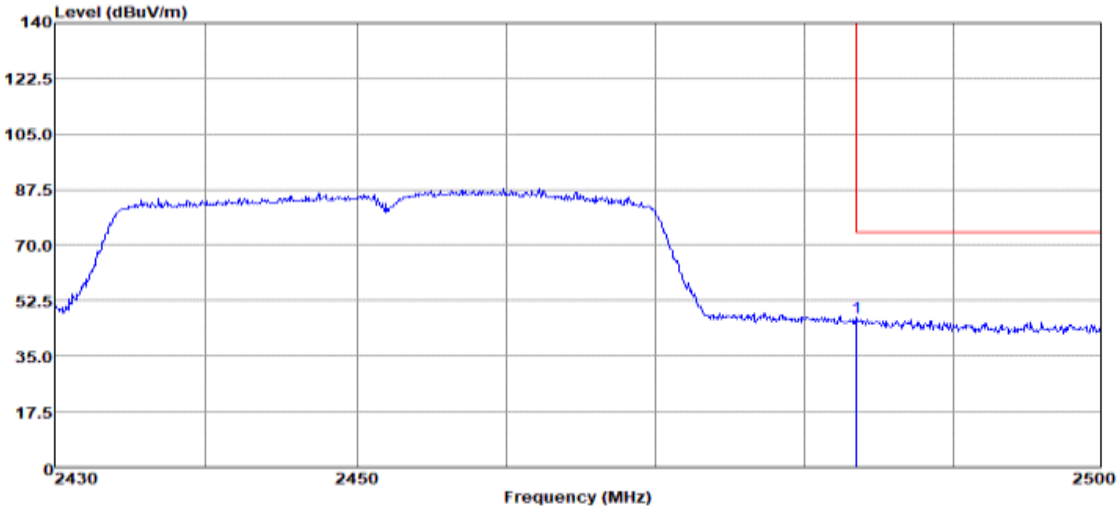


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.55	37.42	-16.58	54.00	31.65	31.86	6.91	33.00	Average

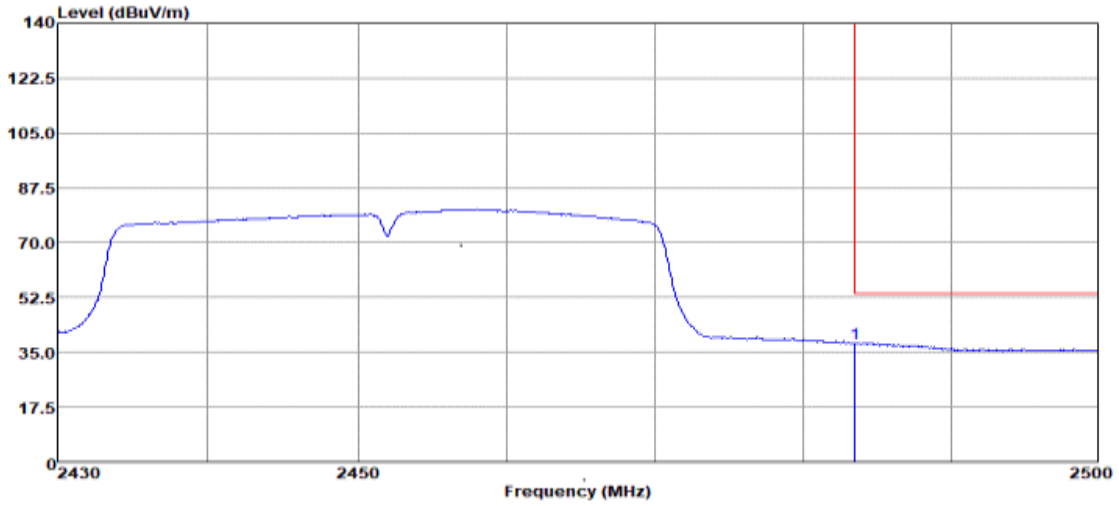
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)
The reading level is calculated by software which is not shown in the sheet.
2, Margin=Limit - Level

1.3.4.2 Channel 9@Ant 1



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.50	47.34	-26.66	74.00	41.75	31.86	6.91	33.00	Peak



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	2483.50	37.95	-16.05	54.00	32.18	31.86	6.91	33.00	Average

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

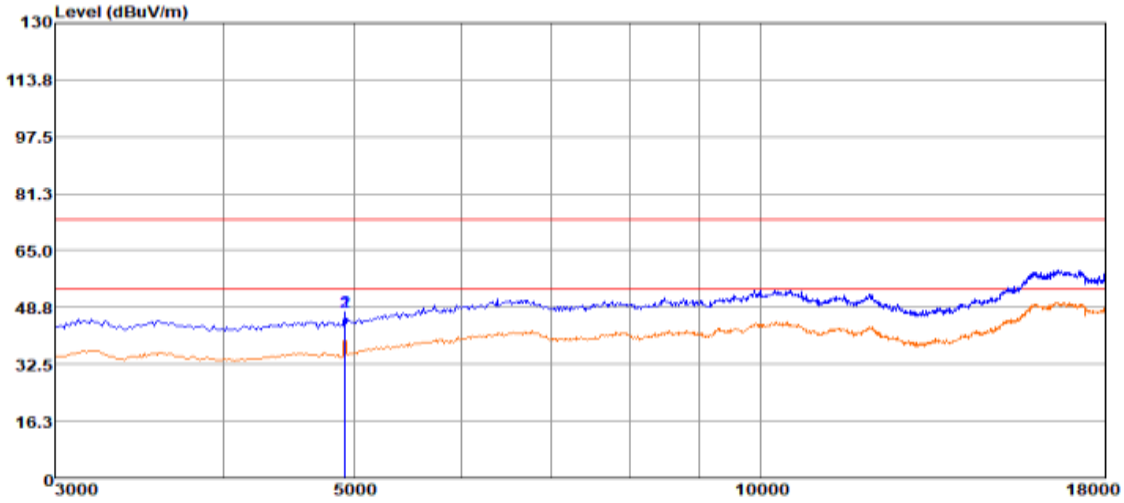
2, Margin=Limit - Level

1.4 Part 4: Testing Range of “3 GHz to 18 GHz”

Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is the worst case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBμV/m) and Average Limit (54 dBμV/m).



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 pp	4920.00	47.35	-6.65	54.00	60.65	33.73	10.99	58.02	Average
2 pk	4920.00	47.35	-26.65	74.00	60.65	33.73	10.99	58.02	Peak

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

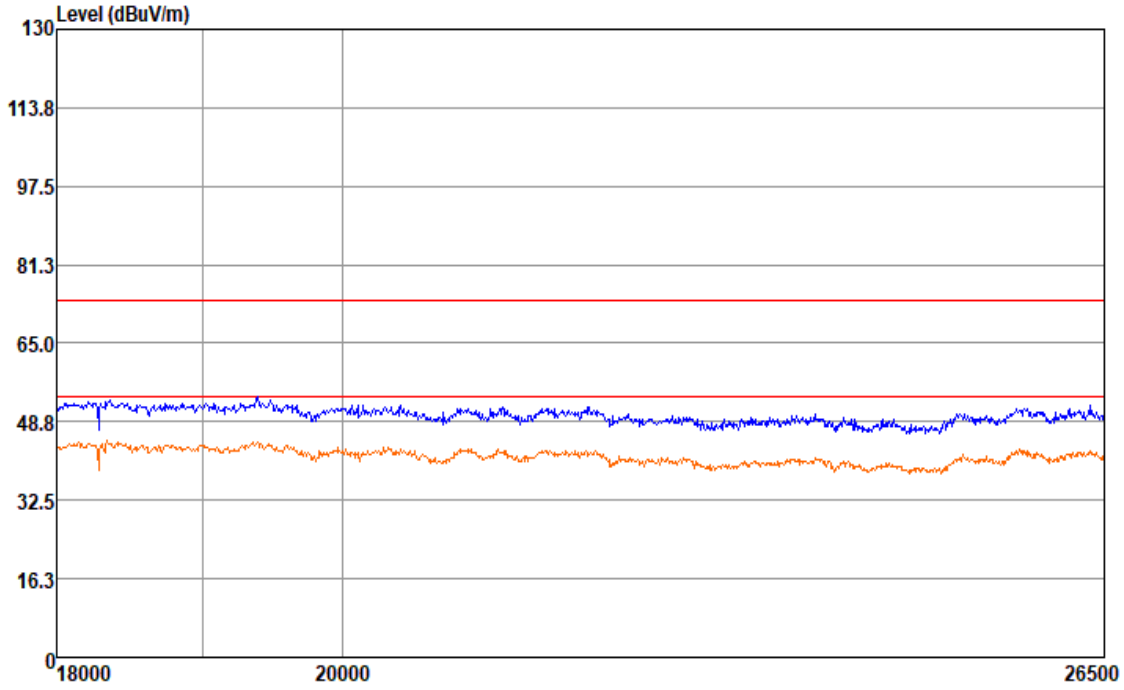
2, Margin=Limit - Level

1.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

Note 1: The test results and plot for testing range of “18 GHz to 26.5 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

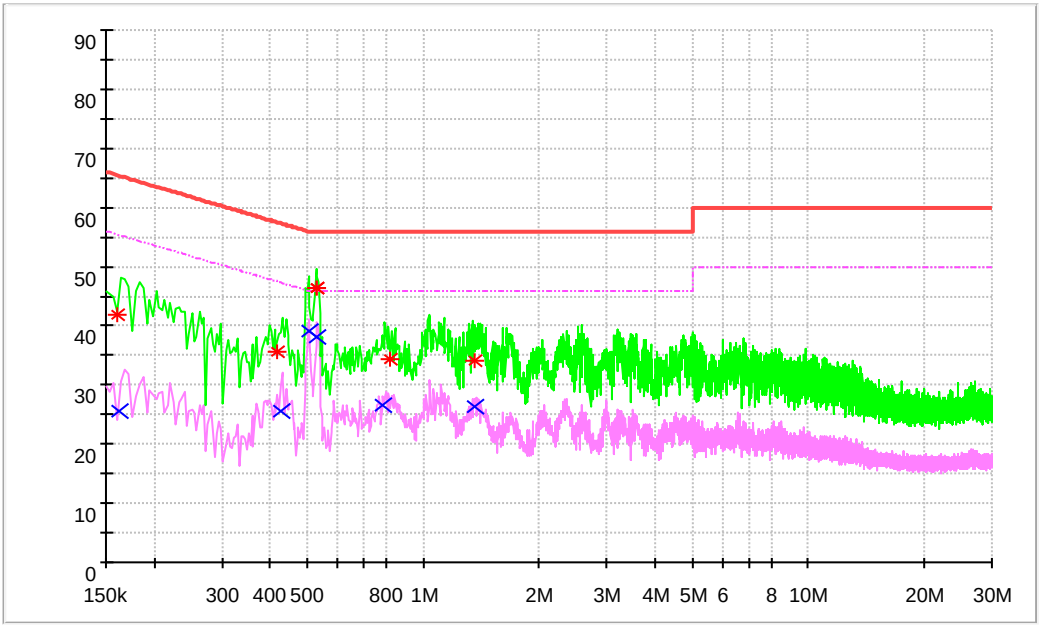
Note 2: The testing range of “18 GHz to 26.5 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).



Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB μ V)	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.161892	25.66	55.37	9.7	29.71	N	FLO
0.426158	25.49	47.33	9.7	21.84	N	FLO
0.505255	39.13	46	9.7	6.87	L1	FLO
0.528776	38.14	46	9.7	7.86	L1	FLO
0.78135	26.54	46	9.7	19.46	L1	FLO
1.360465	26.24	46	9.7	19.76	L1	FLO

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μ V)	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.16059	41.91	65.44	9.7	23.53	N	FLO
0.418443	35.55	57.48	9.7	21.93	N	FLO
0.530224	46.35	56	9.7	9.65	N	FLO

0.530929	46.36	56	9.7	9.64	N	FLO
0.818314	34.25	56	9.7	21.75	N	FLO
1.357308	34.19	56	9.7	21.81	N	FLO

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

END