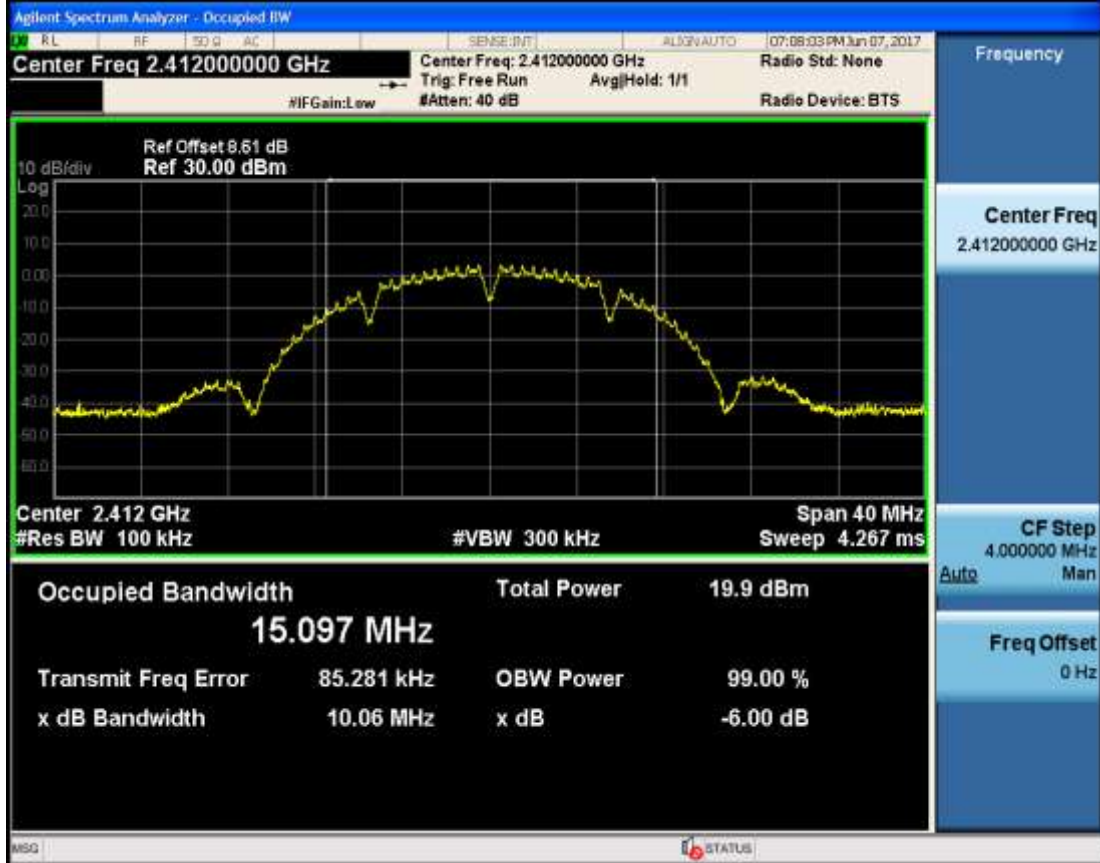

Appendix A for SHEM160900614401**1.6dB Bandwidth**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	10.06	0.5	PASS
11B	2437	Ant1	10.06	0.5	PASS
11B	2462	Ant1	10.06	0.5	PASS
11G	2412	Ant1	16.53	0.5	PASS
11G	2437	Ant1	16.54	0.5	PASS
11G	2462	Ant1	16.55	0.5	PASS
11N20SISO	2412	Ant1	17.81	0.5	PASS
11N20SISO	2437	Ant1	17.81	0.5	PASS
11N20SISO	2462	Ant1	17.81	0.5	PASS
11N40SISO	2422	Ant1	36.39	0.5	PASS
11N40SISO	2437	Ant1	36.40	0.5	PASS
11N40SISO	2452	Ant1	36.43	0.5	PASS

TEST PLOT

6dB Bandwidth_11B_2412_Ant1



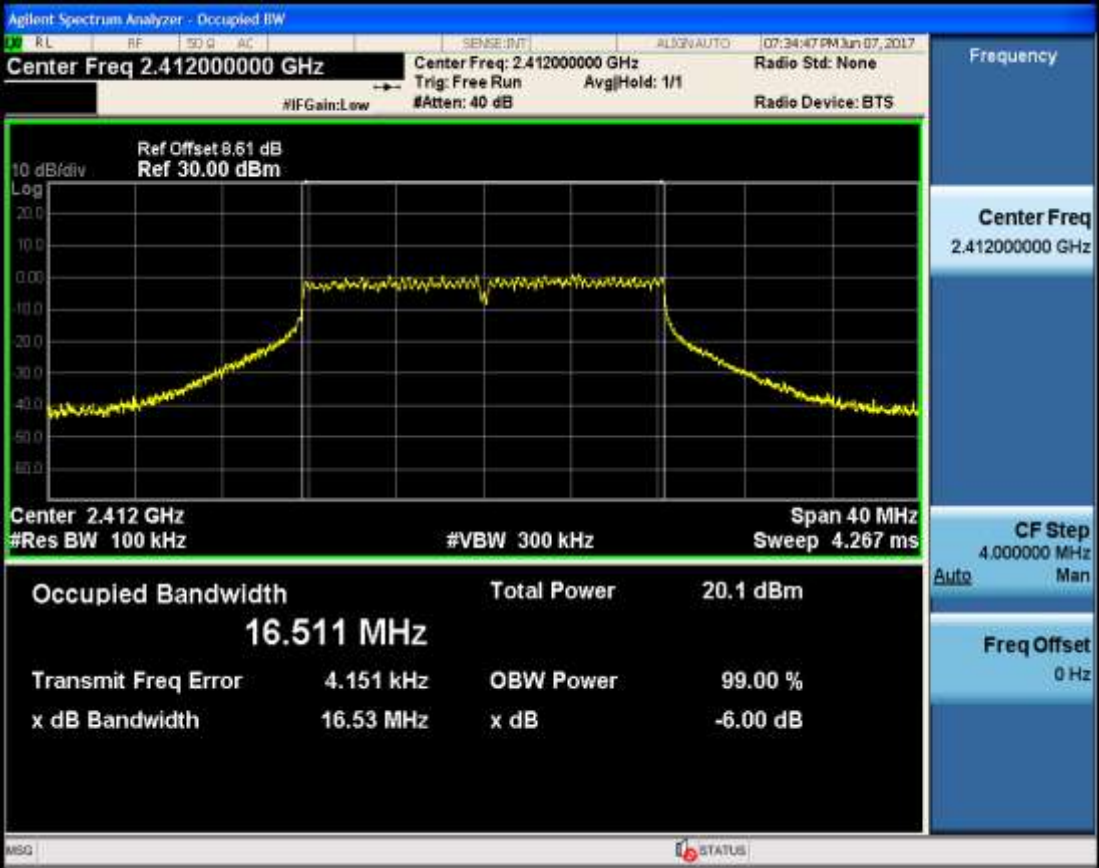
6dB Bandwidth_11B_2437_Ant1



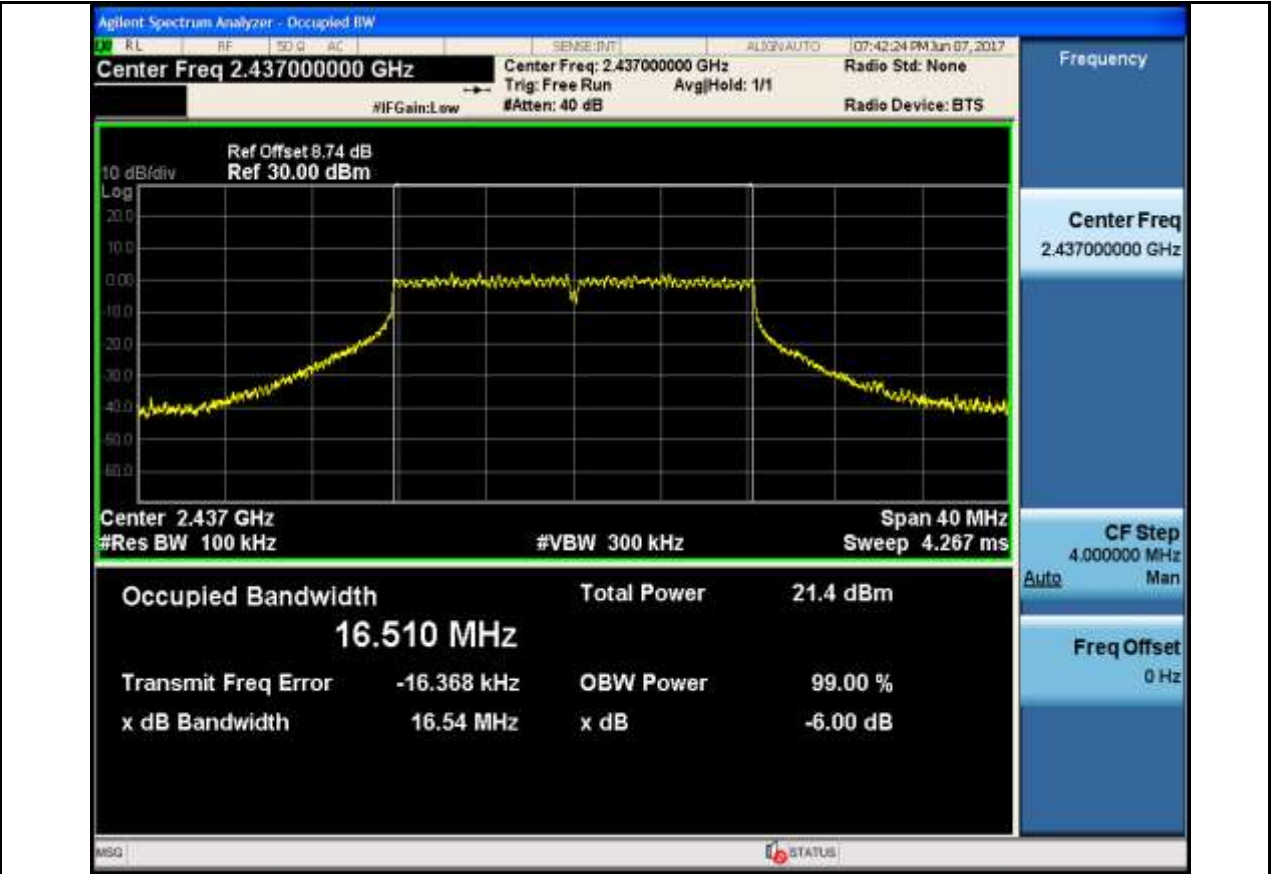
6dB Bandwidth_11B_2462_Ant1



6dB Bandwidth_11G_2412_Ant1



6dB Bandwidth_11G_2437_Ant1



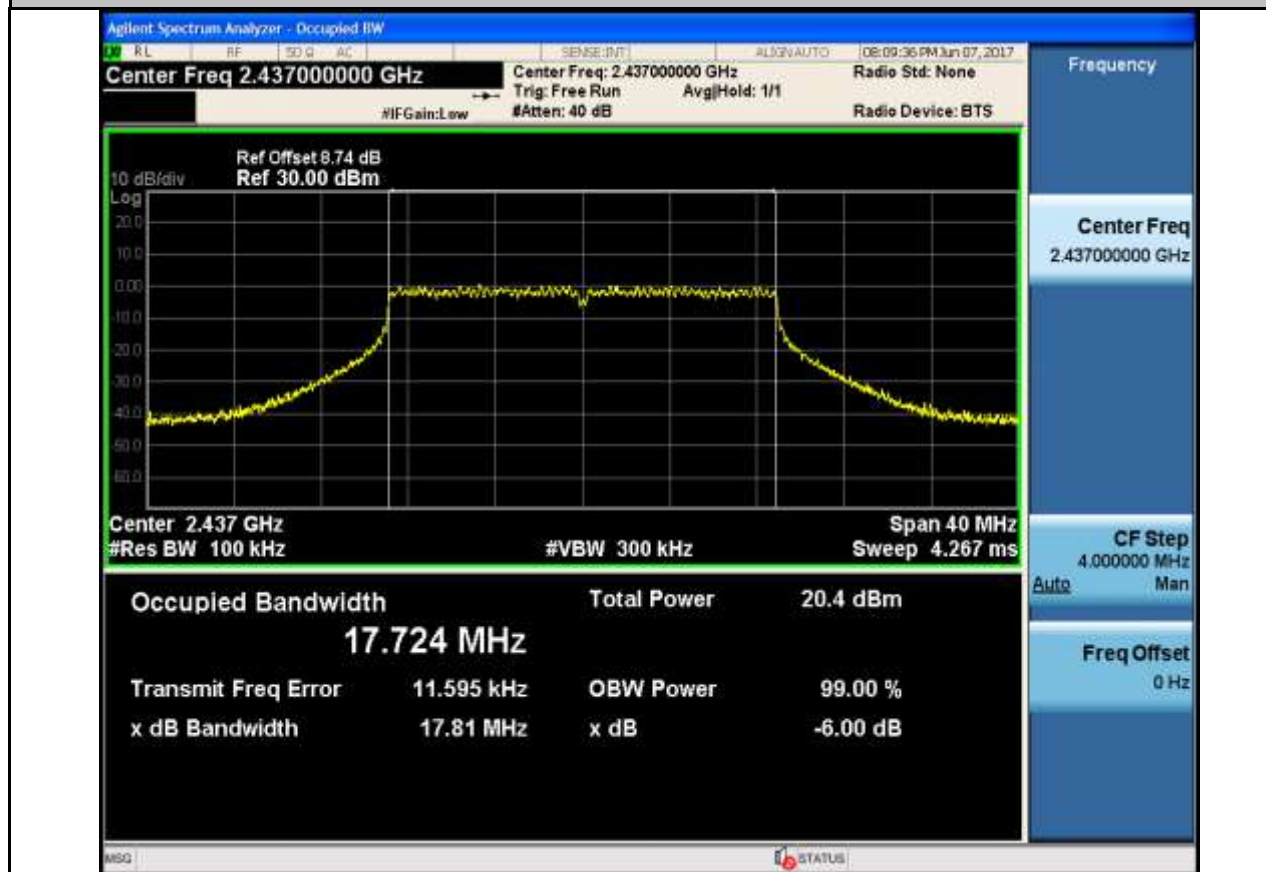
6dB Bandwidth_11G_2462_Ant1



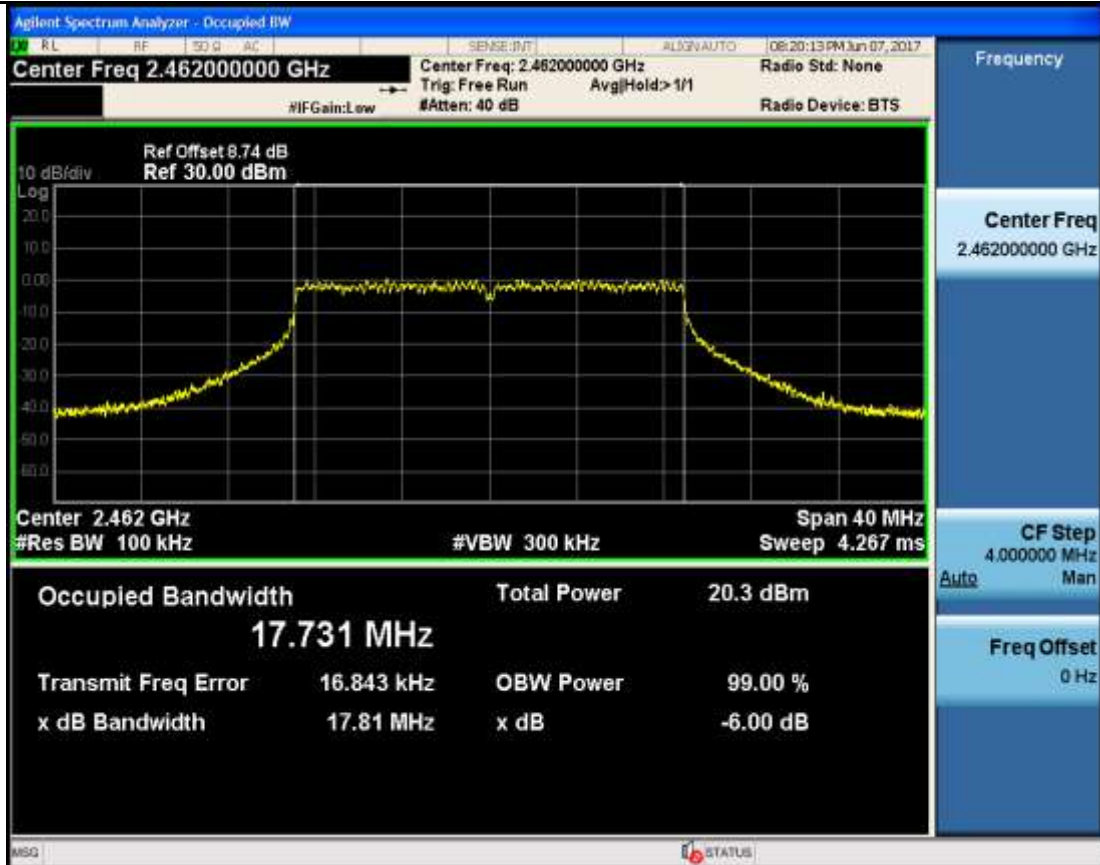
6dB Bandwidth_11N20SISO_2412_Ant1



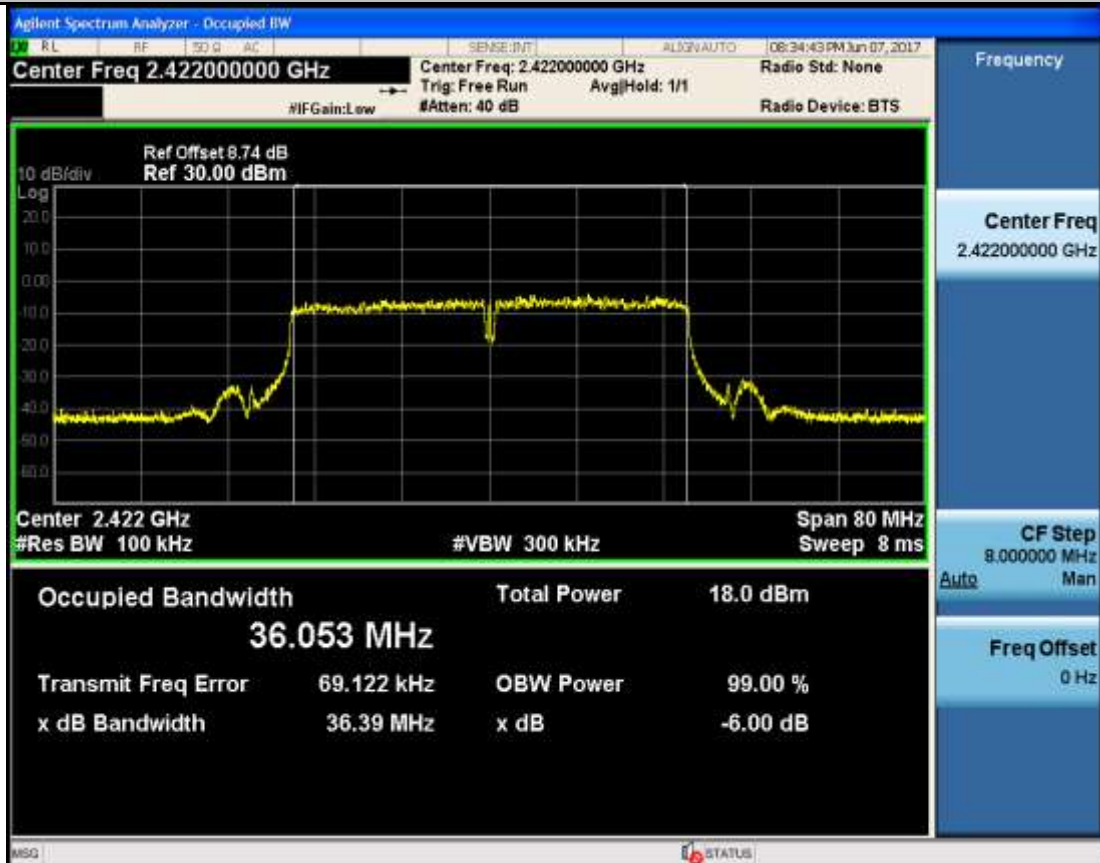
6dB Bandwidth_11N20SISO_2437_Ant1



6dB Bandwidth_11N20SISO_2462_Ant1



6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1

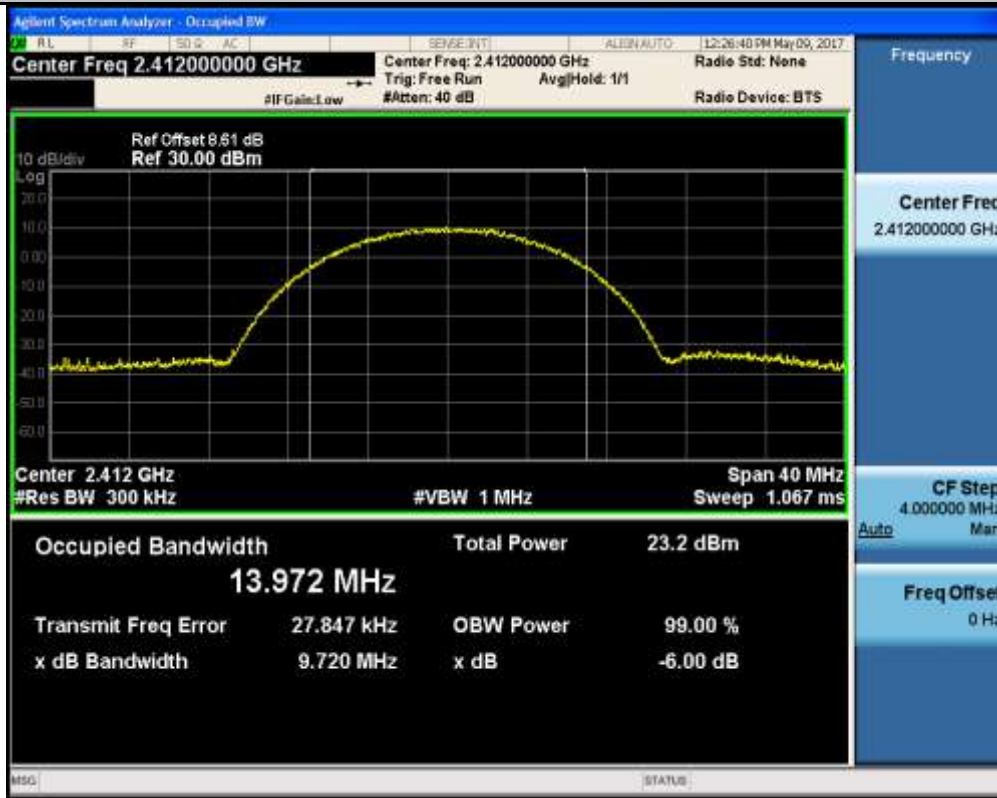


2. 99% Occupied Bandwidth

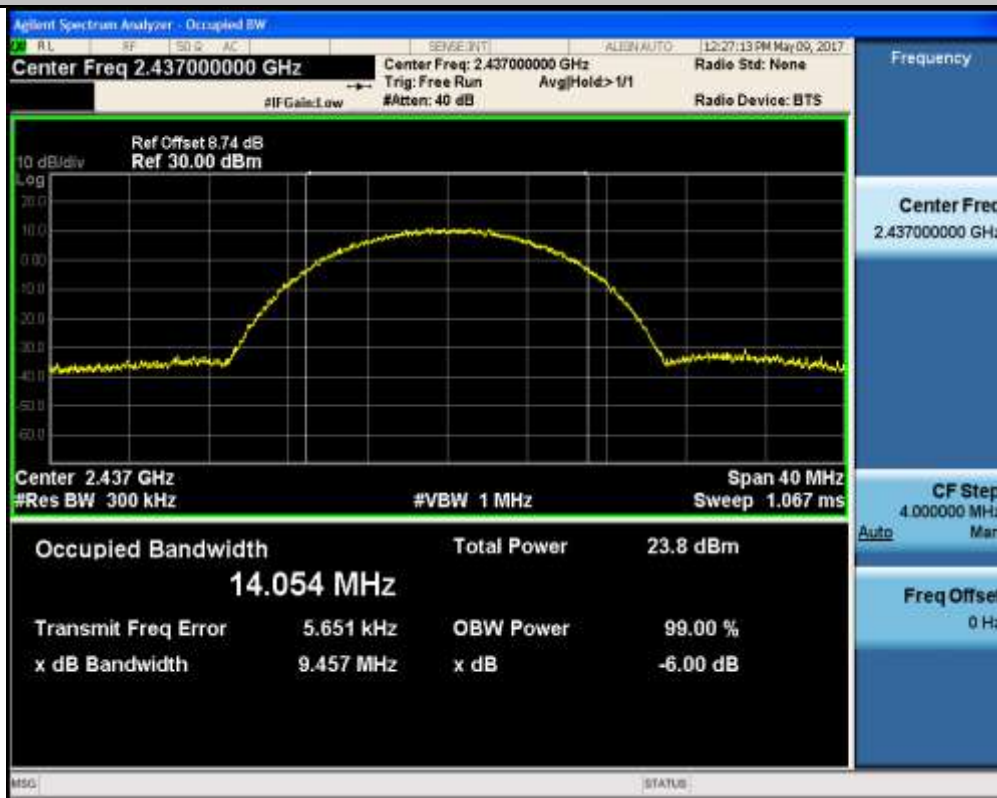
Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	13.972	---	PASS
11B	2437	Ant1	14.054	---	PASS
11B	2462	Ant1	13.946	---	PASS
11G	2412	Ant1	16.474	---	PASS
11G	2437	Ant1	16.503	---	PASS
11G	2462	Ant1	16.444	---	PASS
11N20SISO	2412	Ant1	17.609	---	PASS
11N20SISO	2437	Ant1	17.588	---	PASS
11N20SISO	2462	Ant1	17.568	---	PASS
11N40SISO	2422	Ant1	36.099	---	PASS
11N40SISO	2437	Ant1	36.172	---	PASS
11N40SISO	2452	Ant1	36.050	---	PASS

TEST PLOT

Occupied Bandwidth_11B_2412_Ant1



Occupied Bandwidth_11B_2437_Ant1



Occupied Bandwidth_11B_2462_Ant1



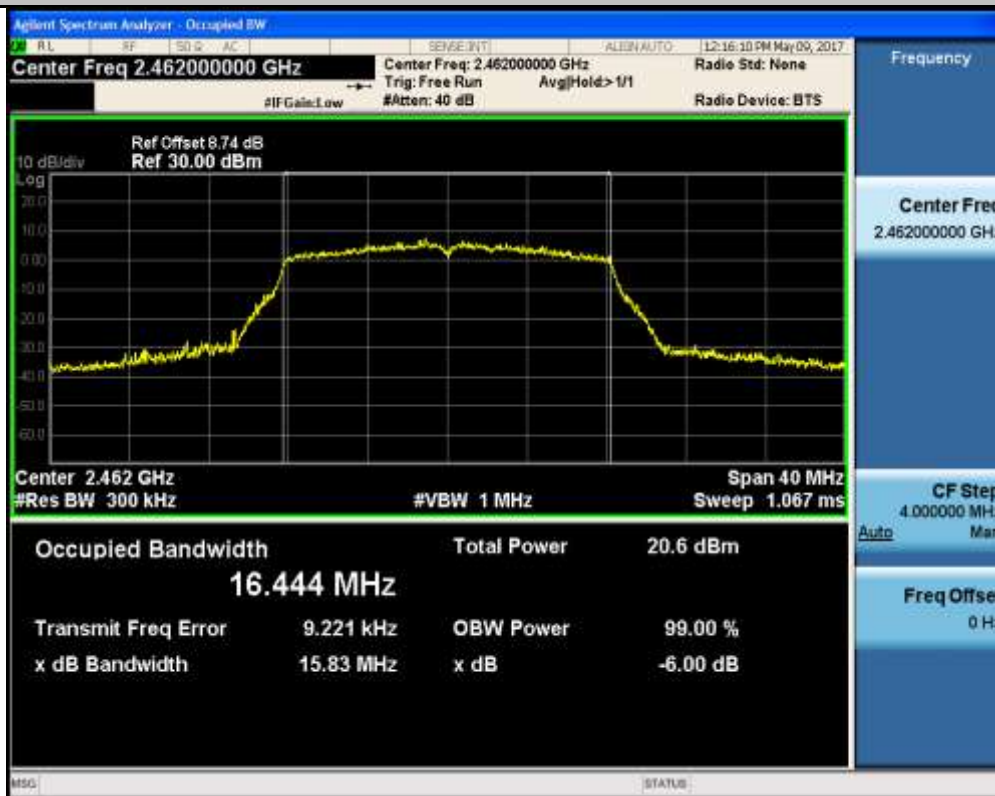
Occupied Bandwidth_11G_2412_Ant1



Occupied Bandwidth_11G_2437_Ant1



Occupied Bandwidth_11G_2462_Ant1



Occupied Bandwidth_11N20SISO_2412_Ant1



Occupied Bandwidth_11N20SISO_2437_Ant1



Occupied Bandwidth_11N20SISO_2462_Ant1



Occupied Bandwidth_11N40SISO_2422_Ant1



Occupied Bandwidth_11N40SISO_2437_Ant1



Occupied Bandwidth_11N40SISO_2452_Ant1



3.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	15.87	30	PASS
11B	2437	Ant1	17.18	30	PASS
11B	2462	Ant1	16.94	30	PASS
11G	2412	Ant1	21.74	30	PASS
11G	2437	Ant1	22.95	30	PASS
11G	2462	Ant1	22.7	30	PASS
11N20SISO	2412	Ant1	20.7	30	PASS
11N20SISO	2437	Ant1	21.77	30	PASS
11N20SISO	2462	Ant1	21.67	30	PASS
11N40SISO	2422	Ant1	19.48	30	PASS
11N40SISO	2437	Ant1	19.83	30	PASS
11N40SISO	2452	Ant1	19.86	30	PASS

TEST PLOT

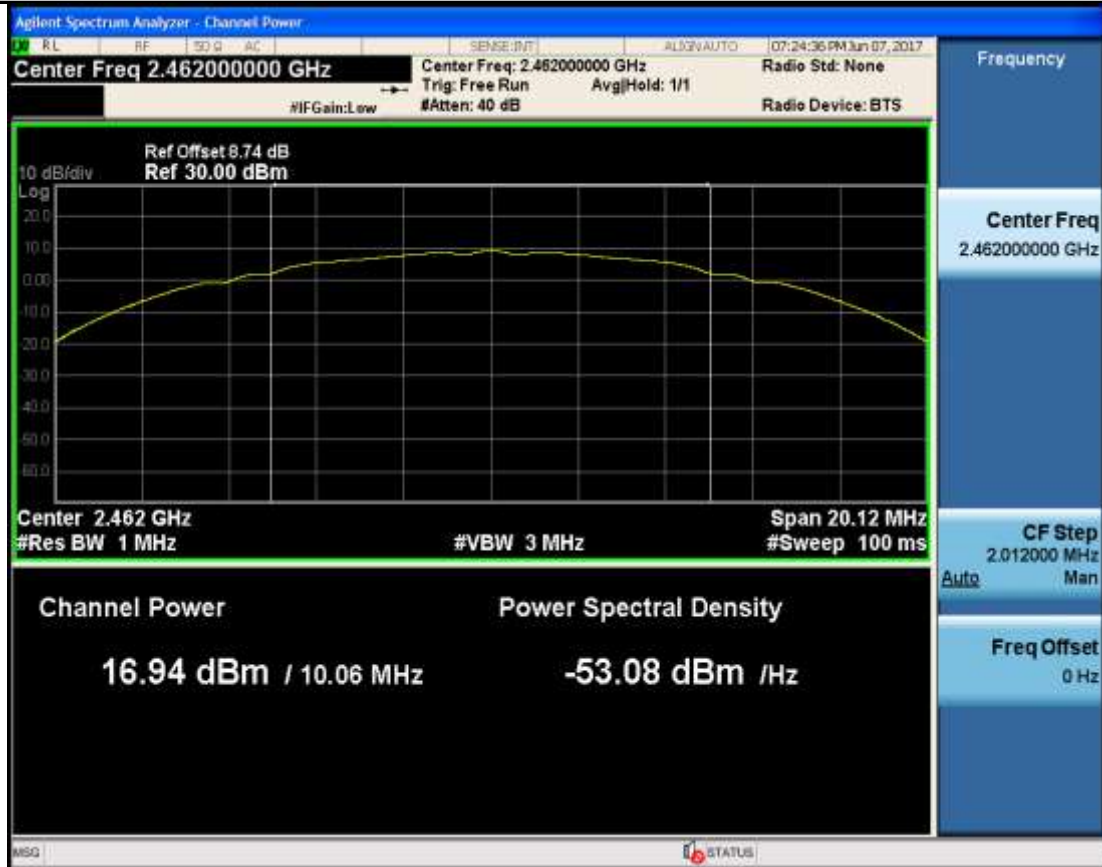
Maximum peak conducted output power_11B_2412_Ant1



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



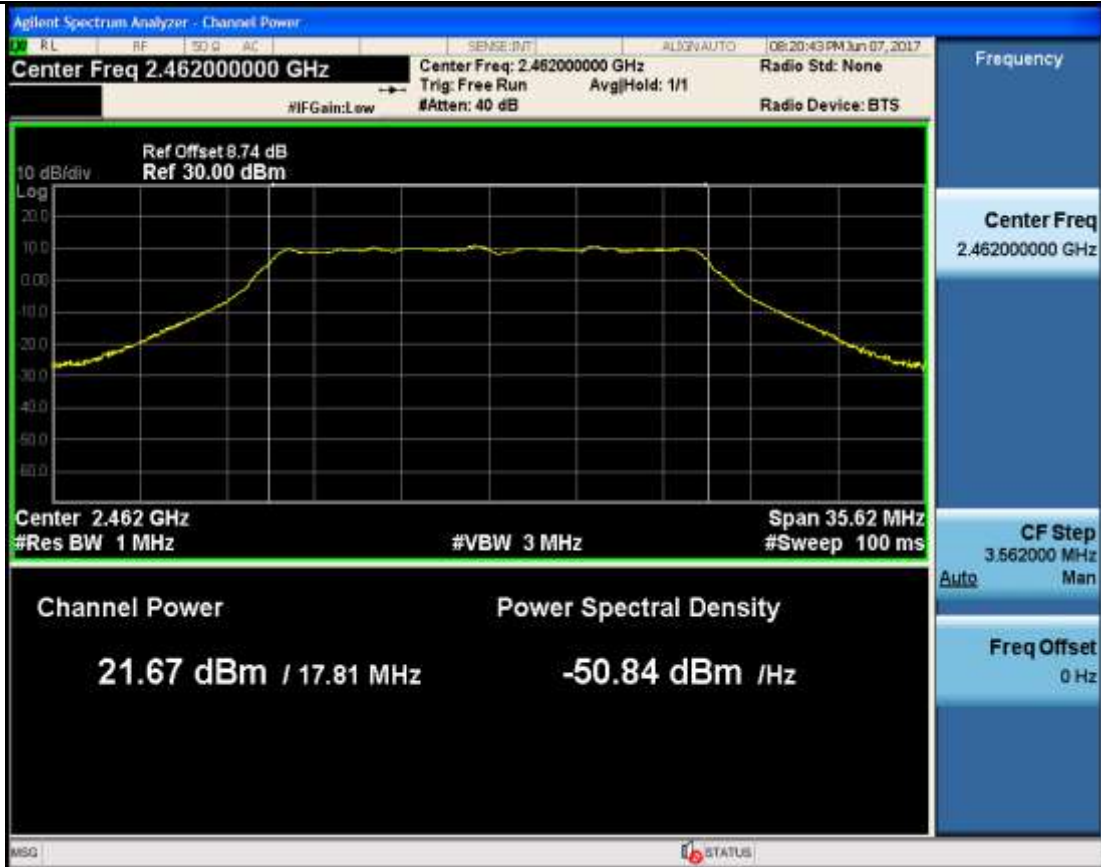
Maximum peak conducted output power_11N20SISO_2412_Ant1



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



4.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-16.596	8.00	PASS
11B	2437	Ant1	-15.359	8.00	PASS
11B	2462	Ant1	-15.549	8.00	PASS
11G	2412	Ant1	-8.434	8.00	PASS
11G	2437	Ant1	-7.152	8.00	PASS
11G	2462	Ant1	-7.386	8.00	PASS
11N20SISO	2412	Ant1	-8.411	8.00	PASS
11N20SISO	2437	Ant1	-7.093	8.00	PASS
11N20SISO	2462	Ant1	-7.258	8.00	PASS
11N40SISO	2422	Ant1	-7.642	8.00	PASS
11N40SISO	2437	Ant1	-7.181	8.00	PASS
11N40SISO	2452	Ant1	-7.472	8.00	PASS

TEST PLOT

Maximum Peak power spectral density_11B_2412_Ant1



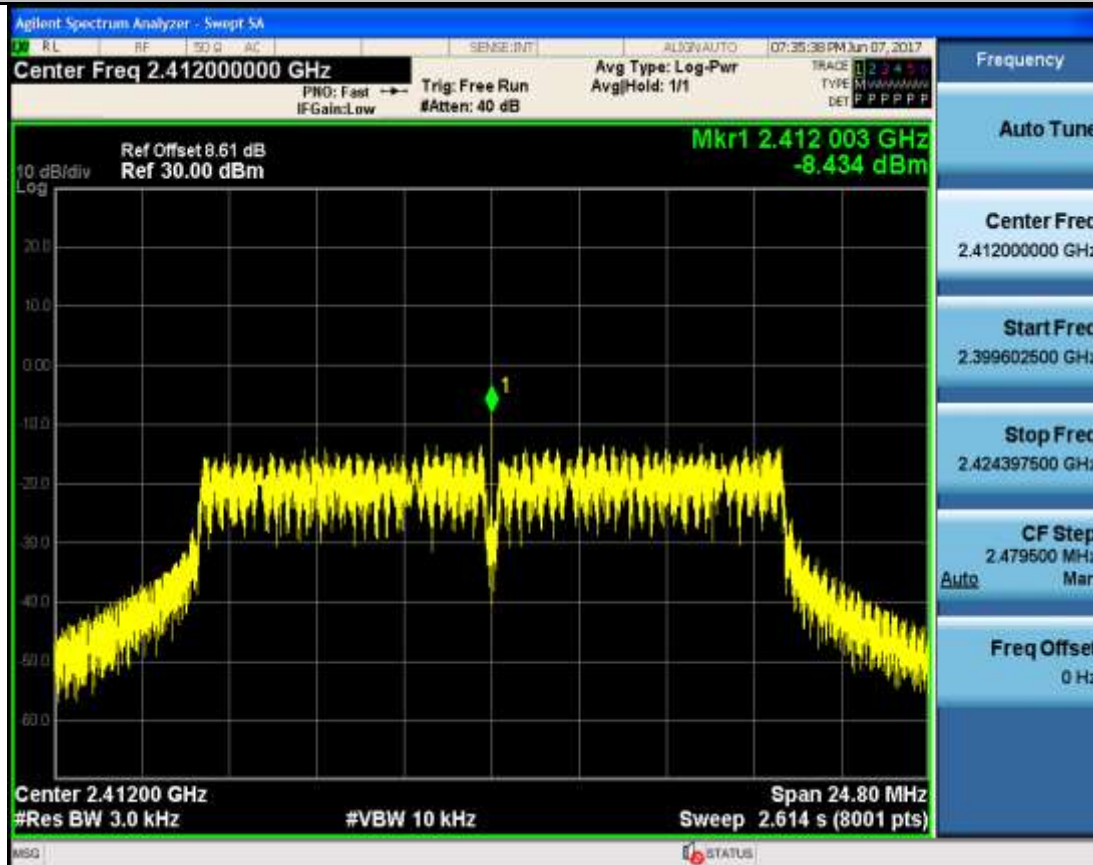
Maximum Peak power spectral density_11B_2437_Ant1



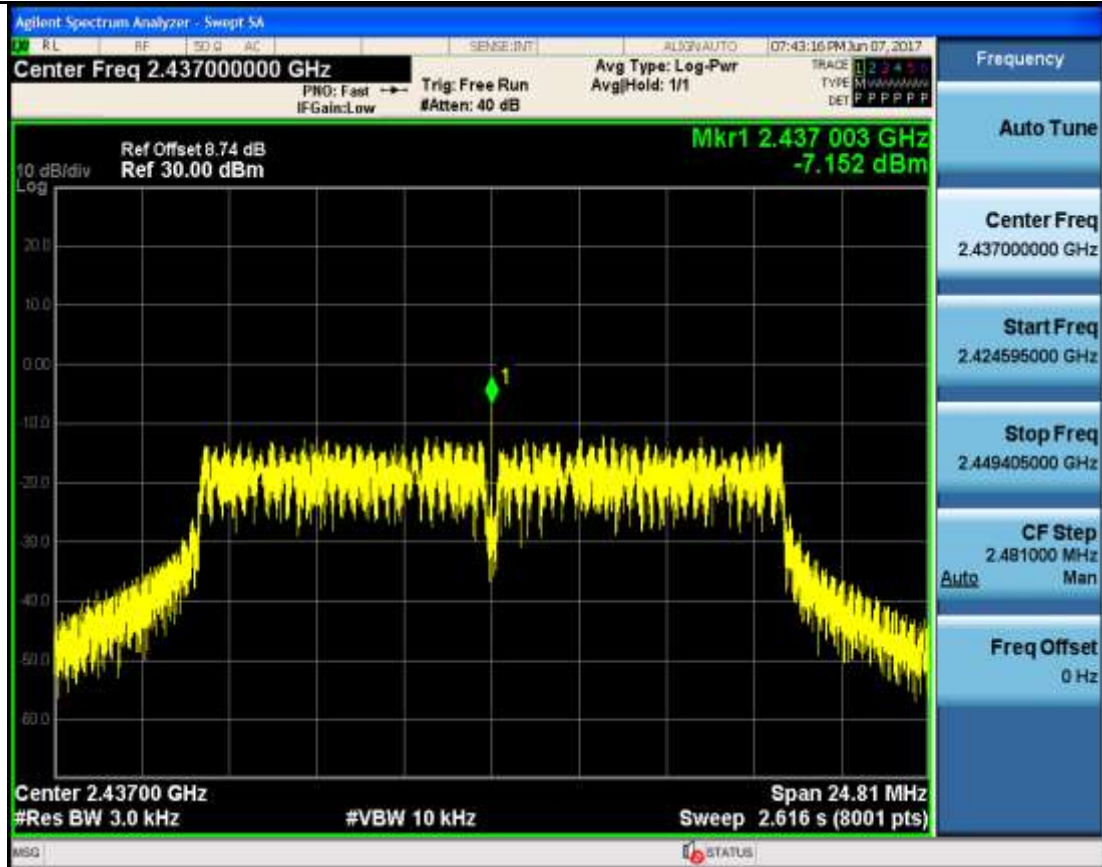
Maximum Peak power spectral density_11B_2462_Ant1



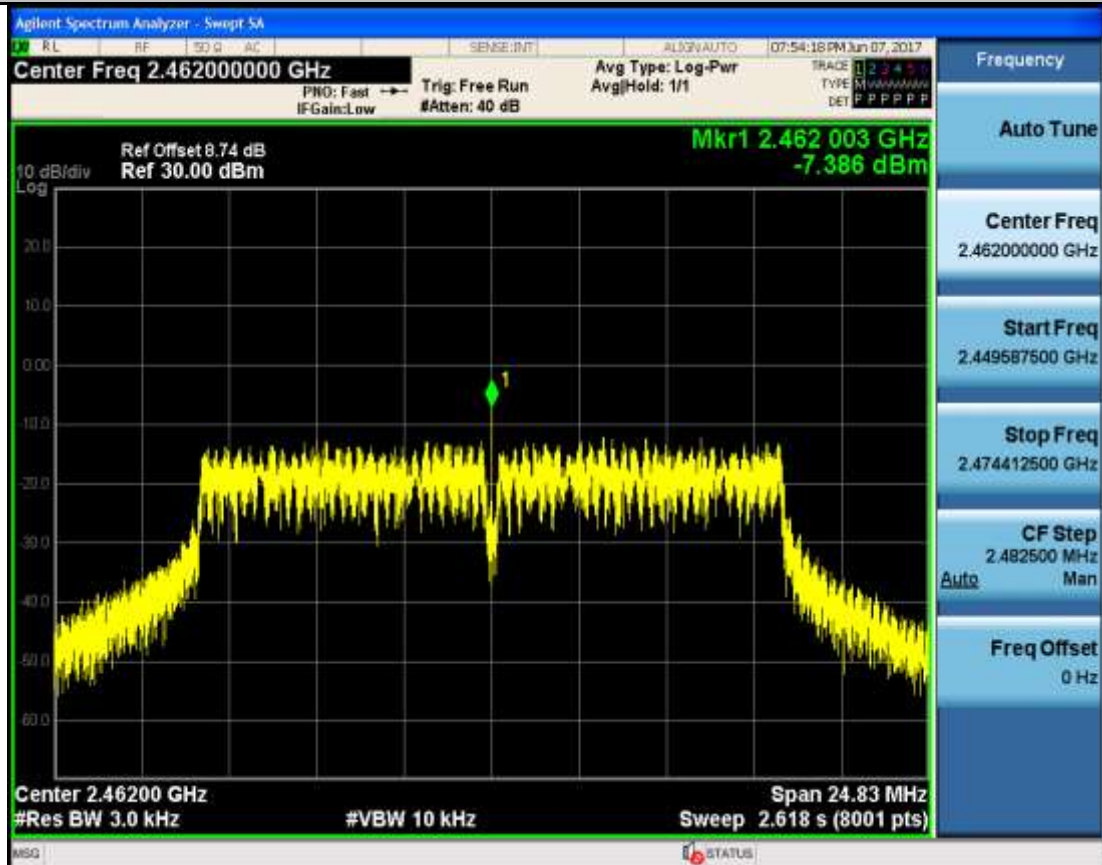
Maximum Peak power spectral density_11G_2412_Ant1



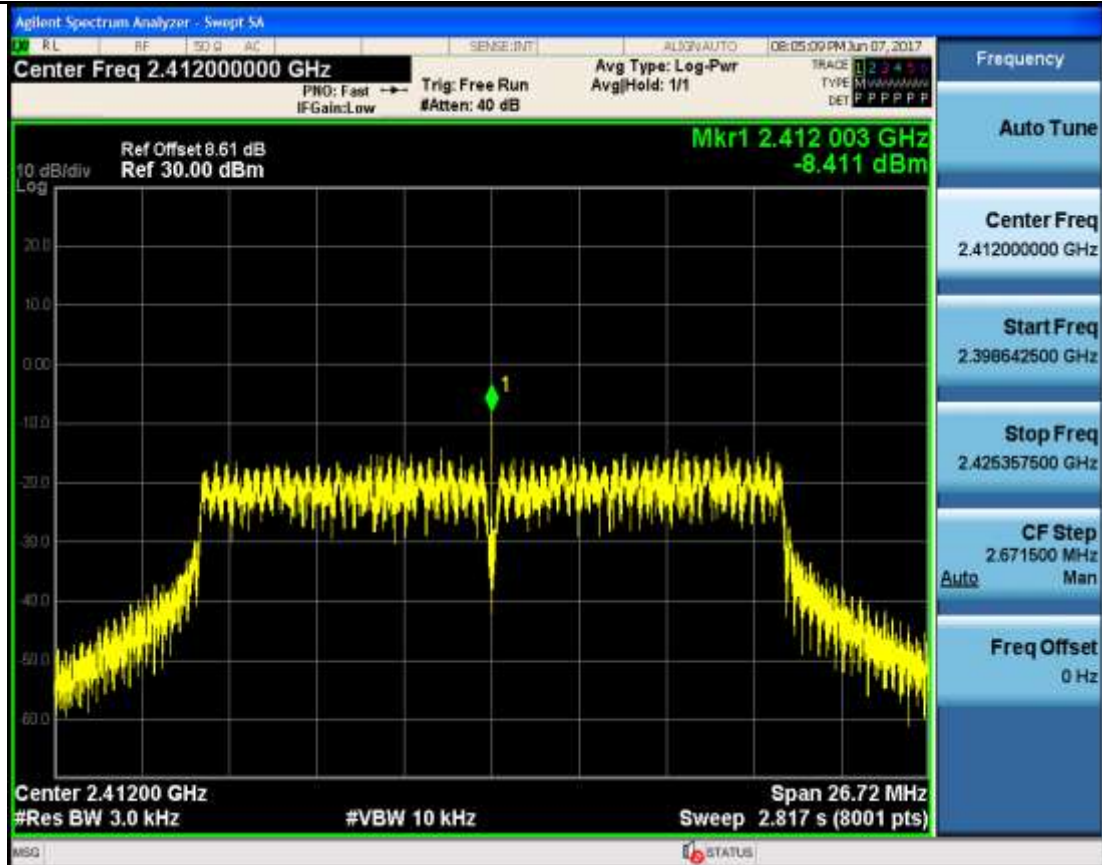
Maximum Peak power spectral density_11G_2437_Ant1



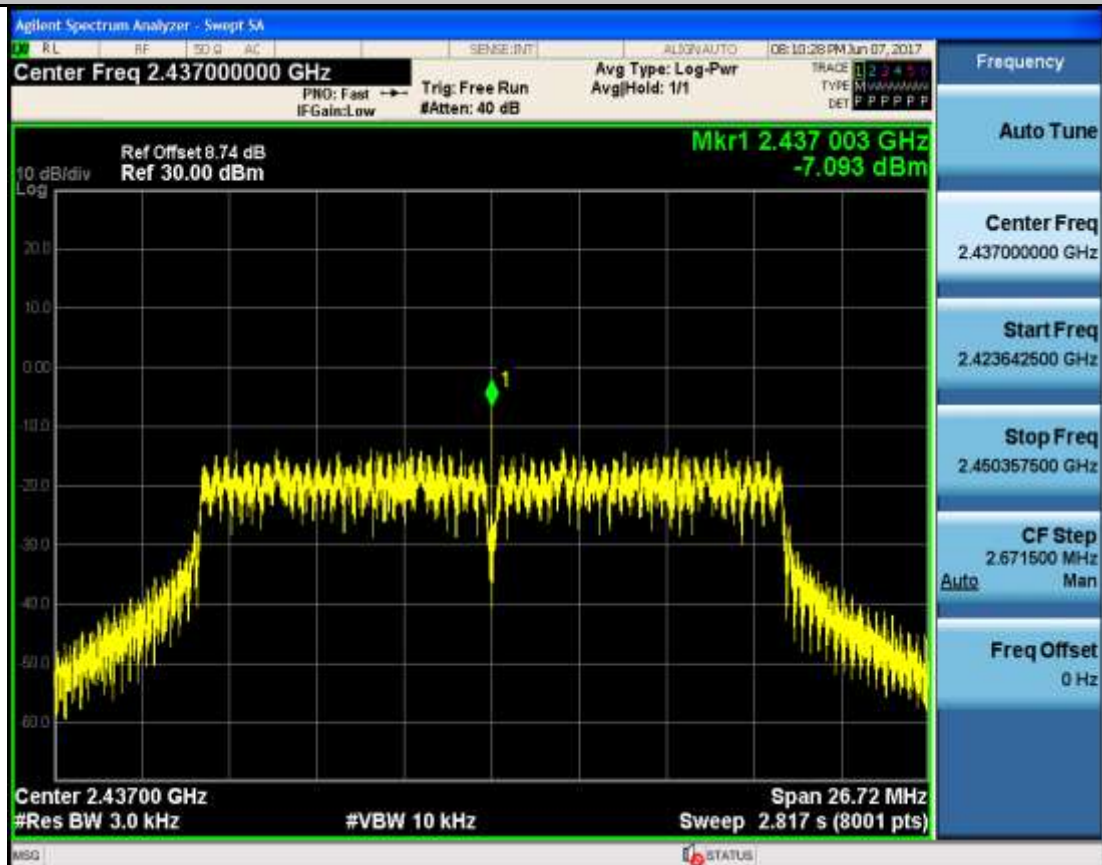
Maximum Peak power spectral density_11G_2462_Ant1



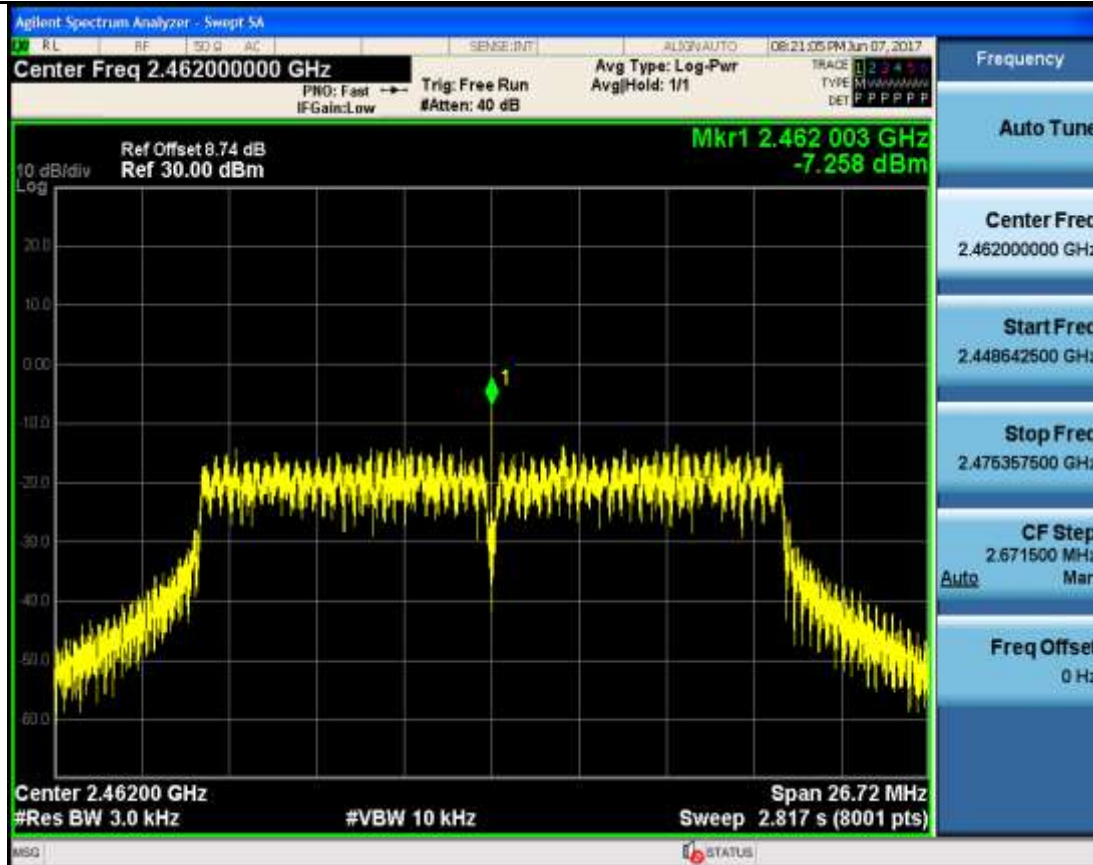
Maximum Peak power spectral density_11N20SISO_2412_Ant1



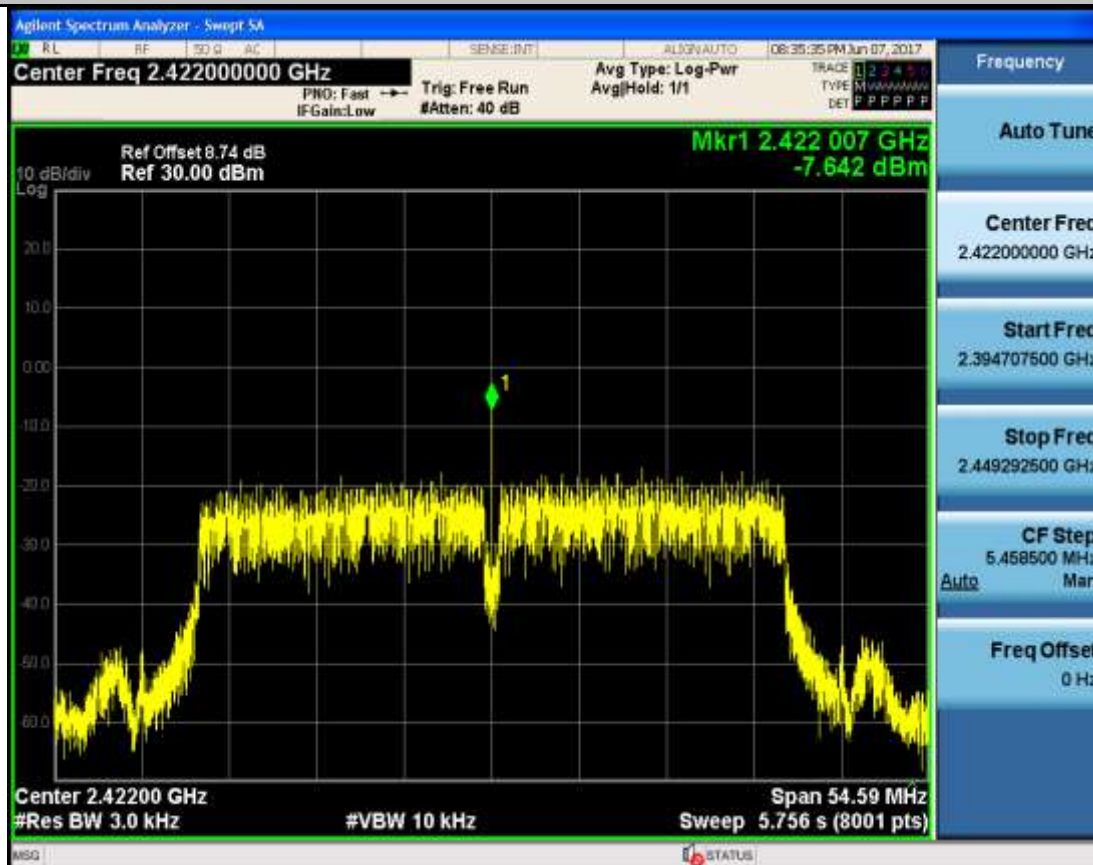
Maximum Peak power spectral density_11N20SISO_2437_Ant1



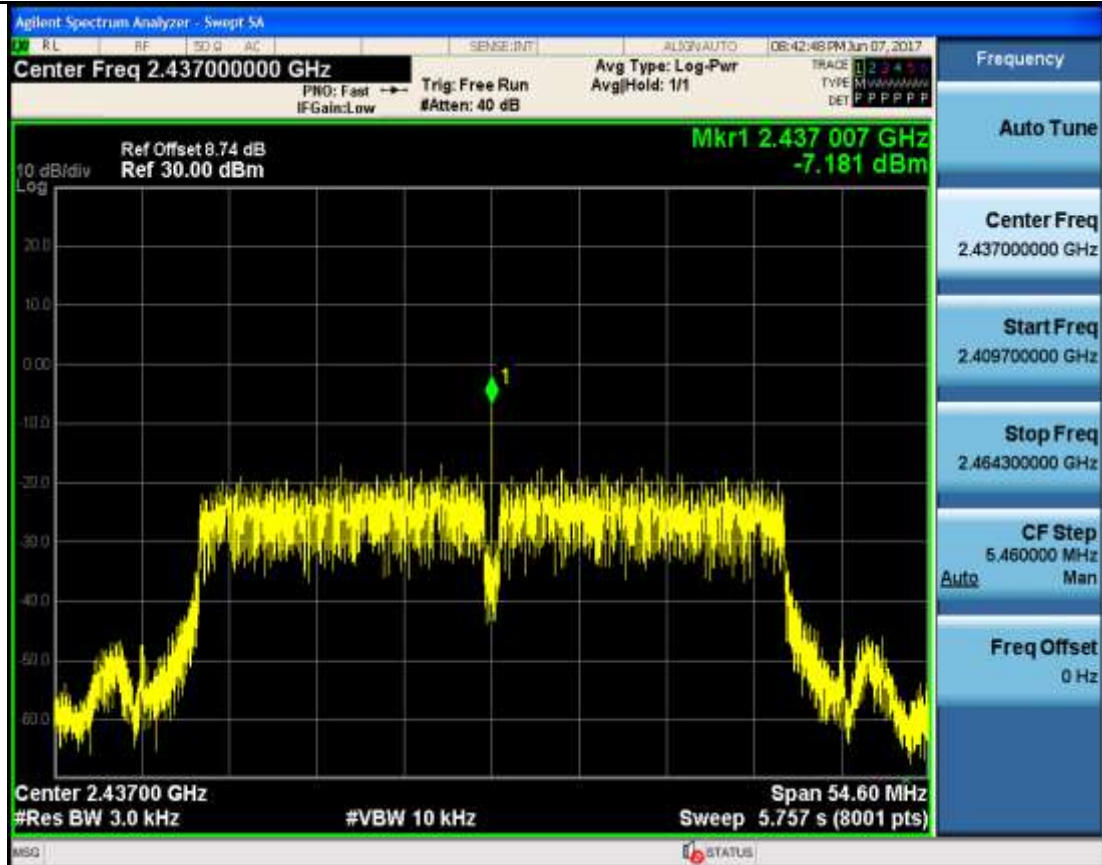
Maximum Peak power spectral density_11N20SISO_2462_Ant1



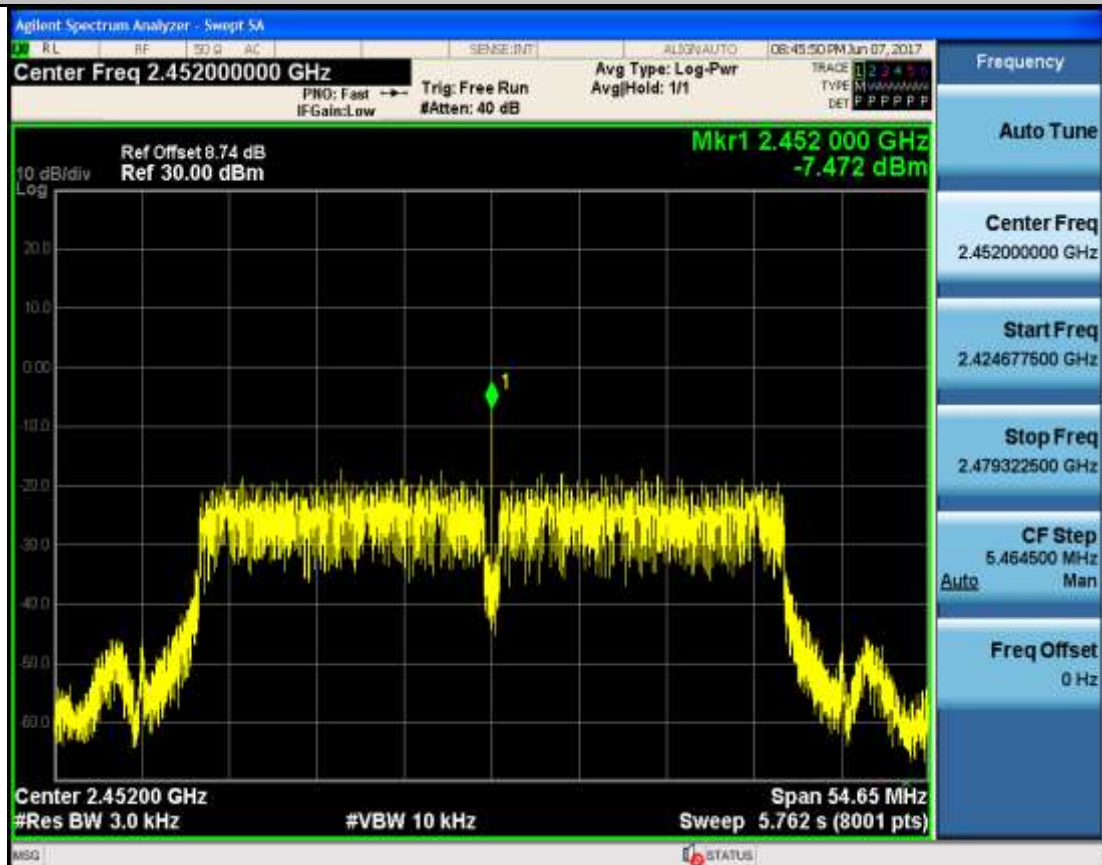
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



Maximum Peak power spectral density_11N40SISO_2452_Ant1

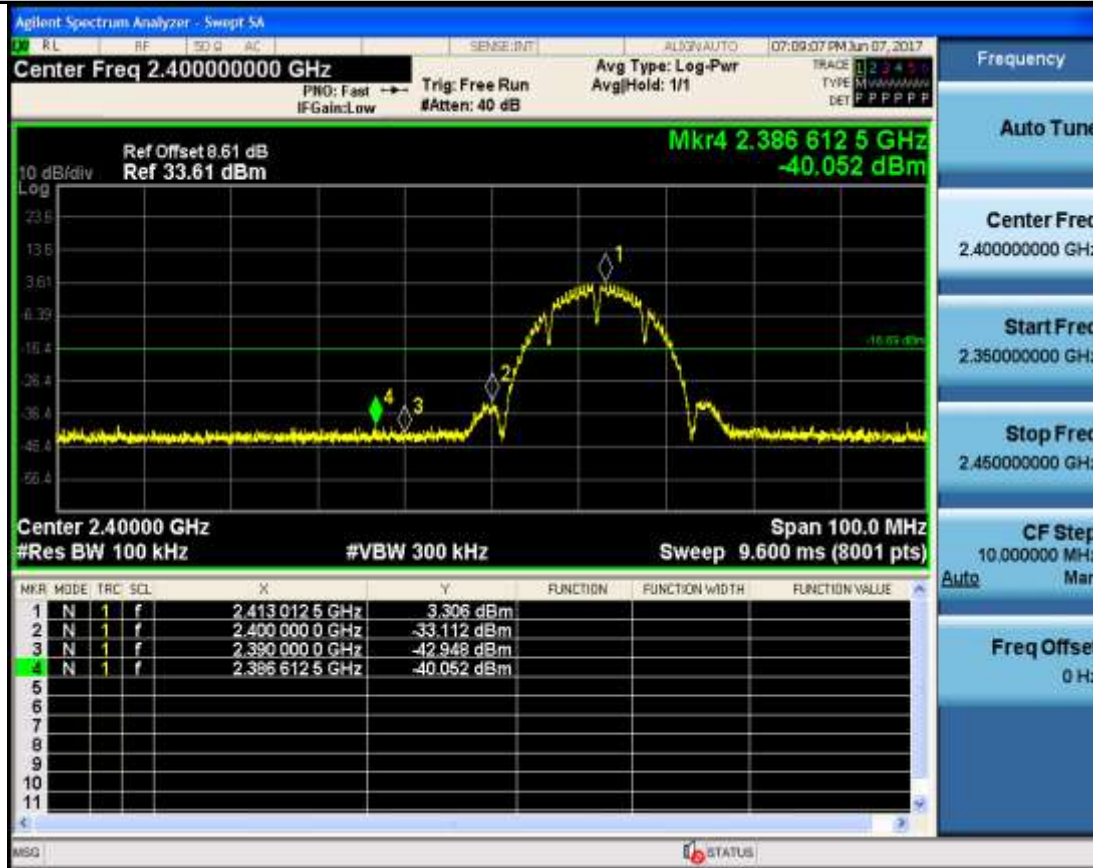


5.Band-edge for RF Conducted Emissions

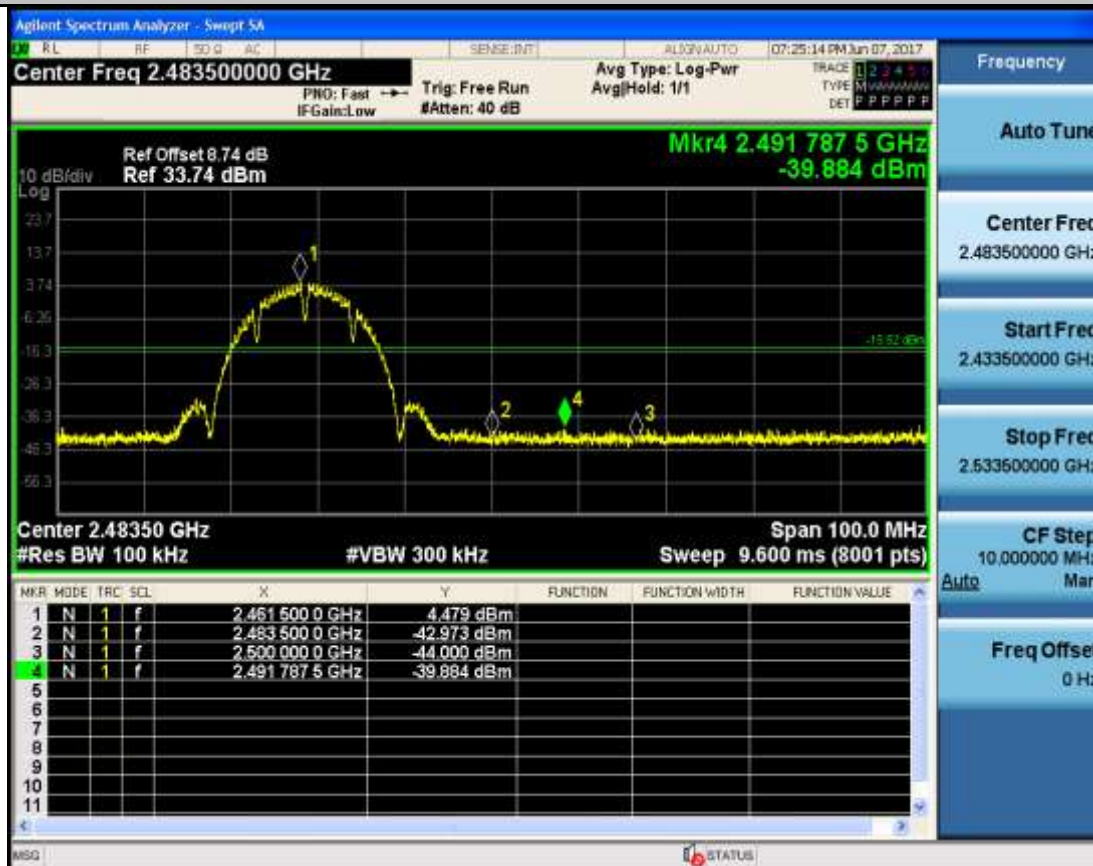
Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	3.306	-40.052	-16.69	PASS
11B	2462	Ant1	4.479	-39.884	-15.52	PASS
11G	2412	Ant1	0.932	-39.556	-19.07	PASS
11G	2462	Ant1	1.856	-38.973	-18.14	PASS
11N20SISO	2412	Ant1	-0.371	-39.970	-20.37	PASS
11N20SISO	2462	Ant1	0.430	-39.138	-19.57	PASS
11N40SISO	2422	Ant1	-4.241	-39.632	-24.24	PASS
11N40SISO	2452	Ant1	-4.305	-40.067	-24.31	PASS

TEST PLOT

Band-edge for RF Conducted Emissions_11B_2412_Ant1



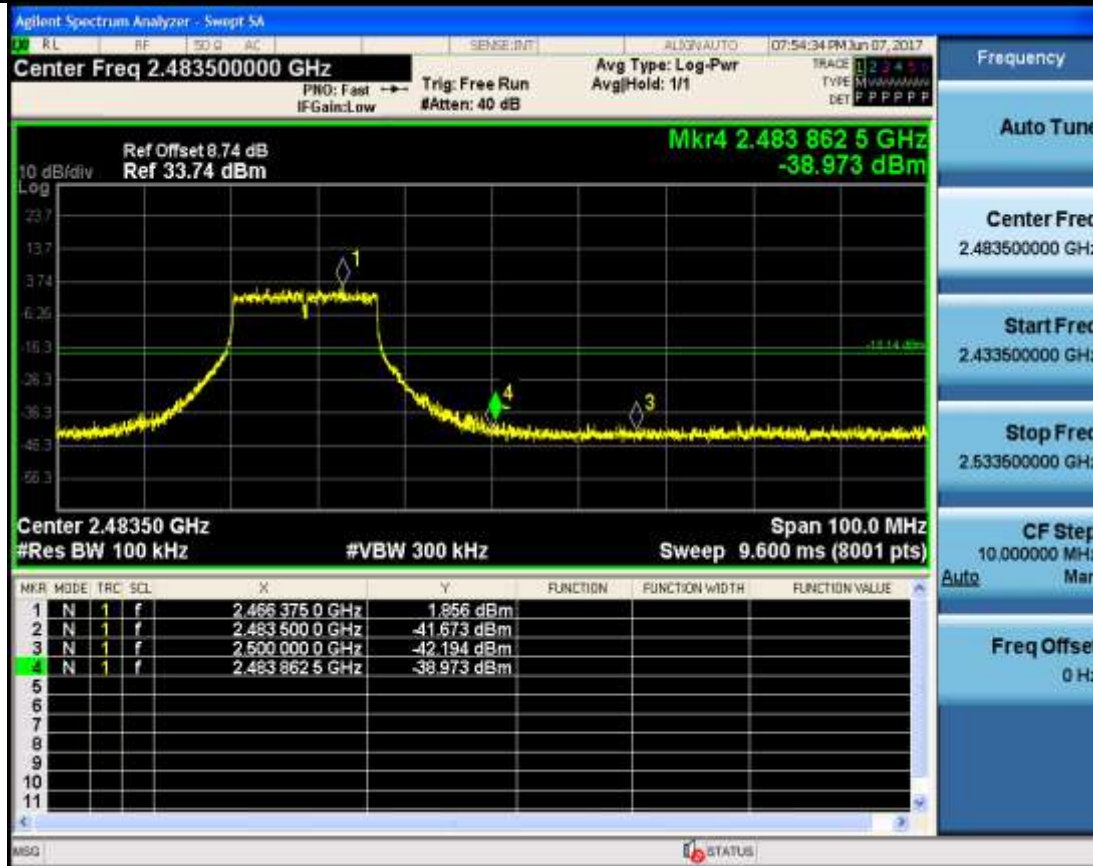
Band-edge for RF Conducted Emissions_11B_2462_Ant1



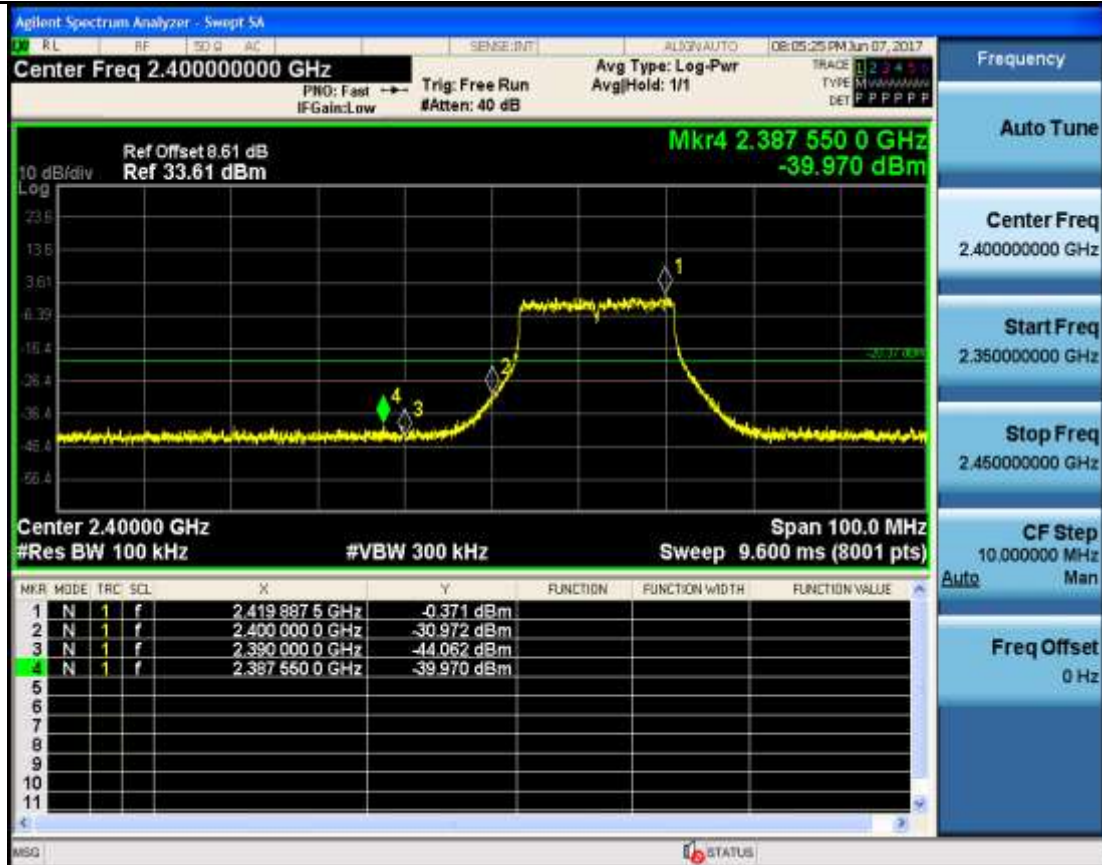
Band-edge for RF Conducted Emissions_11G_2412_Ant1



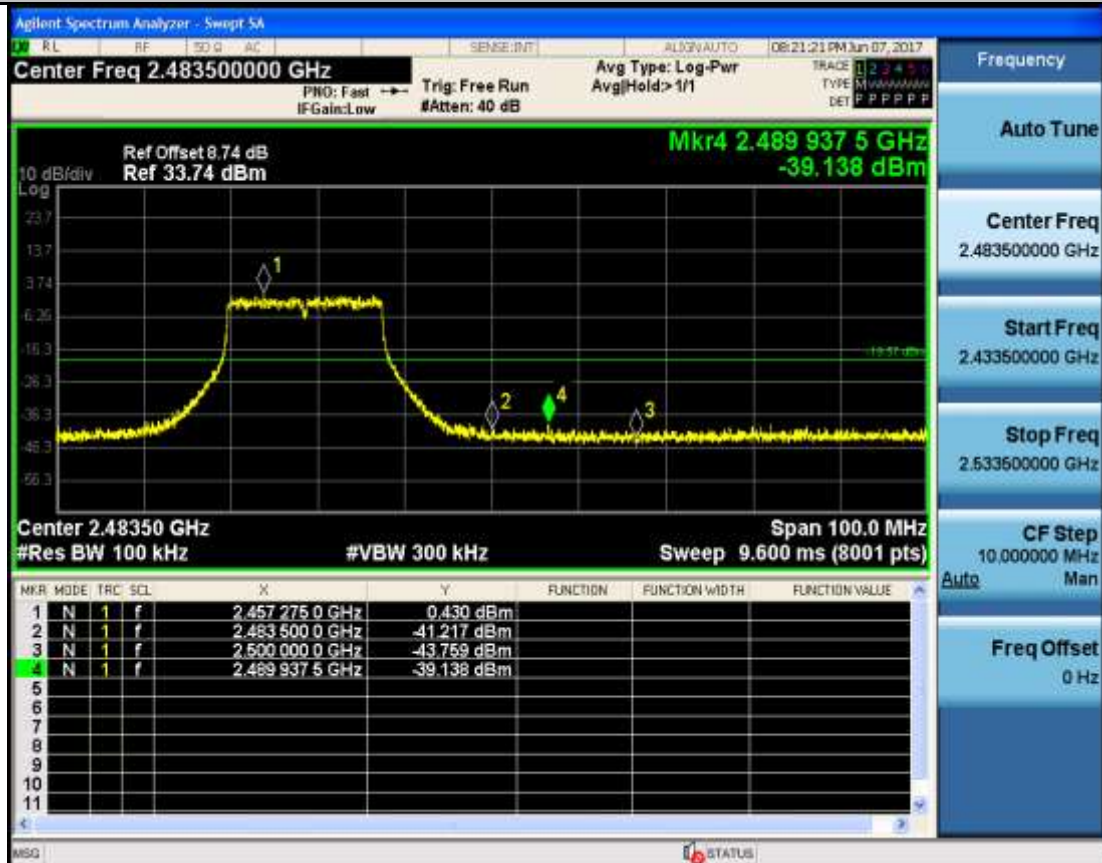
Band-edge for RF Conducted Emissions_11G_2462_Ant1



Band-edge for RF Conducted Emissions_11N20ISO_2412_Ant1



Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1

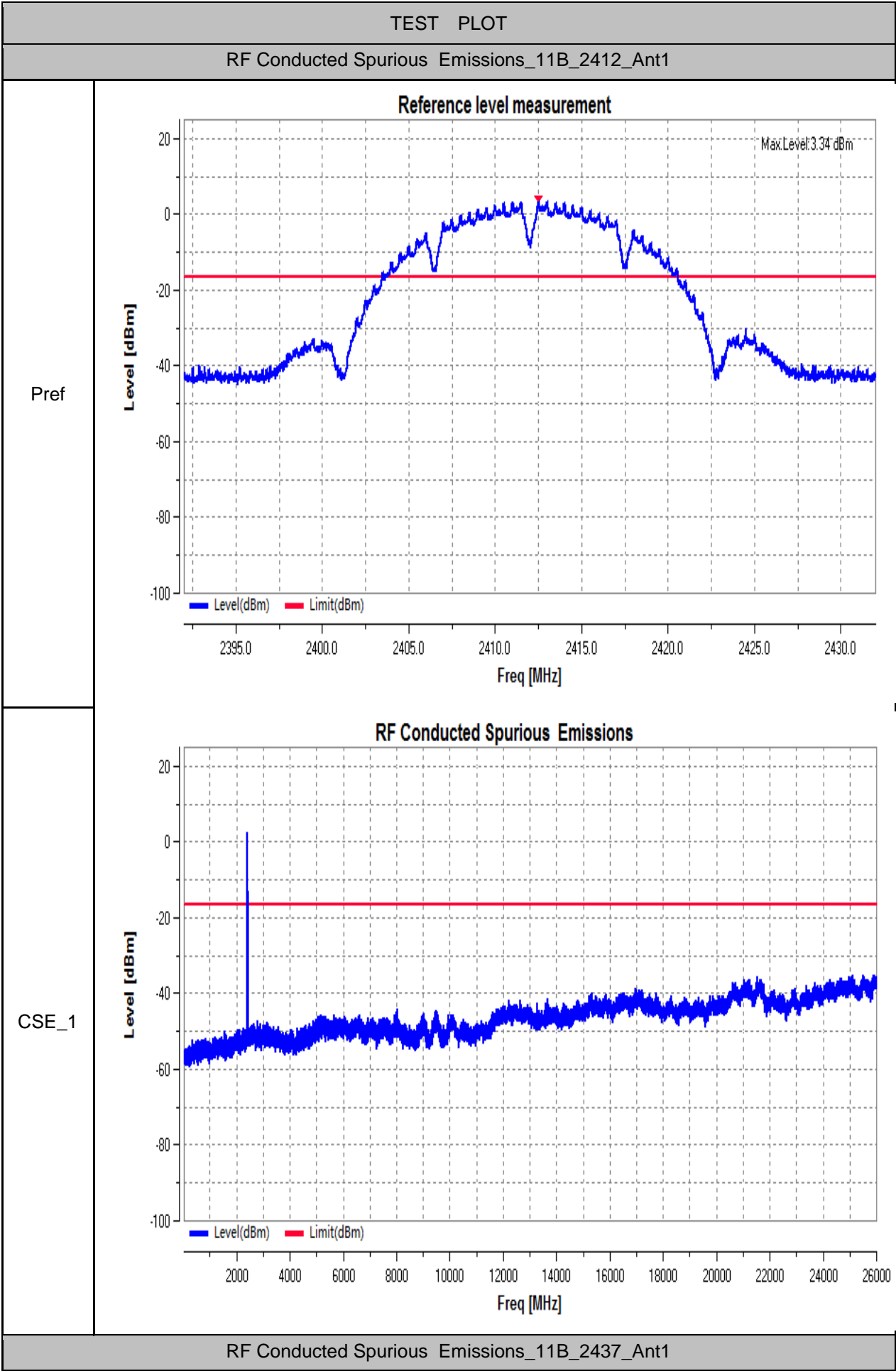


Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1

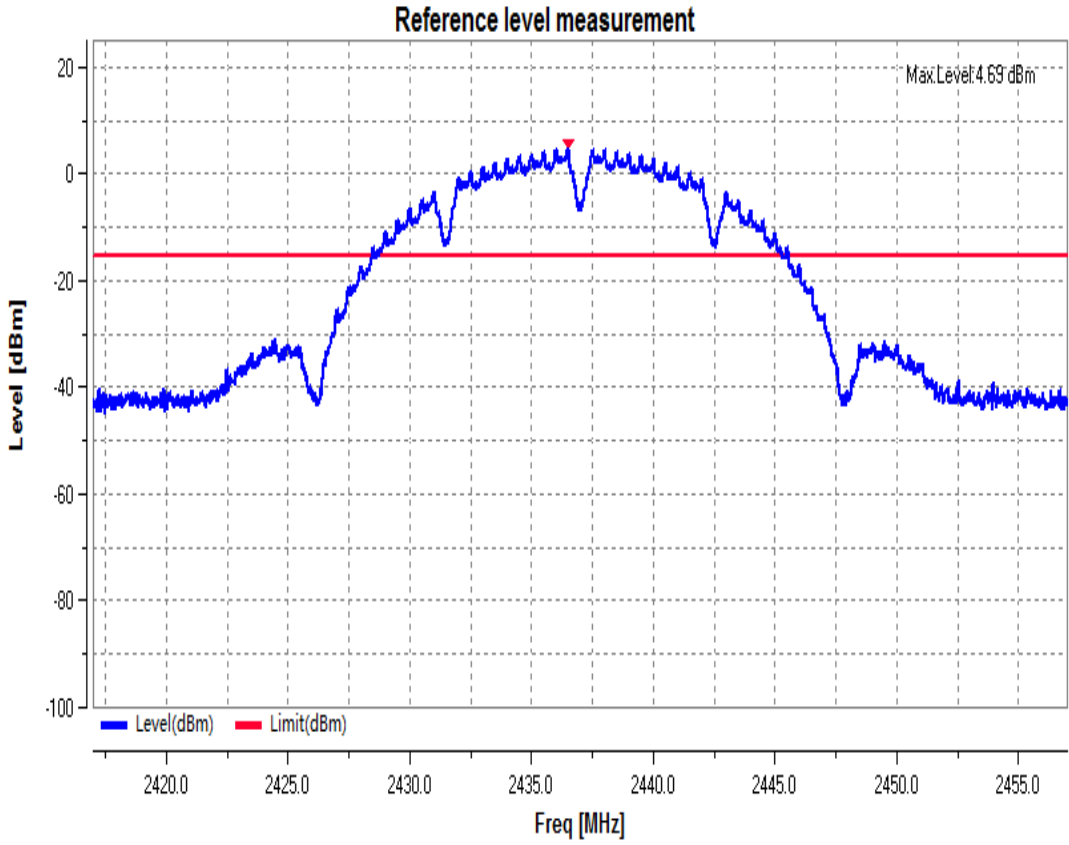


6.RF Conducted Spurious Emissions

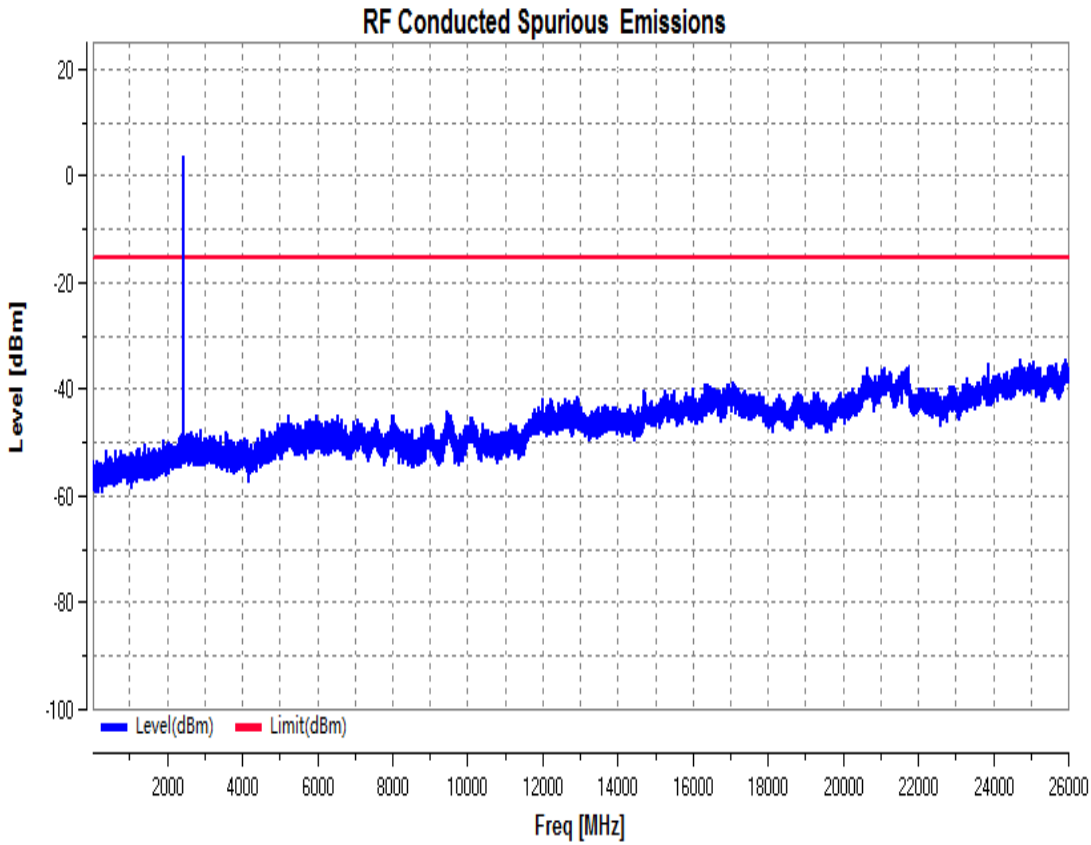
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	3.343	-43.956	-16.657	PASS
11B	2412	Ant1	10000	26000	100	300	3.343	-35.059	-16.657	PASS
11B	2437	Ant1	30	10000	100	300	4.691	-44.214	-15.309	PASS
11B	2437	Ant1	10000	26000	100	300	4.691	-34.484	-15.309	PASS
11B	2462	Ant1	30	10000	100	300	4.402	-43.590	-15.598	PASS
11B	2462	Ant1	10000	26000	100	300	4.402	-33.682	-15.598	PASS
11G	2412	Ant1	30	10000	100	300	1.003	-43.481	-18.997	PASS
11G	2412	Ant1	10000	26000	100	300	1.003	-33.446	-18.997	PASS
11G	2437	Ant1	30	10000	100	300	2.137	-44.443	-17.863	PASS
11G	2437	Ant1	10000	26000	100	300	2.137	-33.974	-17.863	PASS
11G	2462	Ant1	30	10000	100	300	1.848	-44.220	-18.152	PASS
11G	2462	Ant1	10000	26000	100	300	1.848	-33.922	-18.152	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.675	-44.105	-20.675	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.675	-34.680	-20.675	PASS
11N20SISO	2437	Ant1	30	10000	100	300	0.703	-44.415	-19.297	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	0.703	-34.372	-19.297	PASS
11N20SISO	2462	Ant1	30	10000	100	300	0.18	-44.242	-19.82	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	0.18	-34.370	-19.82	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-4.243	-44.350	-24.243	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-4.243	-34.022	-24.243	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-4.341	-44.198	-24.341	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-4.341	-33.894	-24.341	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-4.3	-44.612	-24.3	PASS
11N40SISO	2452	Ant1	10000	26000	100	300	-4.3	-33.899	-24.3	PASS



Pref

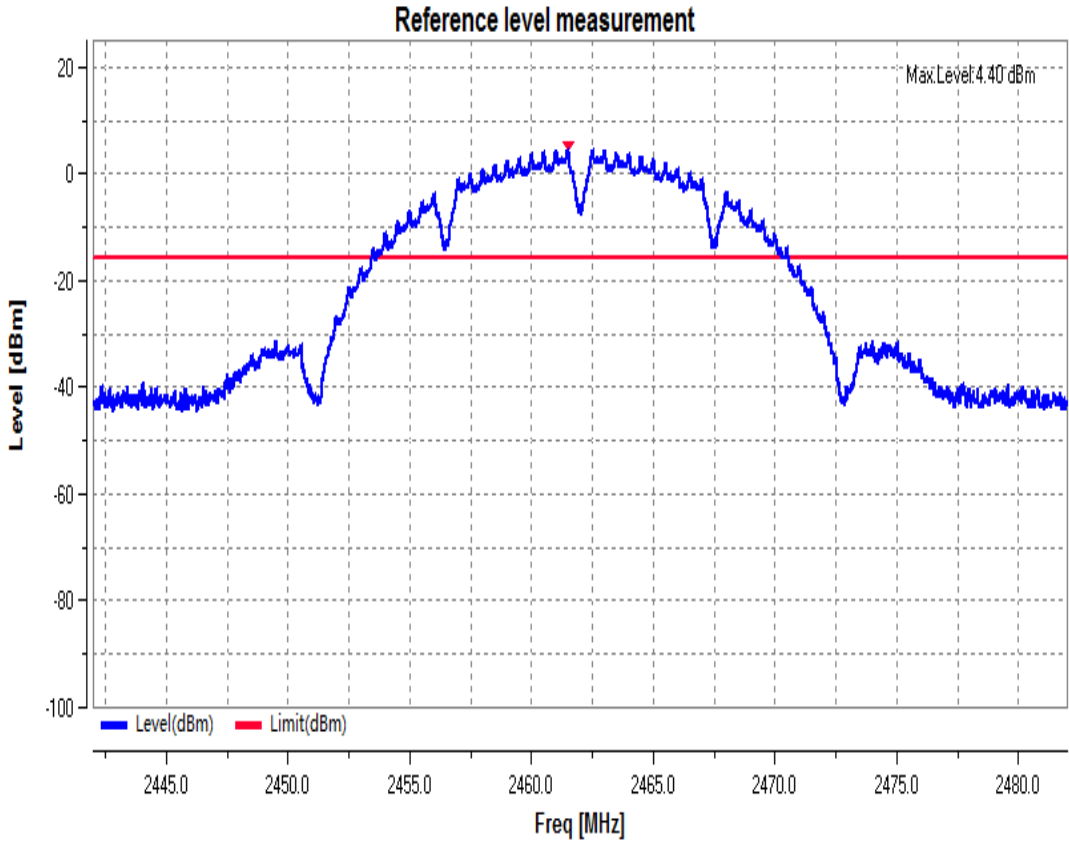


CSE_1

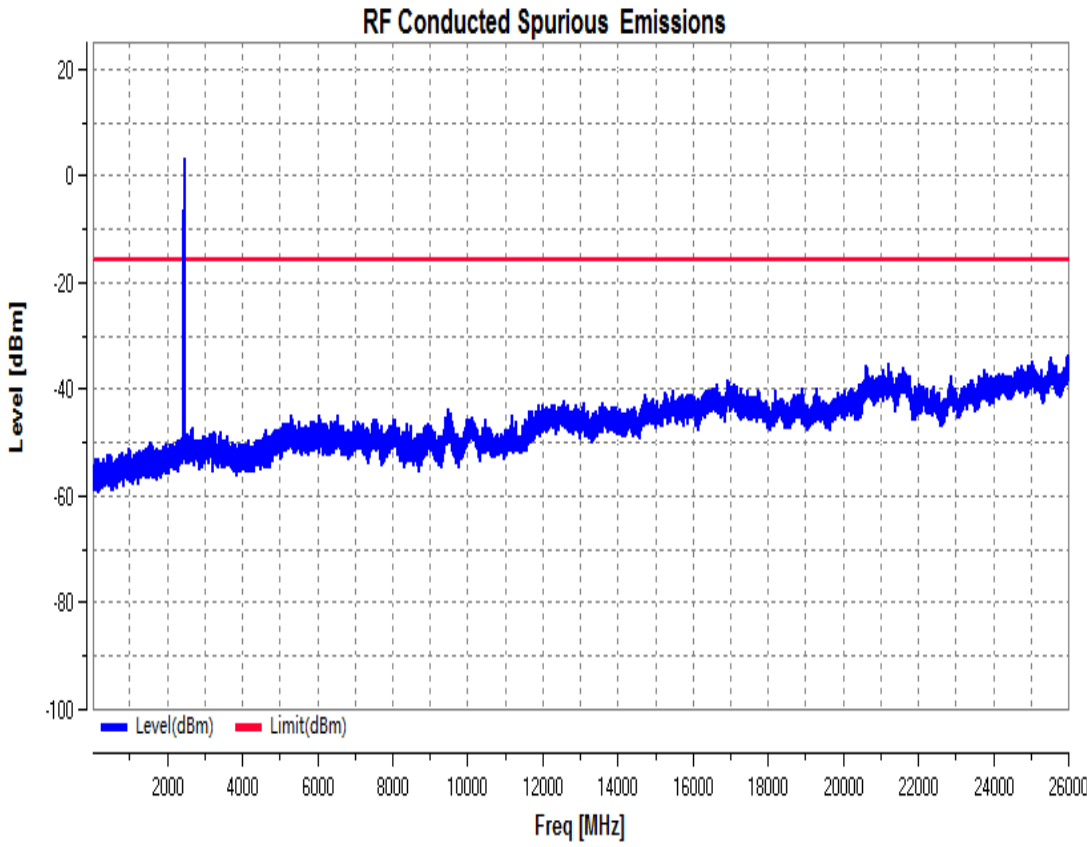


RF Conducted Spurious Emissions_11B_2462_Ant1

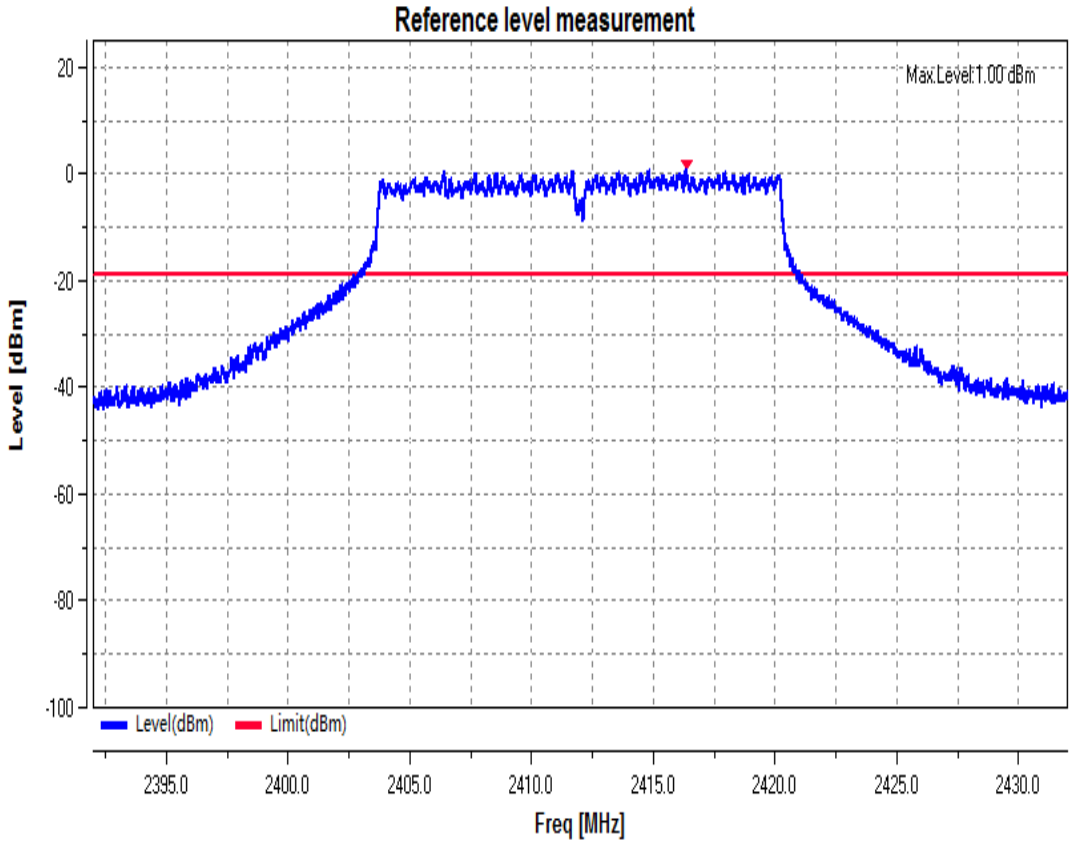
Pref



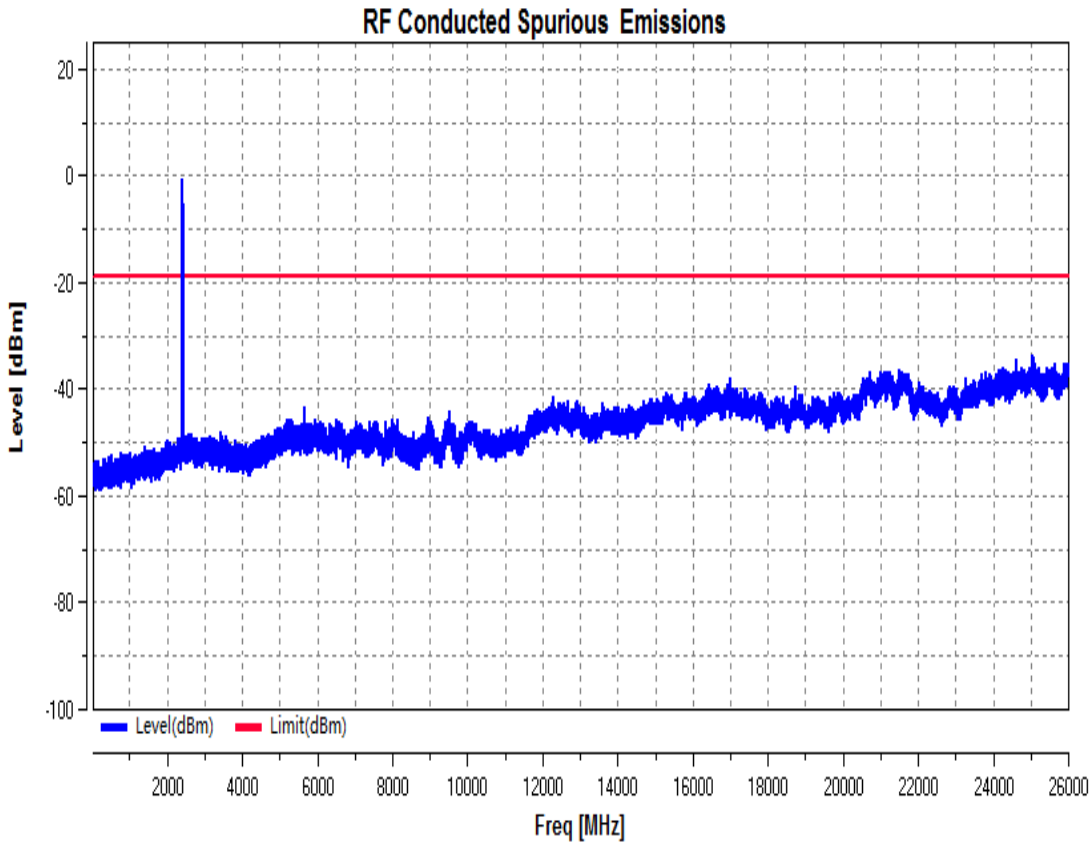
CSE_1



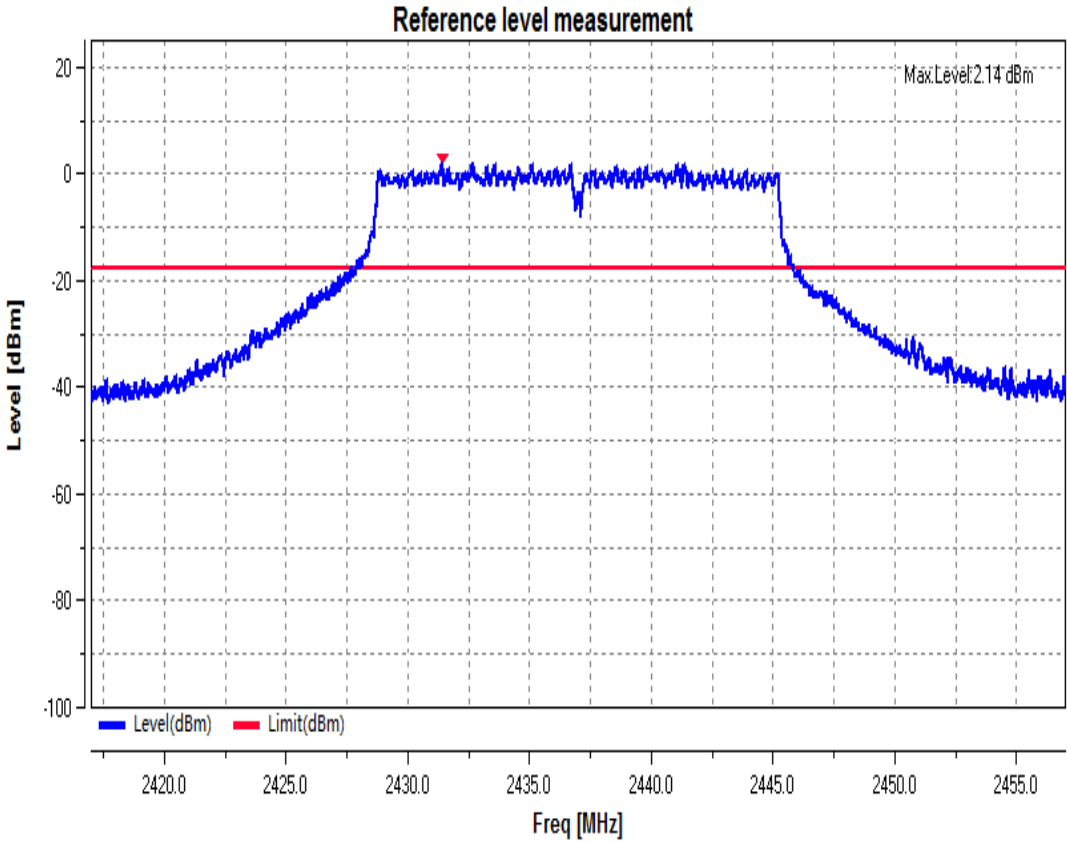
Pref



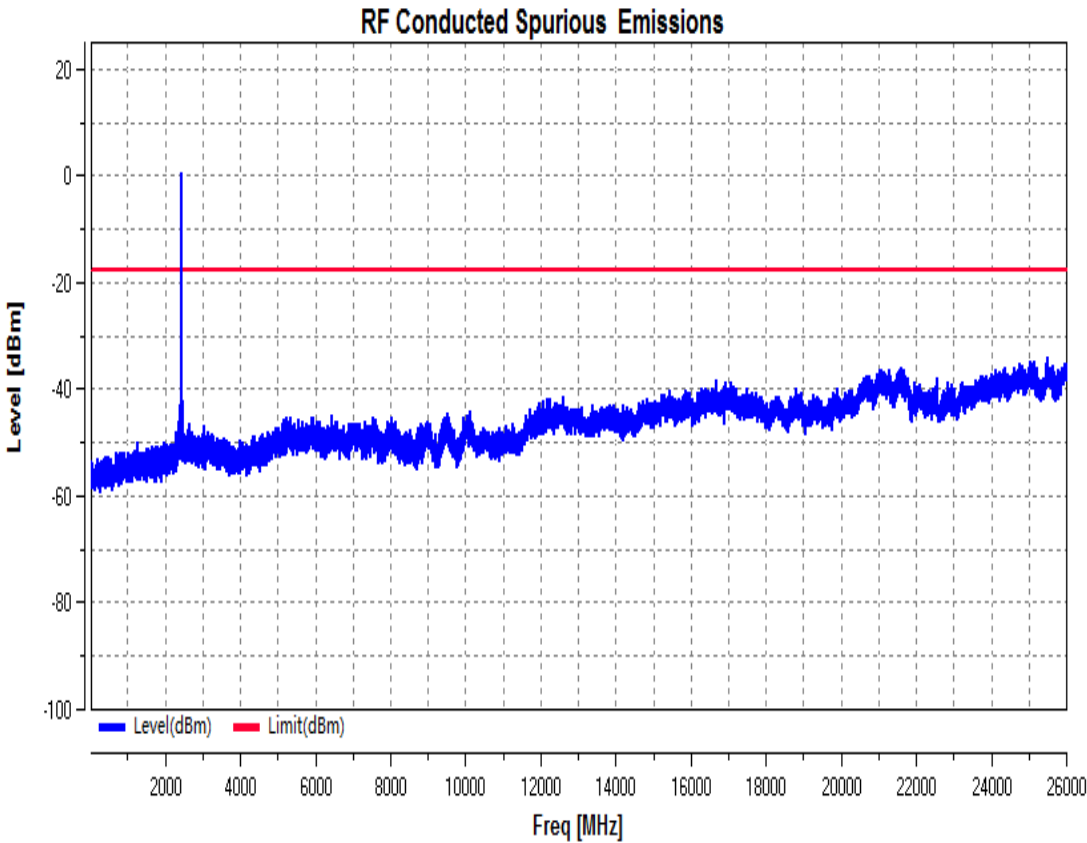
CSE_1



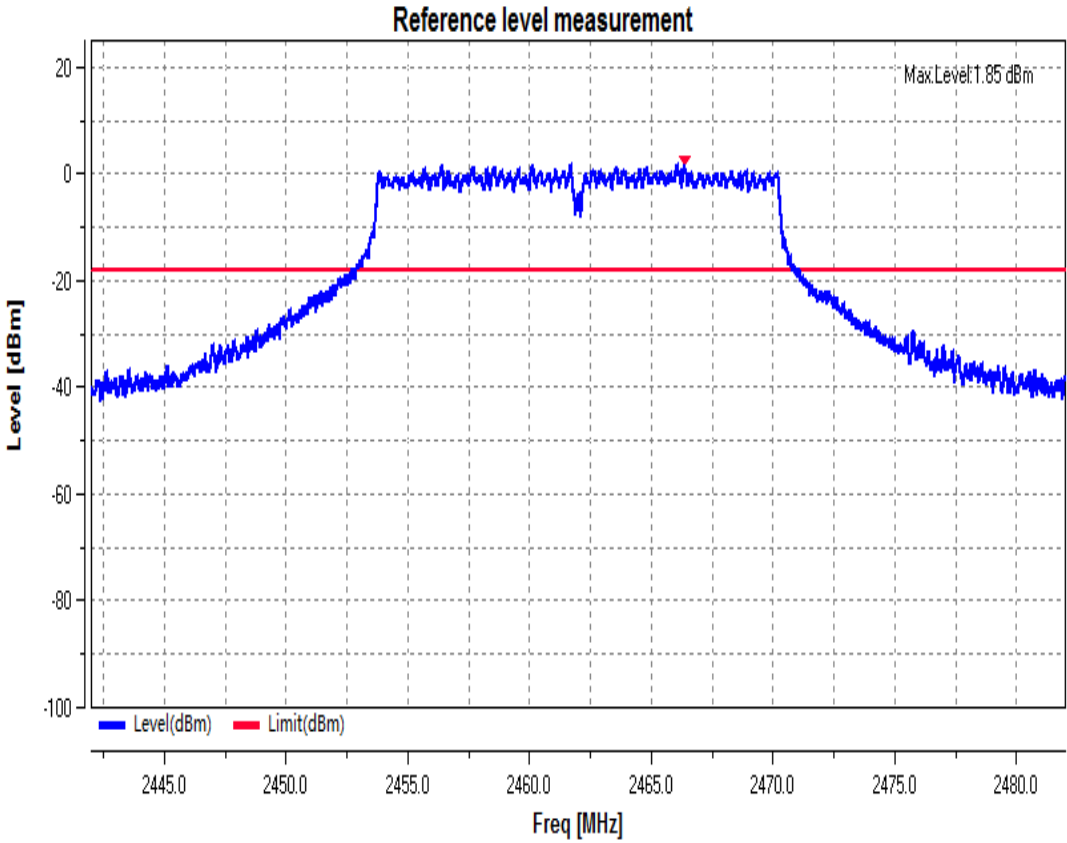
Pref



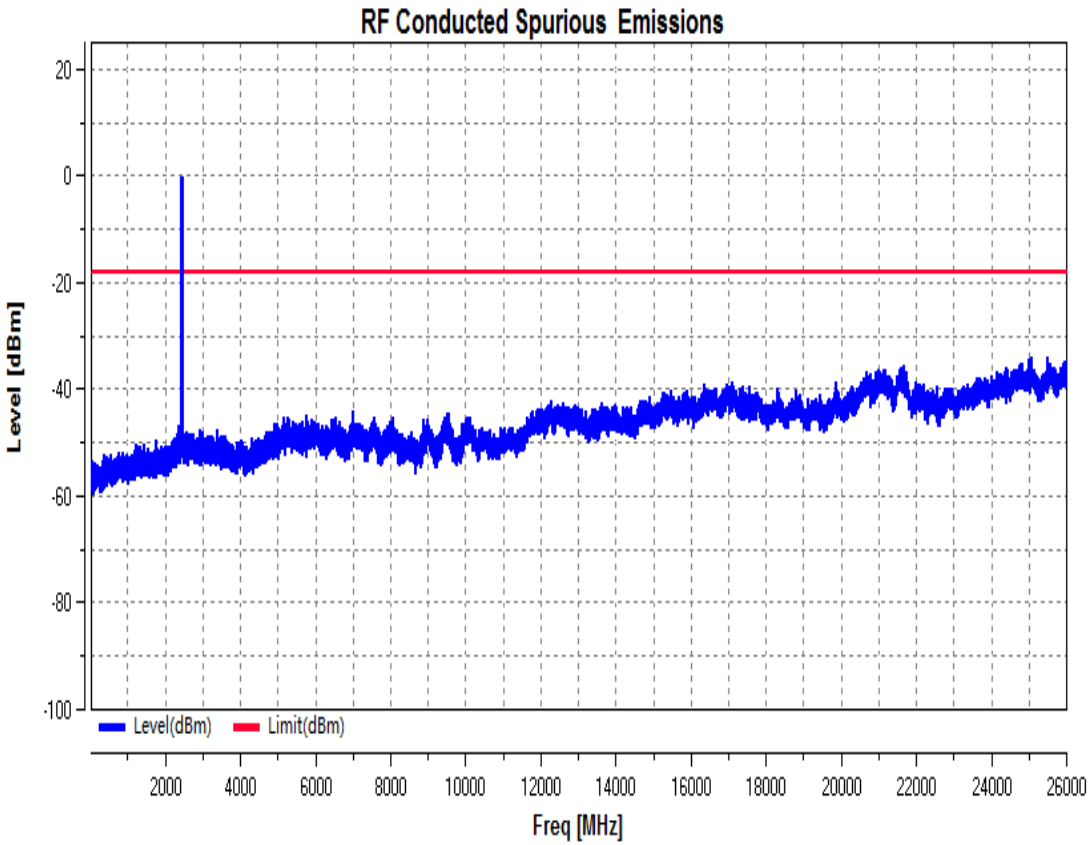
CSE_1



Pref

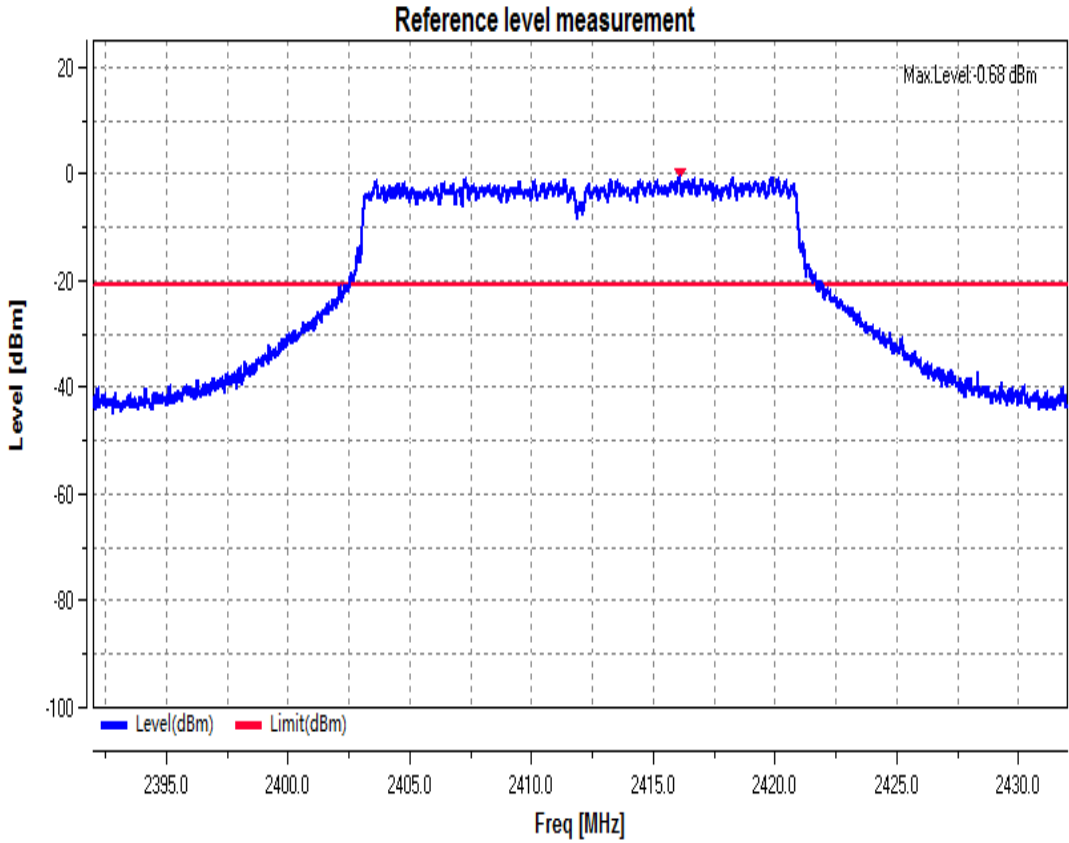


CSE_1

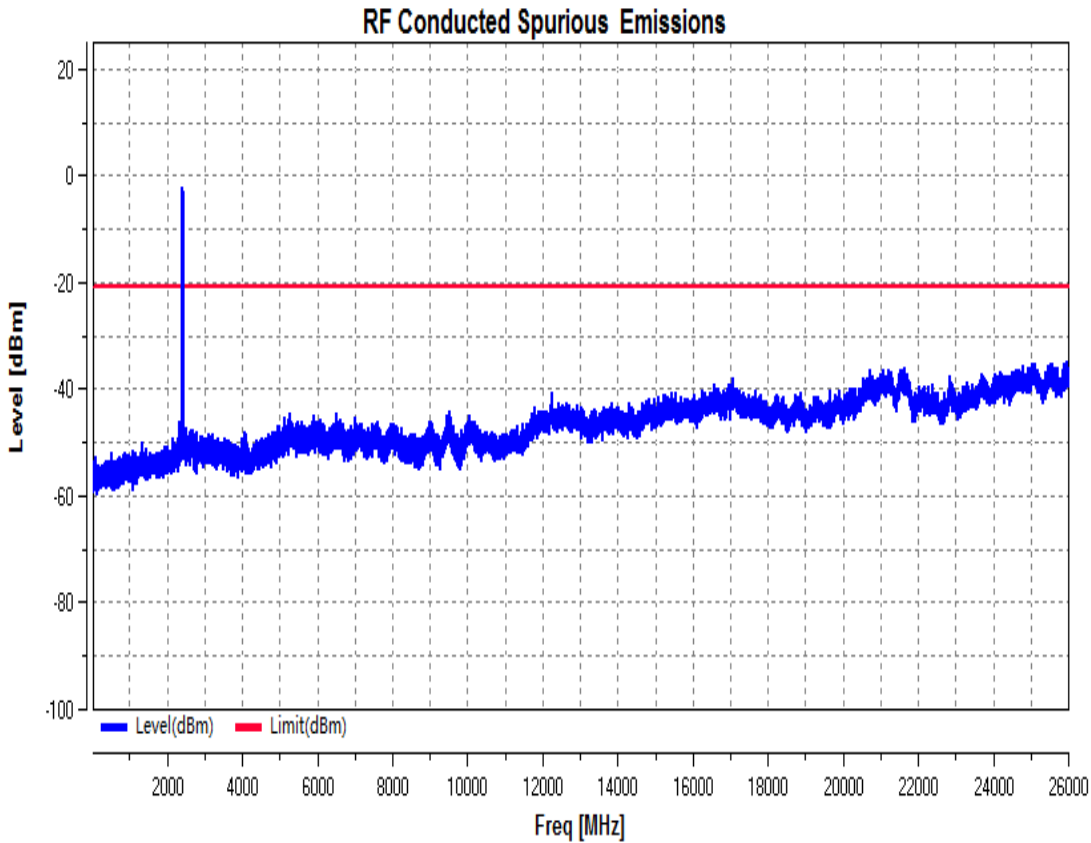


RF Conducted Spurious Emissions_11N20SISO_2412_Ant1

Pref

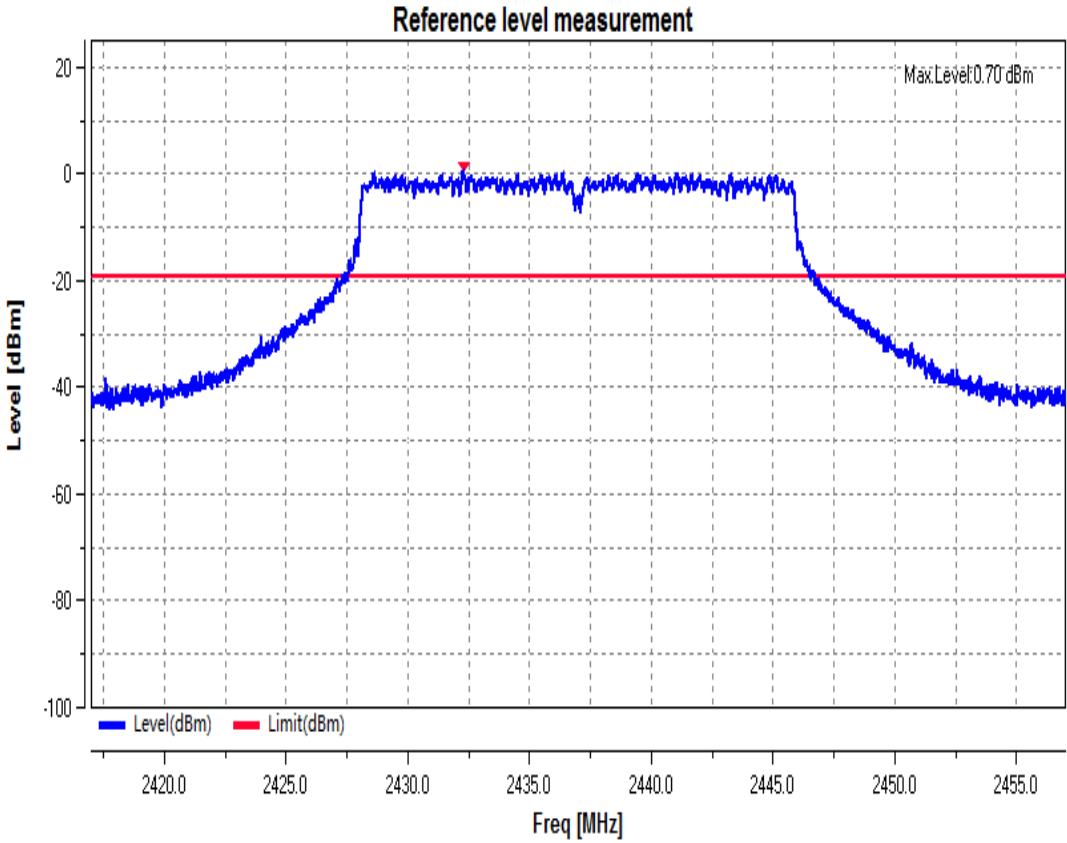


CSE_1

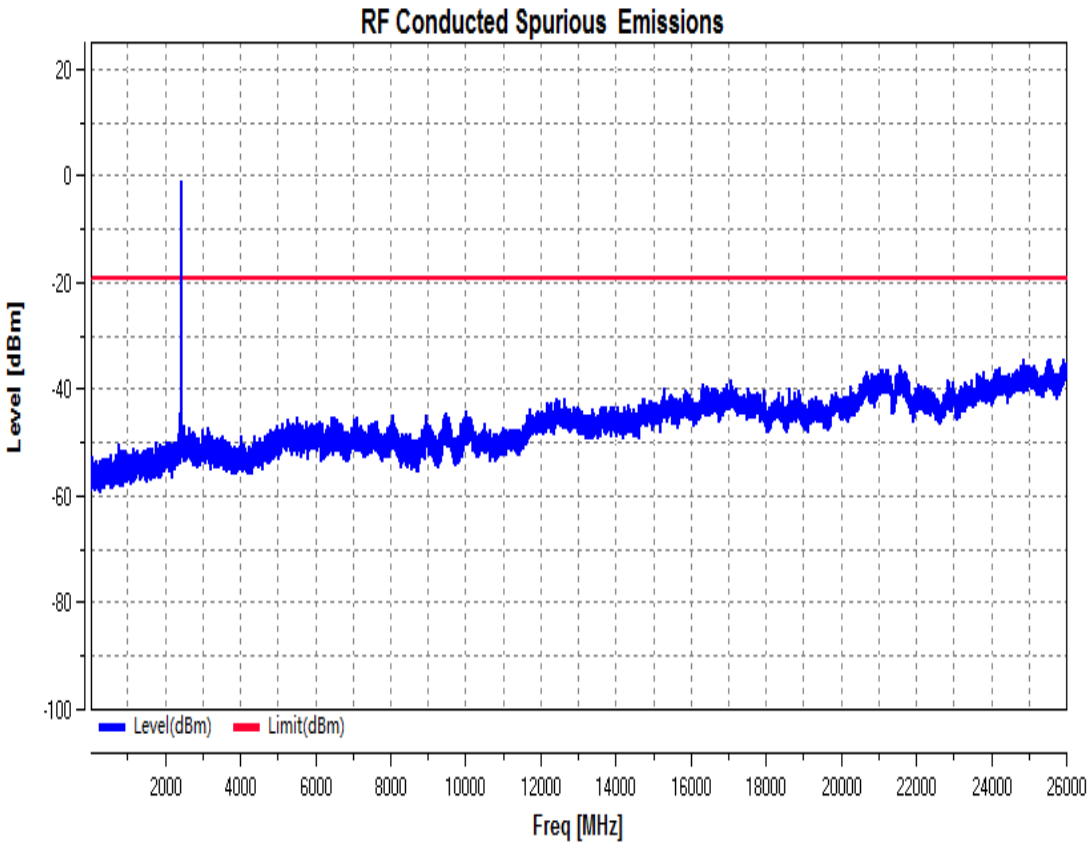


RF Conducted Spurious Emissions_11N20SISO_2437_Ant1

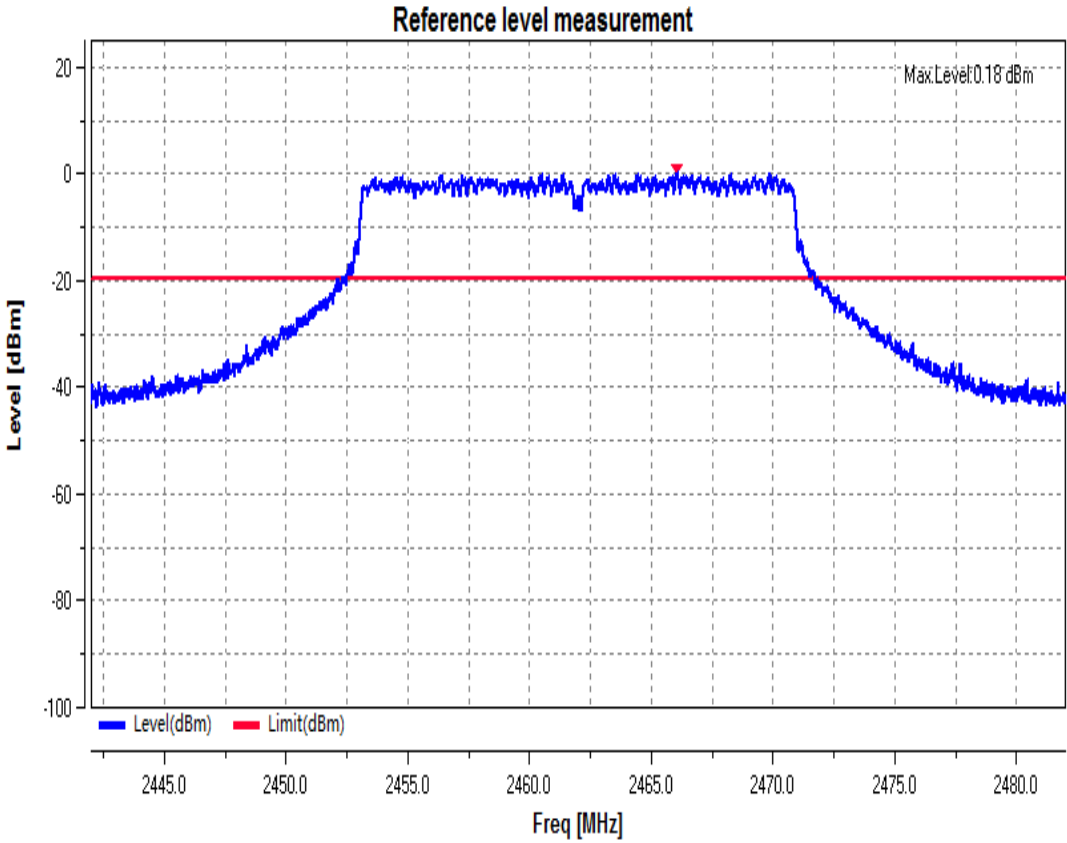
Pref



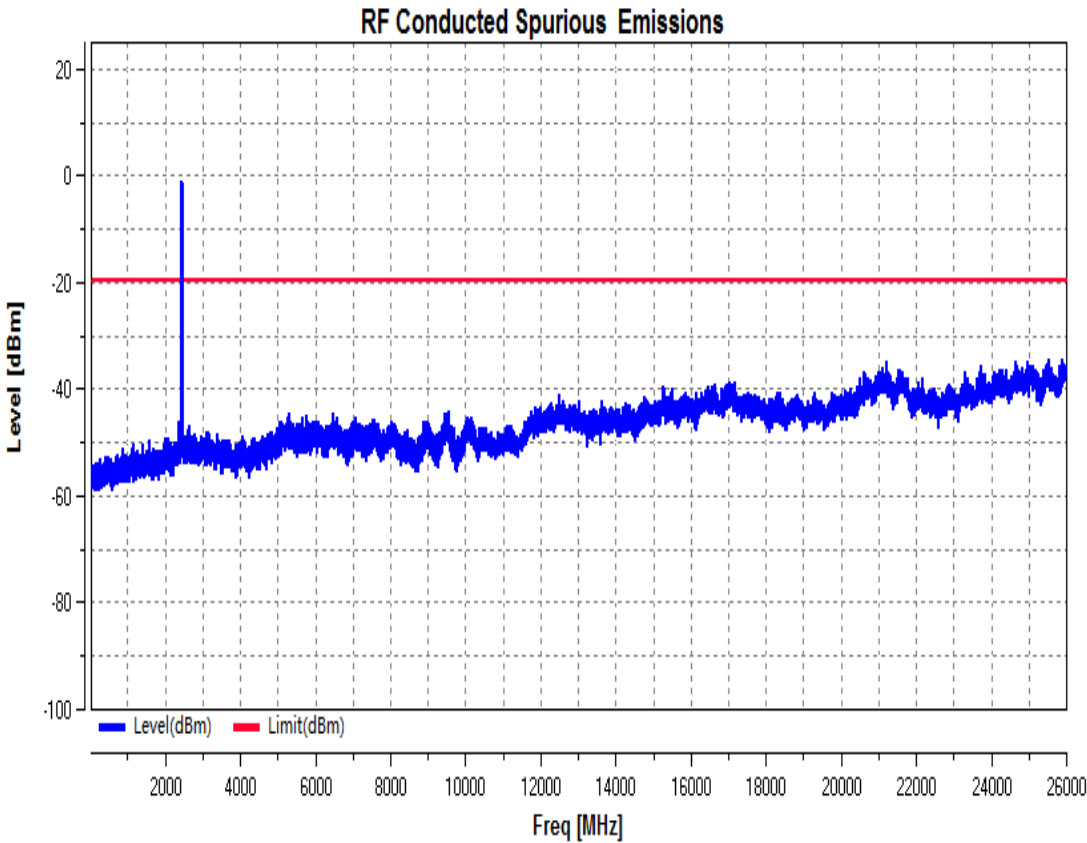
CSE_1



Pref

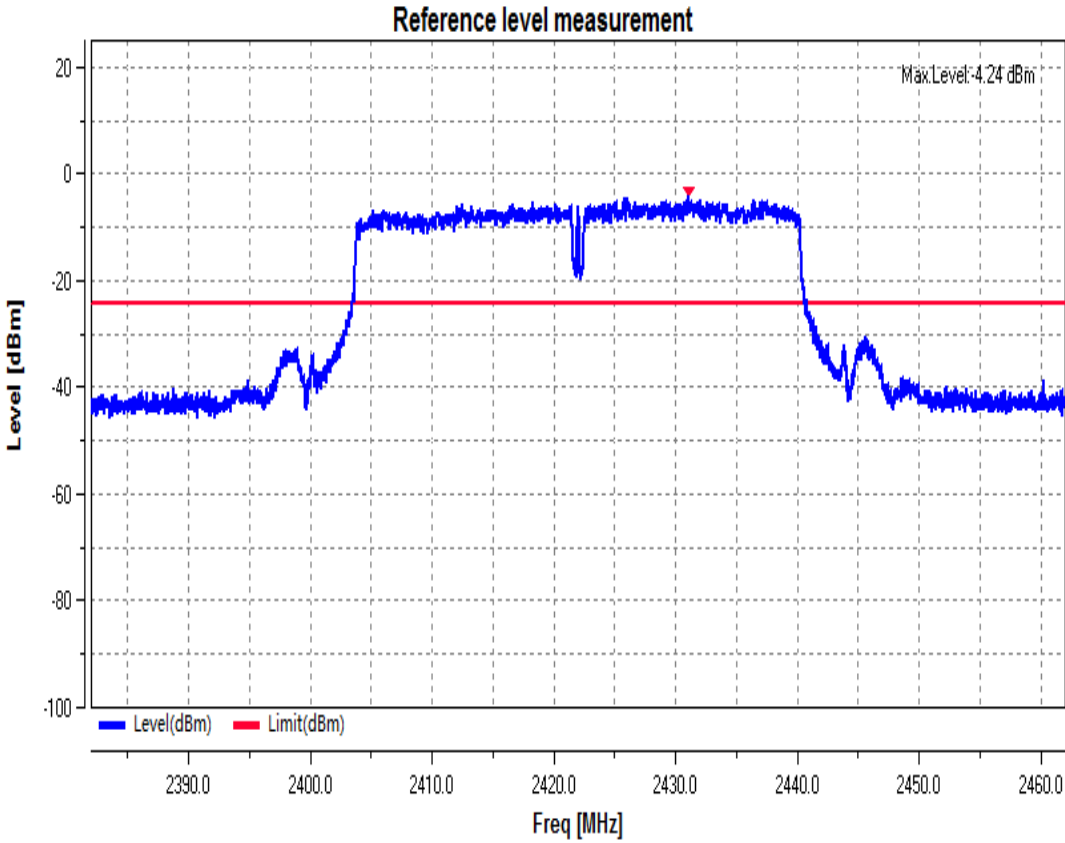


CSE_1

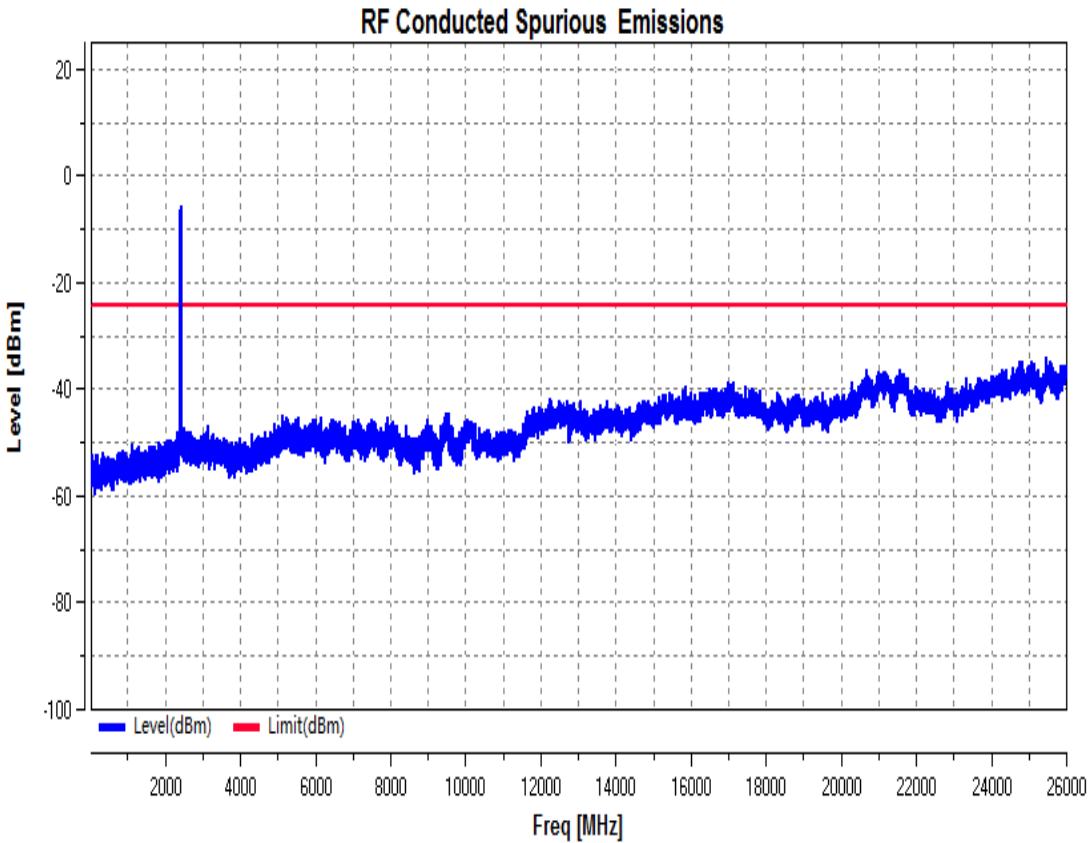


RF Conducted Spurious Emissions_11N40SISO_2422_Ant1

Pref

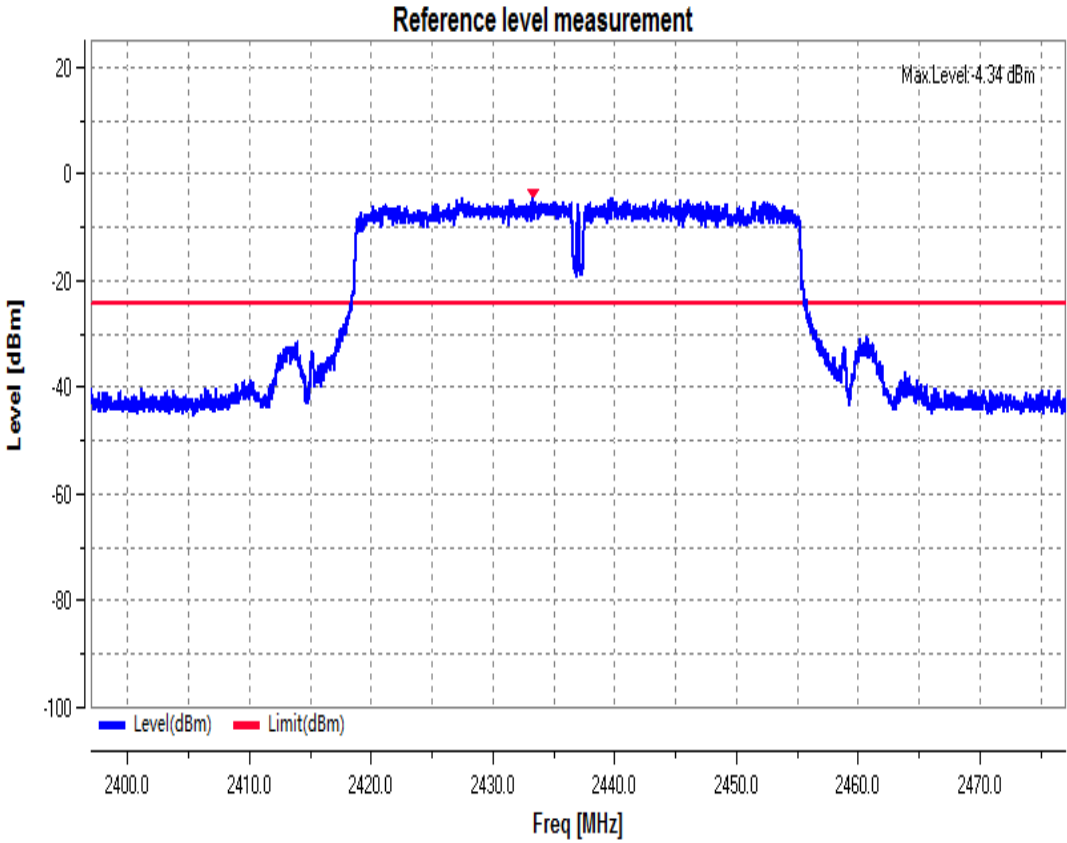


CSE_1

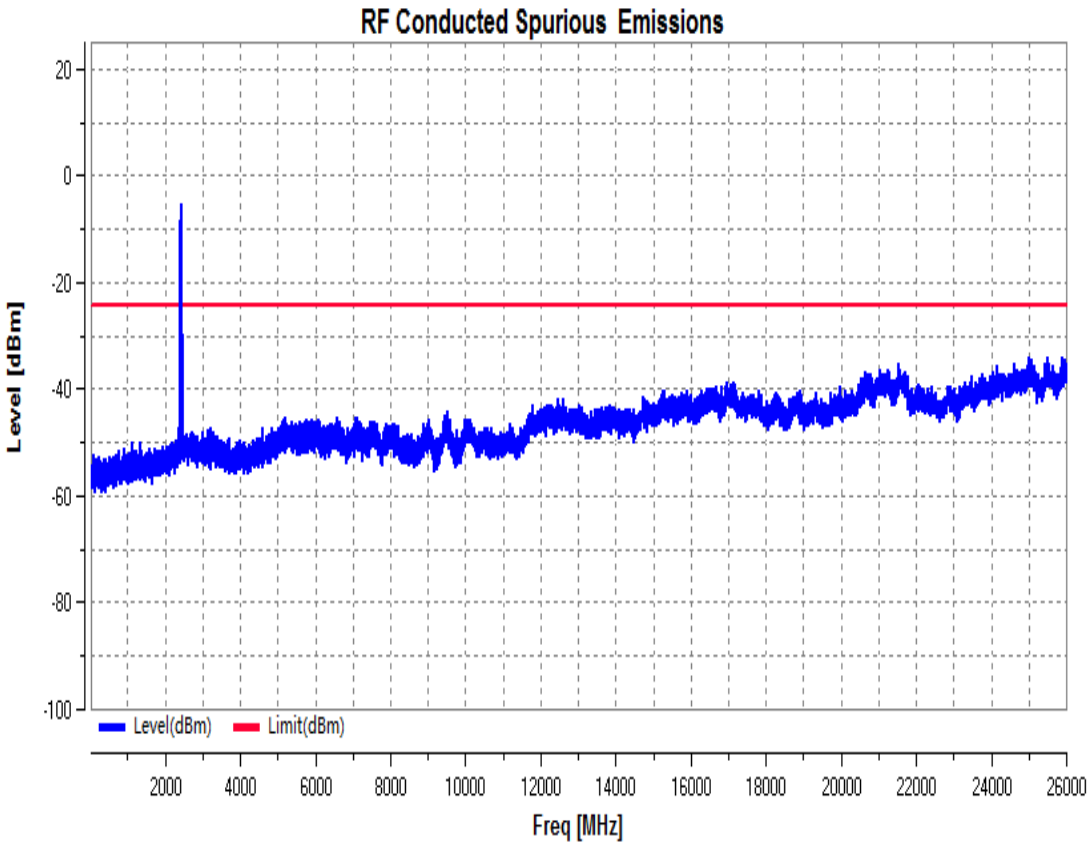


RF Conducted Spurious Emissions_11N40SISO_2437_Ant1

Pref

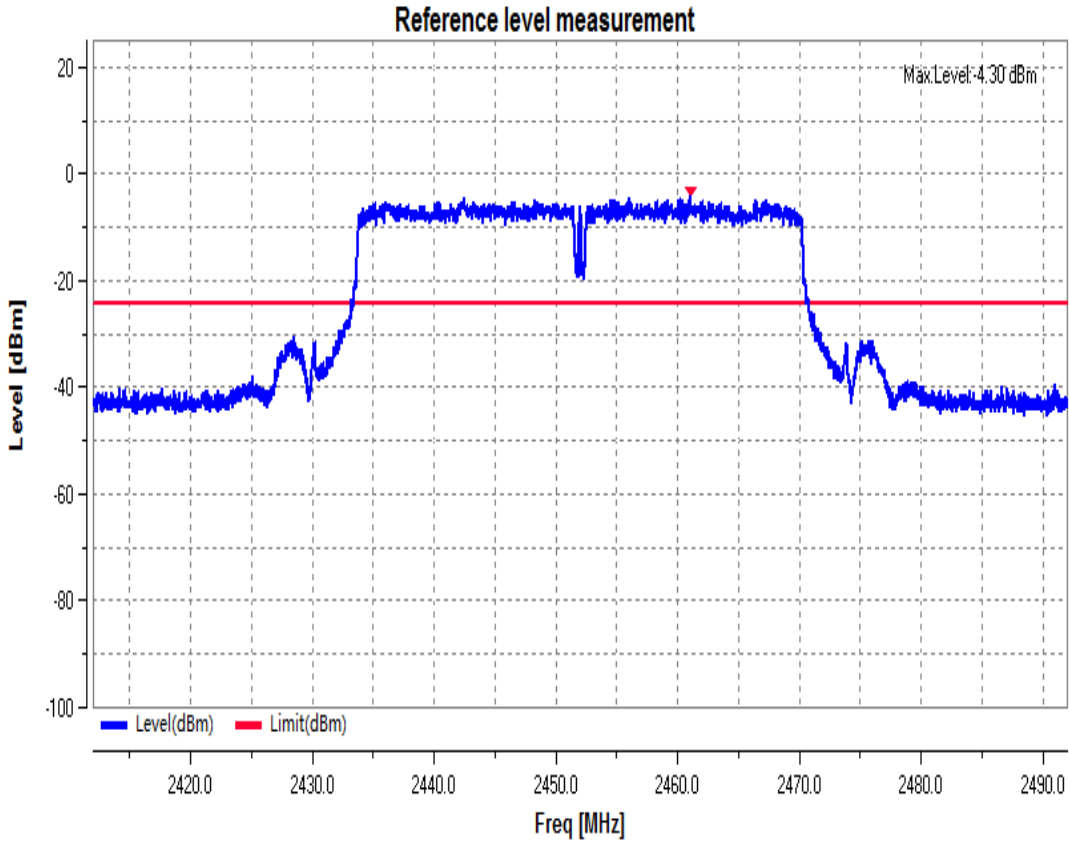


CSE_1



RF Conducted Spurious Emissions_11N40SISO_2452_Ant1

Pref



CSE_1

