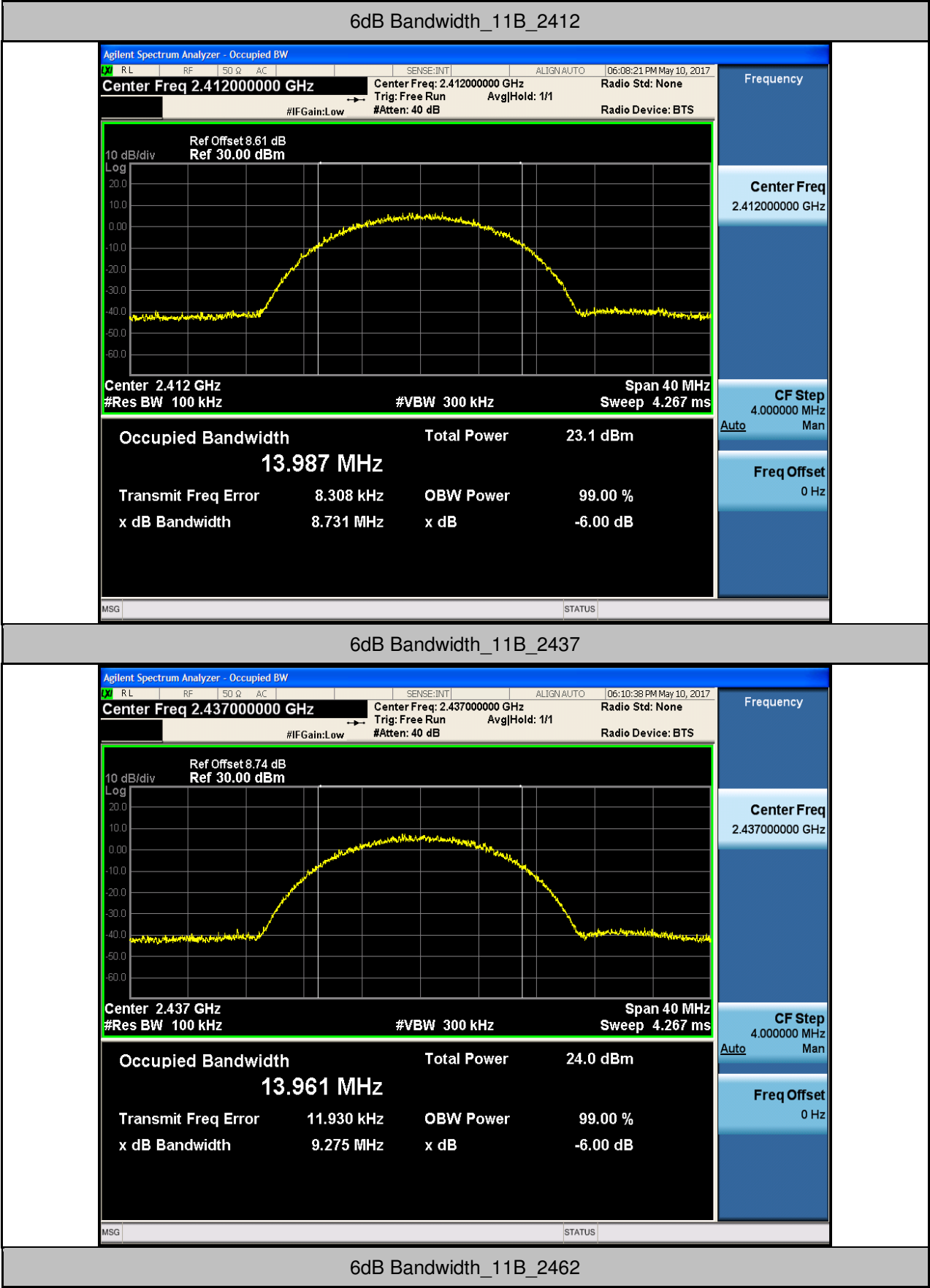
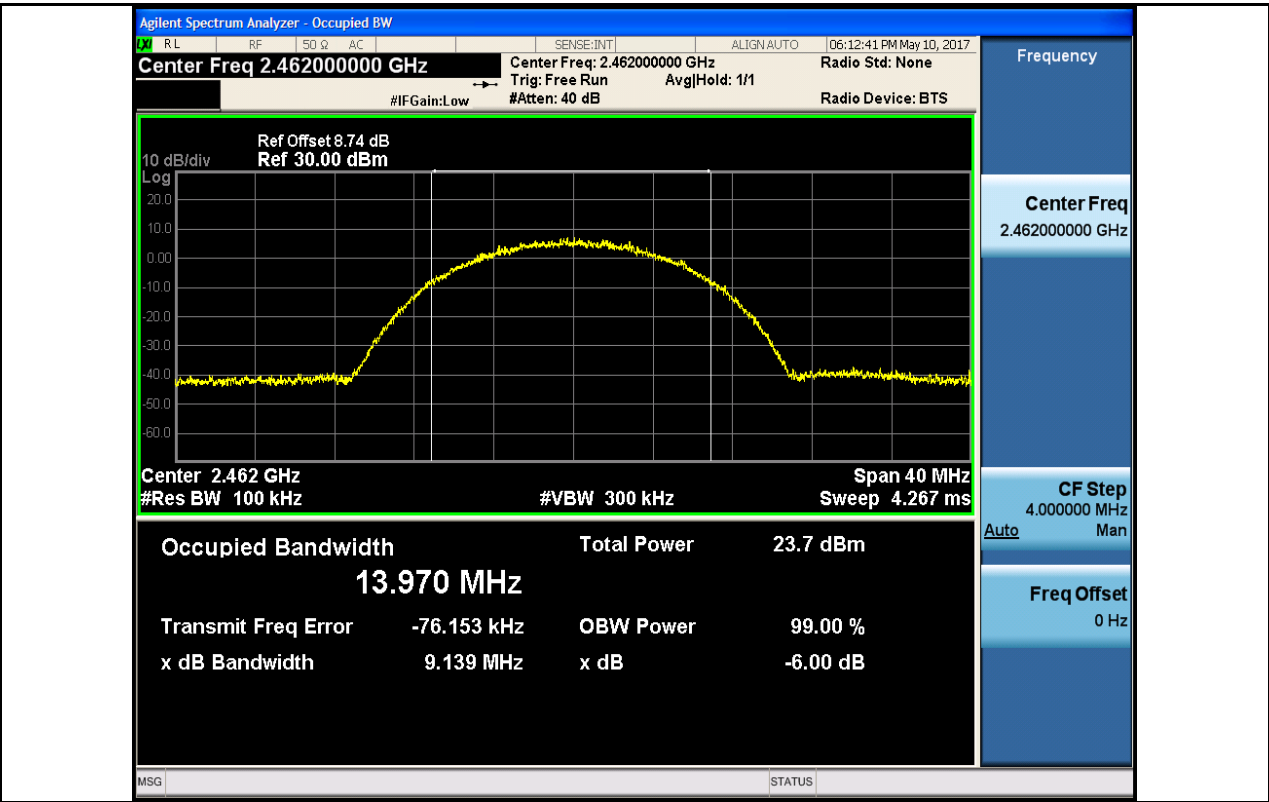


Appendix A for SZEM170800857401

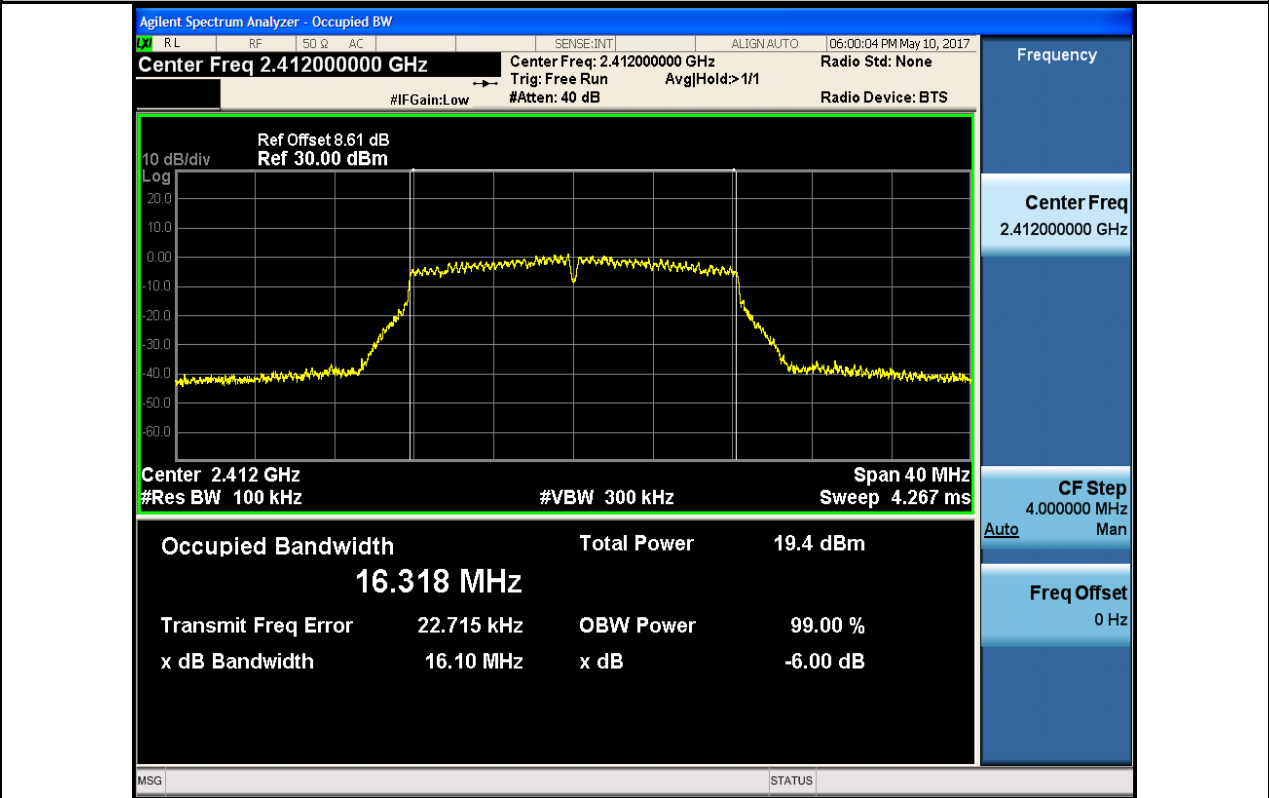
1.6dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit	Verdict
11B	2412	8.731	0.5	PASS
11B	2437	9.275	0.5	PASS
11B	2462	9.139	0.5	PASS
11G	2412	16.10	0.5	PASS
11G	2437	16.35	0.5	PASS
11G	2462	15.97	0.5	PASS
11N20SISO	2412	17.59	0.5	PASS
11N20SISO	2437	17.25	0.5	PASS
11N20SISO	2462	17.29	0.5	PASS
11N40SISO	2422	34.41	0.5	PASS
11N40SISO	2437	35.26	0.5	PASS
11N40SISO	2452	34.44	0.5	PASS

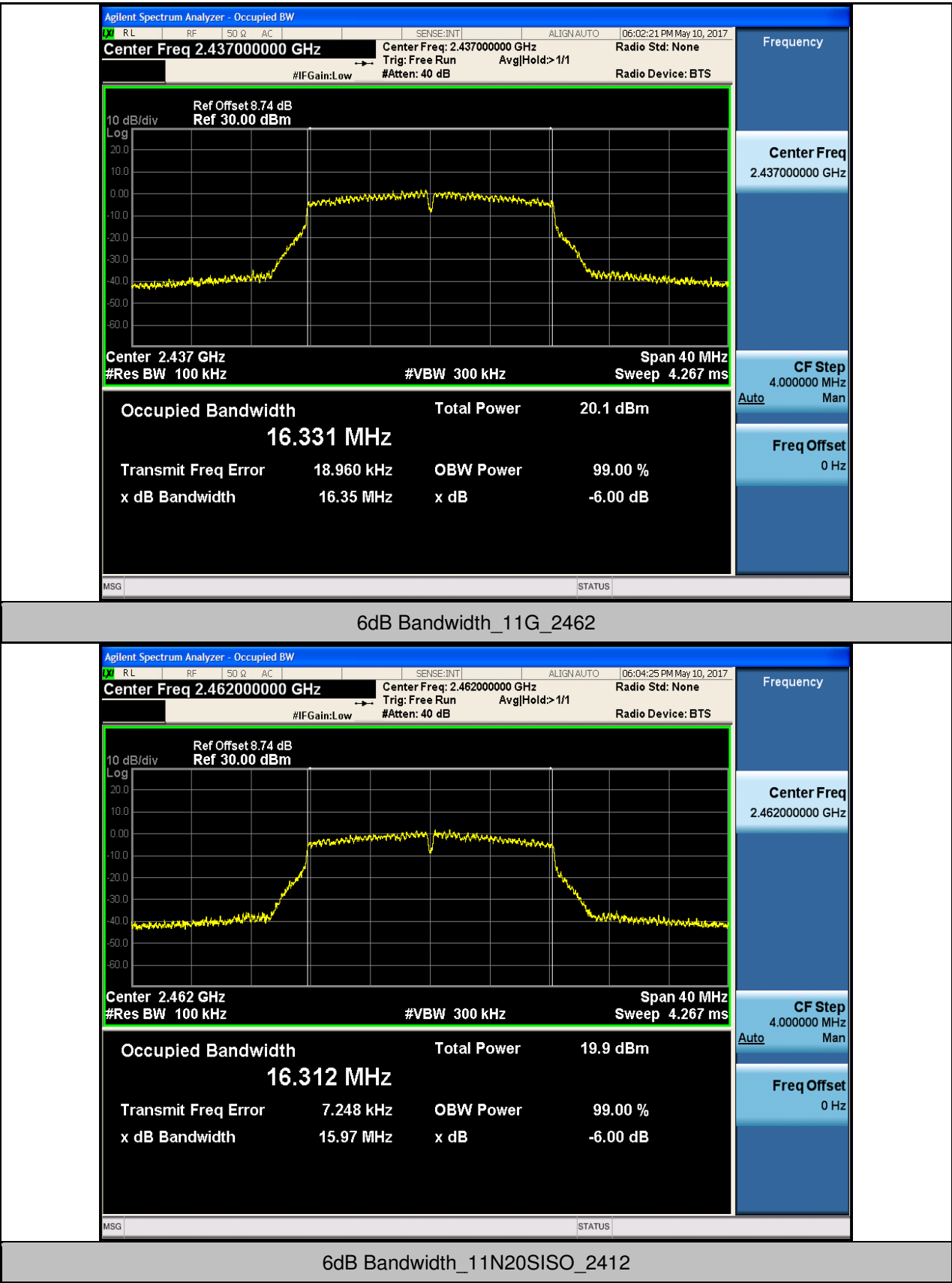


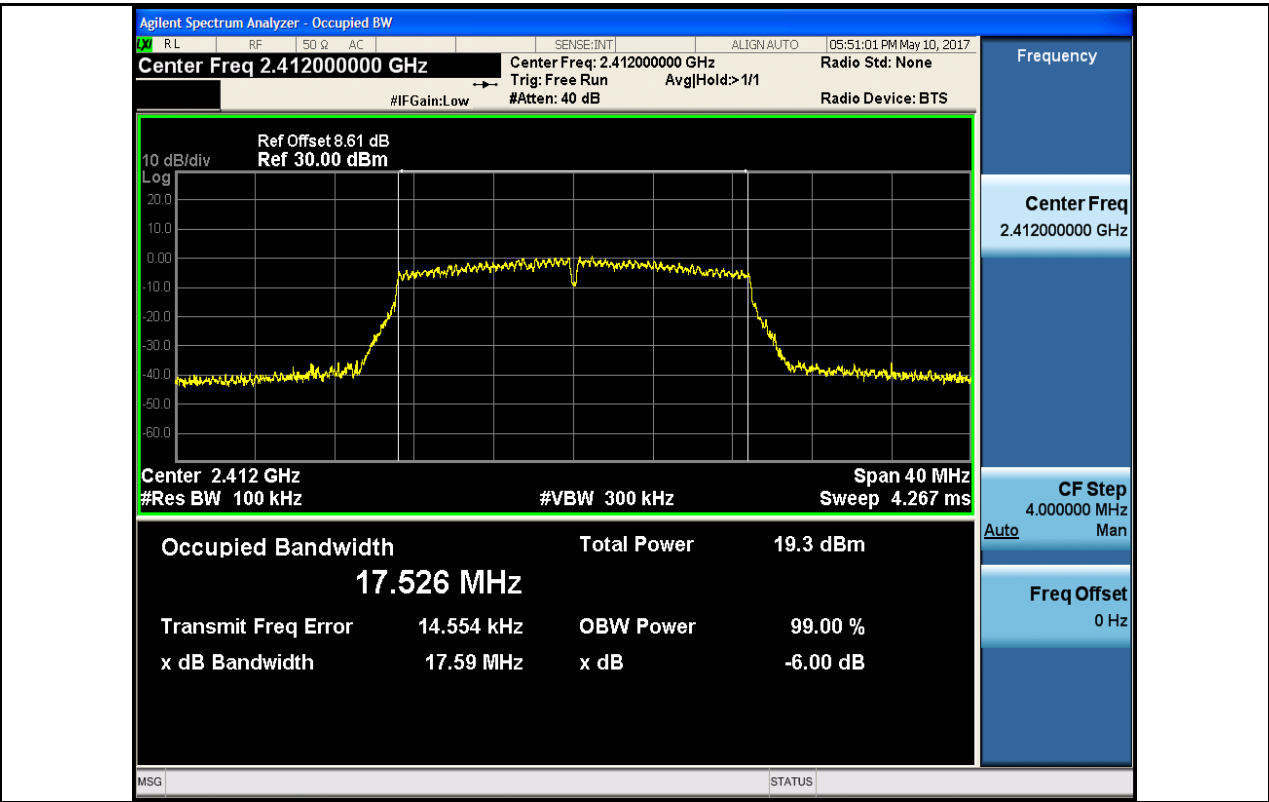


6dB Bandwidth_11G_2412

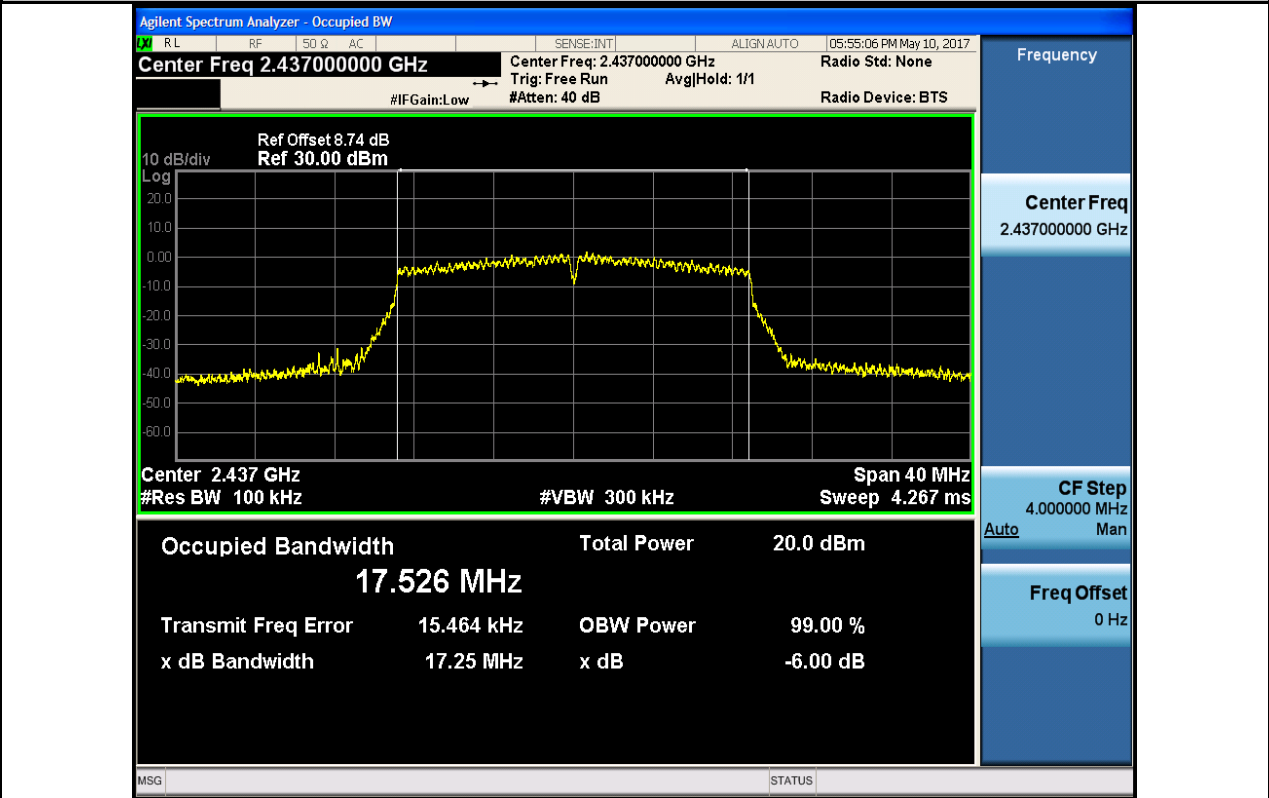


6dB Bandwidth_11G_2437

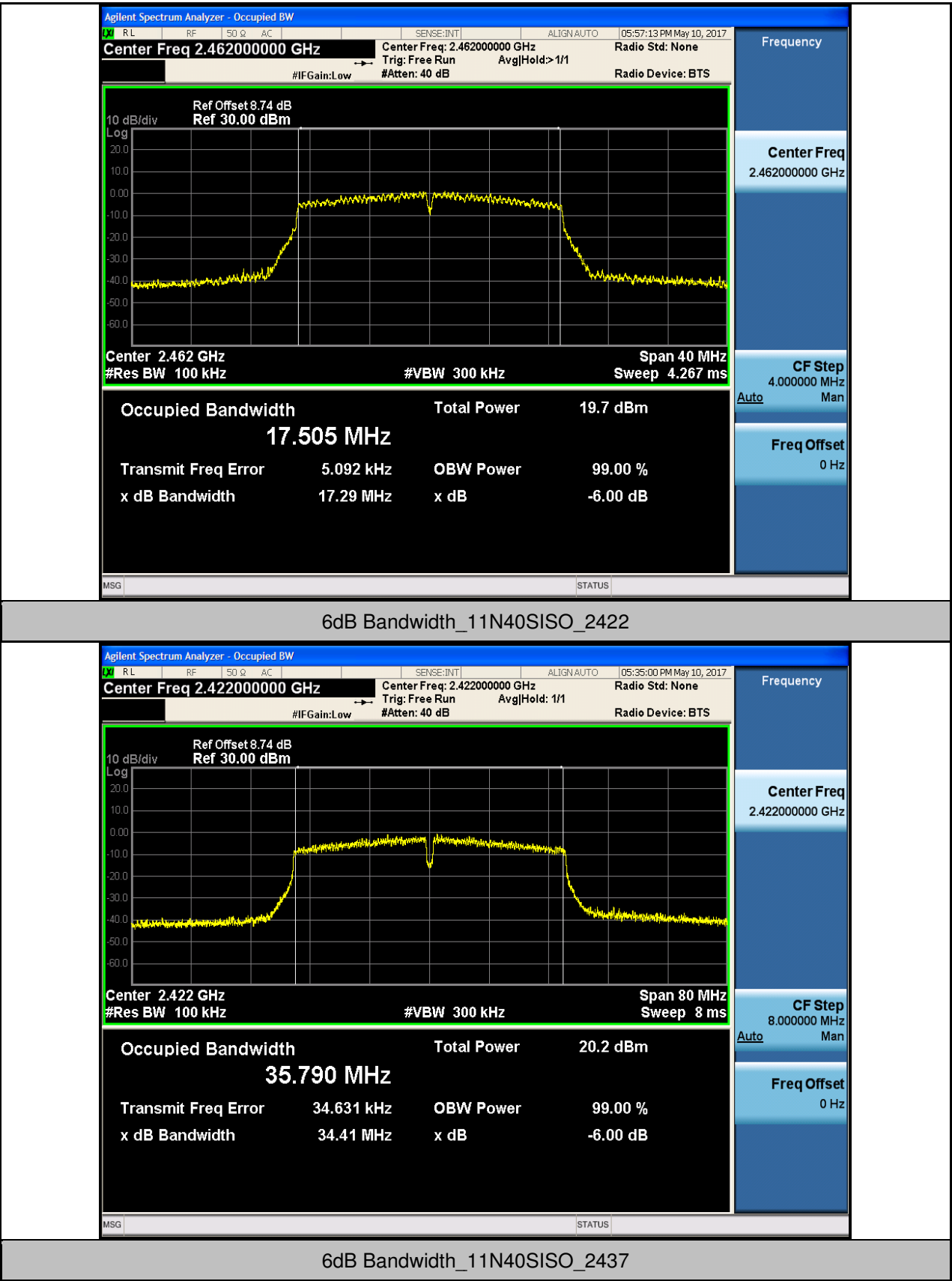


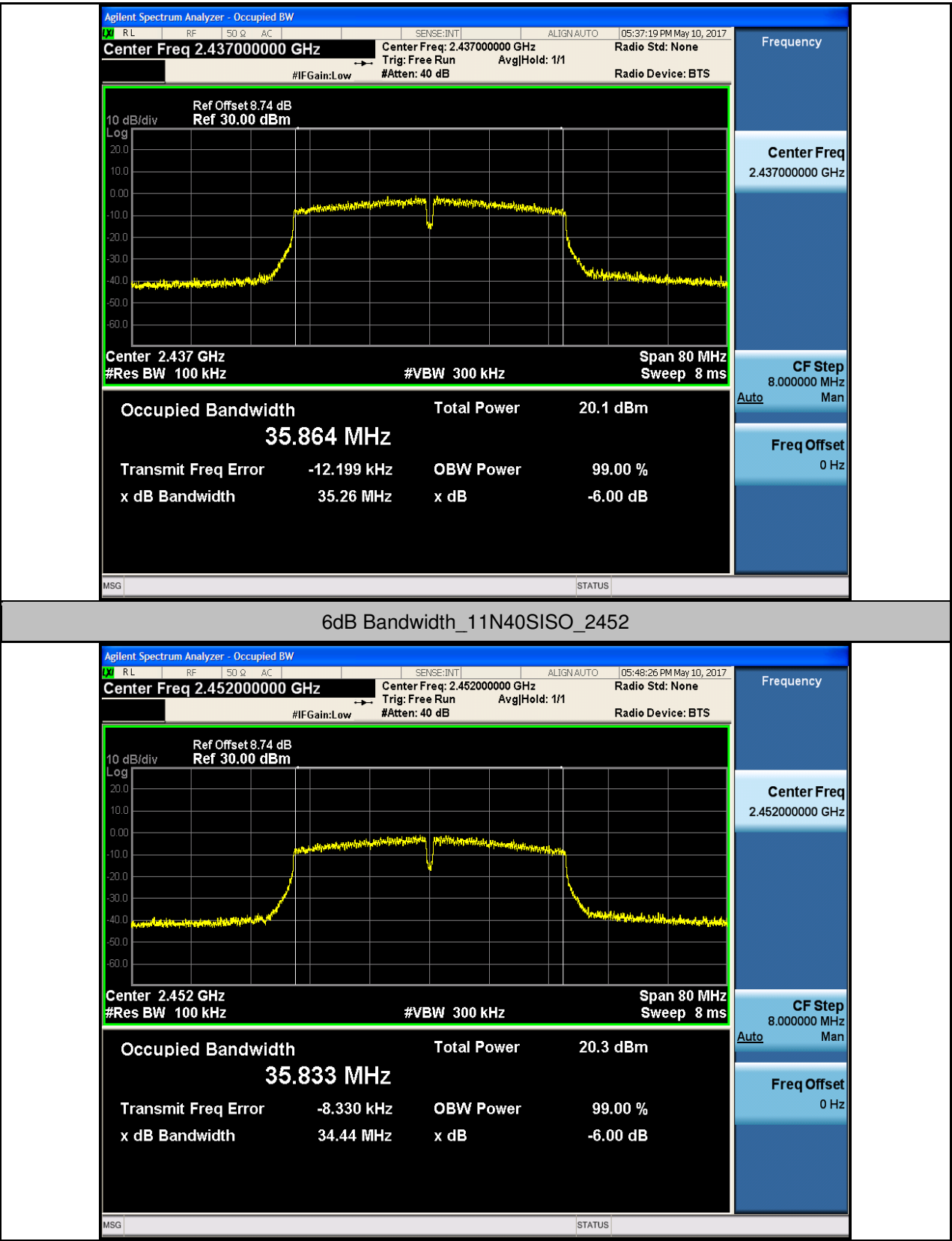


6dB Bandwidth_11N20SISO_2437



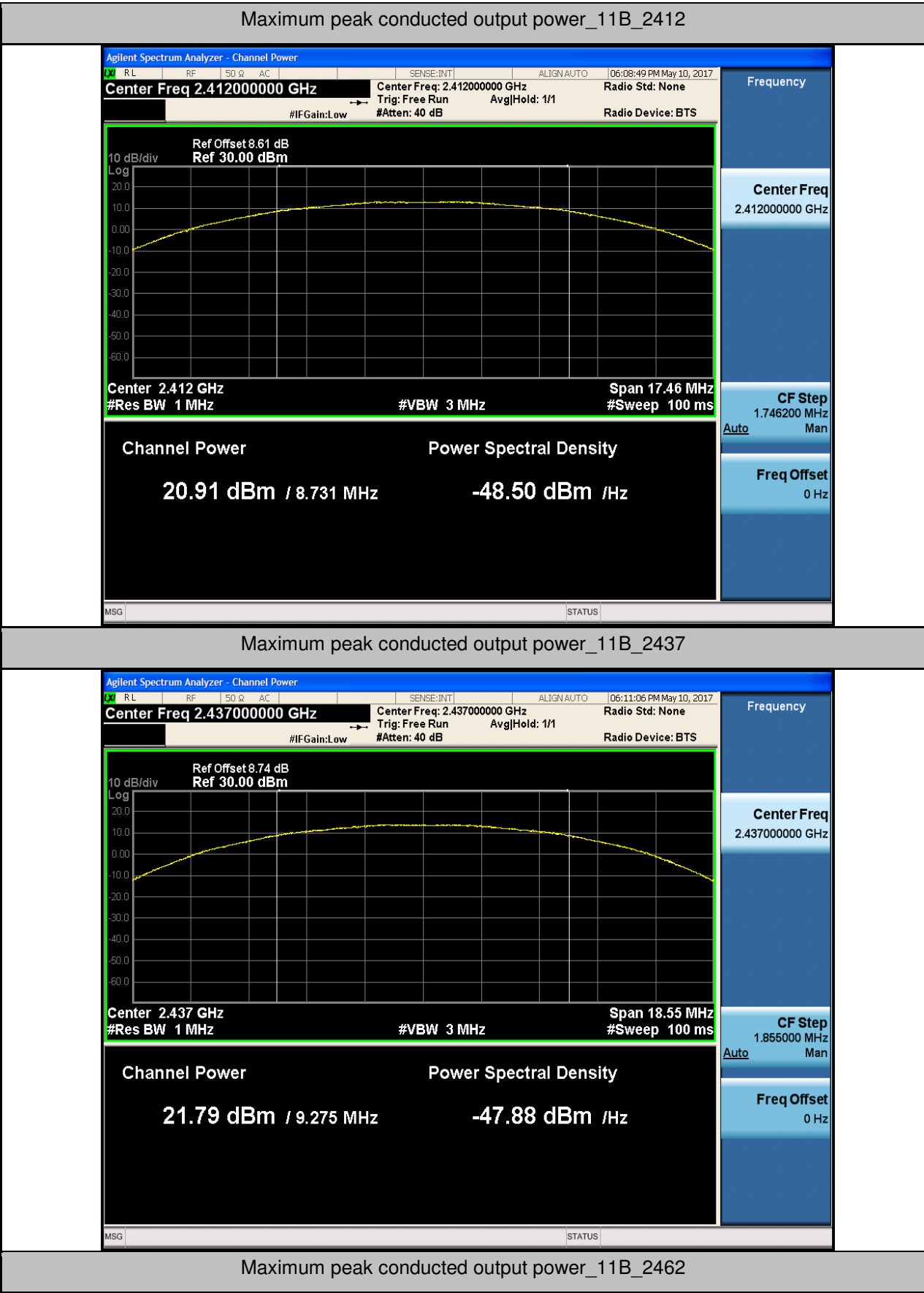
6dB Bandwidth_11N20SISO_2462





2.Maximum peak conducted output power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
11B	2412	20.91	30	PASS
11B	2437	21.79	30	PASS
11B	2462	21.53	30	PASS
11G	2412	20.81	30	PASS
11G	2437	21.52	30	PASS
11G	2462	21.22	30	PASS
11N20SISO	2412	20.69	30	PASS
11N20SISO	2437	21.36	30	PASS
11N20SISO	2462	21.13	30	PASS
11N40SISO	2422	21.57	30	PASS
11N40SISO	2437	21.58	30	PASS
11N40SISO	2452	21.64	30	PASS



Maximum peak conducted output power_11B_2437

Agilent Spectrum Analyzer - Channel Power

RL

RF

50 Ω

AC

SENSE:INT

ALIGN:AUTO

06:11:06 PM May 10, 2017

Center Freq 2.437000000 GHz

Center Freq: 2.437000000 GHz

Radio Std: None

#IFGain:Low

Trig: Free Run

Avg/Hold: 1/1

Radio Device: BTS

Ref Offset 8.74 dB

Ref 30.00 dBm

10 dB/div

Log



Center 2.437 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 18.55 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

21.79 dBm / 9.275 MHz

-47.88 dBm /Hz

MSG

STATUS

Frequency

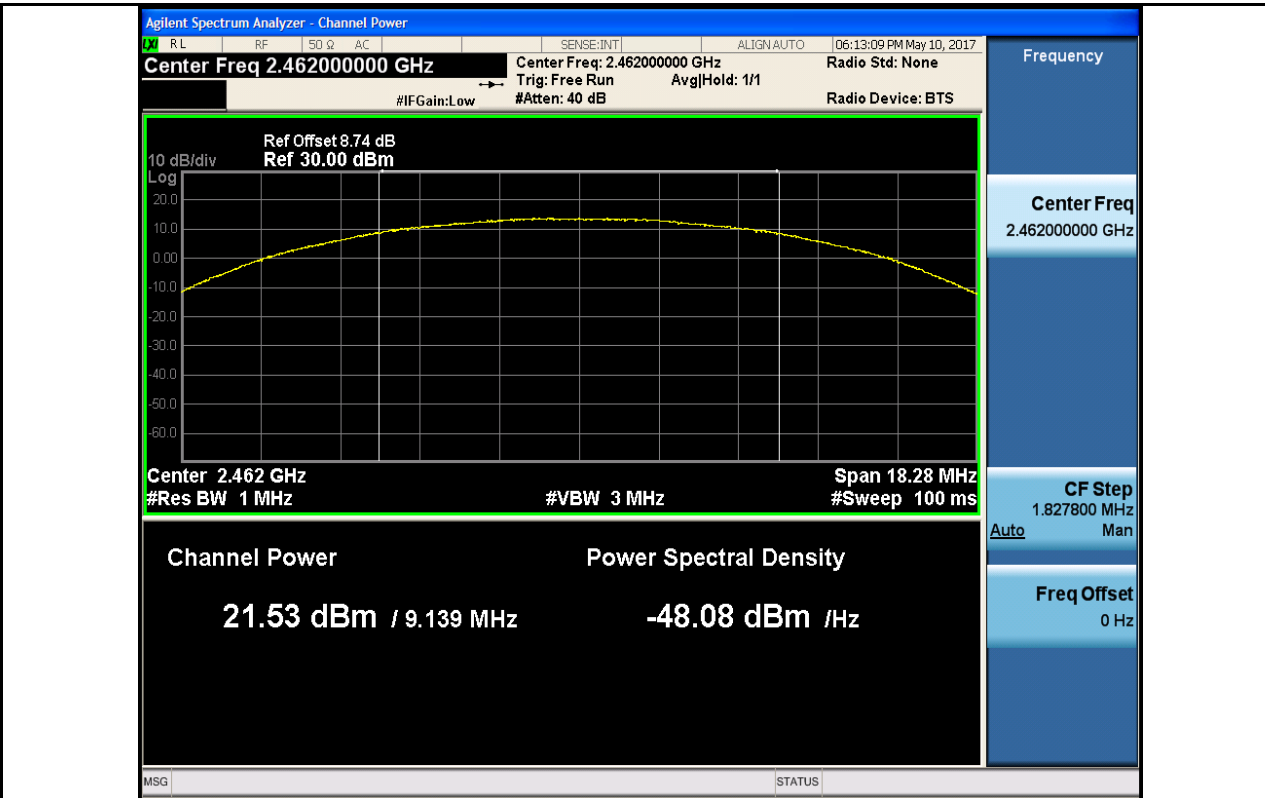
Center Freq2.437000000 GHz

CF Step1.855000 MHz

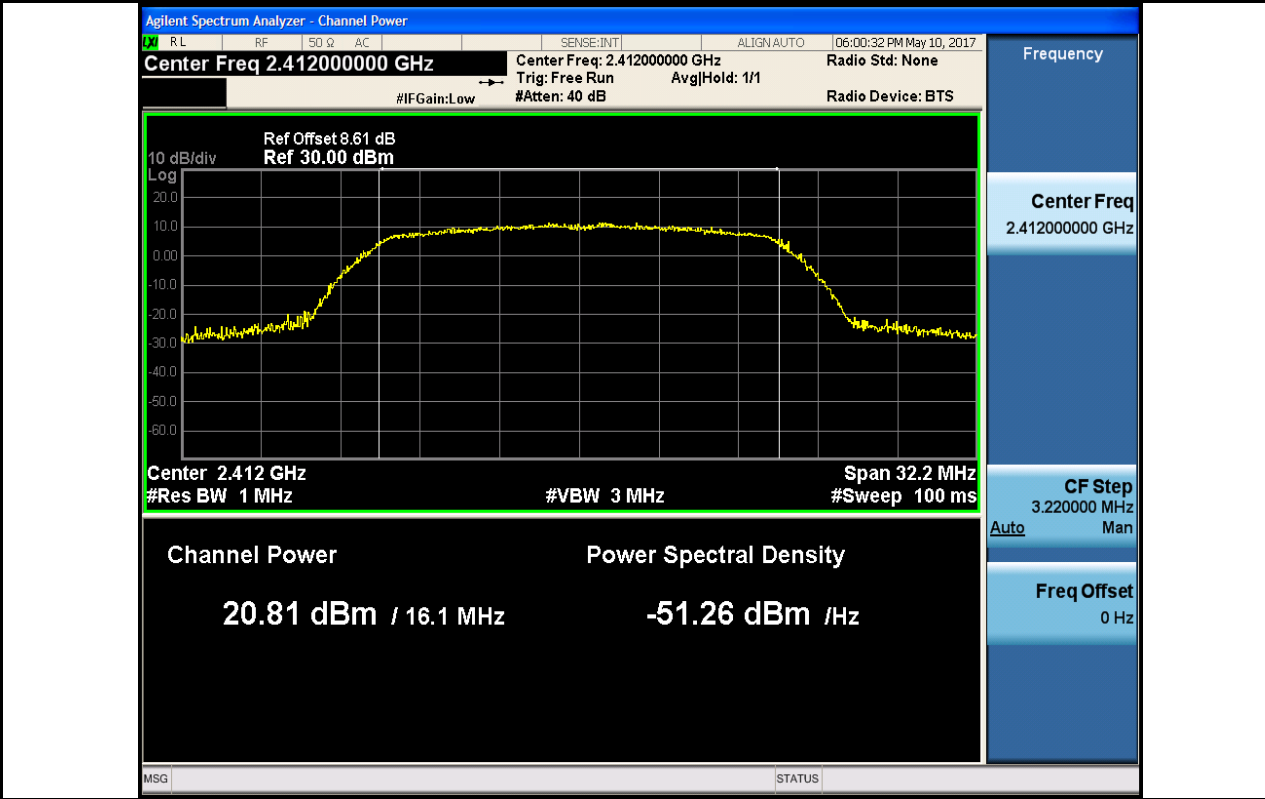
AutoMan

Freq Offset0 Hz

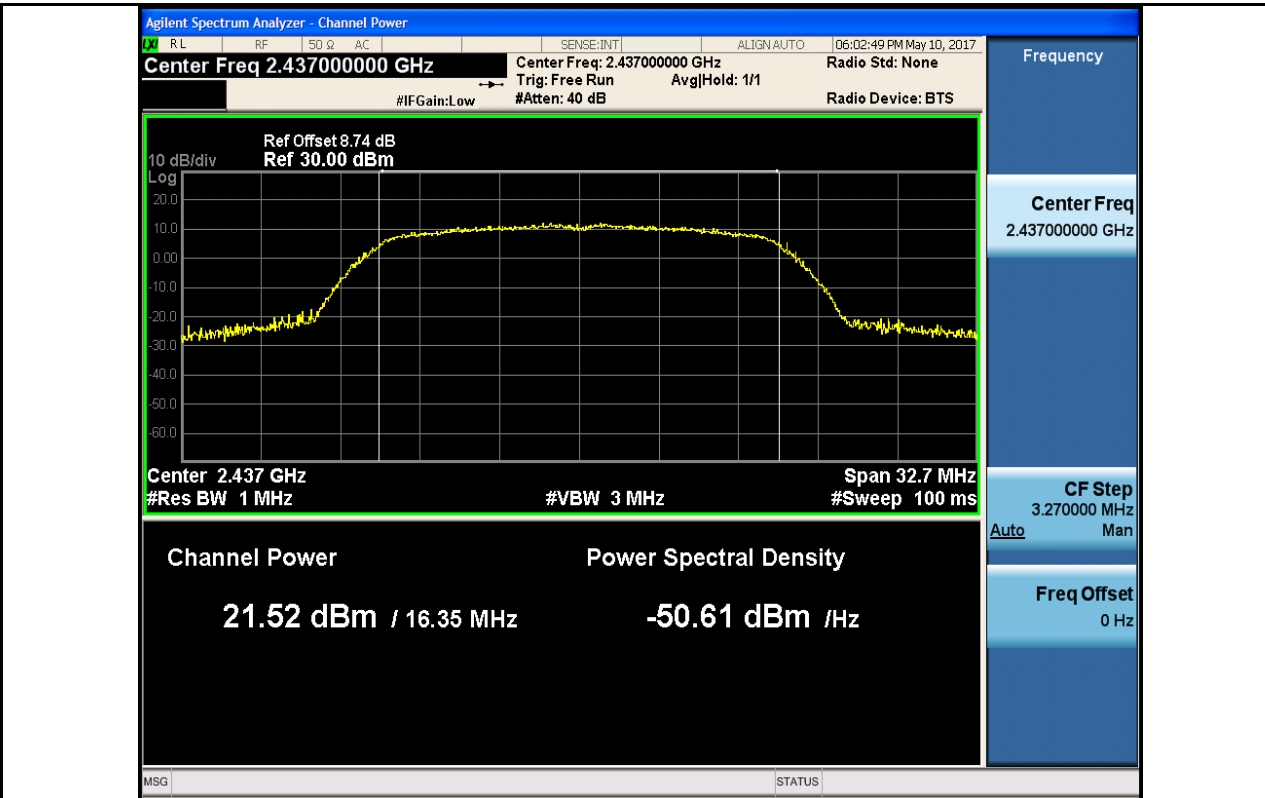
Maximum peak conducted output power_11B_2462



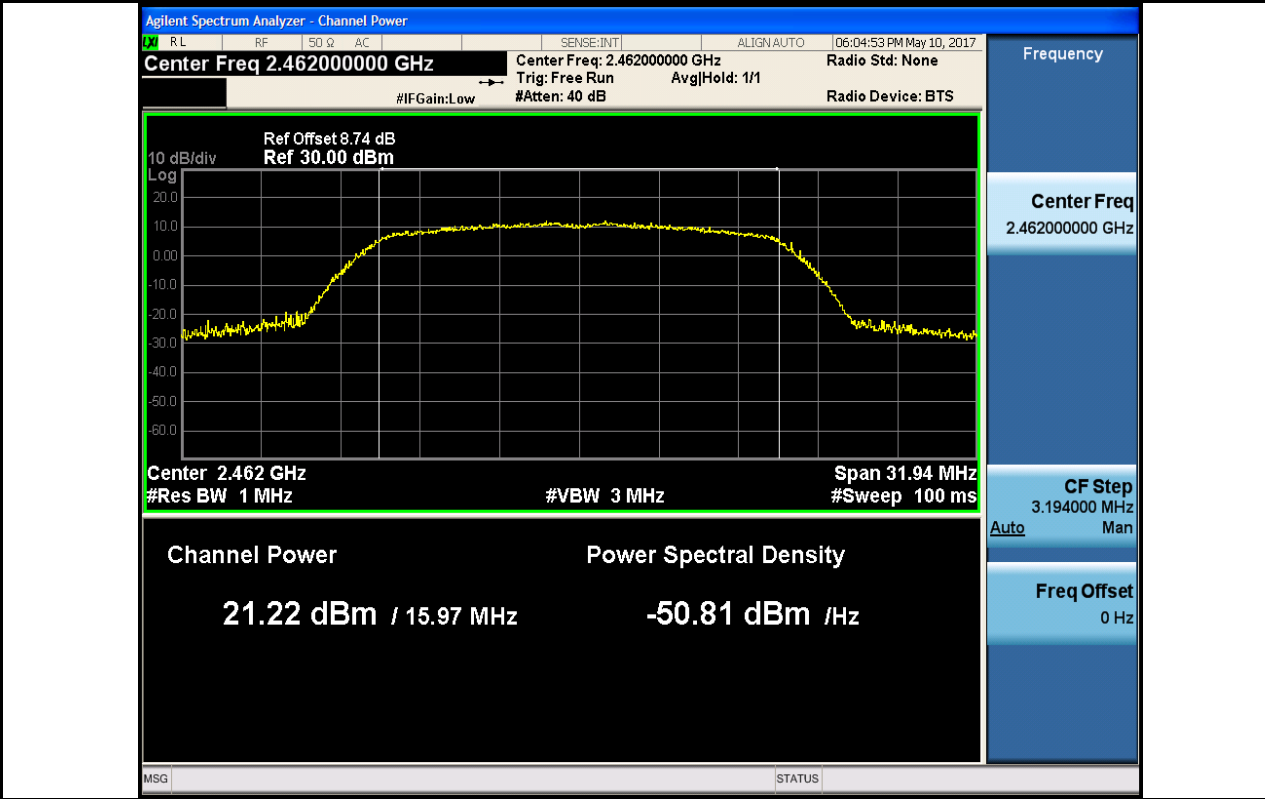
Maximum peak conducted output power_11G_2412



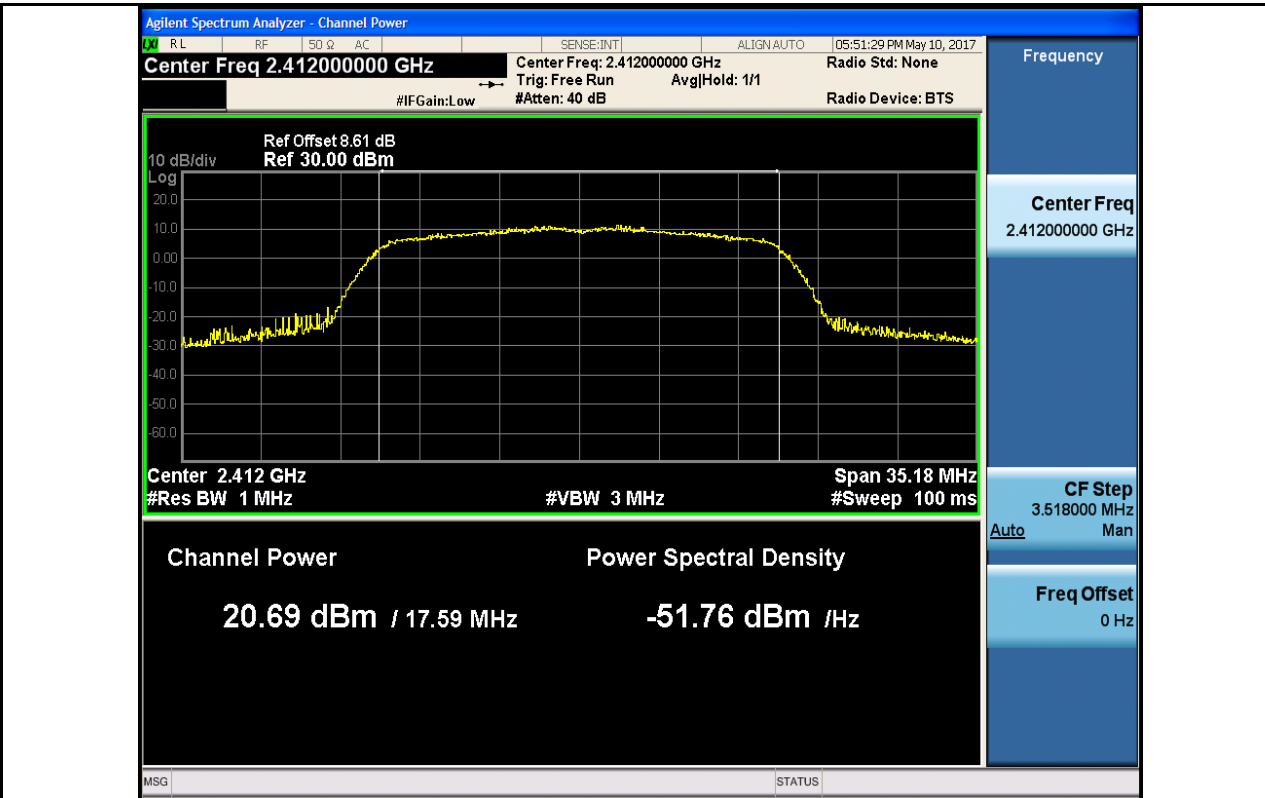
Maximum peak conducted output power_11G_2437



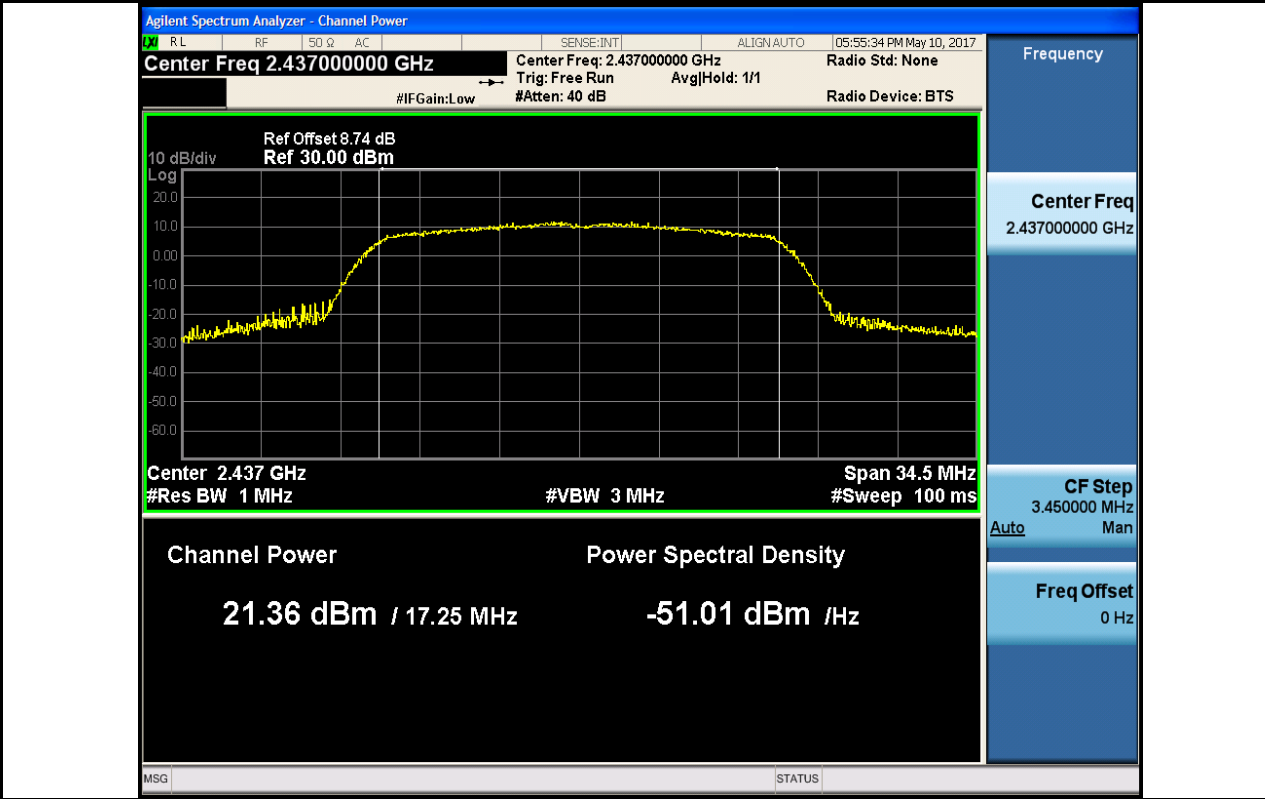
Maximum peak conducted output power_11G_2462



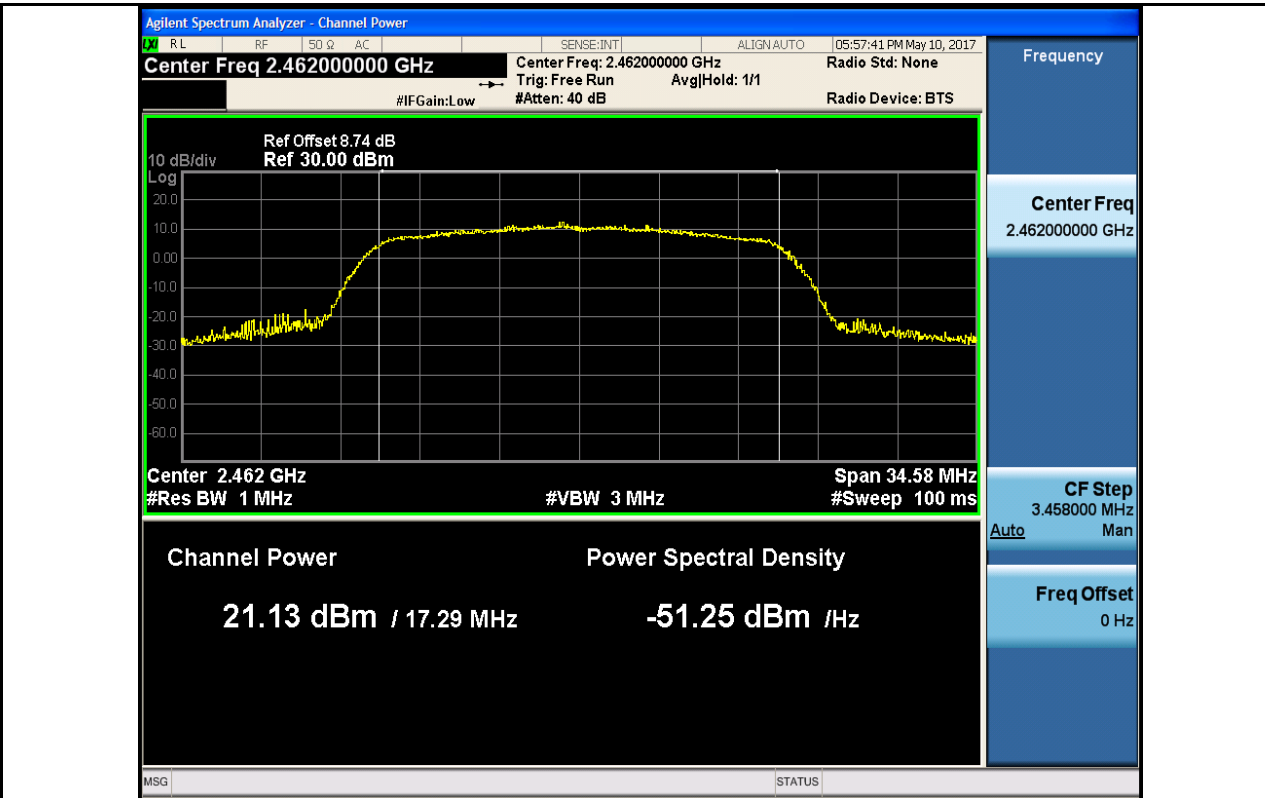
Maximum peak conducted output power_11N20ISO_2412



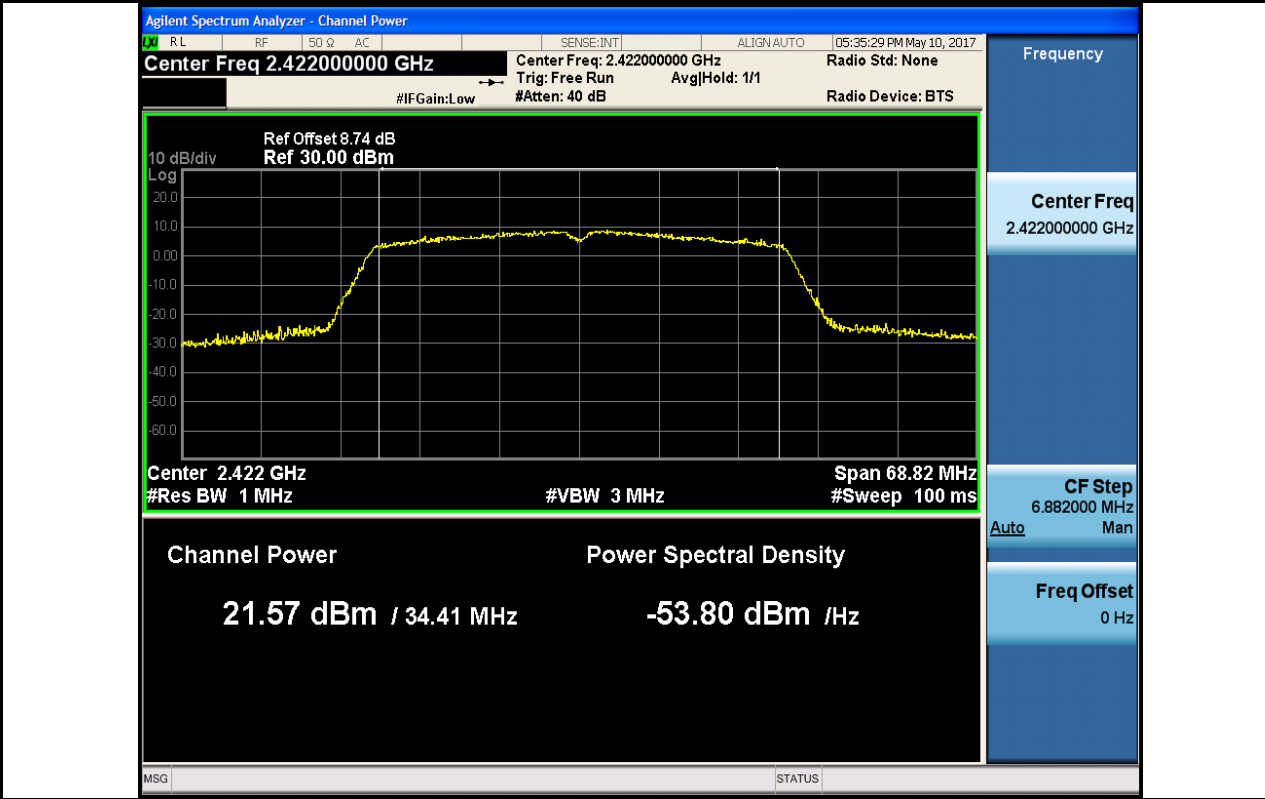
Maximum peak conducted output power_11N20SISO_2437



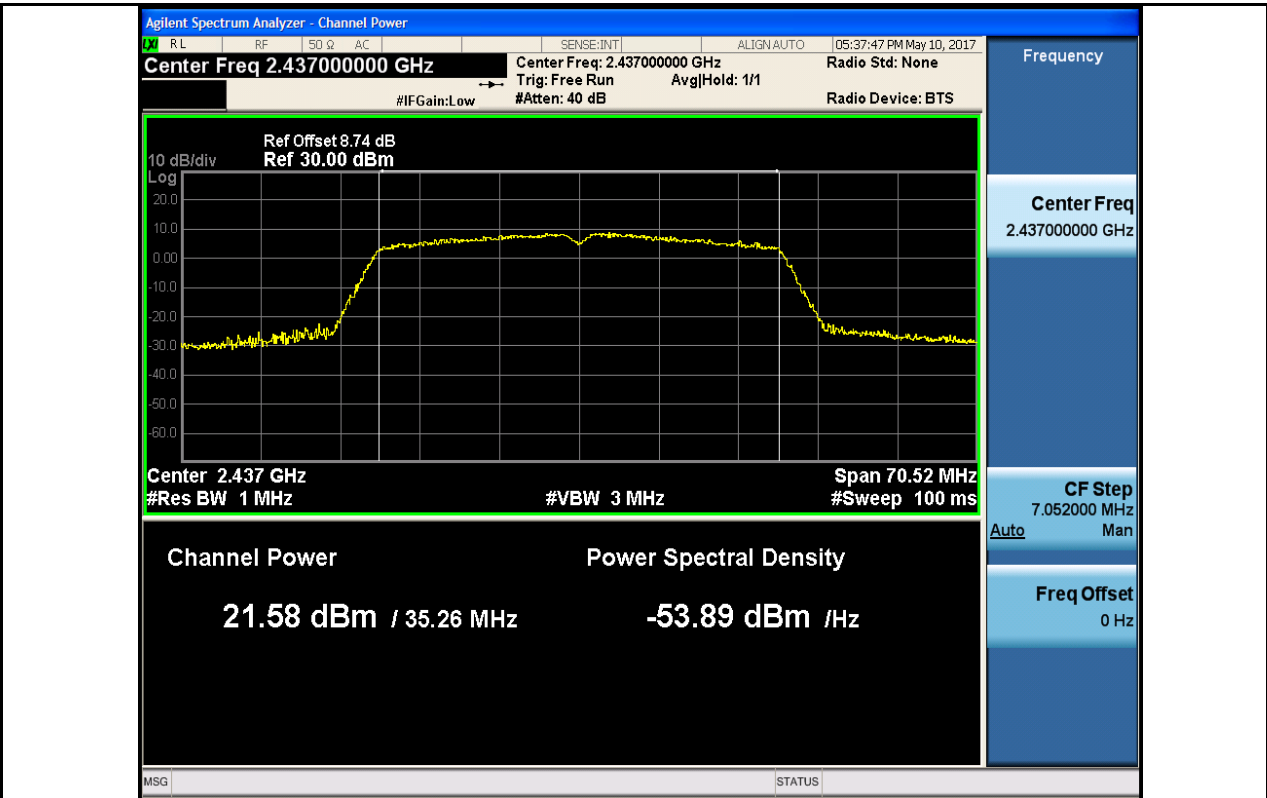
Maximum peak conducted output power_11N20SISO_2462



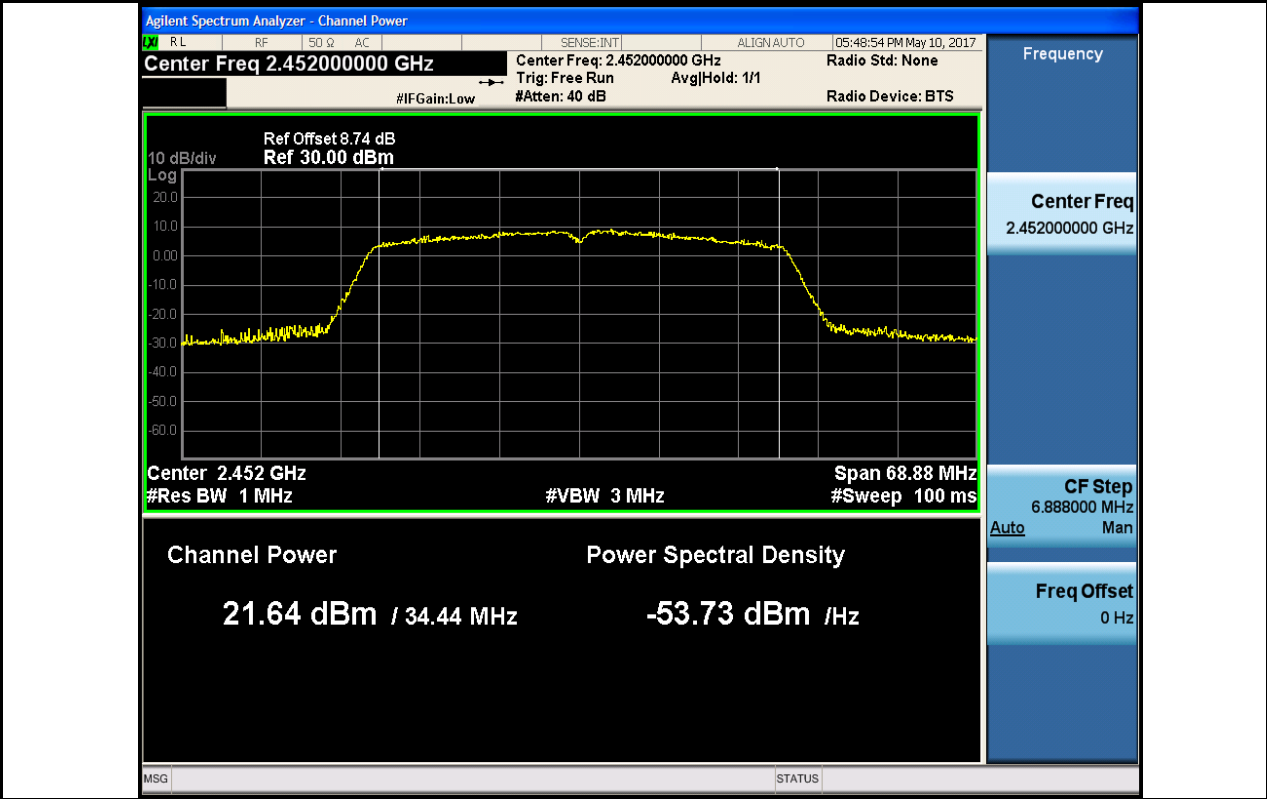
Maximum peak conducted output power_11N40ISO_2422



Maximum peak conducted output power_11N40ISO_2437



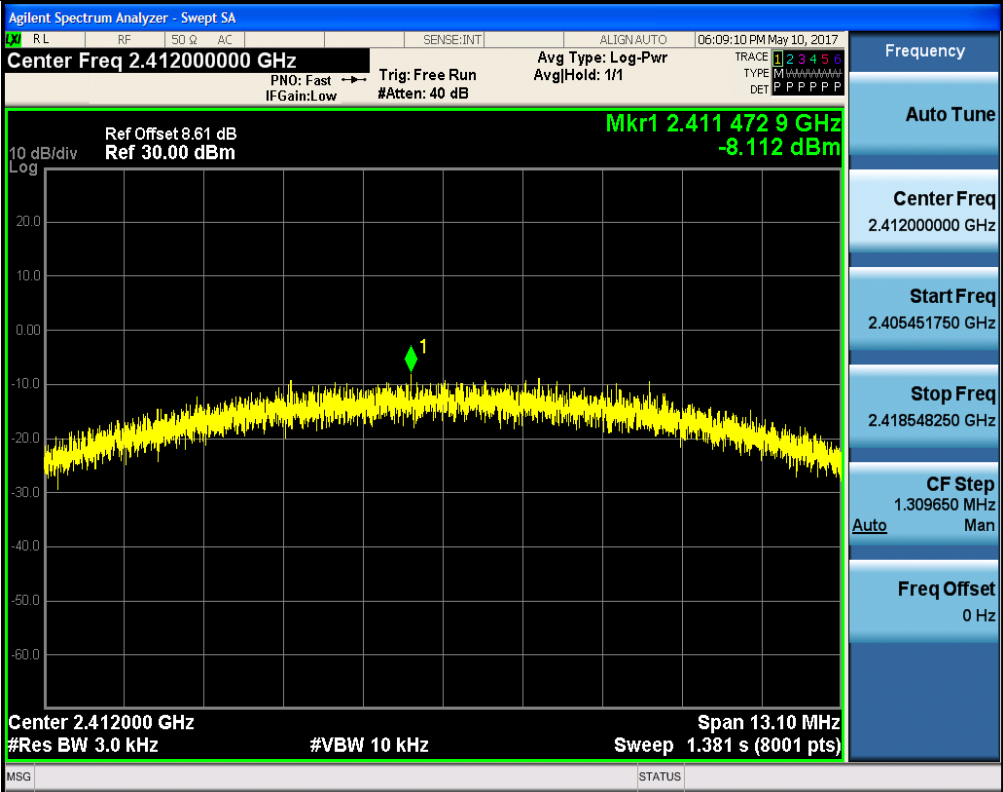
Maximum peak conducted output power_11N40ISO_2452



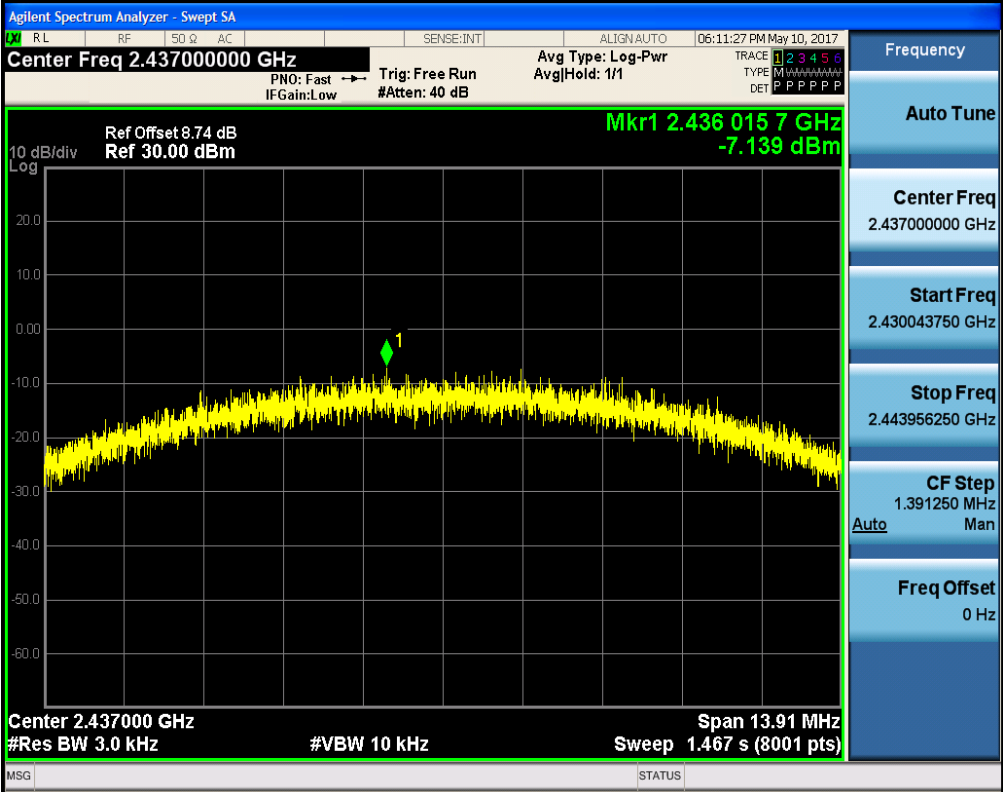
3.Maximum Peak power spectral density

Test Mode	Test Channel	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-8.112	8.00	PASS
11B	2437	-7.139	8.00	PASS
11B	2462	-7.152	8.00	PASS
11G	2412	-11.759	8.00	PASS
11G	2437	-11.771	8.00	PASS
11G	2462	-12.226	8.00	PASS
11N20SISO	2412	-13.192	8.00	PASS
11N20SISO	2437	-12.244	8.00	PASS
11N20SISO	2462	-12.069	8.00	PASS
11N40SISO	2422	-14.101	8.00	PASS
11N40SISO	2437	-15.12	8.00	PASS
11N40SISO	2452	-15.226	8.00	PASS

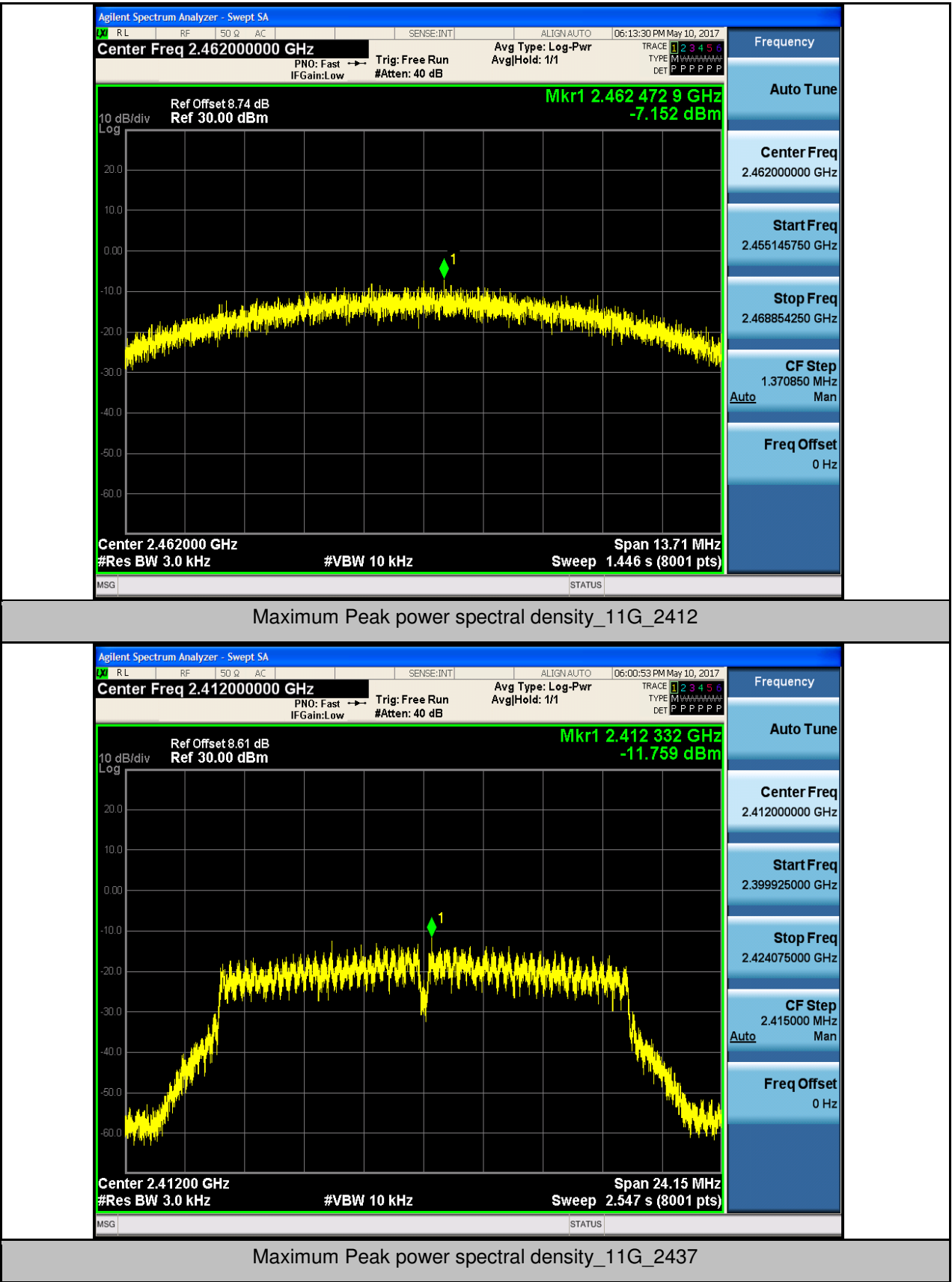
Maximum Peak power spectral density_11B_2412

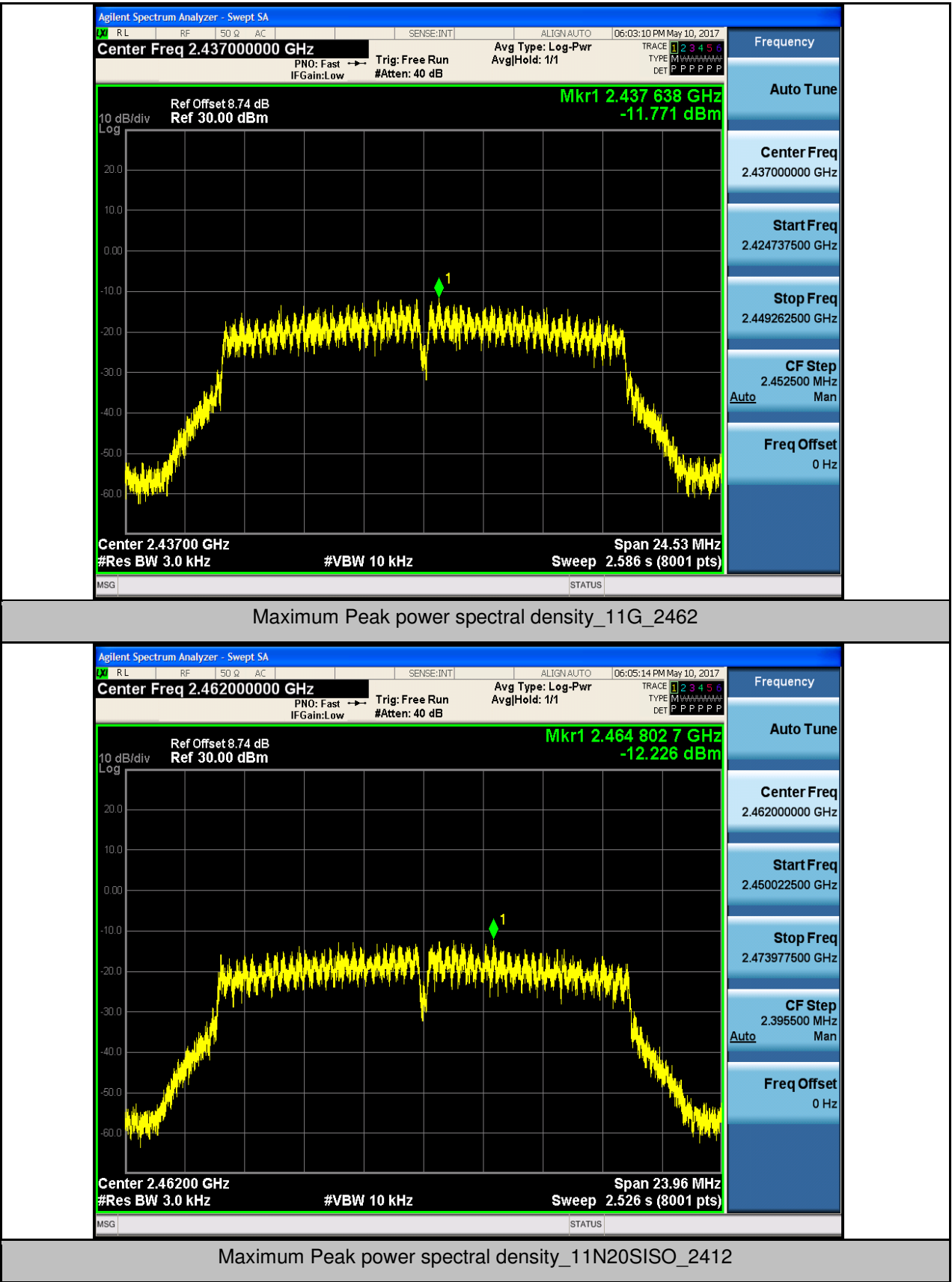


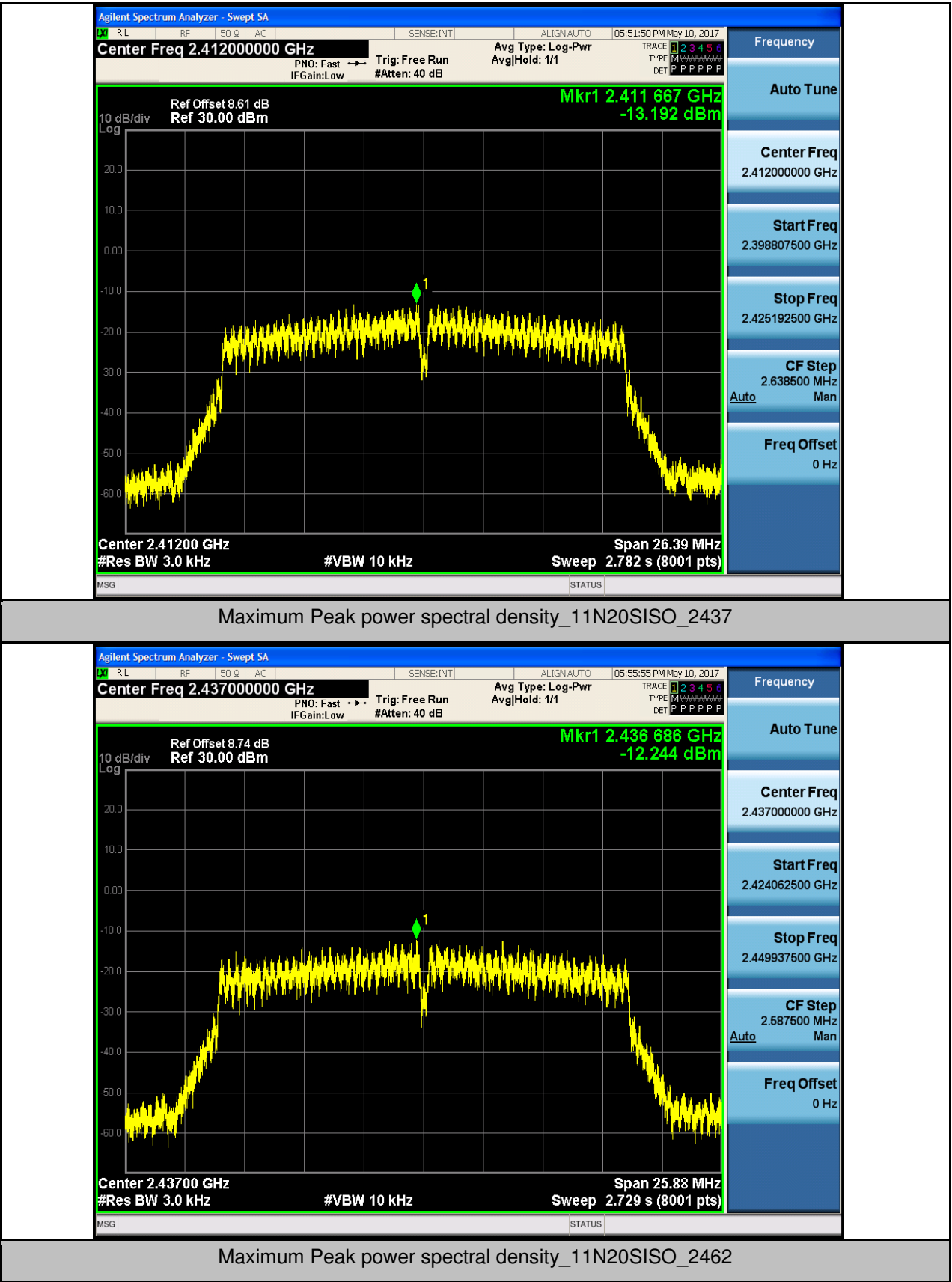
Maximum Peak power spectral density_11B_2437



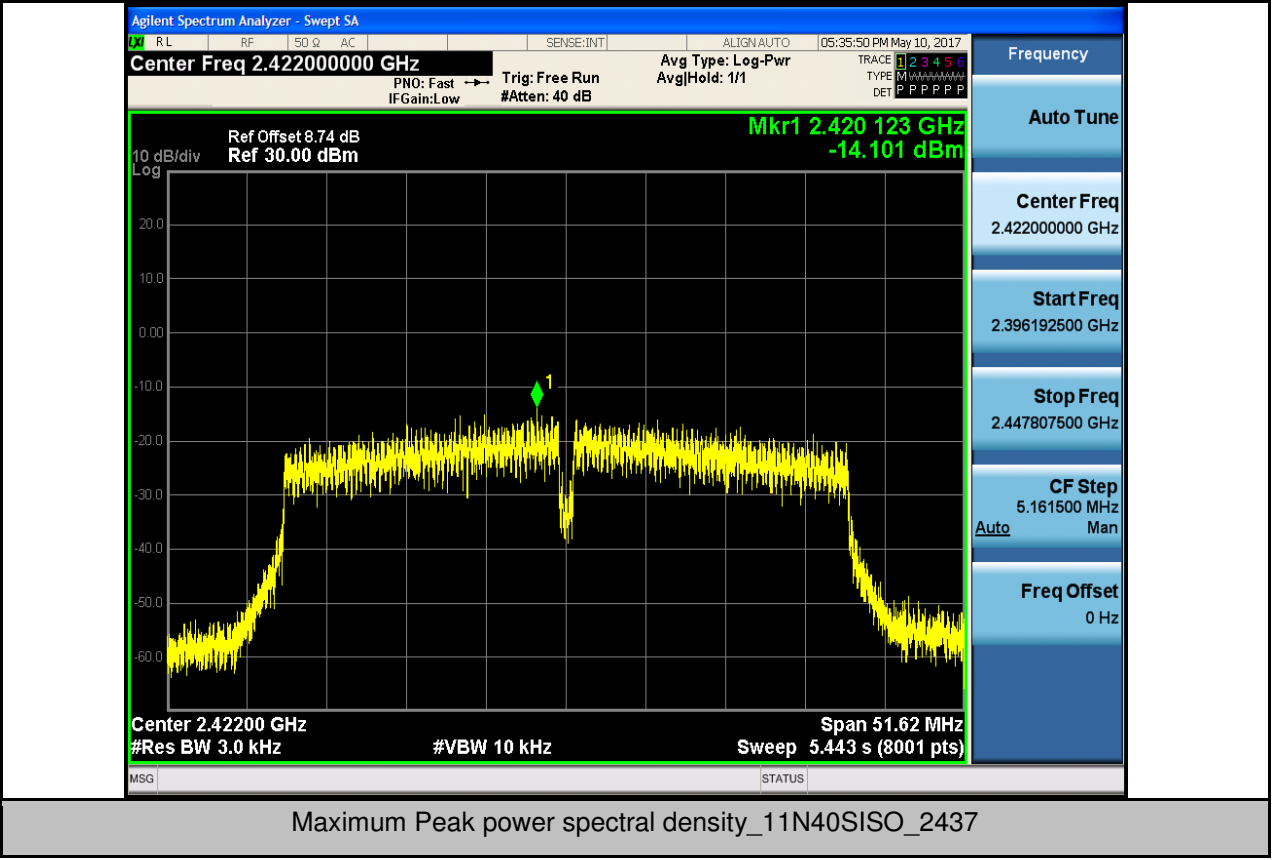
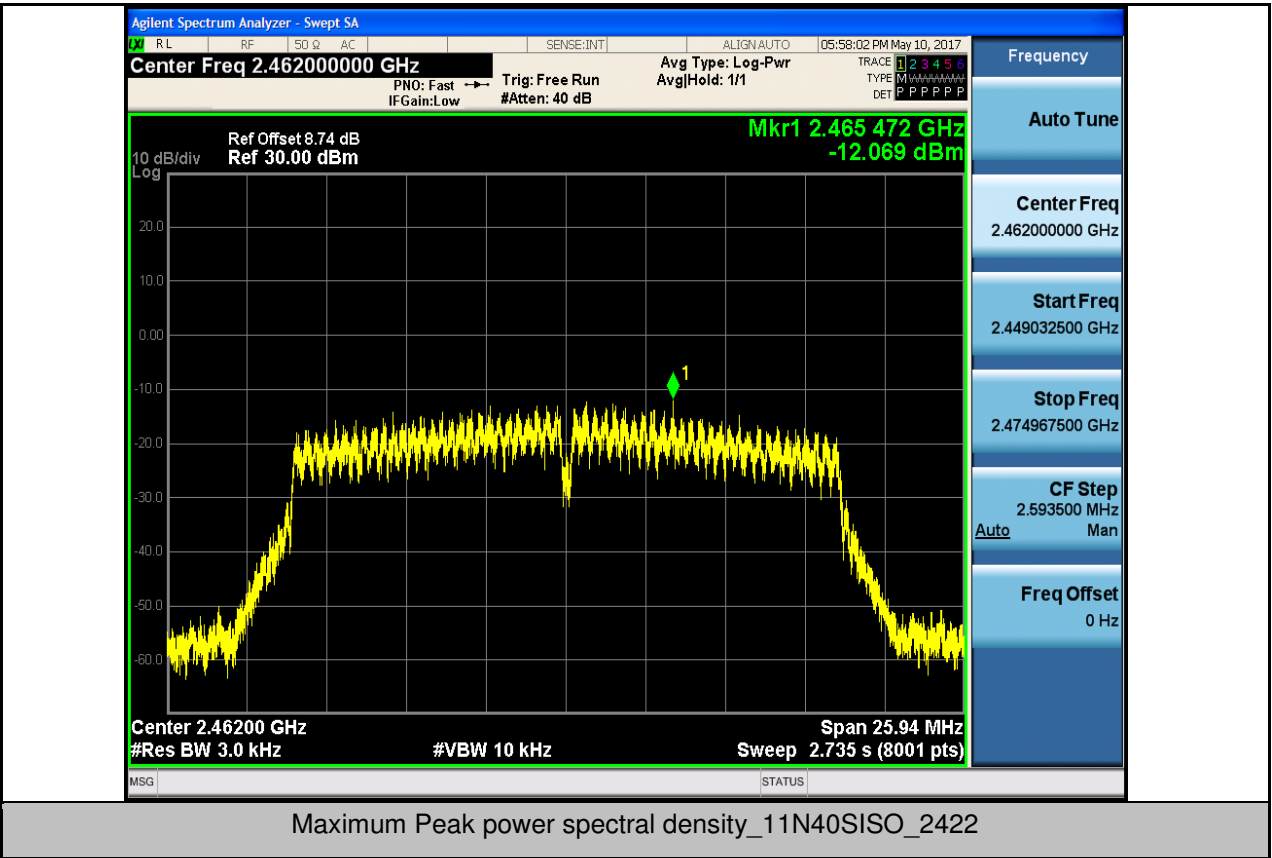
Maximum Peak power spectral density_11B_2462

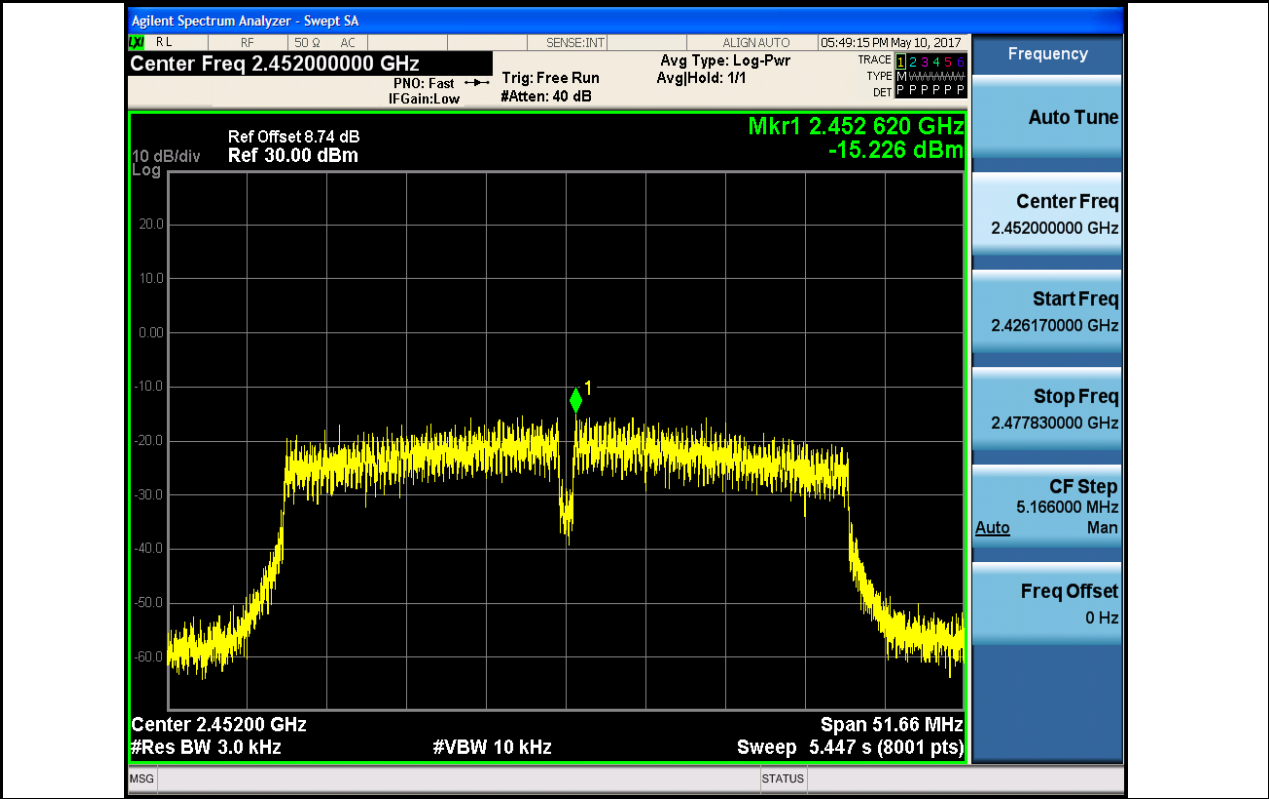
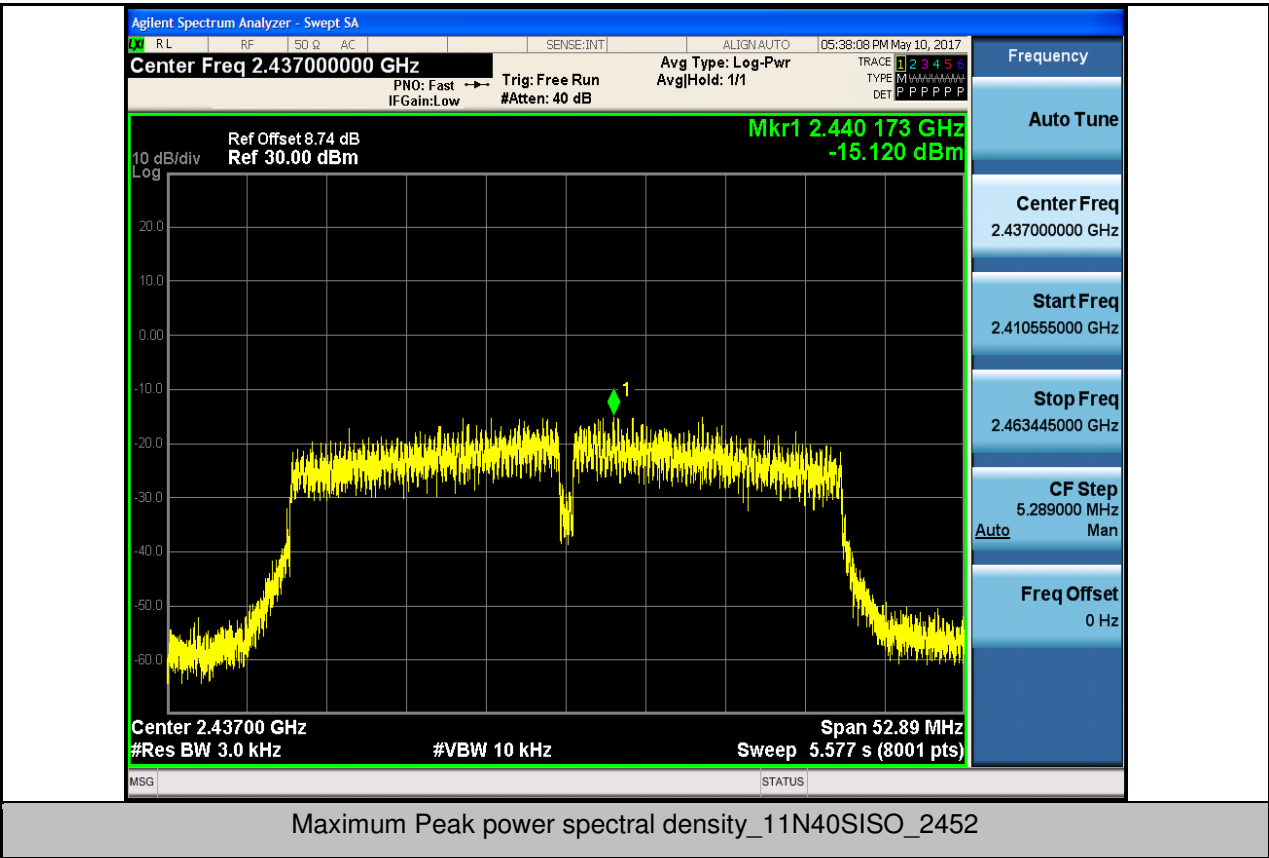






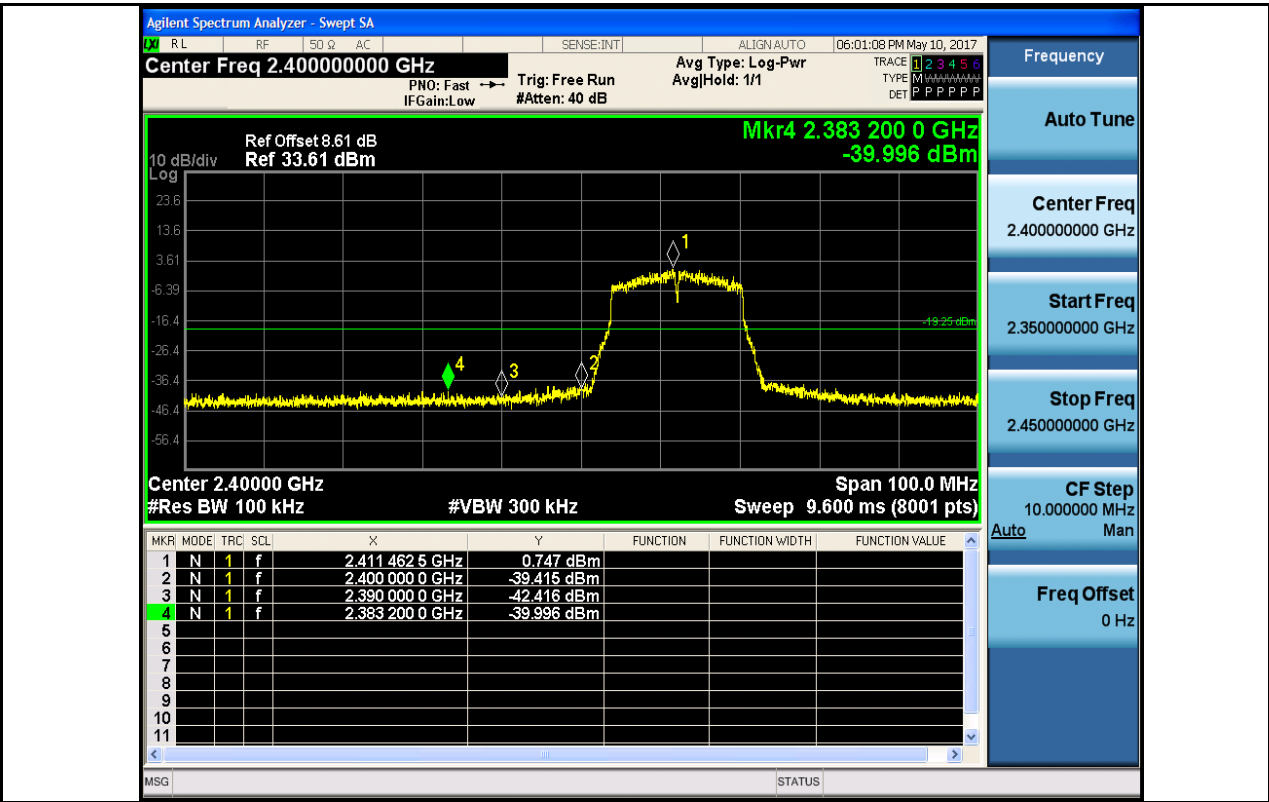
Maximum Peak power spectral density_11N20SISO_2462



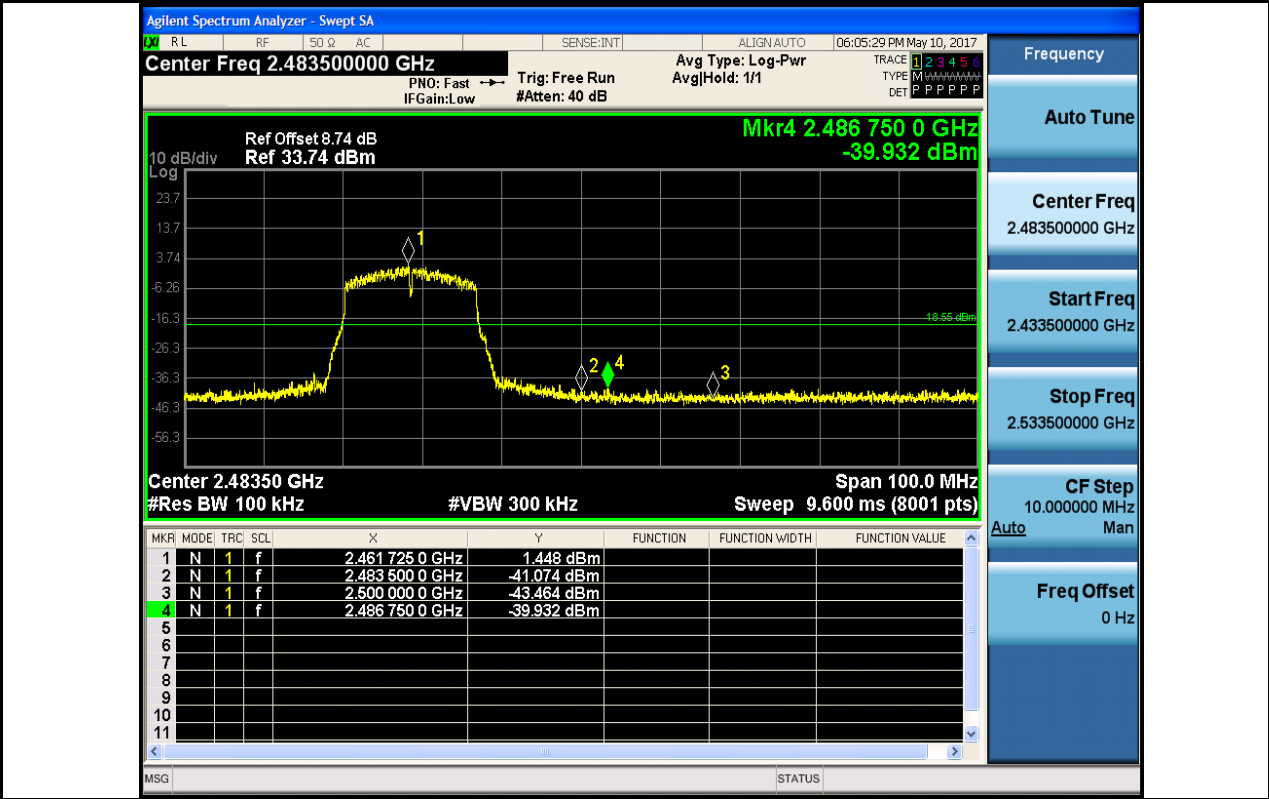


4.Band-edge for RF Conducted Emissions

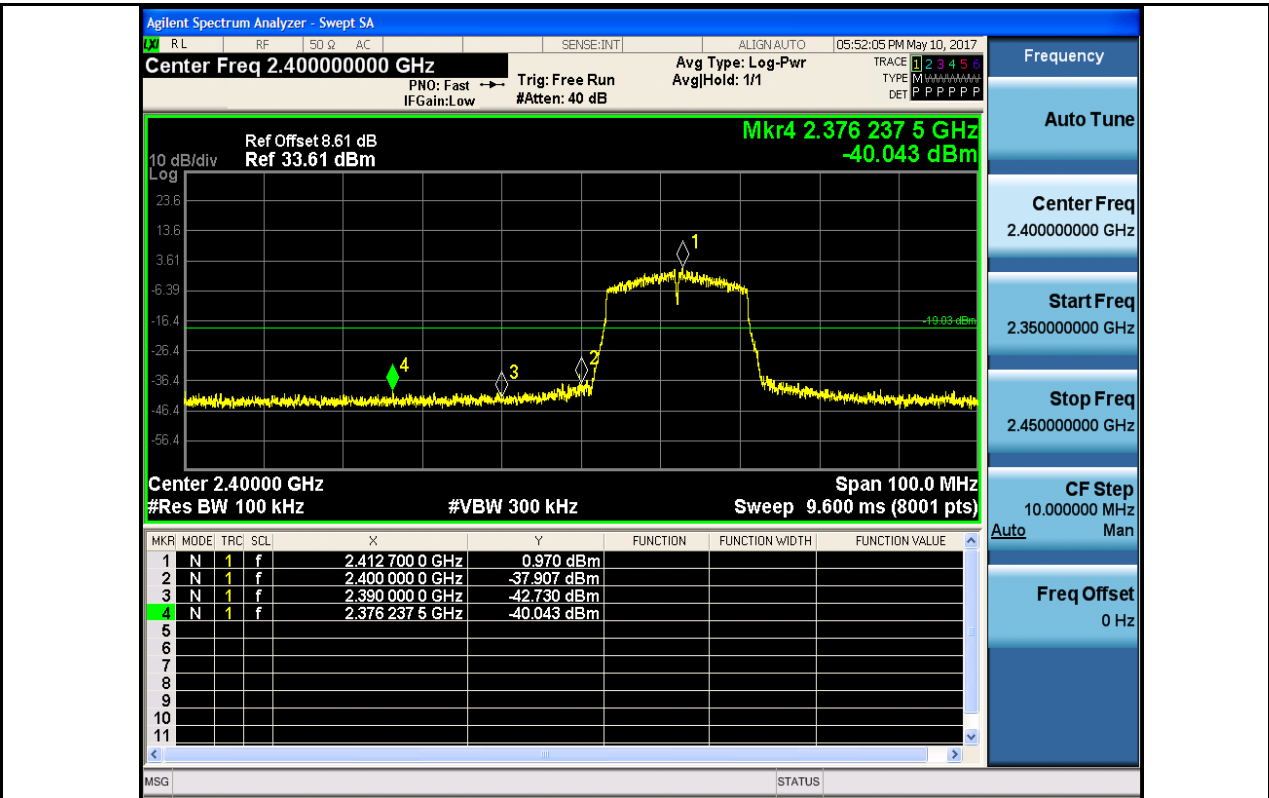
Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	6.785	-40.090	-13.22	PASS
11B	2462	6.199	-39.022	-13.8	PASS
11G	2412	0.747	-39.996	-19.25	PASS
11G	2462	1.448	-39.932	-18.55	PASS
11N20SISO	2412	0.970	-40.043	-19.03	PASS
11N20SISO	2462	1.576	-38.596	-18.42	PASS
11N40SISO	2422	-1.237	-39.249	-21.24	PASS
11N40SISO	2452	-0.696	-37.805	-20.7	PASS



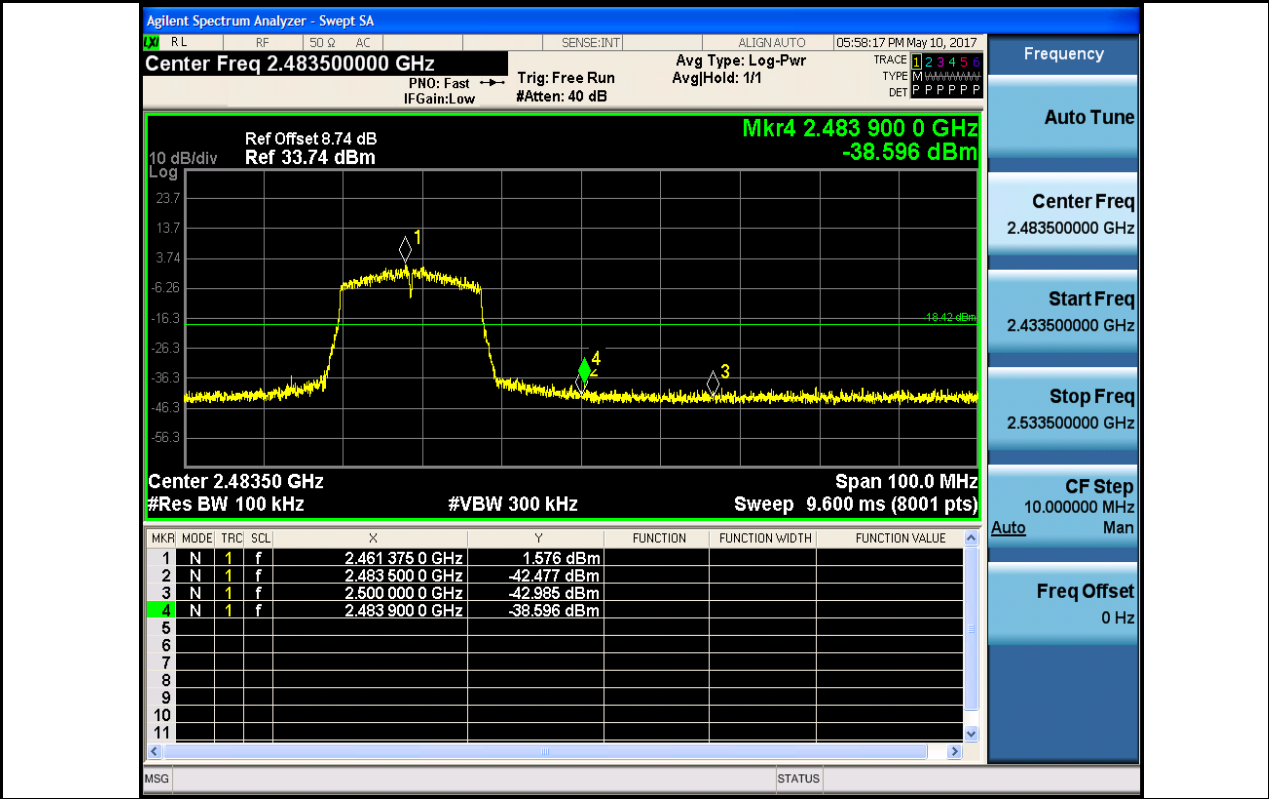
Band-edge for RF Conducted Emissions_11G_2462_Hopping Off



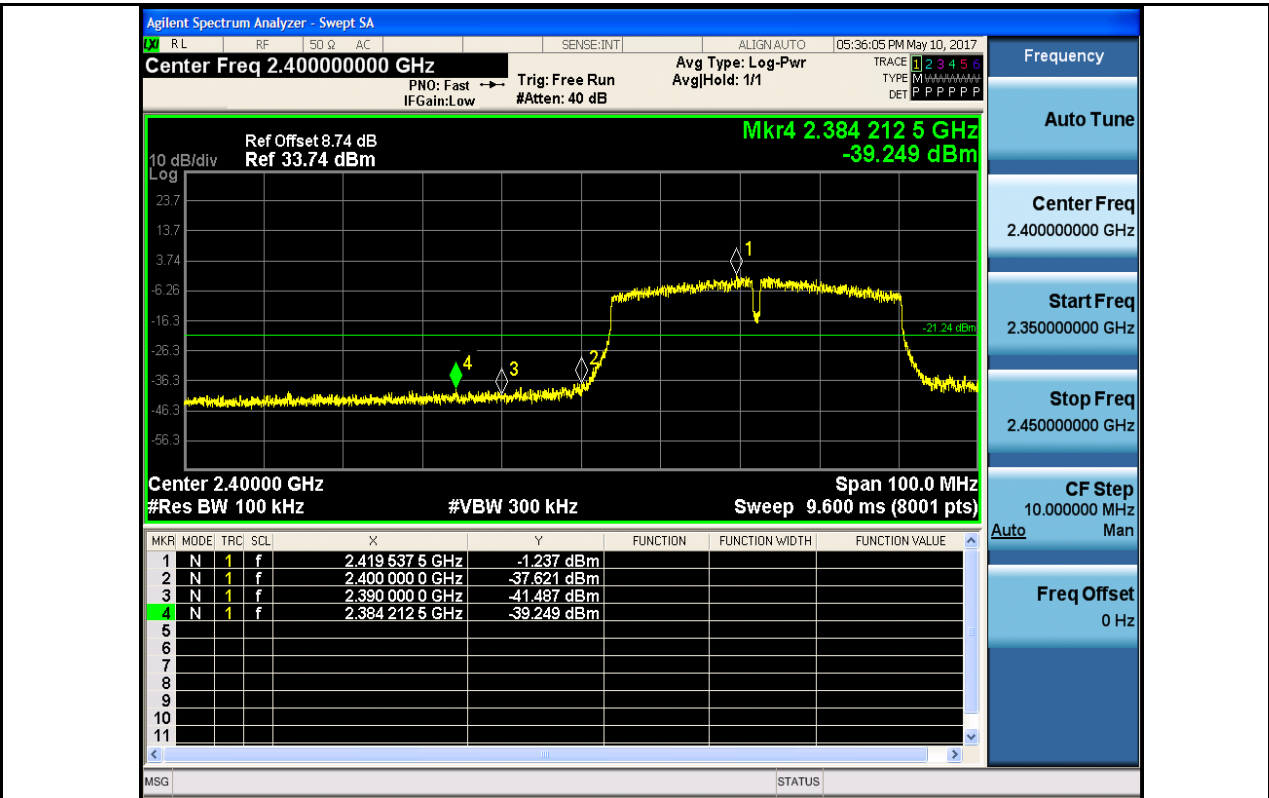
Band-edge for RF Conducted Emissions_11N20SISO_2412_Hopping Off



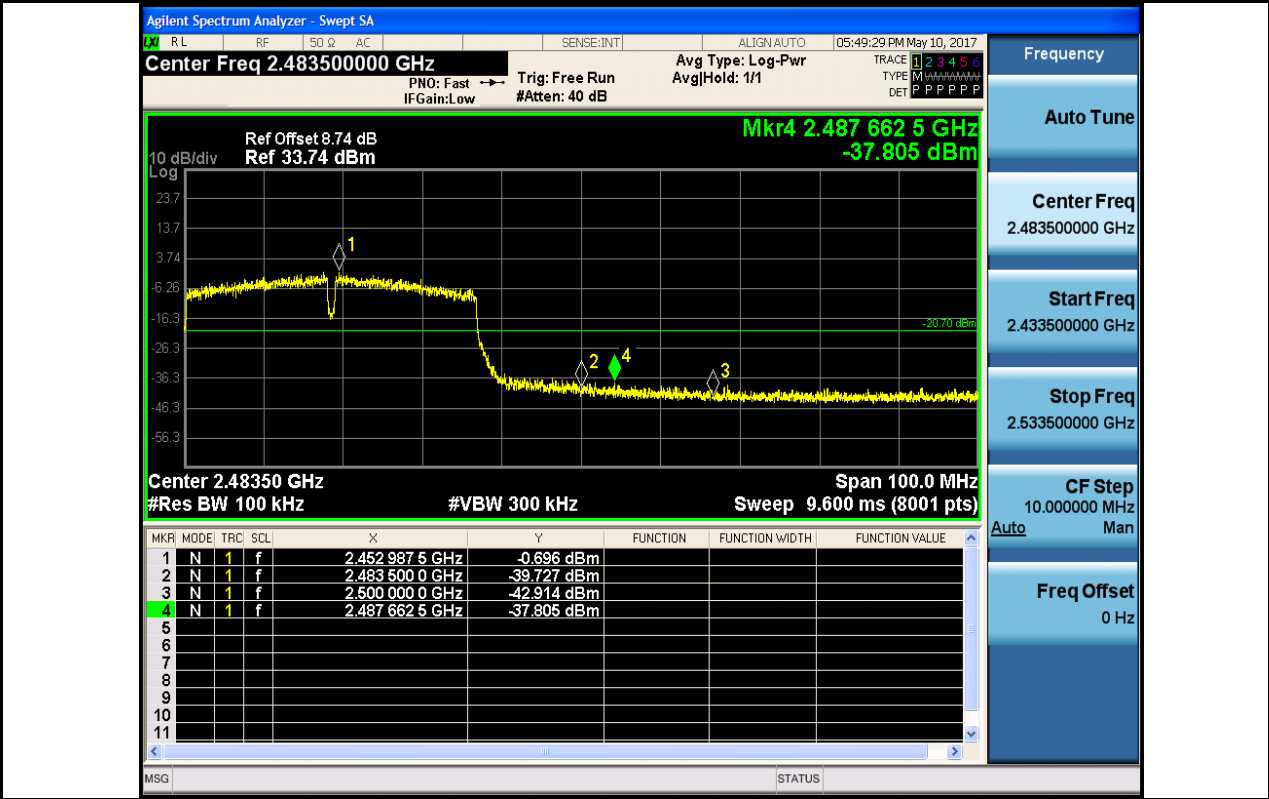
Band-edge for RF Conducted Emissions_11N20SISO_2462_Hopping Off



Band-edge for RF Conducted Emissions_11N40SISO_2422_Hopping Off

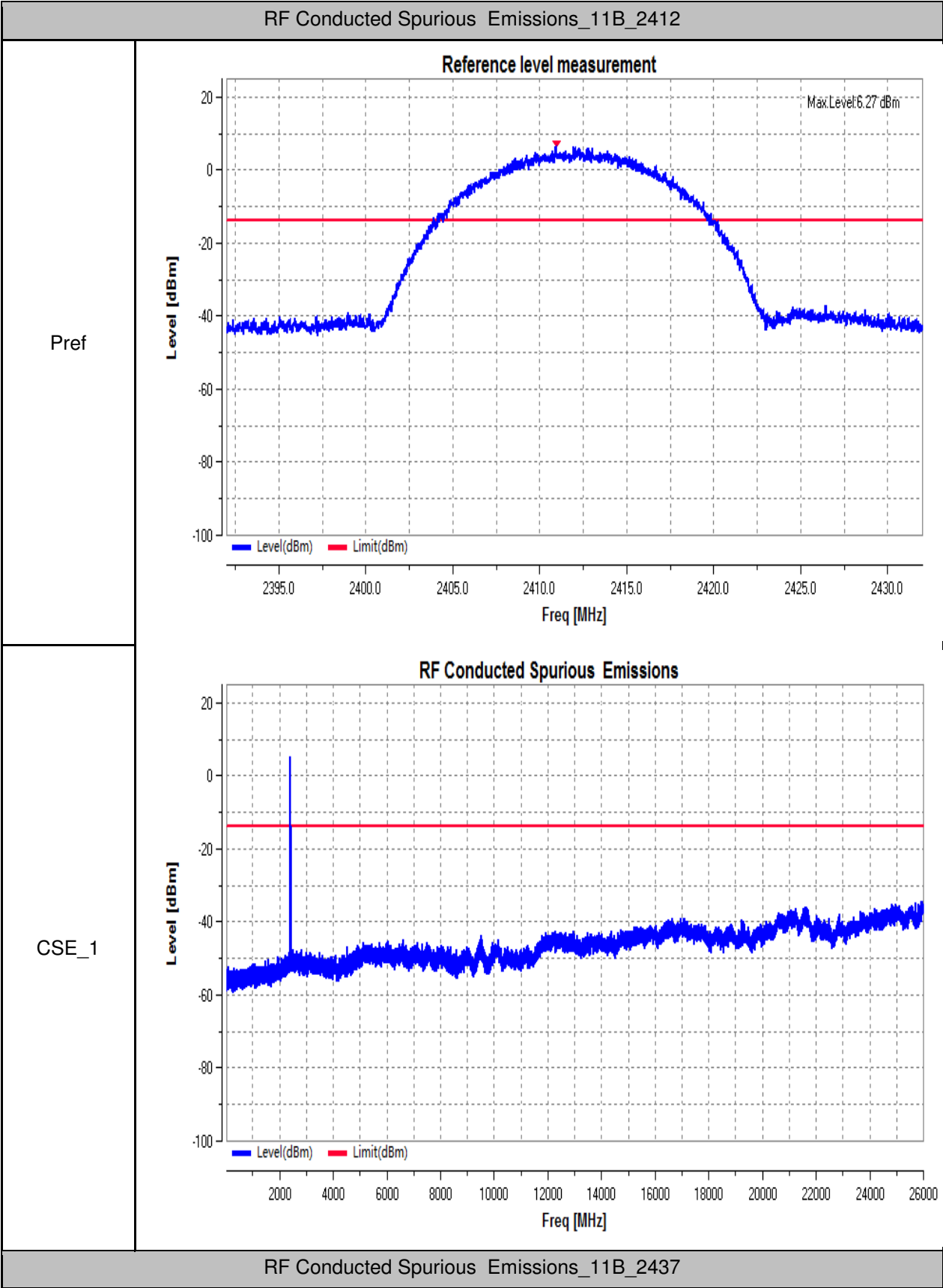


Band-edge for RF Conducted Emissions_11N40SISO_2452_Hopping Off

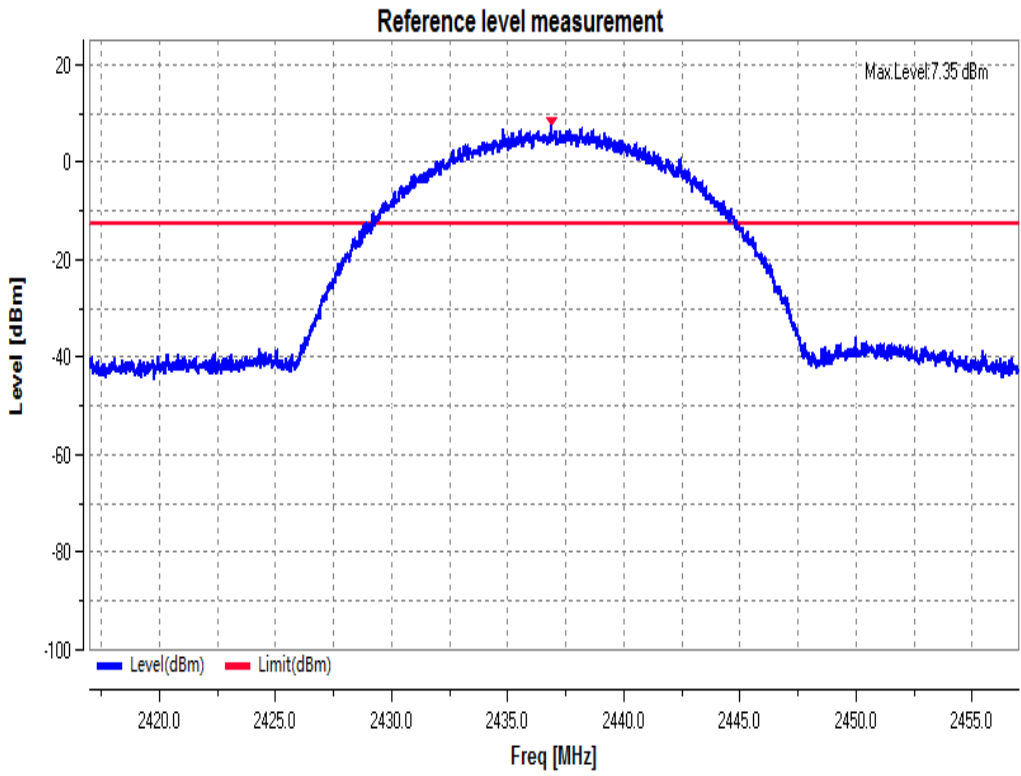


5.RF Conducted Spurious Emissions

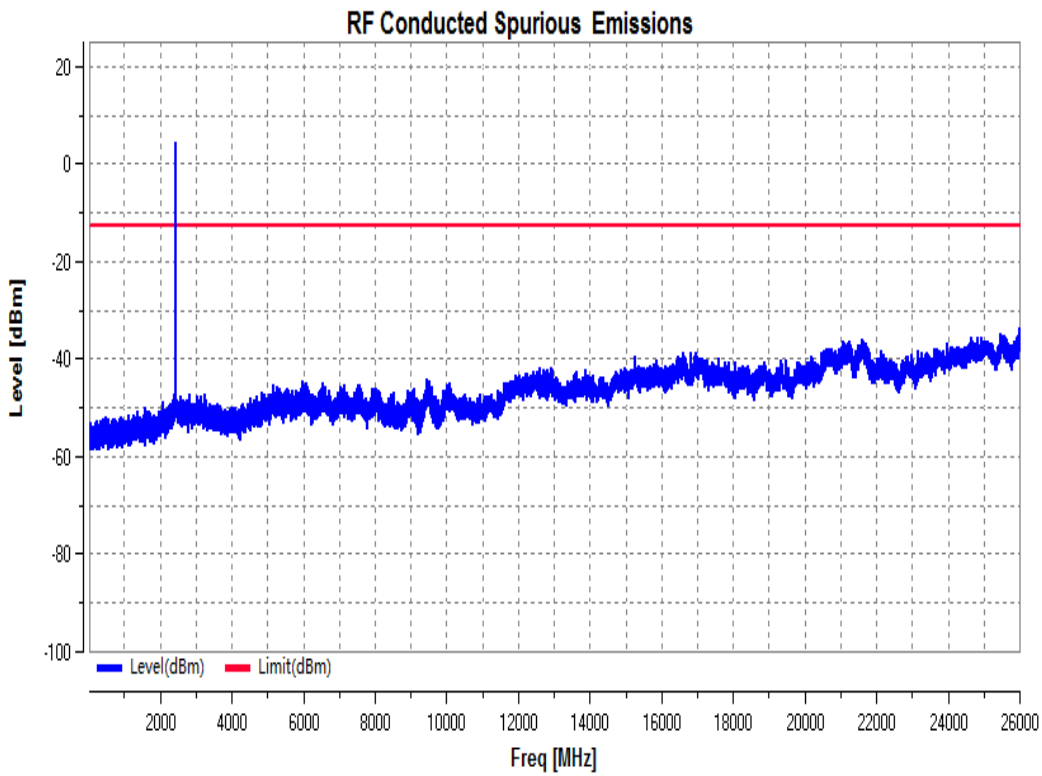
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	30	10000	100	300	6.272	-43.532	-13.728	PASS
11B	2412	10000	26000	100	300	6.272	-34.220	-13.728	PASS
11B	2437	30	10000	100	300	7.345	-44.090	-12.655	PASS
11B	2437	10000	26000	100	300	7.345	-33.702	-12.655	PASS
11B	2462	30	10000	100	300	7.266	-44.492	-12.734	PASS
11B	2462	10000	26000	100	300	7.266	-34.625	-12.734	PASS
11G	2412	30	10000	100	300	0.725	-44.322	-19.275	PASS
11G	2412	10000	26000	100	300	0.725	-33.635	-19.275	PASS
11G	2437	30	10000	100	300	2.453	-43.466	-17.547	PASS
11G	2437	10000	26000	100	300	2.453	-34.431	-17.547	PASS
11G	2462	30	10000	100	300	1.446	-44.514	-18.554	PASS
11G	2462	10000	26000	100	300	1.446	-33.718	-18.554	PASS
11N20SISO	2412	30	10000	100	300	0.828	-43.727	-19.172	PASS
11N20SISO	2412	10000	26000	100	300	0.828	-34.709	-19.172	PASS
11N20SISO	2437	30	10000	100	300	0.969	-44.545	-19.031	PASS
11N20SISO	2437	10000	26000	100	300	0.969	-33.716	-19.031	PASS
11N20SISO	2462	30	10000	100	300	1.464	-43.969	-18.536	PASS
11N20SISO	2462	10000	26000	100	300	1.464	-34.628	-18.536	PASS
11N40SISO	2422	30	10000	100	300	-1.138	-44.408	-21.138	PASS
11N40SISO	2422	10000	26000	100	300	-1.138	-34.163	-21.138	PASS
11N40SISO	2437	30	10000	100	300	-1.472	-43.280	-21.472	PASS
11N40SISO	2437	10000	26000	100	300	-1.472	-34.517	-21.472	PASS
11N40SISO	2452	30	10000	100	300	-0.804	-44.684	-20.804	PASS
11N40SISO	2452	10000	26000	100	300	-0.804	-34.595	-20.804	PASS



Pref

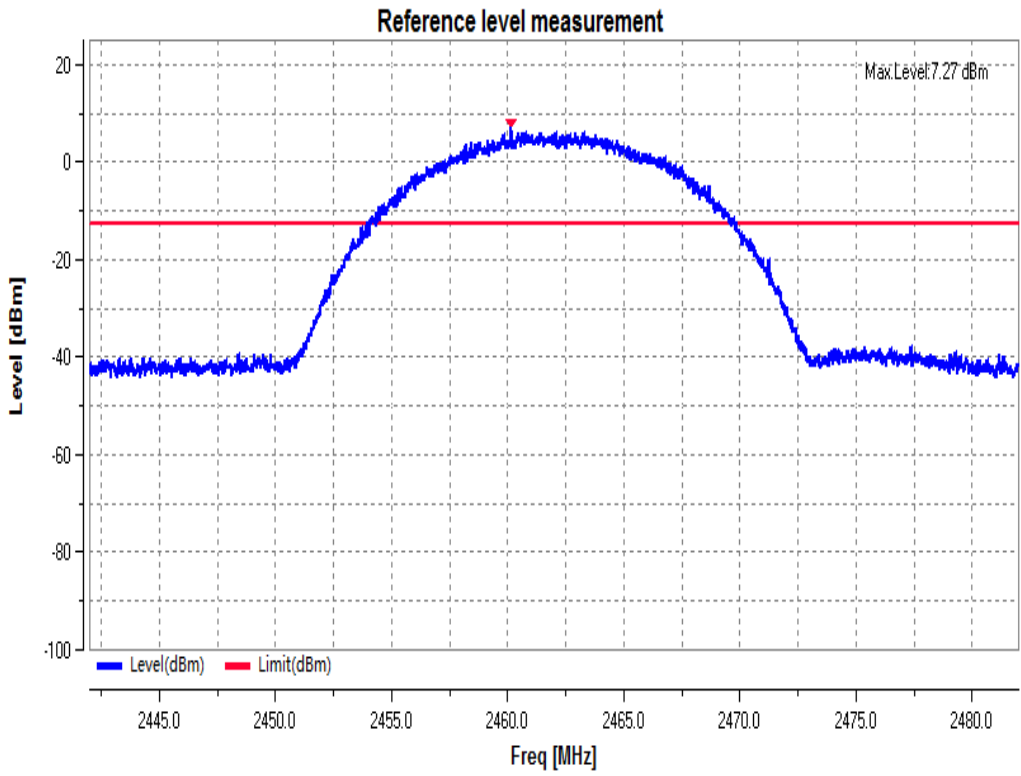


CSE_1

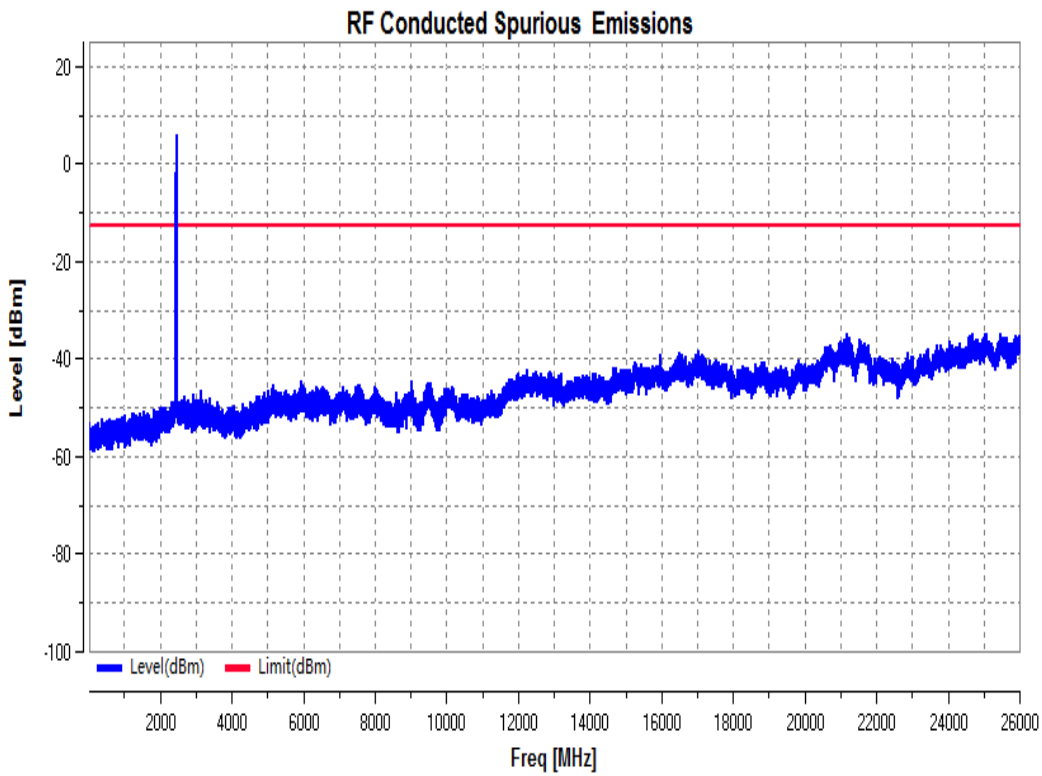


RF Conducted Spurious Emissions_11B_2462

Pref

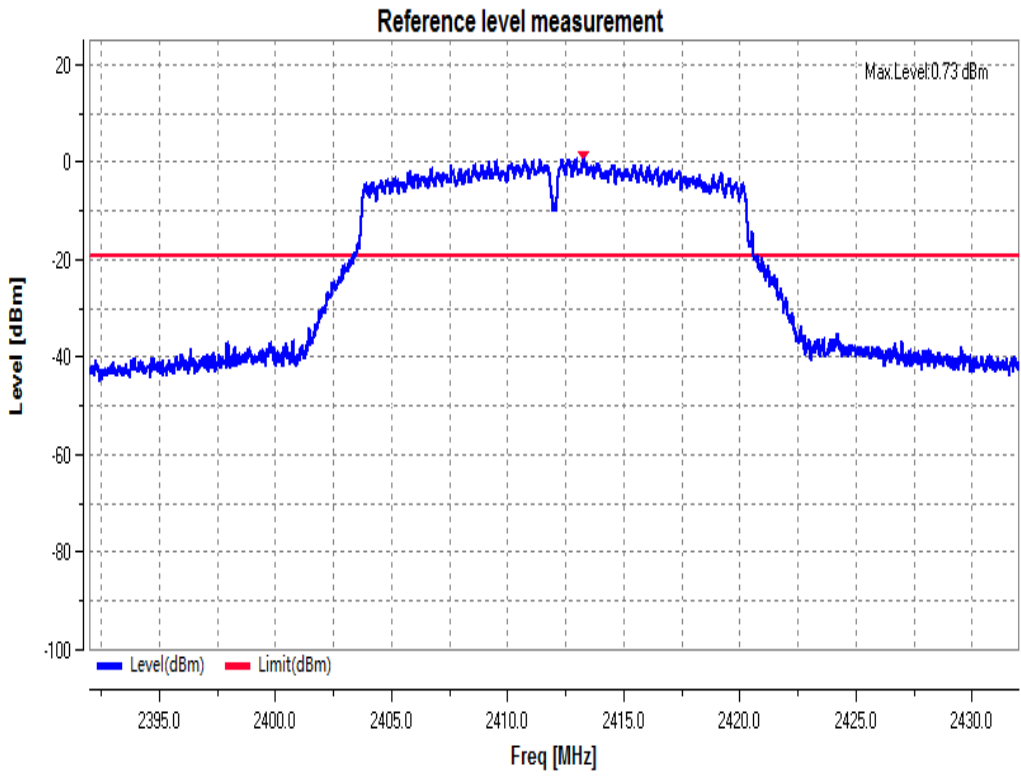


CSE_1

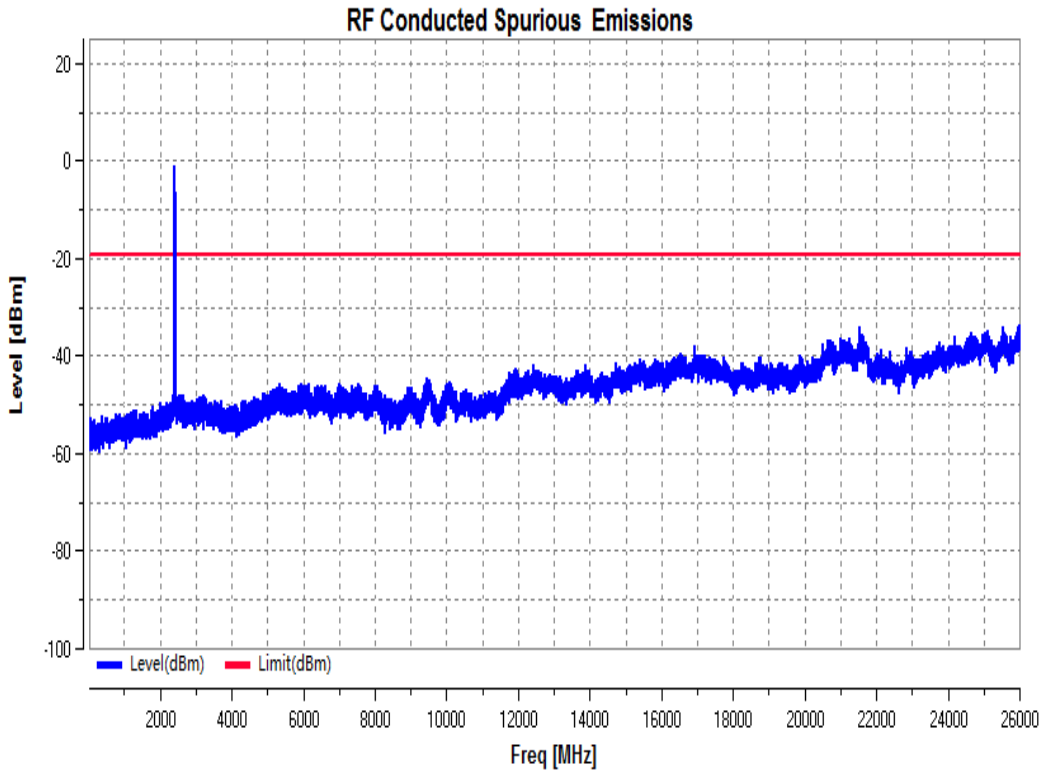


RF Conducted Spurious Emissions_11G_2412

Pref

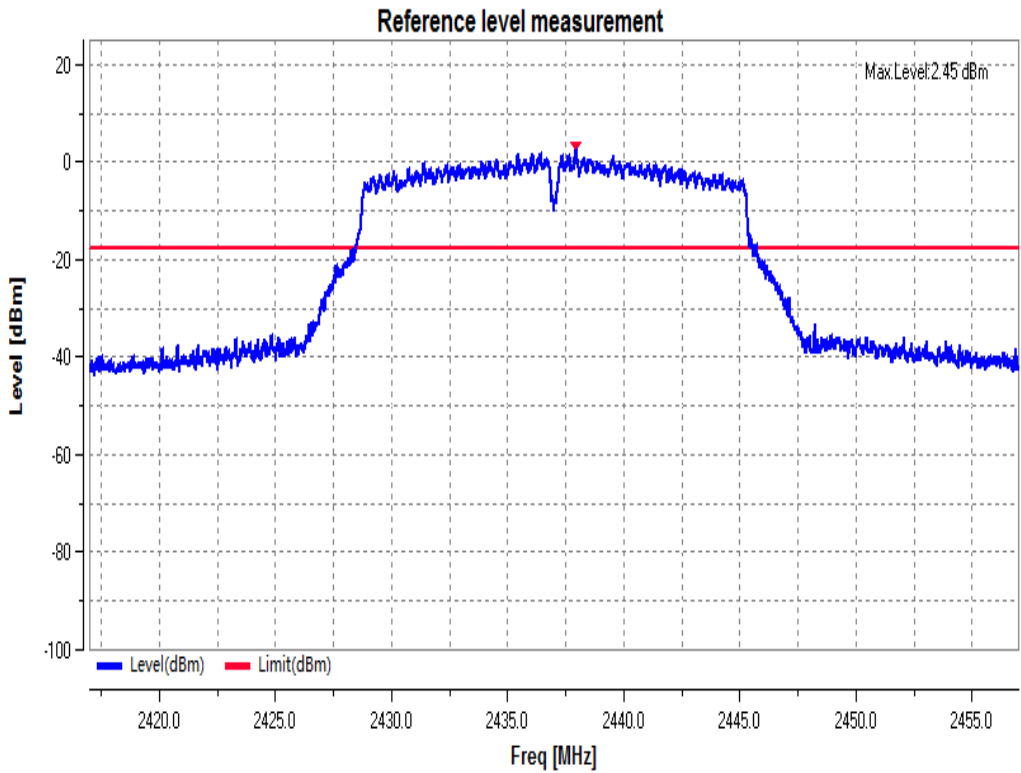


CSE_1

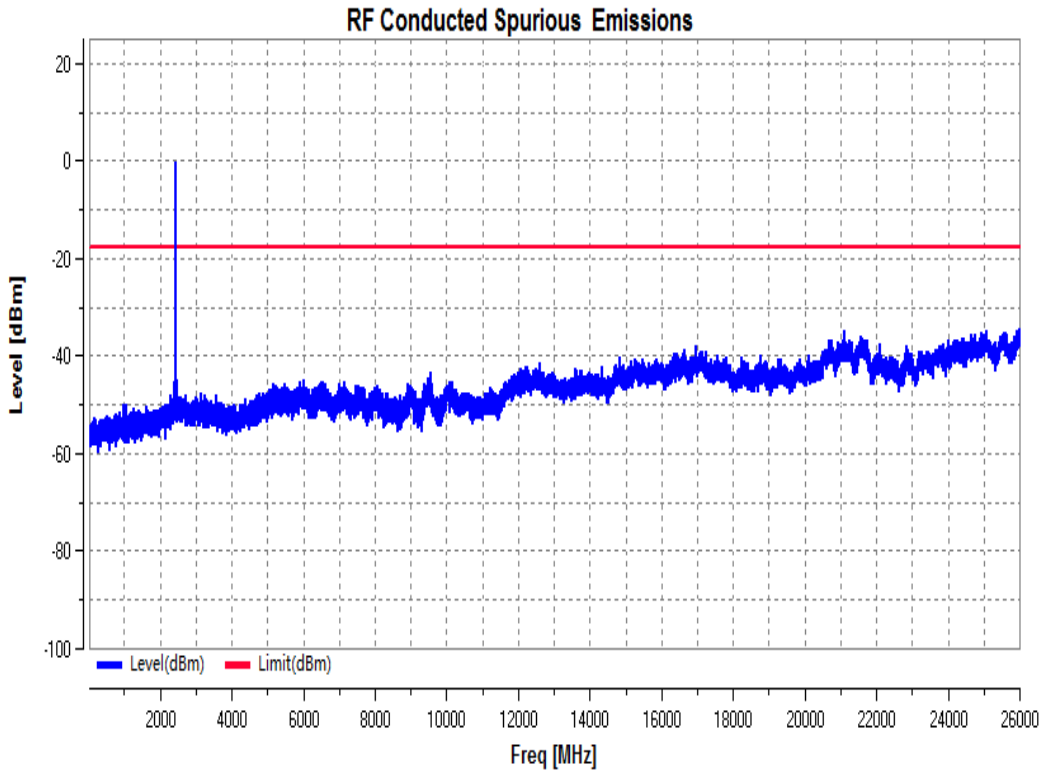


RF Conducted Spurious Emissions_11G_2437

Pref

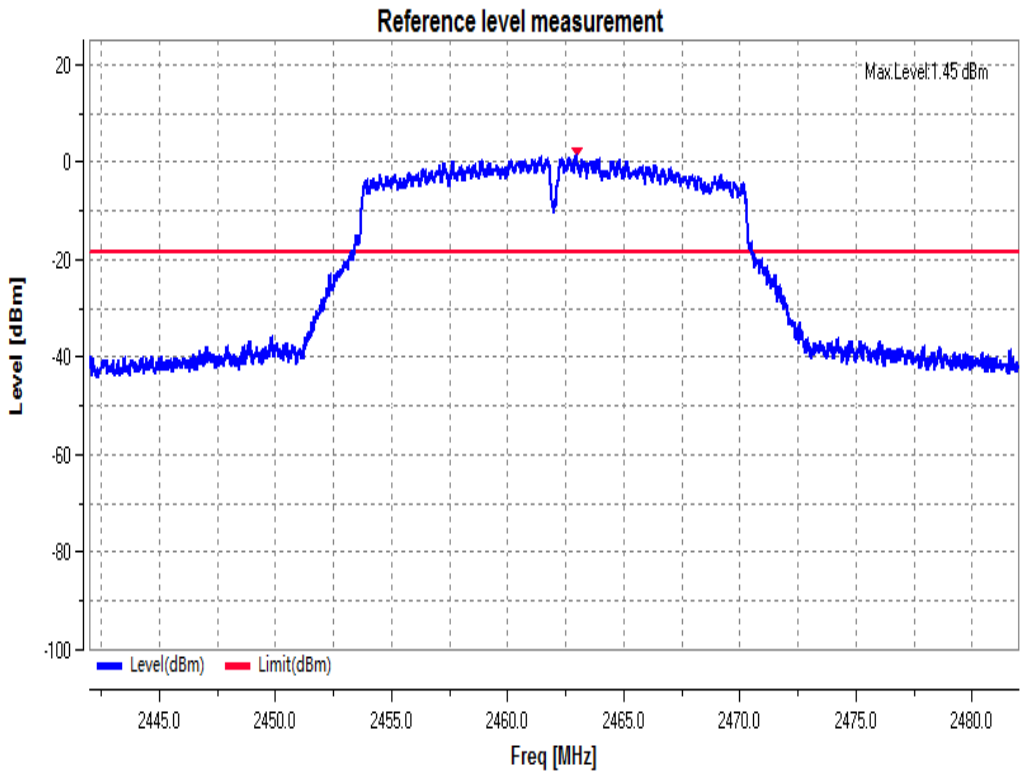


CSE_1

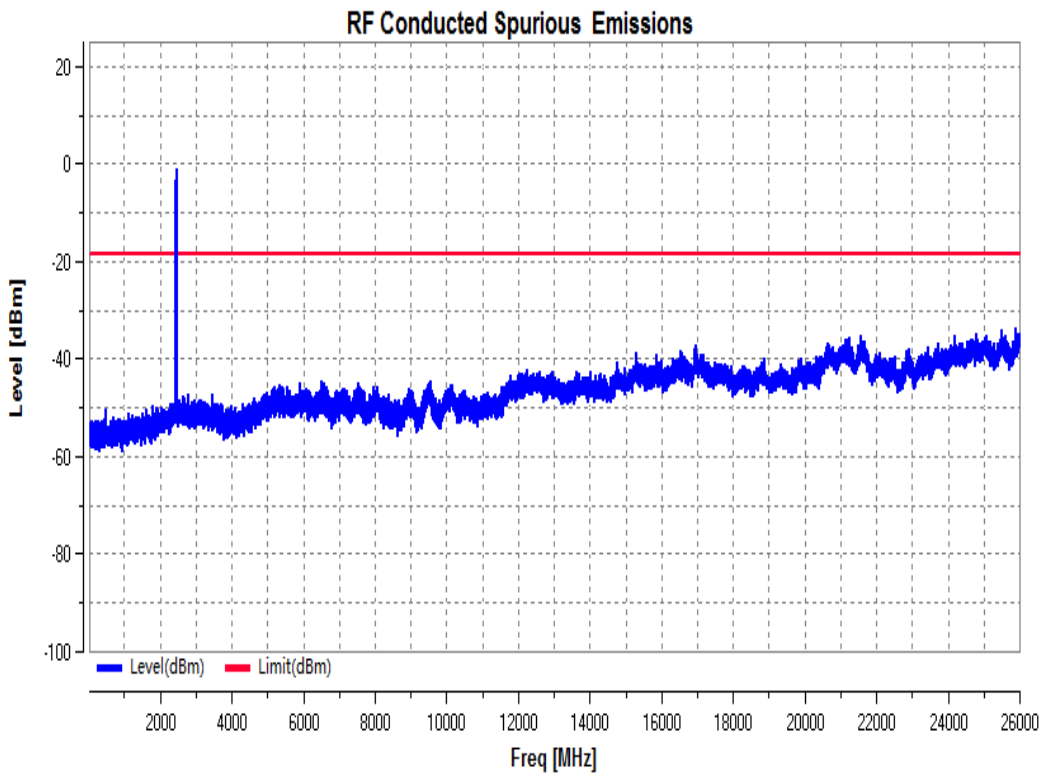


RF Conducted Spurious Emissions_11G_2462

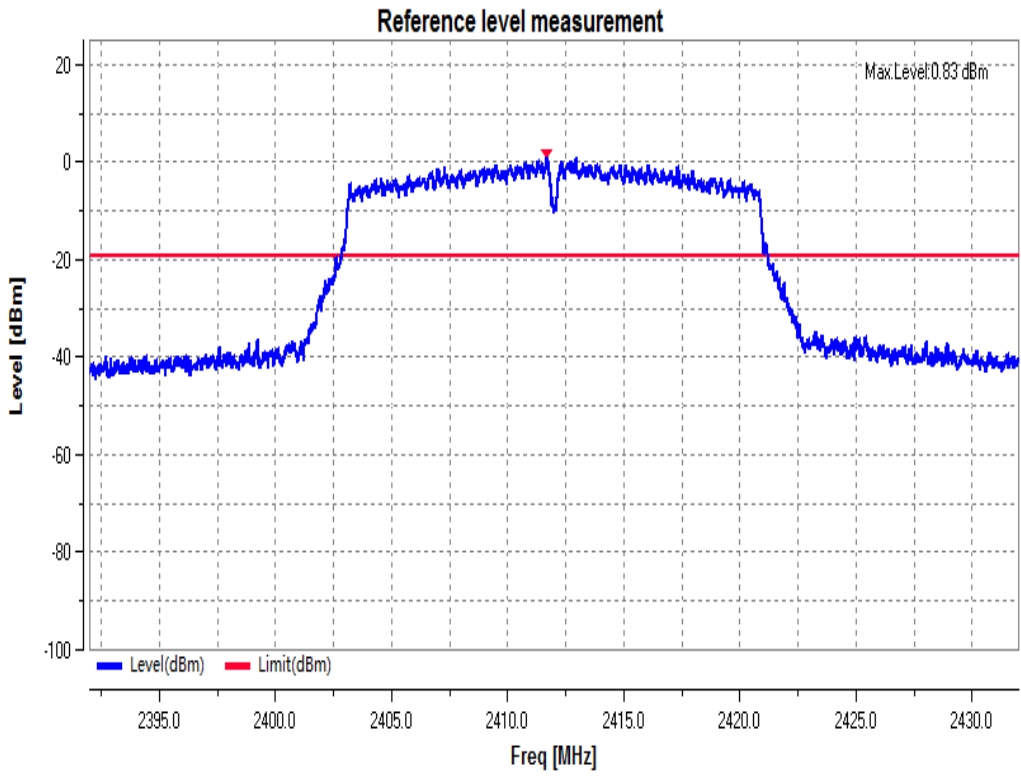
Pref



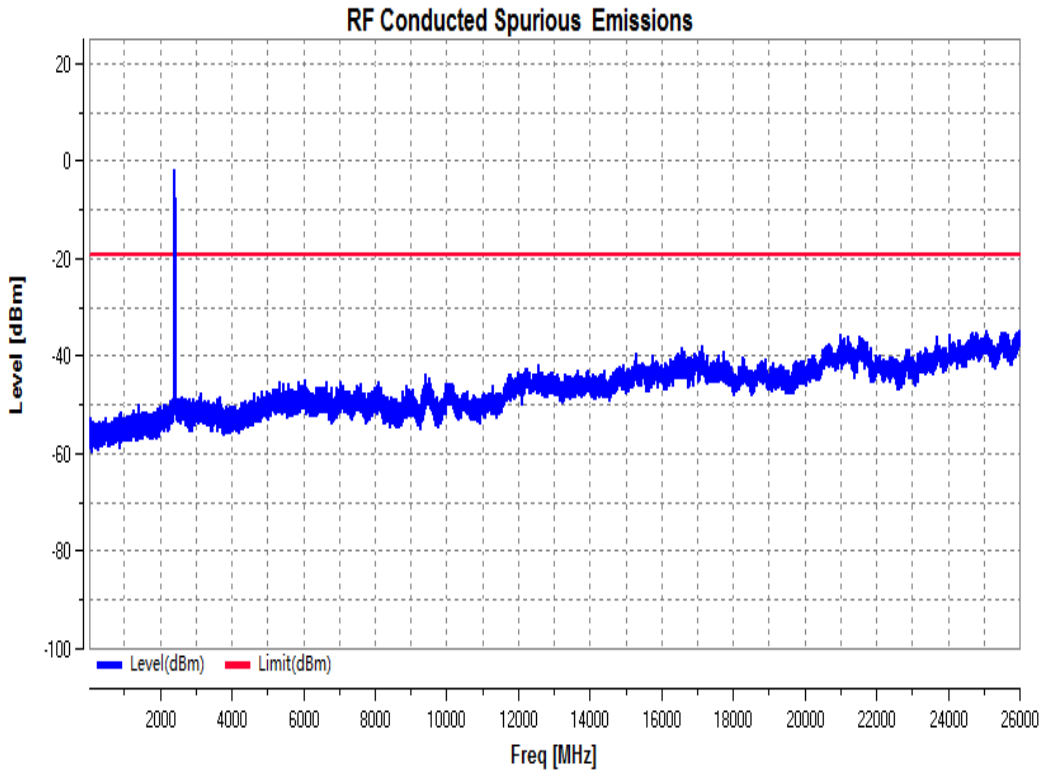
CSE_1



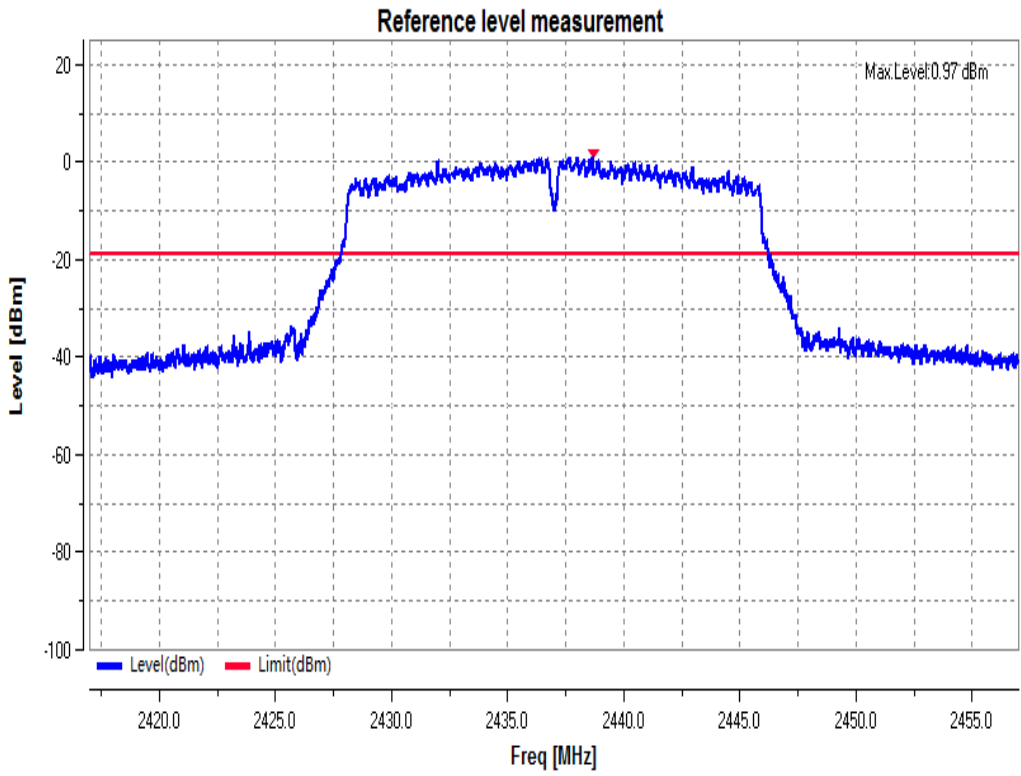
Pref



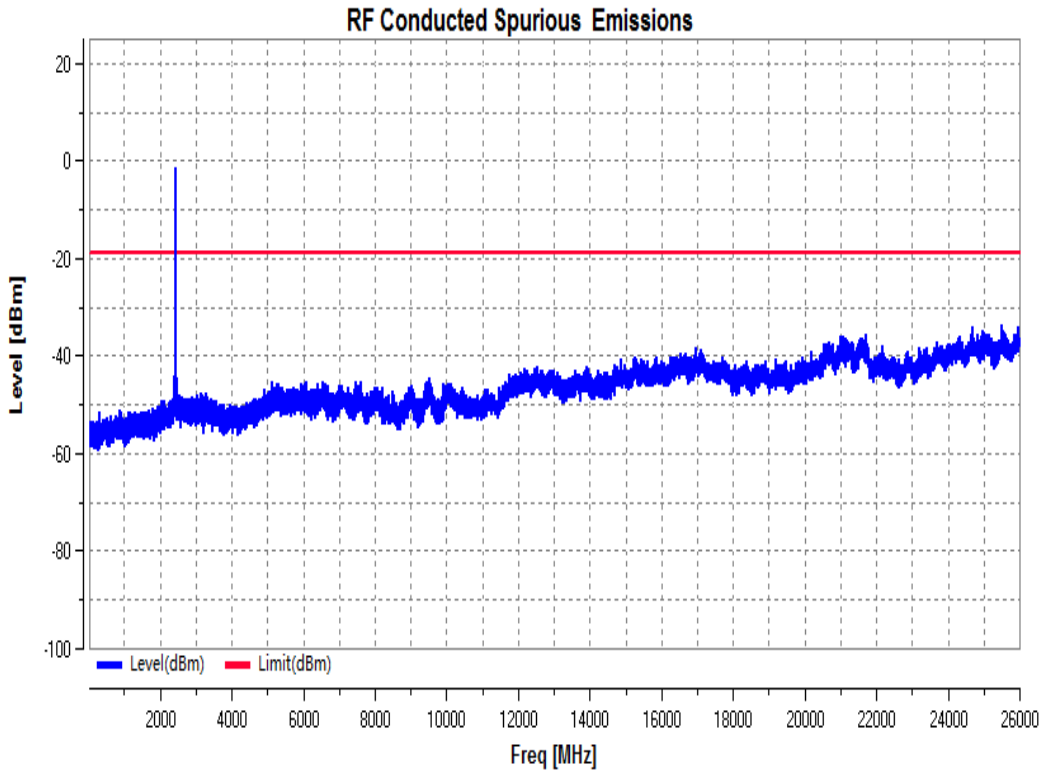
CSE_1



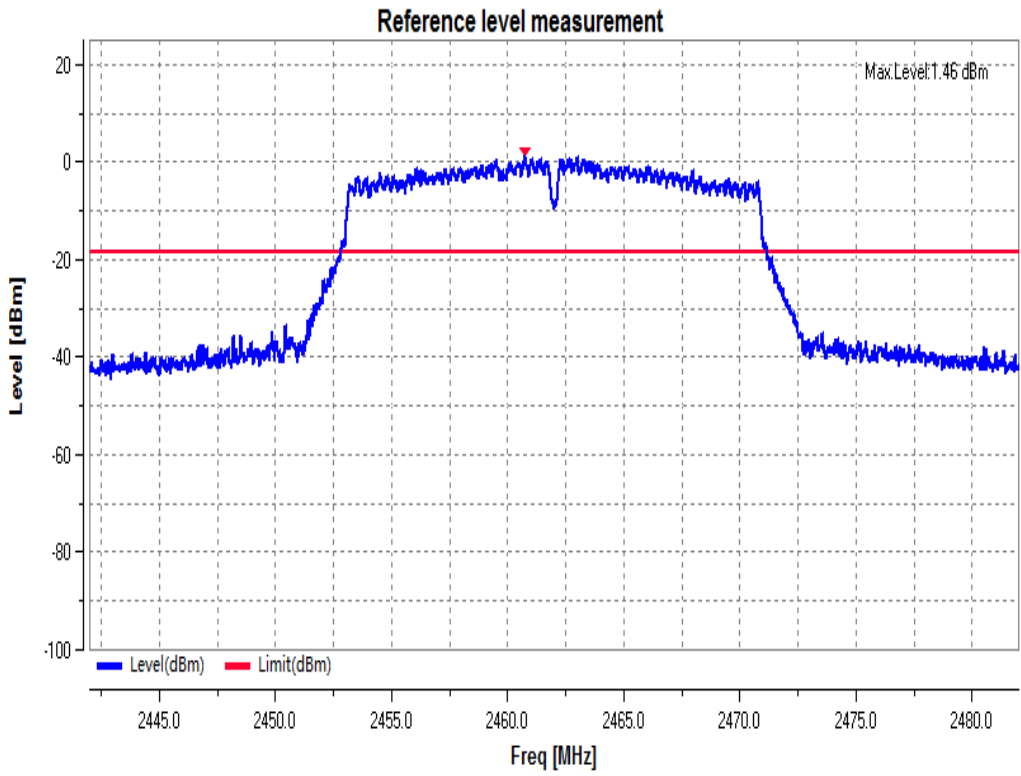
Pref



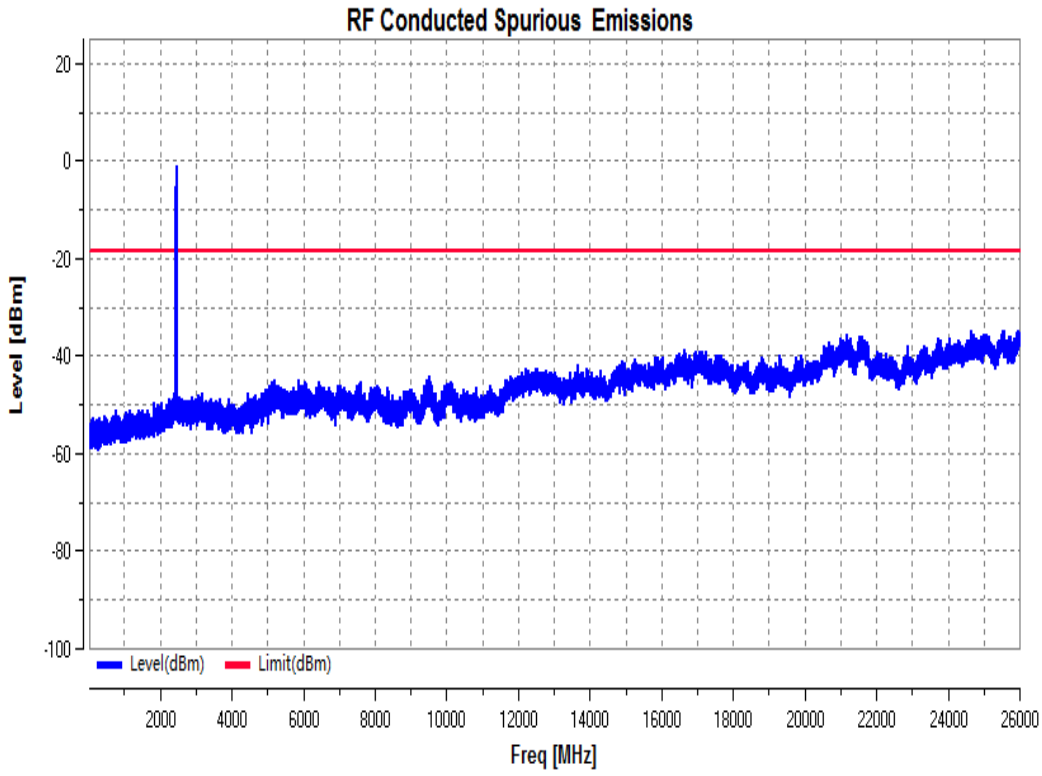
CSE_1



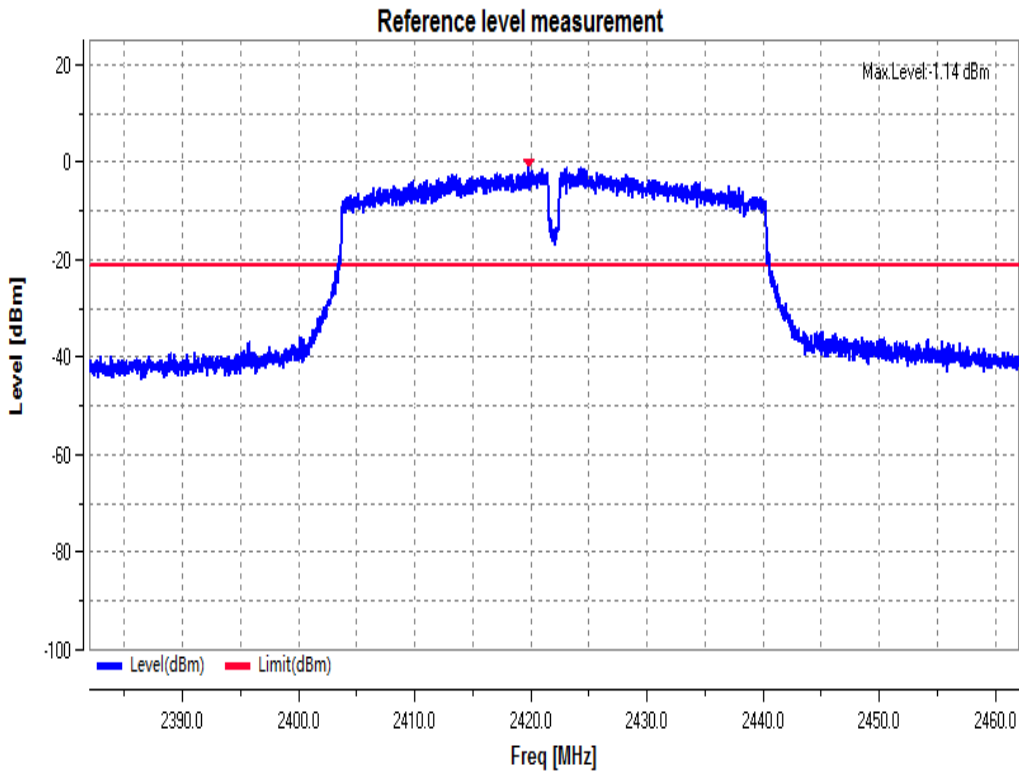
Pref



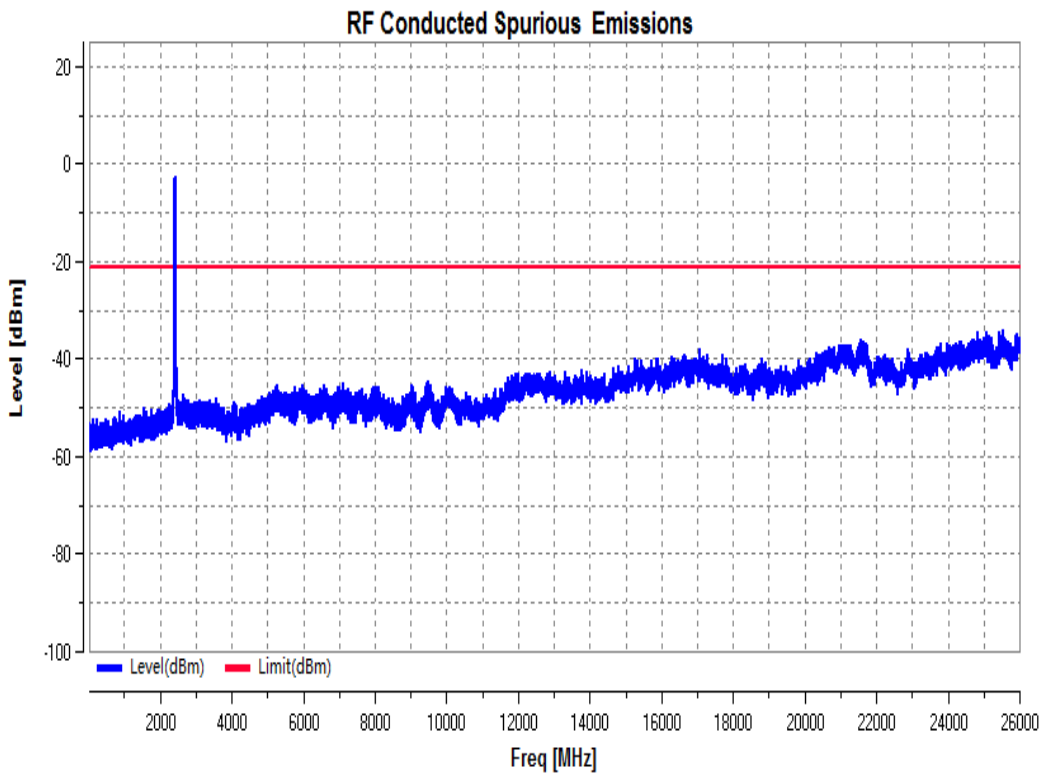
CSE_1



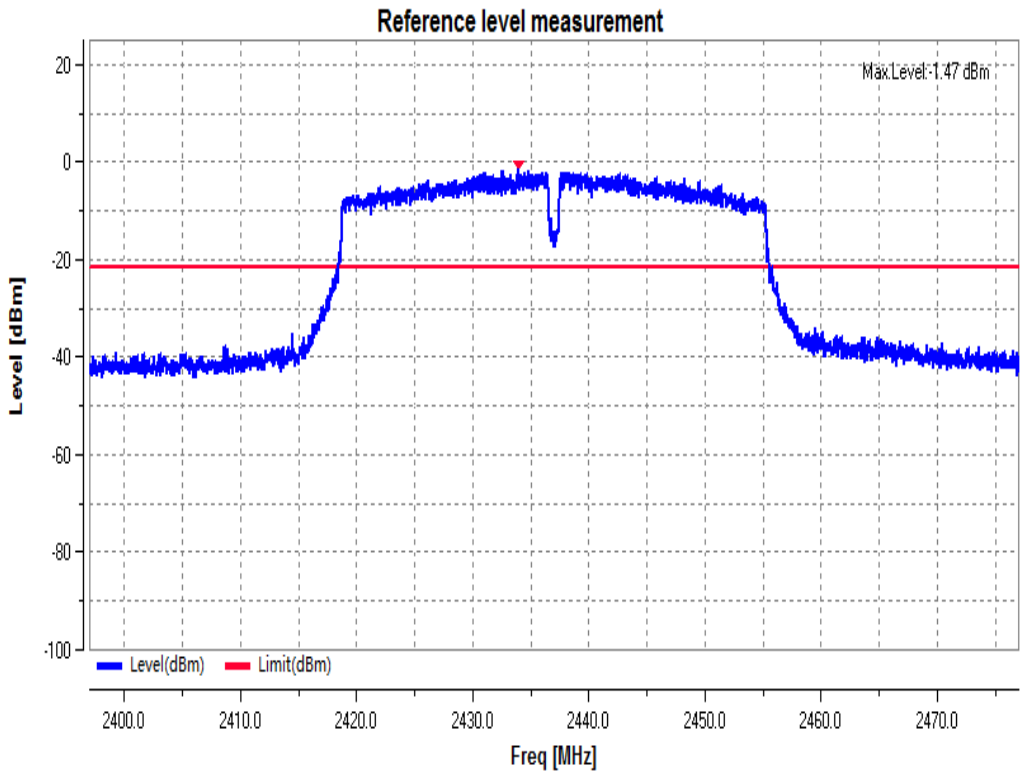
Pref



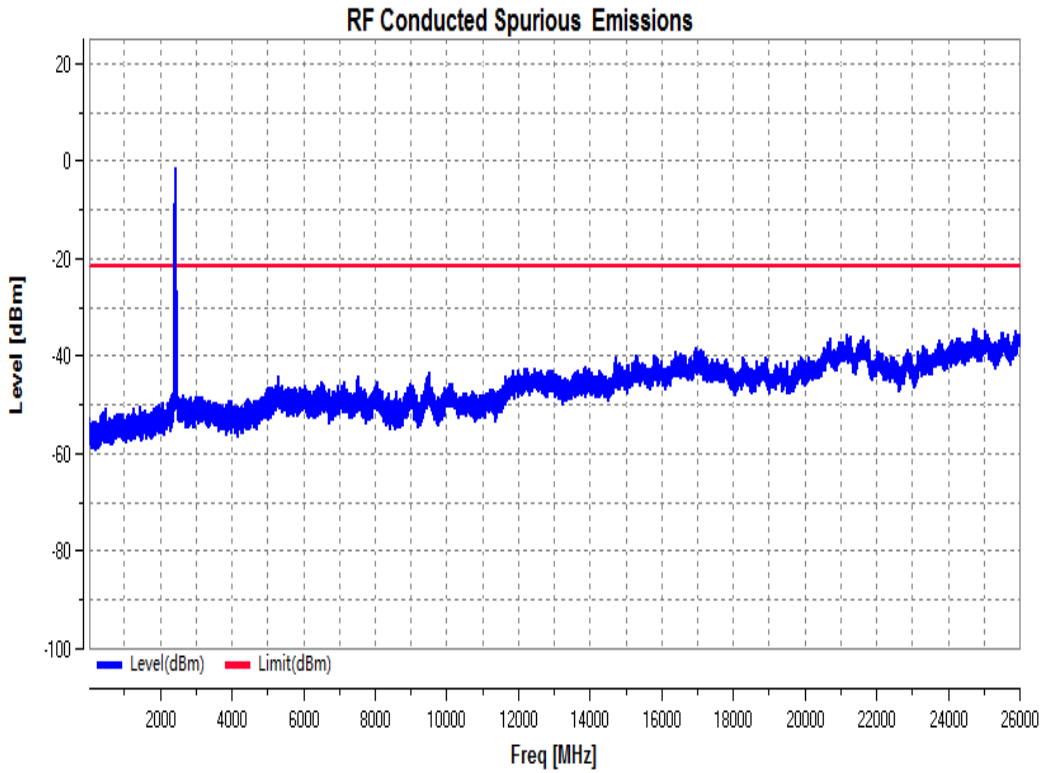
CSE_1



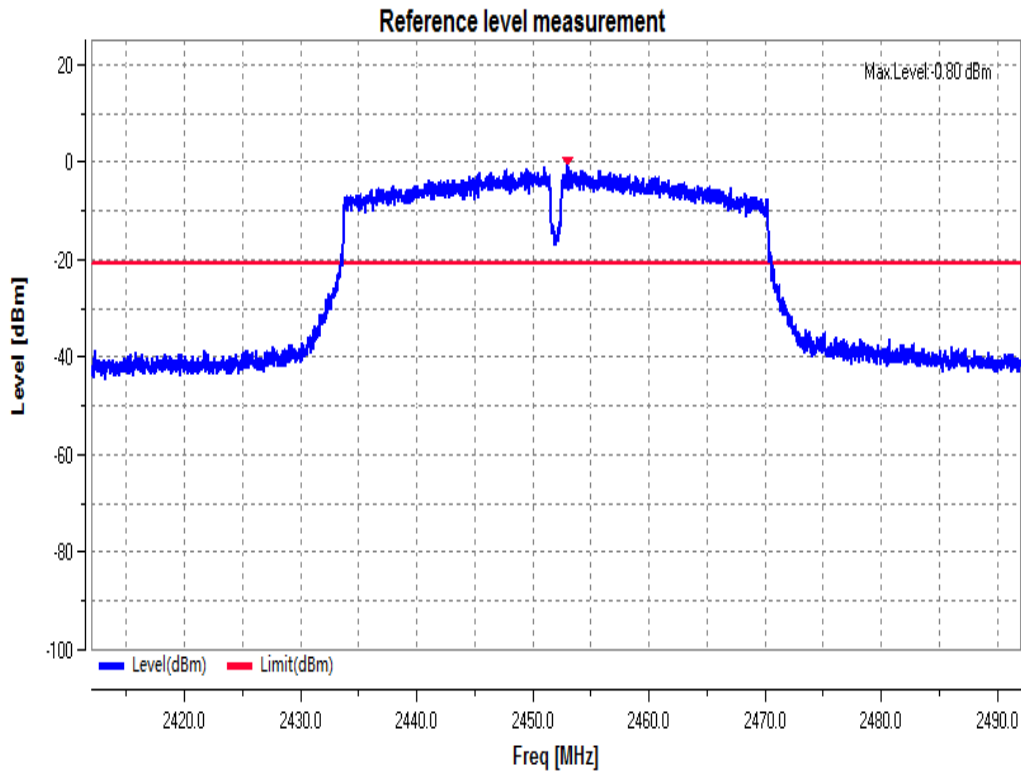
Pref



CSE_1



Pref



CSE_1

