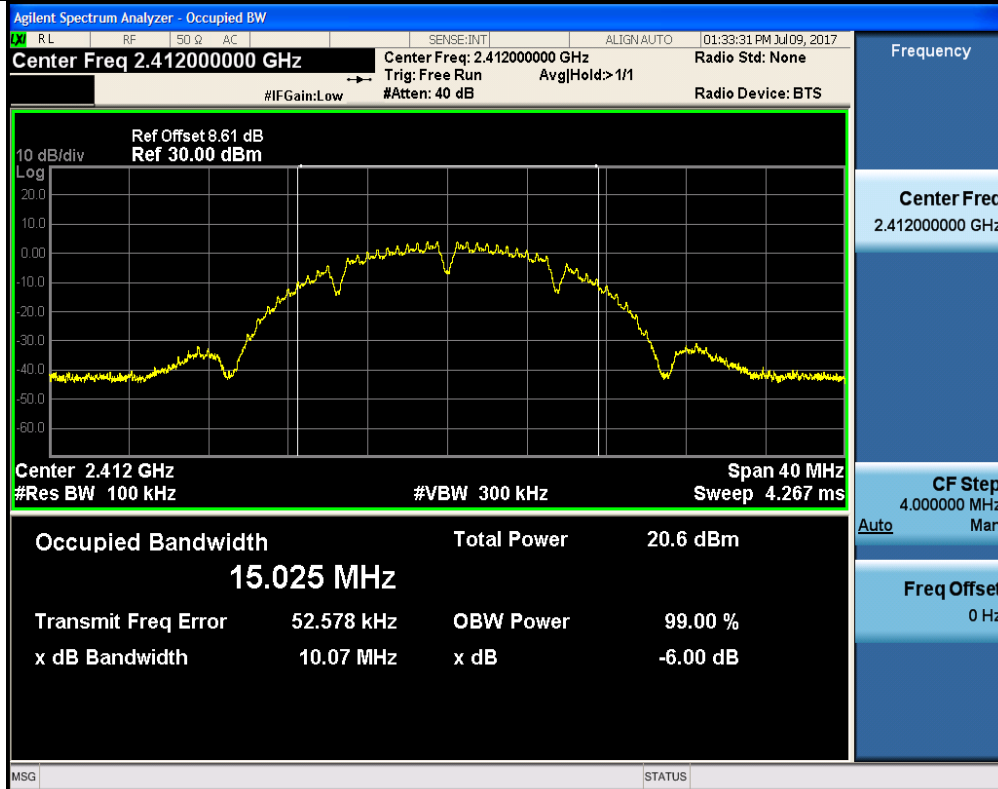

Appendix A for SHEM170700470903

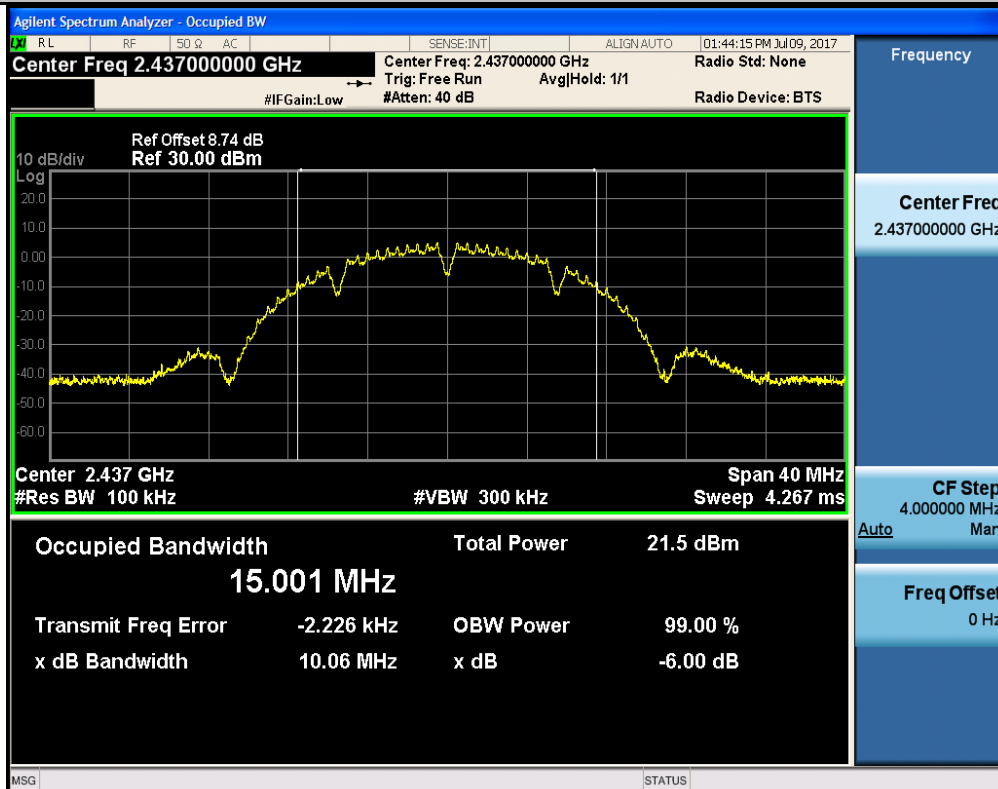
1.6dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit	Verdict
11B	2412	10.07	0.5	PASS
11B	2437	10.06	0.5	PASS
11B	2462	10.06	0.5	PASS
11G	2412	16.52	0.5	PASS
11G	2437	16.53	0.5	PASS
11G	2462	16.53	0.5	PASS
11N20SISO	2412	17.81	0.5	PASS
11N20SISO	2437	17.82	0.5	PASS
11N20SISO	2462	17.81	0.5	PASS
11N40SISO	2422	36.40	0.5	PASS
11N40SISO	2437	36.41	0.5	PASS
11N40SISO	2452	36.42	0.5	PASS

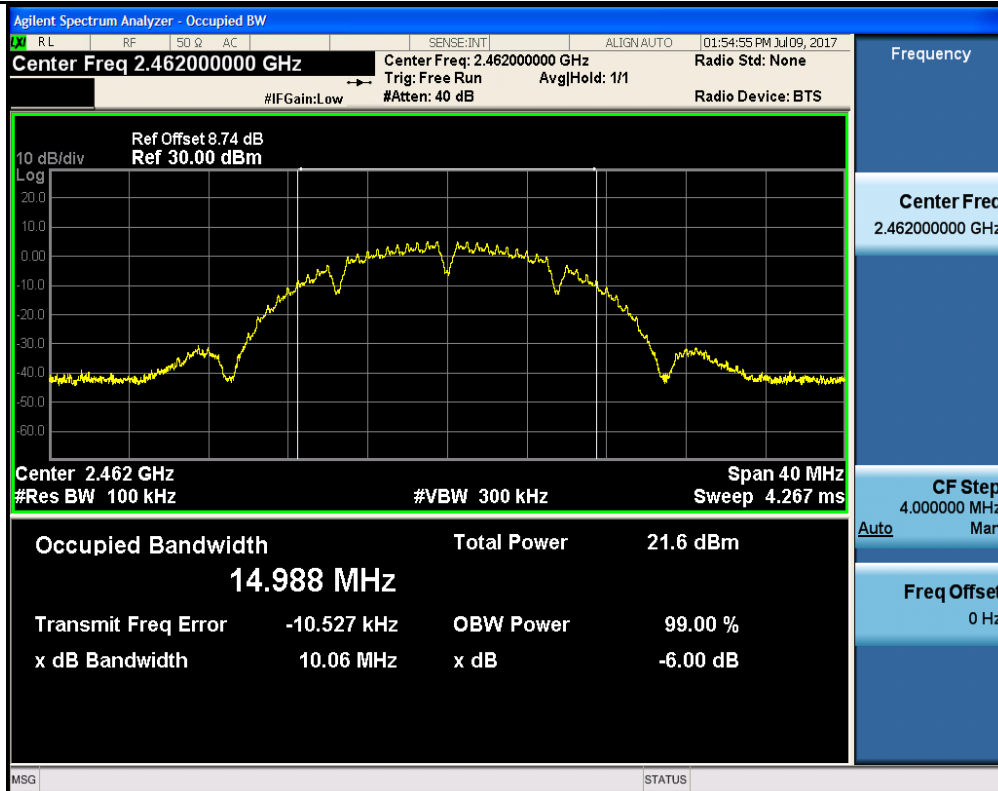
6dB Bandwidth_11B_2412



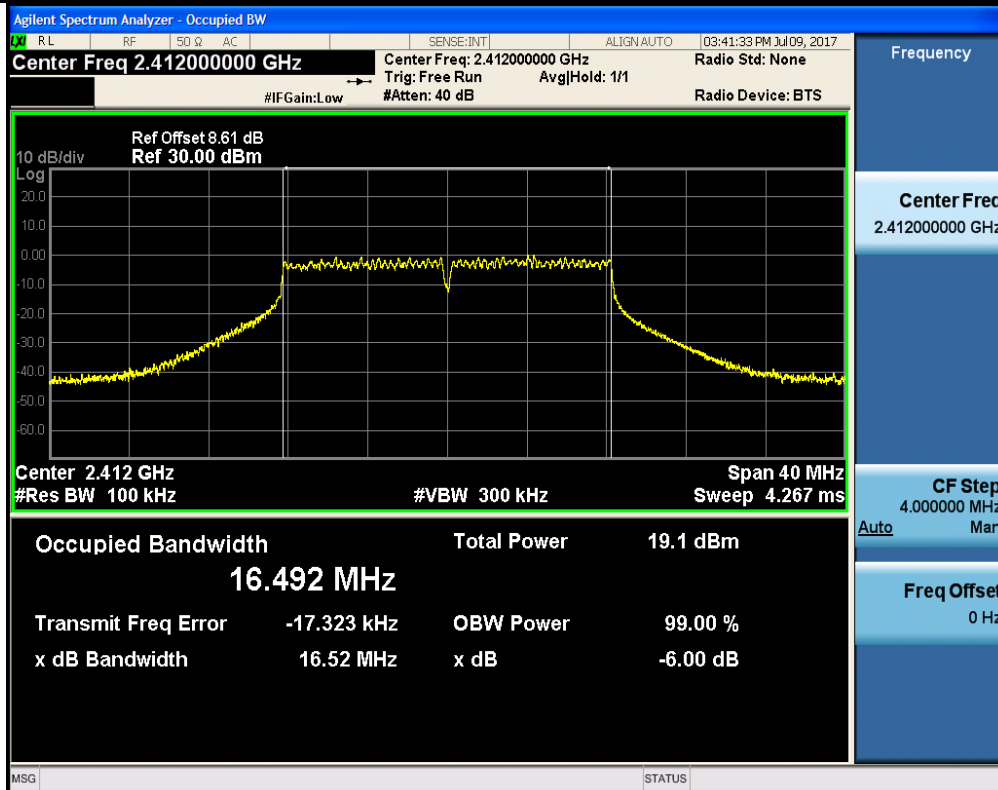
6dB Bandwidth_11B_2437



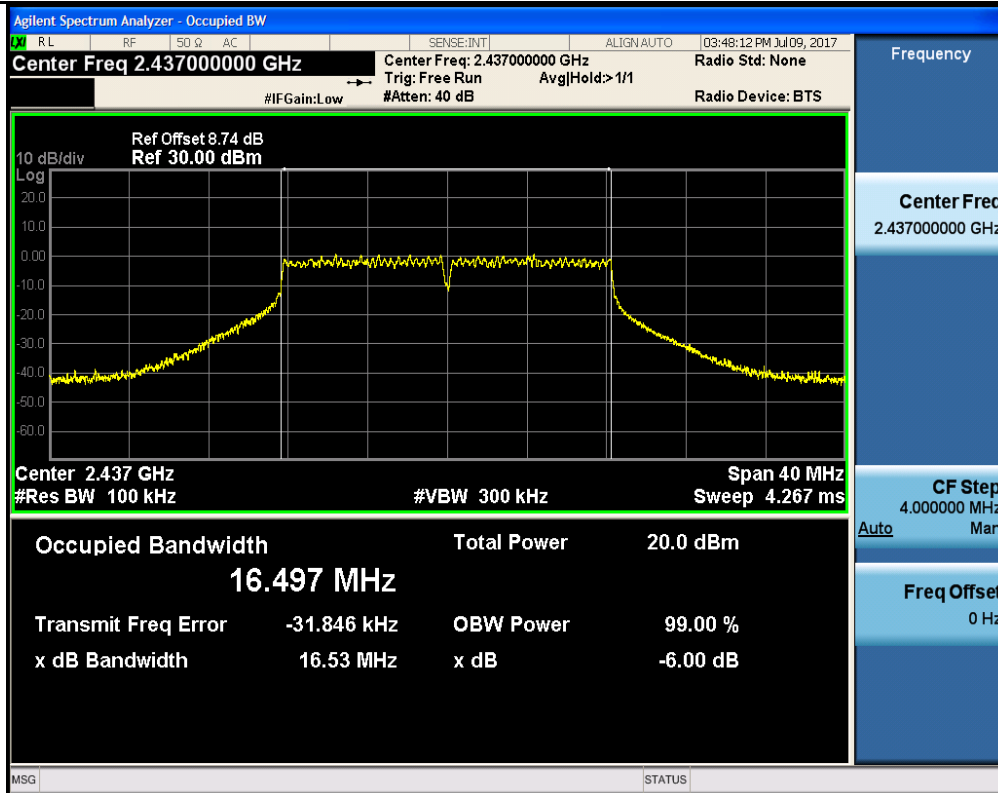
6dB Bandwidth_11B_2462



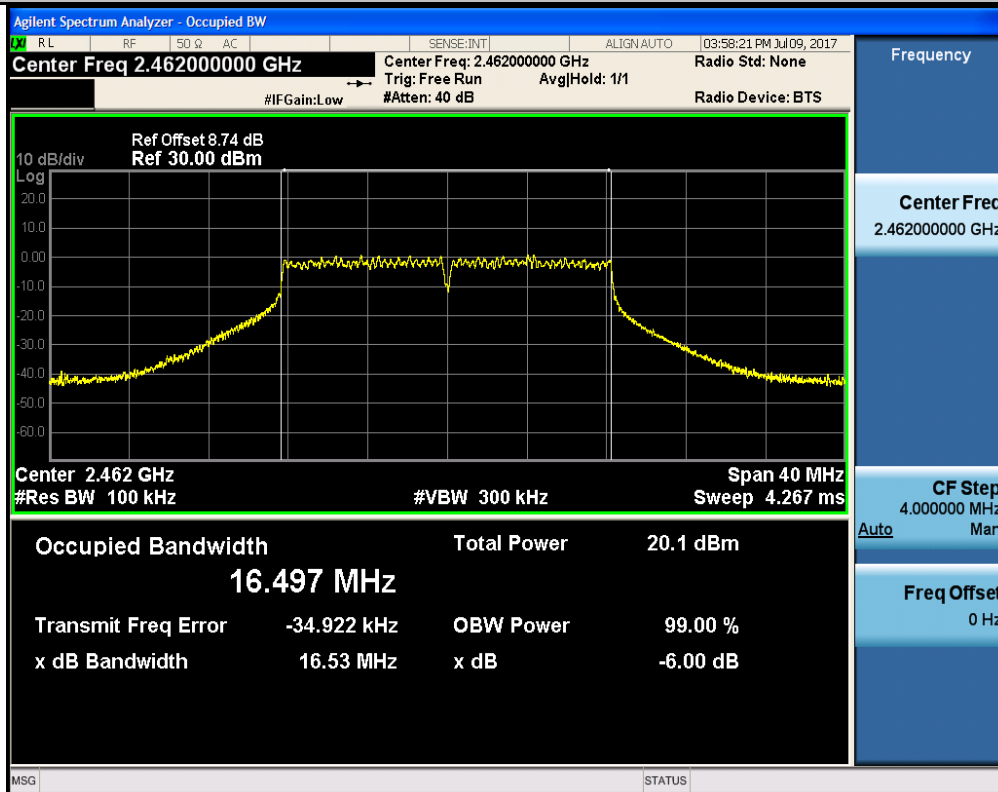
6dB Bandwidth_11G_2412



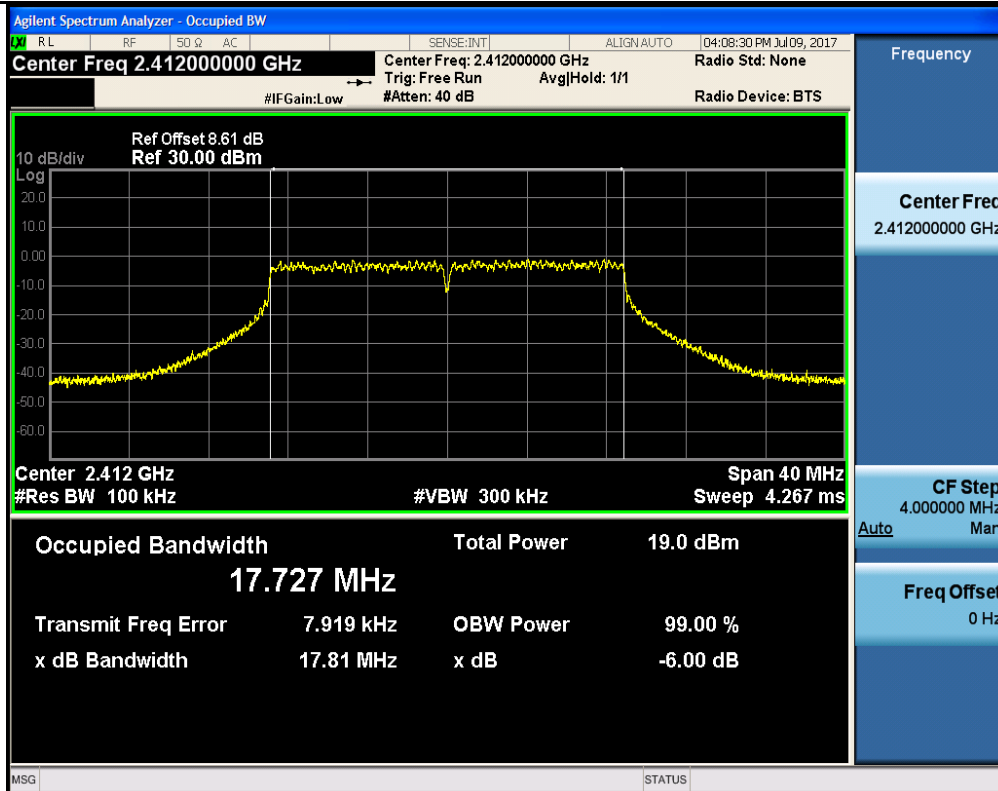
6dB Bandwidth_11G_2437



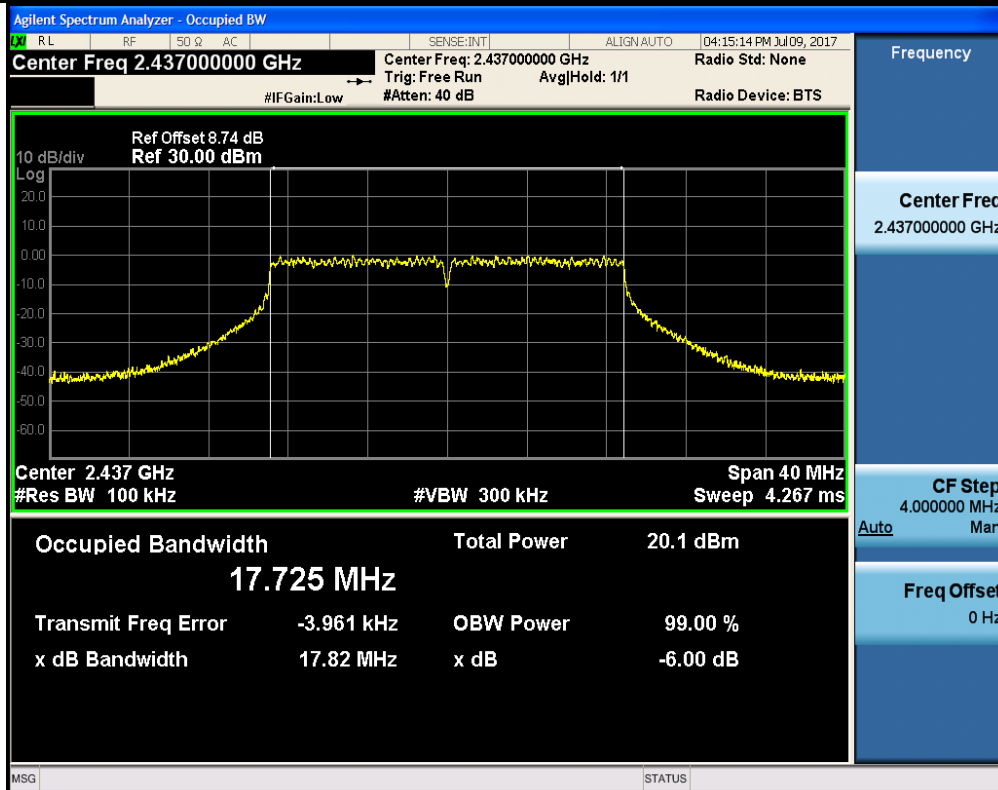
6dB Bandwidth_11G_2462



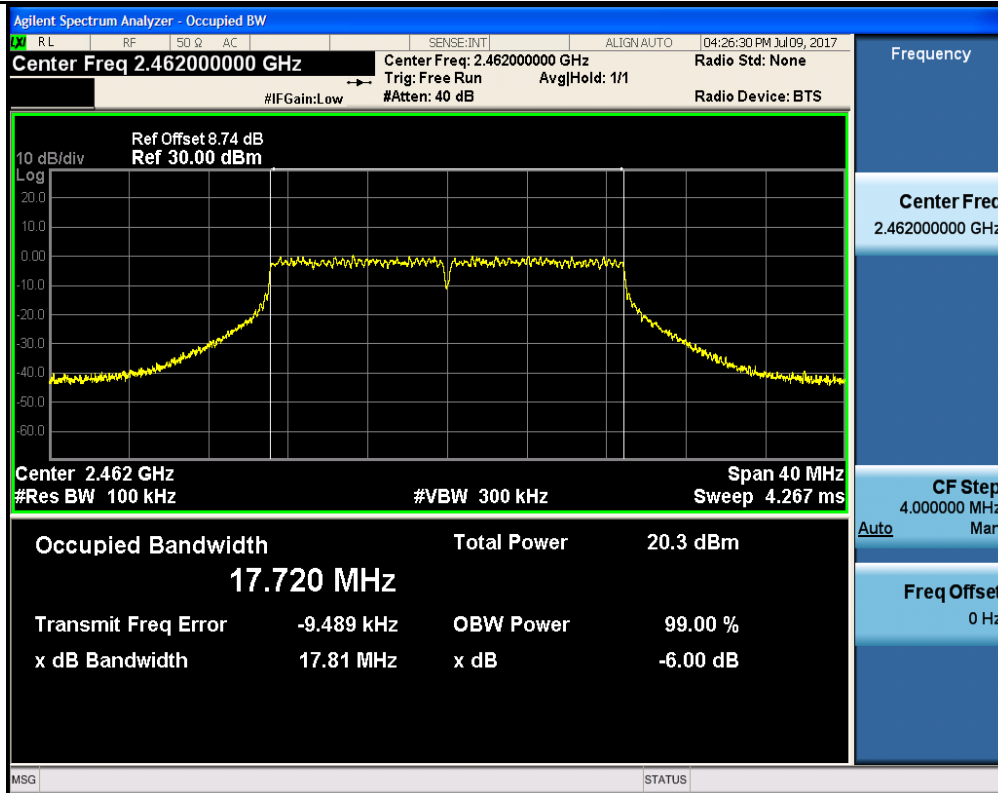
6dB Bandwidth_11N20SISO_2412



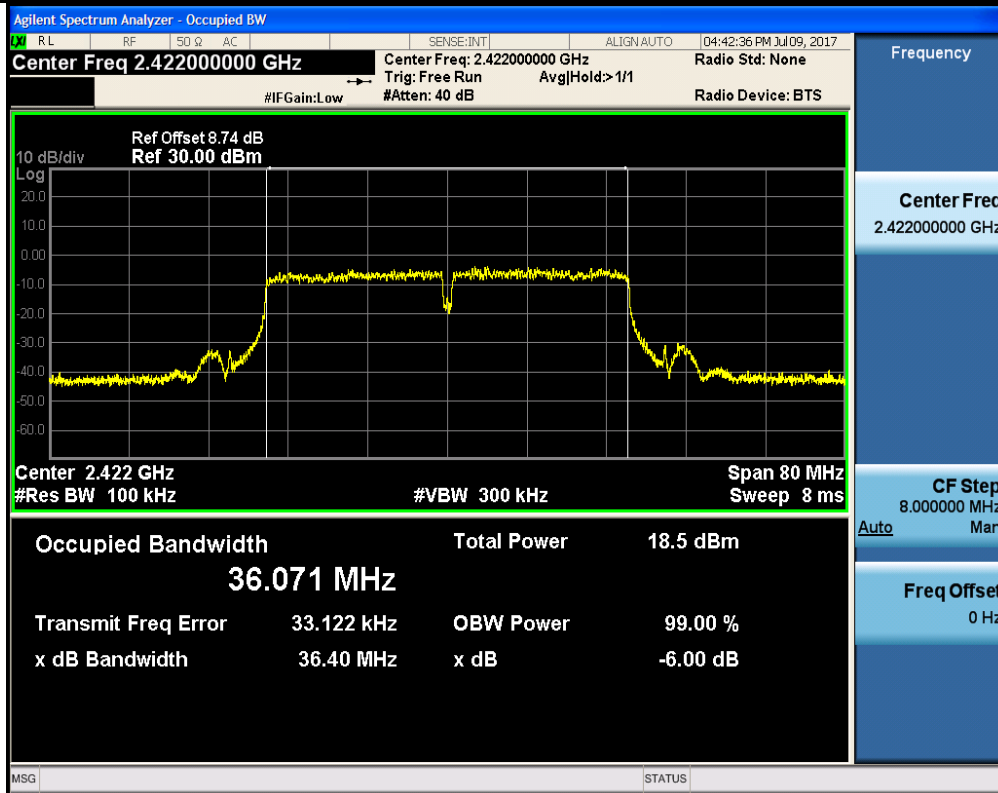
6dB Bandwidth_11N20SISO_2437



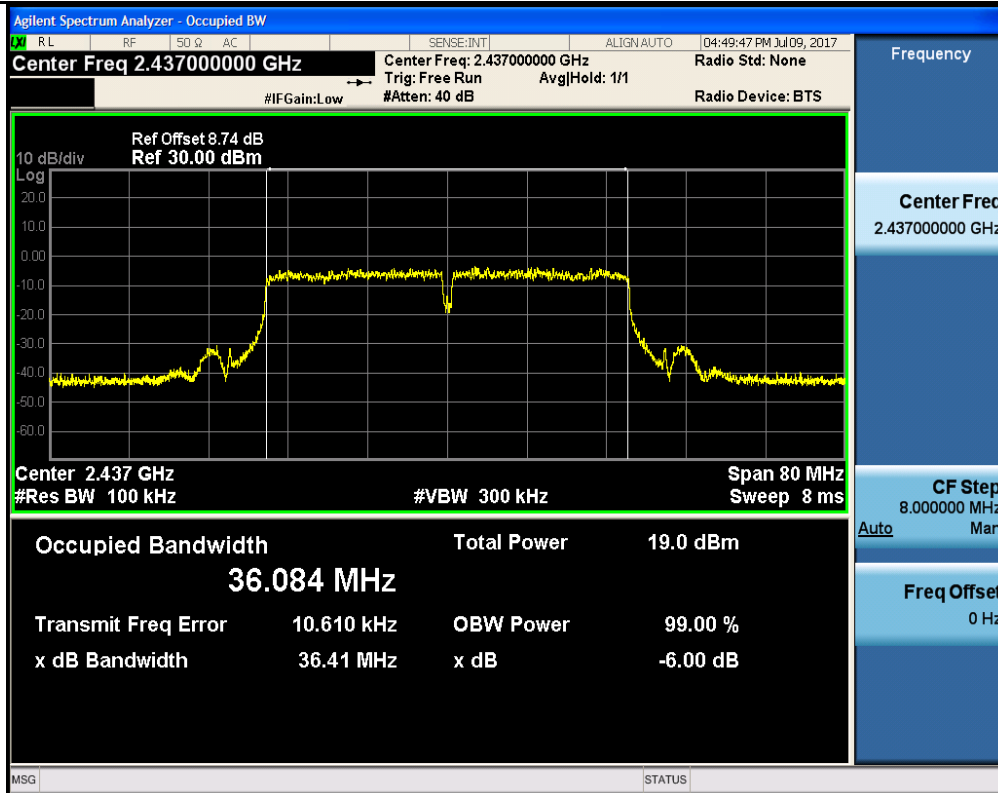
6dB Bandwidth_11N20SISO_2462



6dB Bandwidth_11N40SISO_2422



6dB Bandwidth_11N40SISO_2437



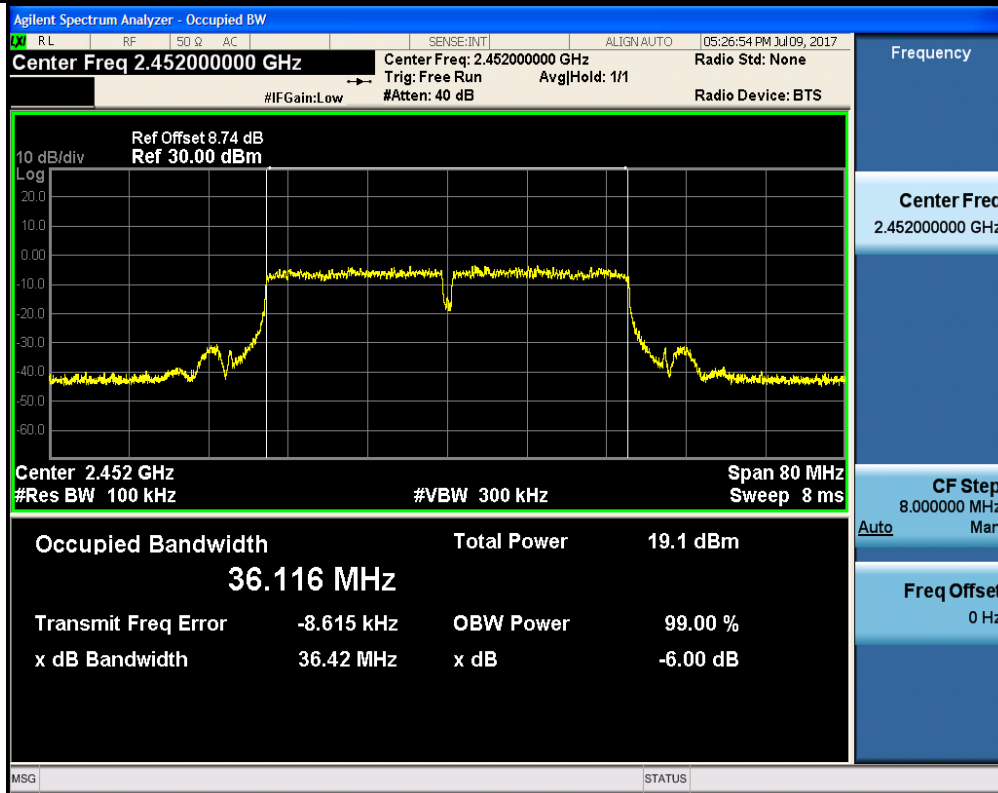
Frequency

Center Freq
2.437000000 GHz

CF Step
8.000000 MHz
Auto Man

Freq Offset
0 Hz

6dB Bandwidth_11N40SISO_2452



Frequency

Center Freq
2.452000000 GHz

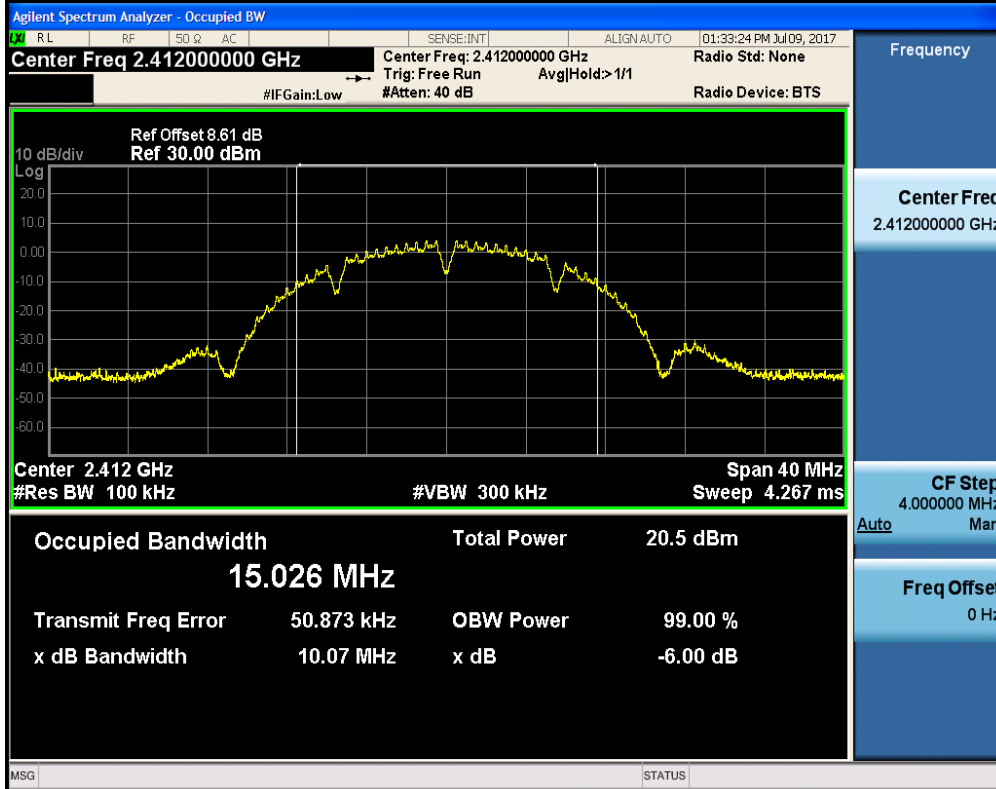
CF Step
8.000000 MHz
Auto Man

Freq Offset
0 Hz

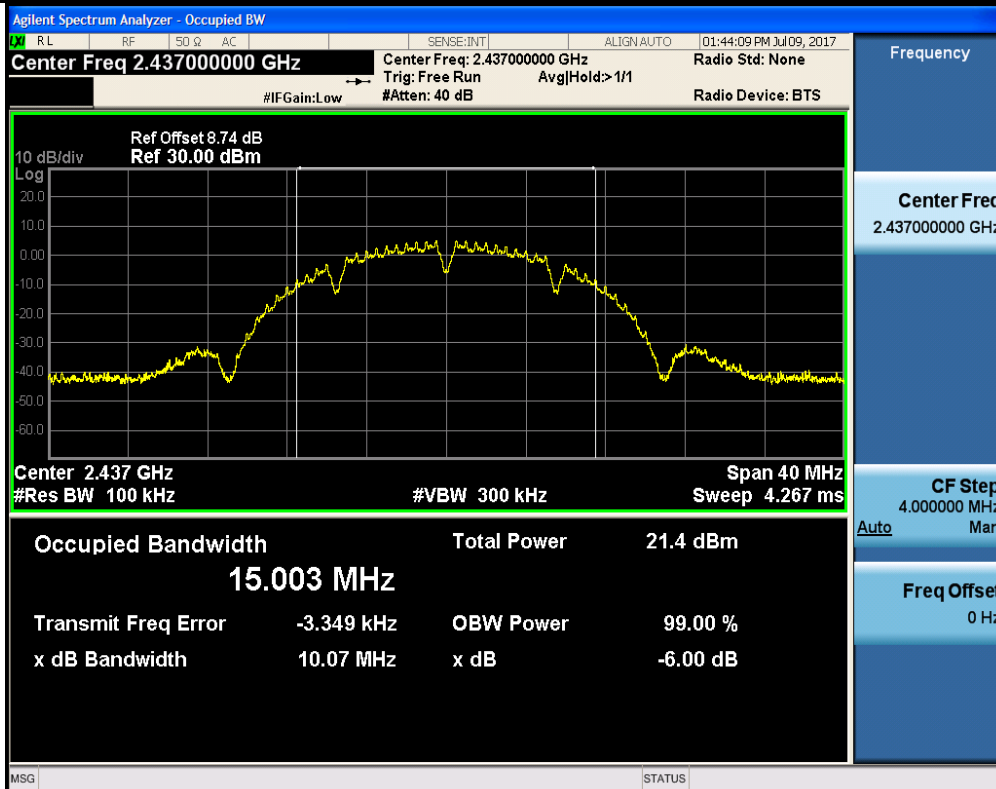
2.Occupied Bandwidth

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	15.026	---	PASS
11B	2437	15.003	---	PASS
11B	2462	14.983	---	PASS
11G	2412	16.494	---	PASS
11G	2437	16.497	---	PASS
11G	2462	16.497	---	PASS
11N20SISO	2412	17.731	---	PASS
11N20SISO	2437	17.729	---	PASS
11N20SISO	2462	17.717	---	PASS
11N40SISO	2422	36.066	---	PASS
11N40SISO	2437	36.097	---	PASS
11N40SISO	2452	36.114	---	PASS

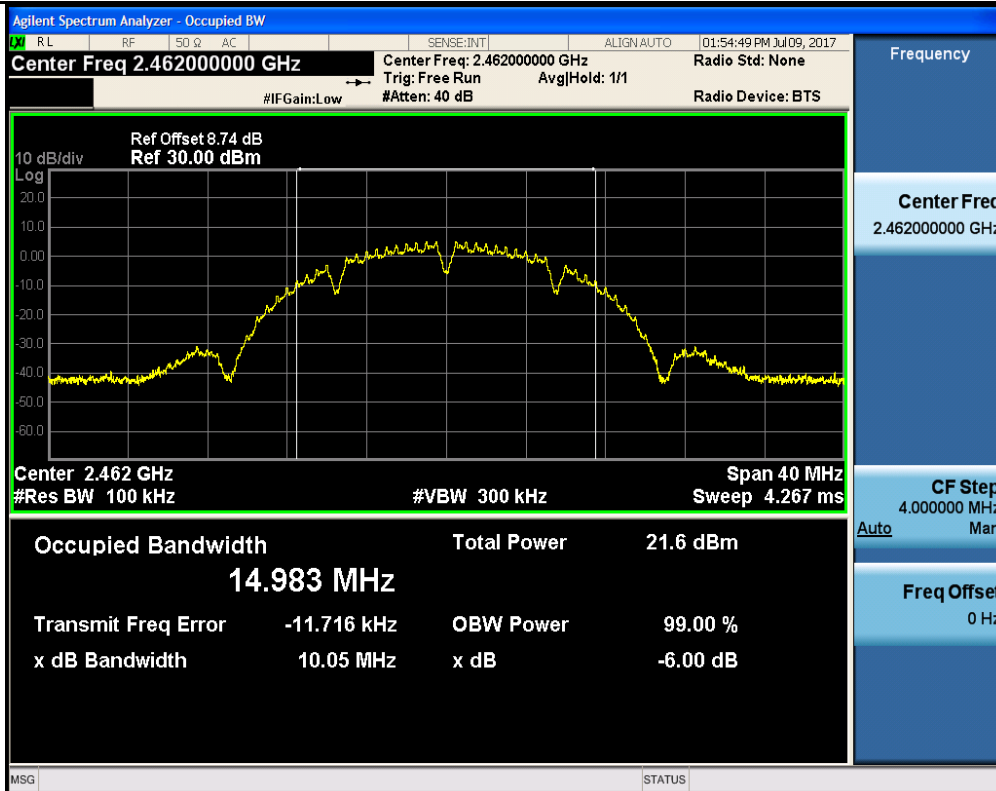
Occupied Bandwidth_11B_2412



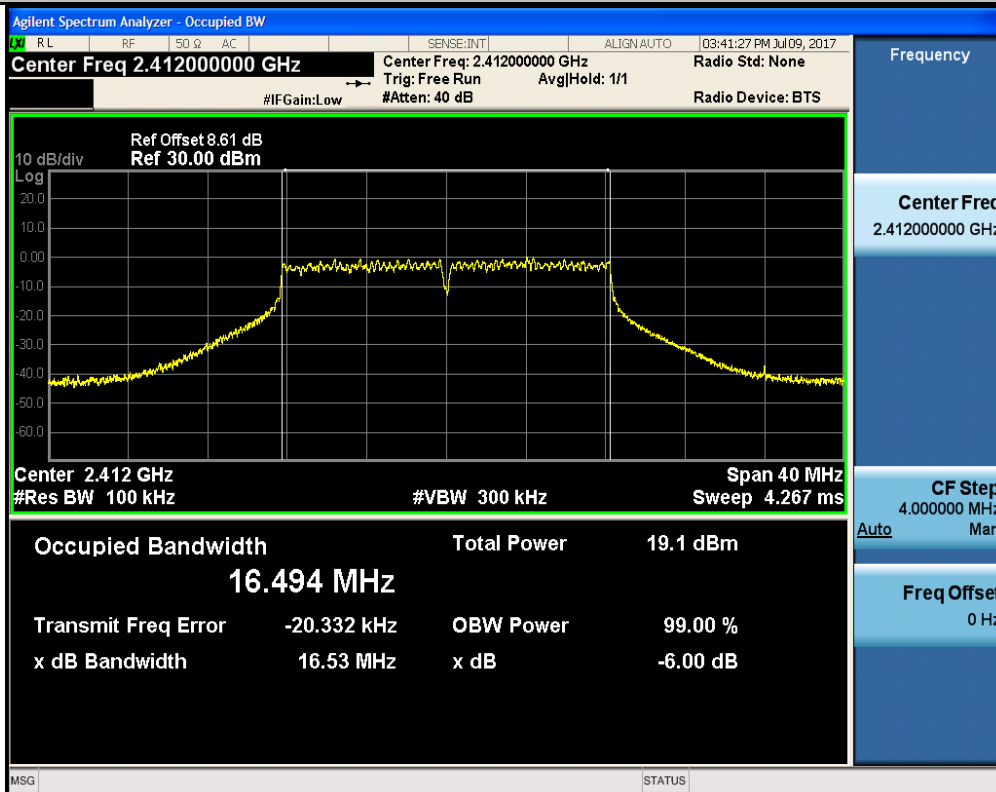
Occupied Bandwidth_11B_2437



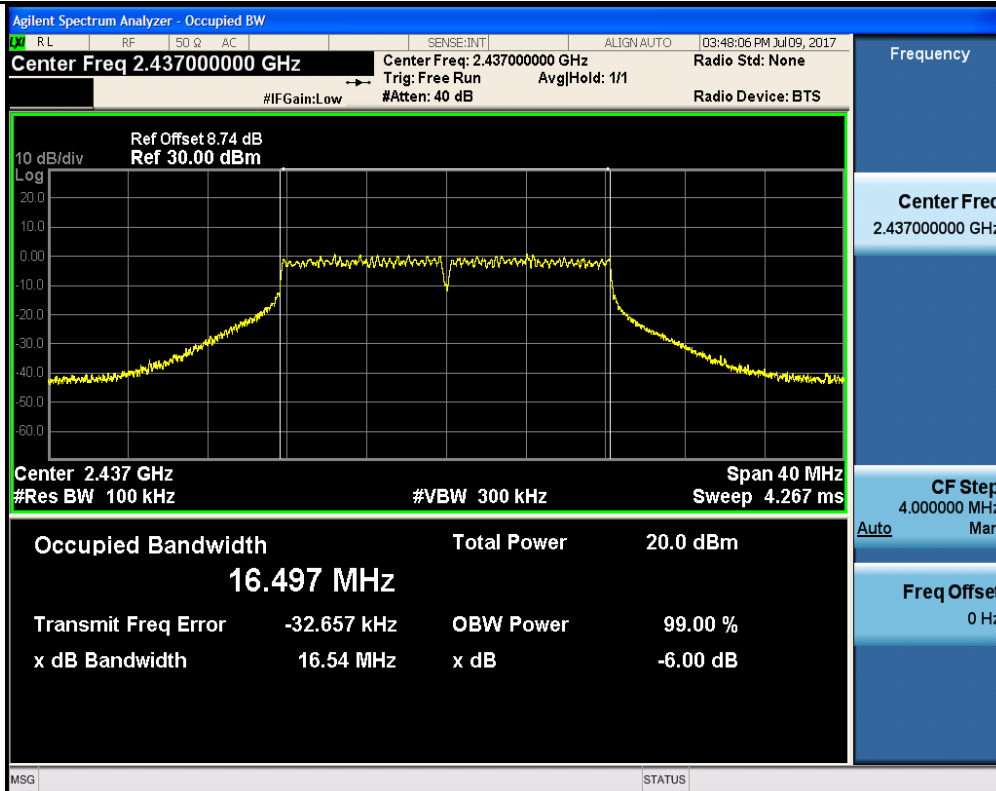
Occupied Bandwidth_11B_2462



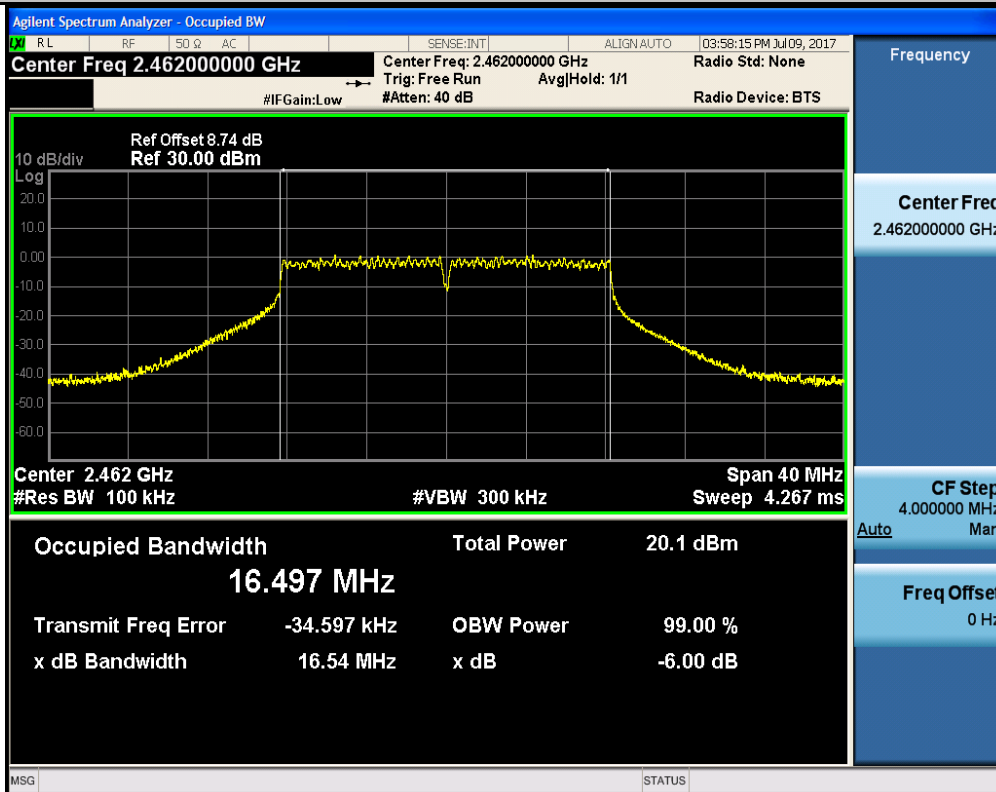
Occupied Bandwidth_11G_2412



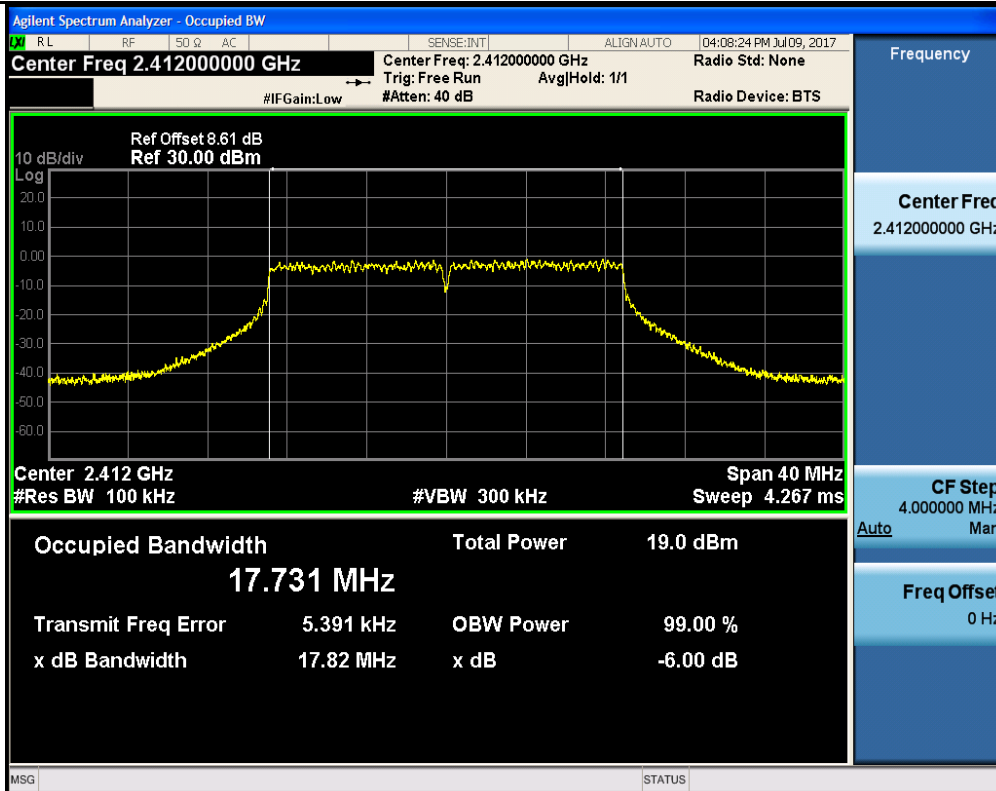
Occupied Bandwidth_11G_2437



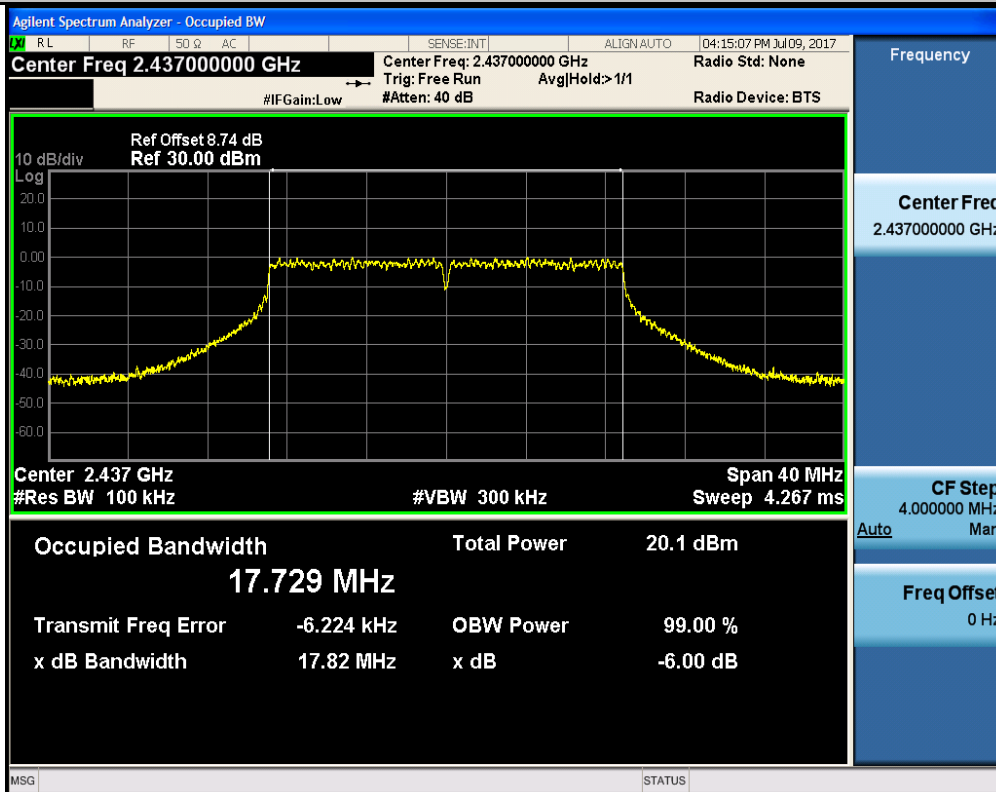
Occupied Bandwidth_11G_2462



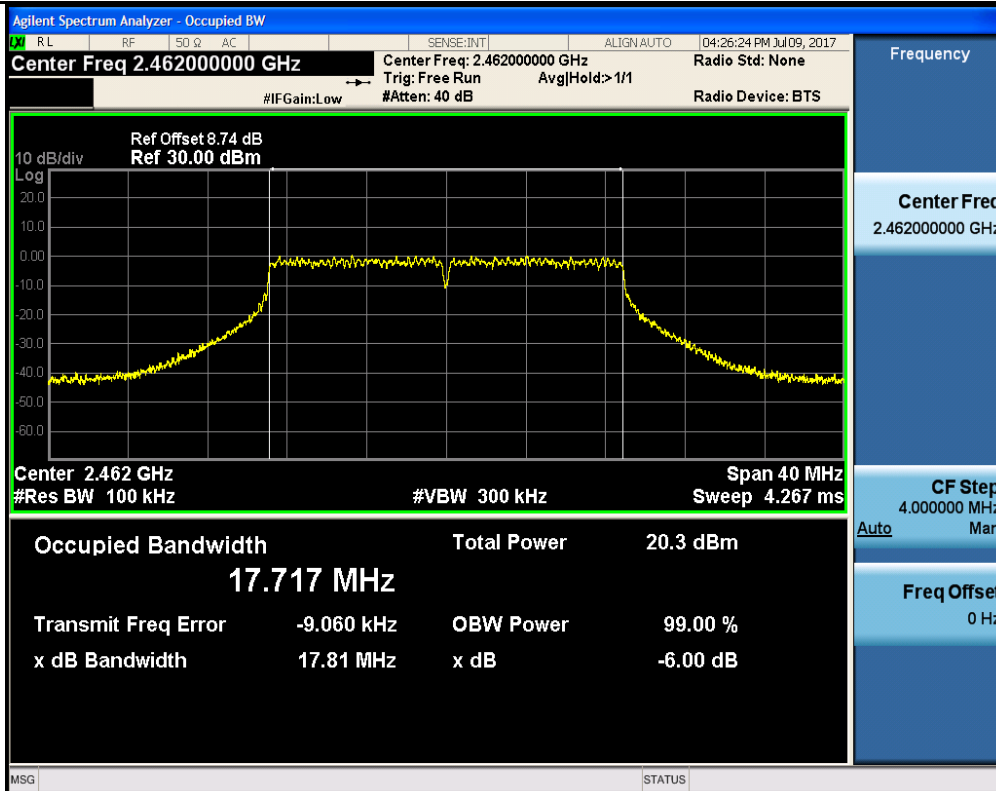
Occupied Bandwidth_11N20SISO_2412



Occupied Bandwidth_11N20SISO_2437



Occupied Bandwidth_11N20SISO_2462



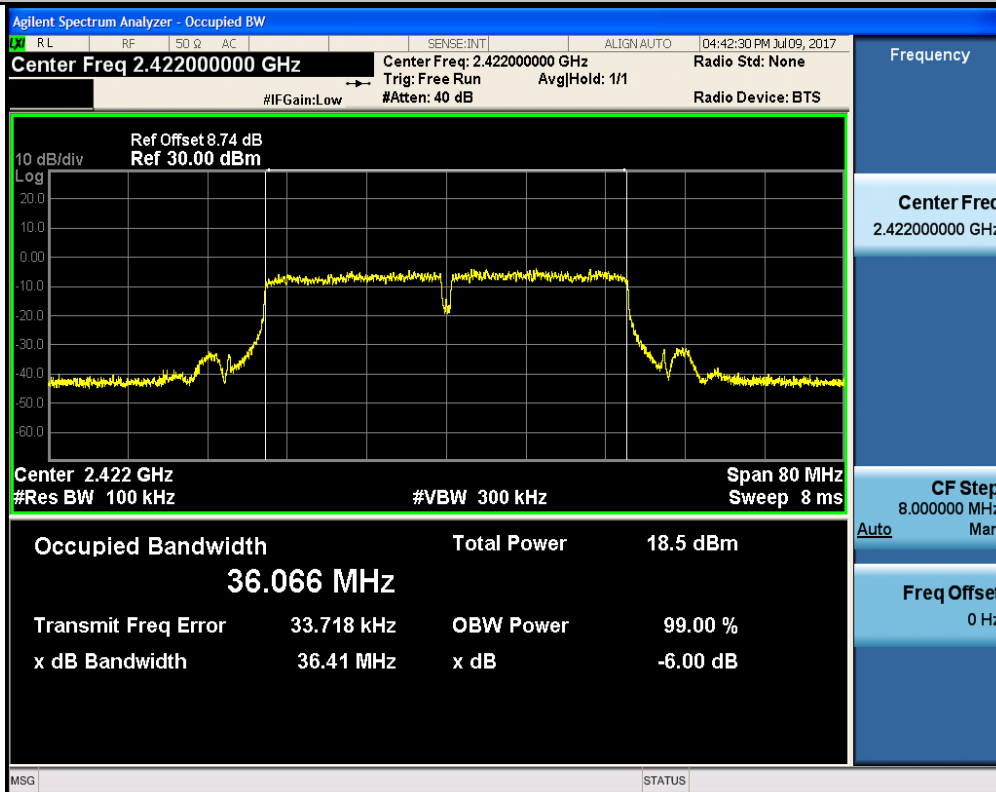
Frequency

Center Freq
2.462000000 GHz

CF Step
4.000000 MHz
Auto Man

Freq Offset
0 Hz

Occupied Bandwidth_11N40SISO_2422



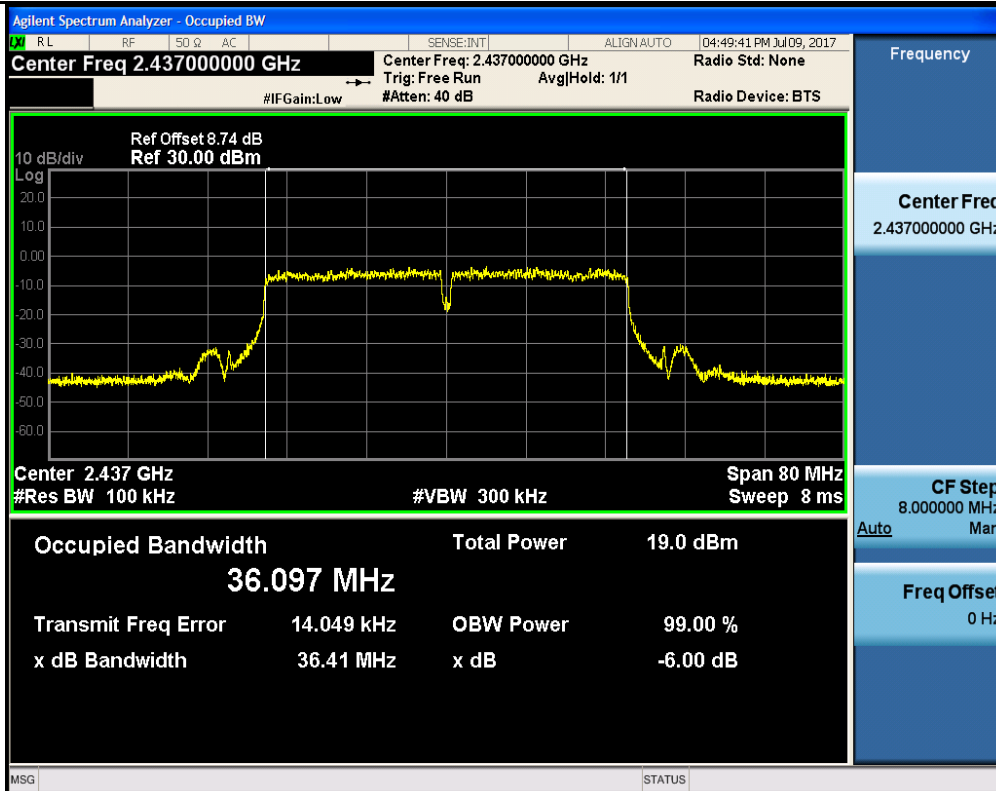
Frequency

Center Freq
2.422000000 GHz

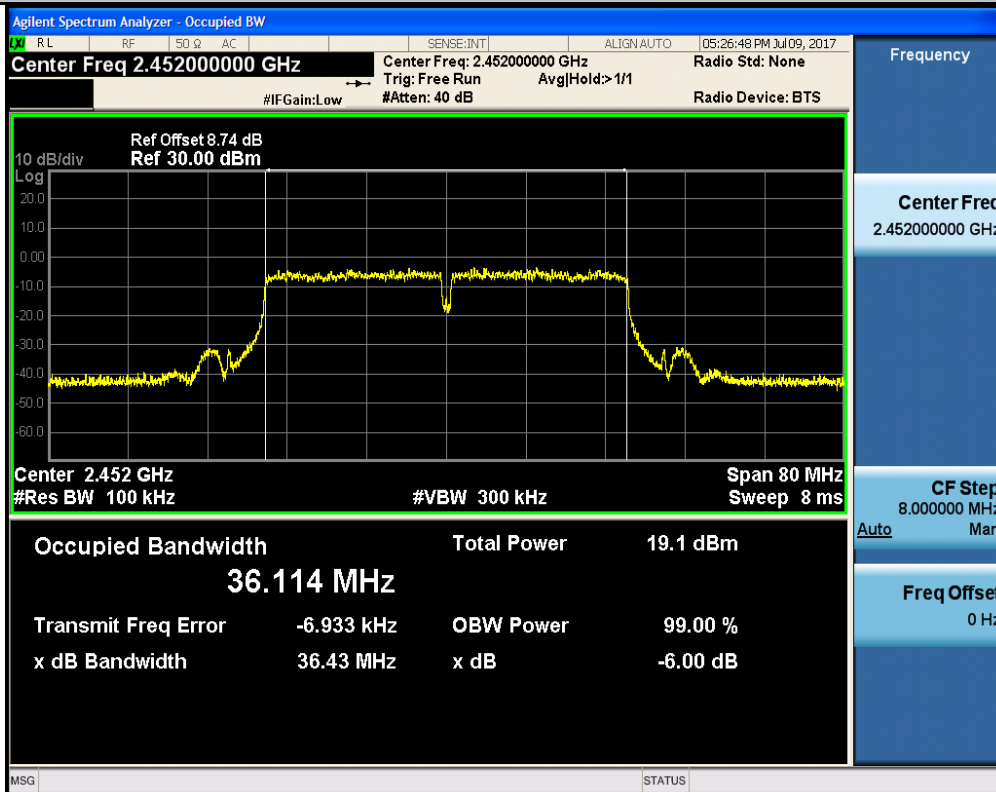
CF Step
8.000000 MHz
Auto Man

Freq Offset
0 Hz

Occupied Bandwidth_11N40SISO_2437



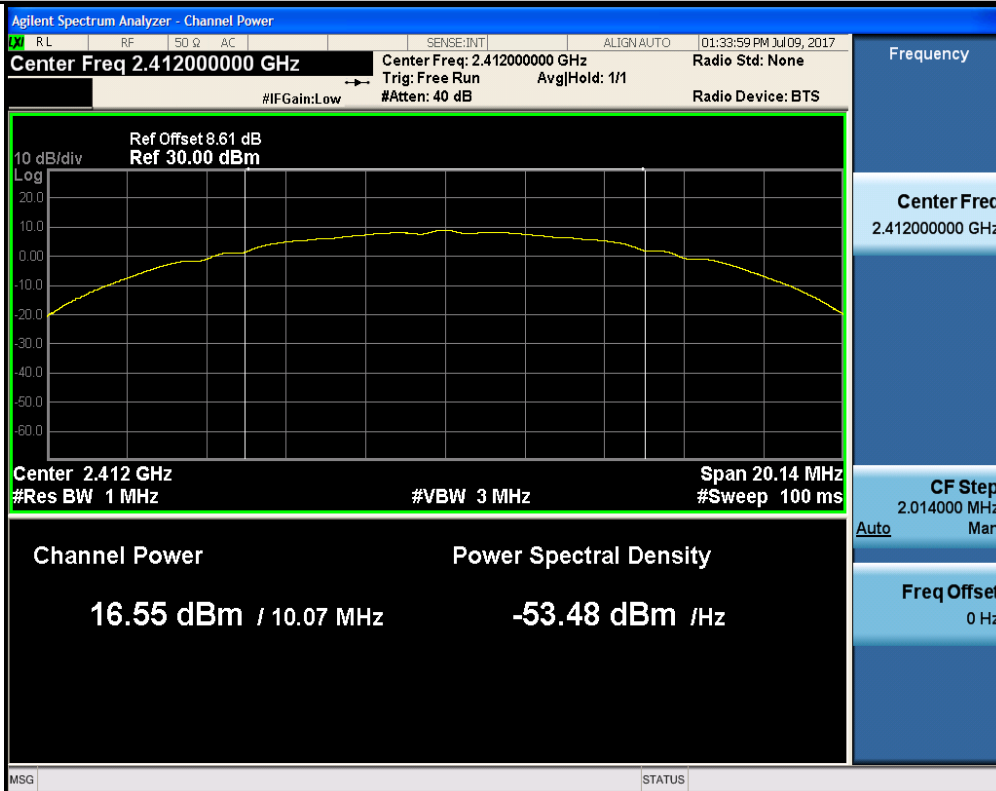
Occupied Bandwidth_11N40SISO_2452



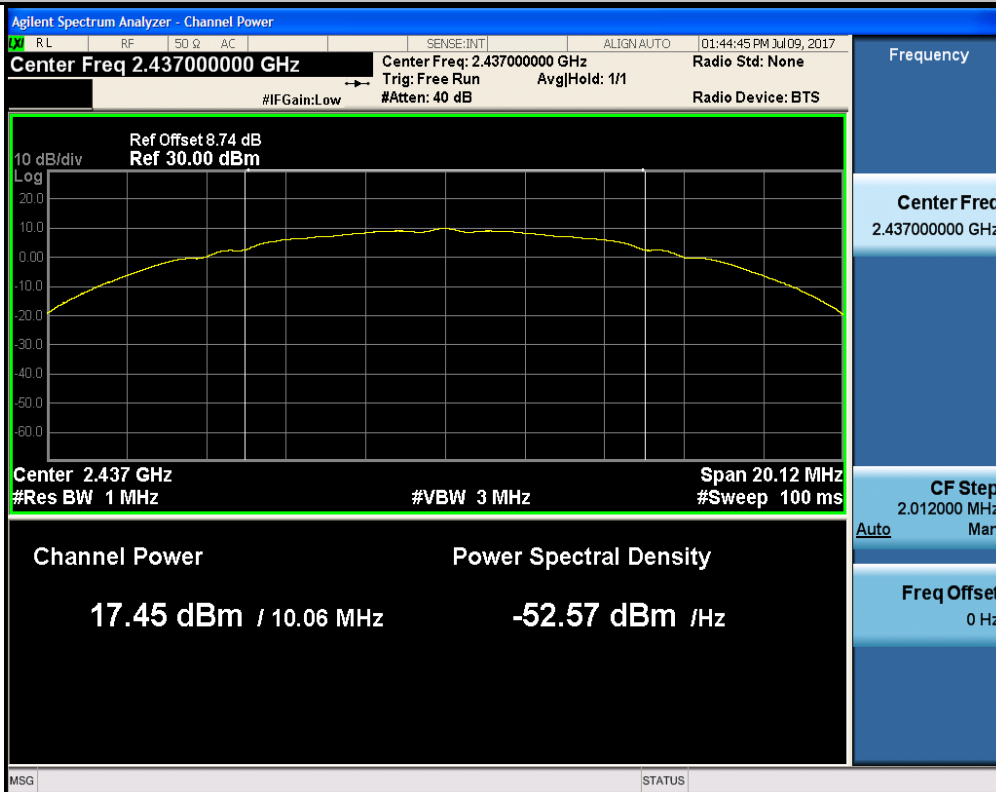
3.Maximum peak conducted output power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
11B	2412	16.55	30	PASS
11B	2437	17.45	30	PASS
11B	2462	17.59	30	PASS
11G	2412	20.7	30	PASS
11G	2437	21.56	30	PASS
11G	2462	21.63	30	PASS
11N20SISO	2412	20.32	30	PASS
11N20SISO	2437	21.35	30	PASS
11N20SISO	2462	21.51	30	PASS
11N40SISO	2422	19.97	30	PASS
11N40SISO	2437	20.42	30	PASS
11N40SISO	2452	20.53	30	PASS

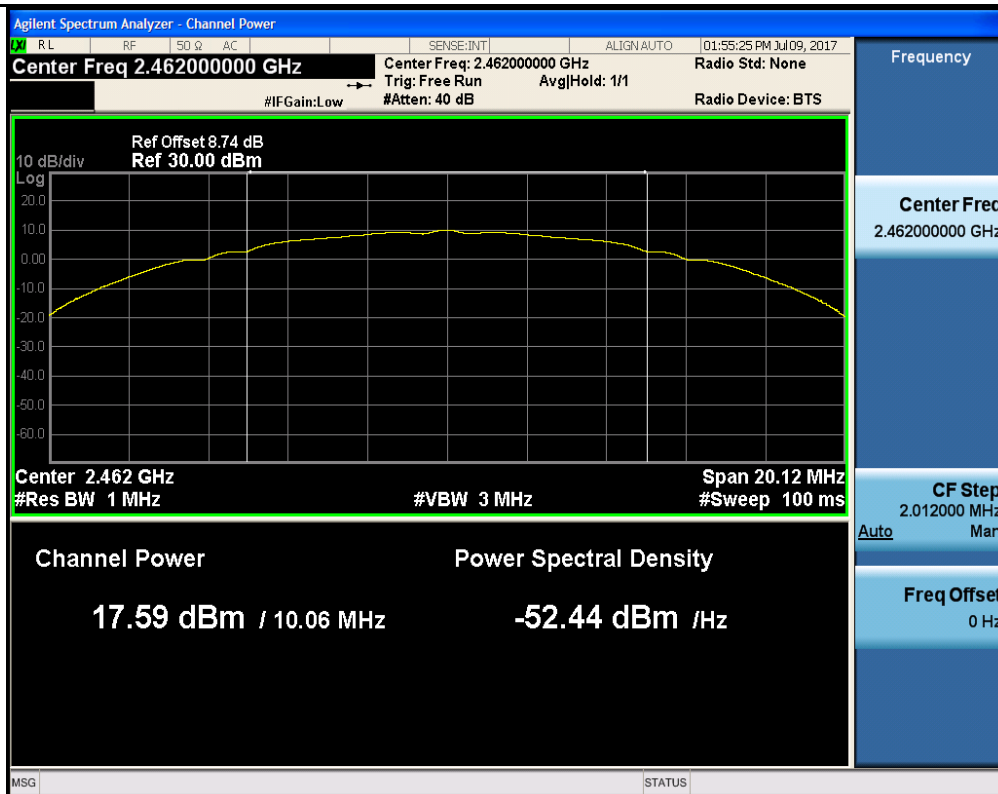
Maximum peak conducted output power_11B_2412



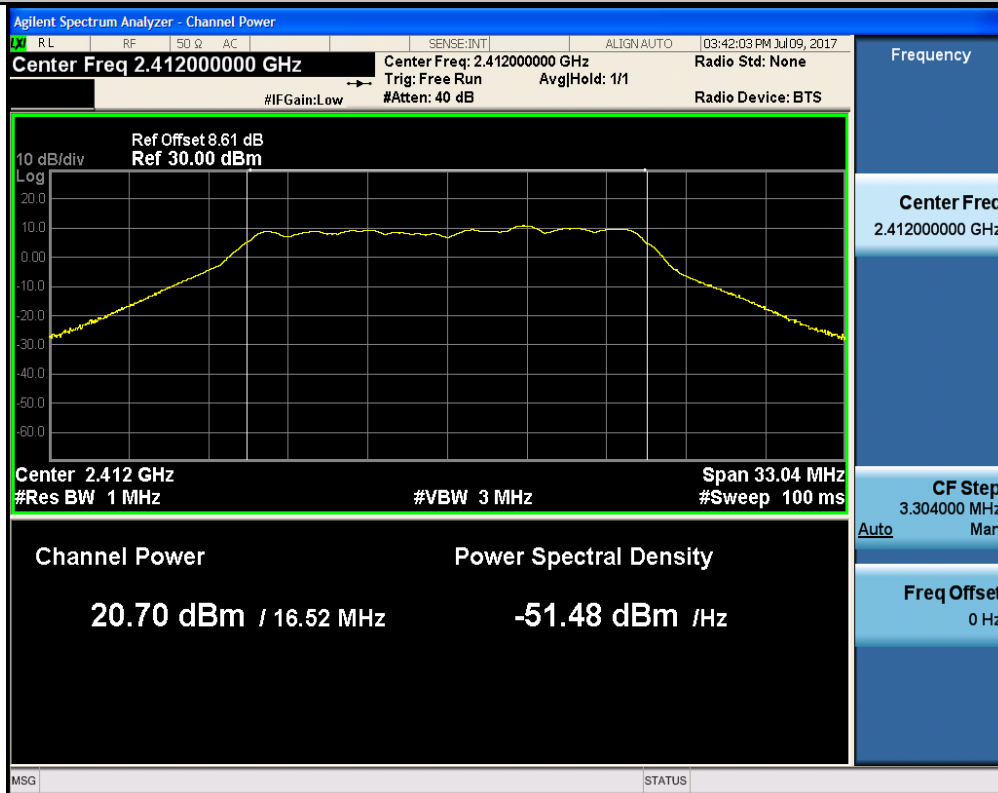
Maximum peak conducted output power_11B_2437



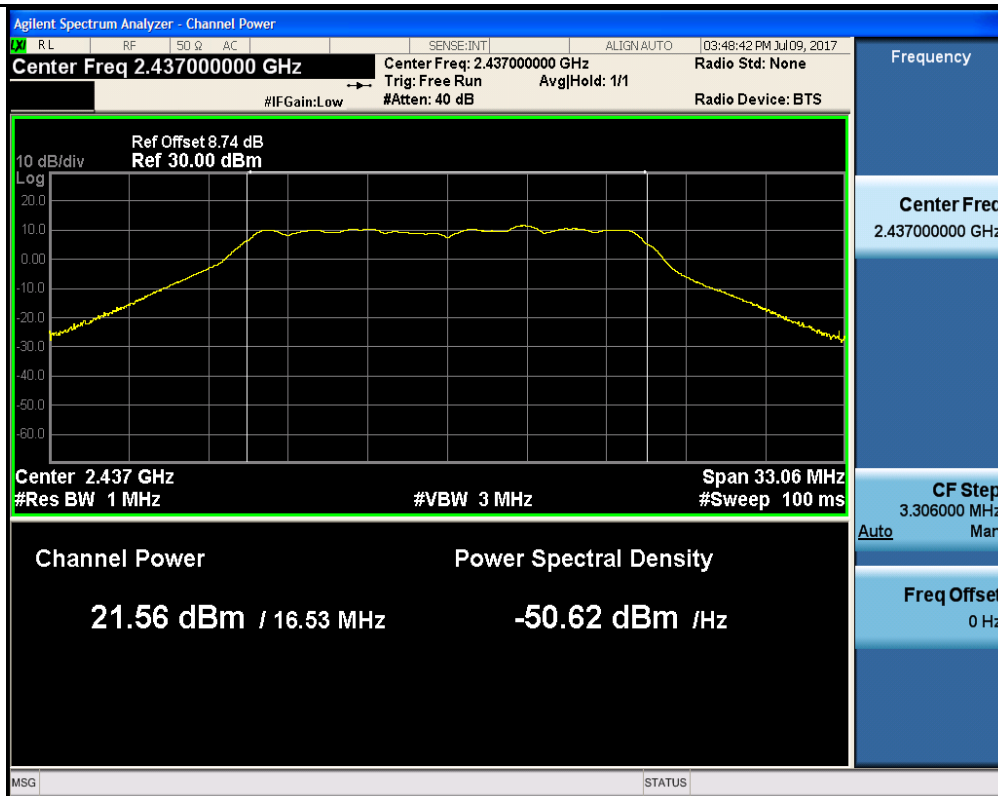
Maximum peak conducted output power_11B_2462



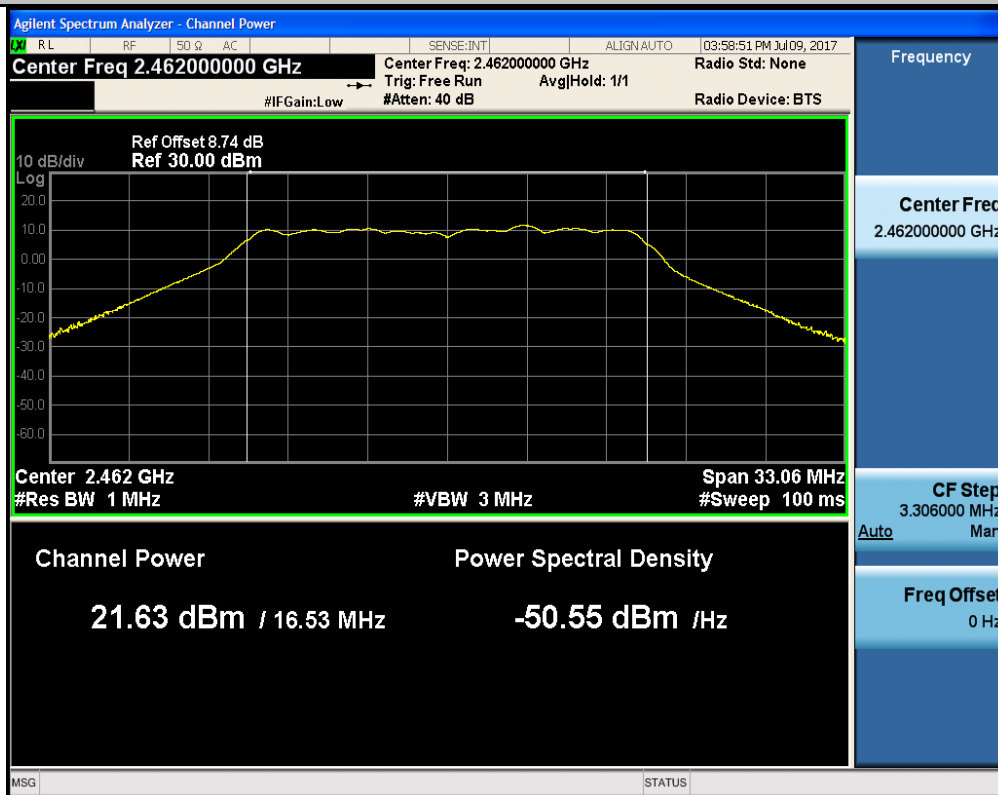
Maximum peak conducted output power_11G_2412



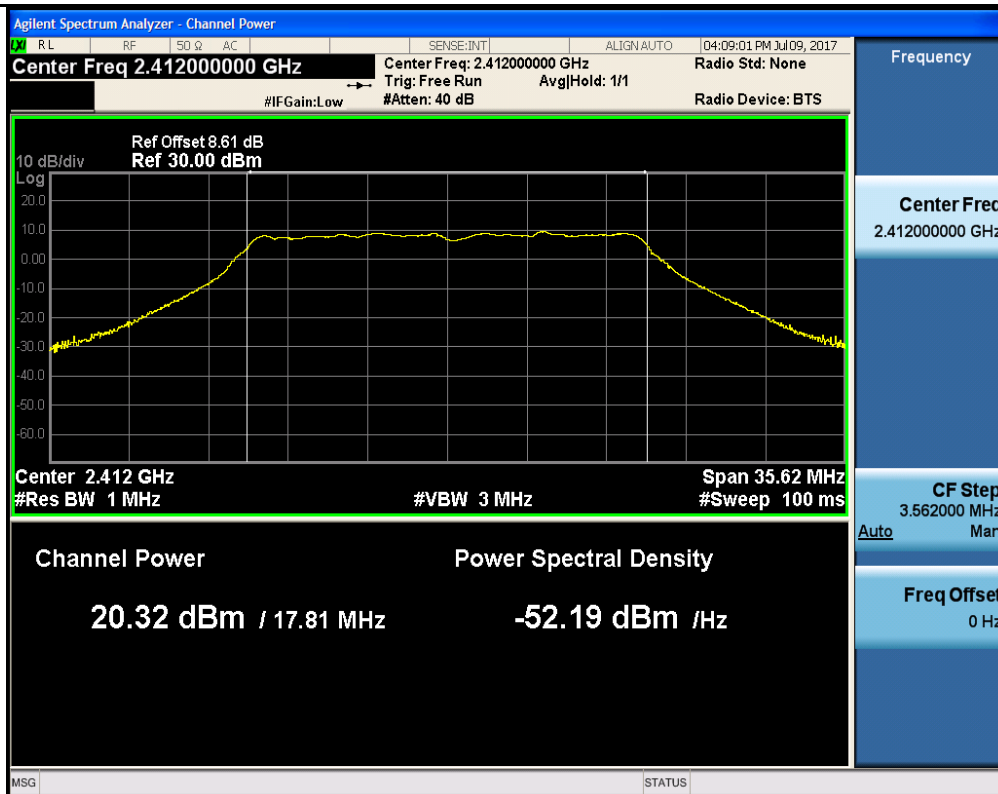
Maximum peak conducted output power_11G_2437



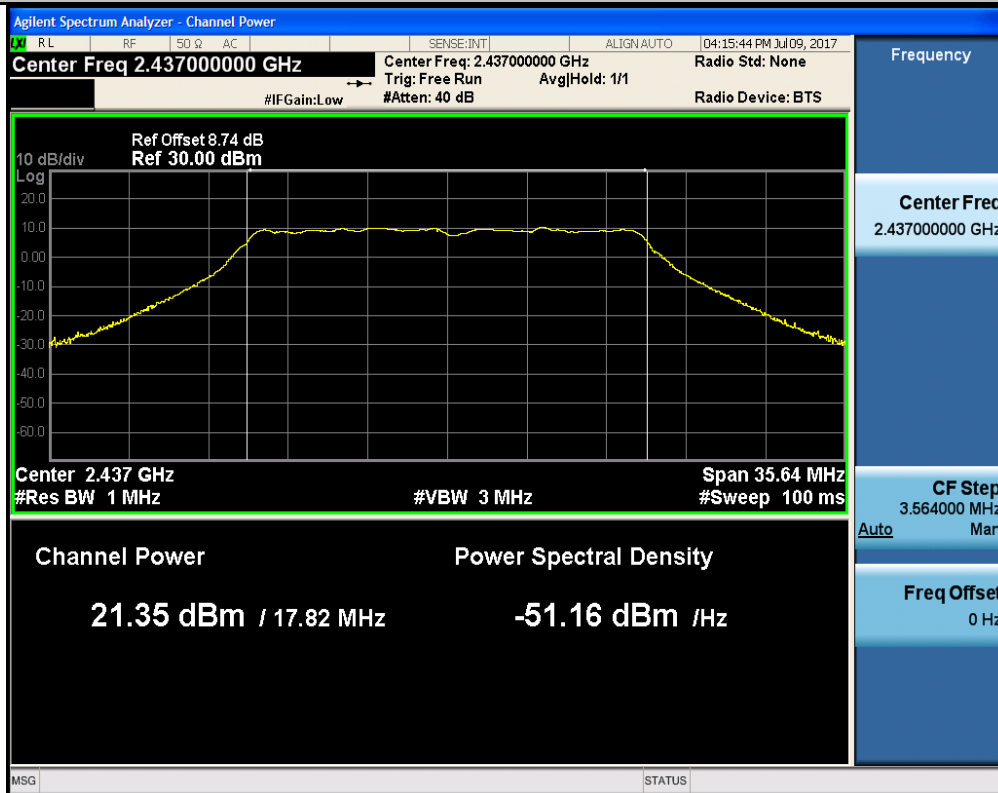
Maximum peak conducted output power_11G_2462



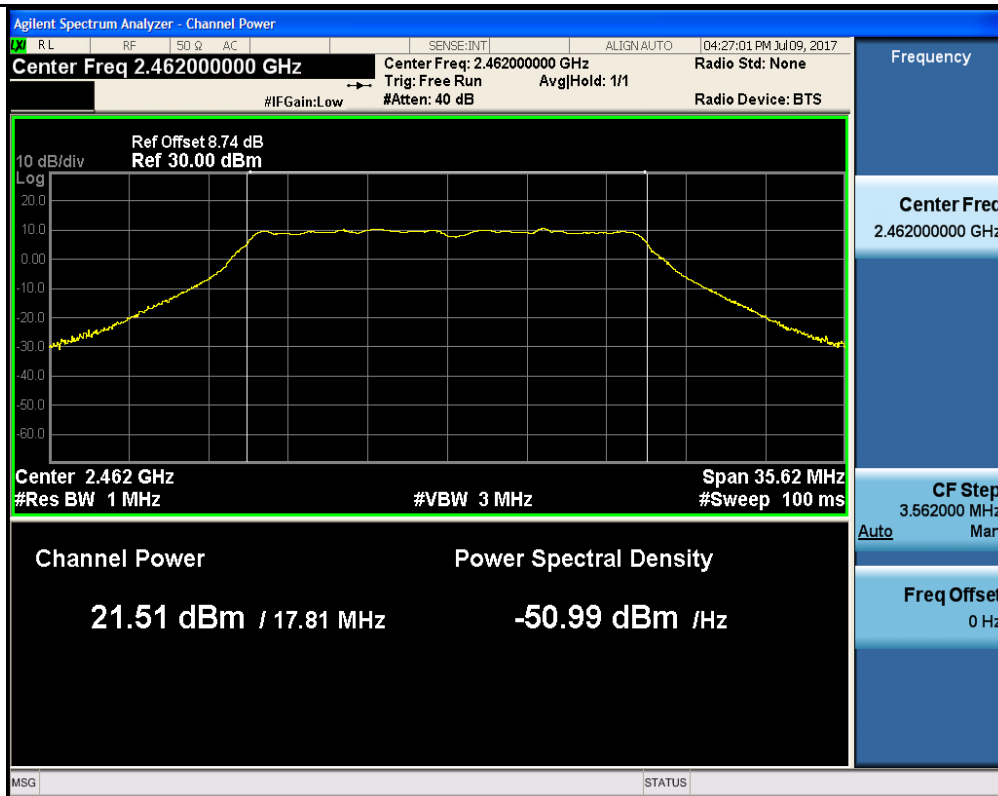
Maximum peak conducted output power_11N20SISO_2412



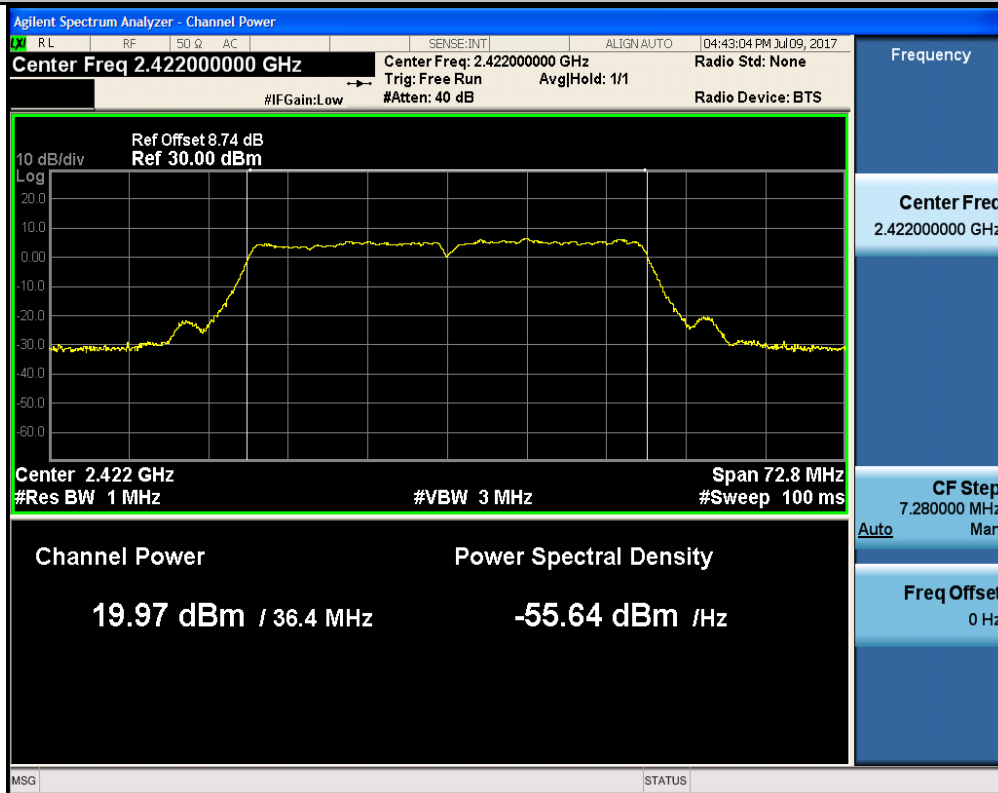
Maximum peak conducted output power_11N20SISO_2437



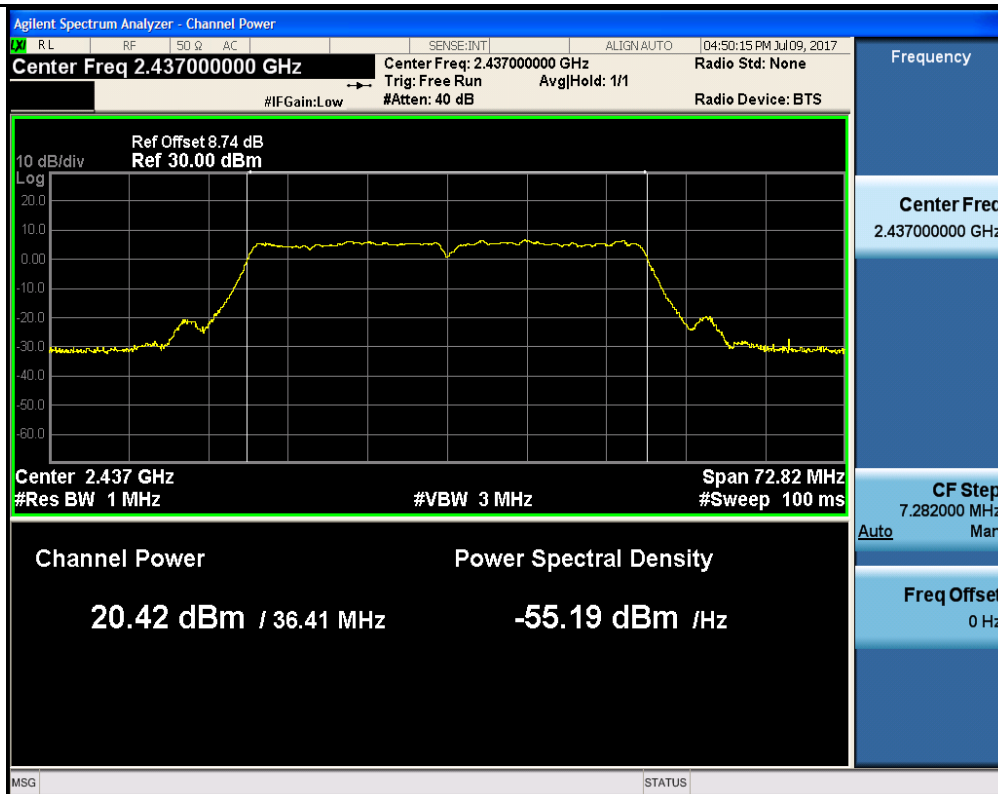
Maximum peak conducted output power_11N20SISO_2462



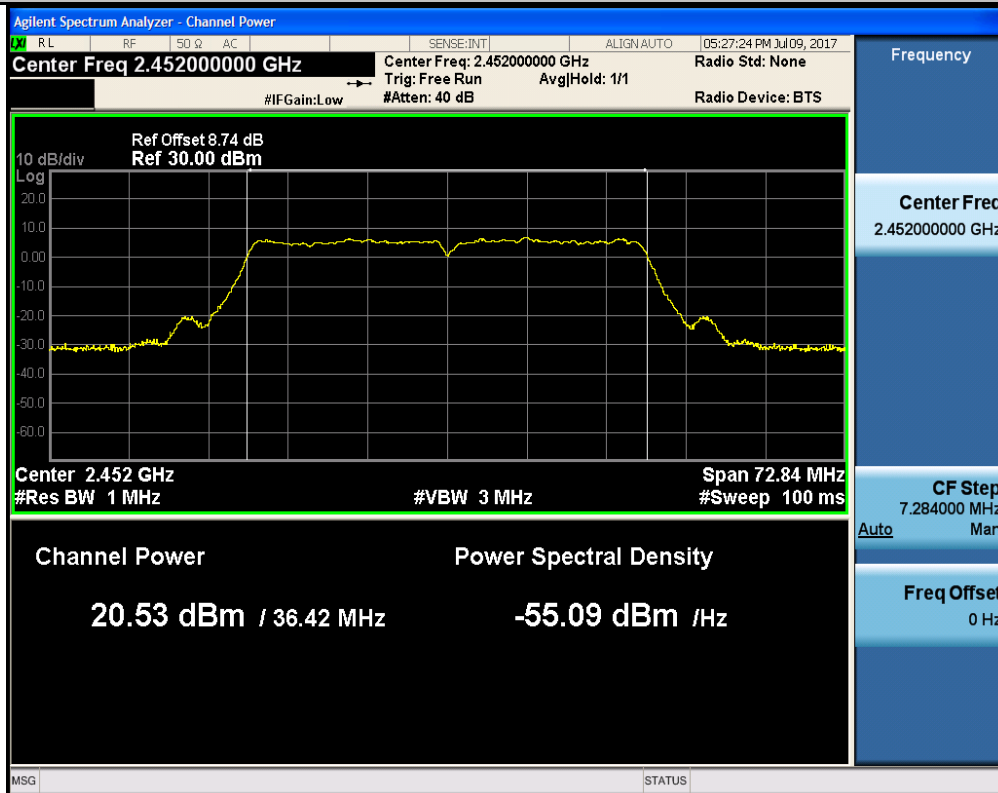
Maximum peak conducted output power_11N40SISO_2422



Maximum peak conducted output power_11N40SISO_2437



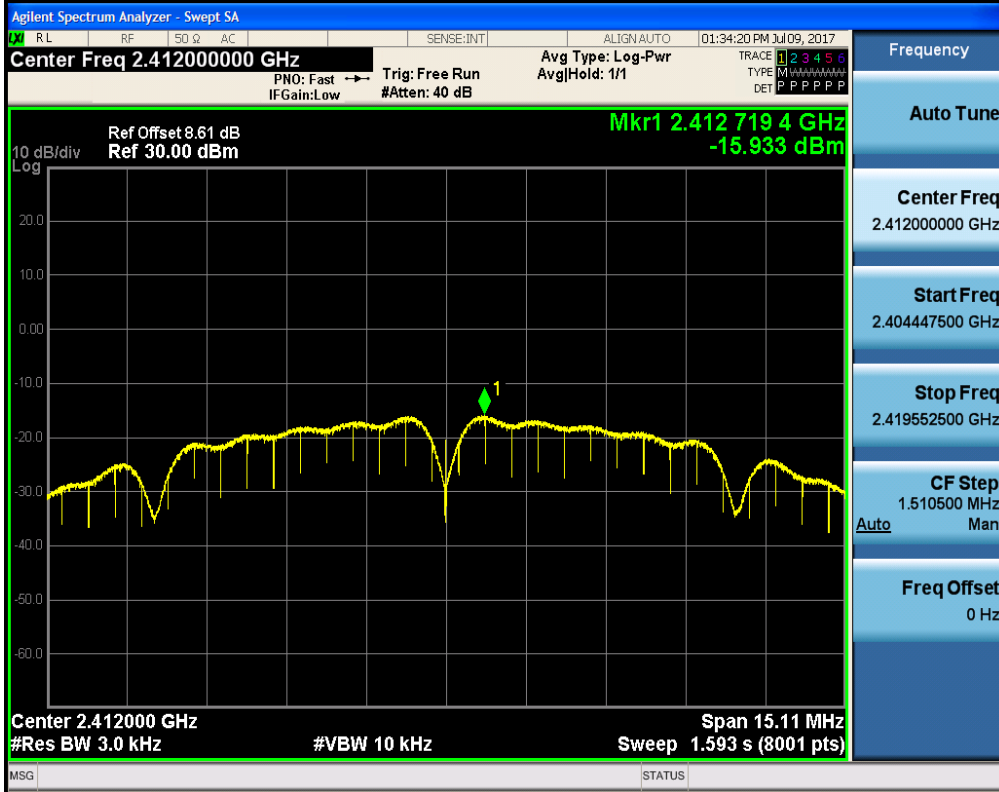
Maximum peak conducted output power_11N40ISO_2452



4. Maximum Peak power spectral density

Test Mode	Test Channel	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-15.933	8.00	PASS
11B	2437	-15.068	8.00	PASS
11B	2462	-14.963	8.00	PASS
11G	2412	-14.023	8.00	PASS
11G	2437	-13.388	8.00	PASS
11G	2462	-13.243	8.00	PASS
11N20SISO	2412	-14.526	8.00	PASS
11N20SISO	2437	-13.557	8.00	PASS
11N20SISO	2462	-13.515	8.00	PASS
11N40SISO	2422	-16.971	8.00	PASS
11N40SISO	2437	-16.595	8.00	PASS
11N40SISO	2452	-16.928	8.00	PASS

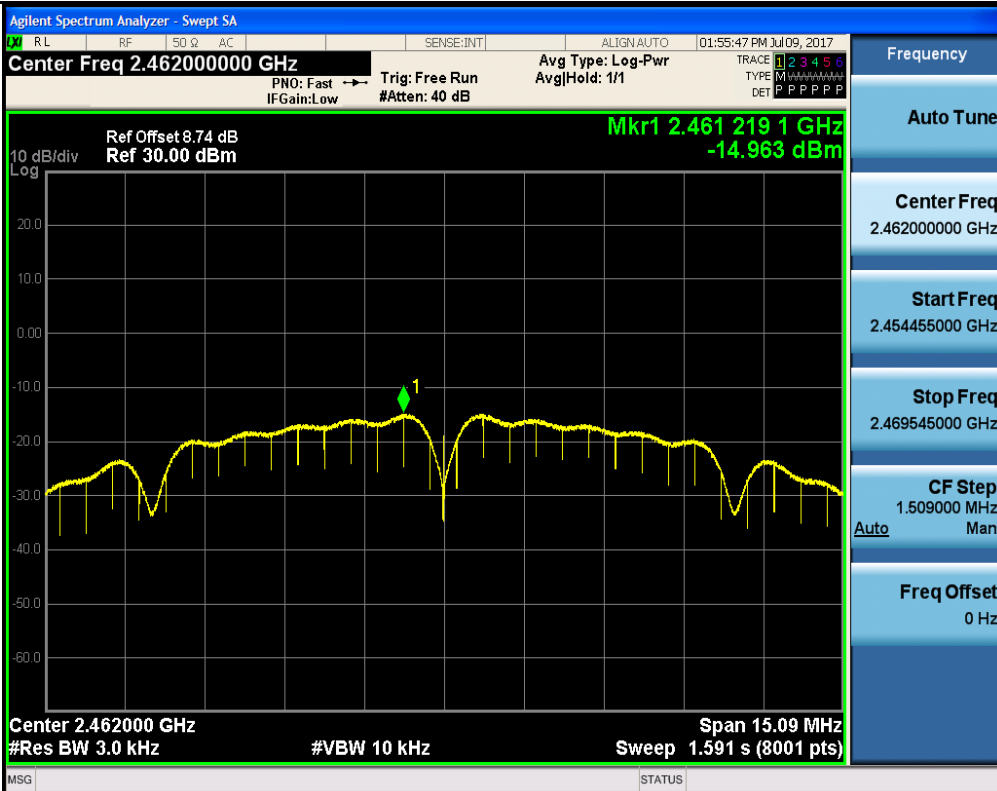
Maximum Peak power spectral density_11B_2412



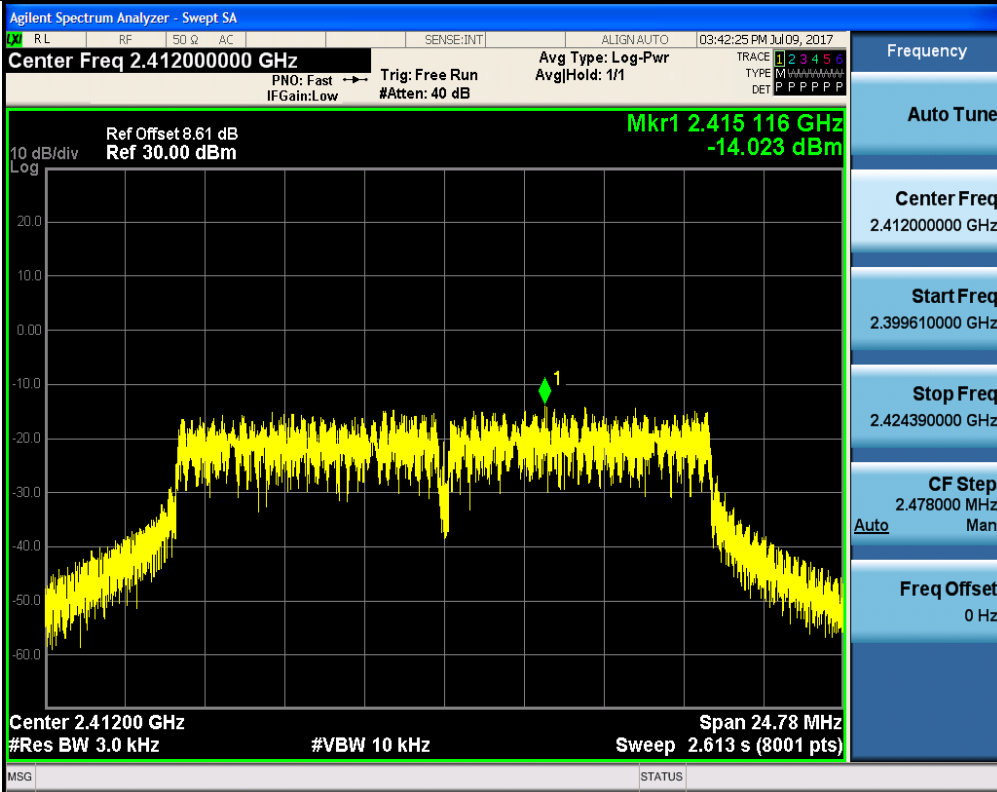
Maximum Peak power spectral density_11B_2437



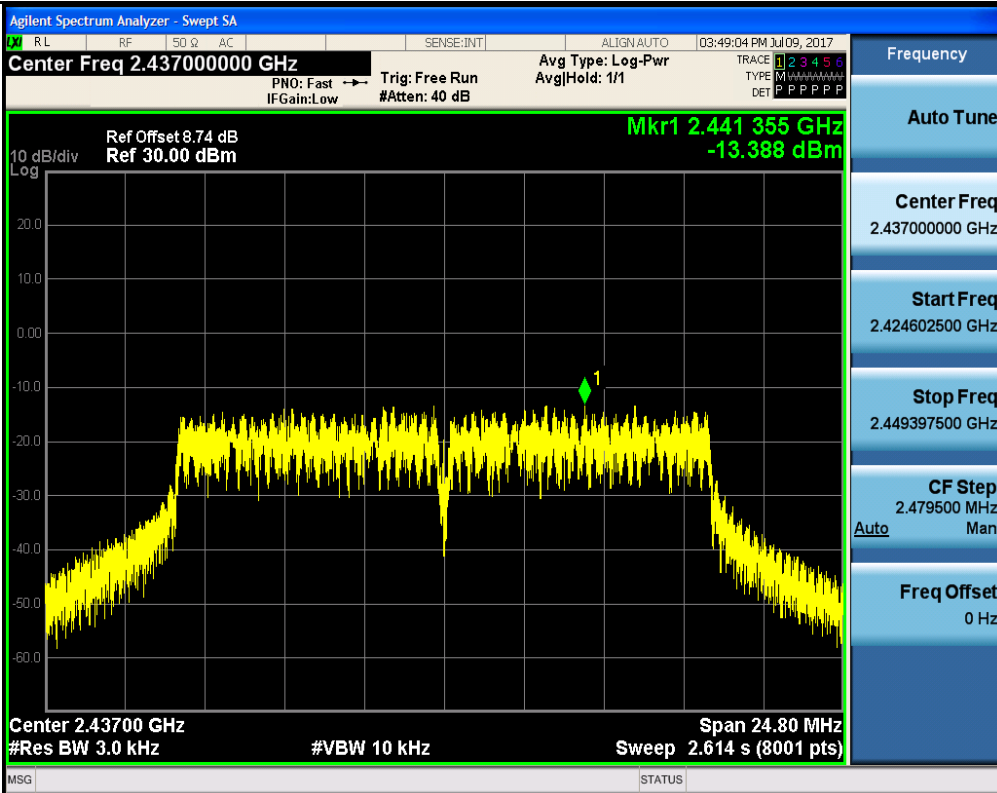
Maximum Peak power spectral density_11B_2462



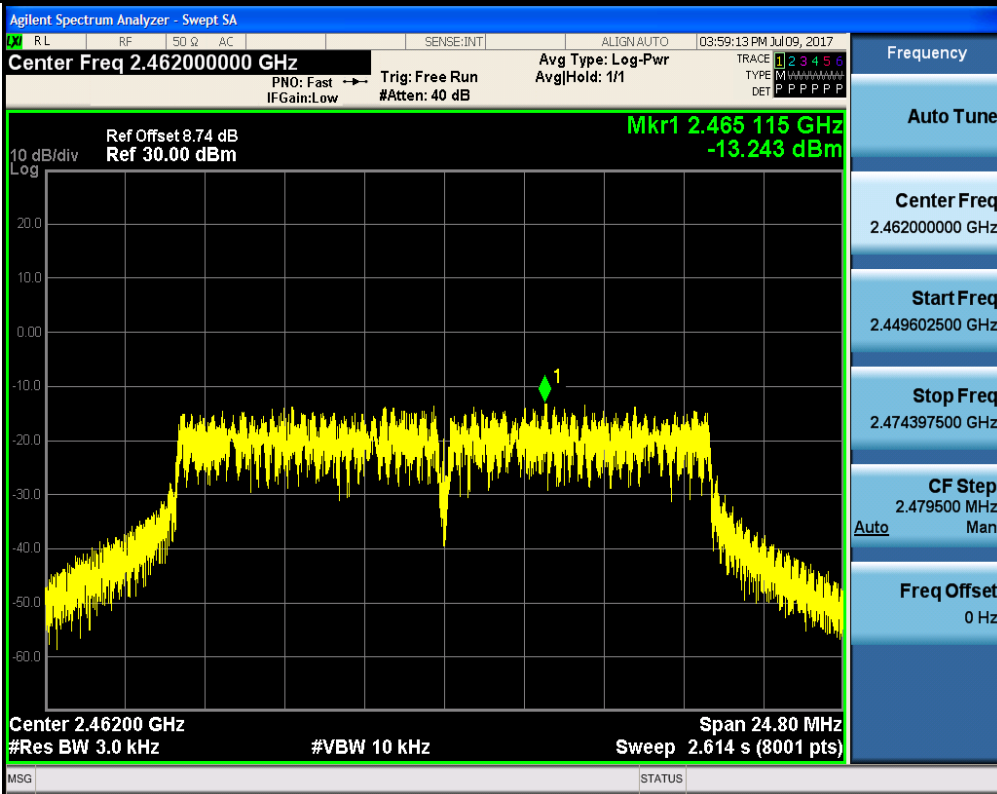
Maximum Peak power spectral density_11G_2412



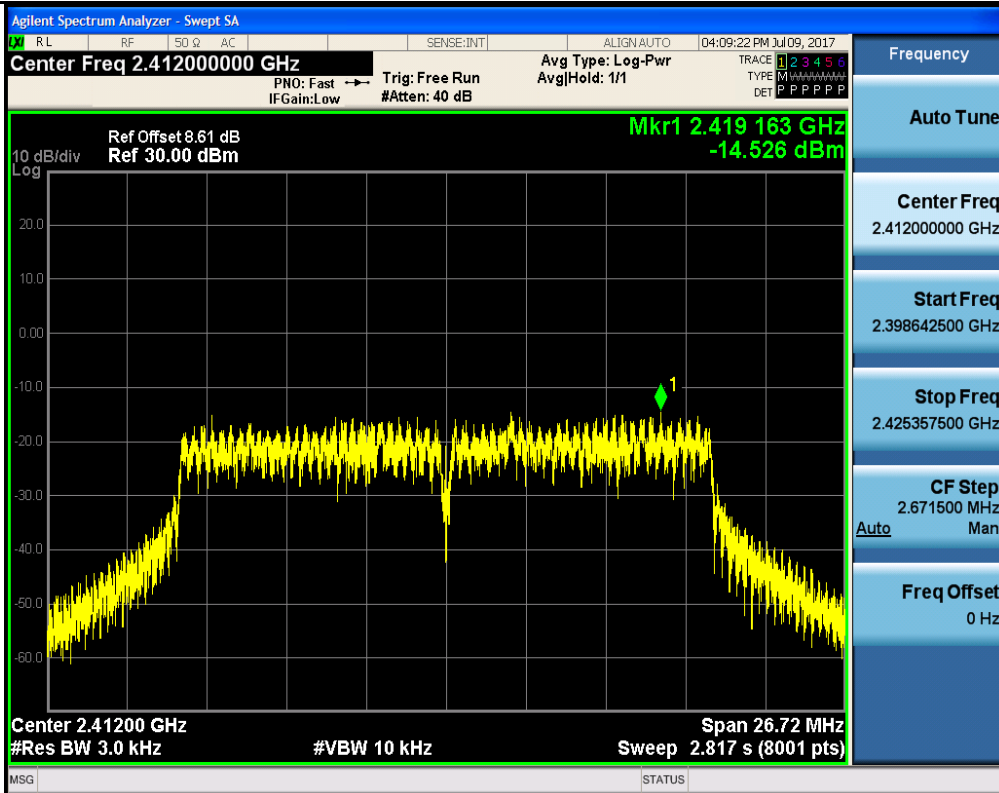
Maximum Peak power spectral density_11G_2437



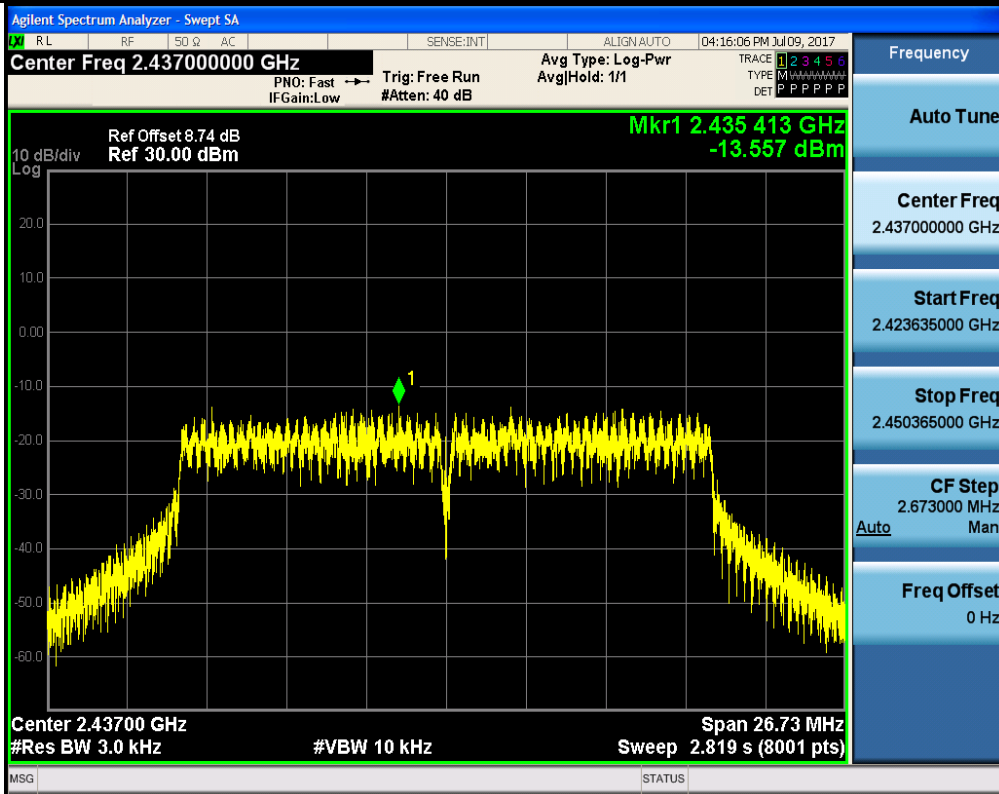
Maximum Peak power spectral density_11G_2462



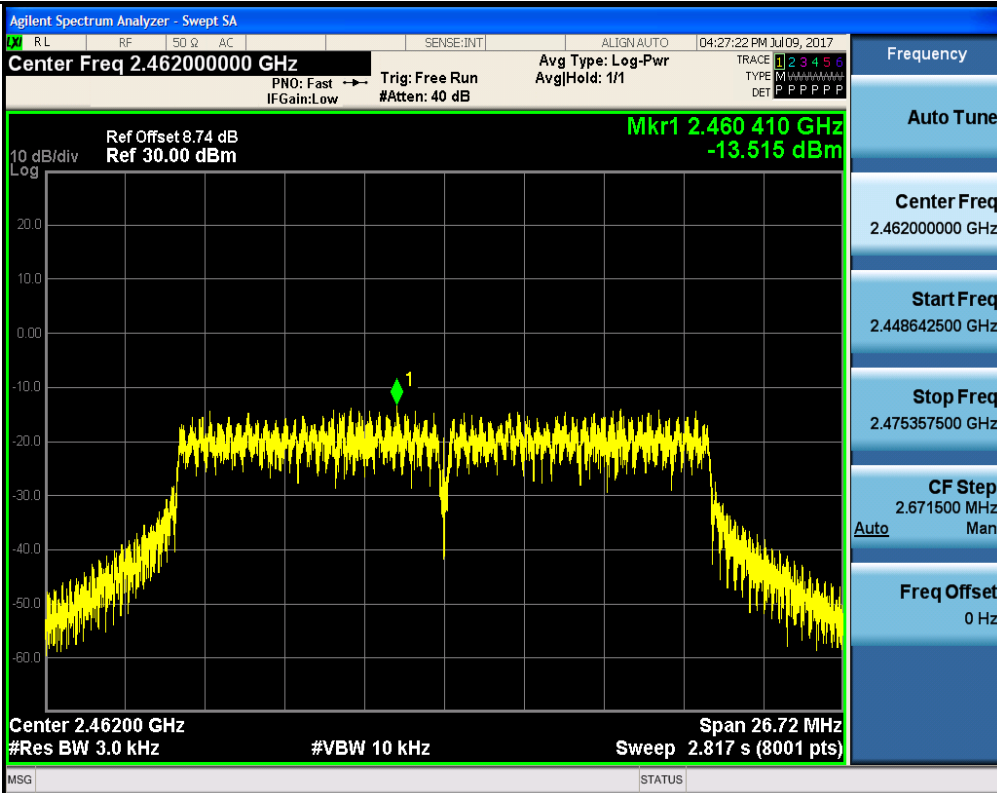
Maximum Peak power spectral density_11N20SISO_2412



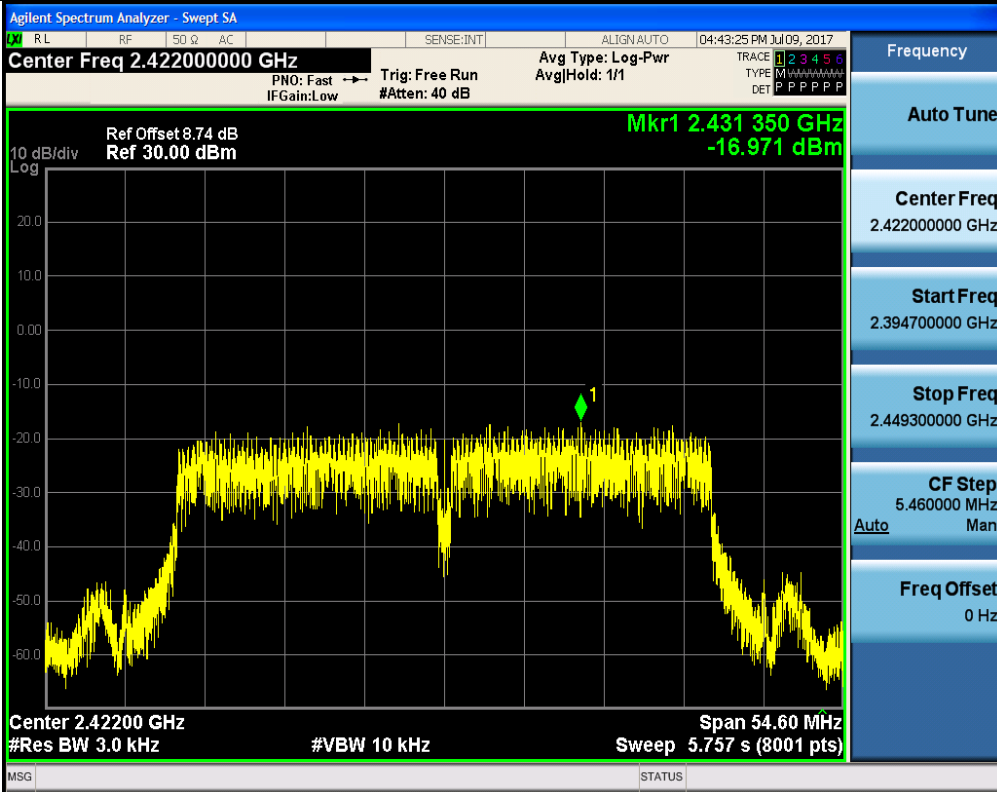
Maximum Peak power spectral density_11N20SISO_2437



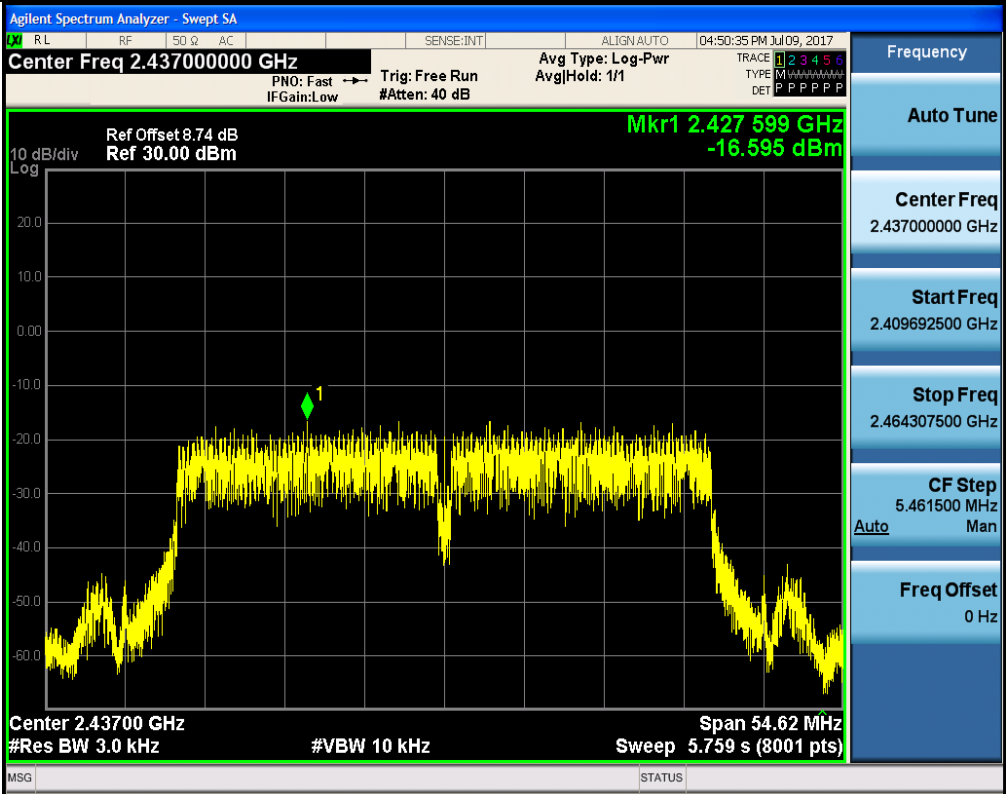
Maximum Peak power spectral density_11N20SISO_2462



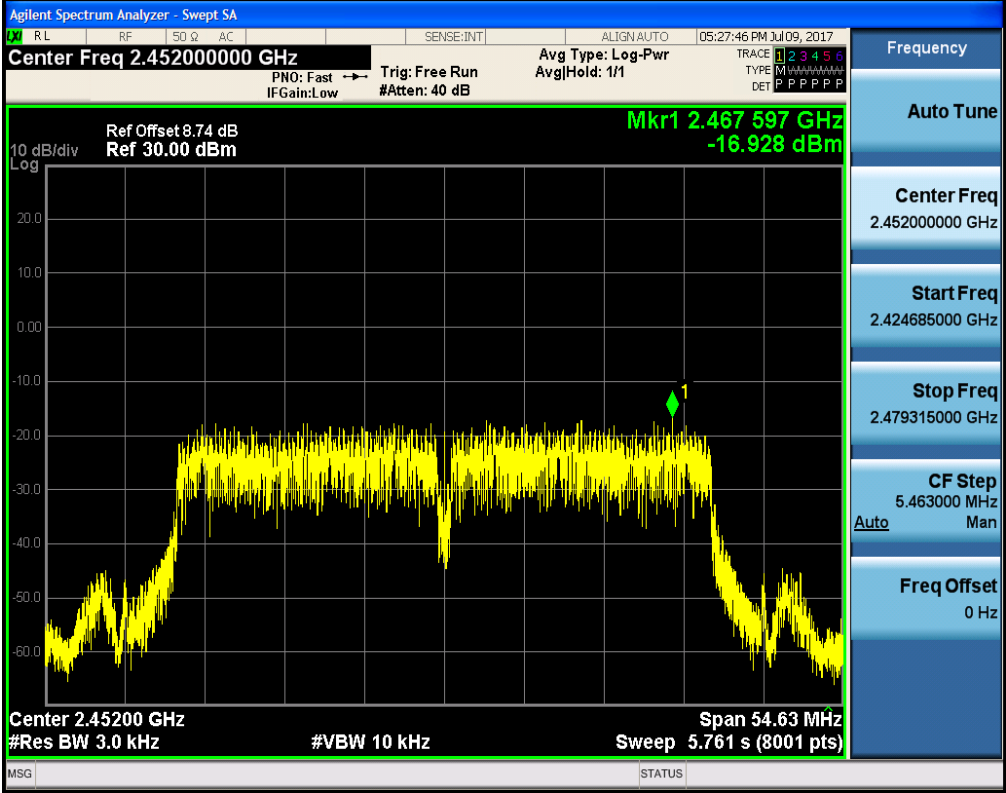
Maximum Peak power spectral density_11N40SISO_2422



Maximum Peak power spectral density_11N40SISO_2437



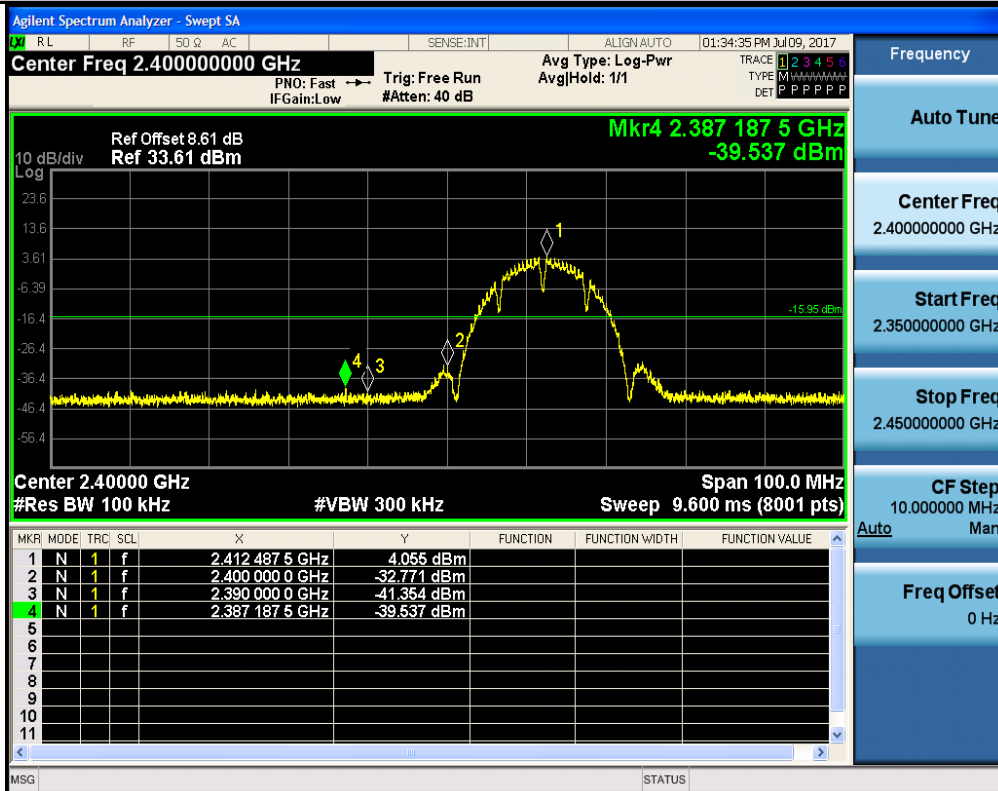
Maximum Peak power spectral density_11N40SISO_2452



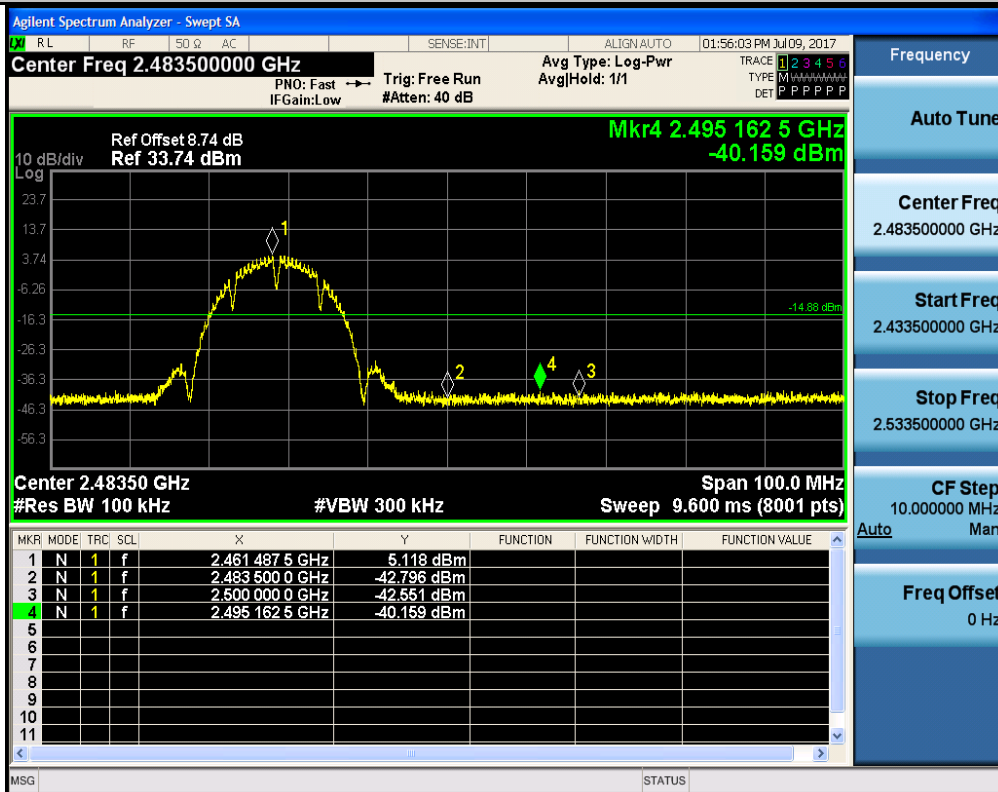
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	4.055	-39.537	-15.95	PASS
11B	2462	5.118	-40.159	-14.88	PASS
11G	2412	-0.076	-39.904	-20.08	PASS
11G	2462	0.750	-40.175	-19.25	PASS
11N20SISO	2412	-1.058	-39.526	-21.06	PASS
11N20SISO	2462	0.190	-40.154	-19.81	PASS
11N40SISO	2422	-3.864	-39.864	-23.86	PASS
11N40SISO	2452	-3.475	-39.943	-23.48	PASS

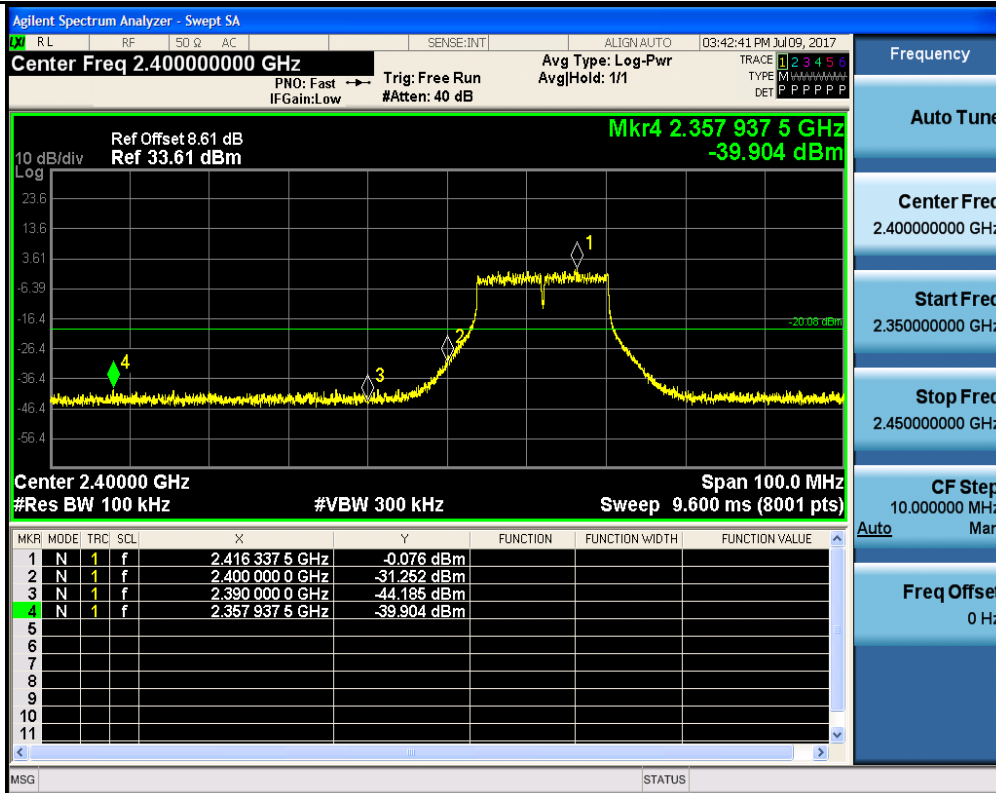
Band-edge for RF Conducted Emissions_11B_2412_Hopping Off



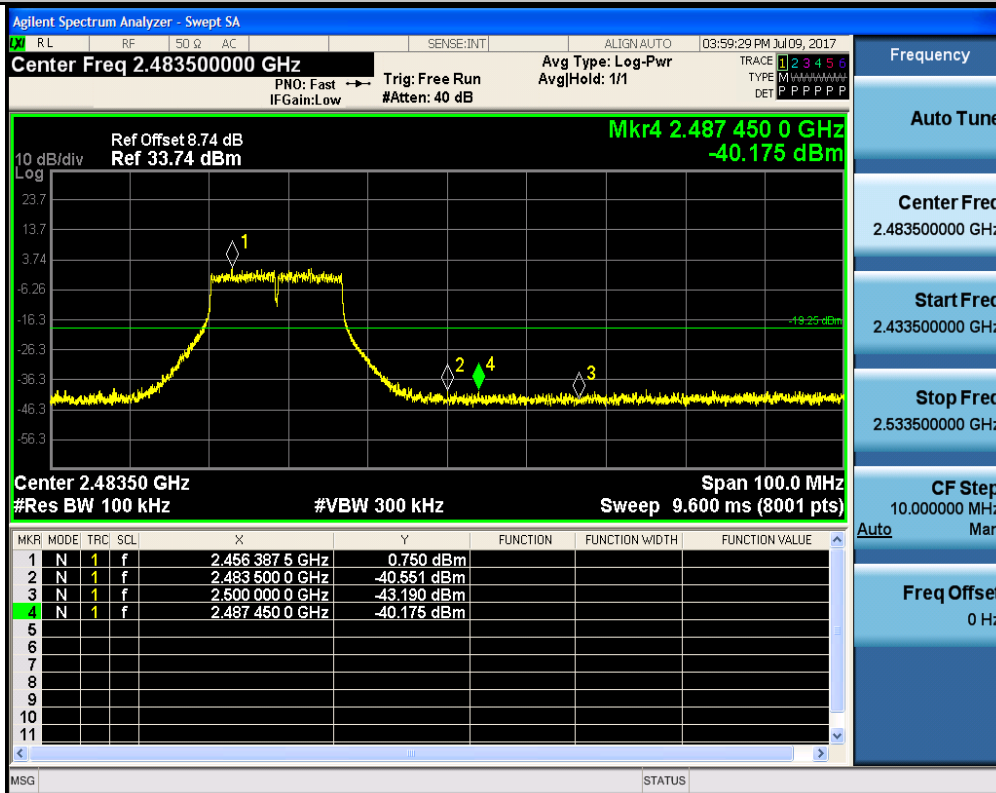
Band-edge for RF Conducted Emissions_11B_2462_Hopping Off



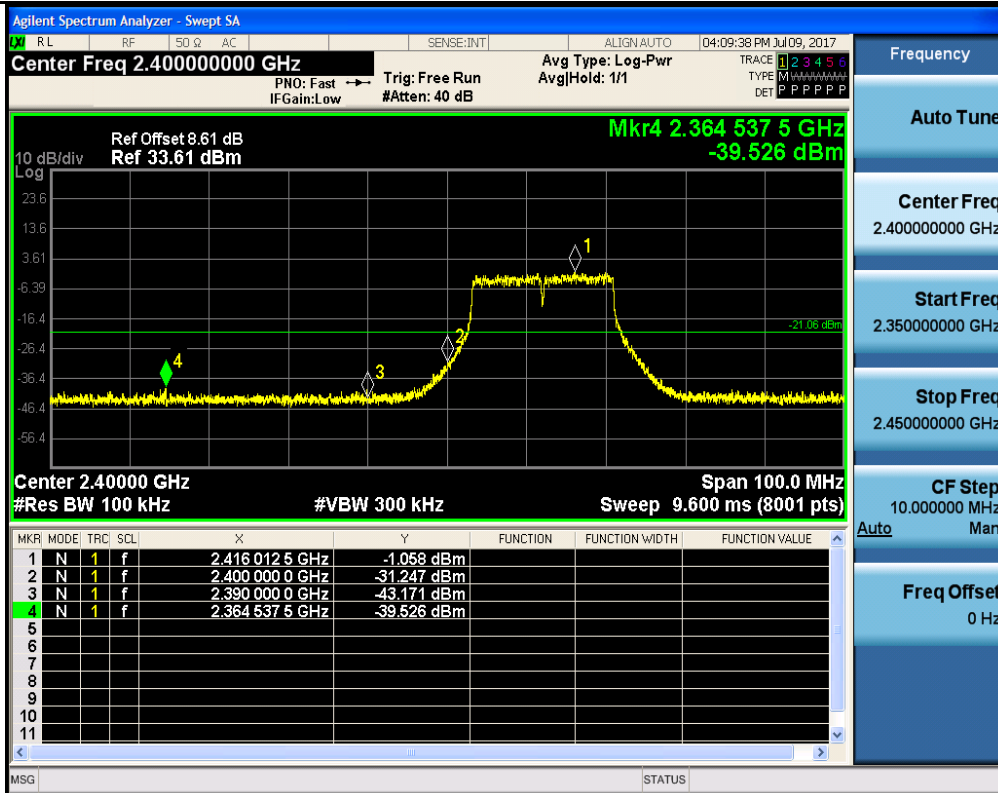
Band-edge for RF Conducted Emissions_11G_2412_Hopping Off



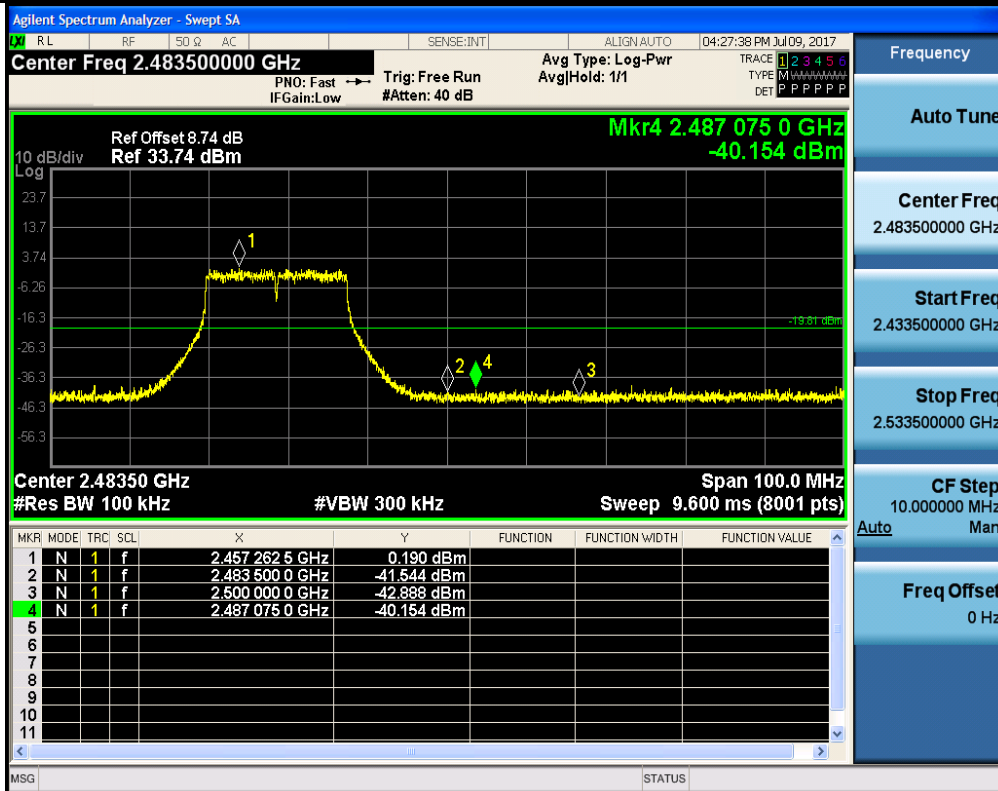
Band-edge for RF Conducted Emissions_11G_2462_Hopping Off



Band-edge for RF Conducted Emissions_11N20SISO_2412_Hopping Off



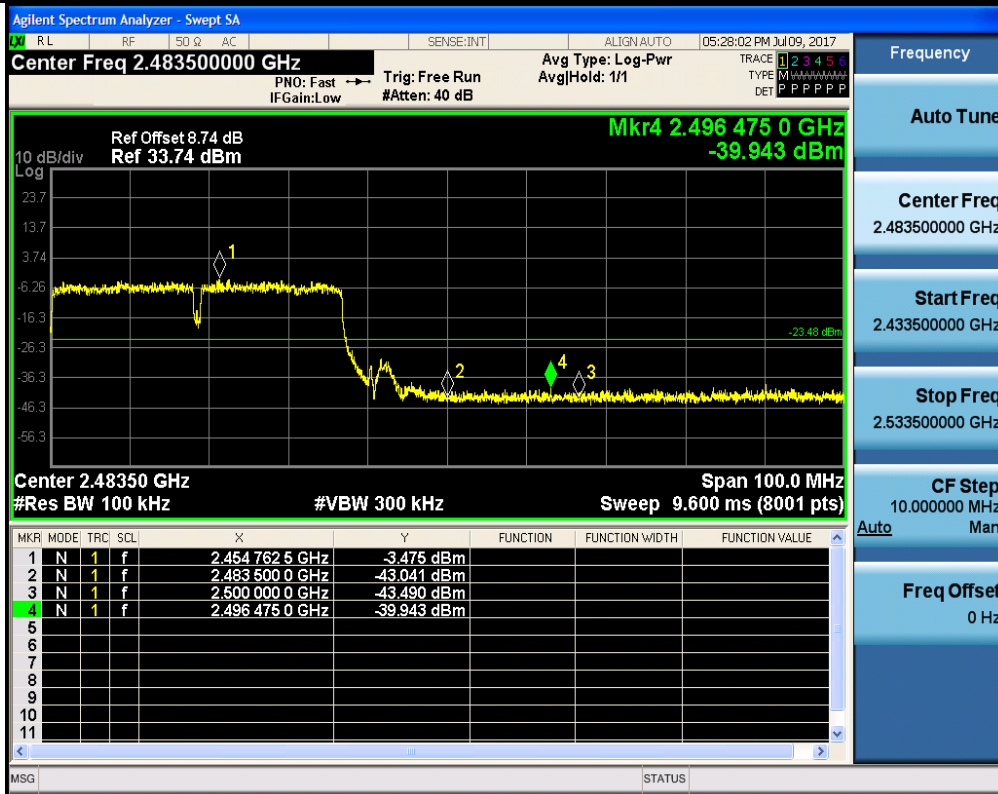
Band-edge for RF Conducted Emissions_11N20SISO_2462_Hopping Off



Band-edge for RF Conducted Emissions_11N40SISO_2422_Hopping Off



Band-edge for RF Conducted Emissions_11N40SISO_2452_Hopping Off

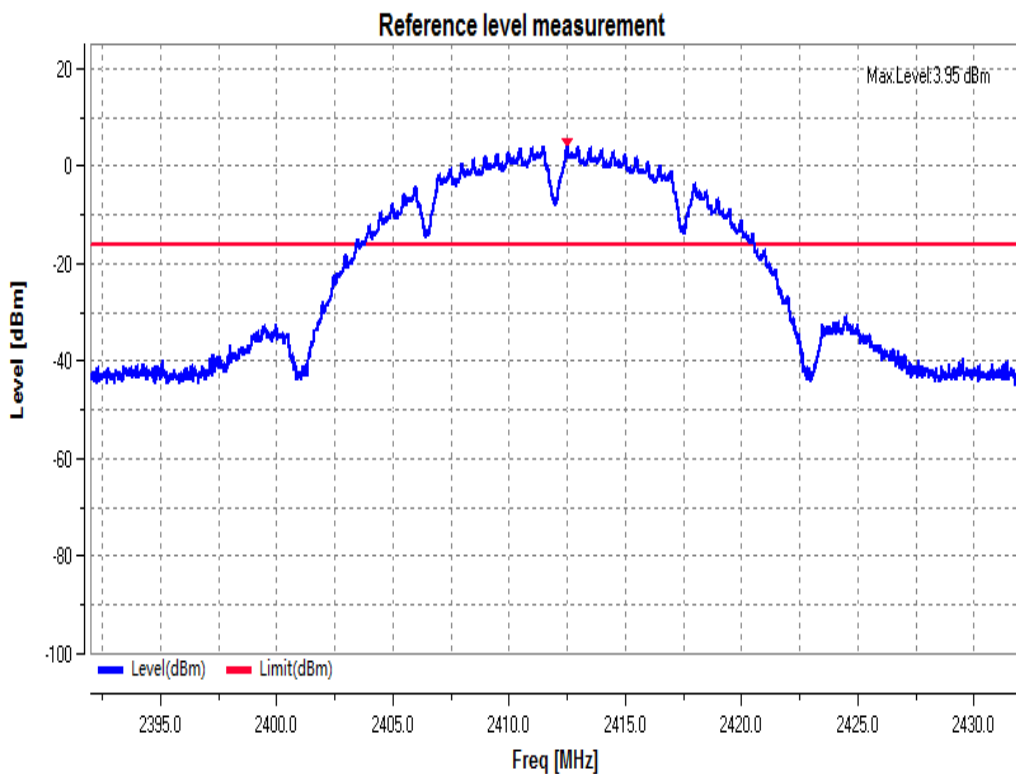


6.RF Conducted Spurious Emissions

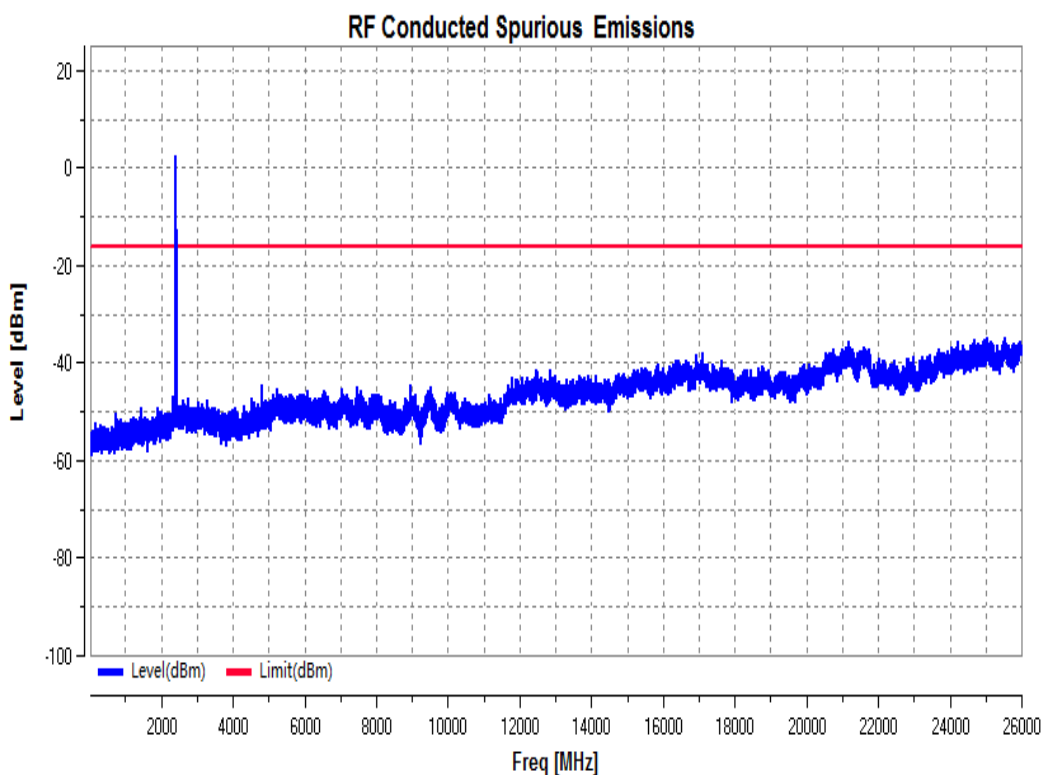
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	30	10000	100	300	3.953	-44.552	-16.047	PASS
11B	2412	10000	26000	100	300	3.953	-34.898	-16.047	PASS
11B	2437	30	10000	100	300	4.916	-44.763	-15.084	PASS
11B	2437	10000	26000	100	300	4.916	-34.484	-15.084	PASS
11B	2462	30	10000	100	300	5.033	-43.572	-14.967	PASS
11B	2462	10000	26000	100	300	5.033	-34.251	-14.967	PASS
11G	2412	30	10000	100	300	-0.1	-44.486	-20.1	PASS
11G	2412	10000	26000	100	300	-0.1	-34.407	-20.1	PASS
11G	2437	30	10000	100	300	0.564	-44.723	-19.436	PASS
11G	2437	10000	26000	100	300	0.564	-34.371	-19.436	PASS
11G	2462	30	10000	100	300	0.677	-44.286	-19.323	PASS
11G	2462	10000	26000	100	300	0.677	-33.644	-19.323	PASS
11N20SISO	2412	30	10000	100	300	-0.871	-43.949	-20.871	PASS
11N20SISO	2412	10000	26000	100	300	-0.871	-34.347	-20.871	PASS
11N20SISO	2437	30	10000	100	300	-0.185	-44.158	-20.185	PASS
11N20SISO	2437	10000	26000	100	300	-0.185	-34.149	-20.185	PASS
11N20SISO	2462	30	10000	100	300	0.23	-43.902	-19.77	PASS
11N20SISO	2462	10000	26000	100	300	0.23	-34.750	-19.77	PASS
11N40SISO	2422	30	10000	100	300	-4.033	-44.096	-24.033	PASS
11N40SISO	2422	10000	26000	100	300	-4.033	-34.196	-24.033	PASS
11N40SISO	2437	30	10000	100	300	-3.577	-44.451	-23.577	PASS
11N40SISO	2437	10000	26000	100	300	-3.577	-33.565	-23.577	PASS
11N40SISO	2452	30	10000	100	300	-3.47	-43.543	-23.47	PASS
11N40SISO	2452	10000	26000	100	300	-3.47	-34.241	-23.47	PASS

RF Conducted Spurious Emissions_11B_2412

Pref

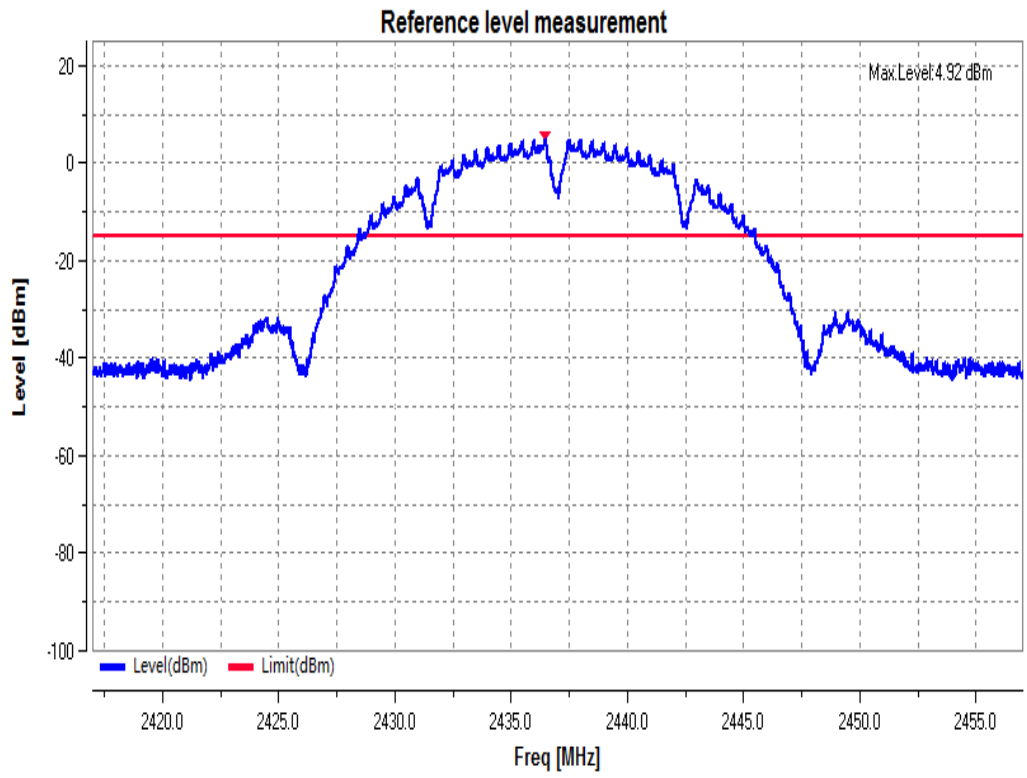


CSE_1

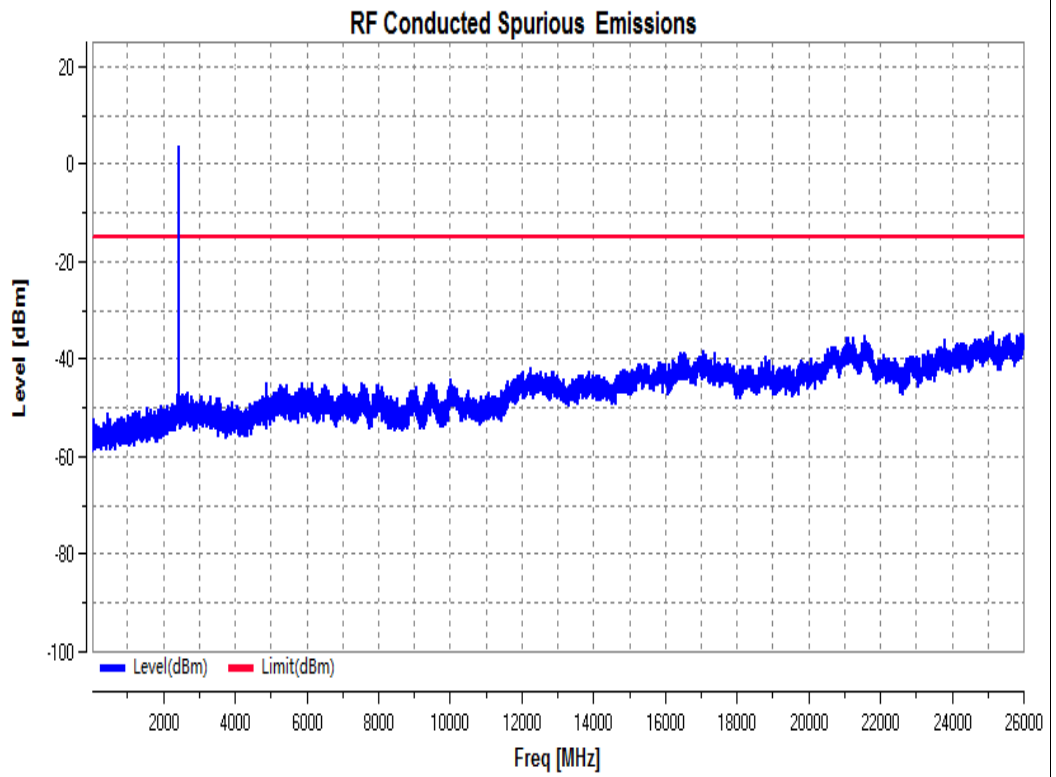


RF Conducted Spurious Emissions_11B_2437

Pref

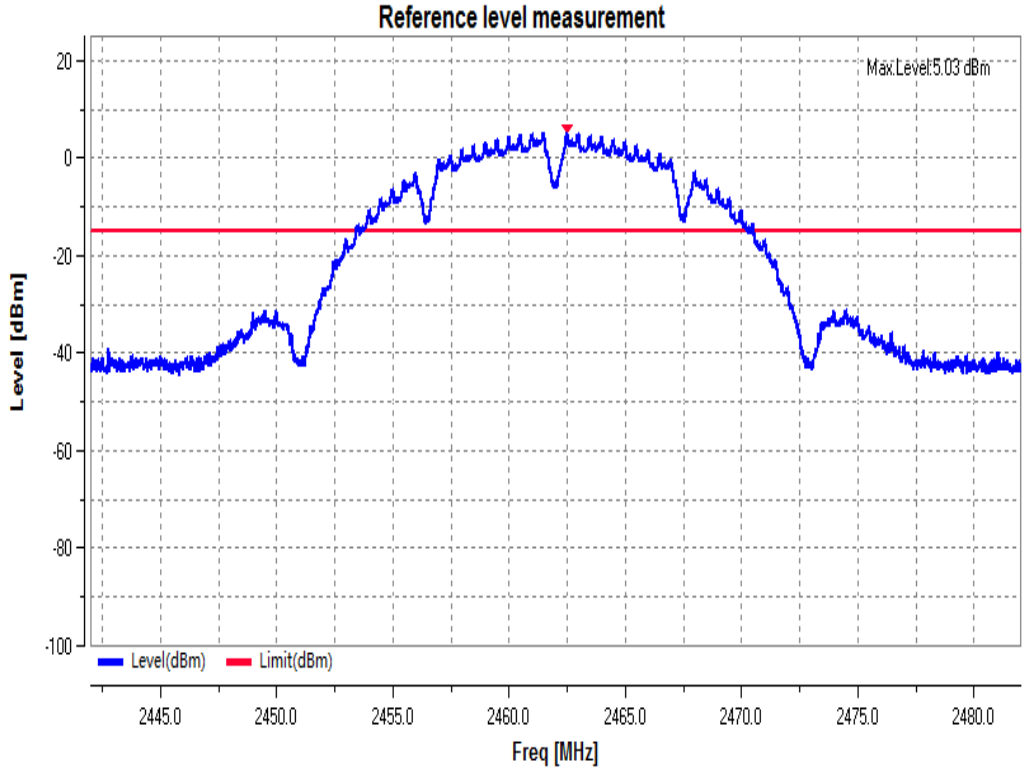


CSE_1

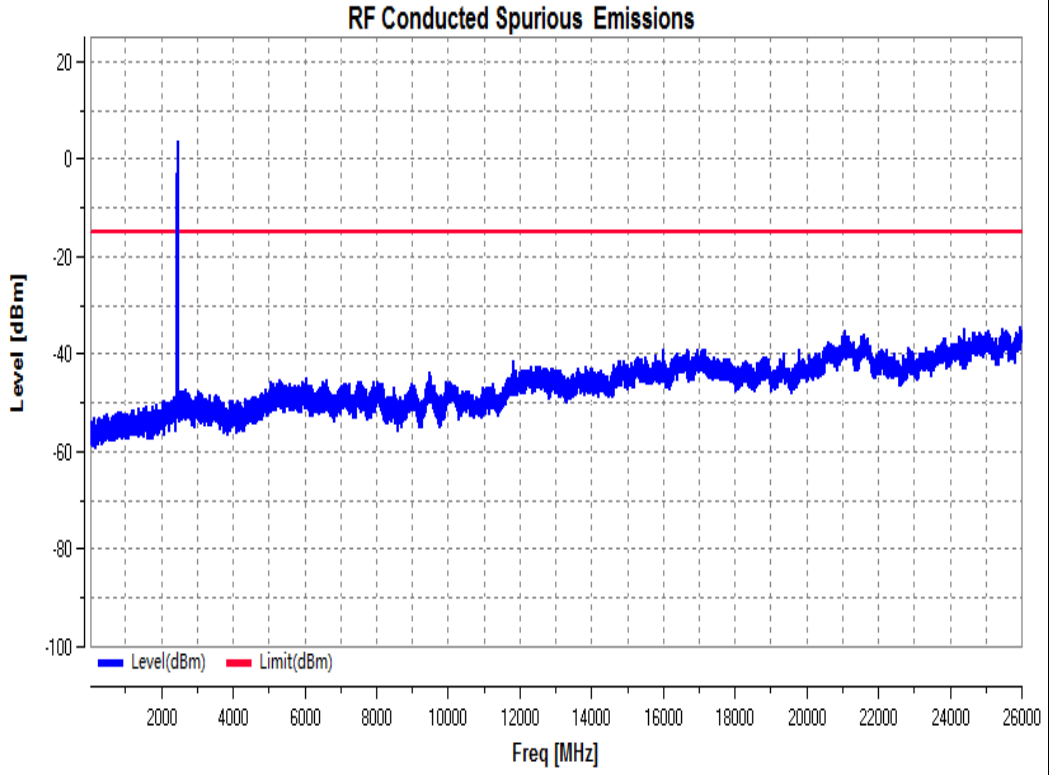


RF Conducted Spurious Emissions_11B_2462

Pref

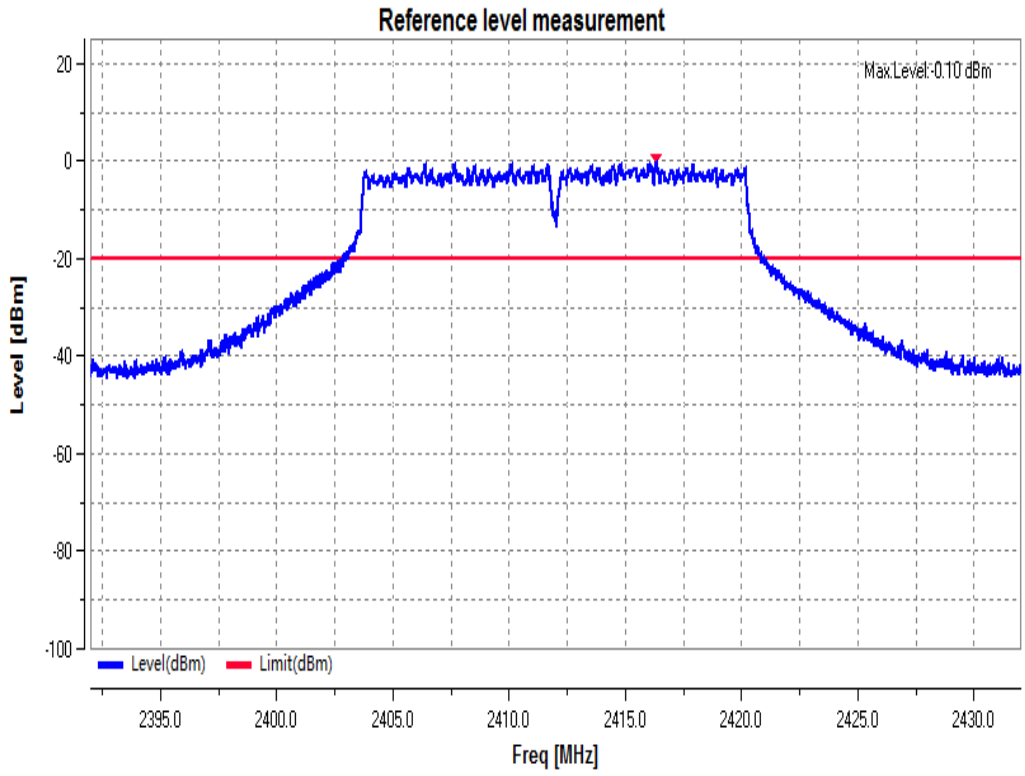


CSE_1

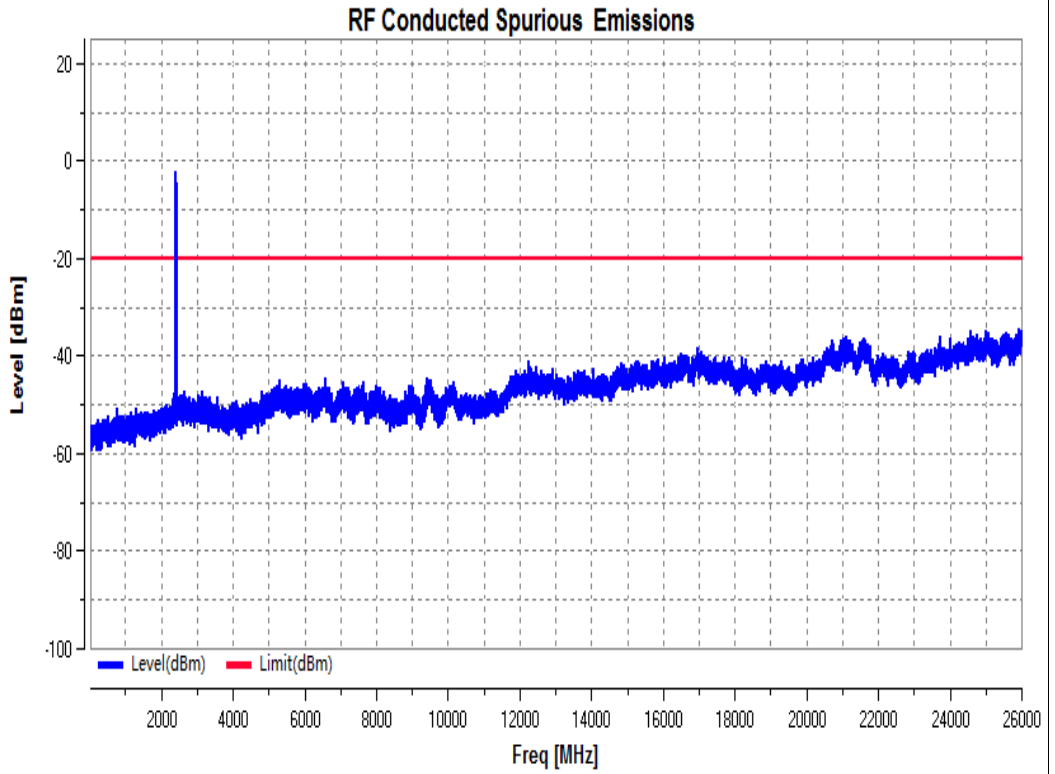


RF Conducted Spurious Emissions_11G_2412

Pref

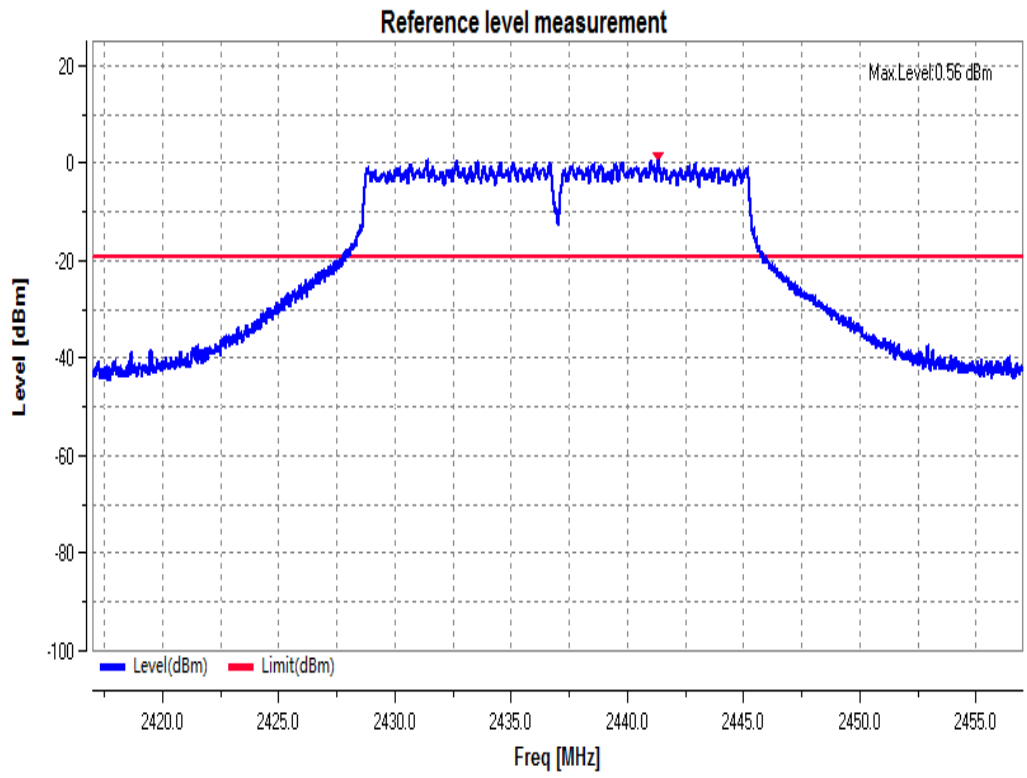


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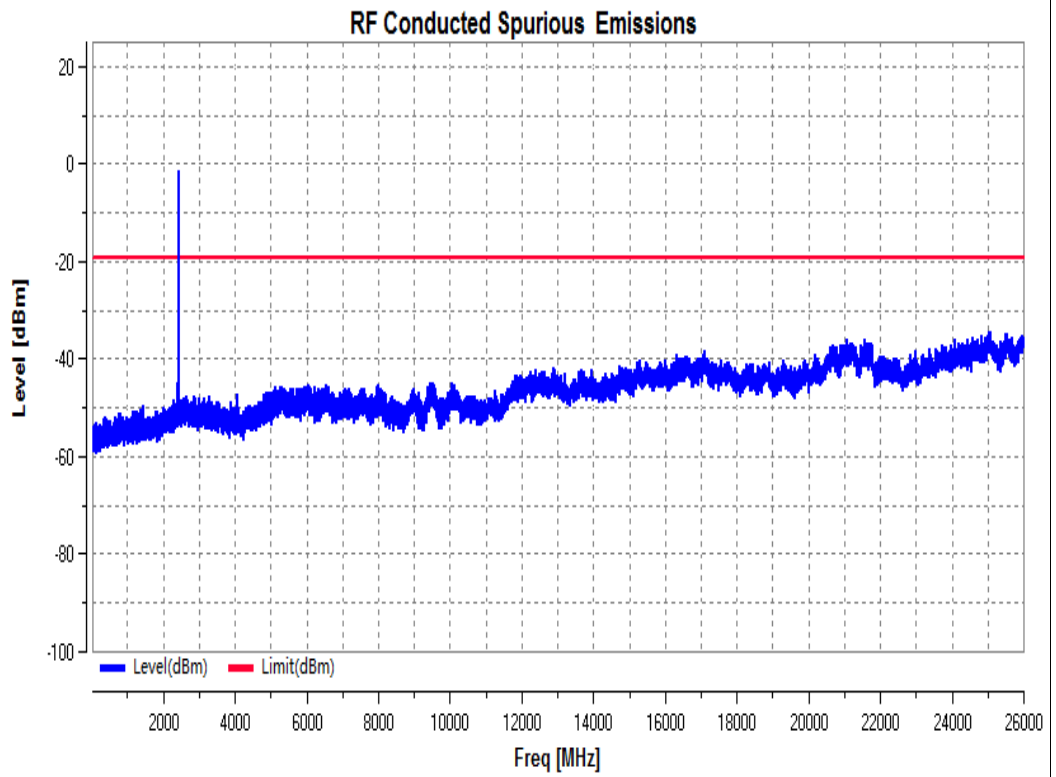


RF Conducted Spurious Emissions_11G_2437

Pref

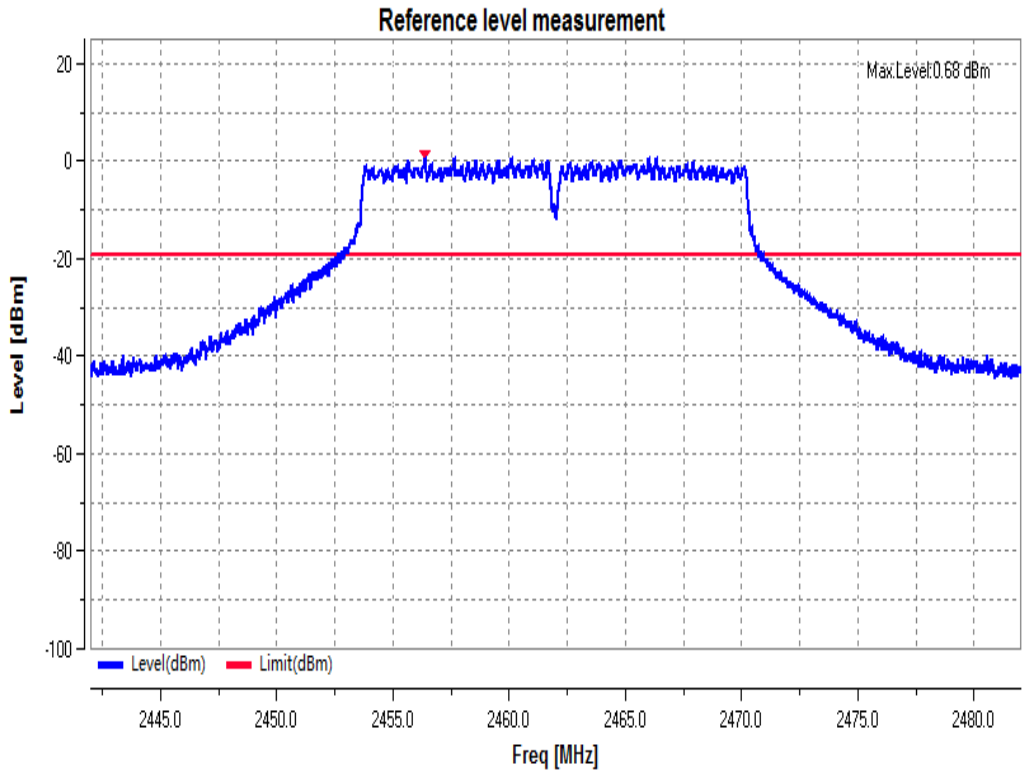


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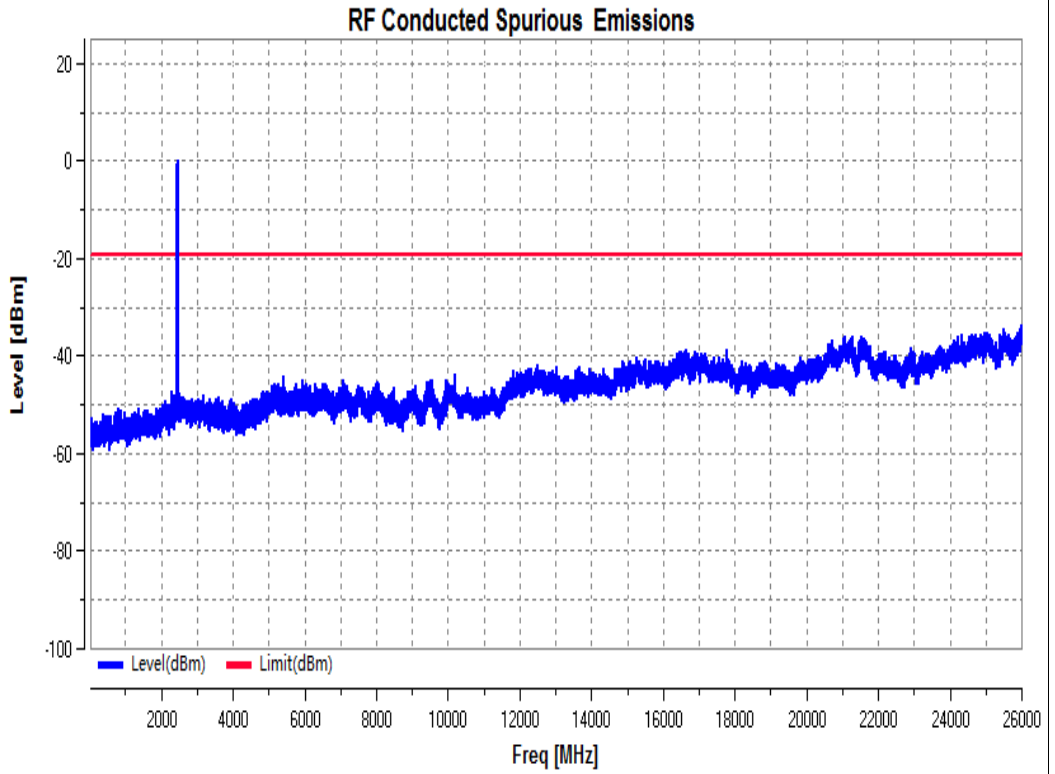


RF Conducted Spurious Emissions_11G_2462

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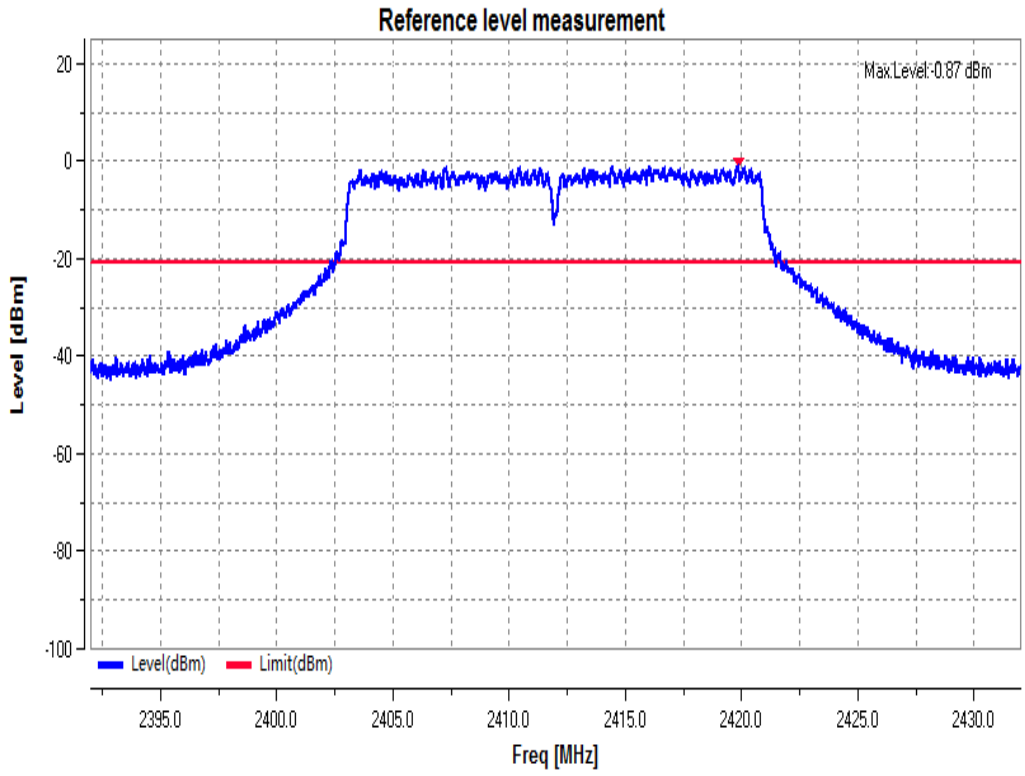


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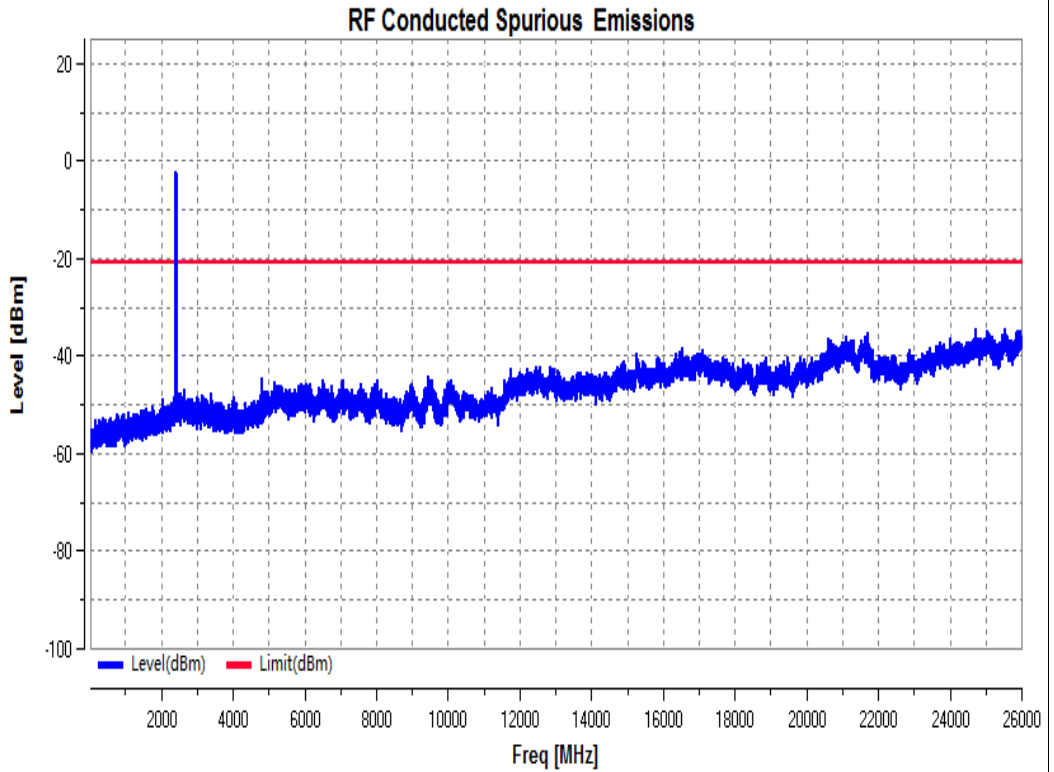


RF Conducted Spurious Emissions_11N20SISO_2412

Pref

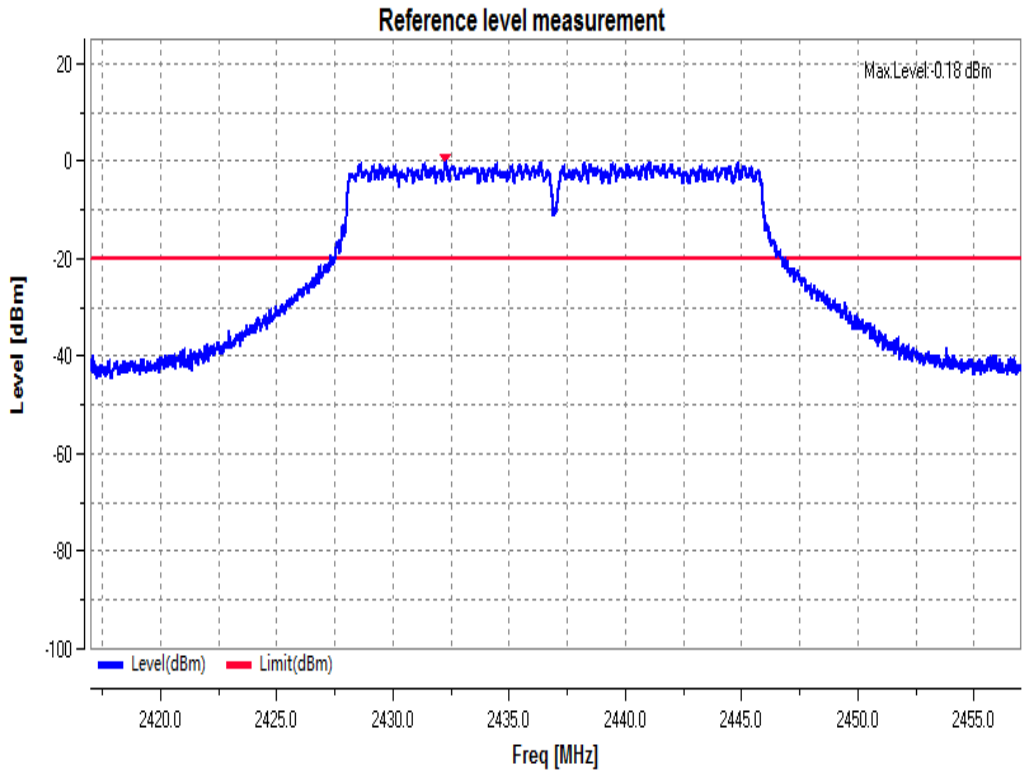


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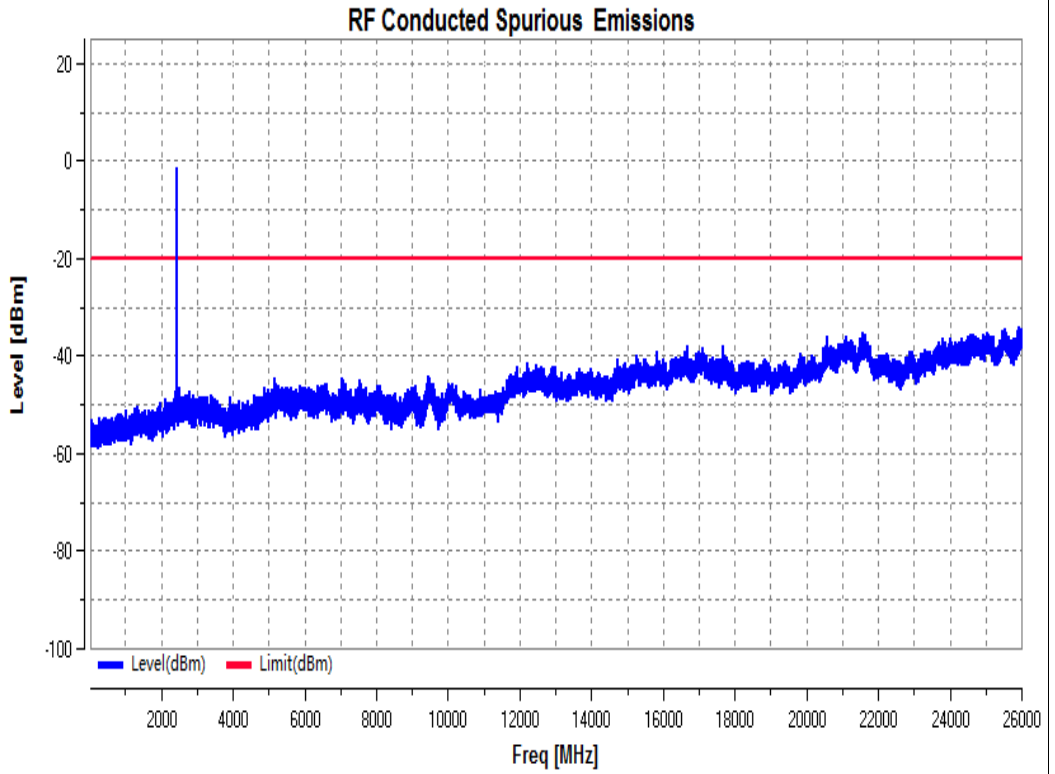


RF Conducted Spurious Emissions_11N20SISO_2437

Pref

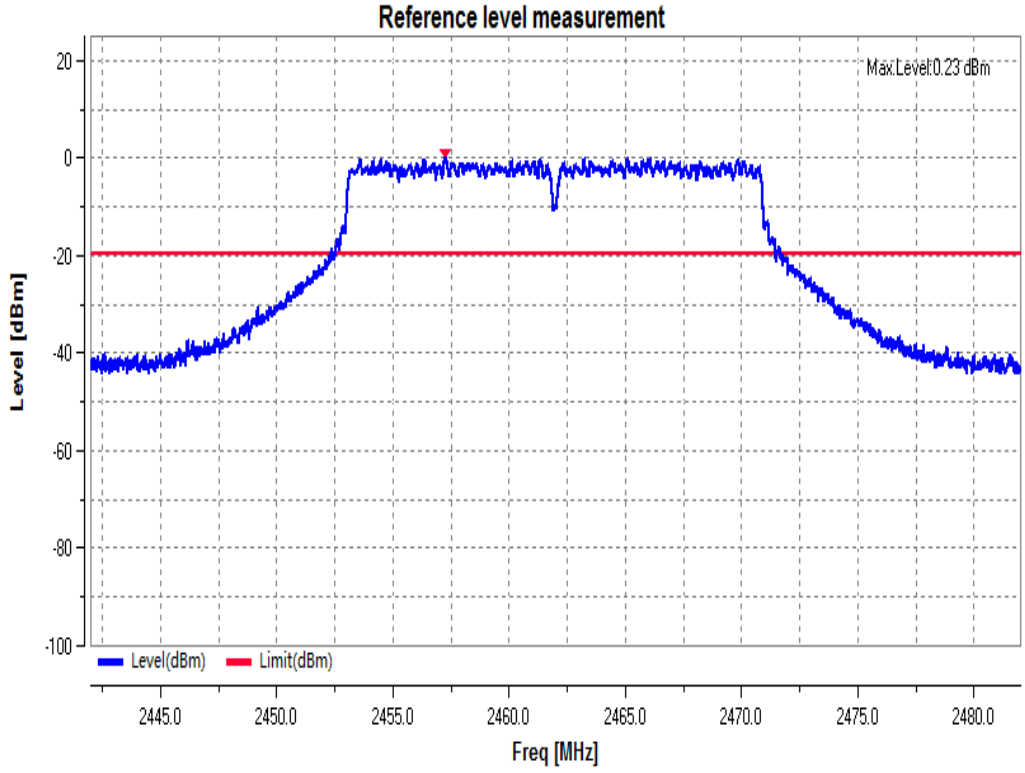


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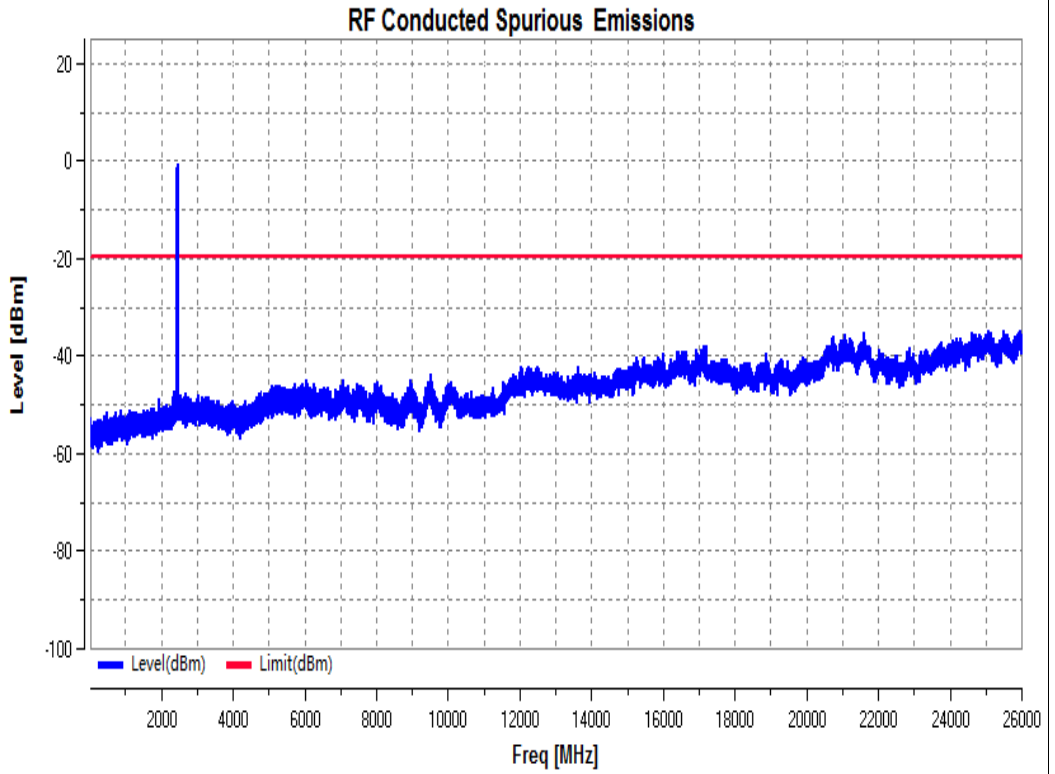


RF Conducted Spurious Emissions_11N20SISO_2462

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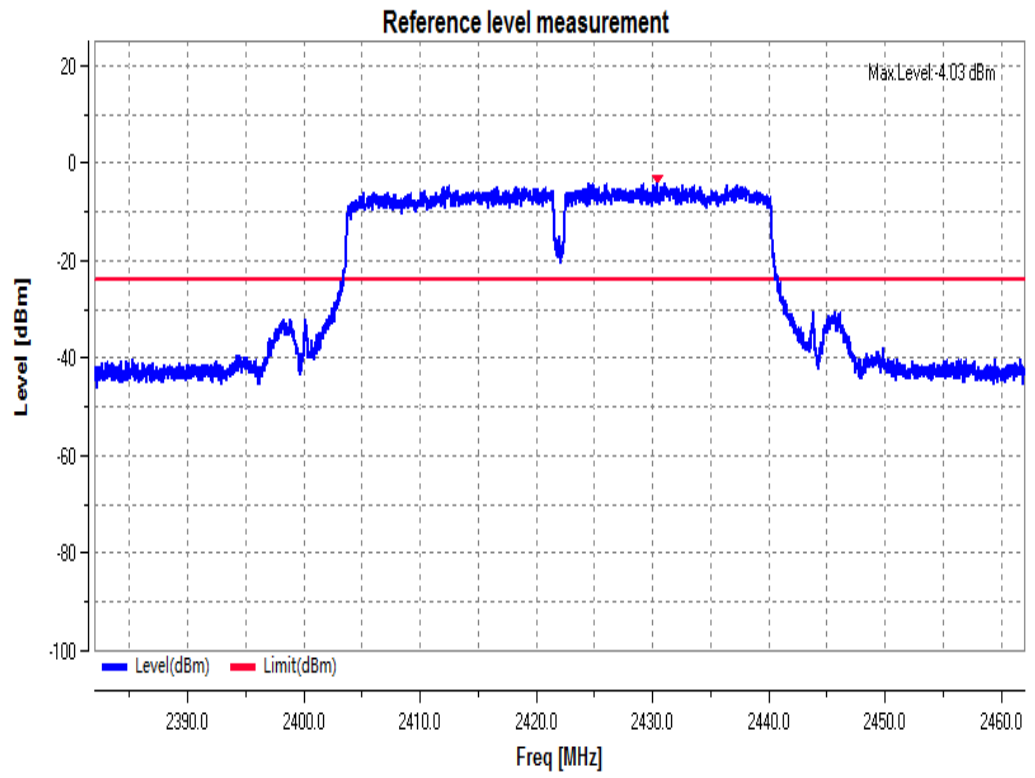


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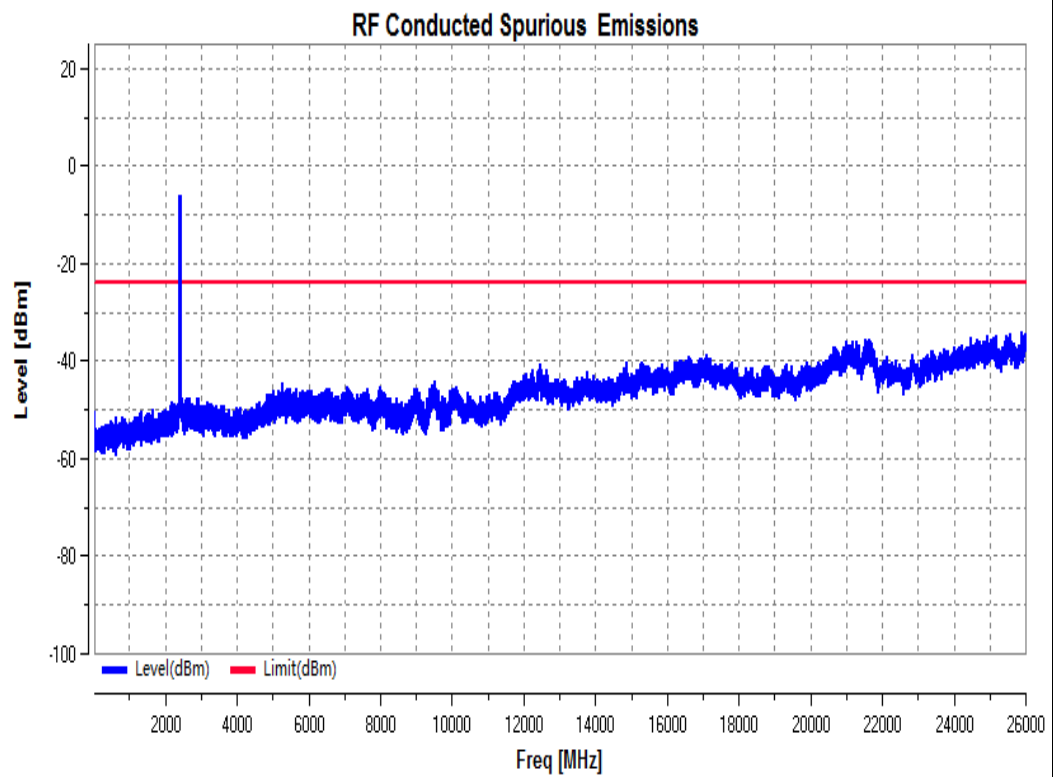


RF Conducted Spurious Emissions_11N40SISO_2422

Pref

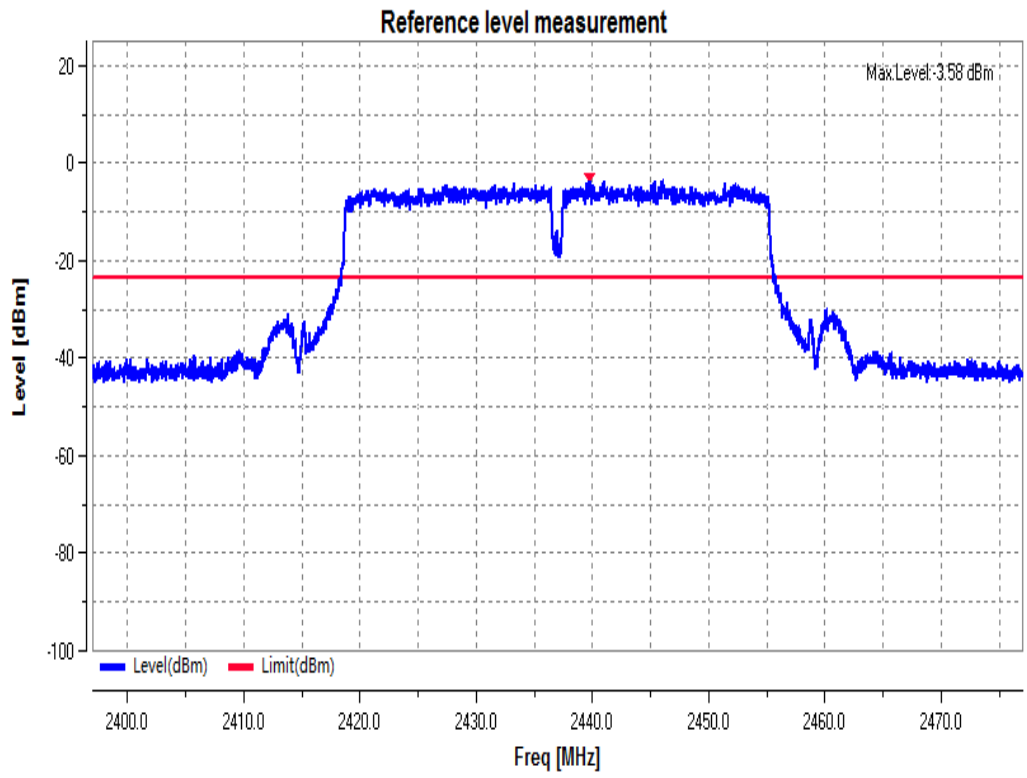


CSE_1

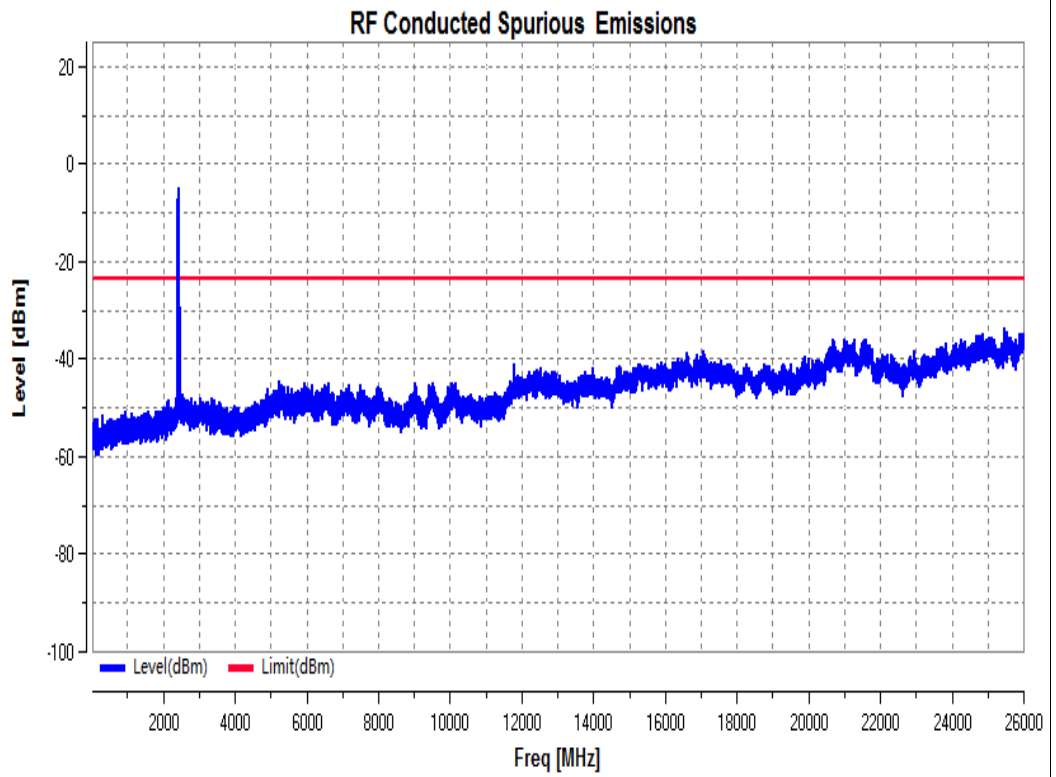


RF Conducted Spurious Emissions_11N40SISO_2437

Pref

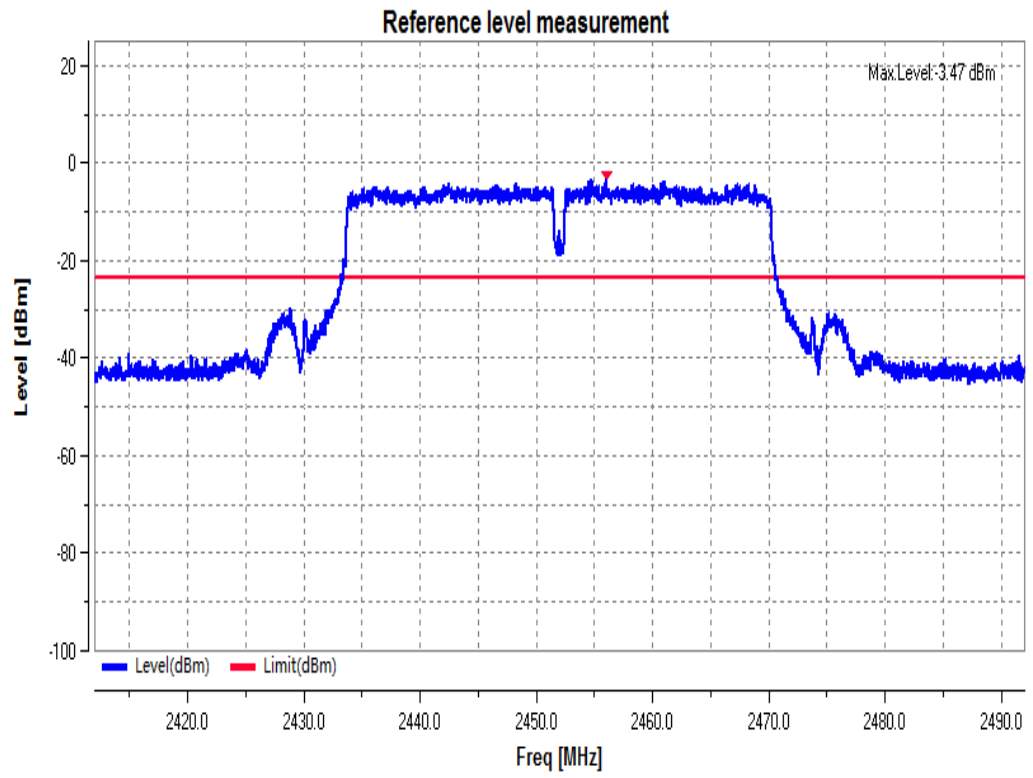


CSE_1



RF Conducted Spurious Emissions_11N40SISO_2452

Pref



CSE_1

