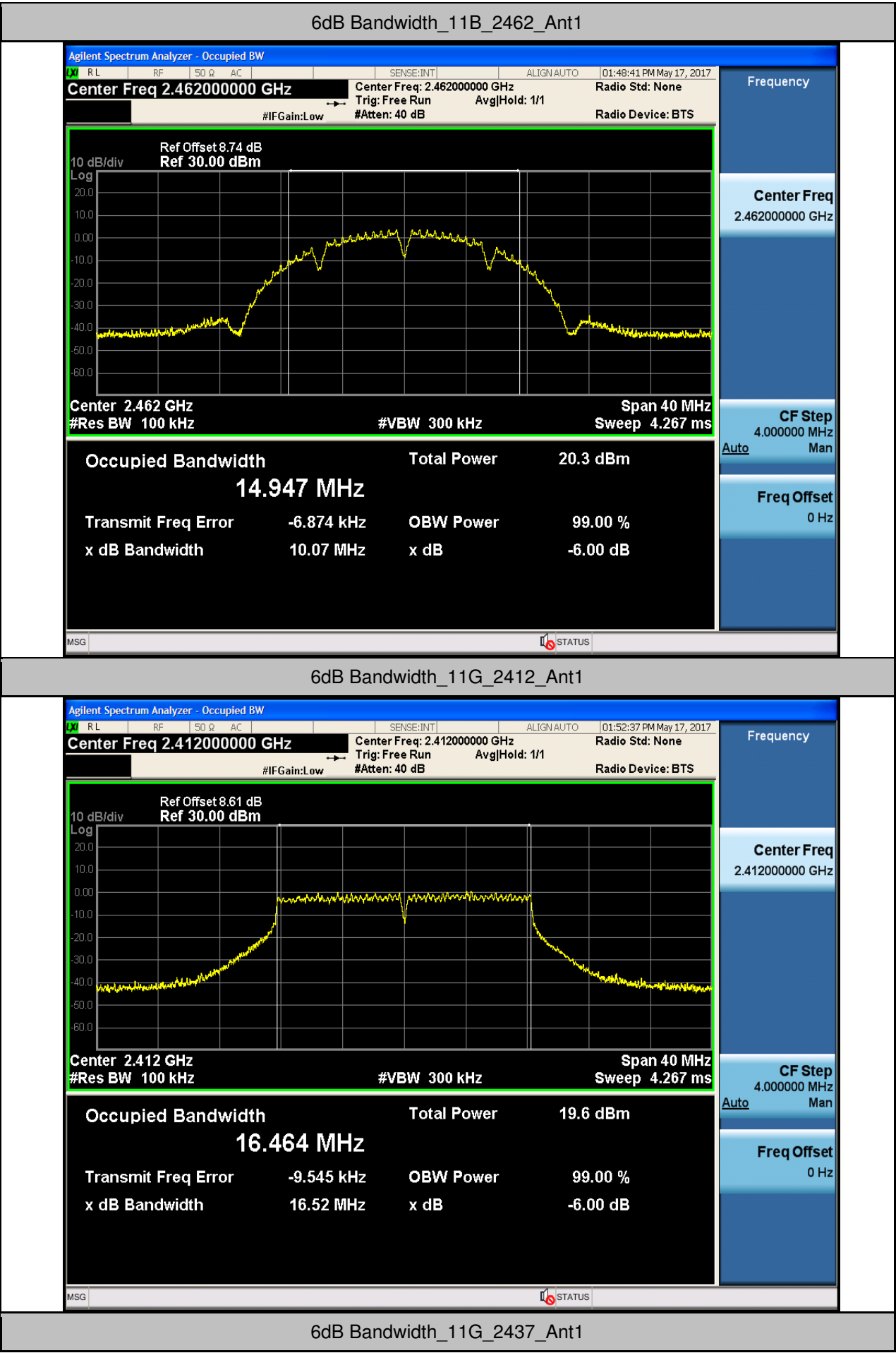


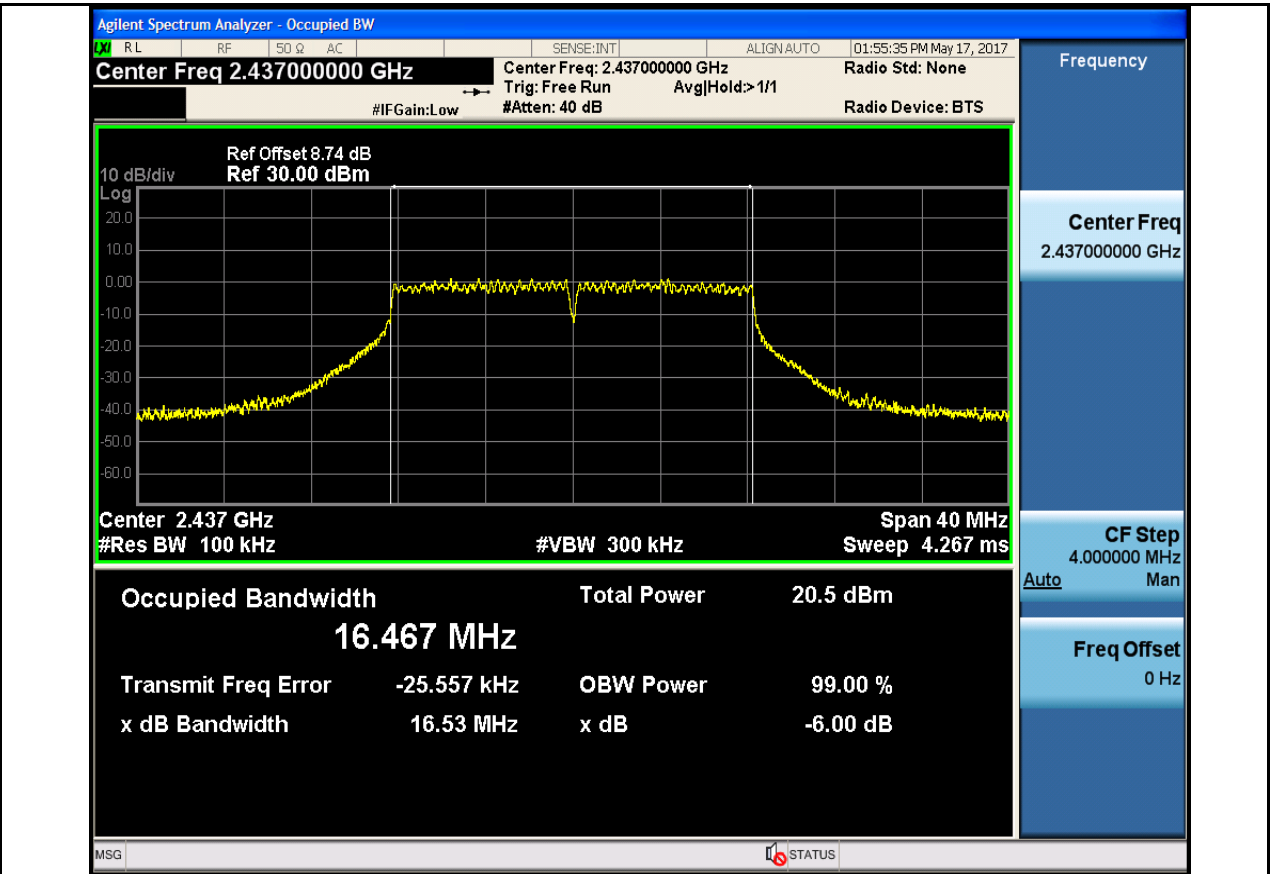
Appendix A for SHEM170300102401

1.6dB Bandwidth

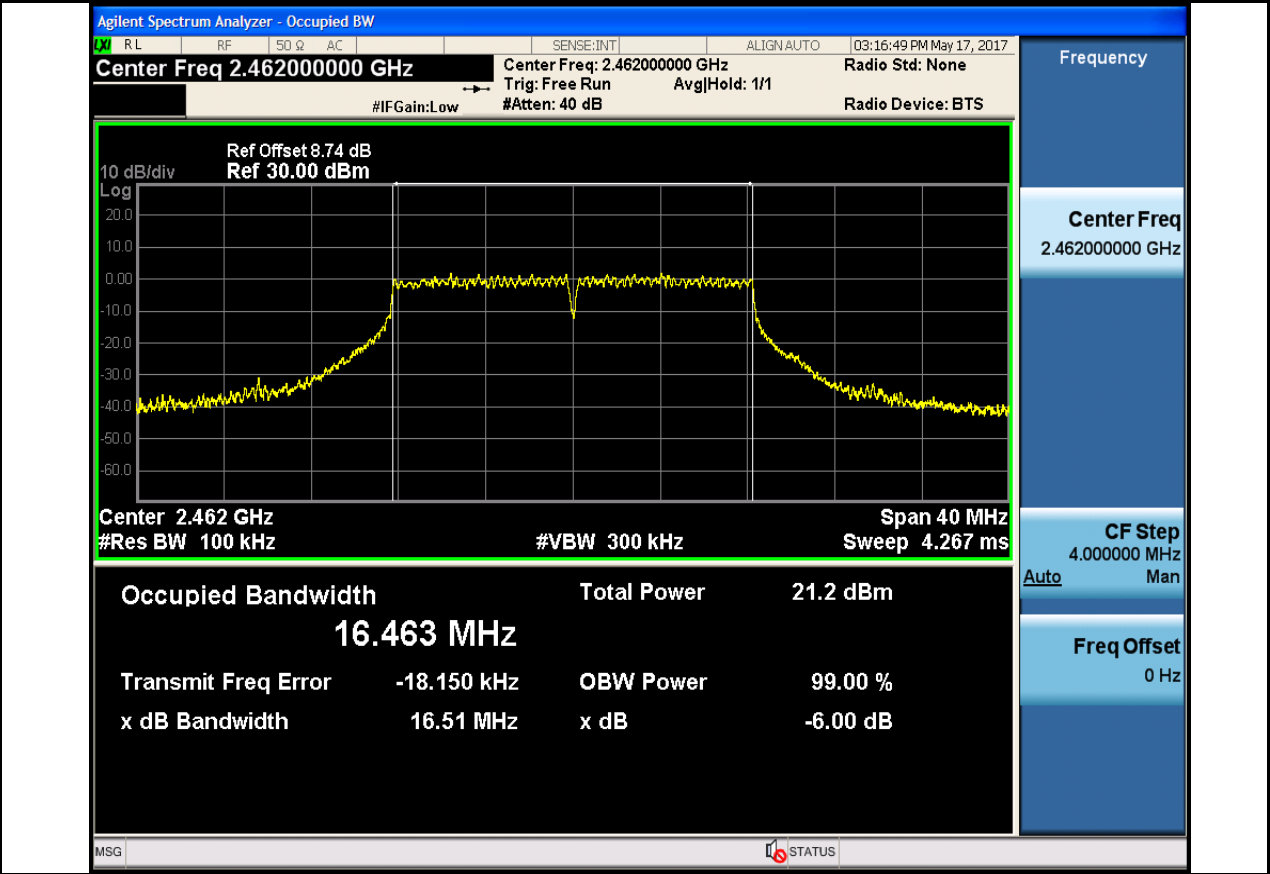
Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	10.07	0.5	PASS
11B	2437	Ant1	10.06	0.5	PASS
11B	2462	Ant1	10.07	0.5	PASS
11G	2412	Ant1	16.52	0.5	PASS
11G	2437	Ant1	16.53	0.5	PASS
11G	2462	Ant1	16.51	0.5	PASS
11N20SISO	2412	Ant1	17.79	0.5	PASS
11N20SISO	2437	Ant1	17.78	0.5	PASS
11N20SISO	2462	Ant1	17.78	0.5	PASS
11N40SISO	2422	Ant1	36.04	0.5	PASS
11N40SISO	2437	Ant1	36.34	0.5	PASS
11N40SISO	2452	Ant1	36.36	0.5	PASS



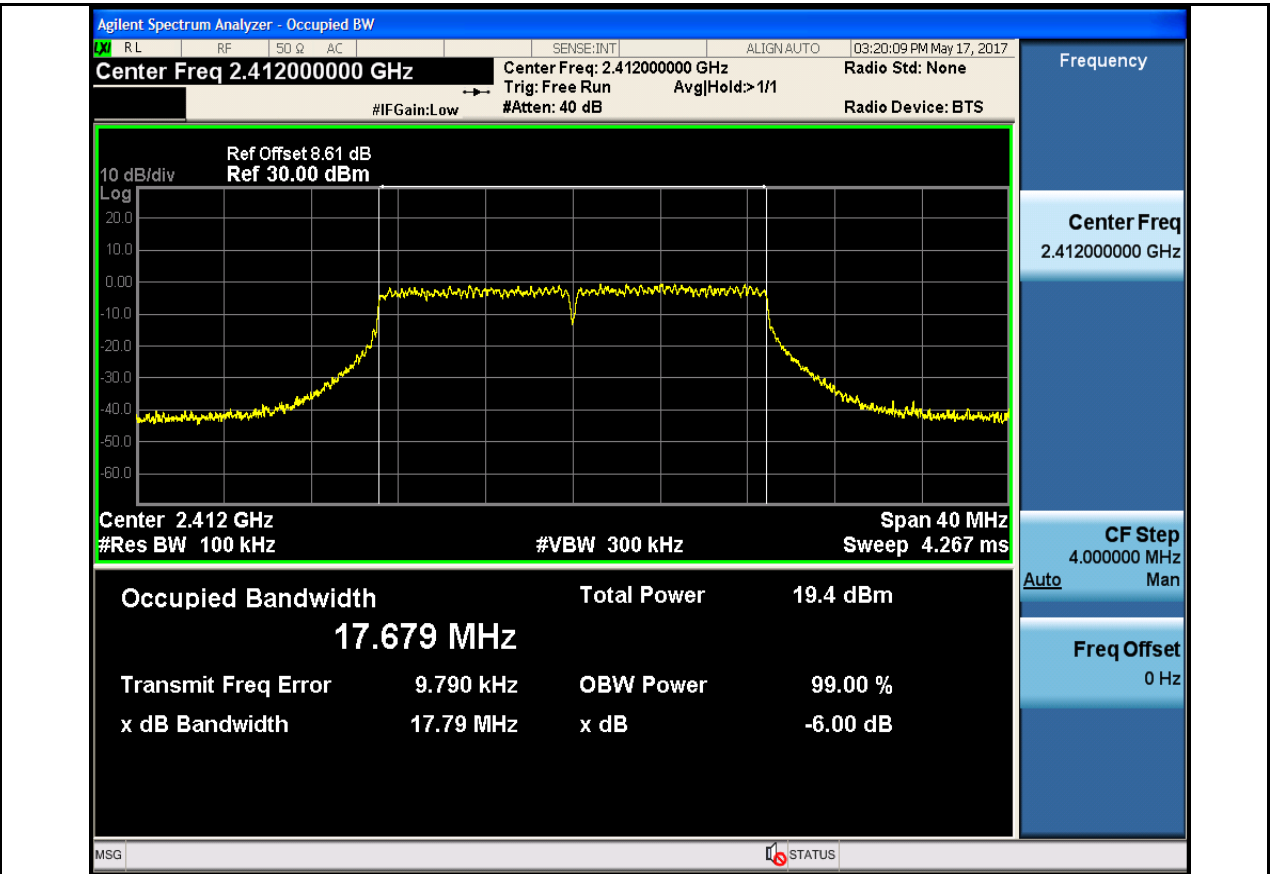




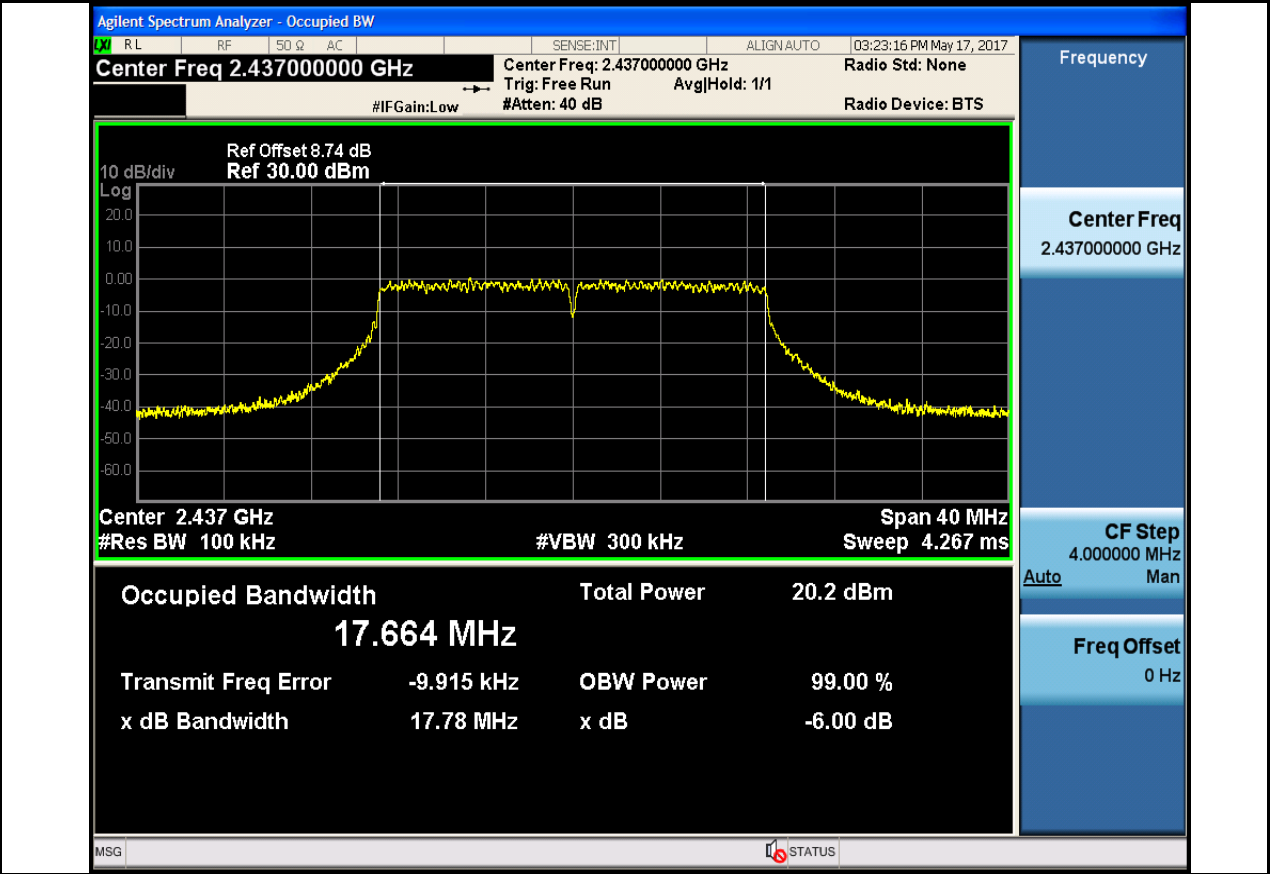
6dB Bandwidth_11G_2462_Ant1



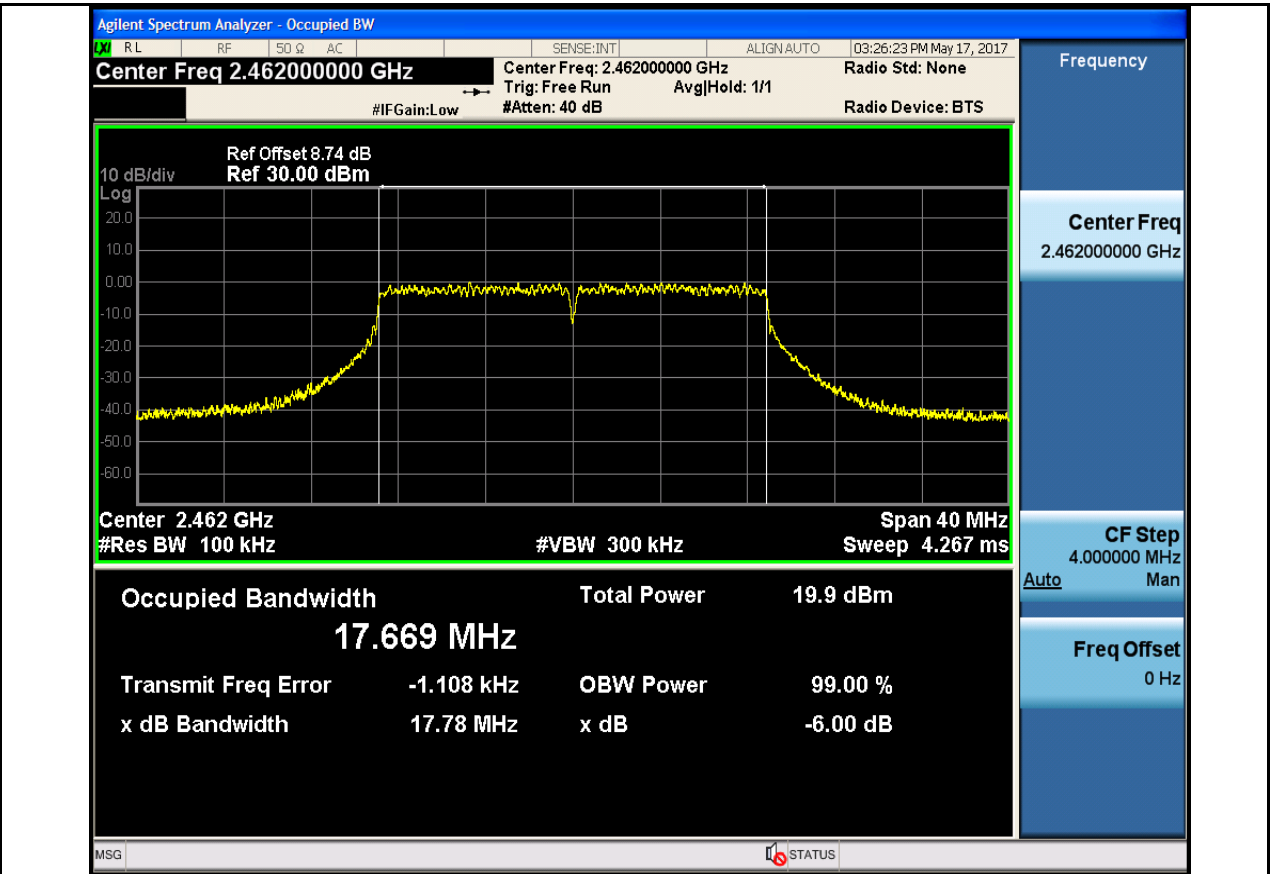
6dB Bandwidth_11N20SISO_2412_Ant1



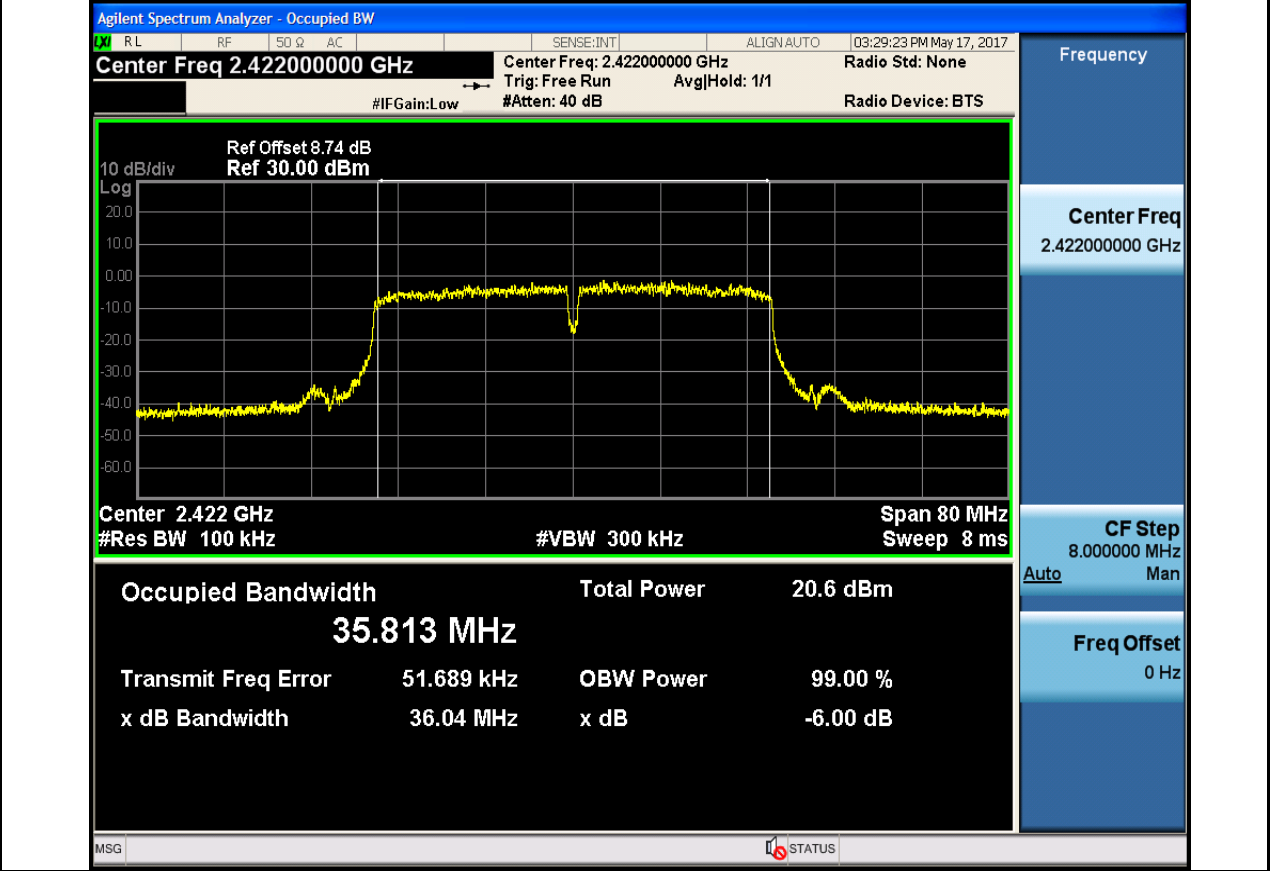
6dB Bandwidth_11N20SISO_2437_Ant1



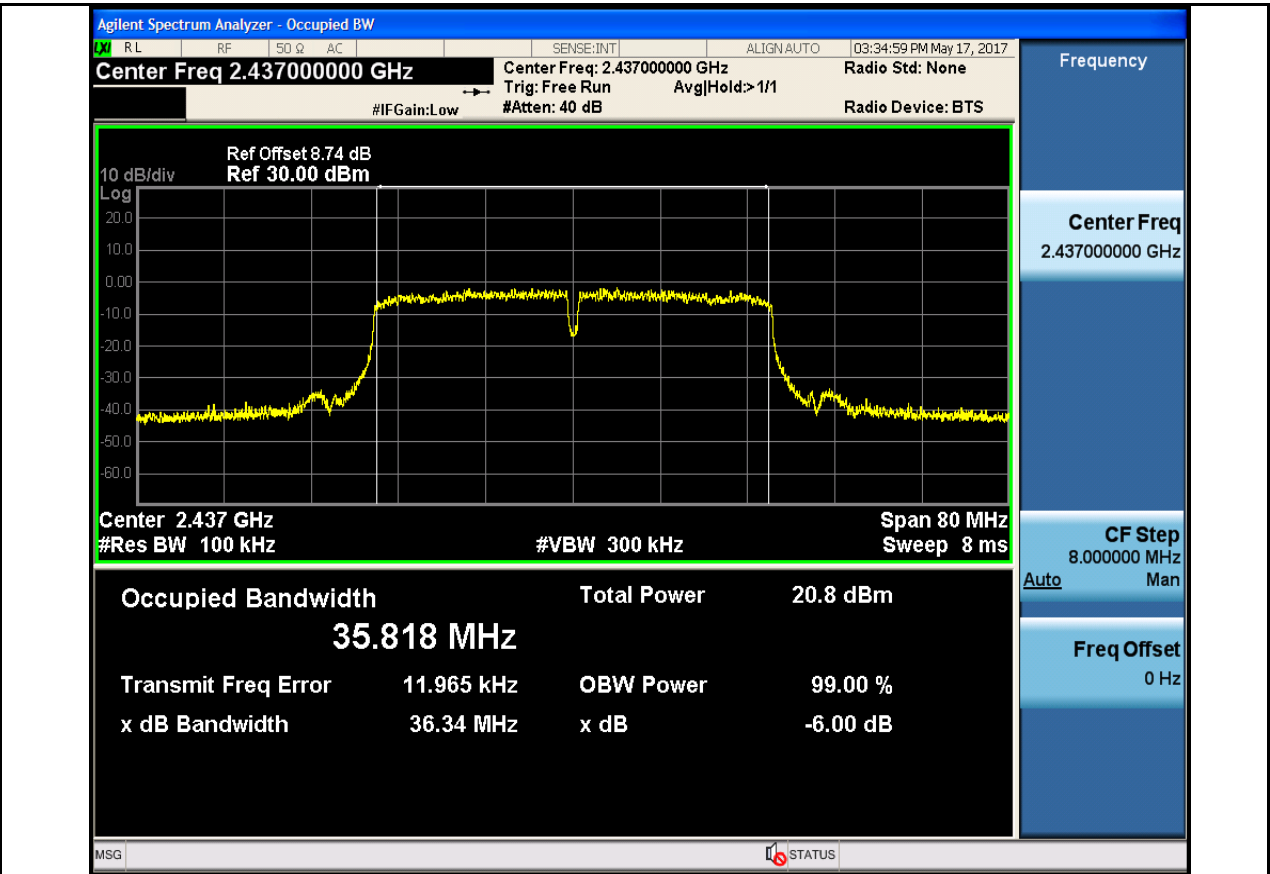
6dB Bandwidth_11N20SISO_2462_Ant1



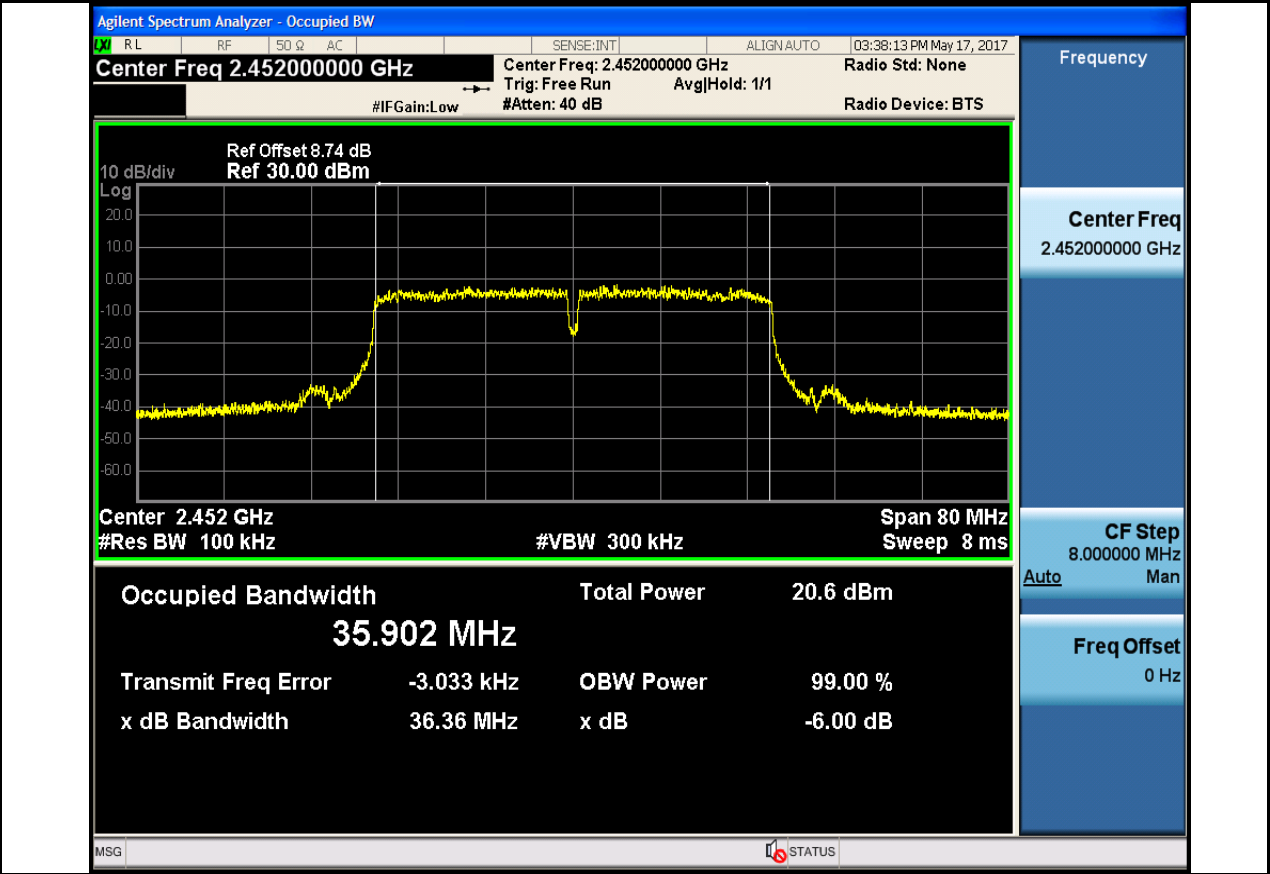
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1

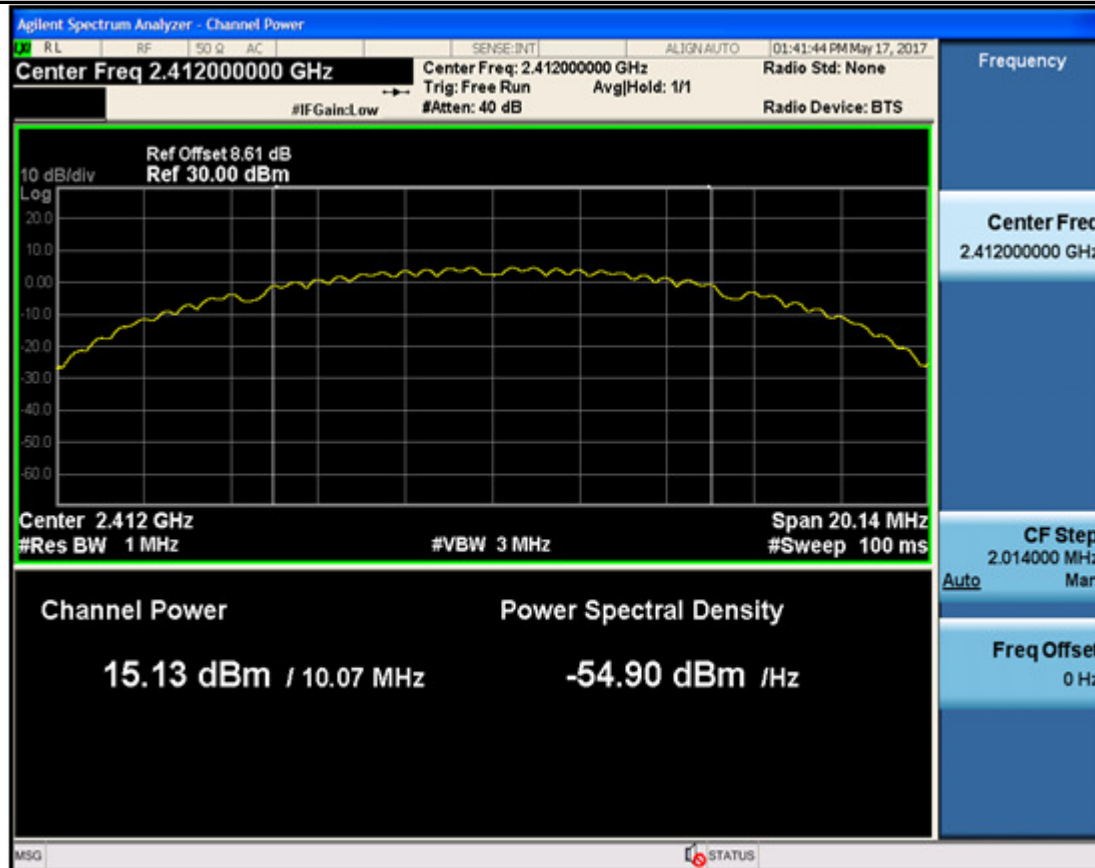


2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	15.13	30	PASS
11B	2437	Ant1	15.99	30	PASS
11B	2462	Ant1	15.71	30	PASS
11G	2412	Ant1	20.18	30	PASS
11G	2437	Ant1	21.1	30	PASS
11G	2462	Ant1	21.54	30	PASS
11N20SISO	2412	Ant1	20.08	30	PASS
11N20SISO	2437	Ant1	20.87	30	PASS
11N20SISO	2462	Ant1	20.64	30	PASS
11N40SISO	2422	Ant1	21.47	30	PASS
11N40SISO	2437	Ant1	21.64	30	PASS
11N40SISO	2452	Ant1	21.43	30	PASS

TEST PLOT

Maximum peak conducted output power_11B_2412_Ant1



Maximum peak conducted output power_11B_2437_Ant1



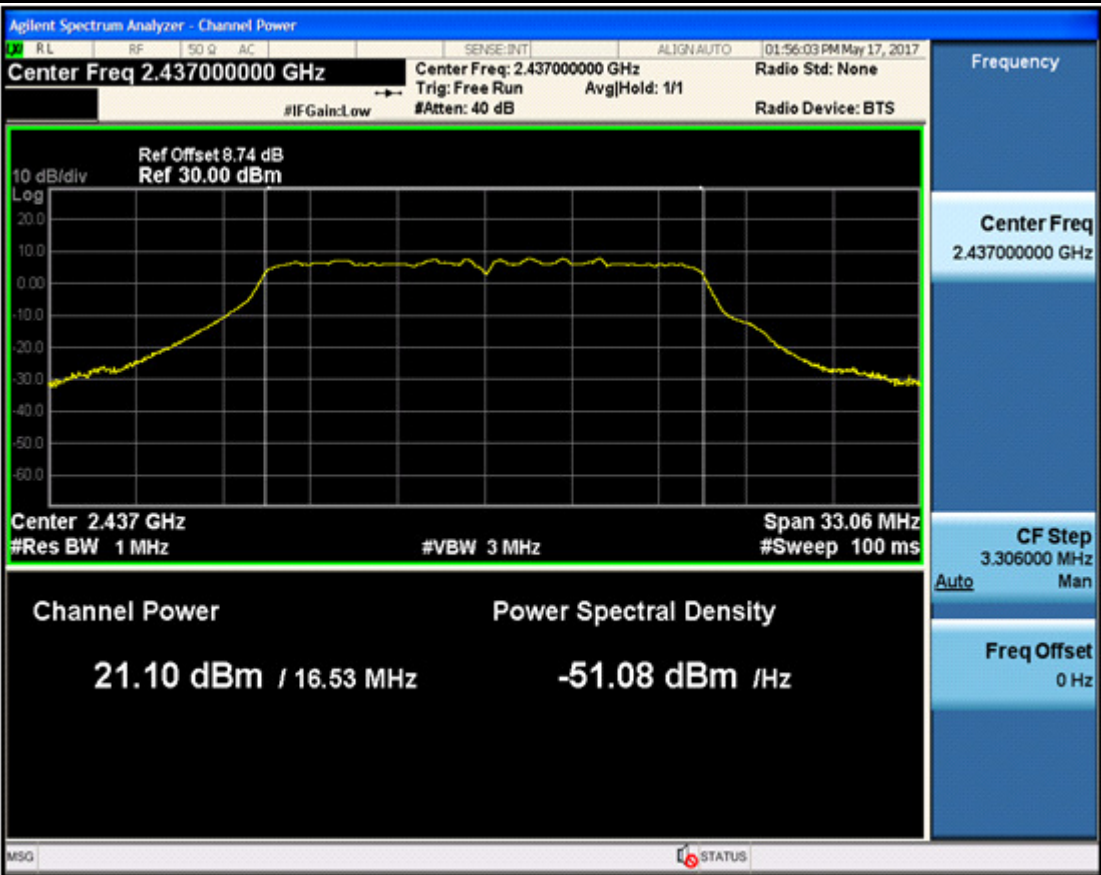
Maximum peak conducted output power_11B_2462_Ant1



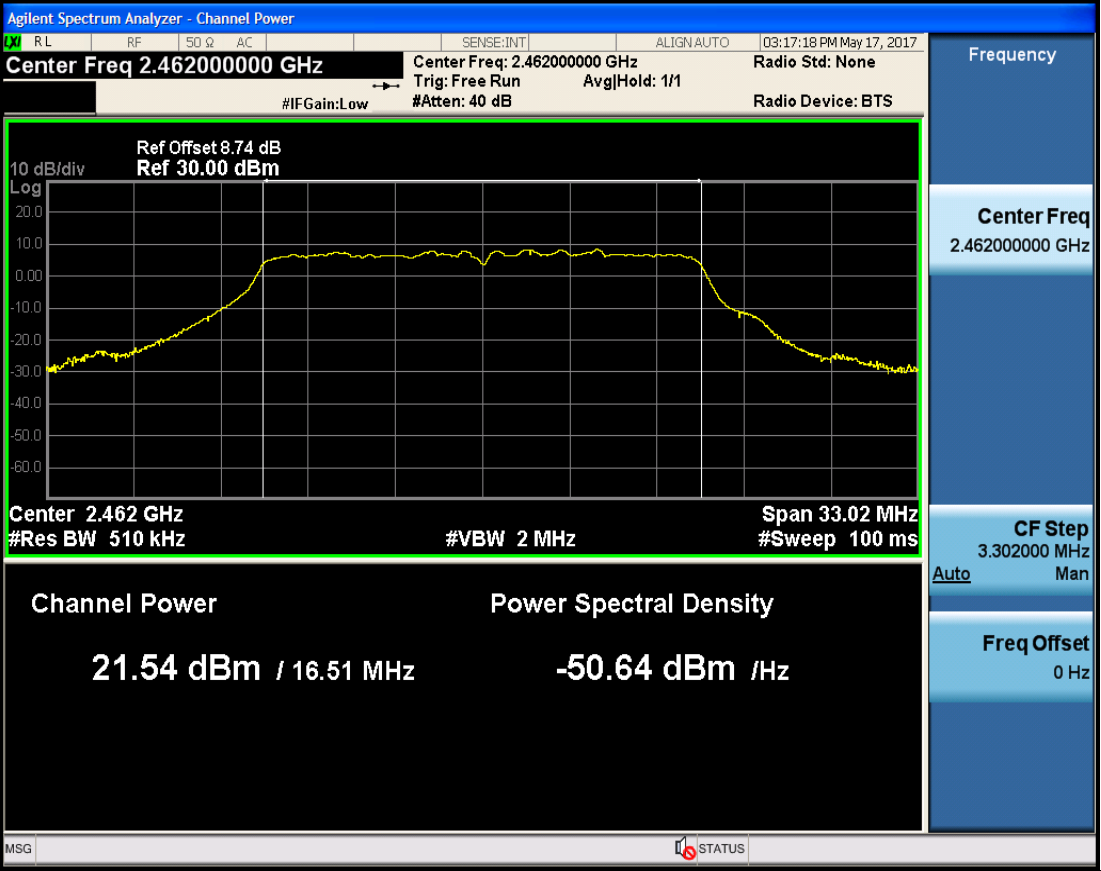
Maximum peak conducted output power_11G_2412_Ant1



Maximum peak conducted output power_11G_2437_Ant1



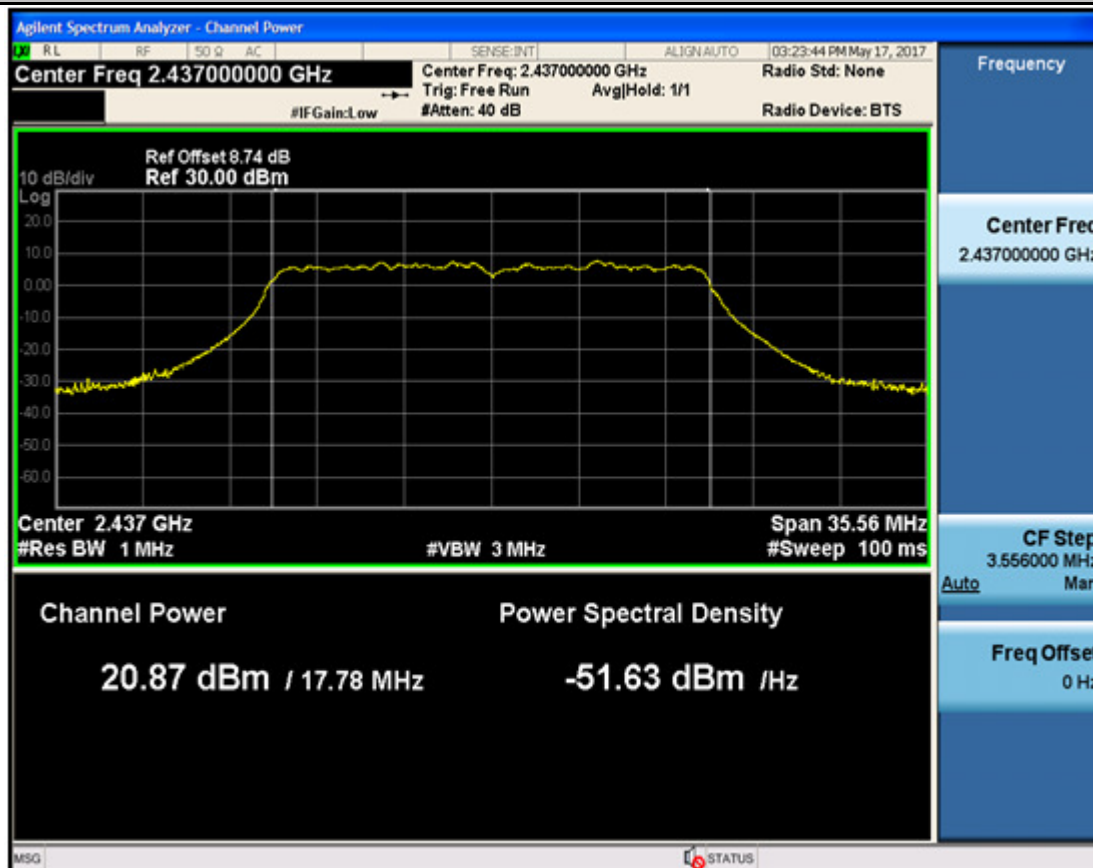
Maximum peak conducted output power_11G_2462_Ant1



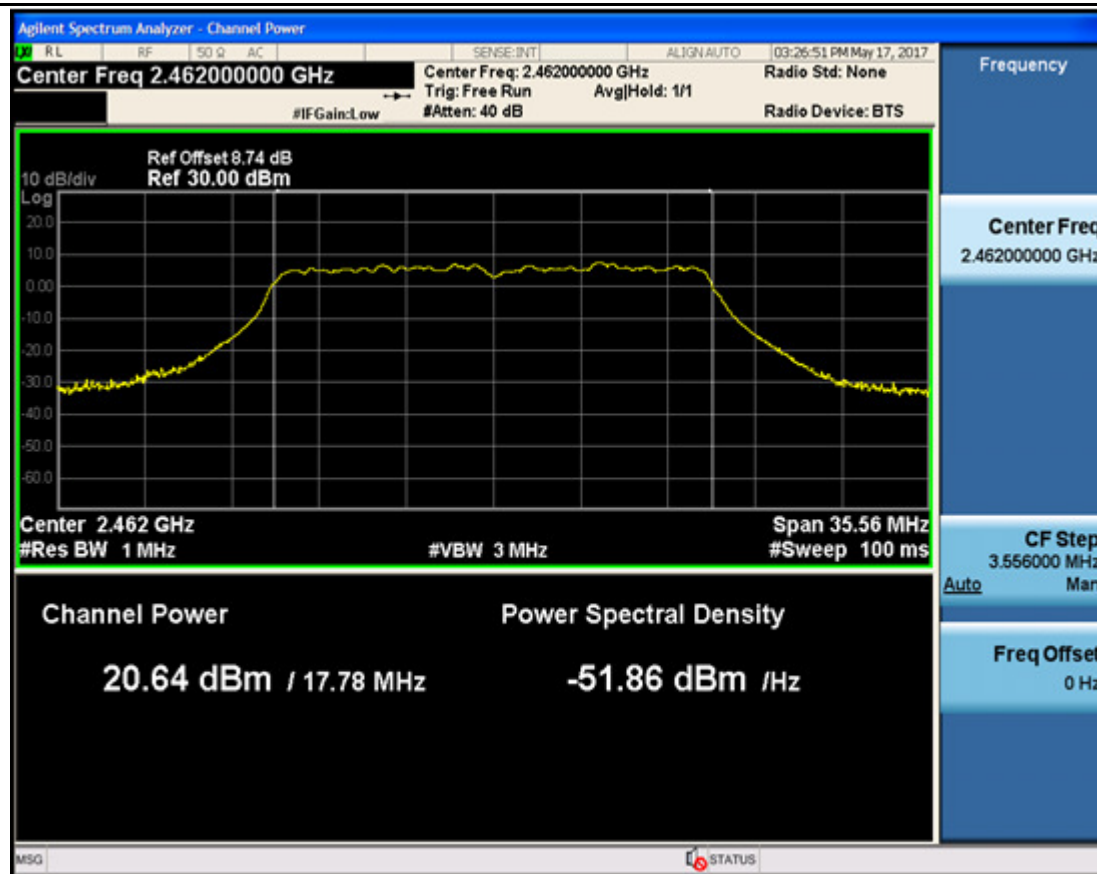
Maximum peak conducted output power_11N20SISO_2412_Ant1



Maximum peak conducted output power_11N20SISO_2437_Ant1



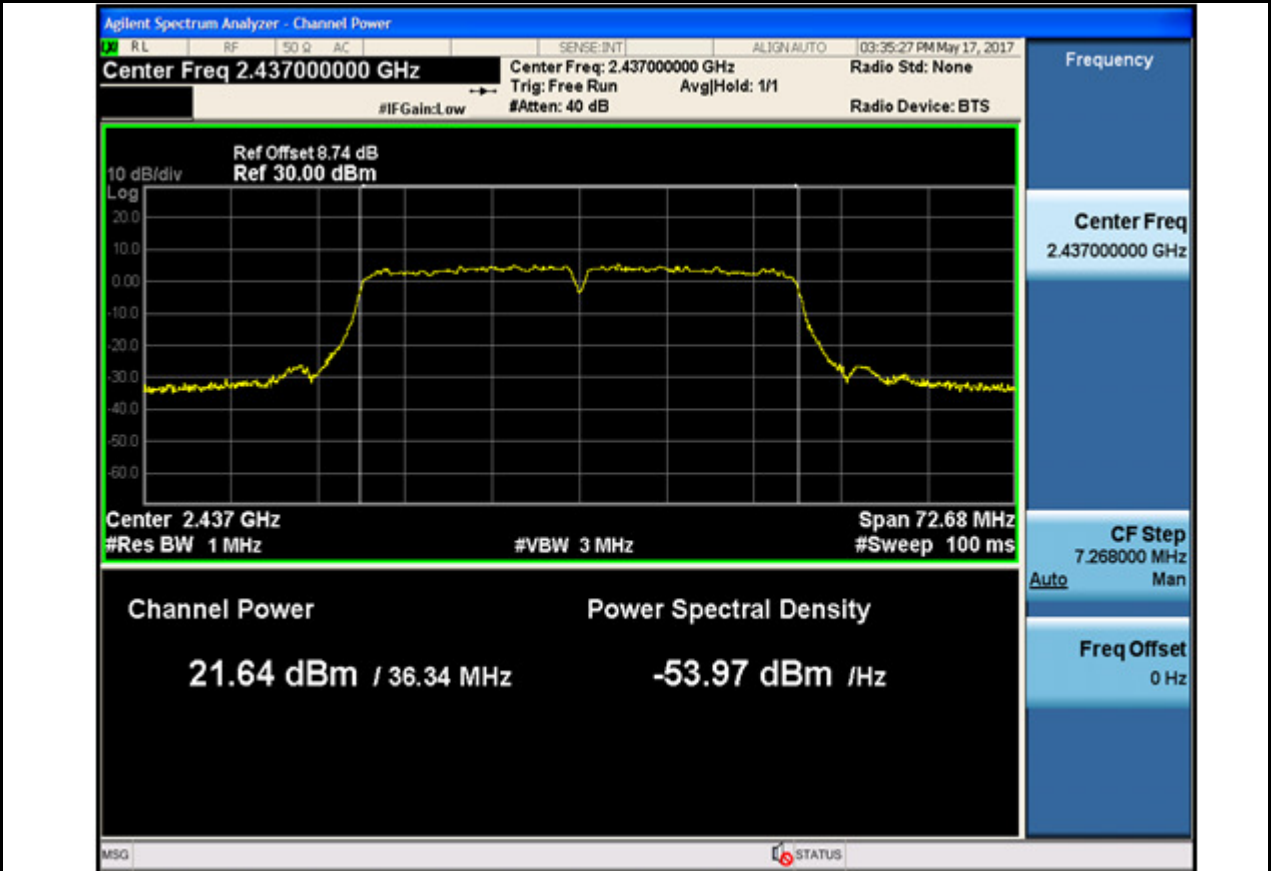
Maximum peak conducted output power_11N20SISO_2462_Ant1



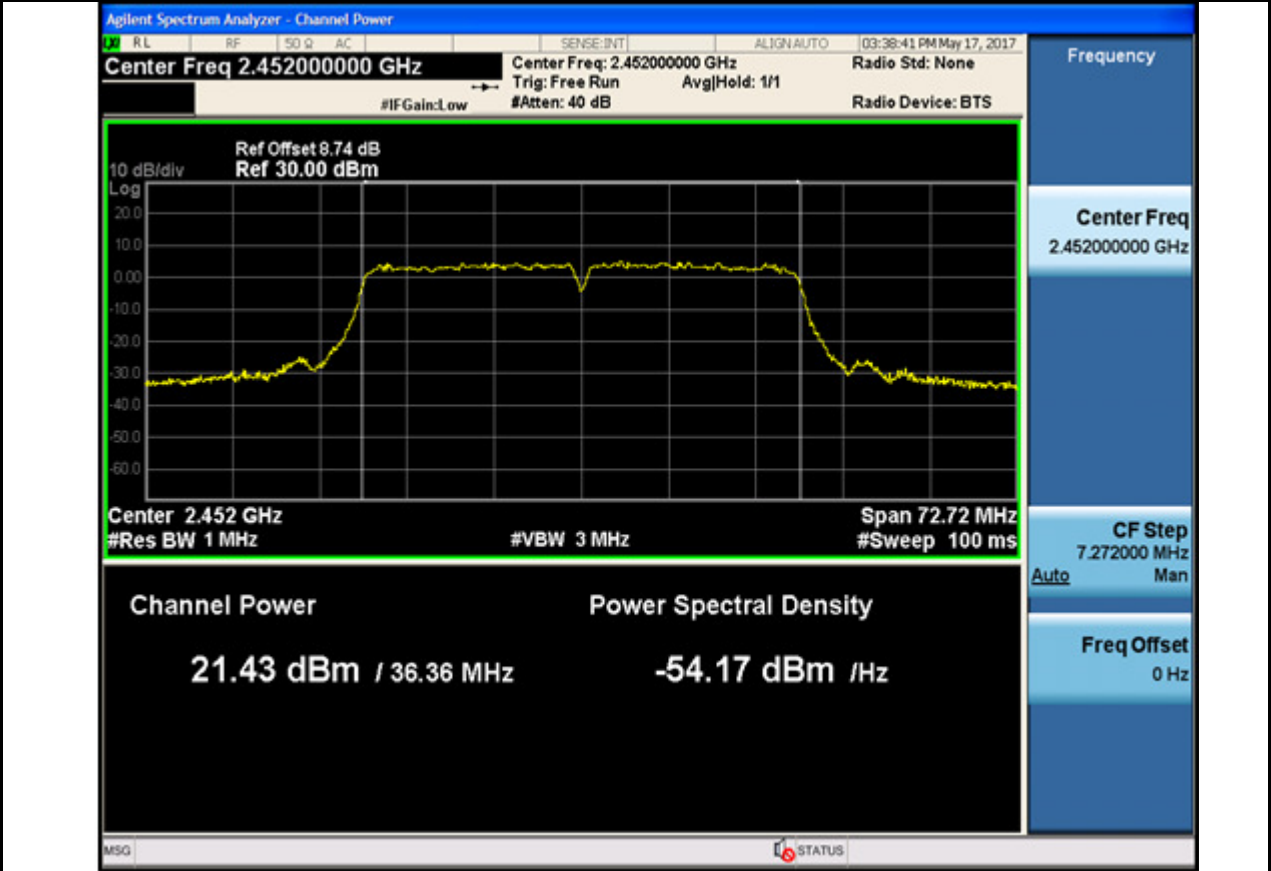
Maximum peak conducted output power_11N40SISO_2422_Ant1



Maximum peak conducted output power_11N40SISO_2437_Ant1



Maximum peak conducted output power_11N40SISO_2452_Ant1



3.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-16.861	8.00	PASS
11B	2437	Ant1	-16.039	8.00	PASS
11B	2462	Ant1	-16.352	8.00	PASS
11G	2412	Ant1	-13.591	8.00	PASS
11G	2437	Ant1	-12.995	8.00	PASS
11G	2462	Ant1	-12.518	8.00	PASS
11N20SISO	2412	Ant1	-14.293	8.00	PASS
11N20SISO	2437	Ant1	-13.319	8.00	PASS
11N20SISO	2462	Ant1	-14.371	8.00	PASS
11N40SISO	2422	Ant1	-15.334	8.00	PASS
11N40SISO	2437	Ant1	-14.696	8.00	PASS
11N40SISO	2452	Ant1	-14.9	8.00	PASS

TEST PLOT

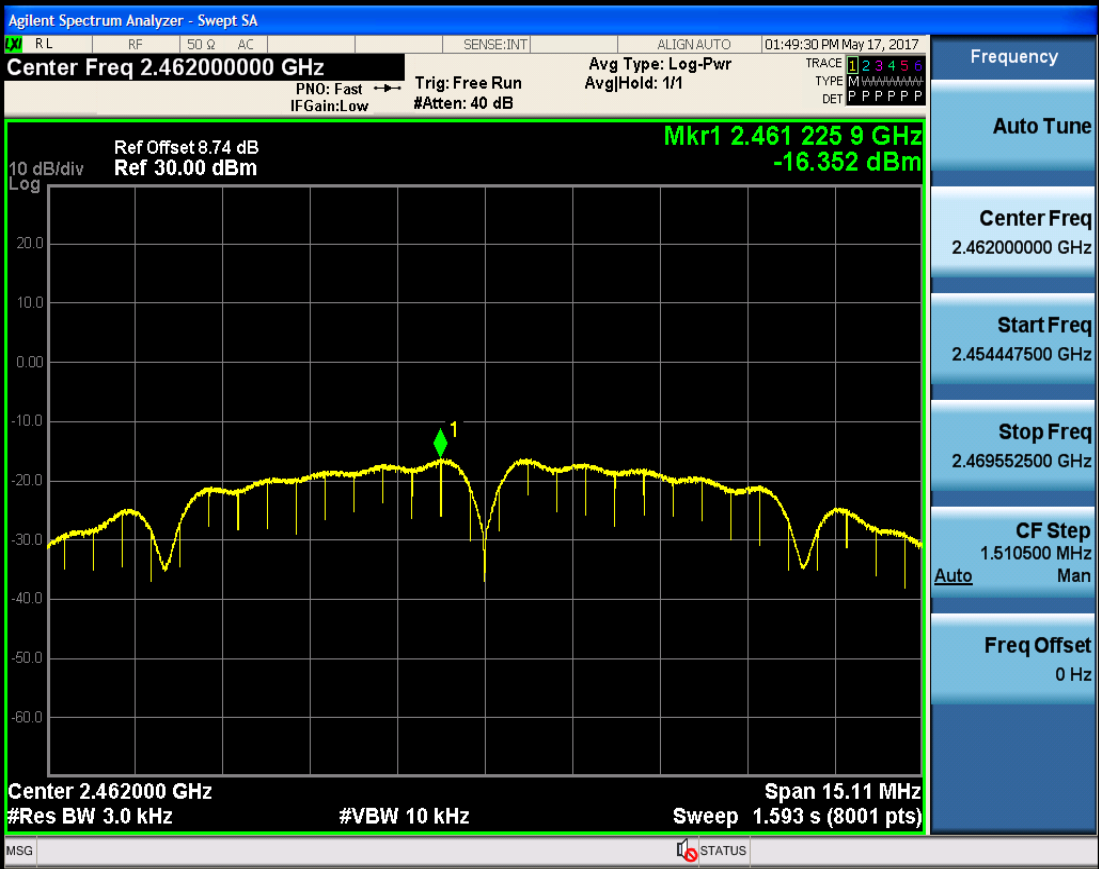
Maximum Peak power spectral density_11B_2412_Ant1



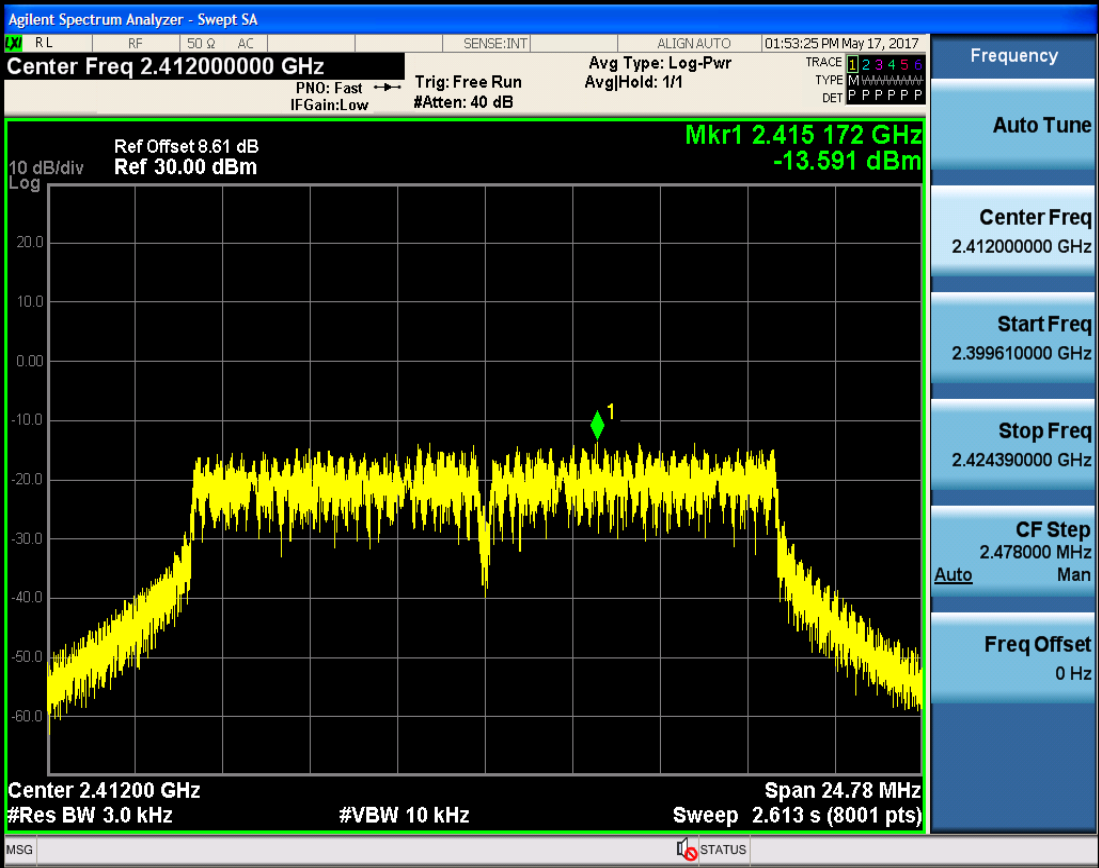
Maximum Peak power spectral density_11B_2437_Ant1



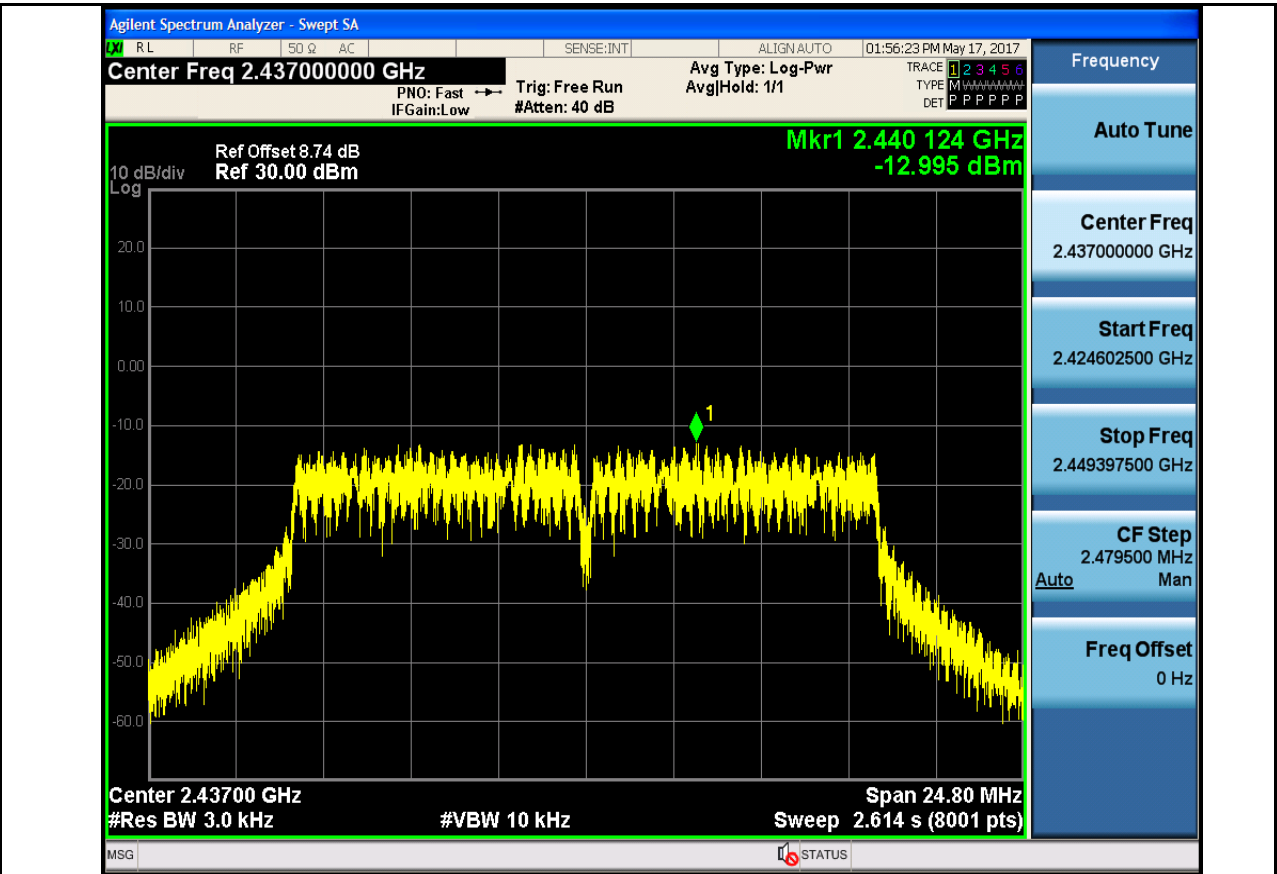
Maximum Peak power spectral density_11B_2462_Ant1



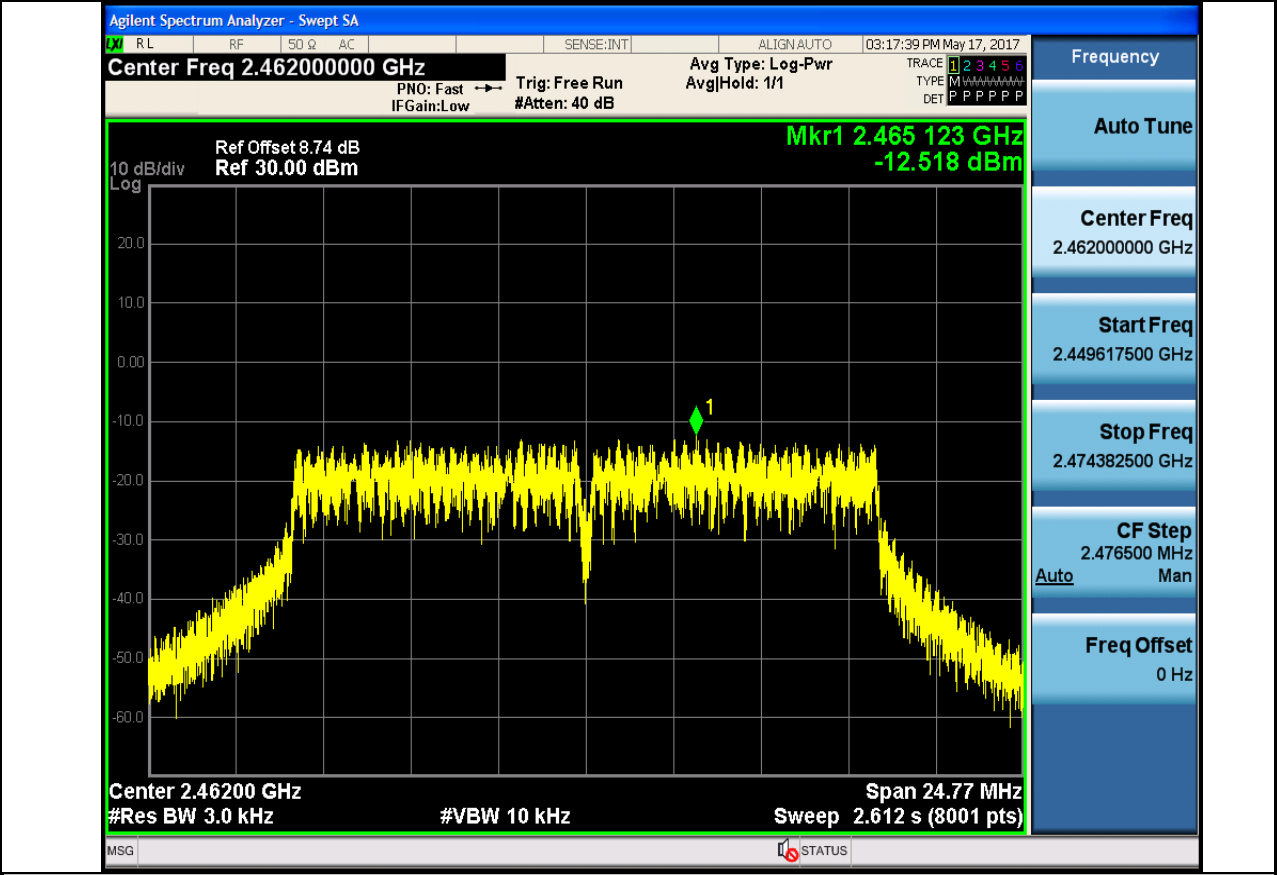
Maximum Peak power spectral density_11G_2412_Ant1



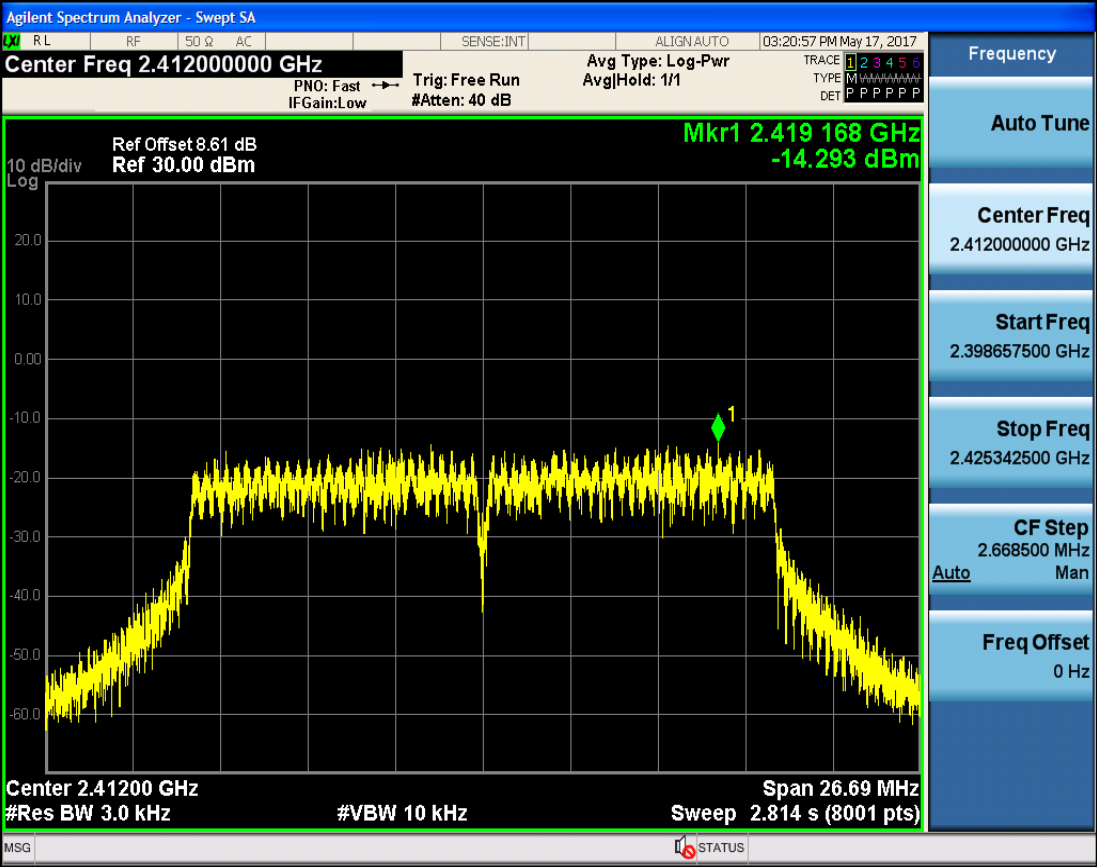
Maximum Peak power spectral density_11G_2437_Ant1



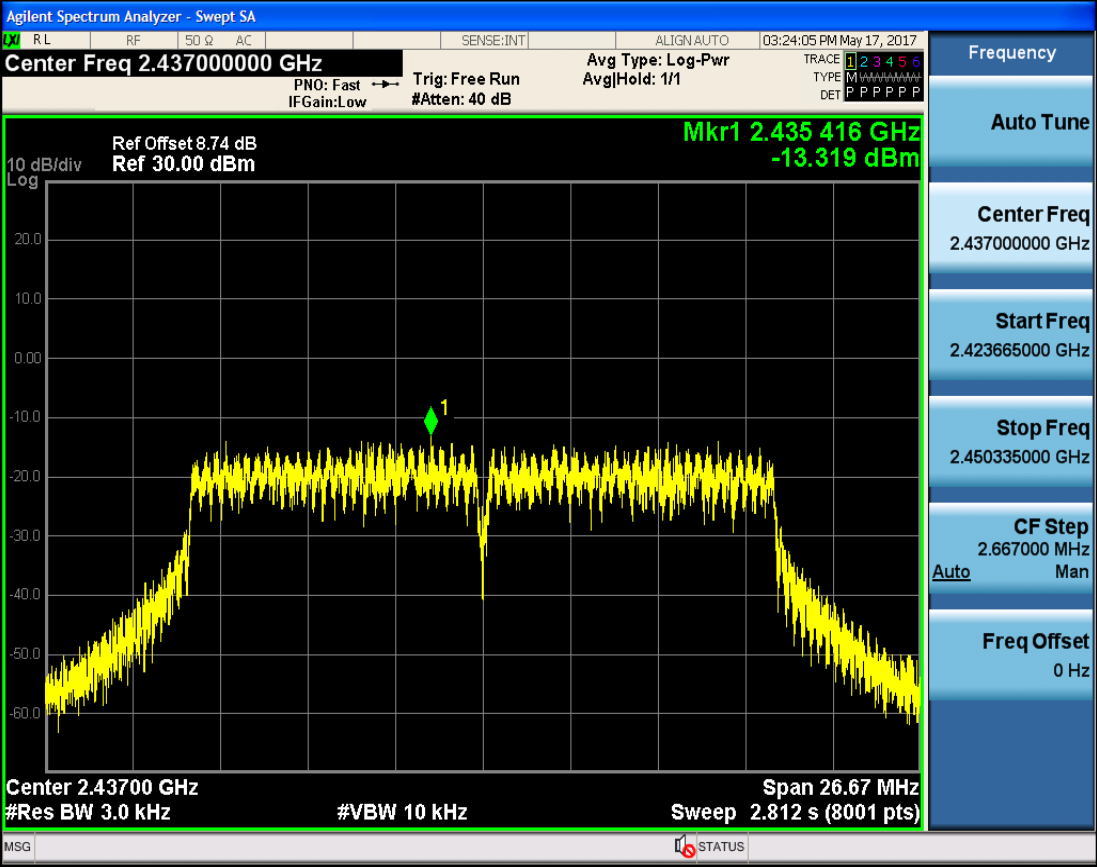
Maximum Peak power spectral density_11G_2462_Ant1



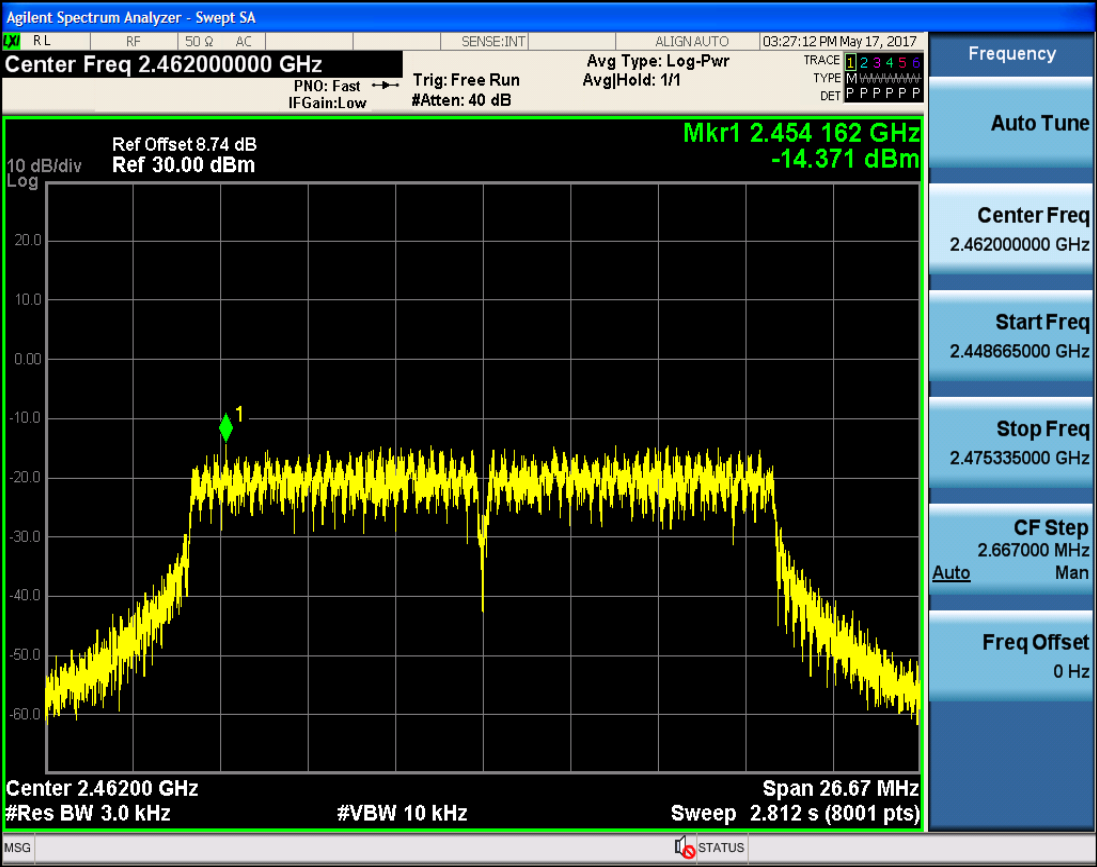
Maximum Peak power spectral density_11N20SISO_2412_Ant1



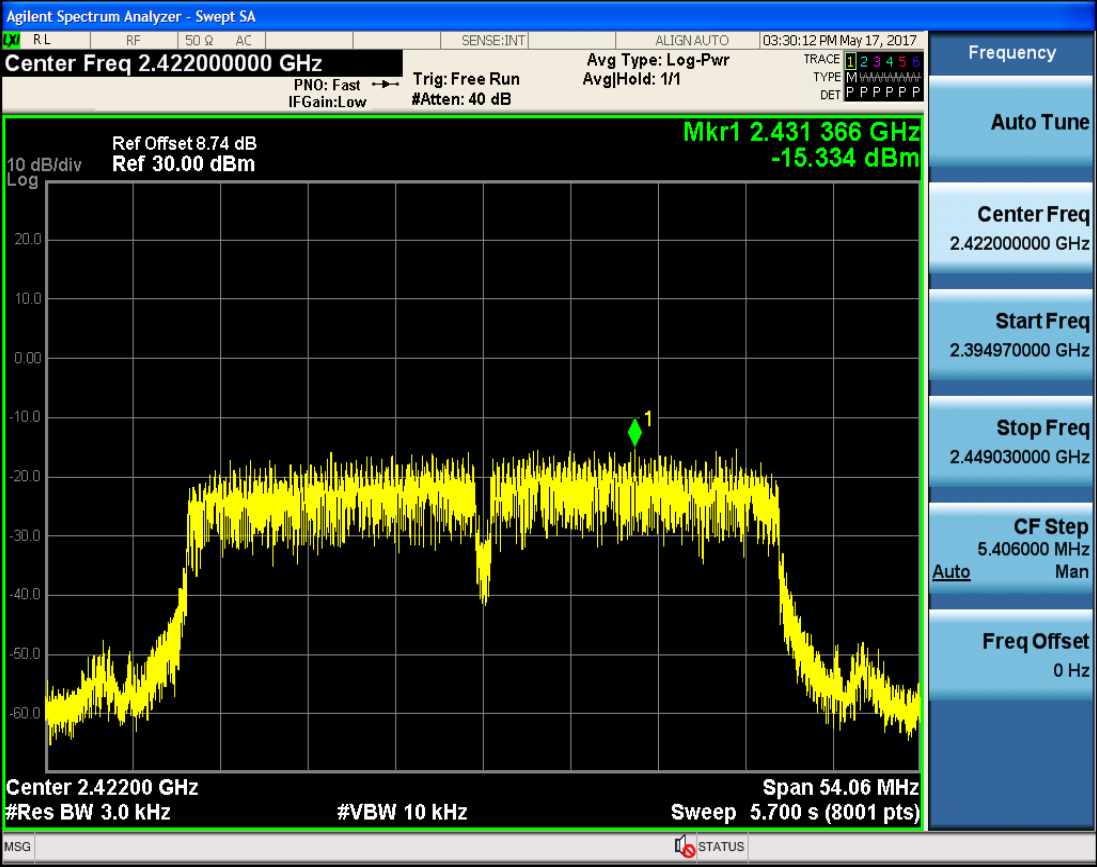
Maximum Peak power spectral density_11N20SISO_2437_Ant1



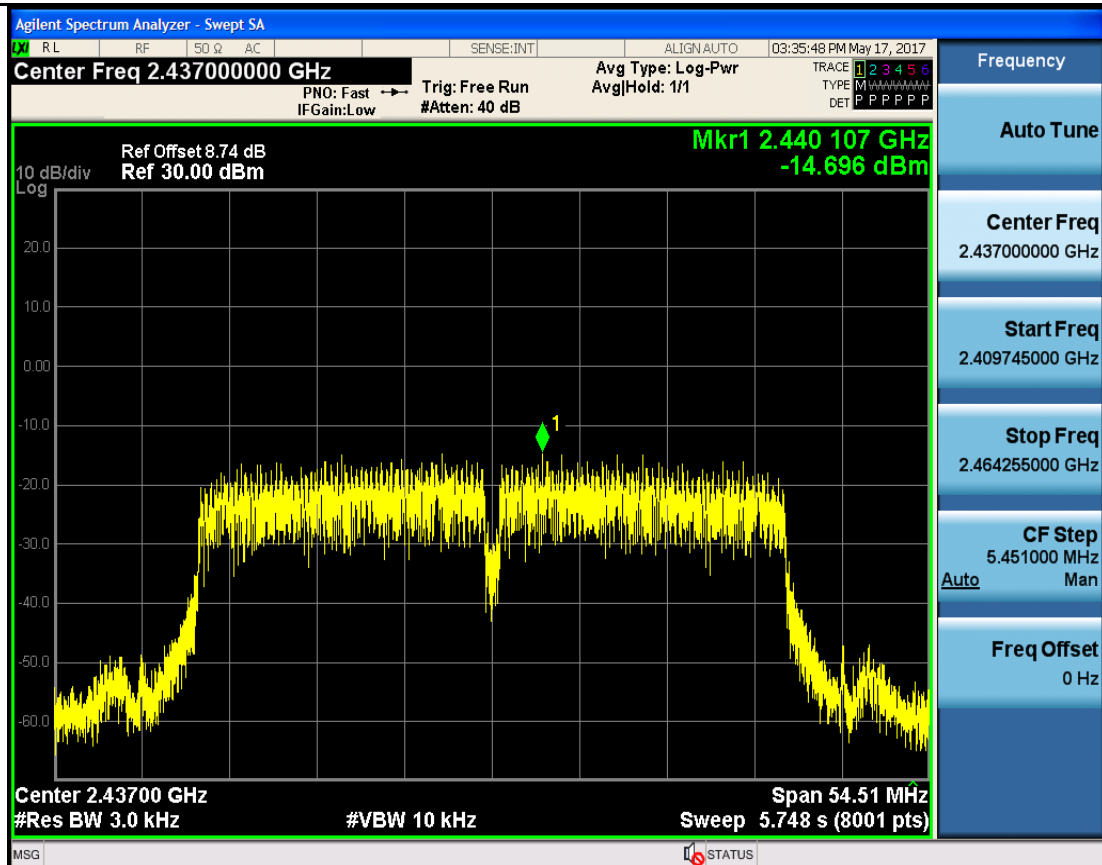
Maximum Peak power spectral density_11N20SISO_2462_Ant1



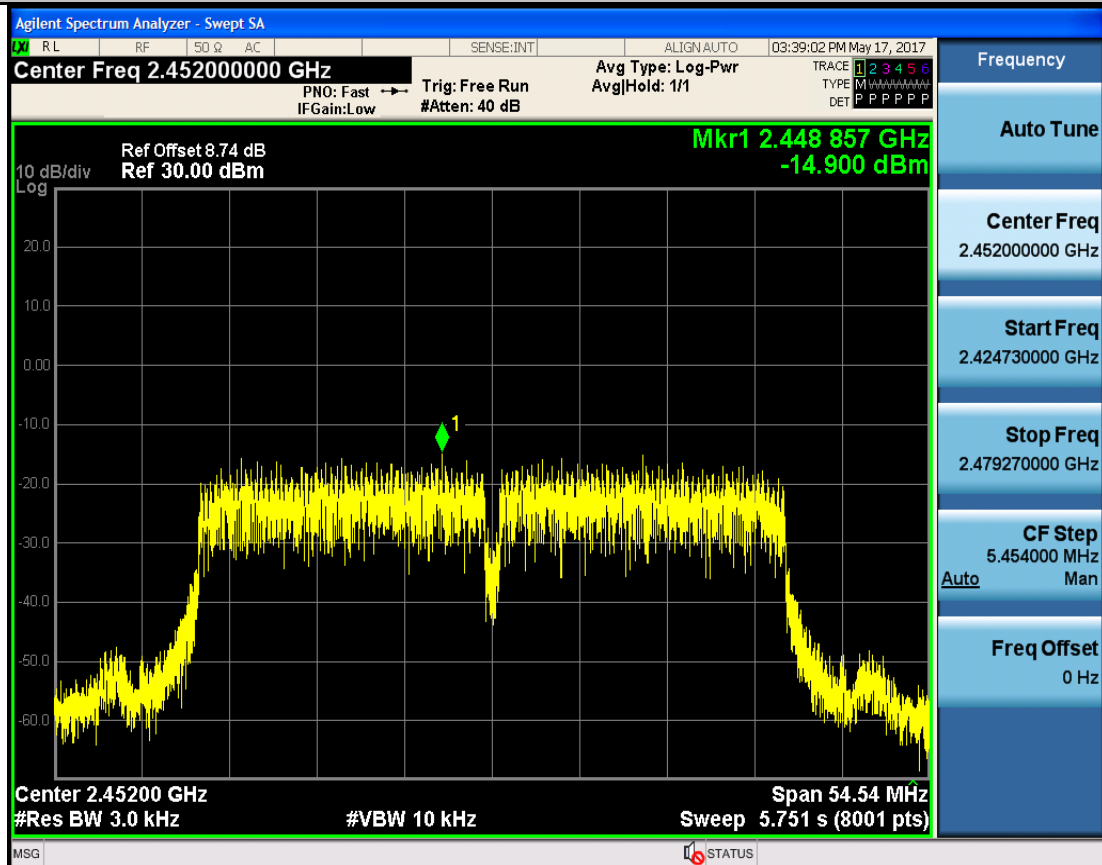
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



Maximum Peak power spectral density_11N40SISO_2452_Ant1

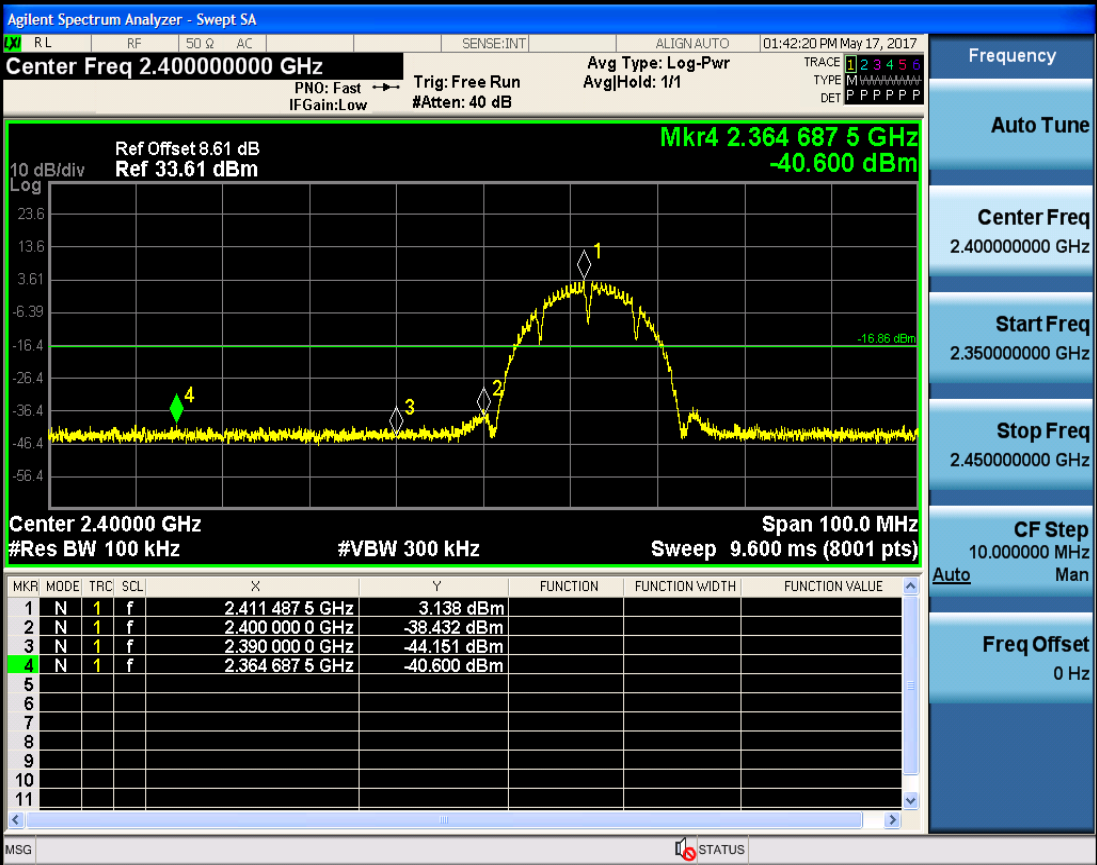


4.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	3.138	-40.600	-16.86	PASS
11B	2462	Ant1	3.737	-39.415	-16.26	PASS
11G	2412	Ant1	0.379	-40.217	-19.62	PASS
11G	2462	Ant1	1.378	-40.029	-18.62	PASS
11N20SISO	2412	Ant1	-0.416	-39.516	-20.42	PASS
11N20SISO	2462	Ant1	-0.267	-39.932	-20.27	PASS
11N40SISO	2422	Ant1	-1.408	-40.071	-21.41	PASS
11N40SISO	2452	Ant1	-1.989	-38.836	-21.99	PASS

TEST PLOT

Band-edge for RF Conducted Emissions_11B_2412_Ant1



Frequency

Auto Tune

Center Freq
2.40000000 GHz

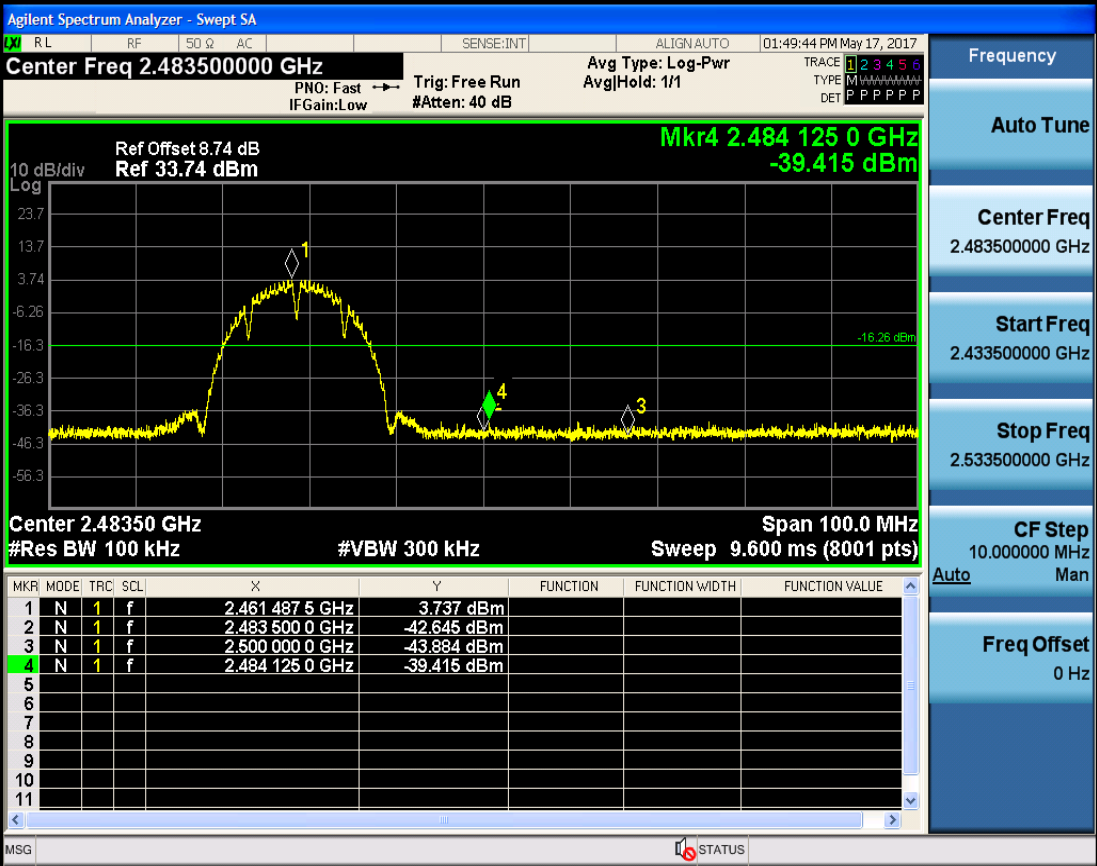
Start Freq
2.35000000 GHz

Stop Freq
2.45000000 GHz

CF Step
10.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11B_2462_Ant1



Frequency

Auto Tune

Center Freq
2.48350000 GHz

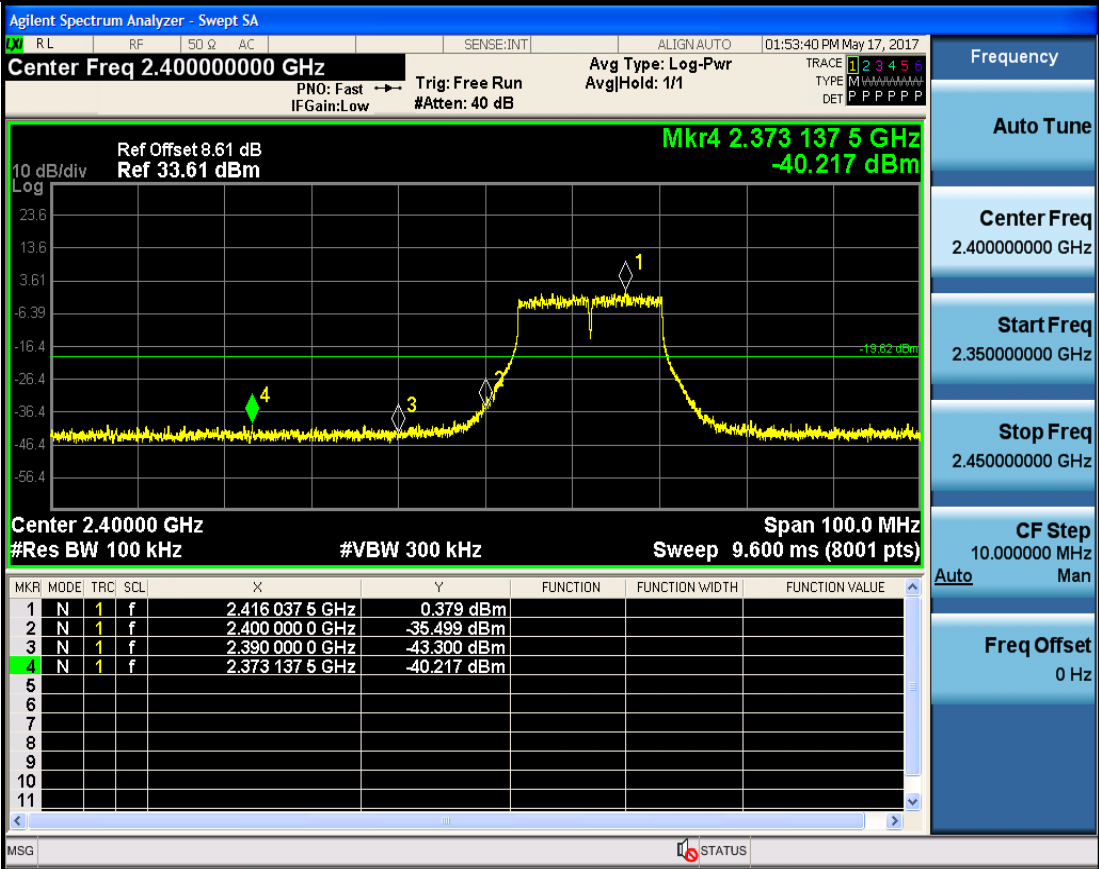
Start Freq
2.43350000 GHz

Stop Freq
2.53350000 GHz

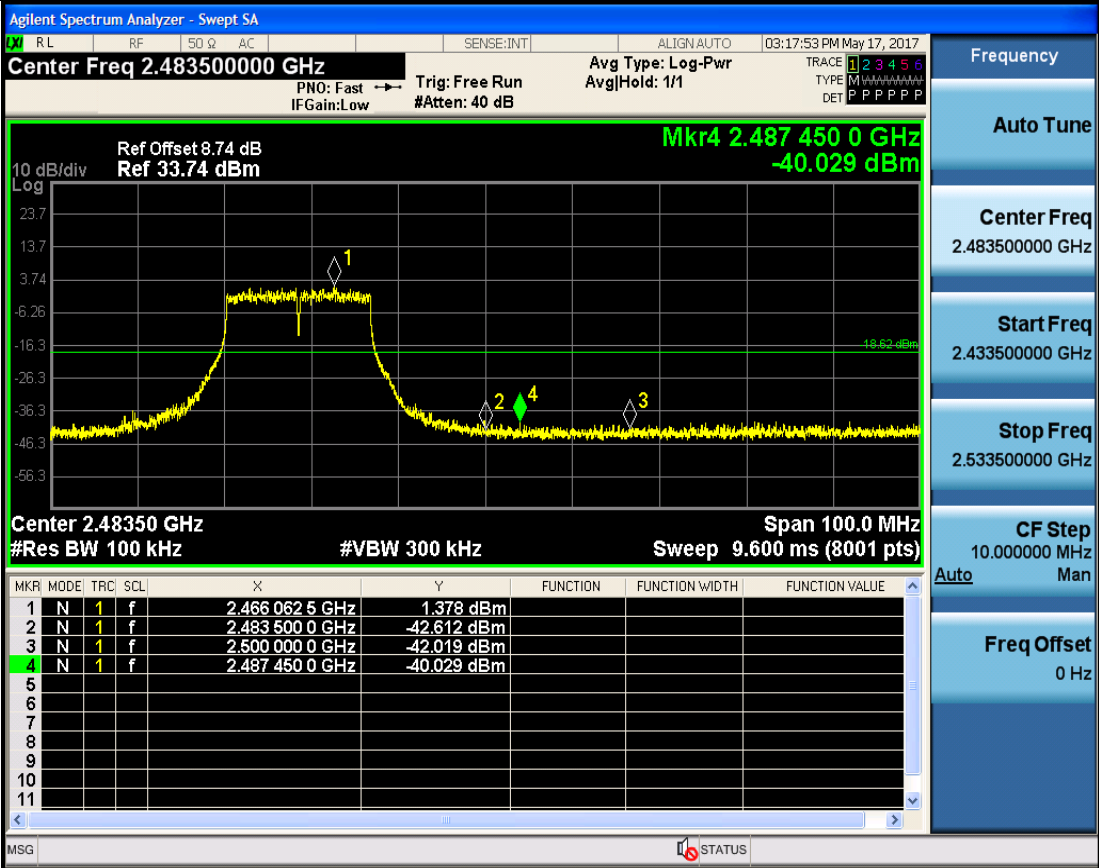
CF Step
10.000000 MHz
Auto Man

Freq Offset
0 Hz

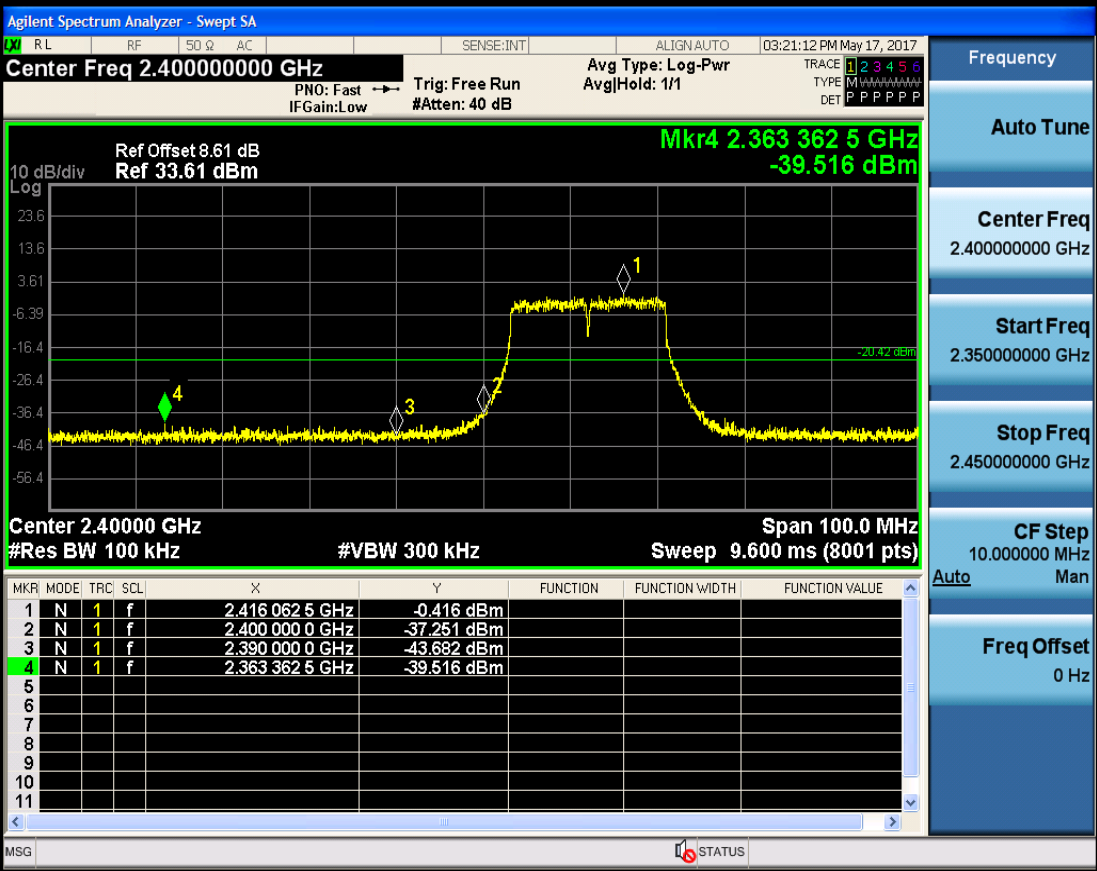
Band-edge for RF Conducted Emissions_11G_2412_Ant1



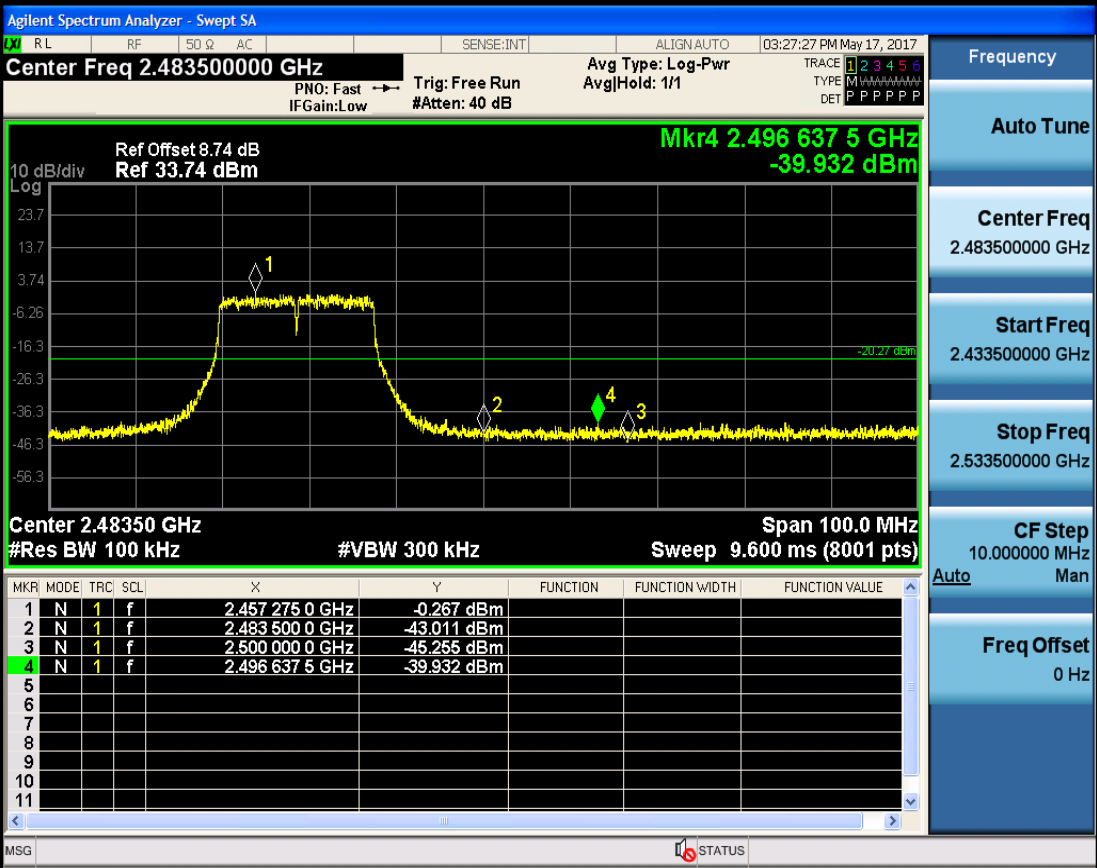
Band-edge for RF Conducted Emissions_11G_2462_Ant1



Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



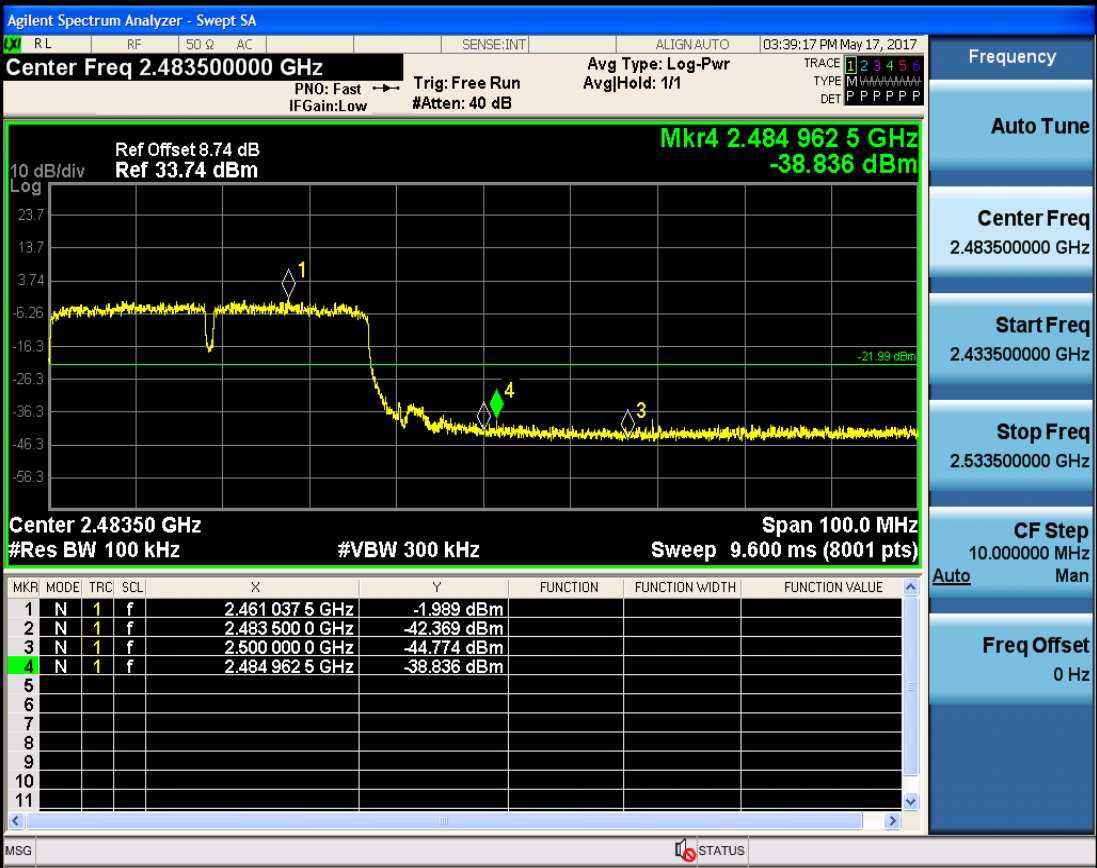
Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1

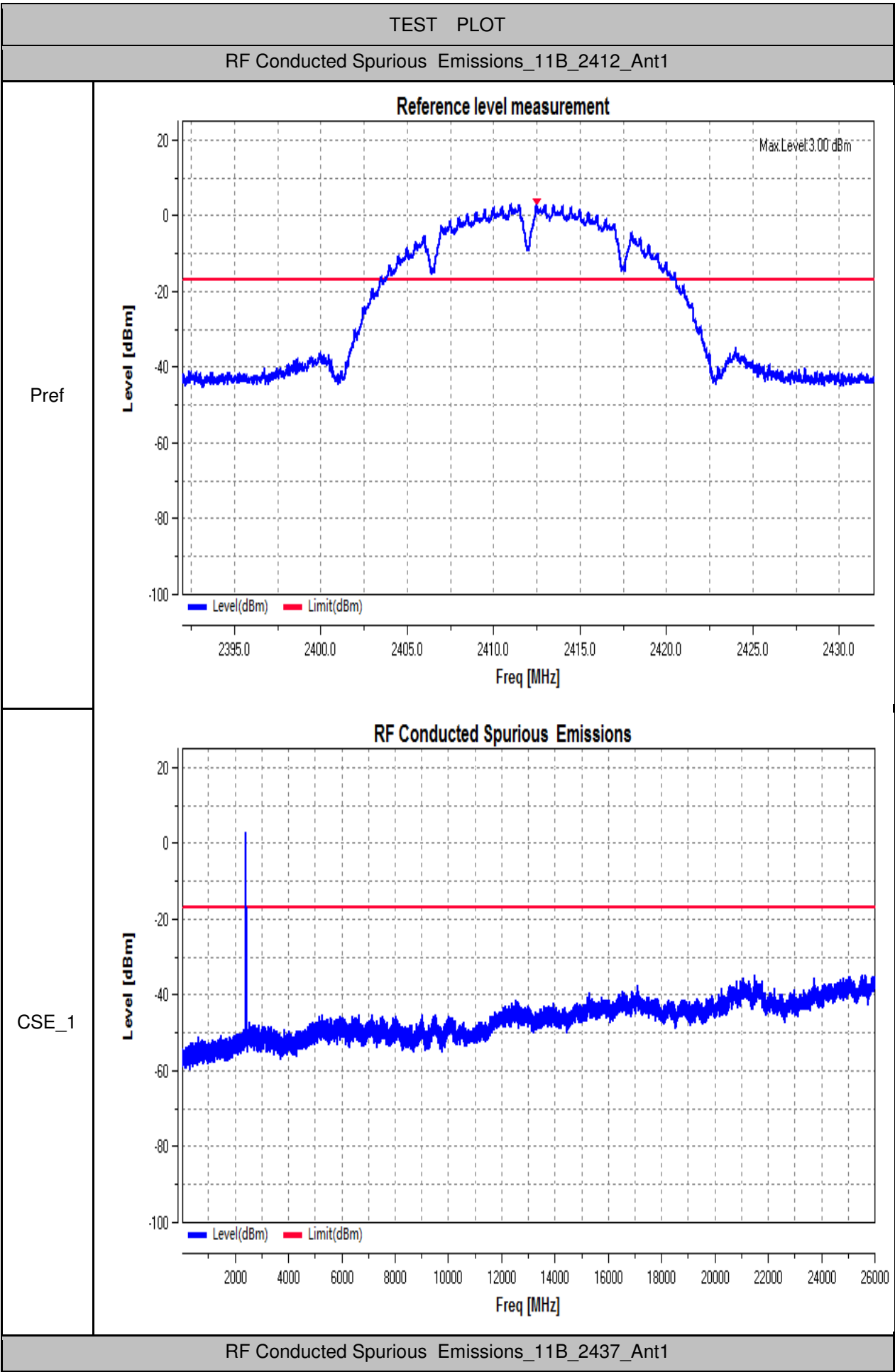


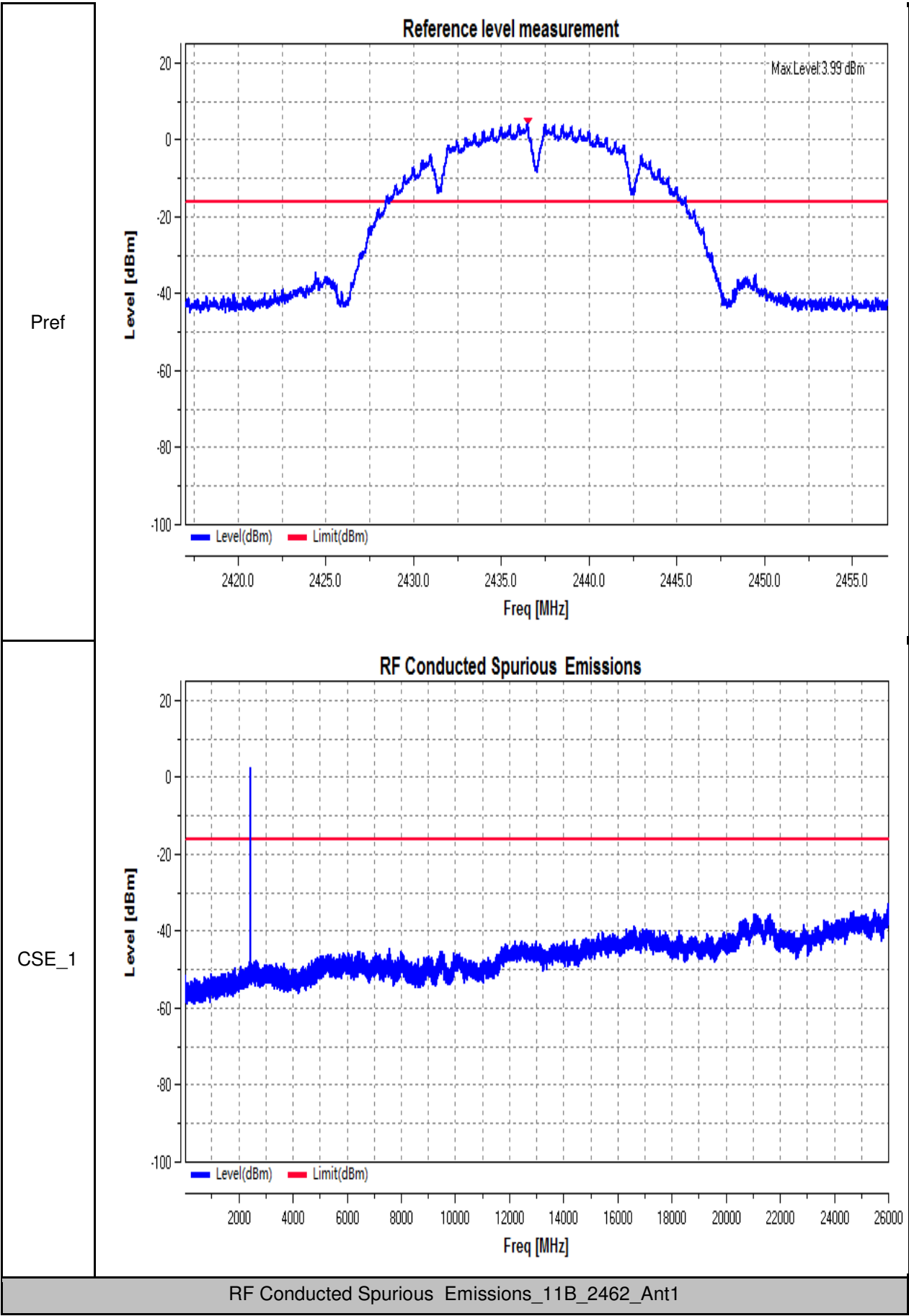
Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1

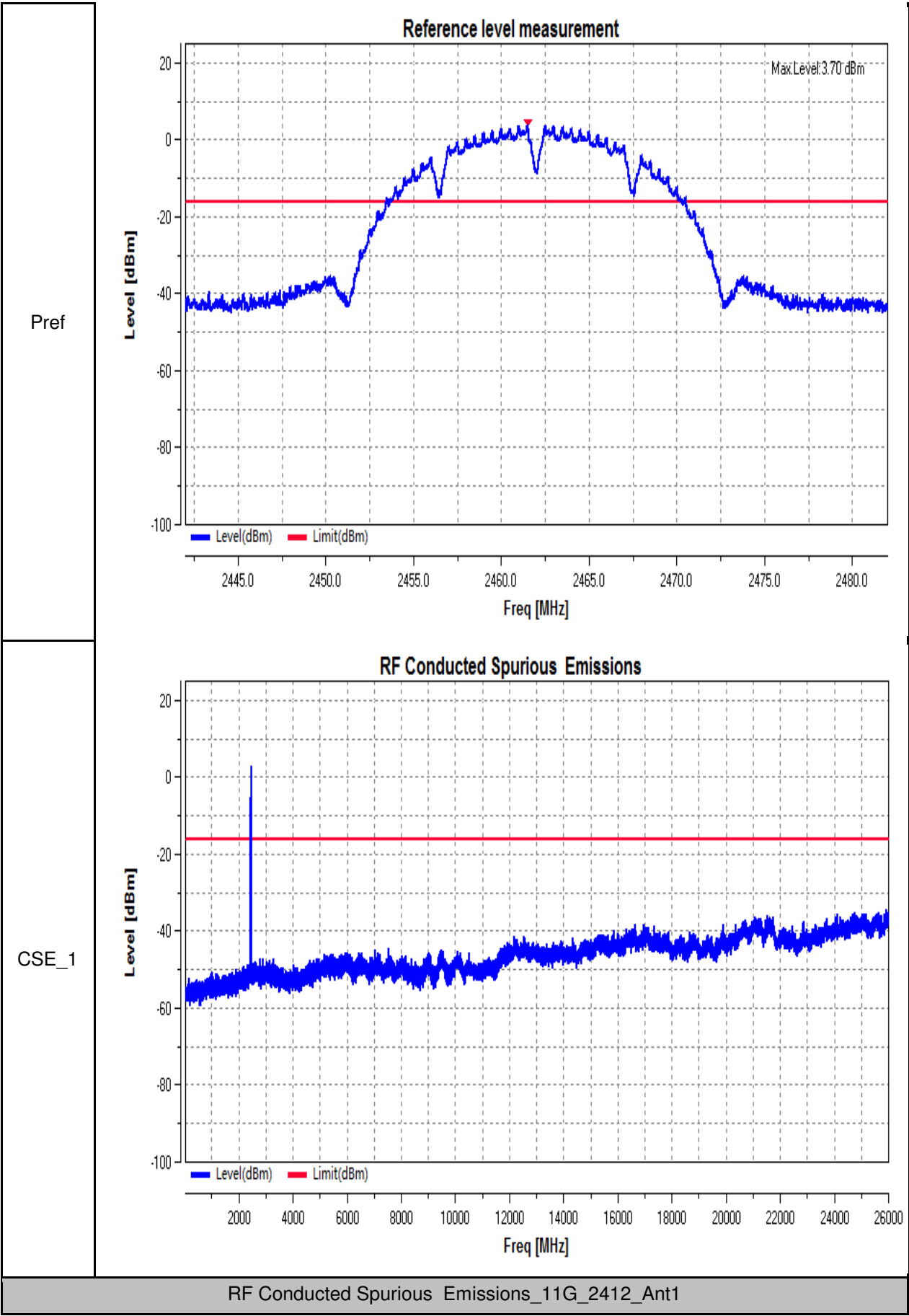


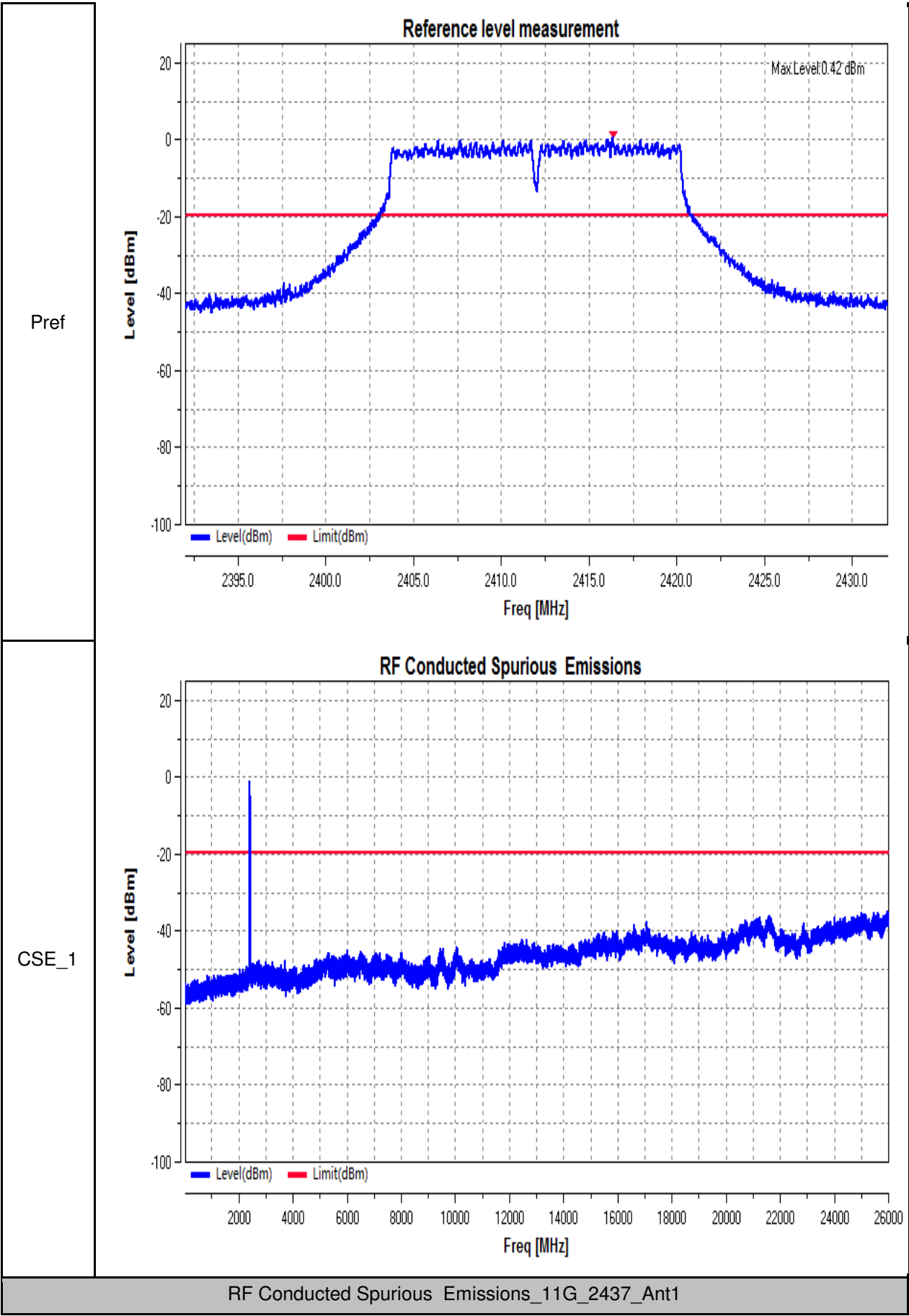
5.RF Conducted Spurious Emissions

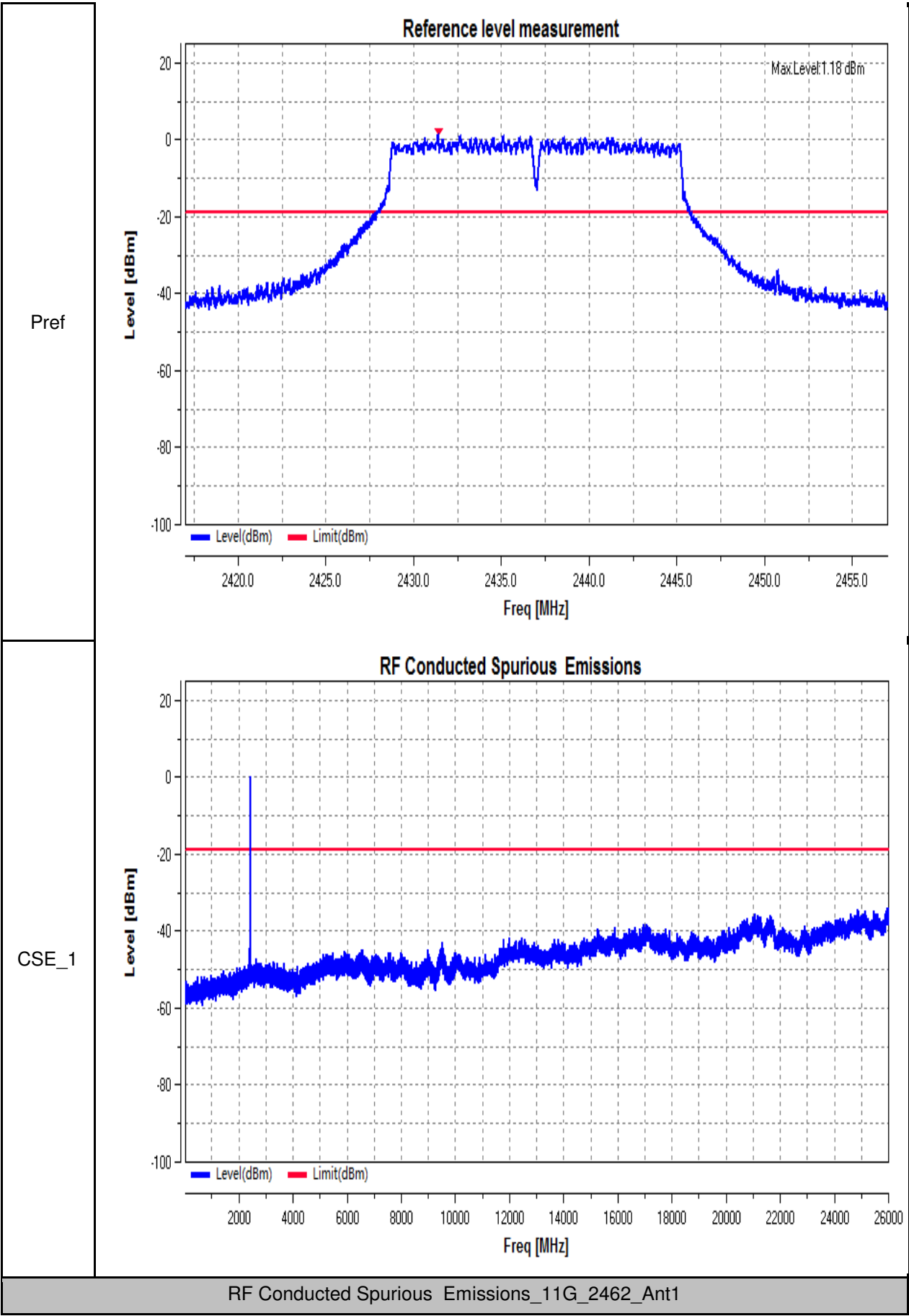
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	3.004	-45.279	-16.996	PASS
11B	2412	Ant1	10000	26000	100	300	3.004	-34.711	-16.996	PASS
11B	2437	Ant1	30	10000	100	300	3.994	-44.550	-16.006	PASS
11B	2437	Ant1	10000	26000	100	300	3.994	-32.979	-16.006	PASS
11B	2462	Ant1	30	10000	100	300	3.695	-44.551	-16.305	PASS
11B	2462	Ant1	10000	26000	100	300	3.695	-34.412	-16.305	PASS
11G	2412	Ant1	30	10000	100	300	0.416	-44.495	-19.584	PASS
11G	2412	Ant1	10000	26000	100	300	0.416	-34.615	-19.584	PASS
11G	2437	Ant1	30	10000	100	300	1.178	-43.011	-18.822	PASS
11G	2437	Ant1	10000	26000	100	300	1.178	-33.926	-18.822	PASS
11G	2462	Ant1	30	10000	100	300	1.401	-44.540	-18.599	PASS
11G	2462	Ant1	10000	26000	100	300	1.401	-34.123	-18.599	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.7	-44.321	-20.7	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.7	-34.066	-20.7	PASS
11N20SISO	2437	Ant1	30	10000	100	300	0.225	-44.156	-19.775	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	0.225	-33.880	-19.775	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-0.36	-44.214	-20.36	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-0.36	-34.621	-20.36	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-1.602	-45.093	-21.602	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-1.602	-34.500	-21.602	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-1.879	-44.558	-21.879	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-1.879	-34.016	-21.879	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-1.829	-43.890	-21.829	PASS
11N40SISO	2452	Ant1	10000	26000	100	300	-1.829	-34.528	-21.829	PASS

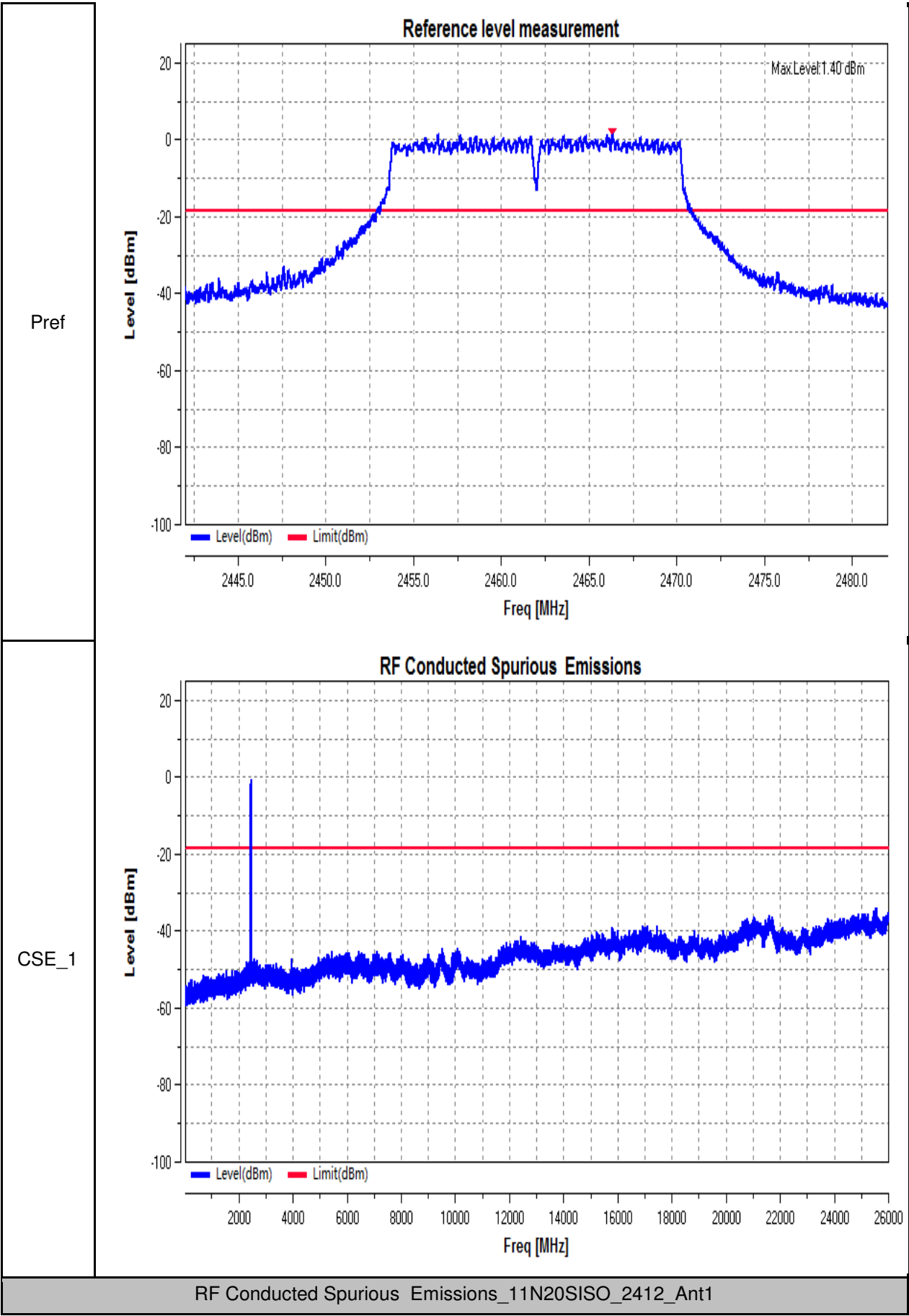




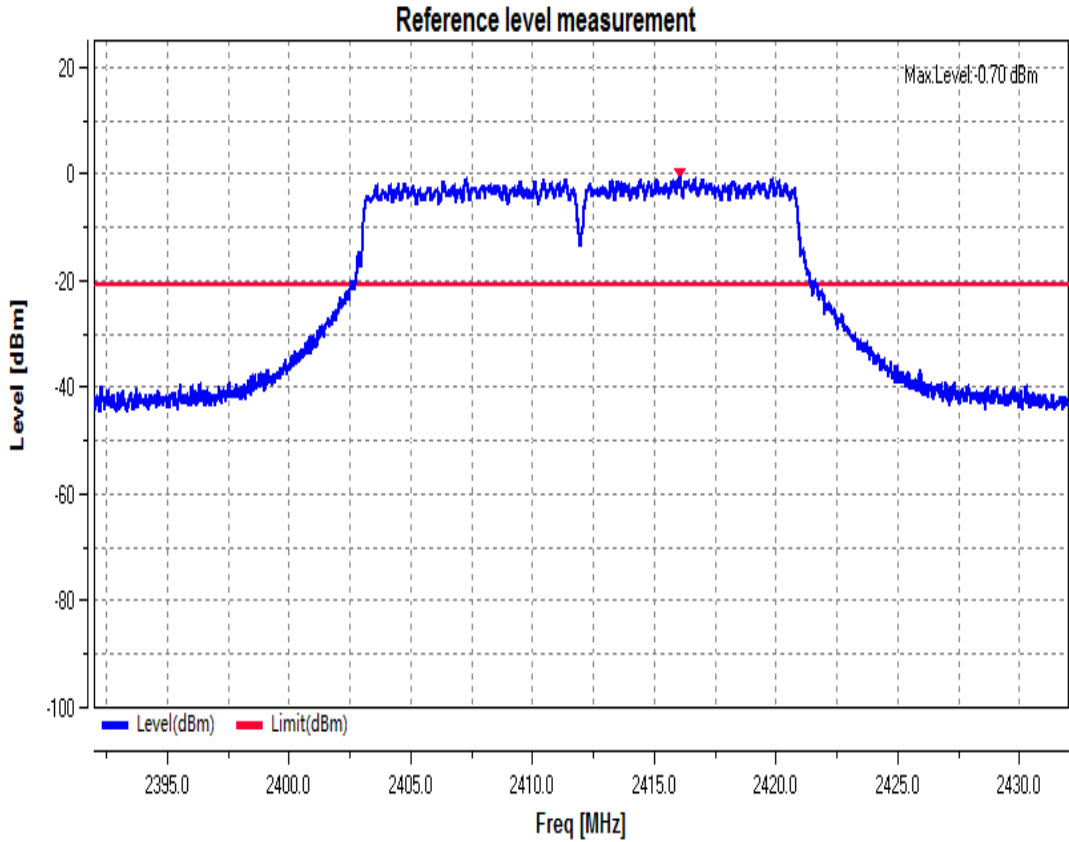




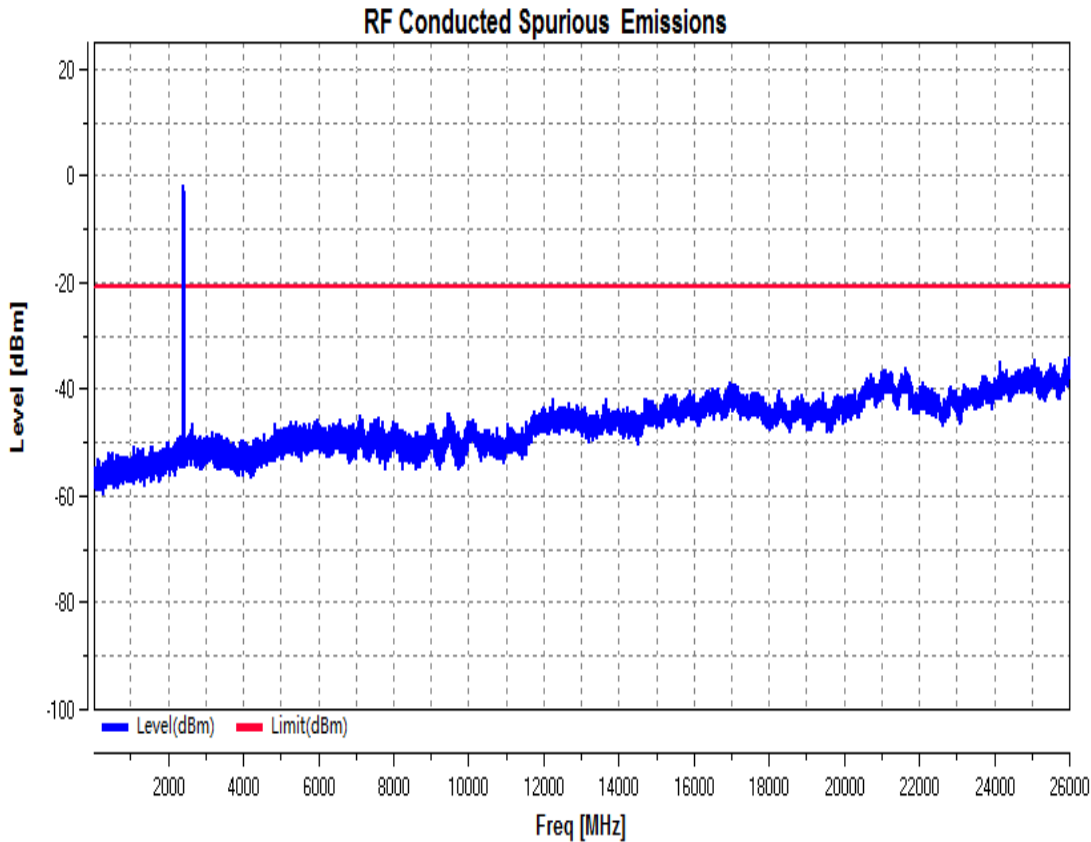




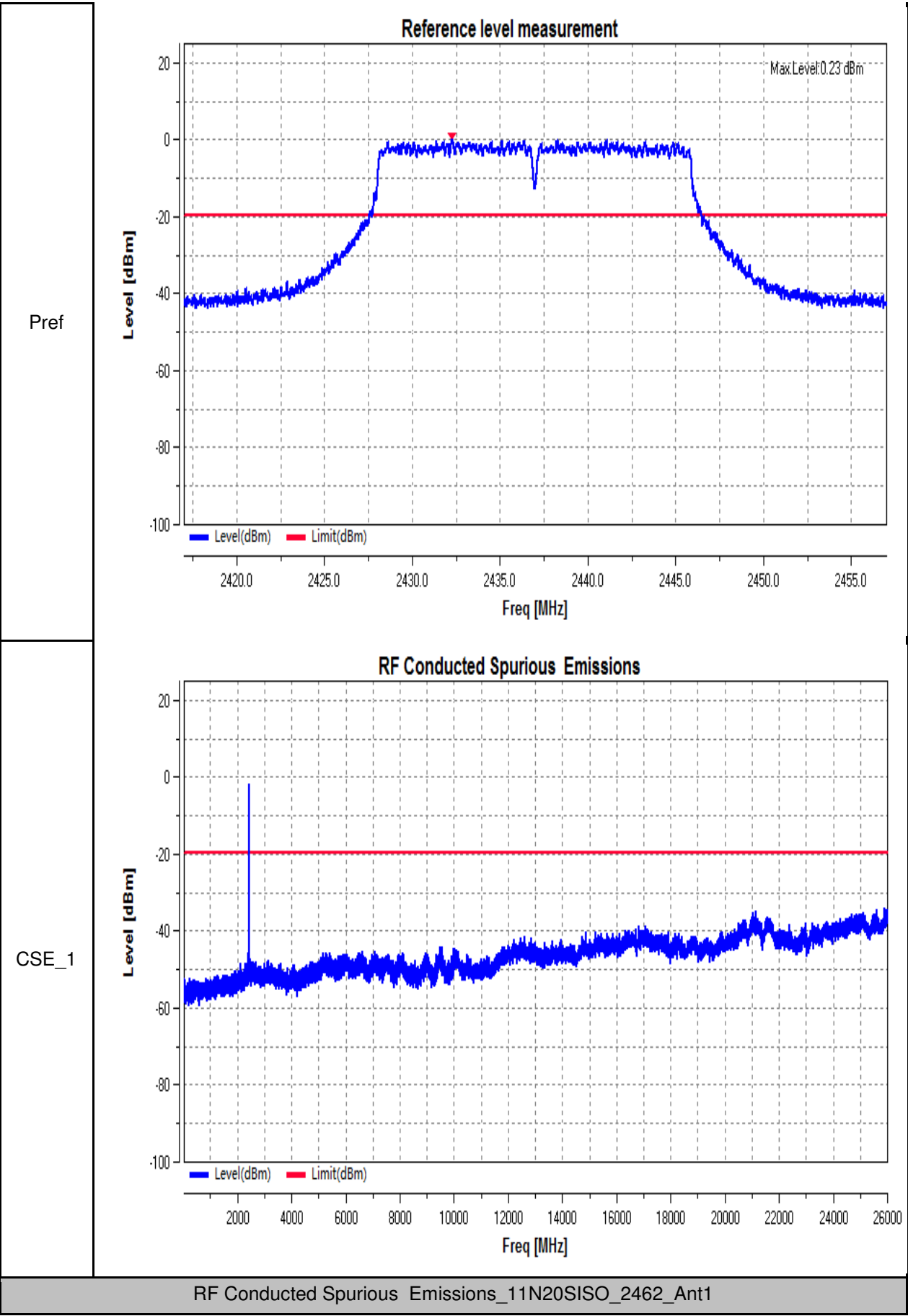
Pref

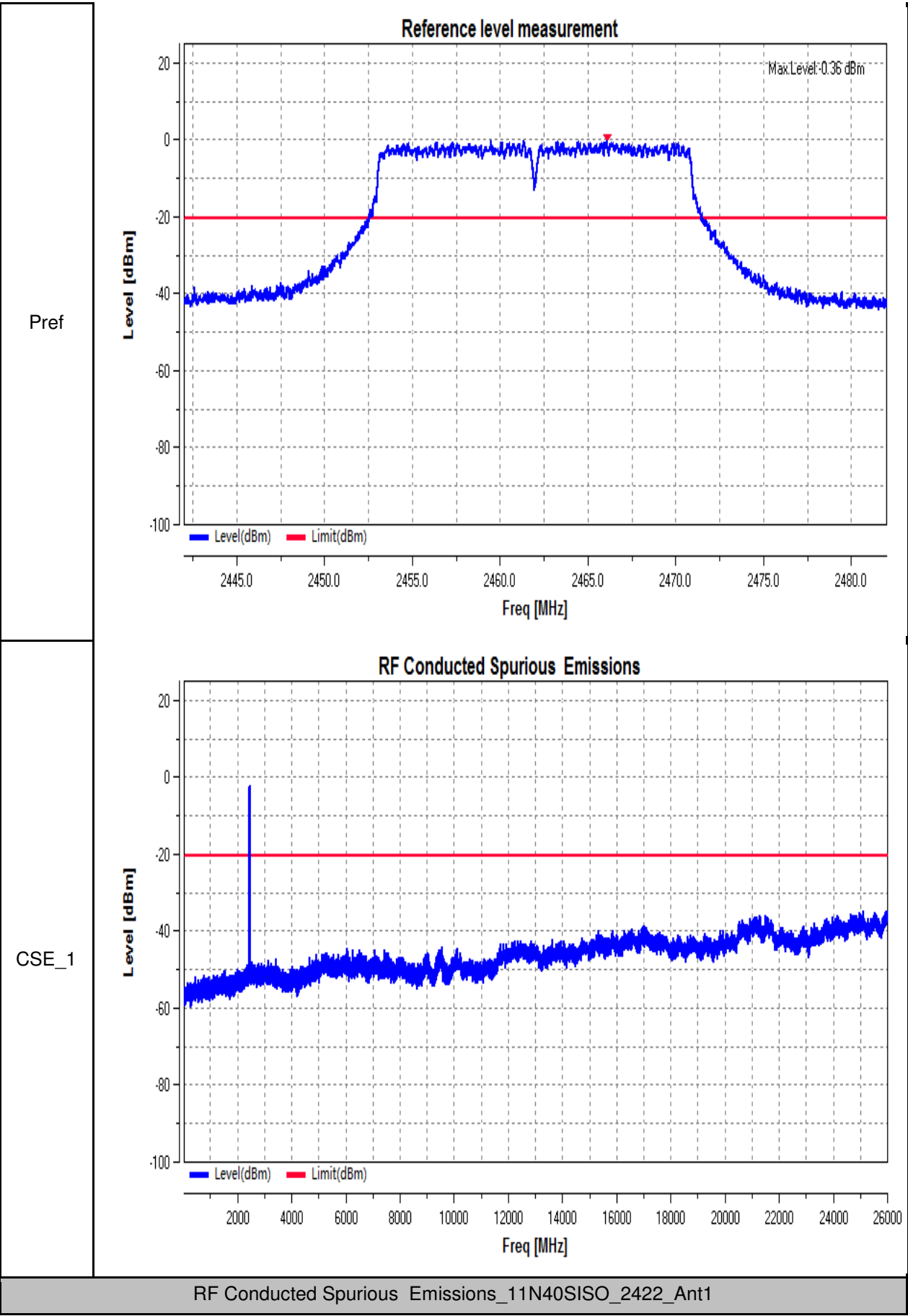


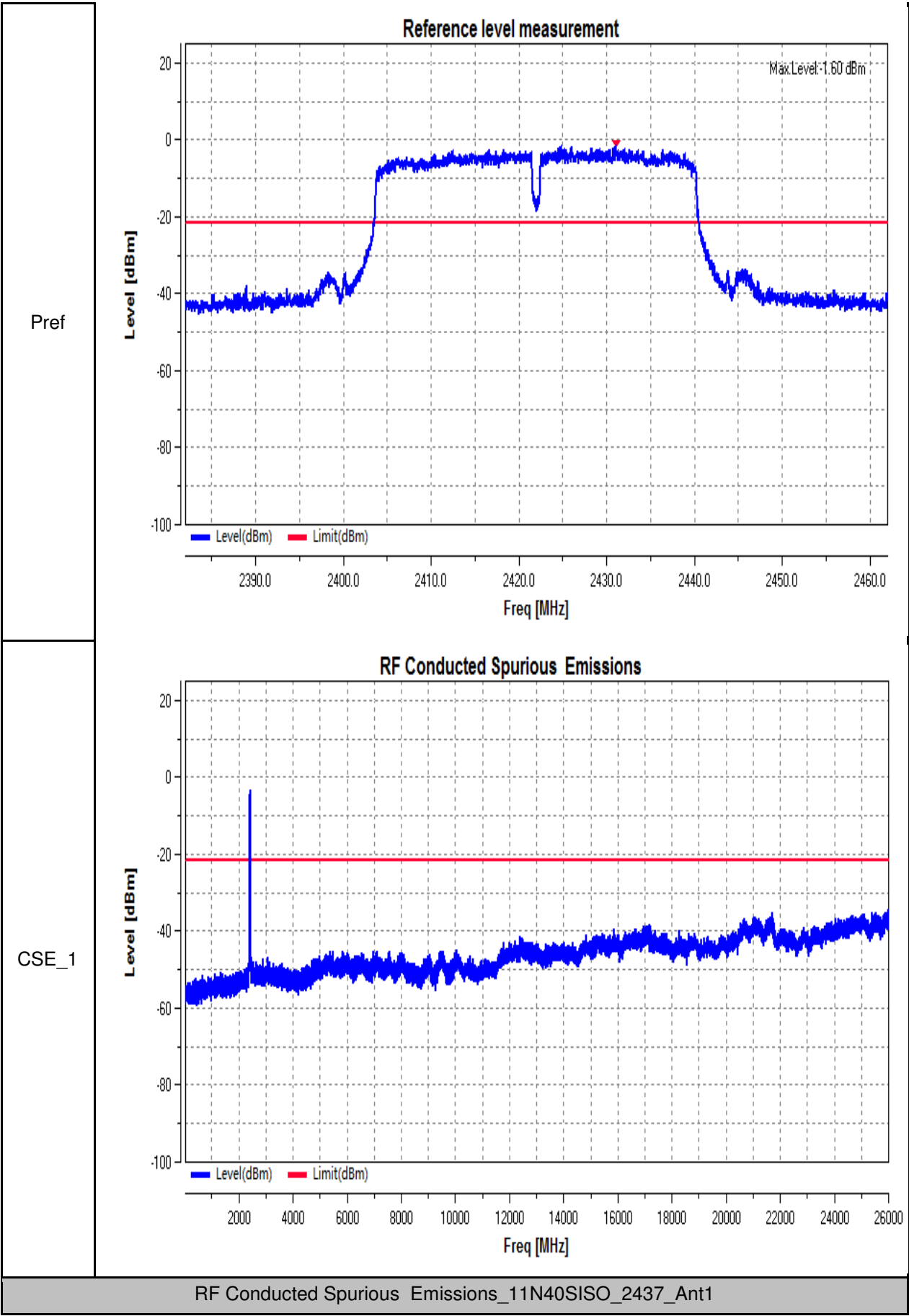
CSE_1

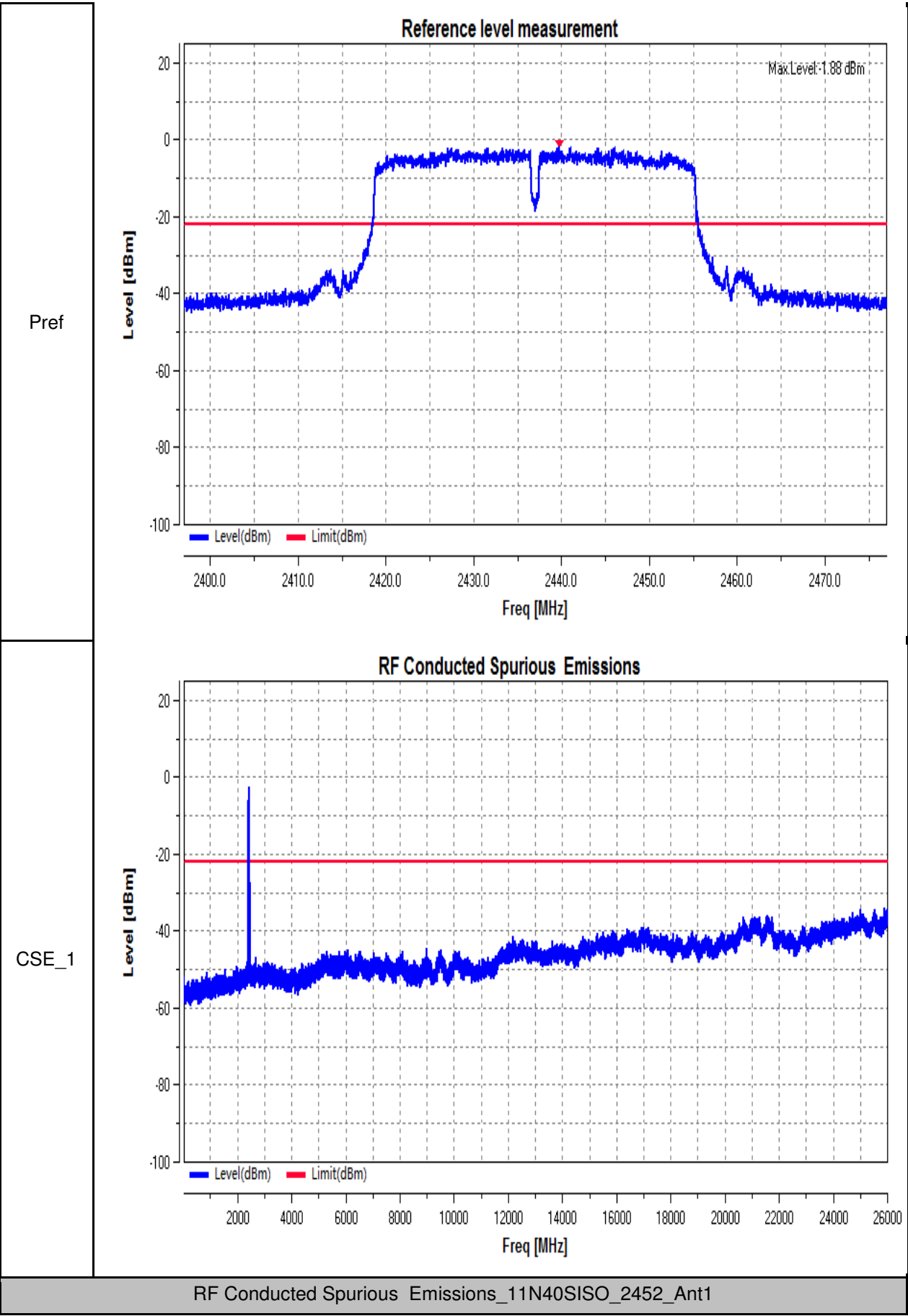


RF Conducted Spurious Emissions_11N20SISO_2437_Ant1

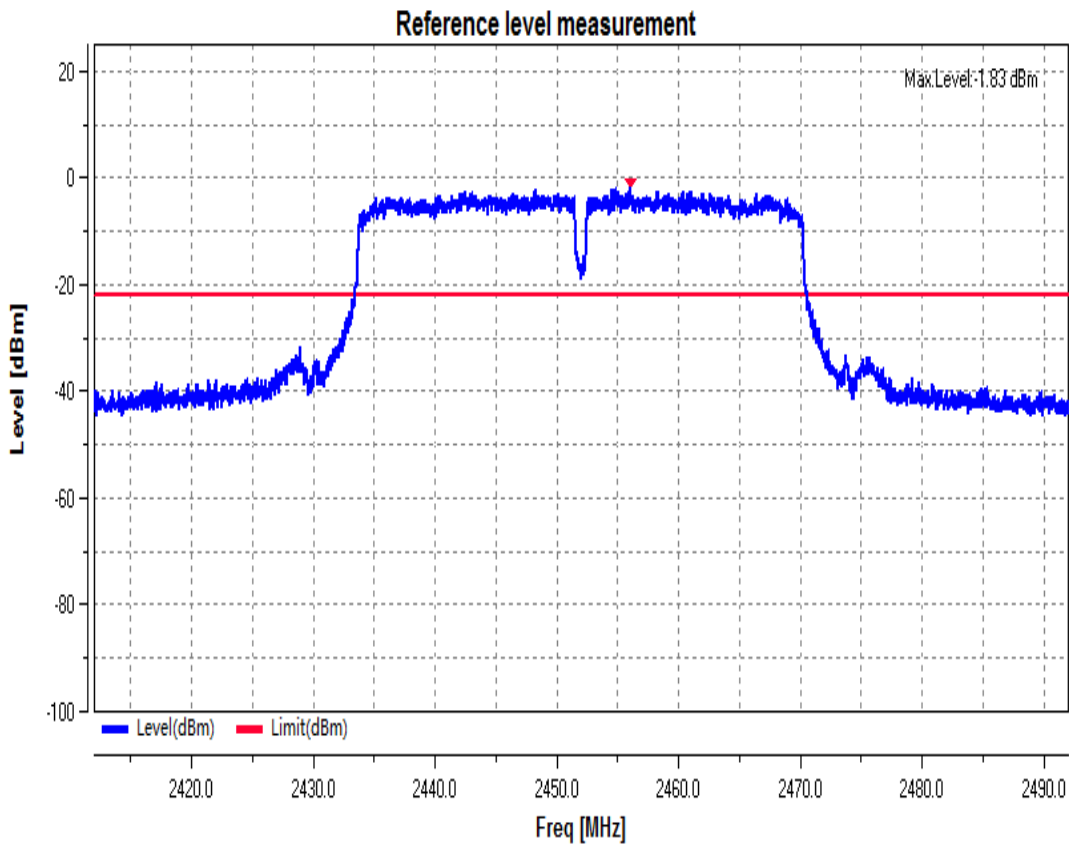








Pref



CSE_1

