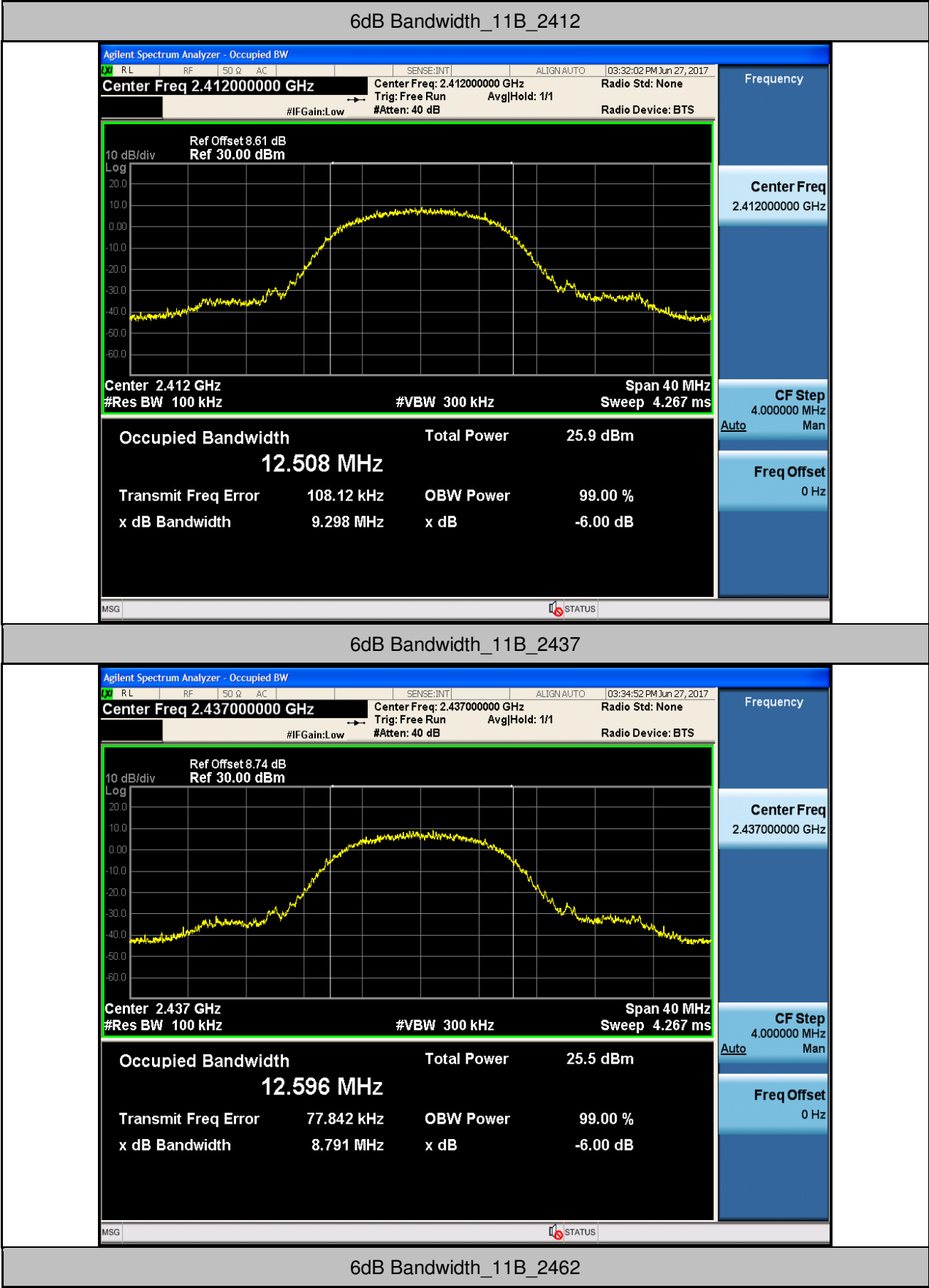
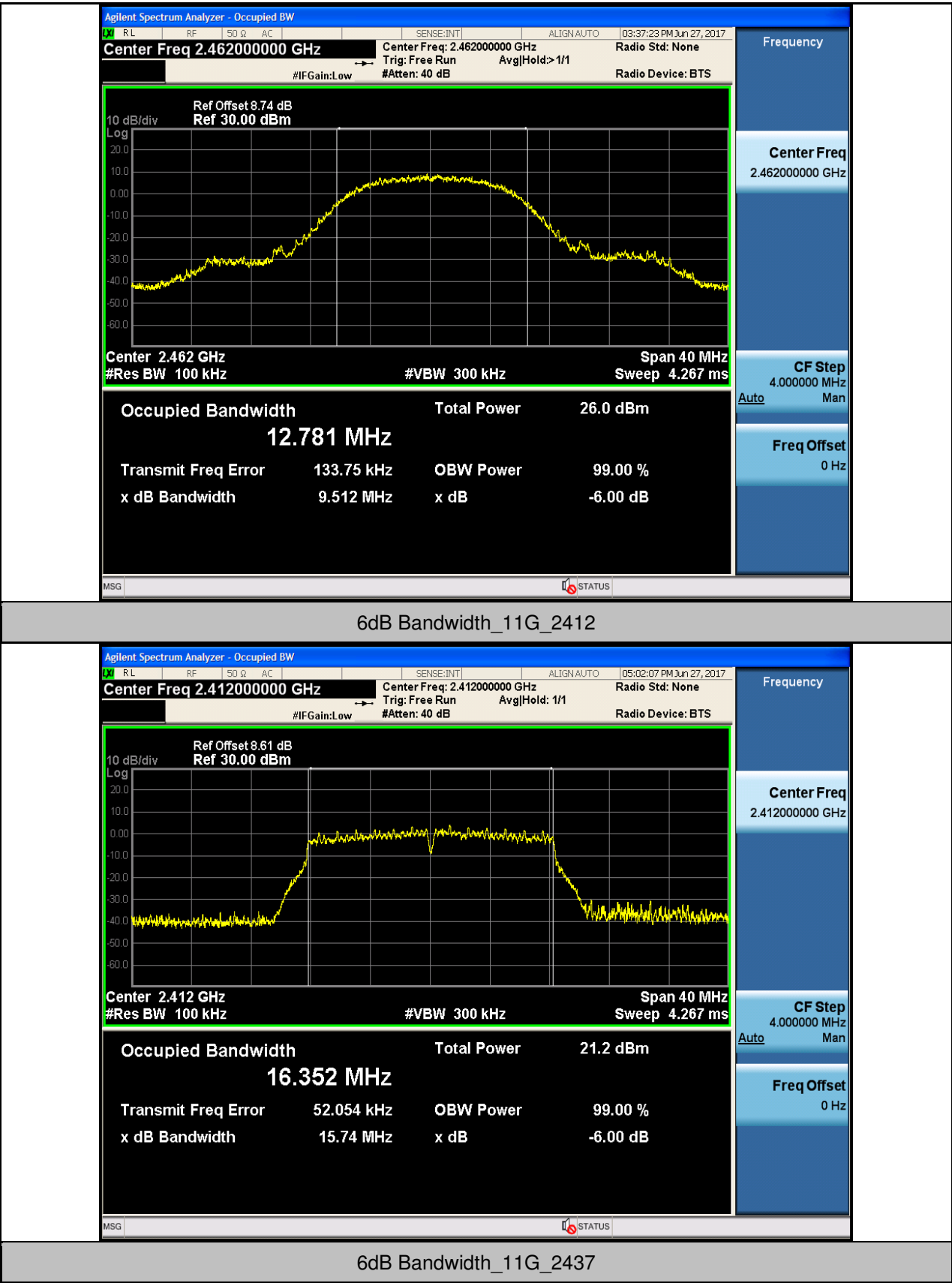
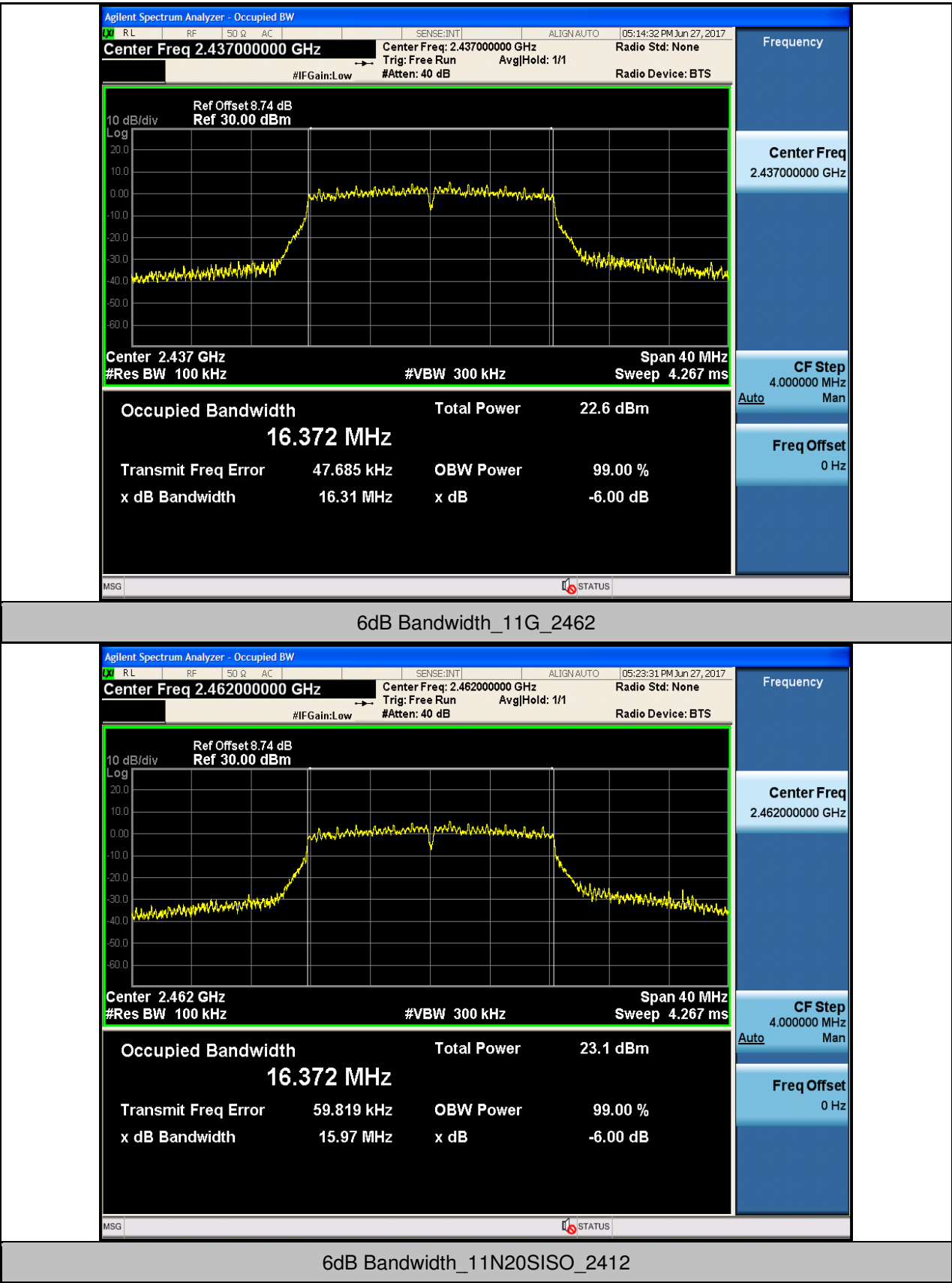


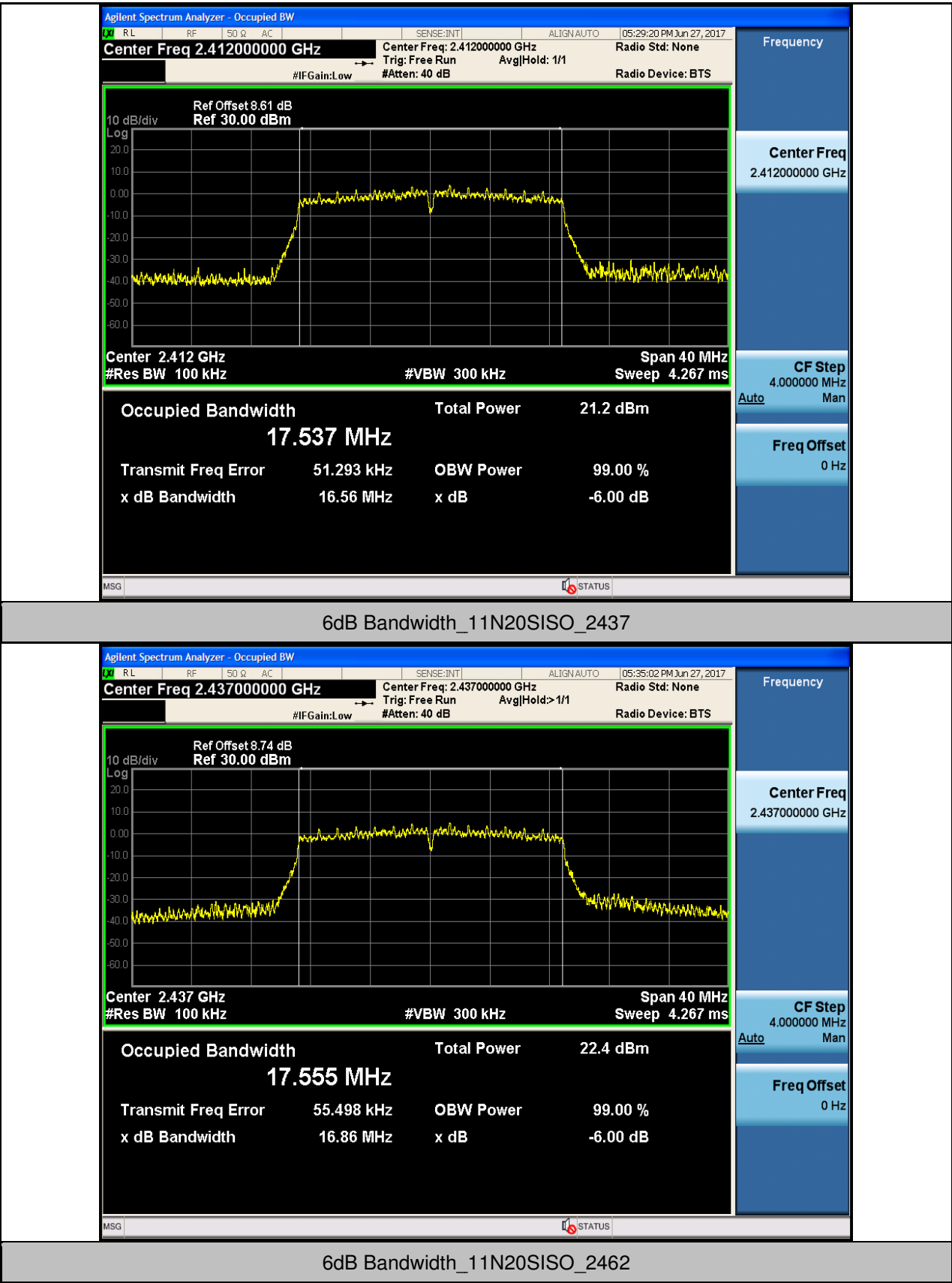
1.6dB Bandwidth

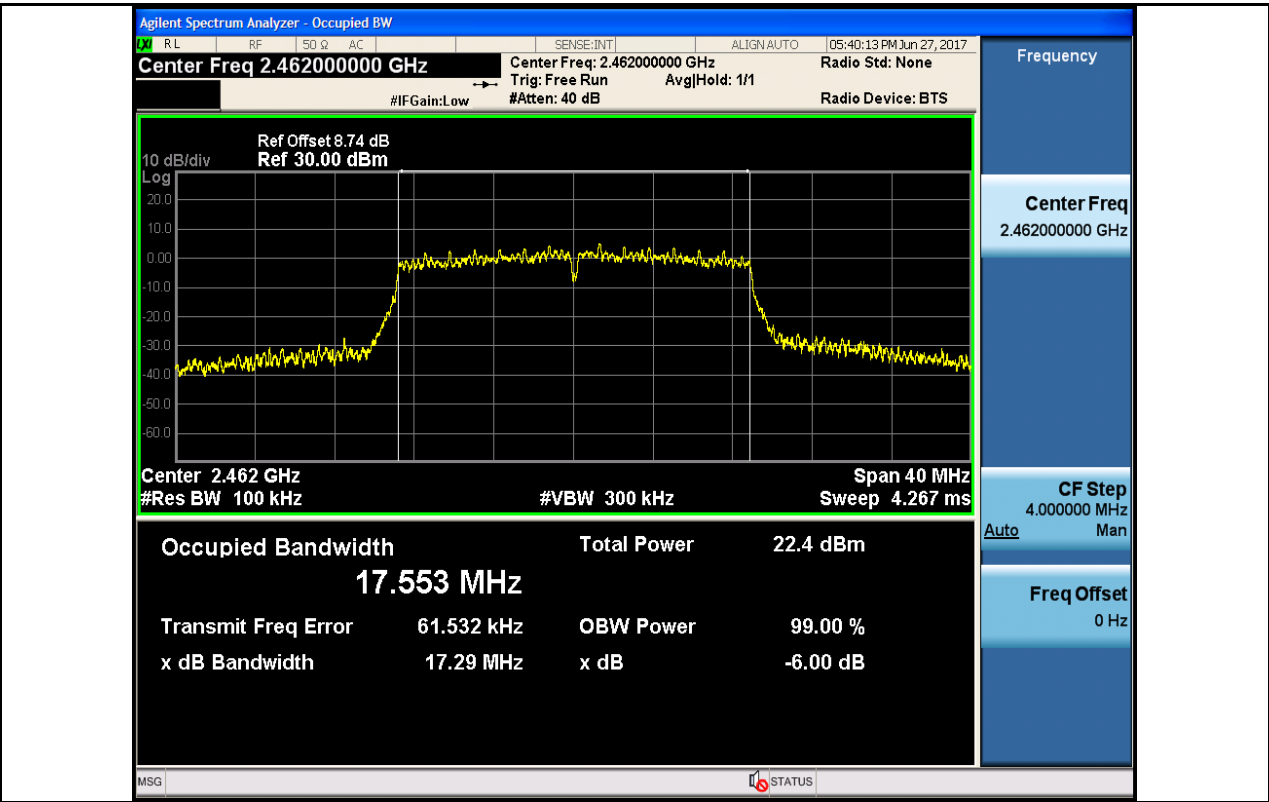
Test Mode	Test Channel	EBW[MHz]	Limit	Verdict
11B	2412	9.298	0.5	PASS
11B	2437	8.791	0.5	PASS
11B	2462	9.512	0.5	PASS
11G	2412	15.74	0.5	PASS
11G	2437	16.31	0.5	PASS
11G	2462	15.97	0.5	PASS
11N20SISO	2412	16.56	0.5	PASS
11N20SISO	2437	16.86	0.5	PASS
11N20SISO	2462	17.29	0.5	PASS
11N40SISO	2422	35.16	0.5	PASS
11N40SISO	2437	35.17	0.5	PASS
11N40SISO	2452	35.74	0.5	PASS



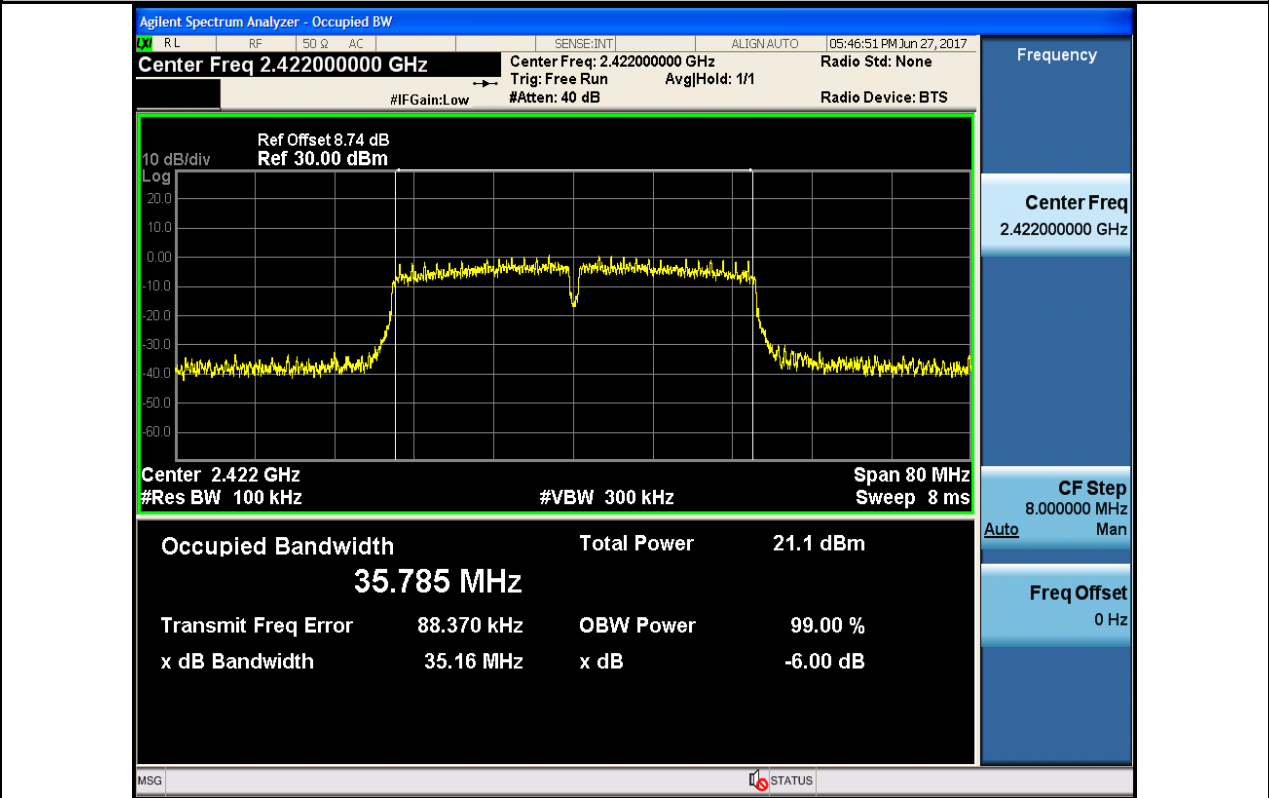




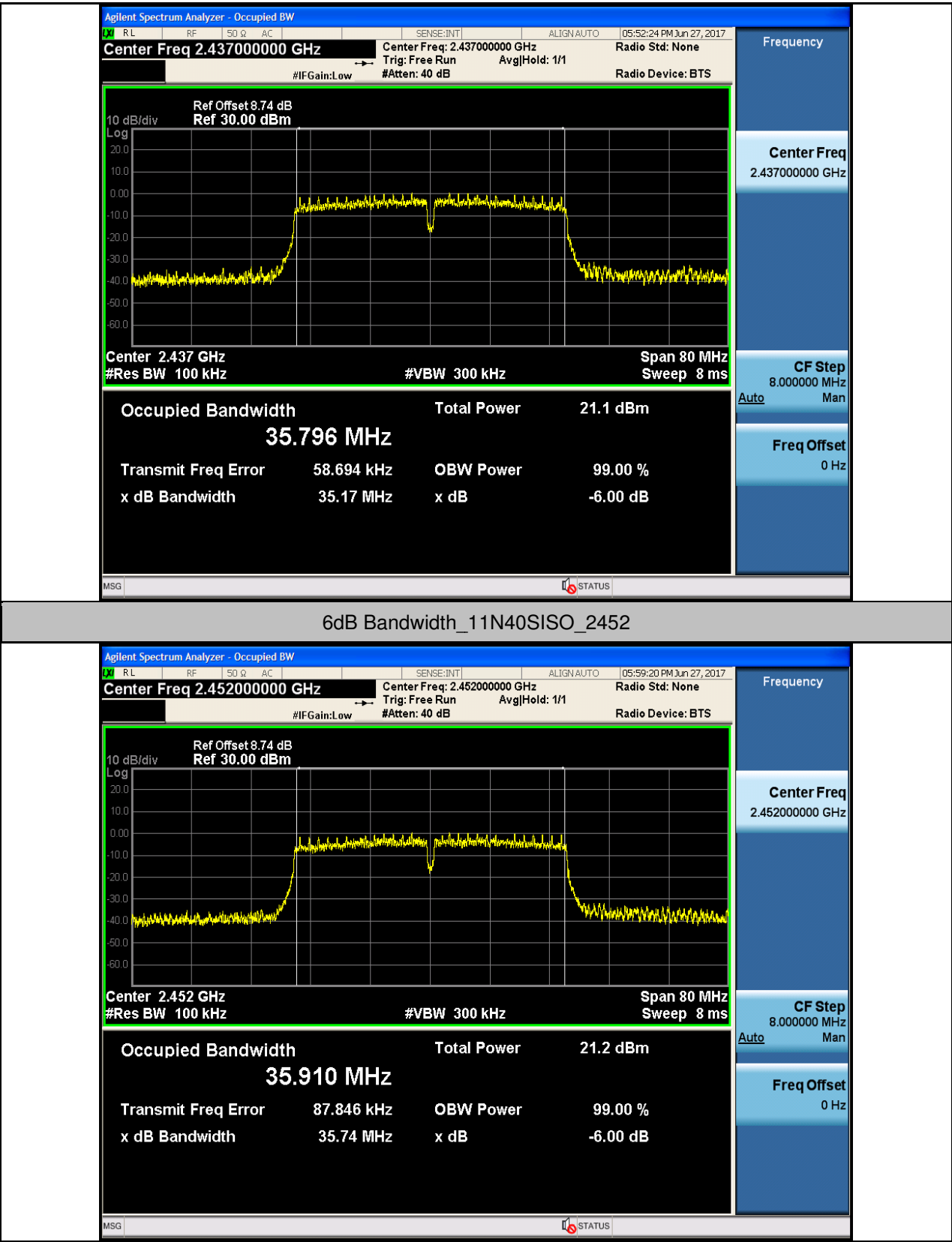




6dB Bandwidth_11N40SISO_2422

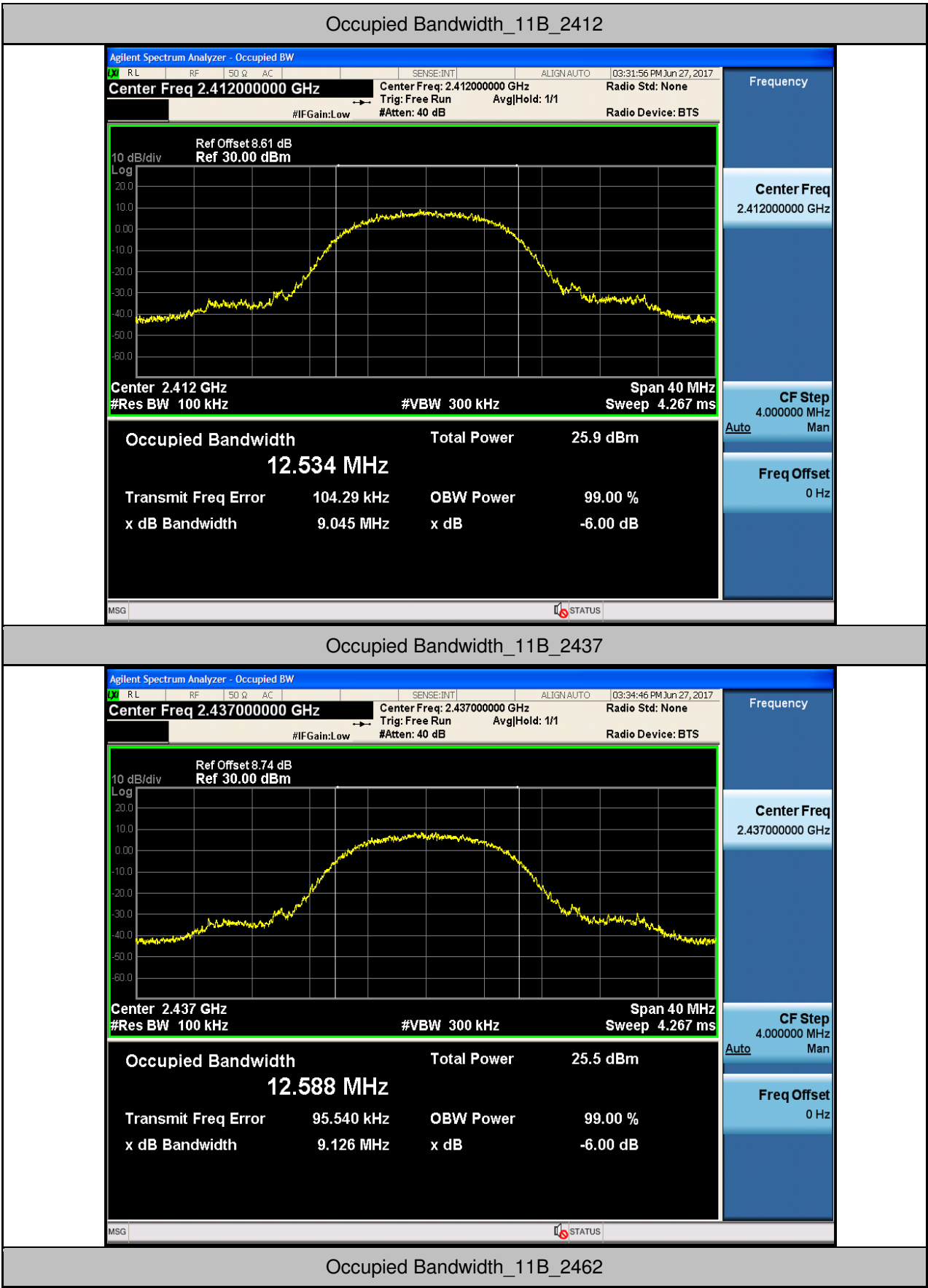


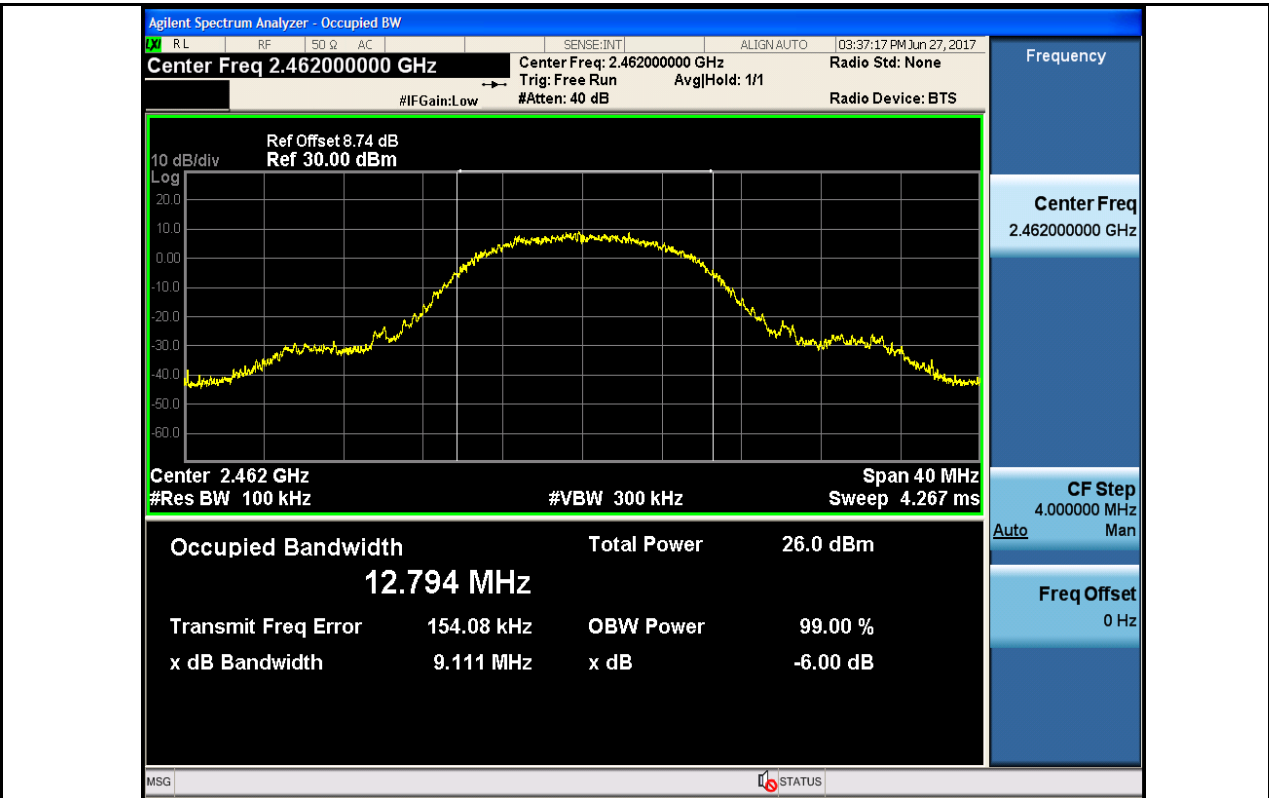
6dB Bandwidth_11N40SISO_2437



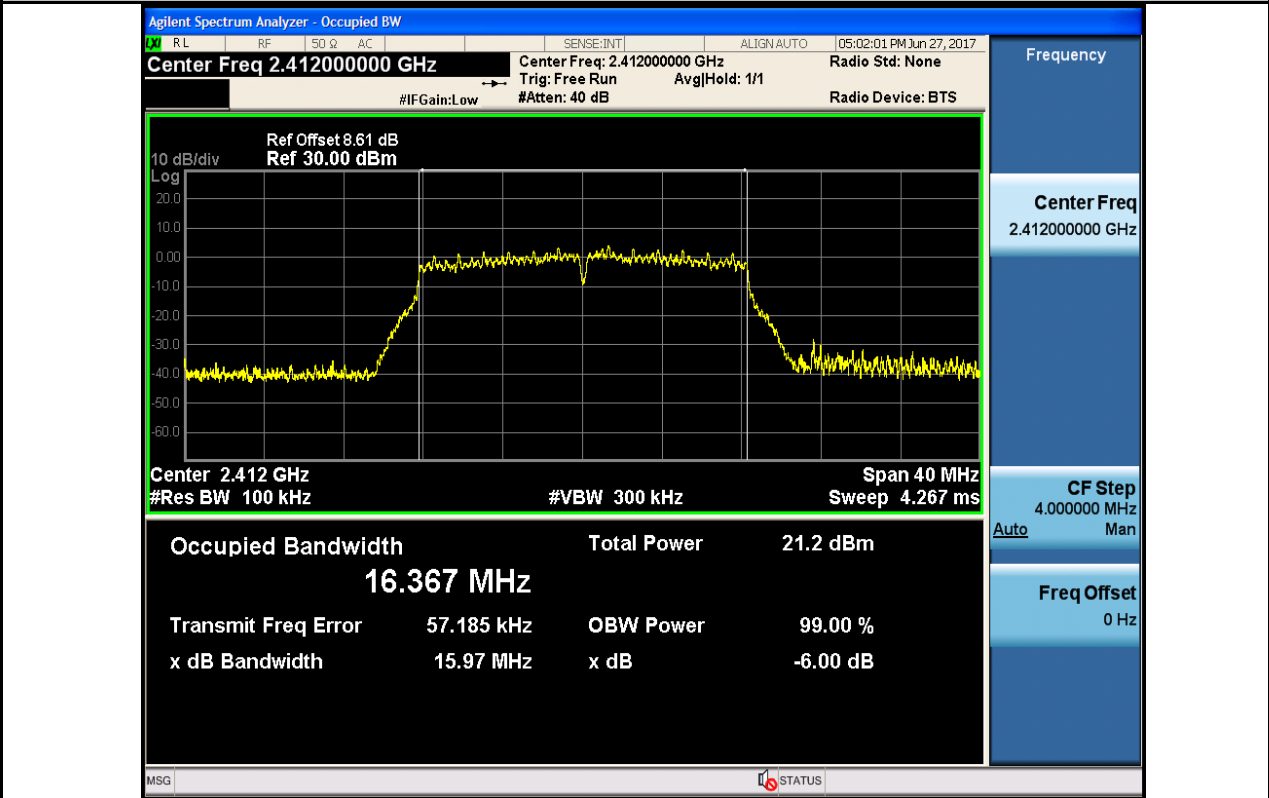
2.99%Occupied Bandwidth

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	12.534	---	PASS
11B	2437	12.588	---	PASS
11B	2462	12.794	---	PASS
11G	2412	16.367	---	PASS
11G	2437	16.375	---	PASS
11G	2462	16.375	---	PASS
11N20SISO	2412	17.536	---	PASS
11N20SISO	2437	17.550	---	PASS
11N20SISO	2462	17.558	---	PASS
11N40SISO	2422	35.819	---	PASS
11N40SISO	2437	35.835	---	PASS
11N40SISO	2452	35.853	---	PASS

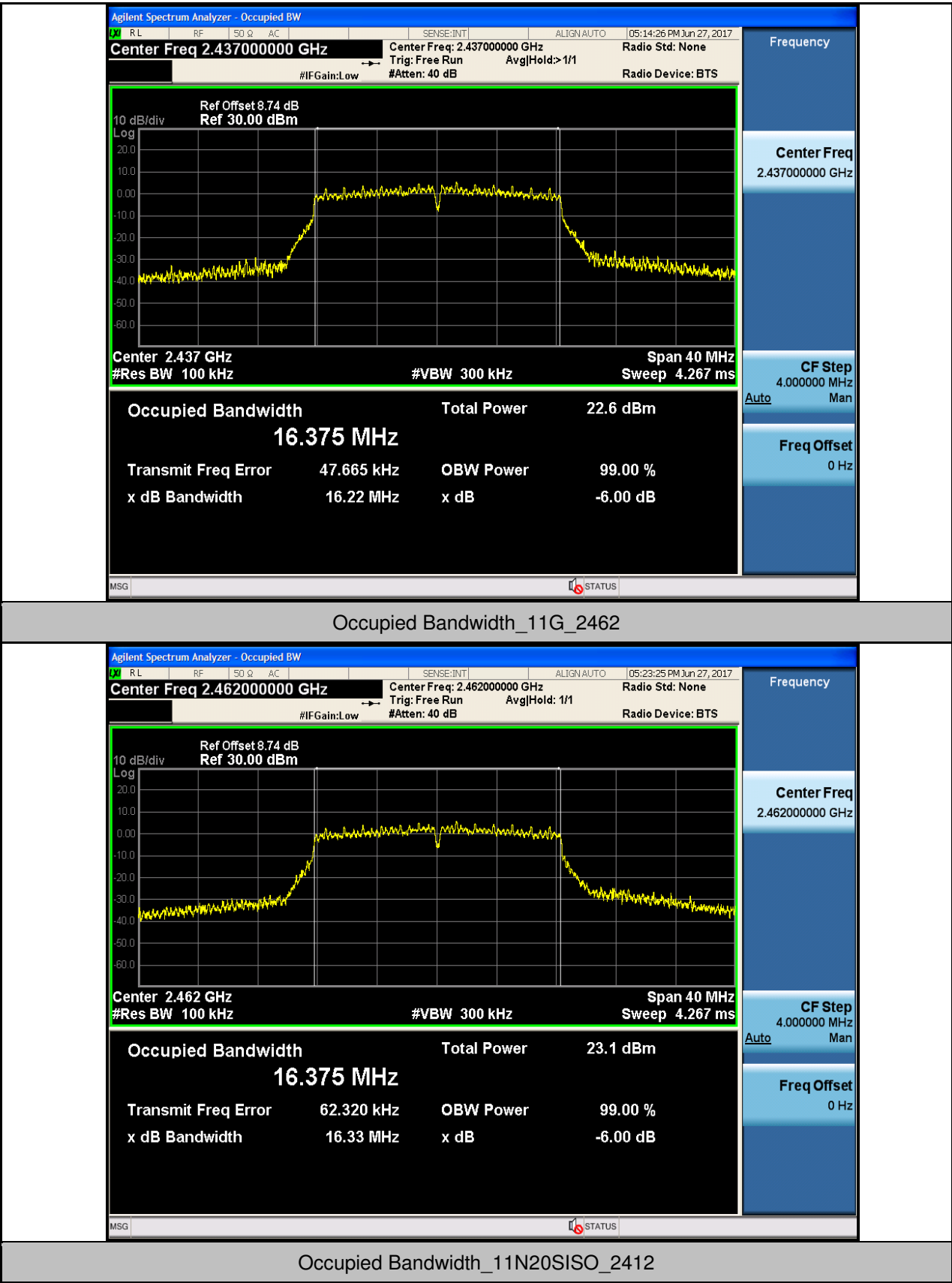


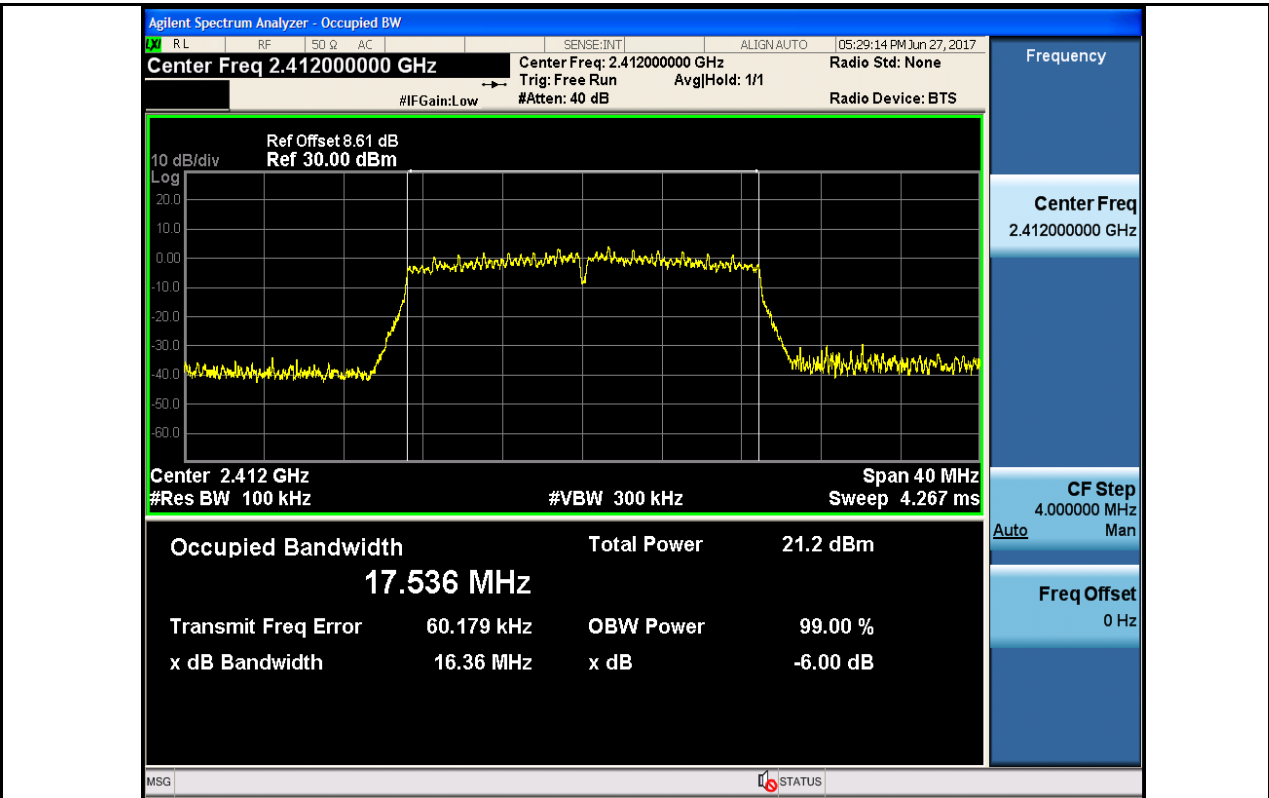


Occupied Bandwidth_11G_2412

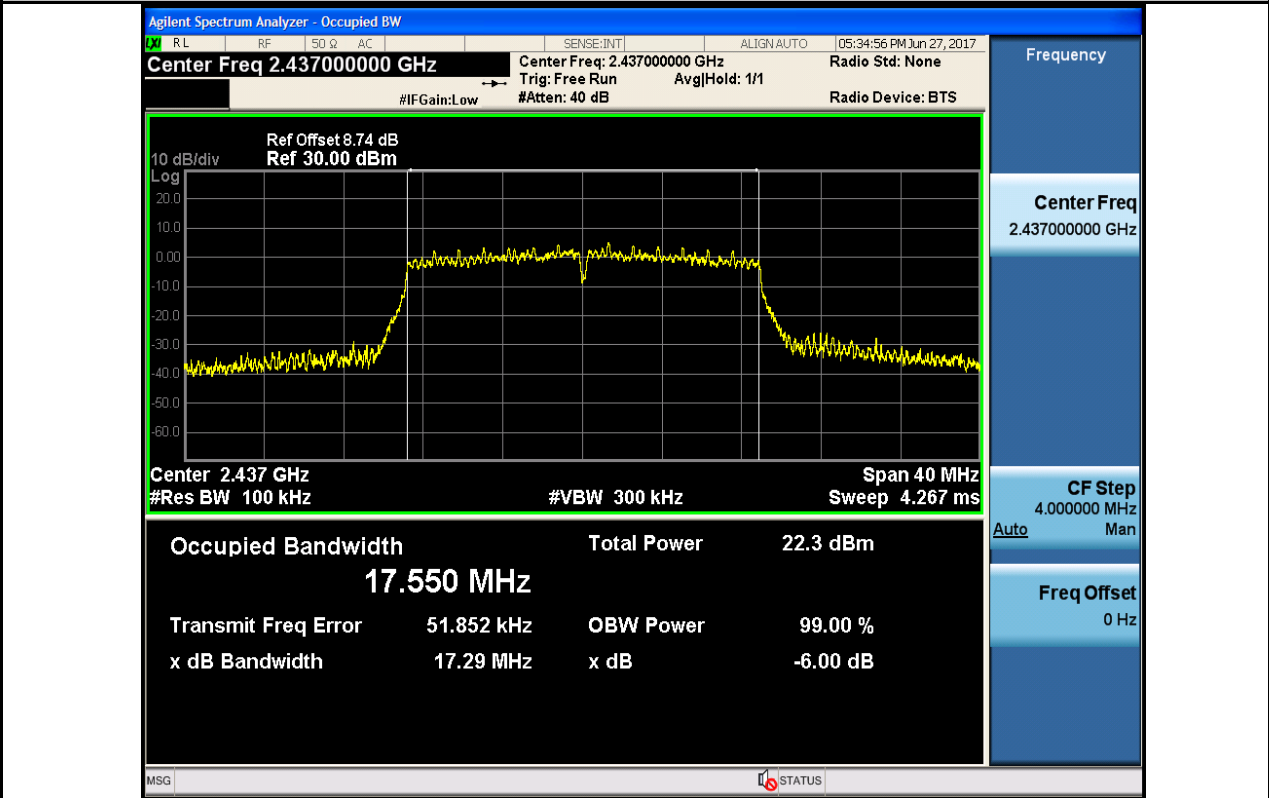


Occupied Bandwidth_11G_2437

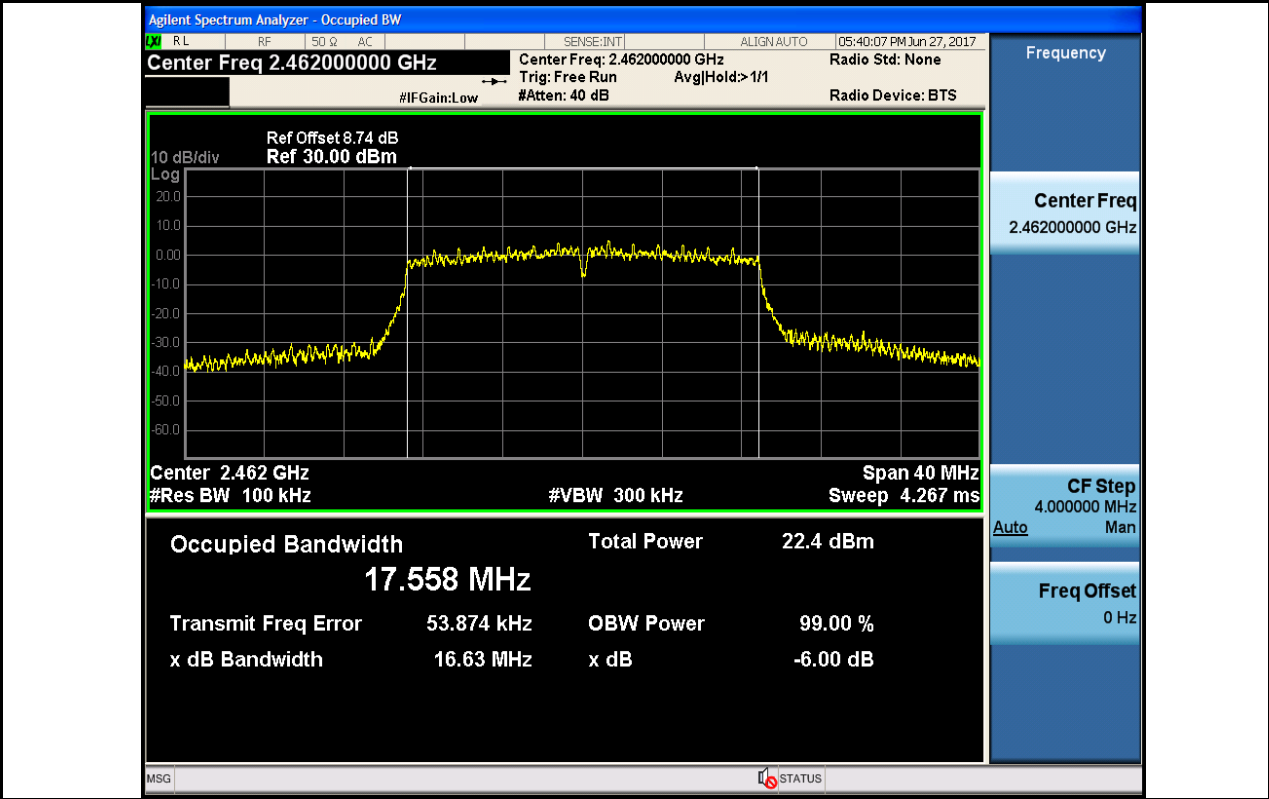




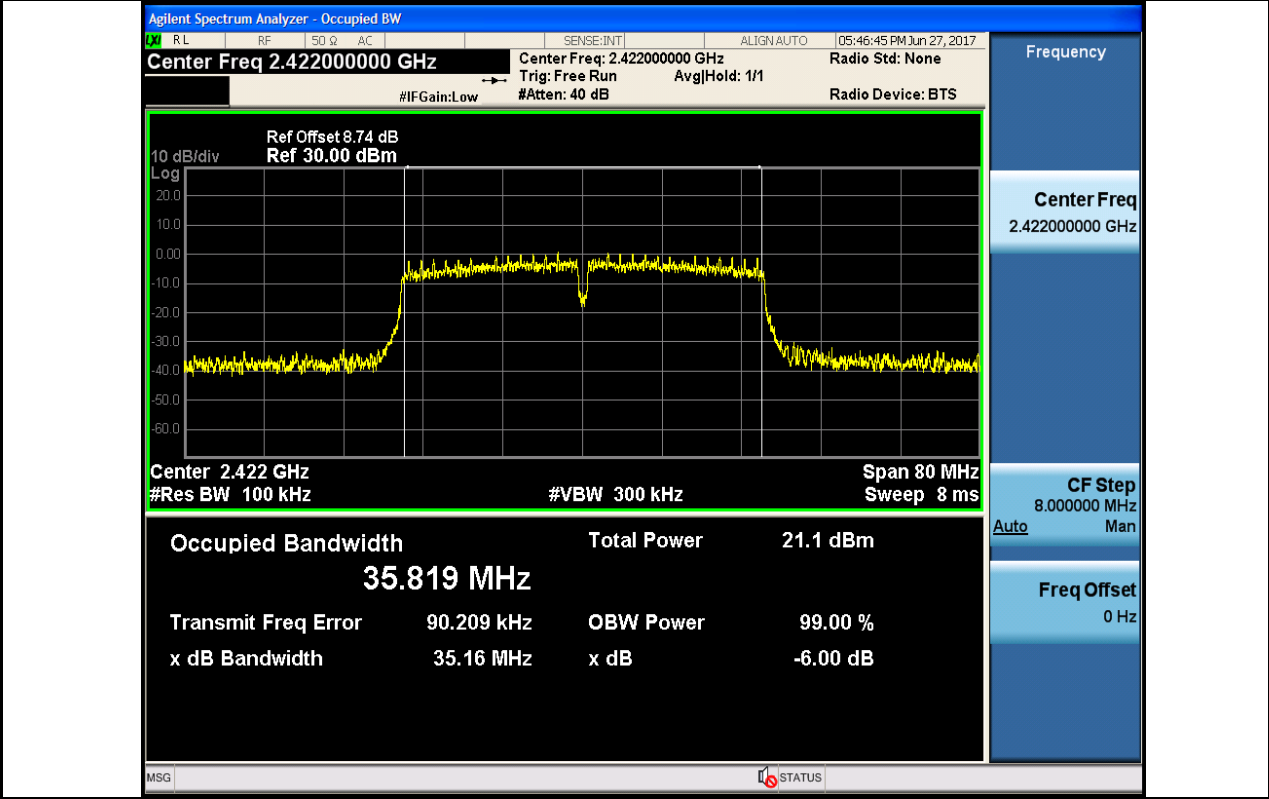
Occupied Bandwidth_11N20SISO_2437



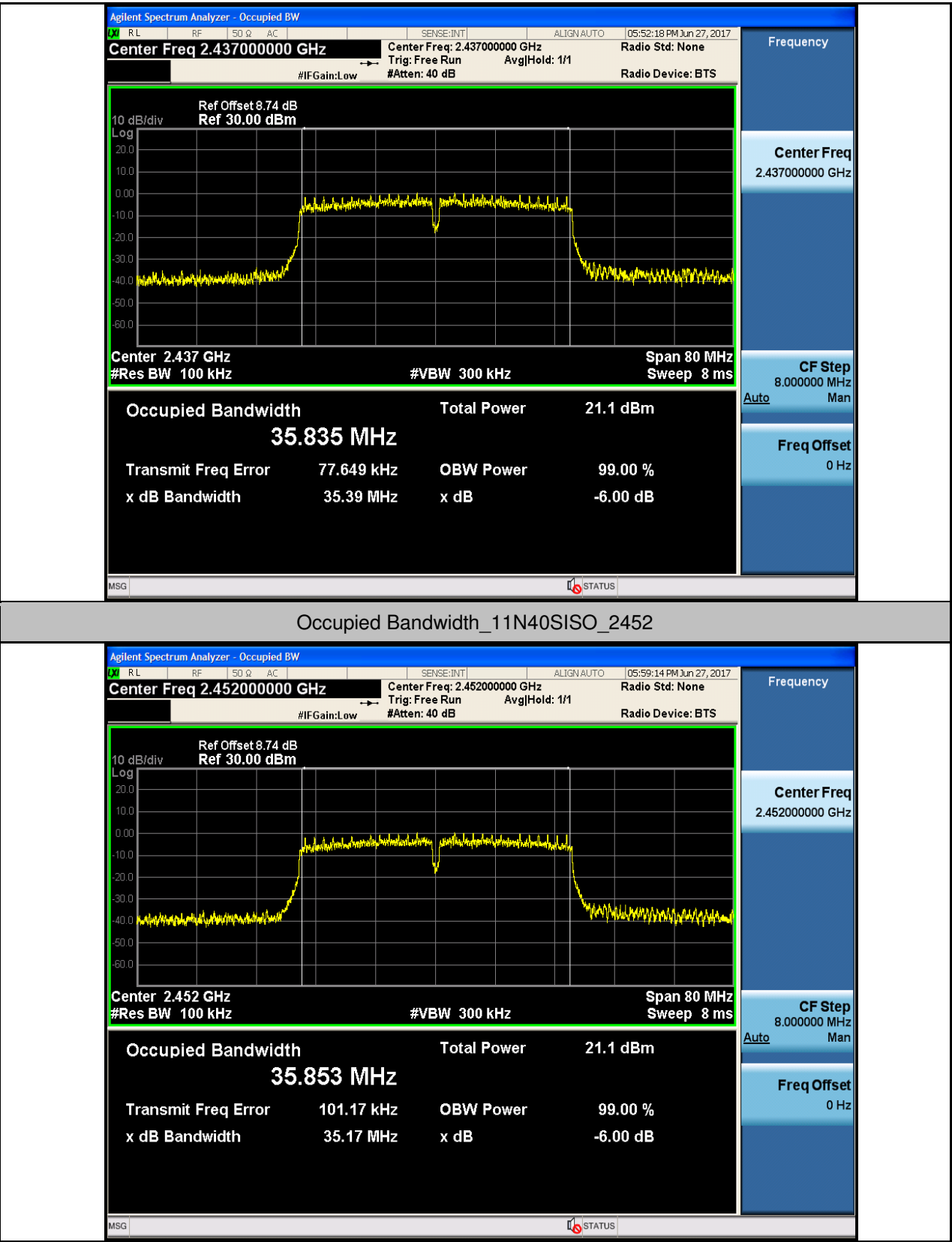
Occupied Bandwidth_11N20SISO_2462



Occupied Bandwidth_11N40SISO_2422

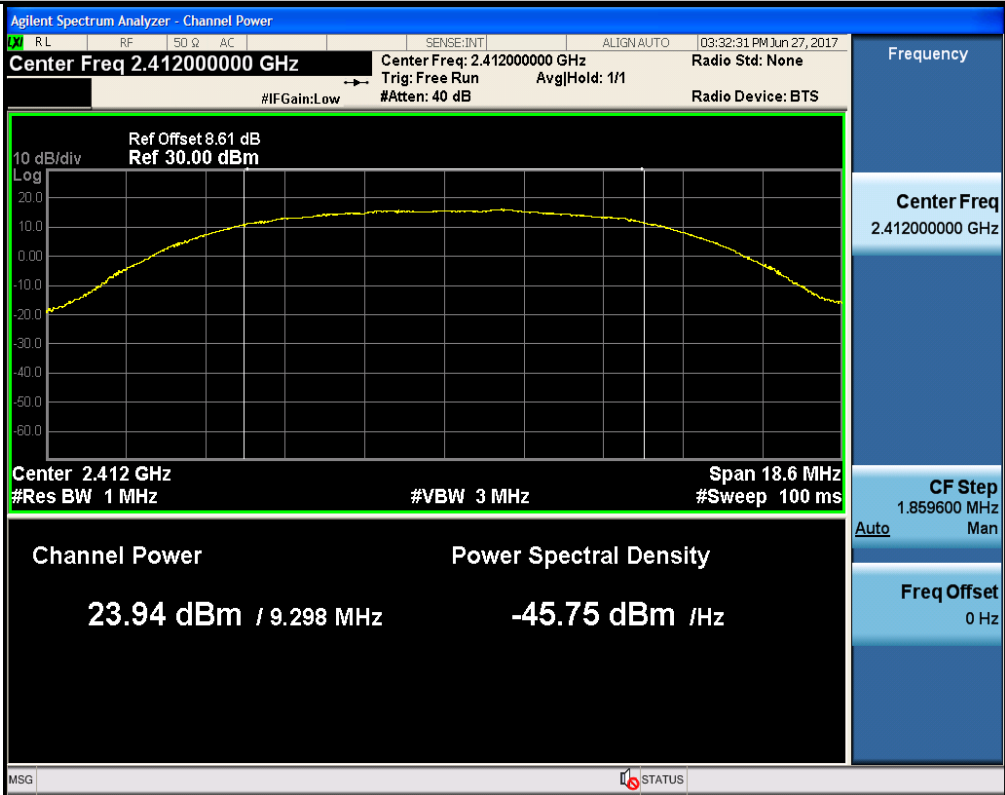


Occupied Bandwidth_11N40SISO_2437

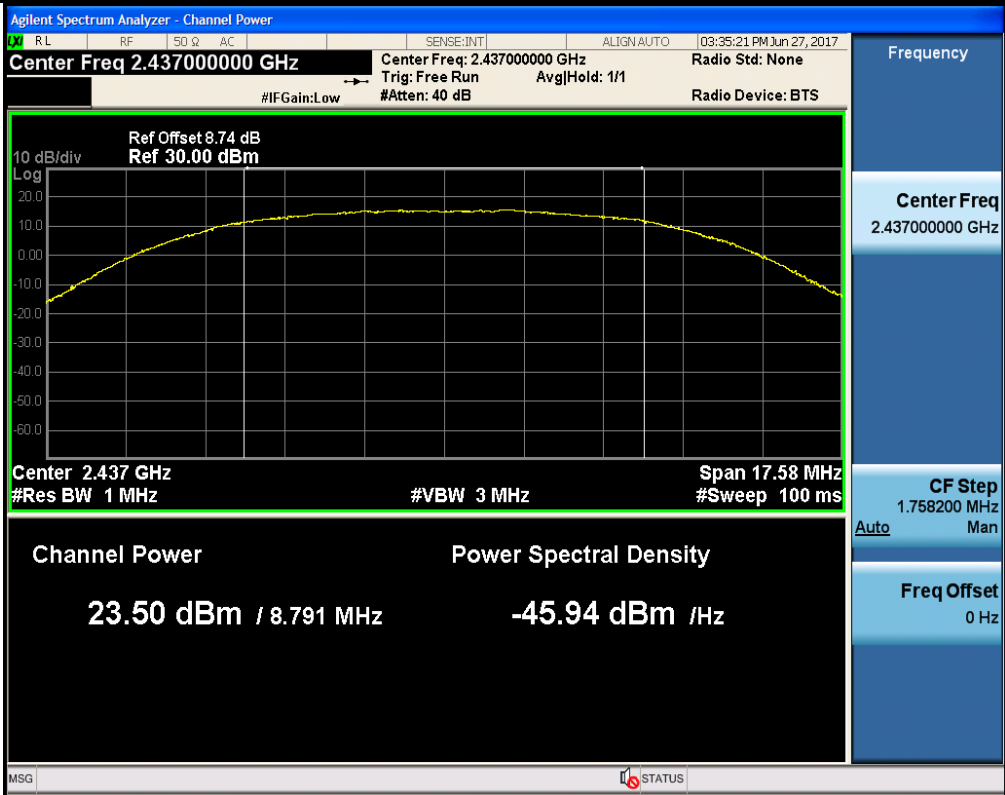


11G	2412	22.33	30	PASS
11G	2437	23.8	30	PASS
11G	2462	24.19	30	PASS
11N20SISO	2412	22.27	30	PASS
11N20SISO	2437	23.45	30	PASS
11N20SISO	2462	23.53	30	PASS
11N40SISO	2422	22.32	30	PASS
11N40SISO	2437	22.3	30	PASS
11N40SISO	2452	22.51	30	PASS

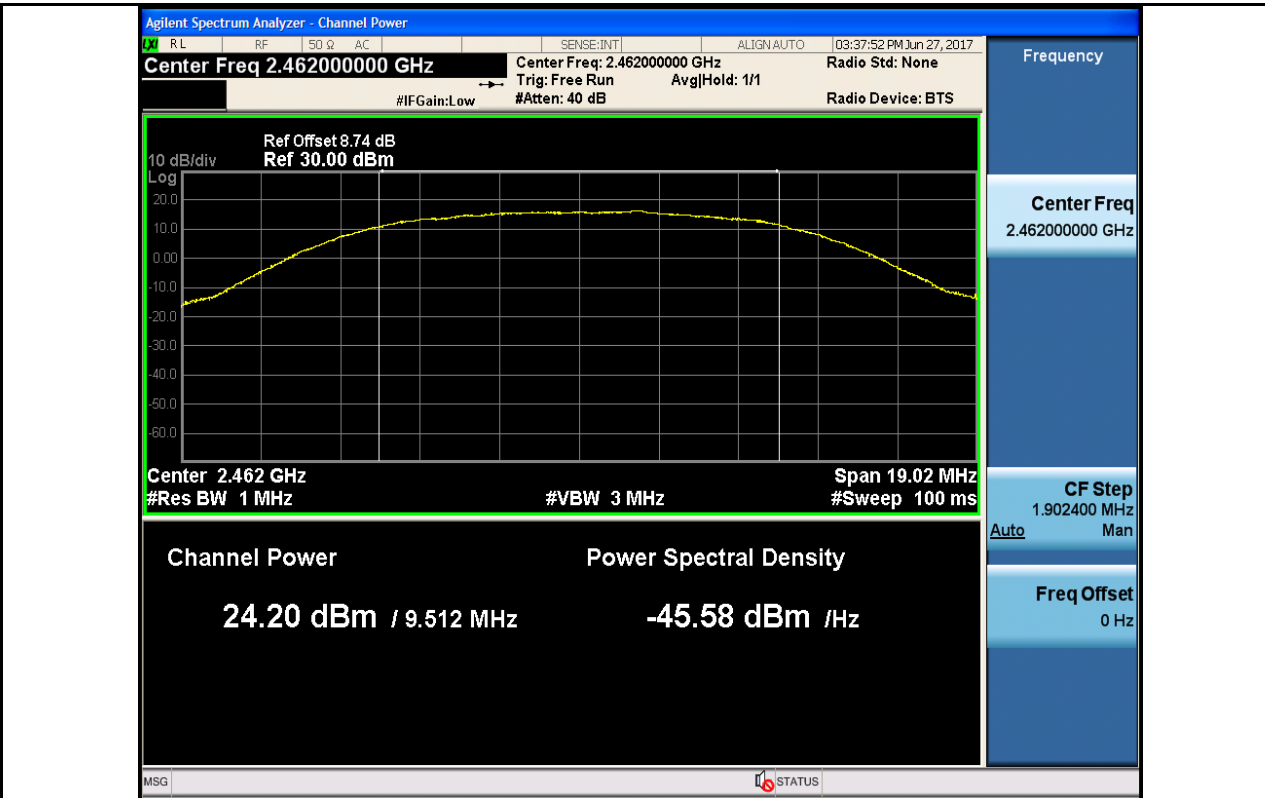
Maximum peak conducted output power_11B_2412



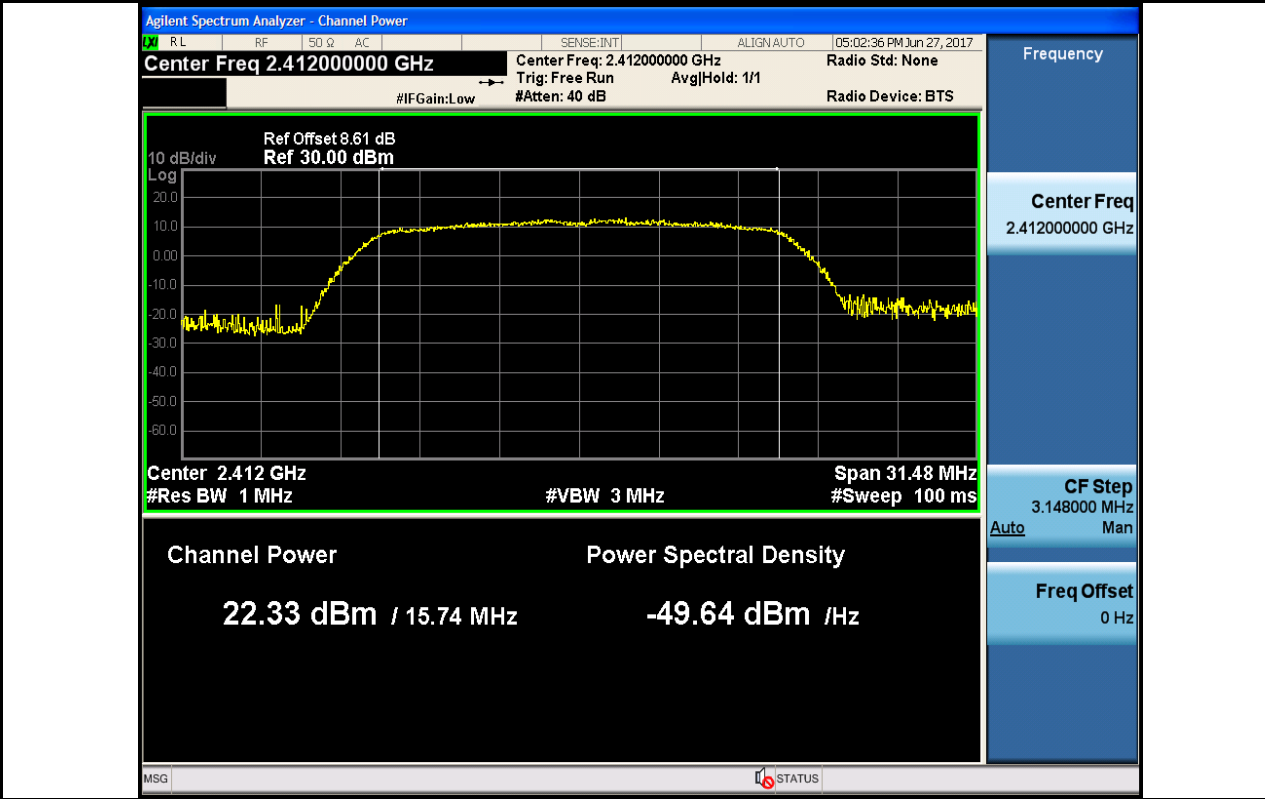
Maximum peak conducted output power_11B_2437



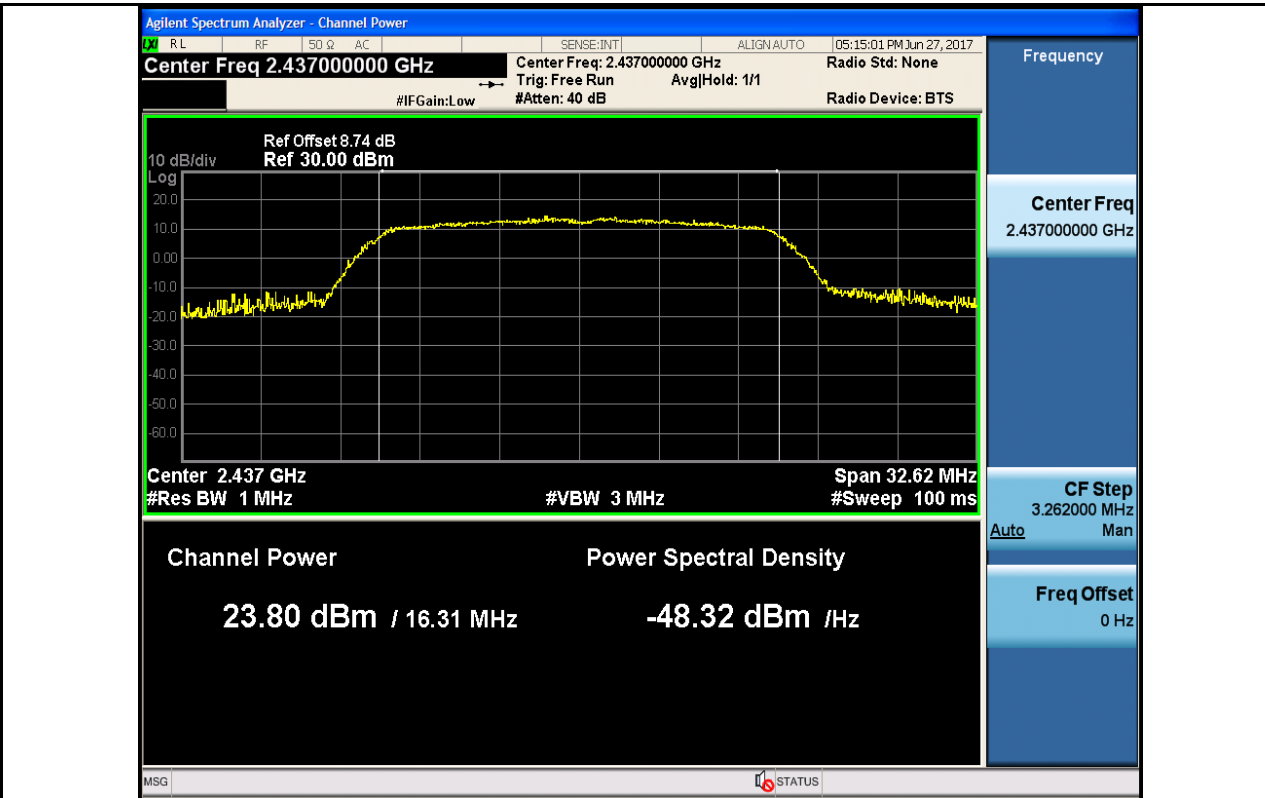
Maximum peak conducted output power_11B_2462



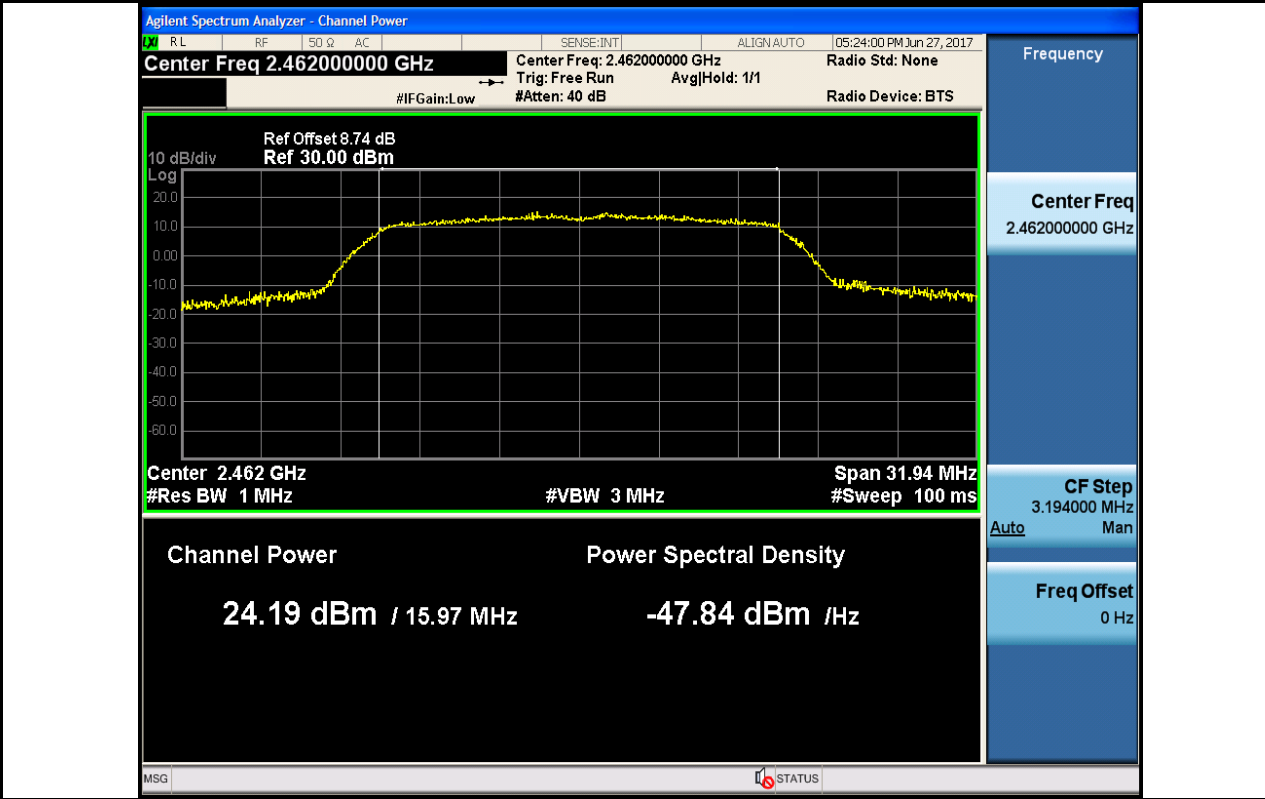
Maximum peak conducted output power_11G_2412



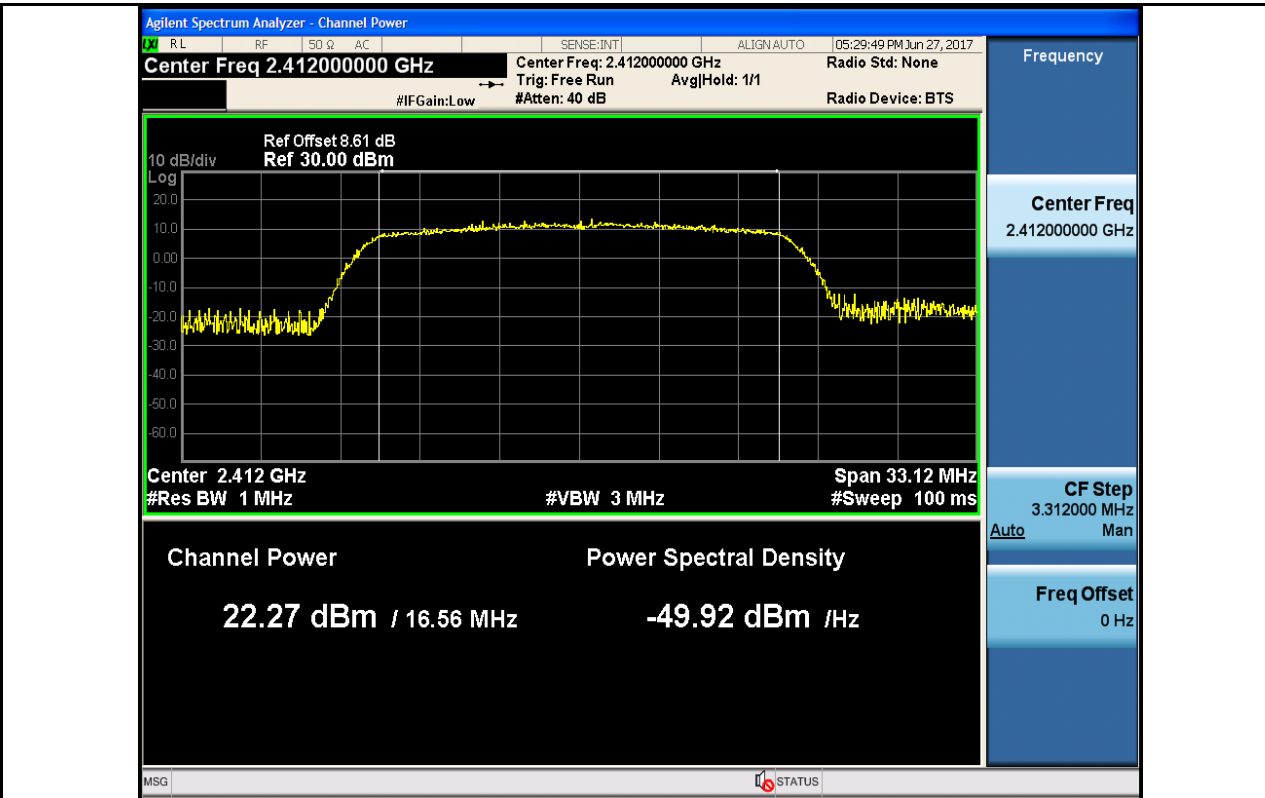
Maximum peak conducted output power_11G_2437



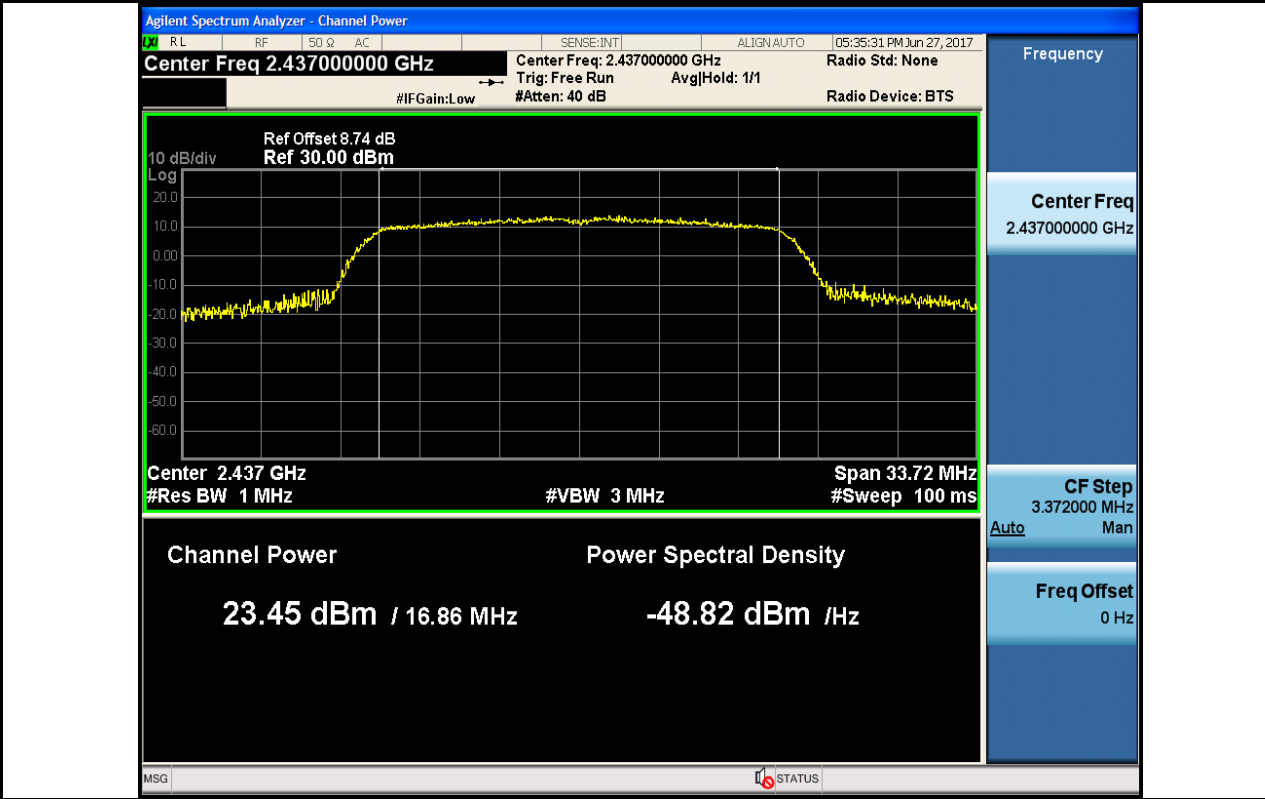
Maximum peak conducted output power_11G_2462



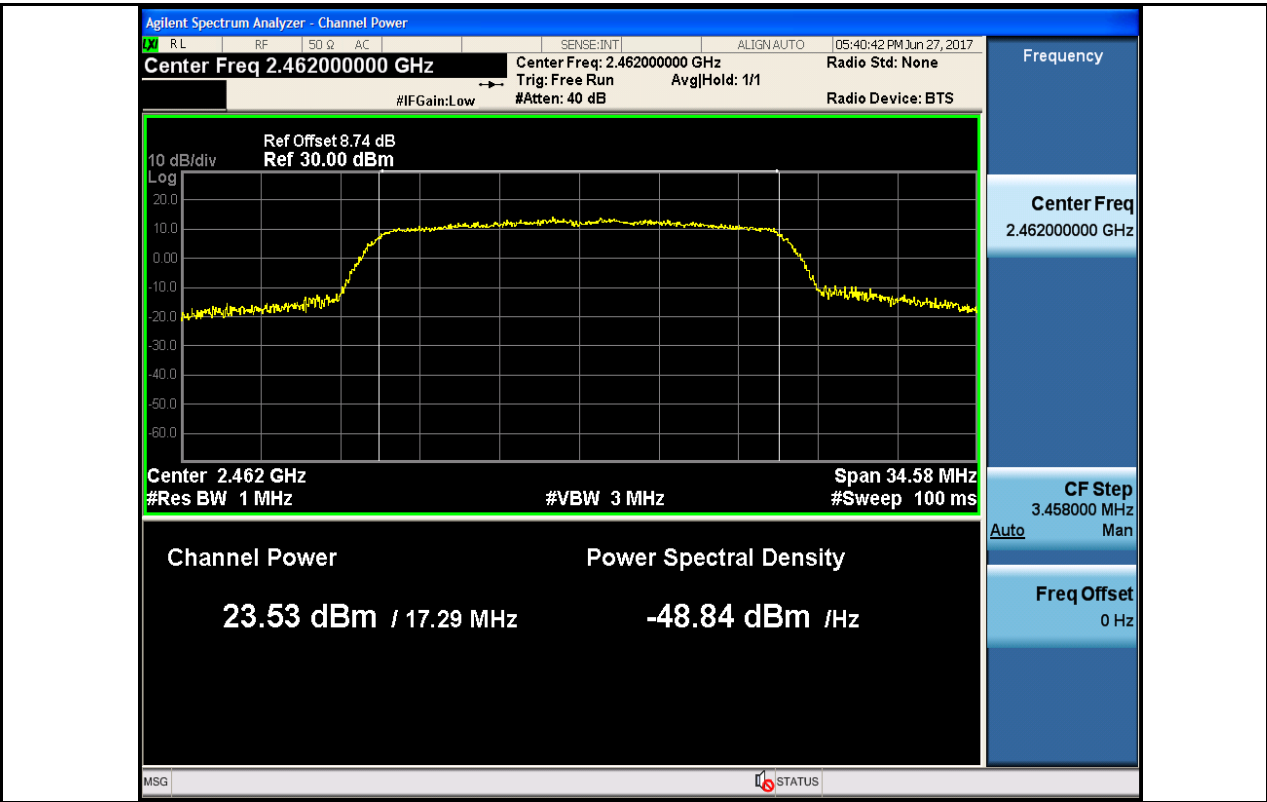
Maximum peak conducted output power_11N20ISO_2412



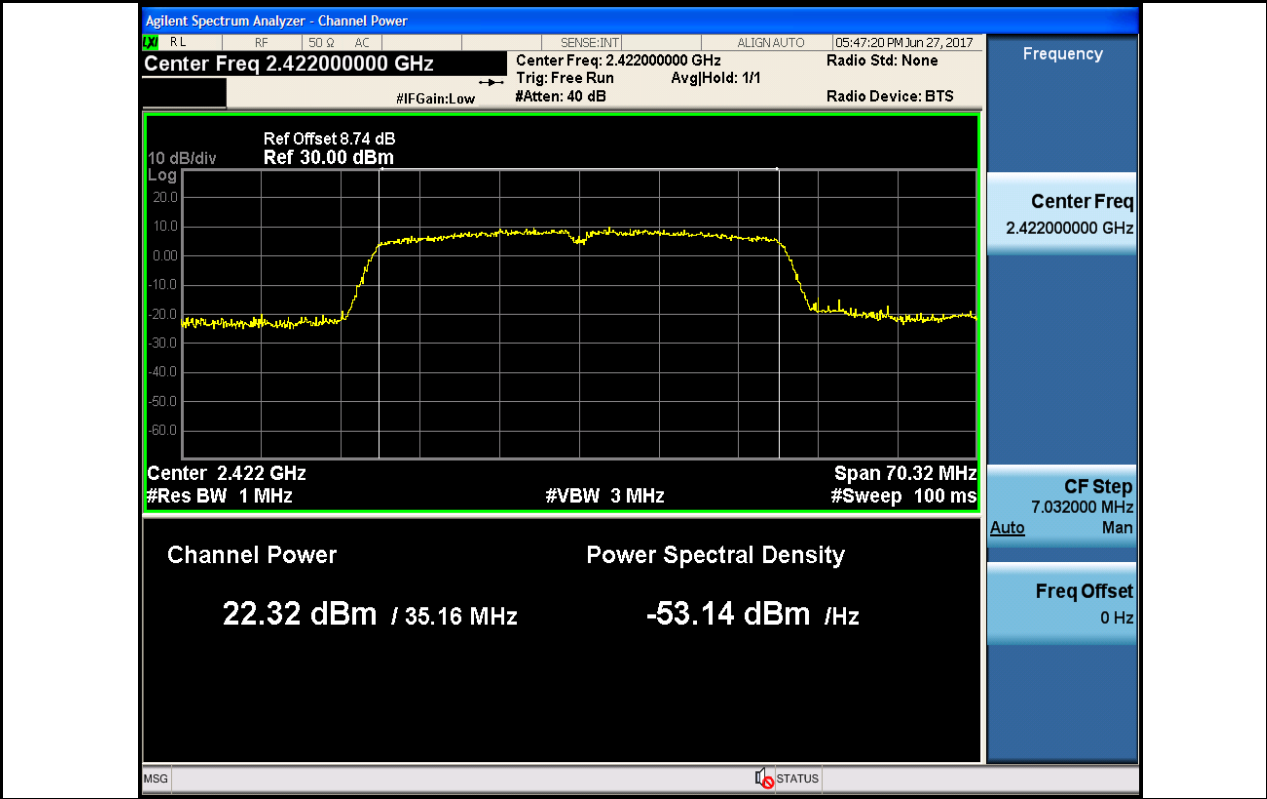
Maximum peak conducted output power_11N20SISO_2437



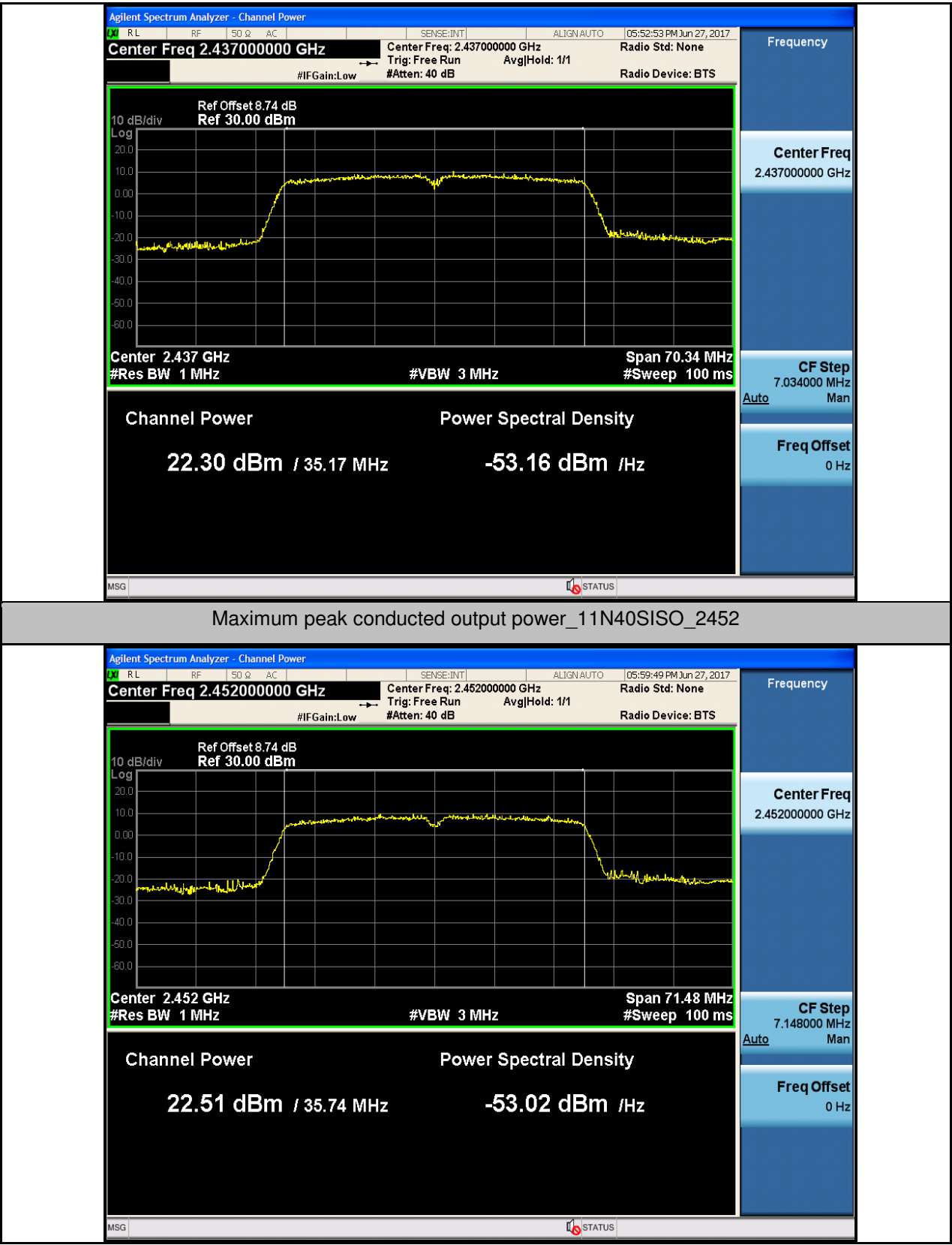
Maximum peak conducted output power_11N20SISO_2462



Maximum peak conducted output power_11N40ISO_2422



Maximum peak conducted output power_11N40ISO_2437



Maximum peak conducted output power_11N40ISO_2452

Agilent Spectrum Analyzer - Channel Power

RL

RF

50 Ω

AC

SENSE:INT

ALIGN: AUTO

05:59:49 PM Jun 27, 2017

Center Freq 2.452000000 GHz

Center Freq: 2.452000000 GHz

Trig: Free Run

Avg|Hold: 1/1

Radio Std: None

#IF Gain: Low

#Atten: 40 dB

Radio Device: BTS

10 dB/div

Ref Offset 8.74 dB

Ref 30.00 dBm

Log



Center 2.452 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 71.48 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

22.51 dBm / 35.74 MHz

-53.02 dBm /Hz

MSG

STATUS

Frequency

Center Freq
2.452000000 GHz

CF Step
7.148000 MHz

Auto
Man

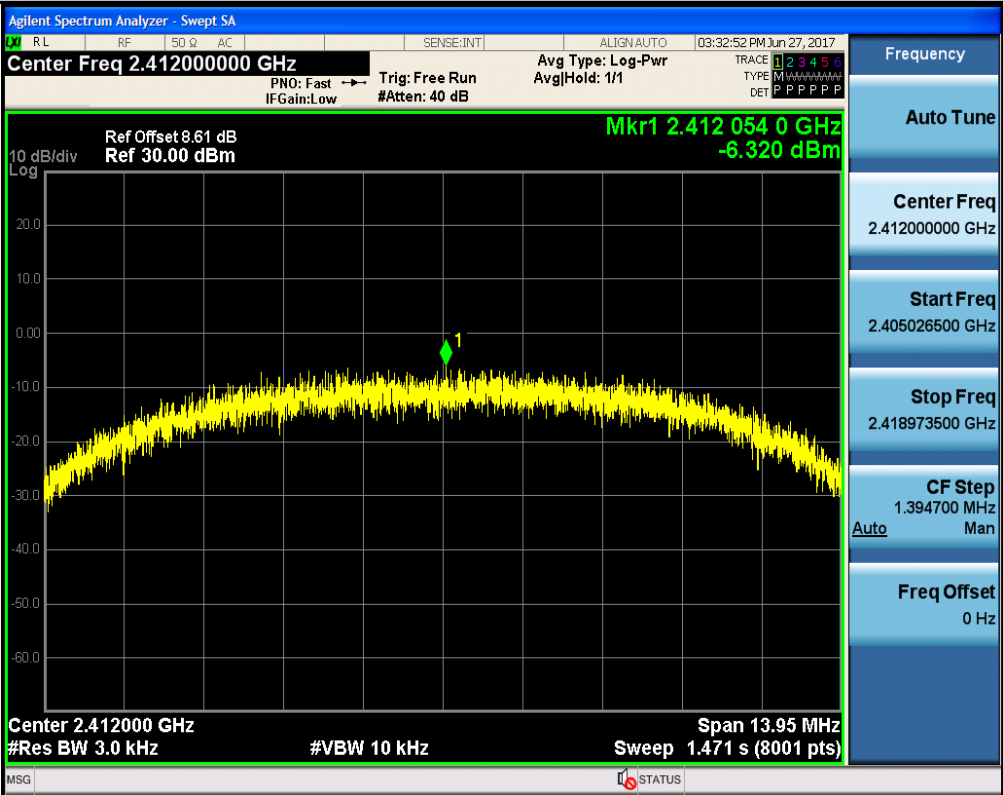
Freq Offset
0 Hz

4.Maximum Peak power spectral density

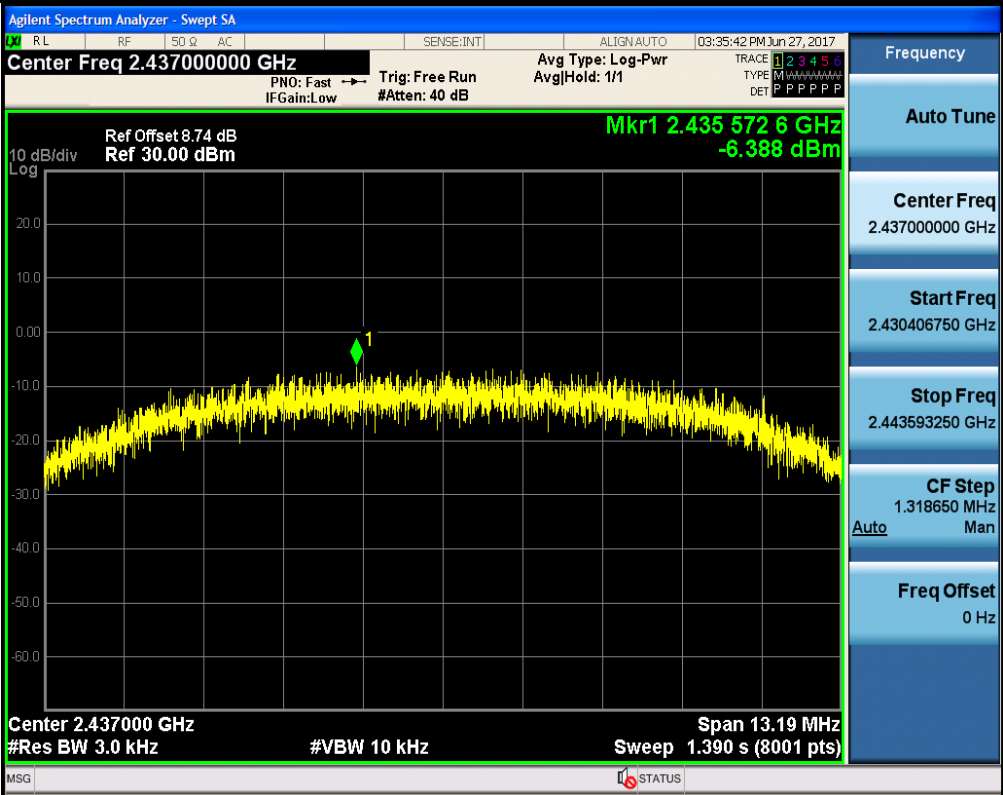
Test Mode	Test Channel	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-6.32	8.00	PASS
11B	2437	-6.388	8.00	PASS
11B	2462	-5.353	8.00	PASS

11G	2412	-11.39	8.00	PASS
11G	2437	-9.404	8.00	PASS
11G	2462	-9.416	8.00	PASS
11N20SISO	2412	-11.713	8.00	PASS
11N20SISO	2437	-10.31	8.00	PASS
11N20SISO	2462	-9.868	8.00	PASS
11N40SISO	2422	-13.038	8.00	PASS
11N40SISO	2437	-14.177	8.00	PASS
11N40SISO	2452	-14.127	8.00	PASS

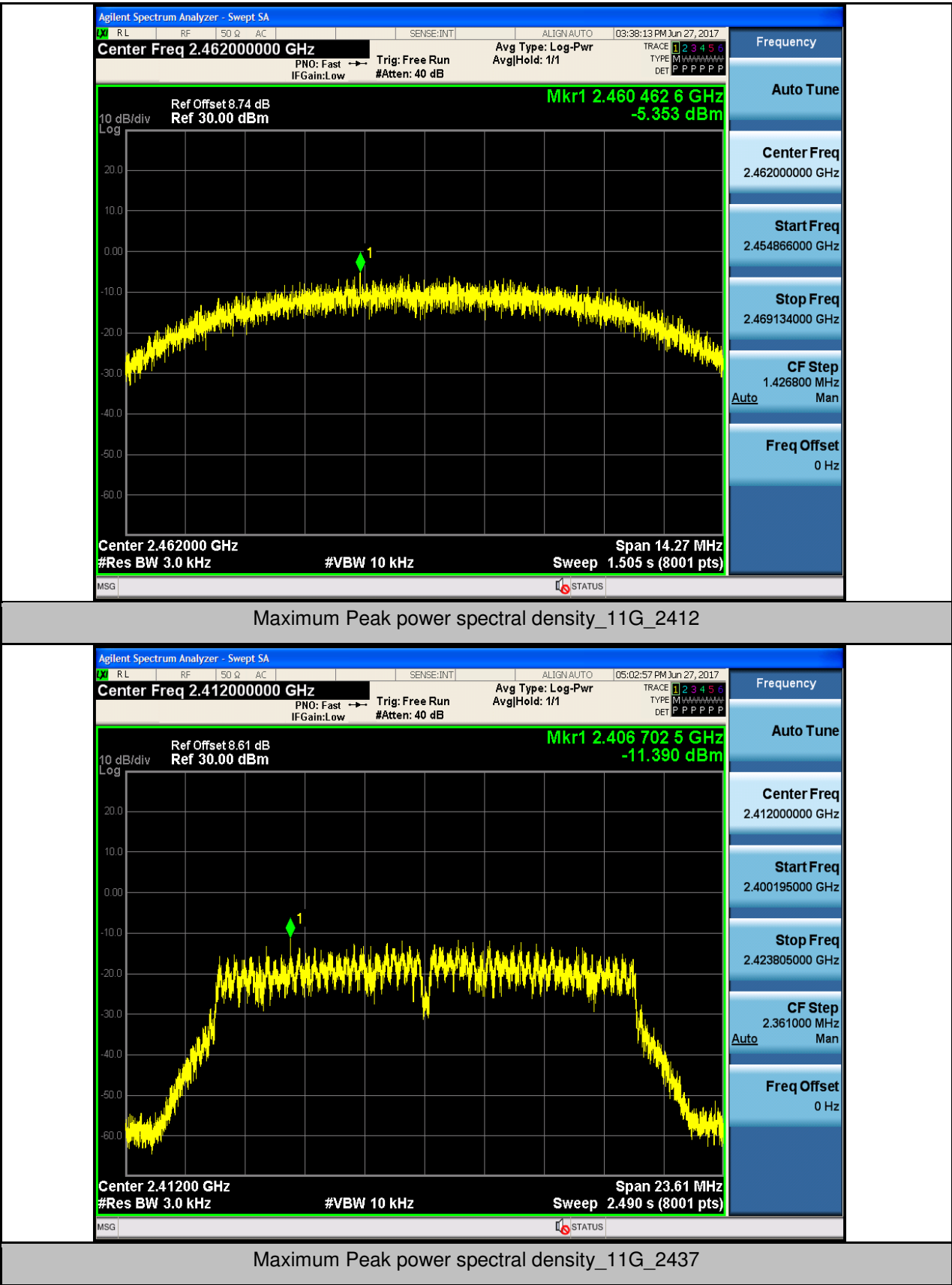
Maximum Peak power spectral density_11B_2412

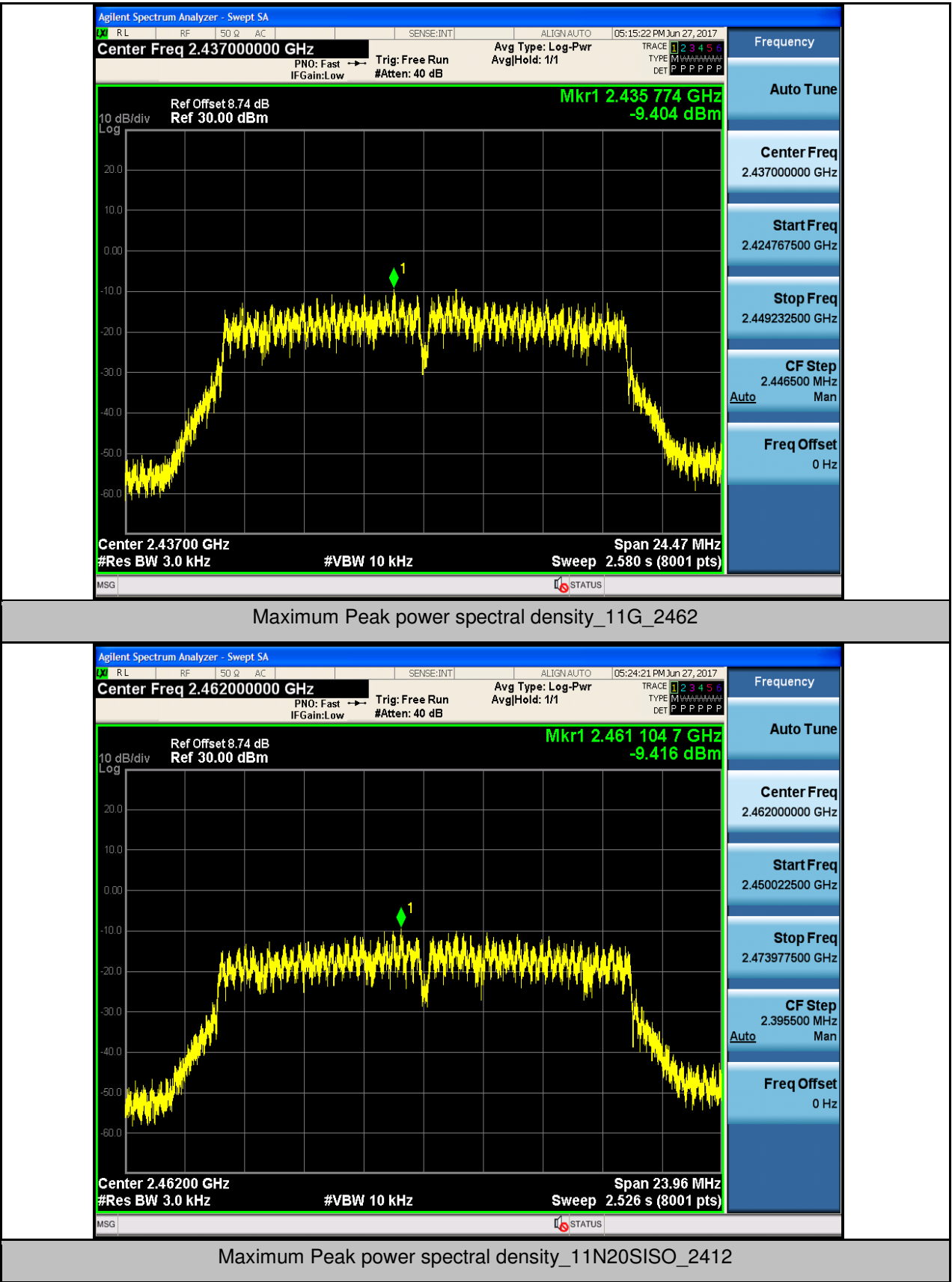


Maximum Peak power spectral density_11B_2437



Maximum Peak power spectral density_11B_2462





Agilent Spectrum Analyzer - Swept SA

RL

RF

50 Ω

AC

SENSE:INT

ALIGN:AUTO

05:24:21 PM Jun 27, 2017

Center Freq 2.462000000 GHz

PNO: Fast

Trig: Free Run

Avg Type: Log-Pwr

IFGain:Low

#Atten: 40 dB

AvgHold: 1/1

TRACE 1 2 3 4 5 6

TYPE M

DET P P P P P P

Ref Offset 8.74 dB

Ref 30.00 dBm

Mkr1 2.461 104 7 GHz

-9.416 dBm



Center 2.46200 GHz

#Res BW 3.0 kHz

#VBW 10 kHz

Span 23.96 MHz

Sweep 2.526 s (8001 pts)

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.462000000 GHz

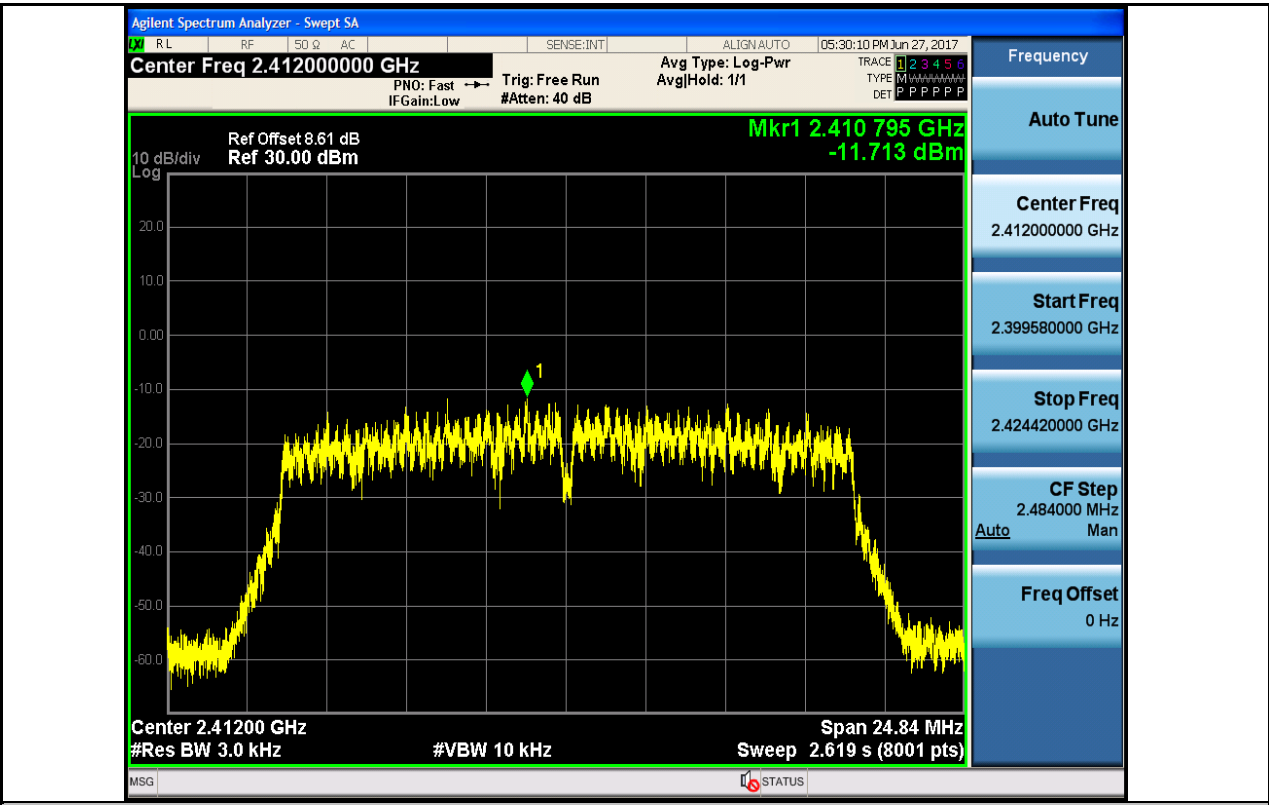
Start Freq
2.450022500 GHz

Stop Freq
2.473977500 GHz

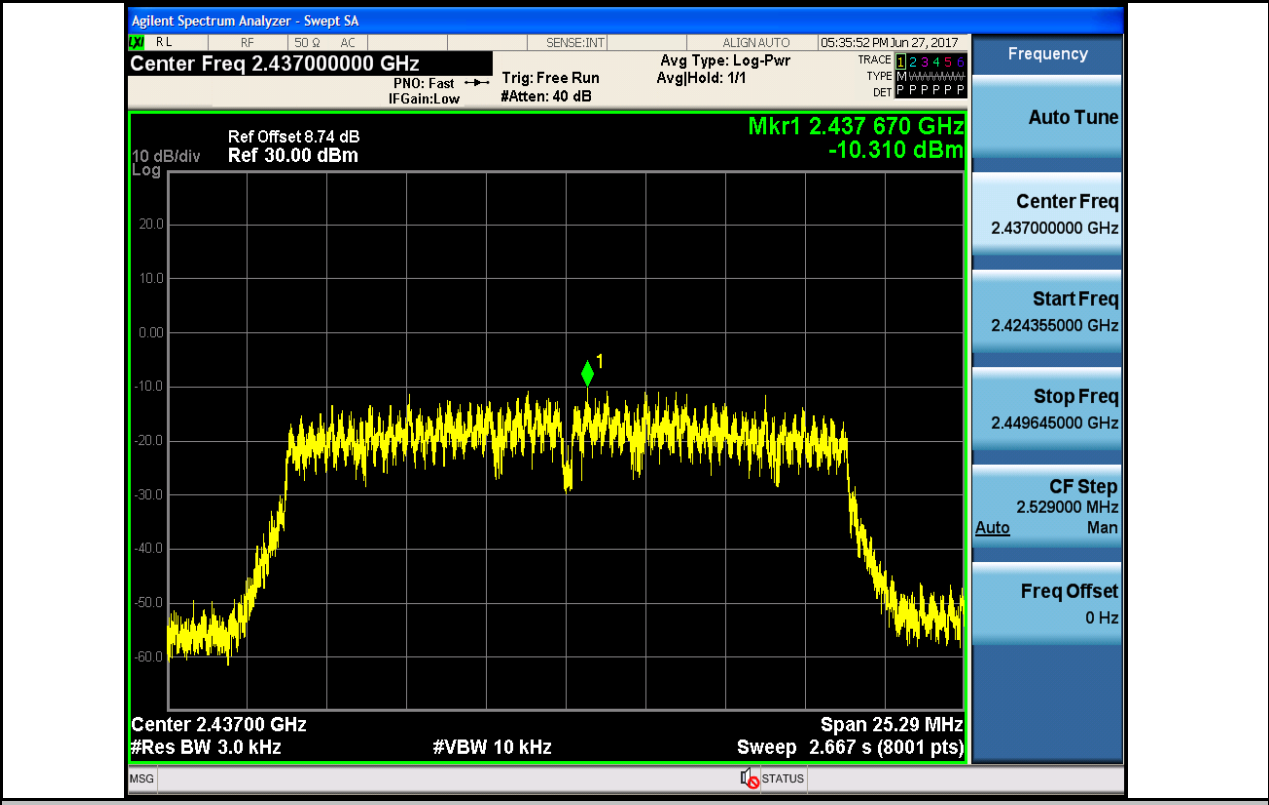
CF Step
2.395500 MHz
Auto Man

Freq Offset
0 Hz

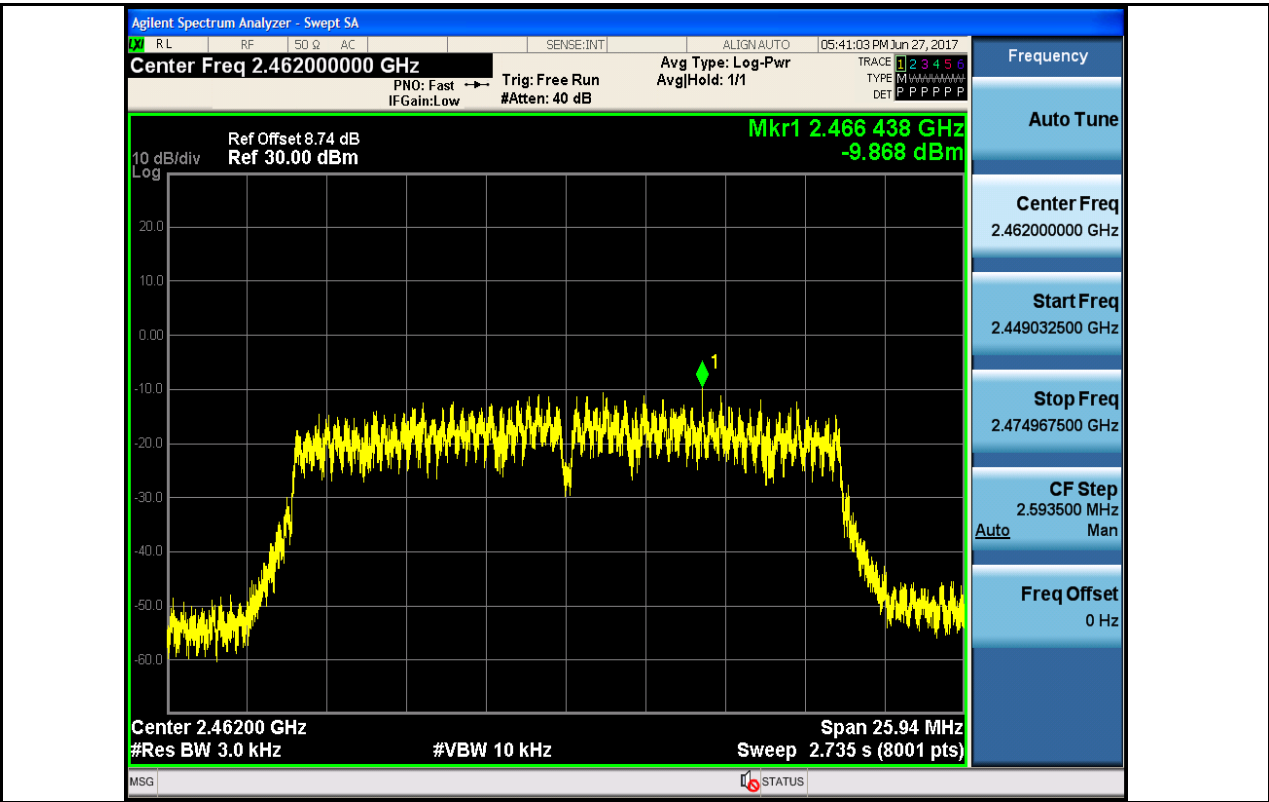
Maximum Peak power spectral density_11N20SISO_2412



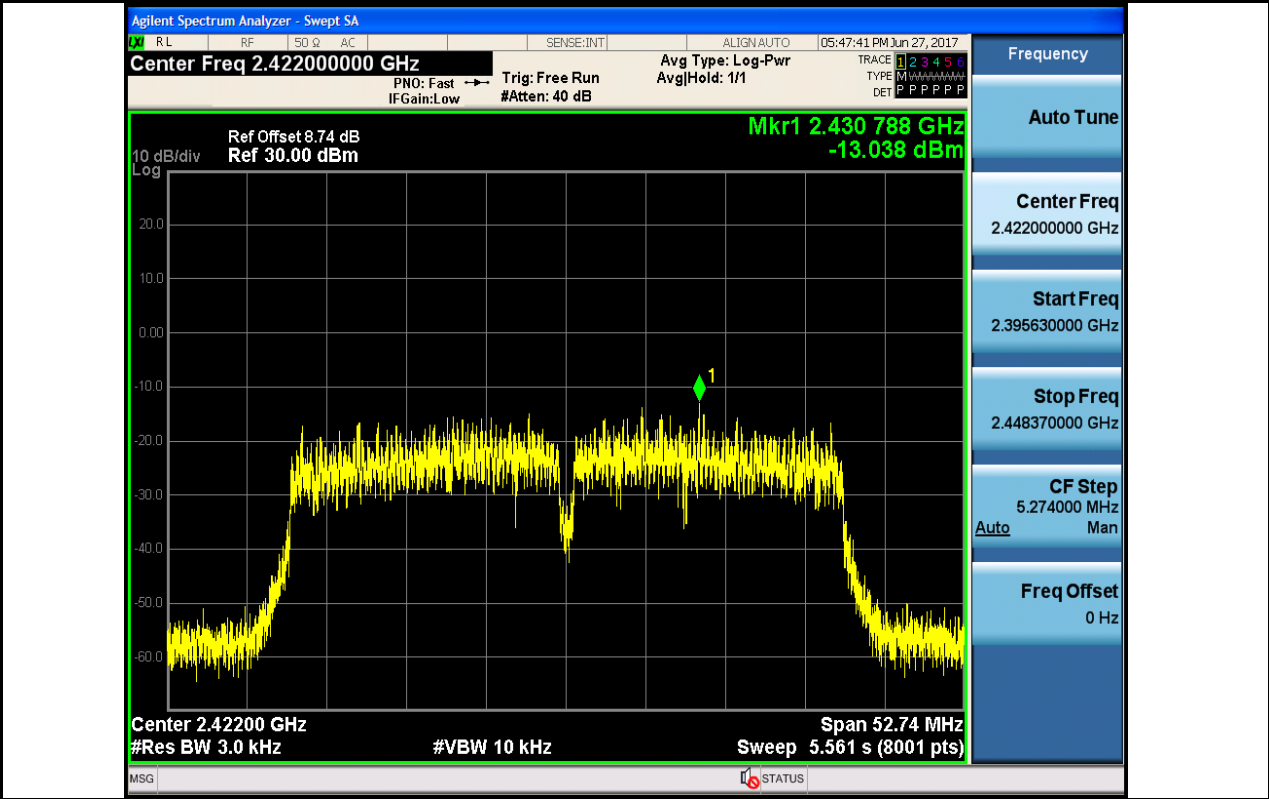
Maximum Peak power spectral density_11N20SISO_2437



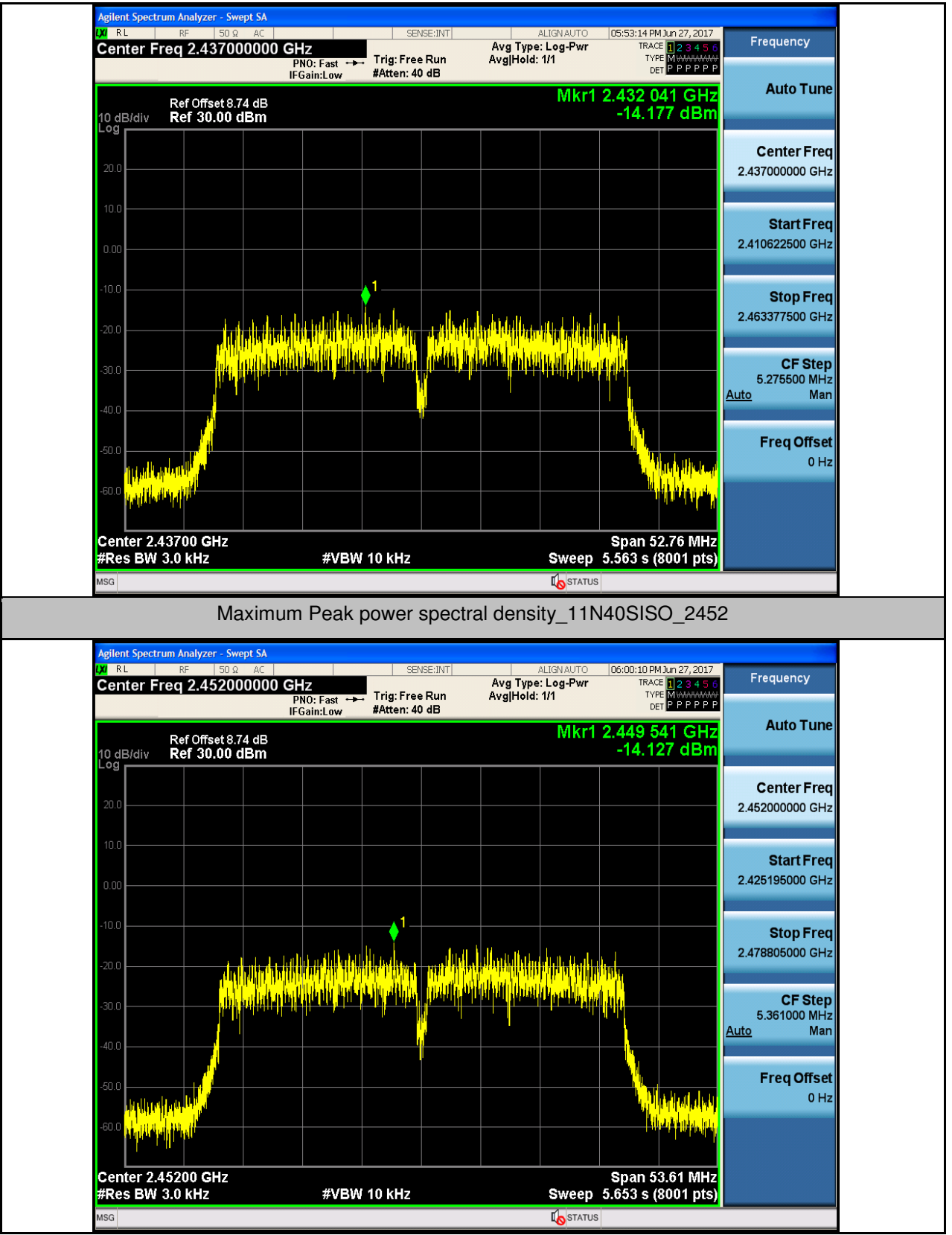
Maximum Peak power spectral density_11N20SISO_2462



Maximum Peak power spectral density_11N40SISO_2422



Maximum Peak power spectral density_11N40SISO_2437

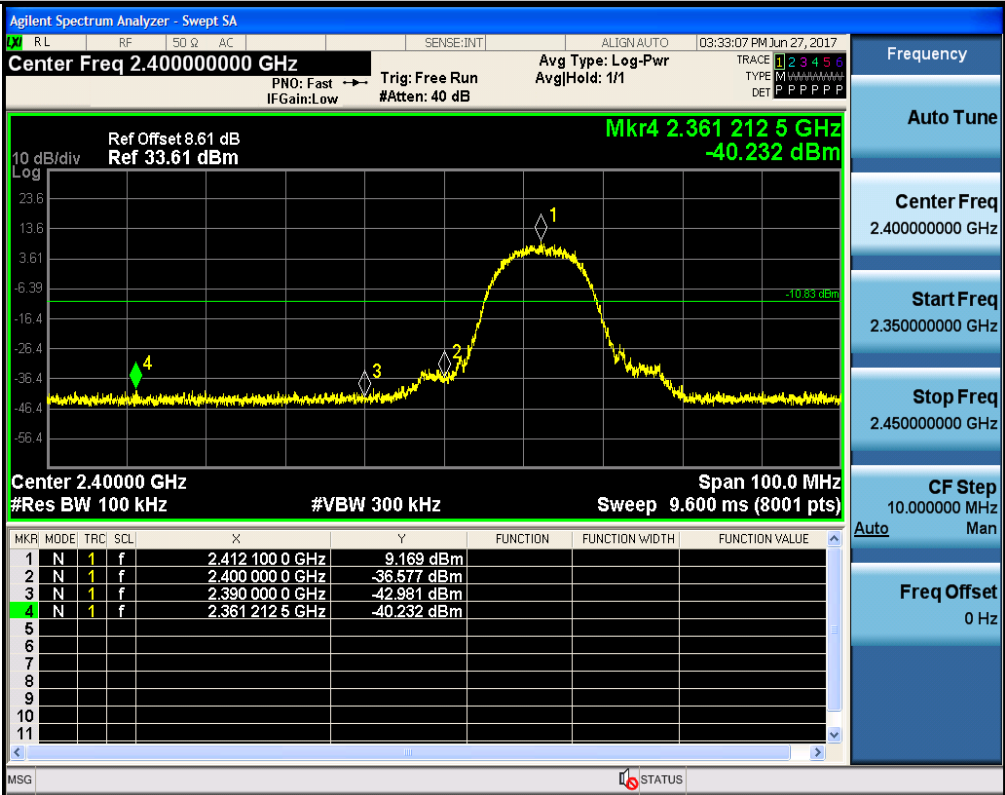


5.Band-edge for RF Conducted Emissions

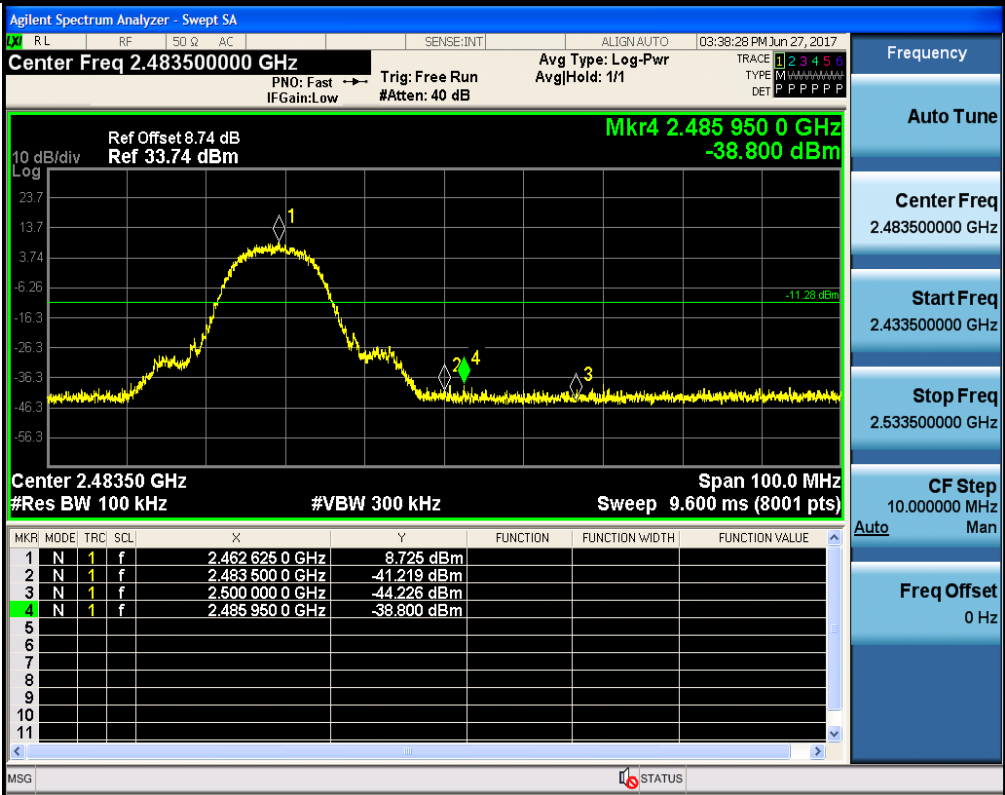
Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	9.169	-40.232	-10.83	PASS
11B	2462	8.725	-38.800	-11.28	PASS

11G	2412	3.999	-36.248	-16	PASS
11G	2462	5.804	-34.614	-14.2	PASS
11N20SISO	2412	3.989	-35.120	-16.01	PASS
11N20SISO	2462	5.181	-36.076	-14.82	PASS
11N40SISO	2422	0.653	-32.946	-19.35	PASS
11N40SISO	2452	0.588	-32.726	-19.41	PASS

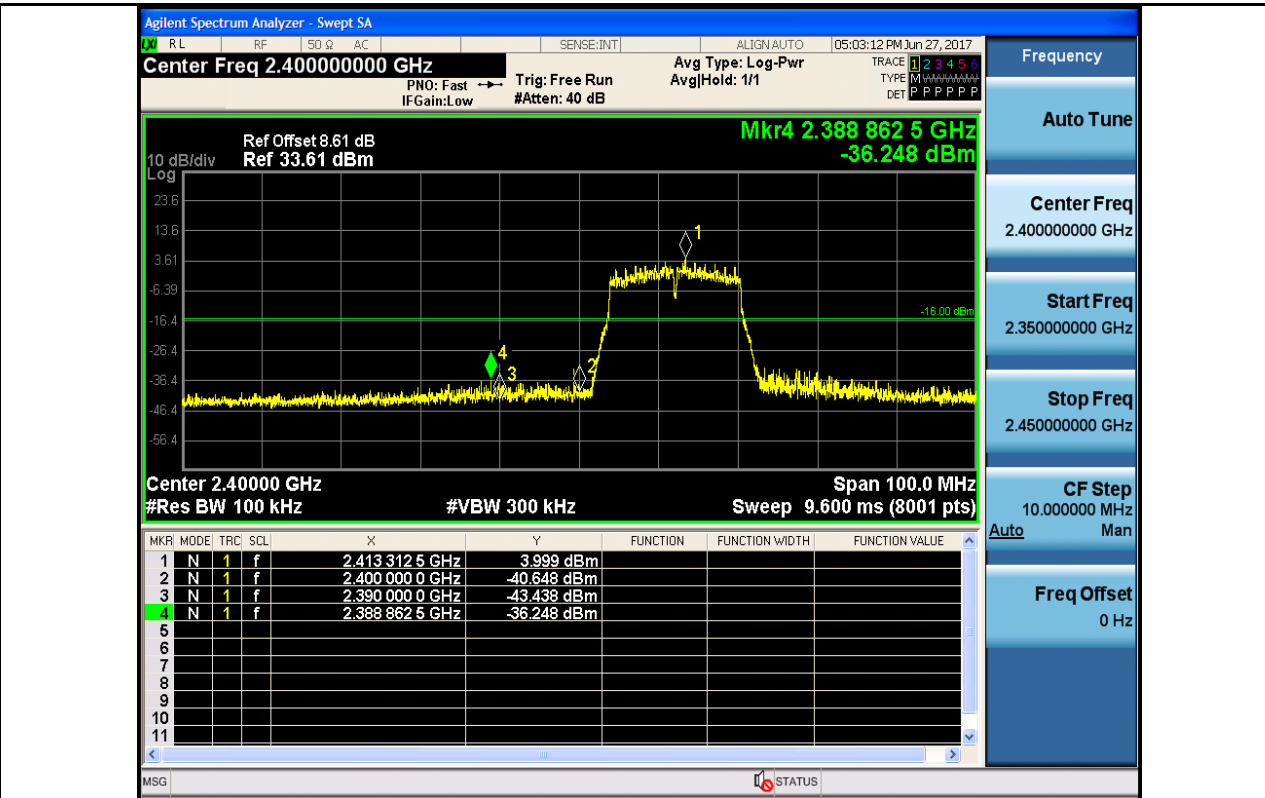
Band-edge for RF Conducted Emissions_11B_2412_Hopping Off



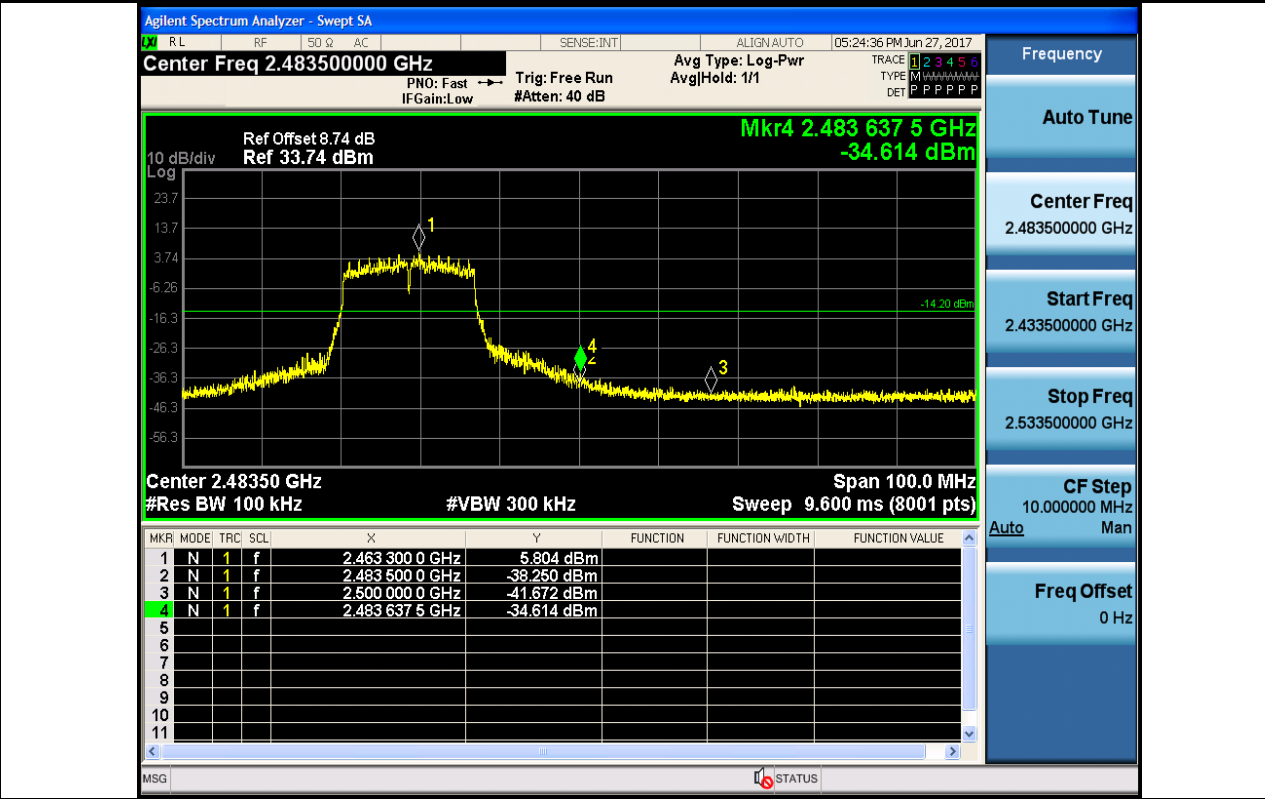
Band-edge for RF Conducted Emissions_11B_2462_Hopping Off



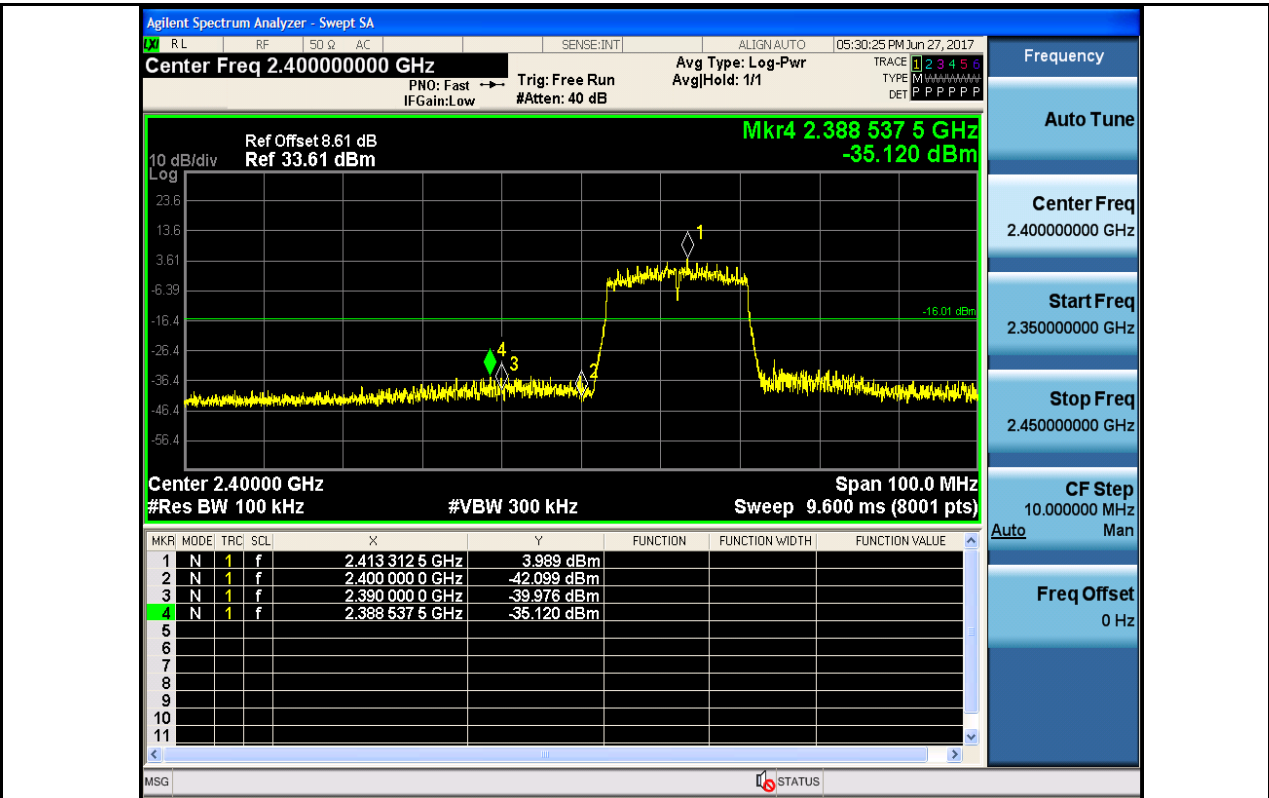
Band-edge for RF Conducted Emissions_11G_2412_Hopping Off



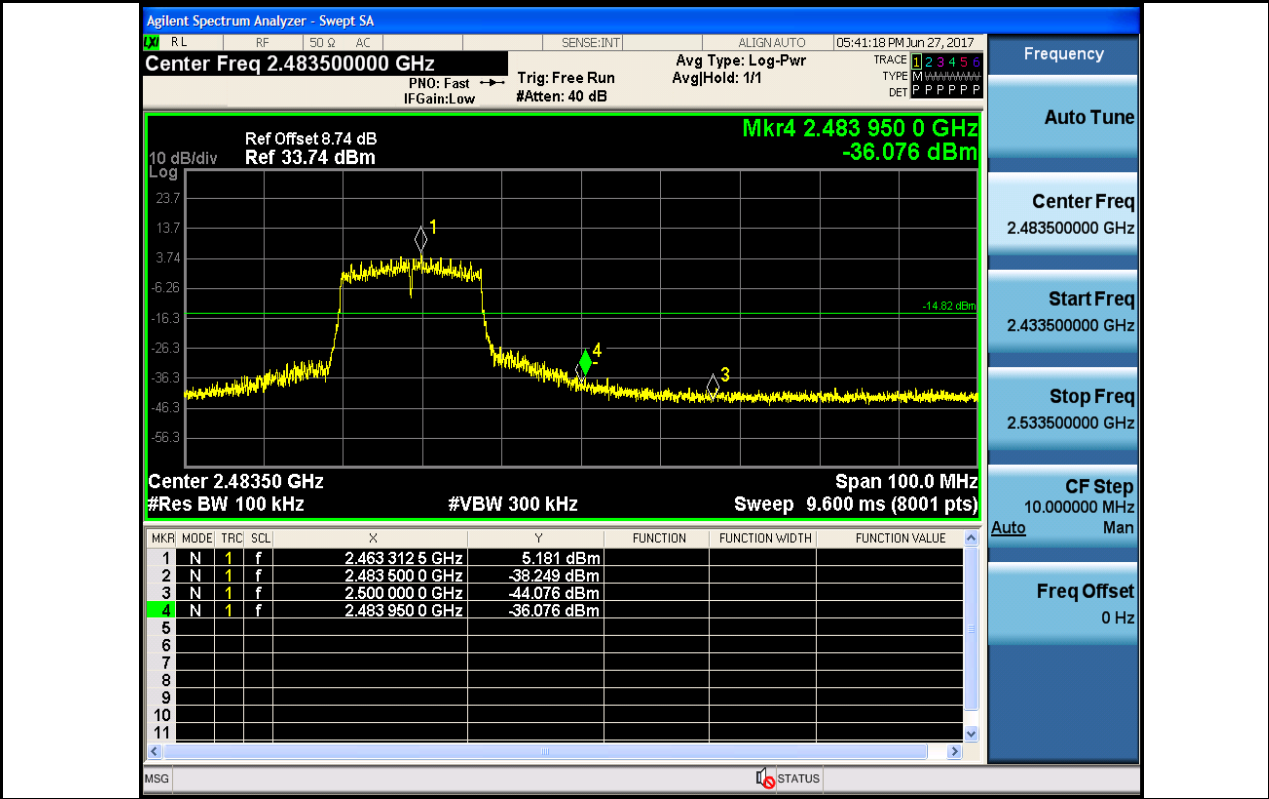
Band-edge for RF Conducted Emissions_11G_2462_Hopping Off



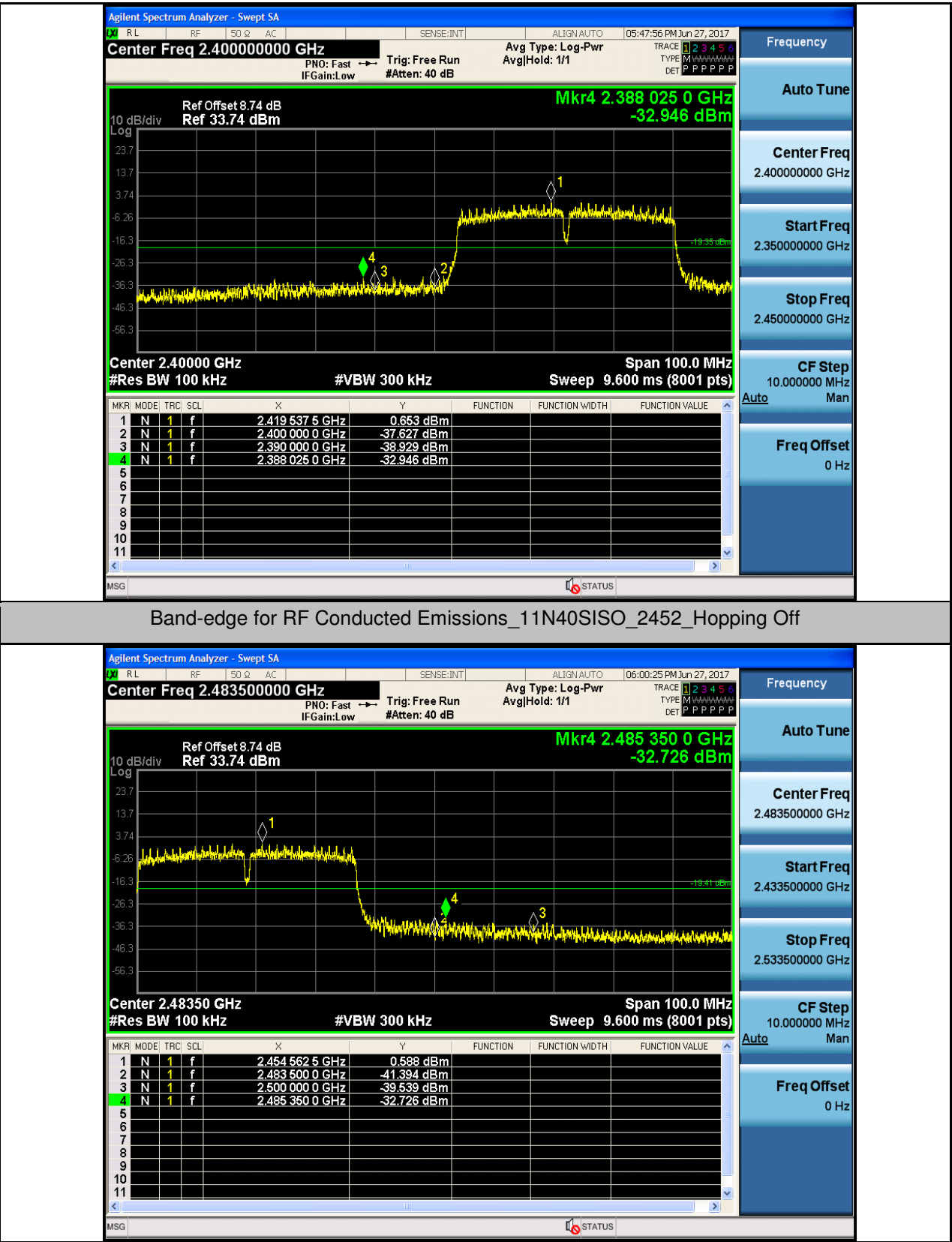
Band-edge for RF Conducted Emissions_11N20SISO_2412_Hopping Off



Band-edge for RF Conducted Emissions_11N20SISO_2462_Hopping Off



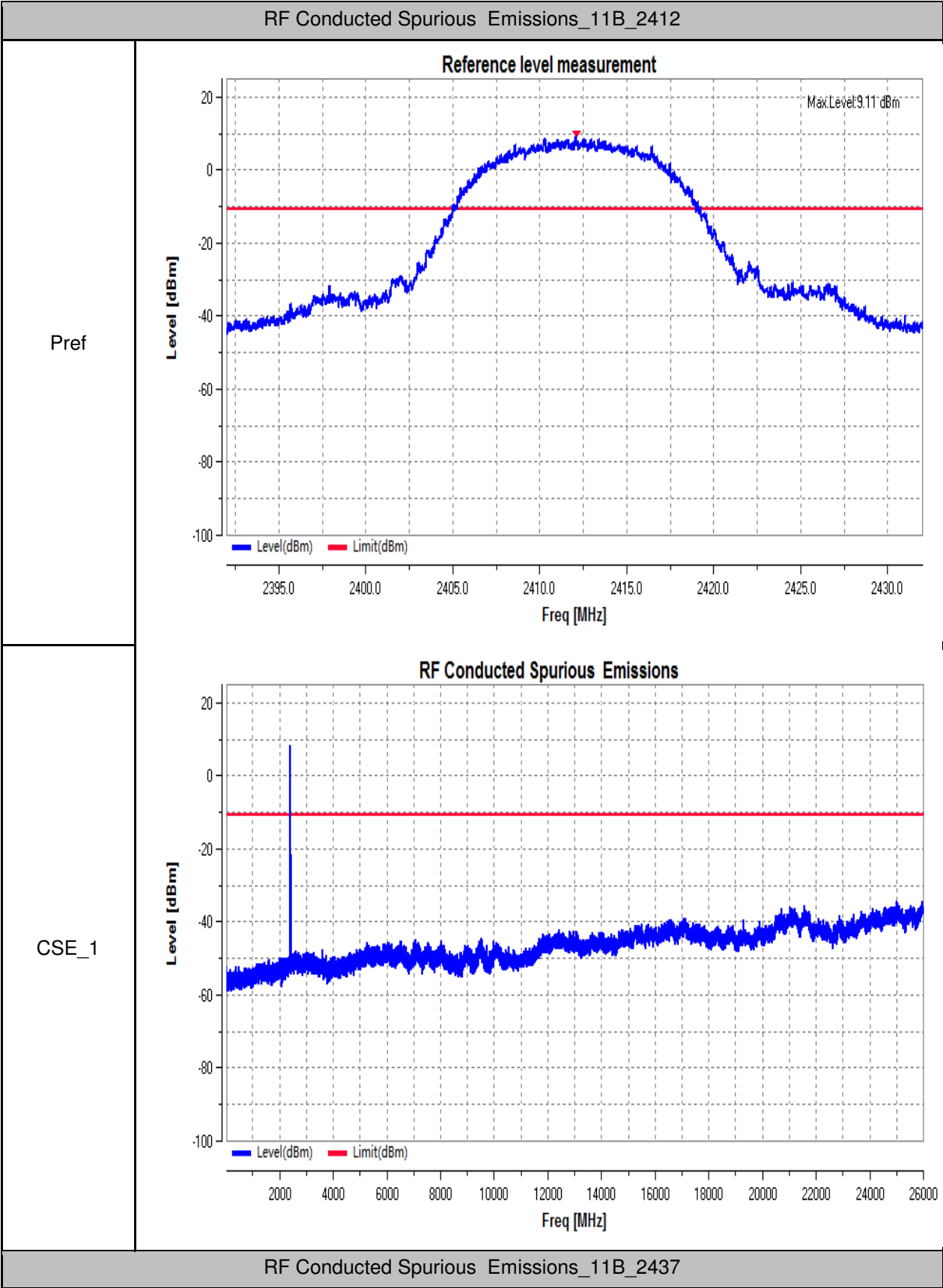
Band-edge for RF Conducted Emissions_11N40SISO_2422_Hopping Off



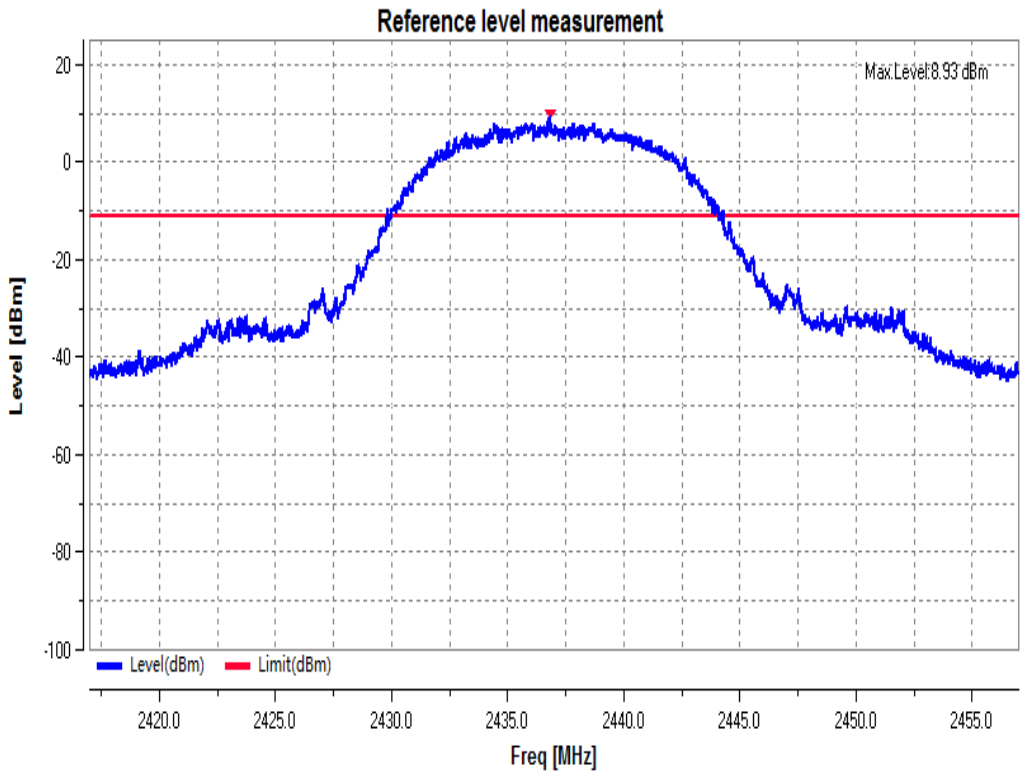
6.RF Conducted Spurious Emissions

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
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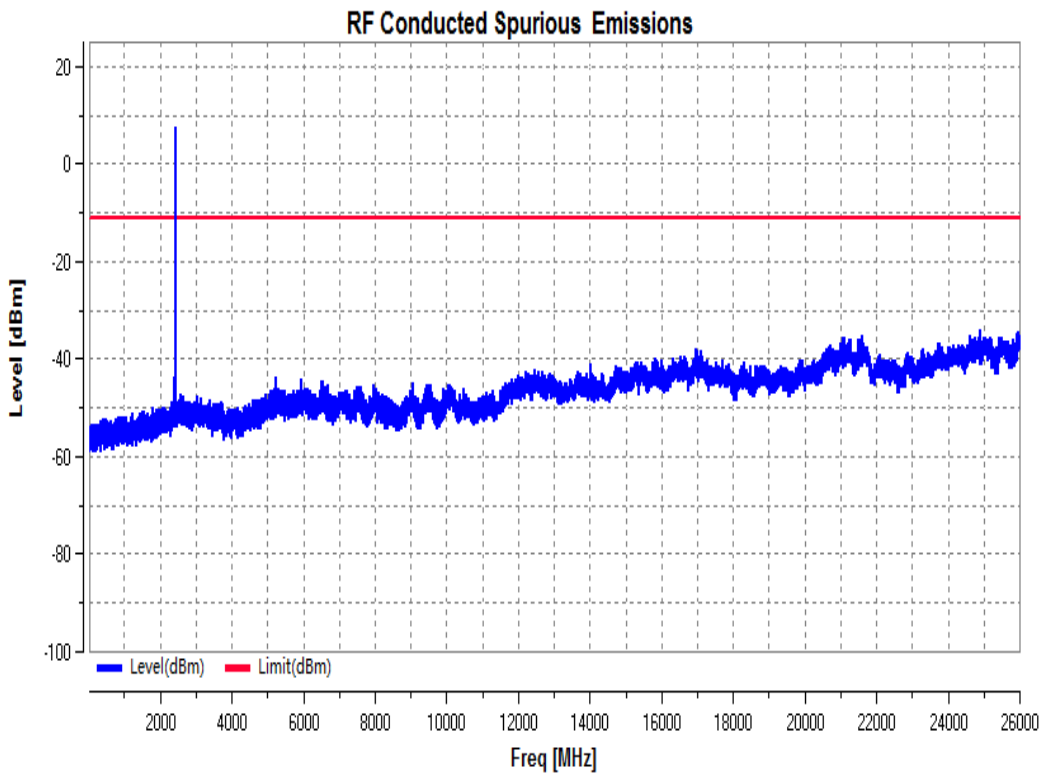
11B	2412	30	10000	100	300	9.11	-44.527	-10.89	PASS
11B	2412	10000	26000	100	300	9.11	-34.337	-10.89	PASS
11B	2437	30	10000	100	300	8.928	-43.714	-11.072	PASS
11B	2437	10000	26000	100	300	8.928	-34.159	-11.072	PASS
11B	2462	30	10000	100	300	9.074	-43.595	-10.926	PASS
11B	2462	10000	26000	100	300	9.074	-34.044	-10.926	PASS
11G	2412	30	10000	100	300	3.929	-44.303	-16.071	PASS
11G	2412	10000	26000	100	300	3.929	-34.044	-16.071	PASS
11G	2437	30	10000	100	300	5.281	-44.016	-14.719	PASS
11G	2437	10000	26000	100	300	5.281	-34.432	-14.719	PASS
11G	2462	30	10000	100	300	5.716	-44.518	-14.284	PASS
11G	2462	10000	26000	100	300	5.716	-33.106	-14.284	PASS
11N20SISO	2412	30	10000	100	300	3.875	-44.095	-16.125	PASS
11N20SISO	2412	10000	26000	100	300	3.875	-32.996	-16.125	PASS
11N20SISO	2437	30	10000	100	300	5.081	-44.031	-14.919	PASS
11N20SISO	2437	10000	26000	100	300	5.081	-34.571	-14.919	PASS
11N20SISO	2462	30	10000	100	300	5.06	-44.036	-14.94	PASS
11N20SISO	2462	10000	26000	100	300	5.06	-34.706	-14.94	PASS
11N40SISO	2422	30	10000	100	300	0.627	-43.950	-19.373	PASS
11N40SISO	2422	10000	26000	100	300	0.627	-34.300	-19.373	PASS
11N40SISO	2437	30	10000	100	300	0.398	-44.876	-19.602	PASS
11N40SISO	2437	10000	26000	100	300	0.398	-34.617	-19.602	PASS
11N40SISO	2452	30	10000	100	300	0.562	-44.170	-19.438	PASS
11N40SISO	2452	10000	26000	100	300	0.562	-33.949	-19.438	PASS



Pref

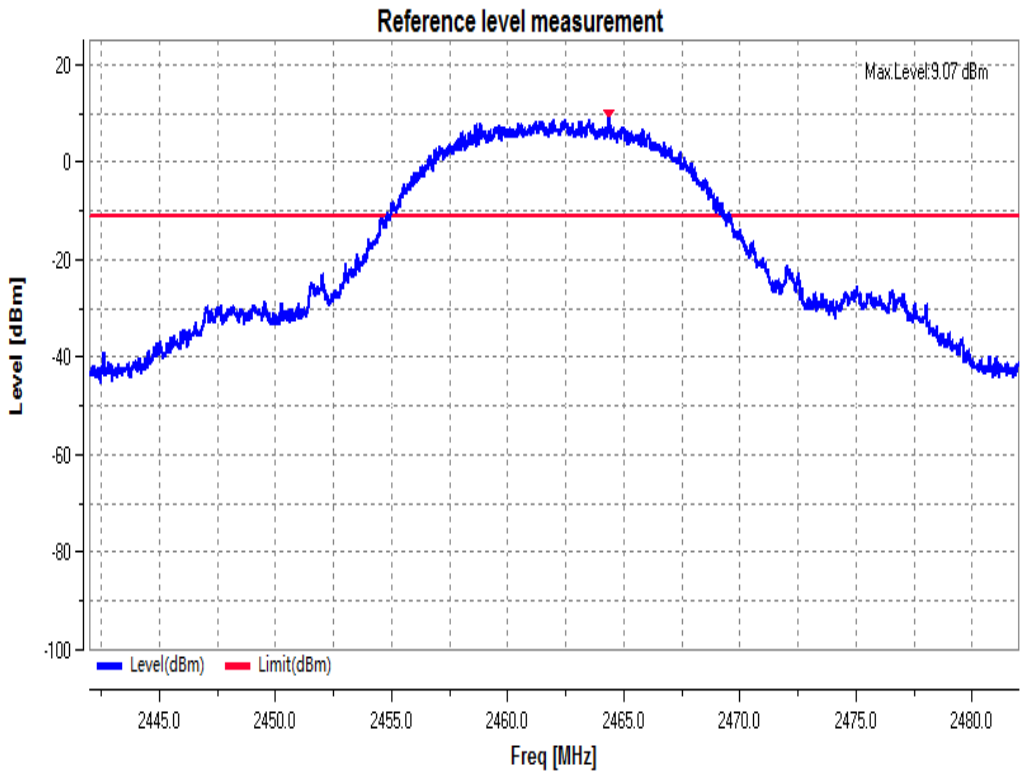


CSE_1

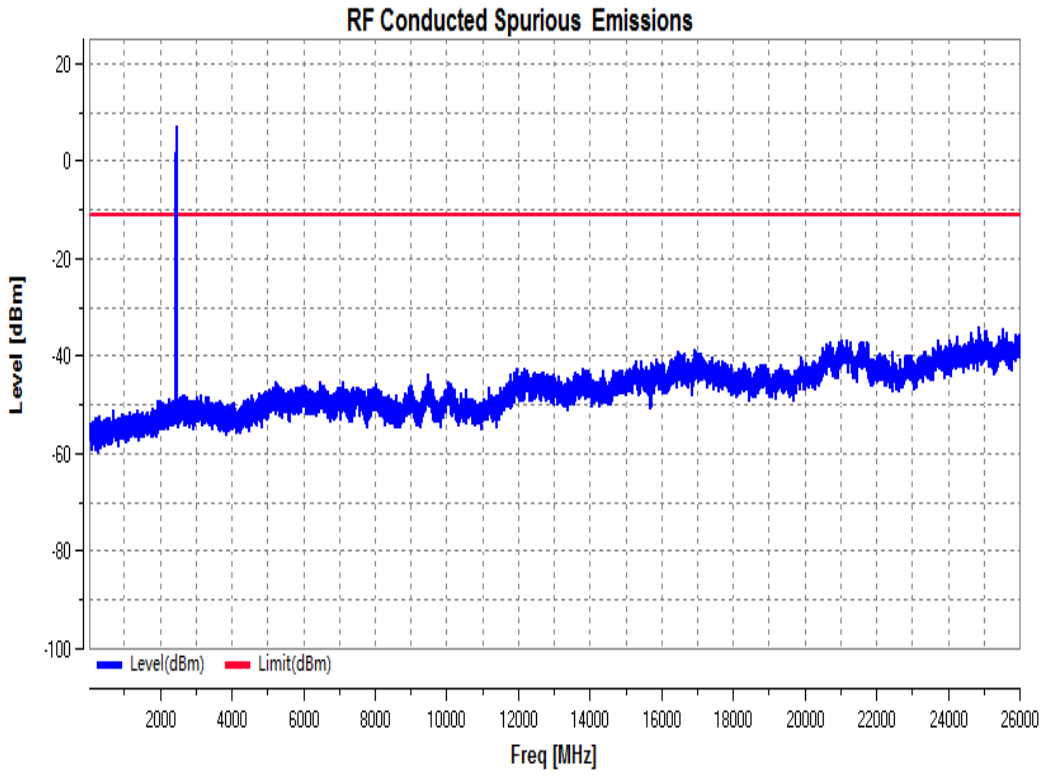


RF Conducted Spurious Emissions_11B_2462

Pref

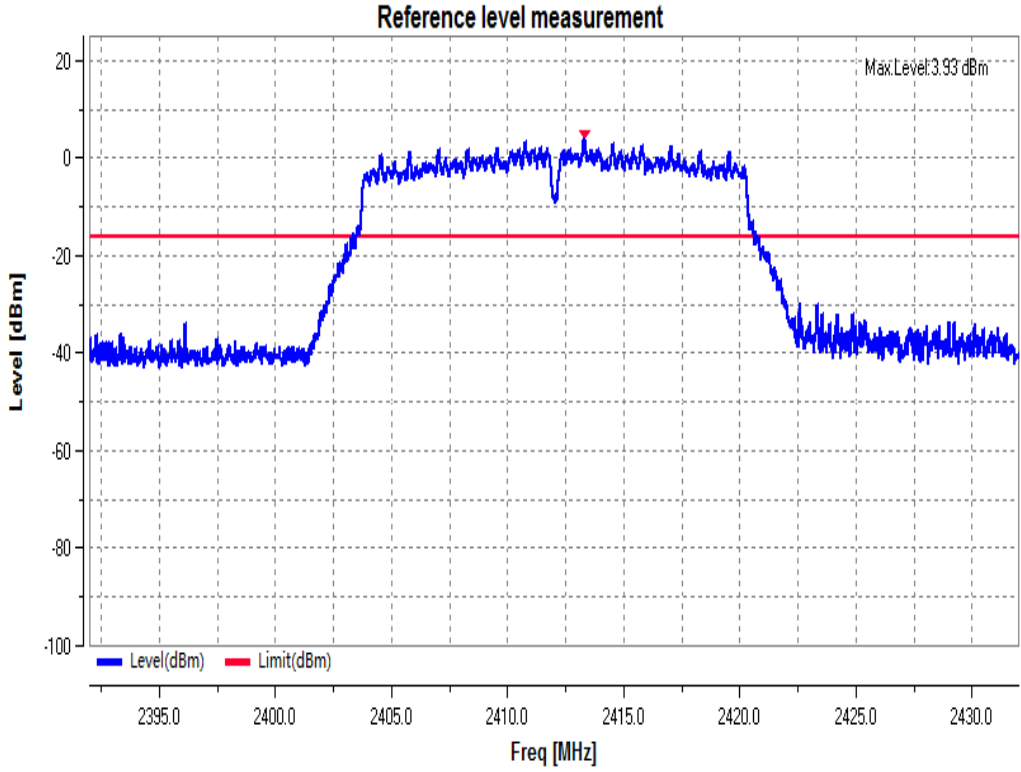


CSE_1

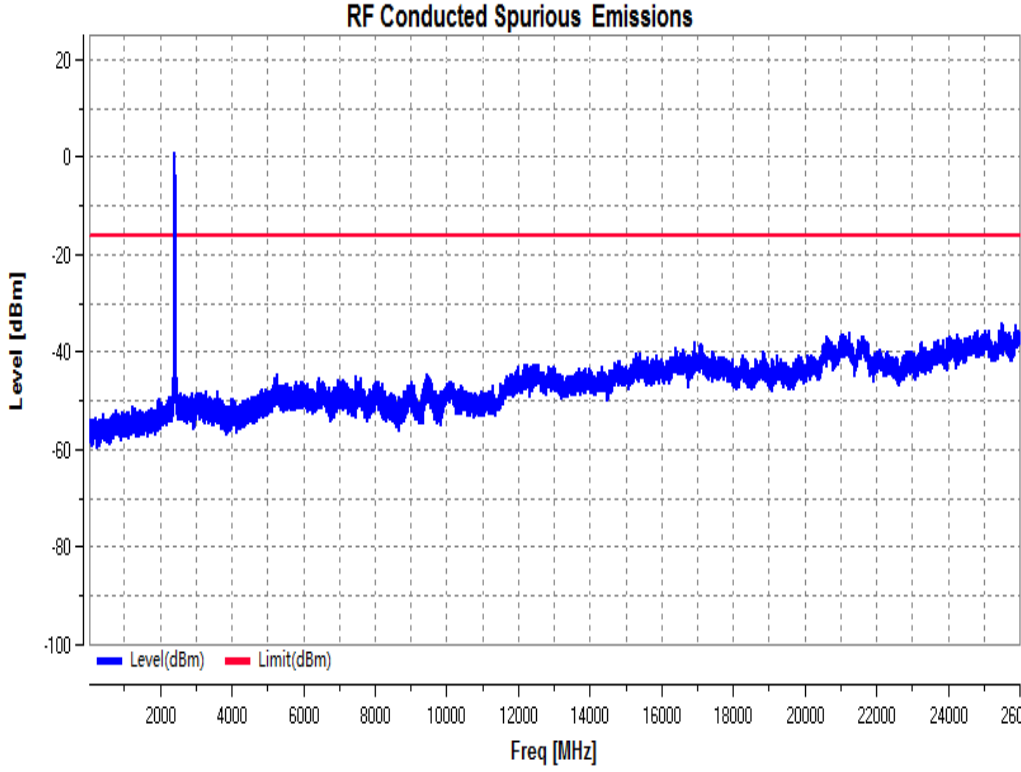


RF Conducted Spurious Emissions_11G_2412

Pref

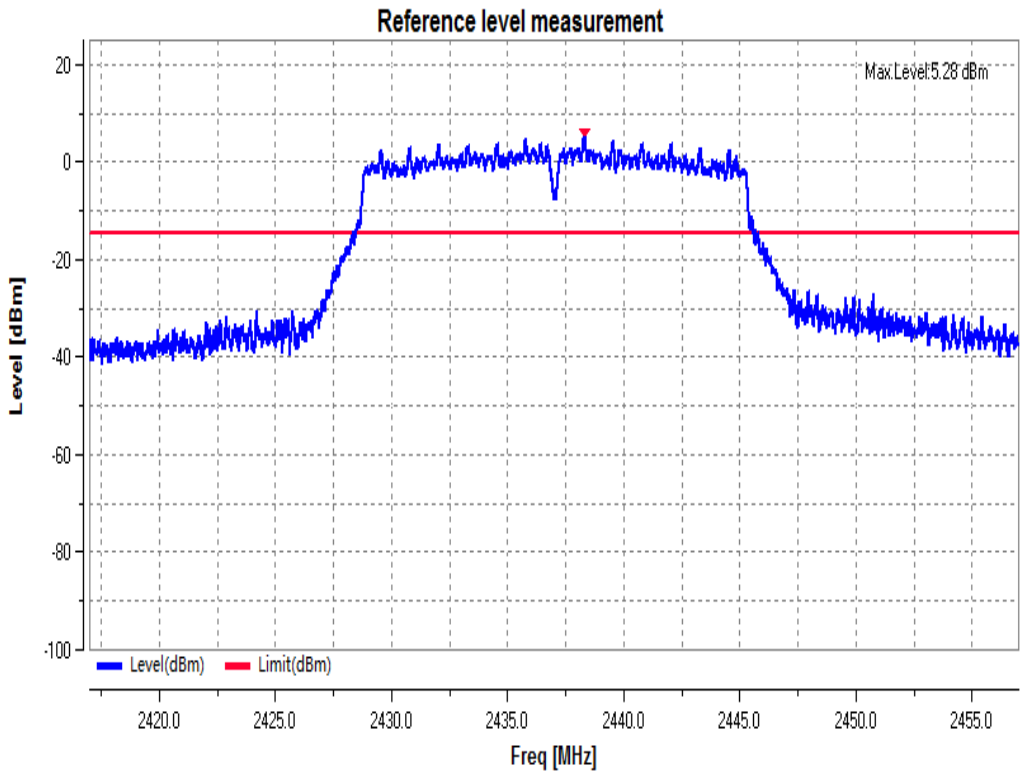


CSE_1

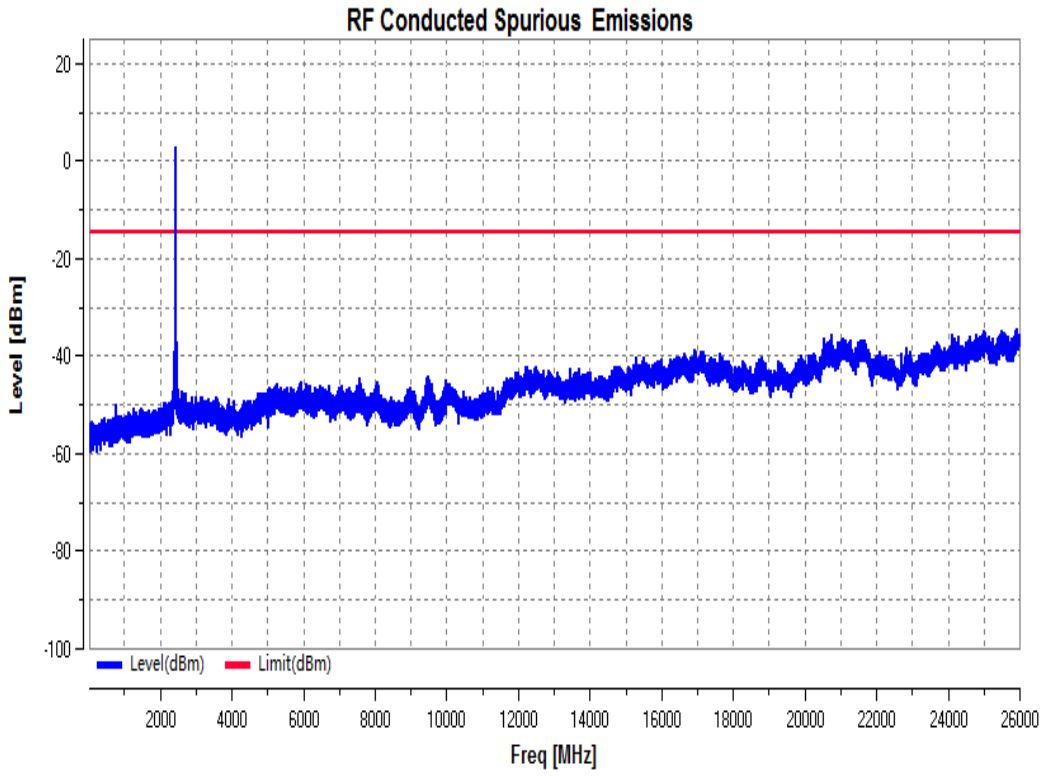


RF Conducted Spurious Emissions_11G_2437

Pref

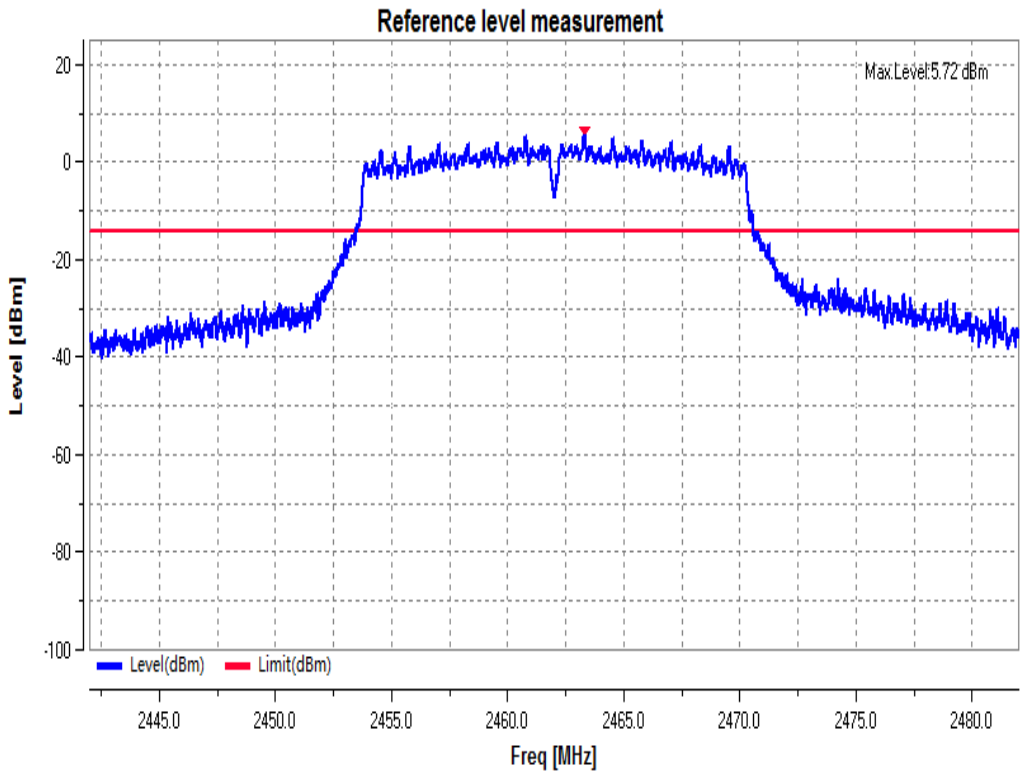


CSE_1

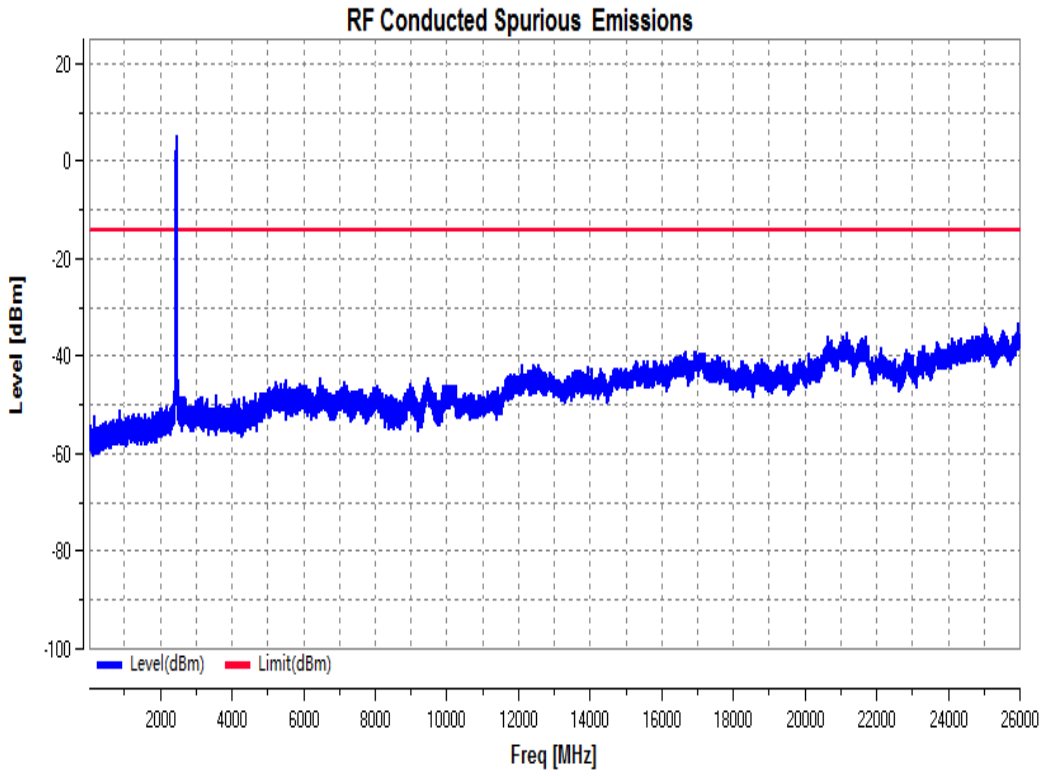


RF Conducted Spurious Emissions_11G_2462

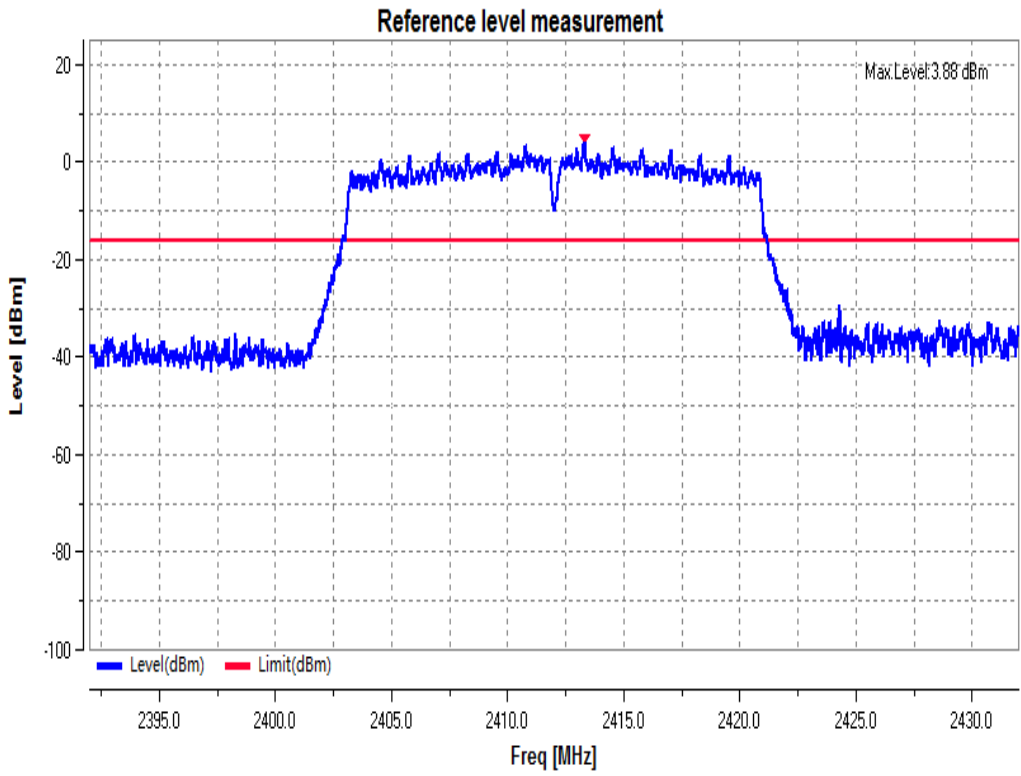
Pref



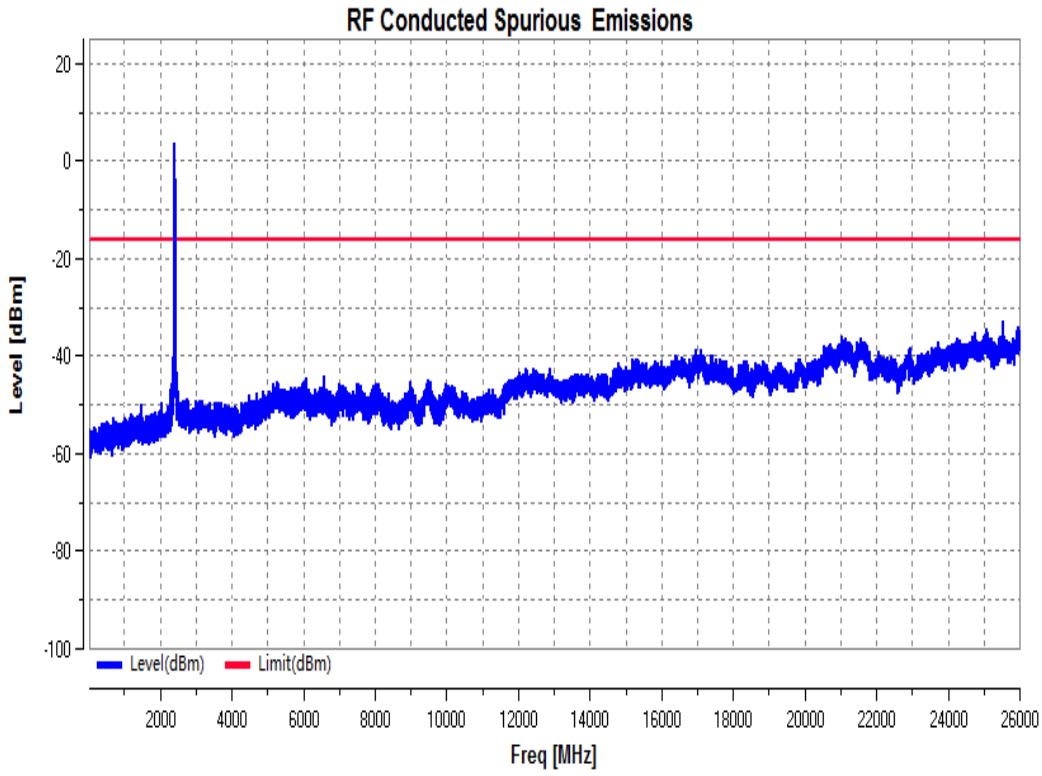
CSE_1



Pref

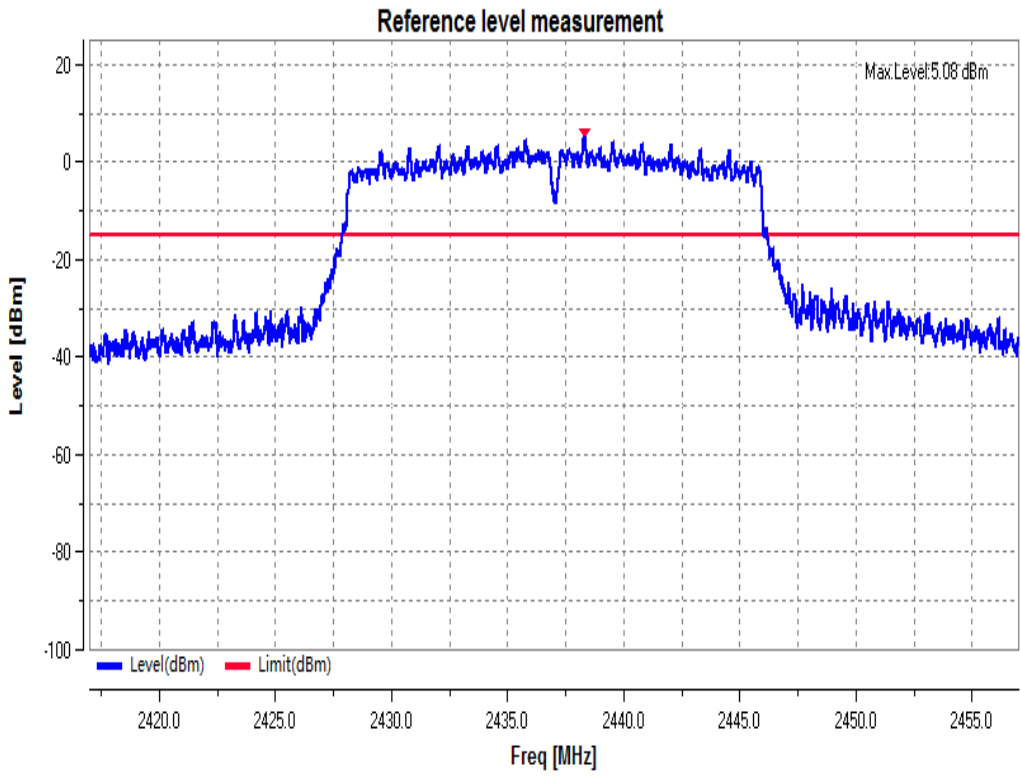


CSE_1

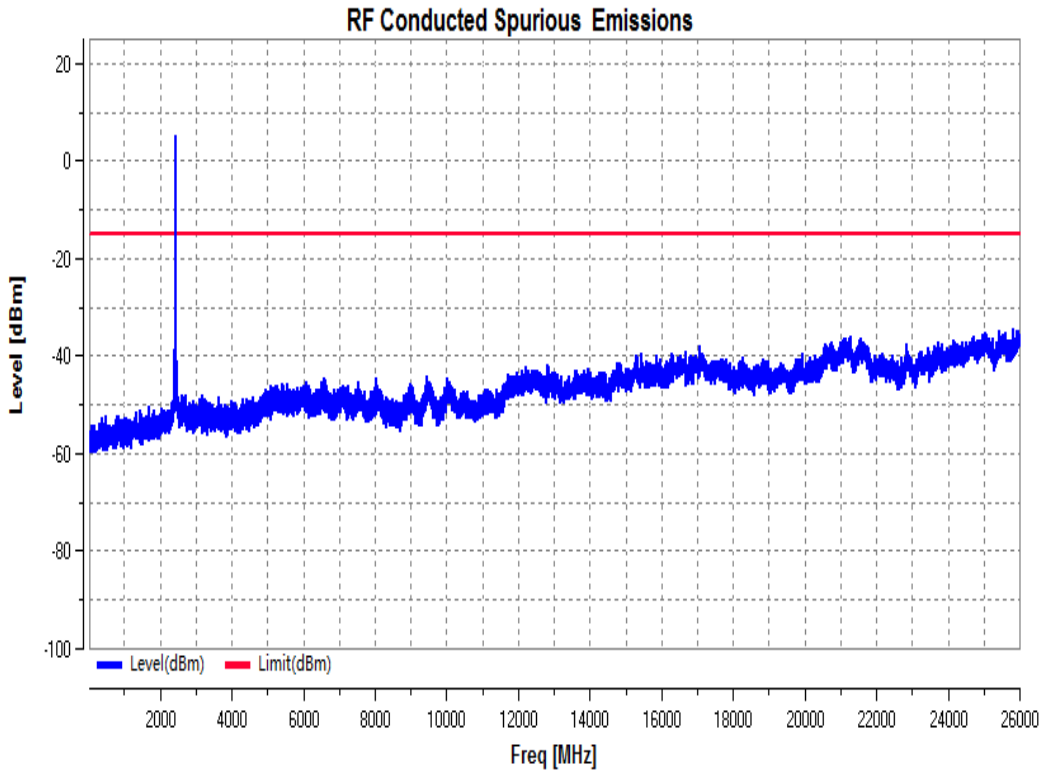


RF Conducted Spurious Emissions_11N20SISO_2437

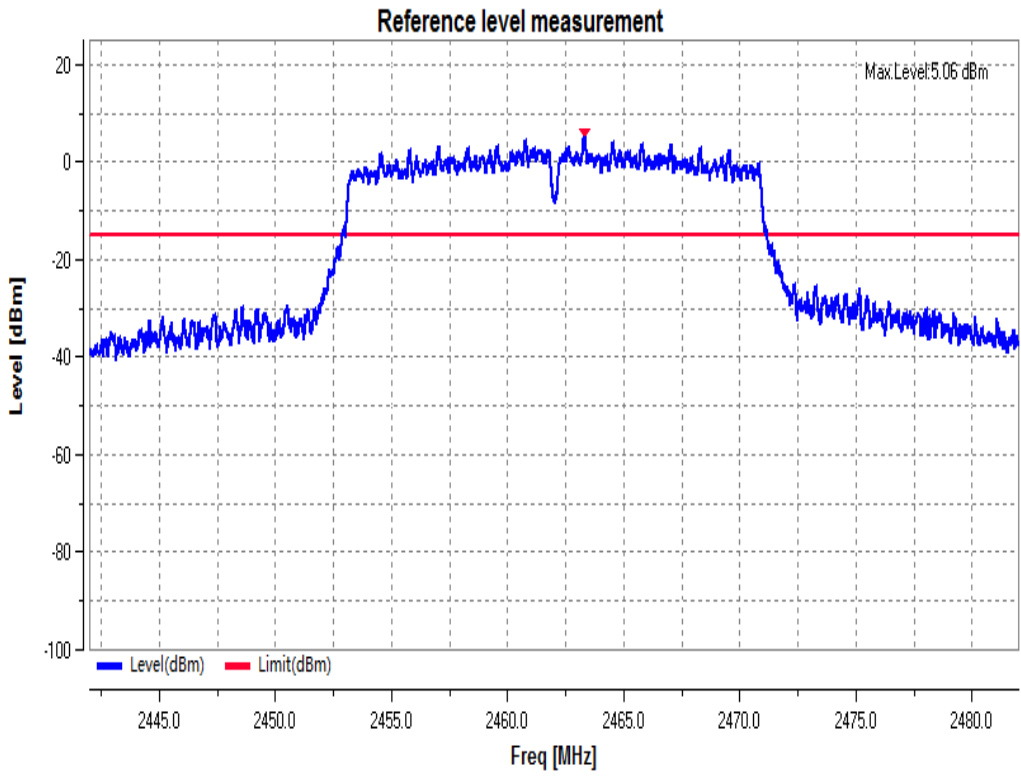
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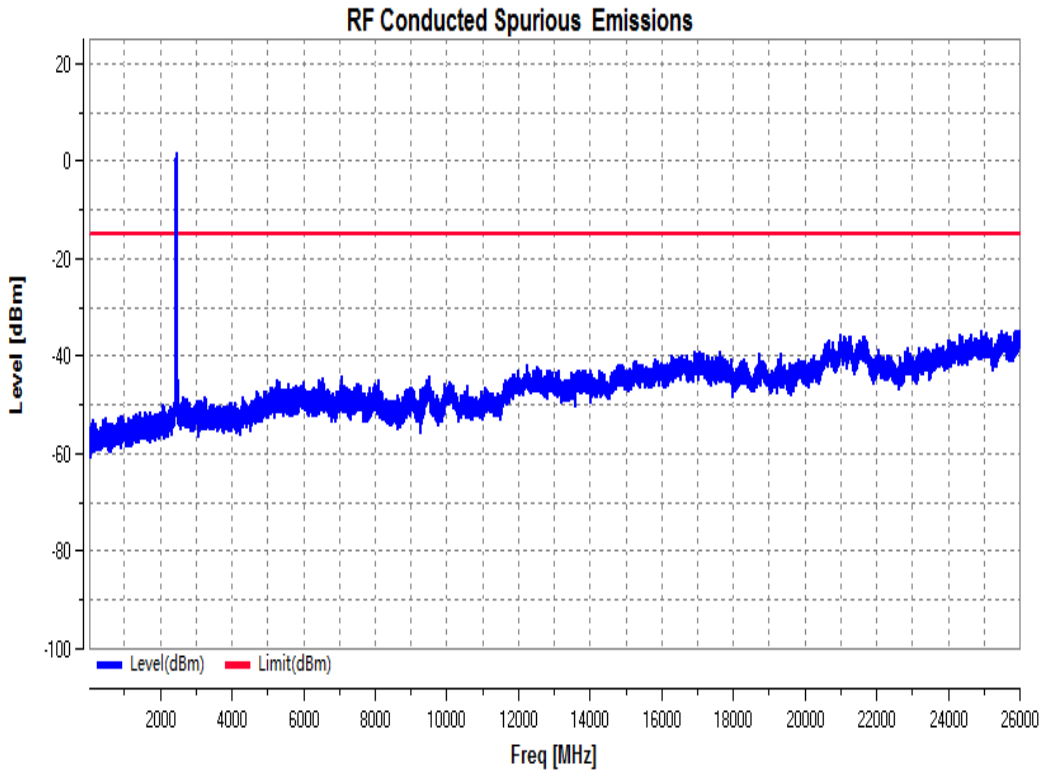
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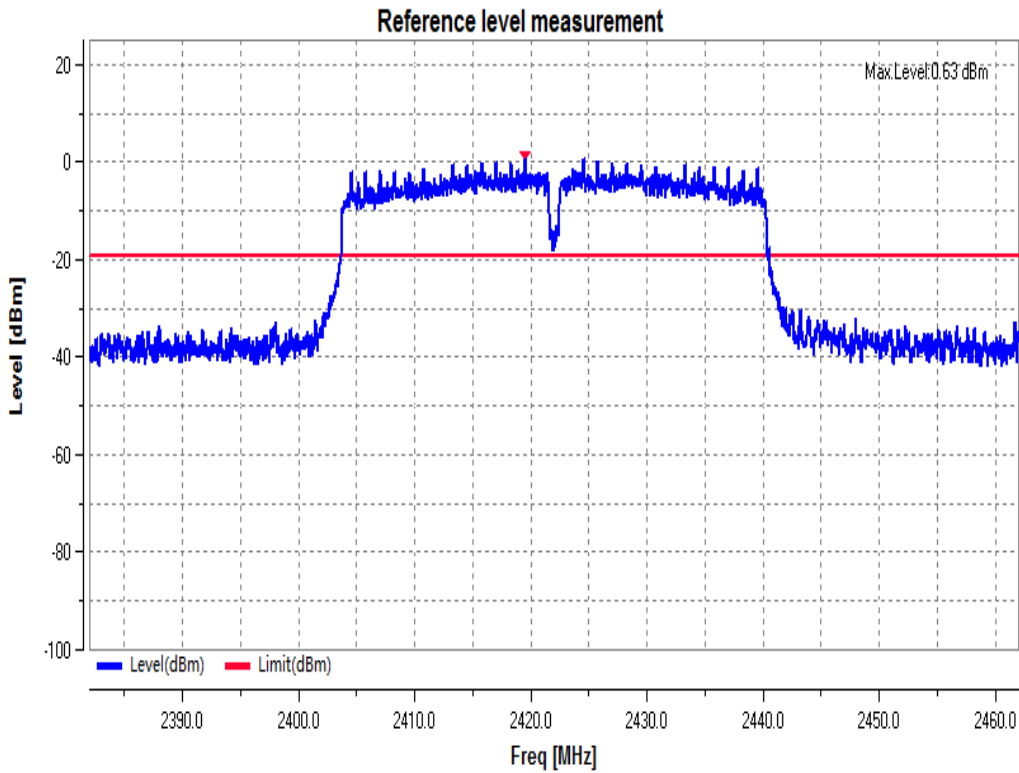
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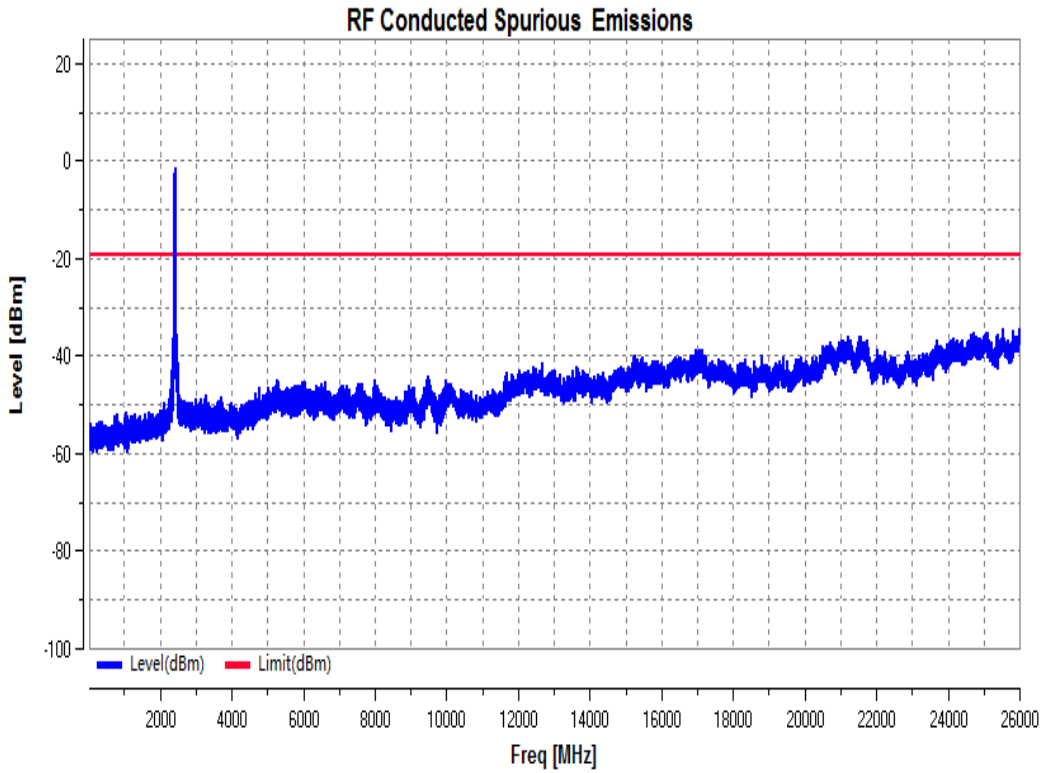
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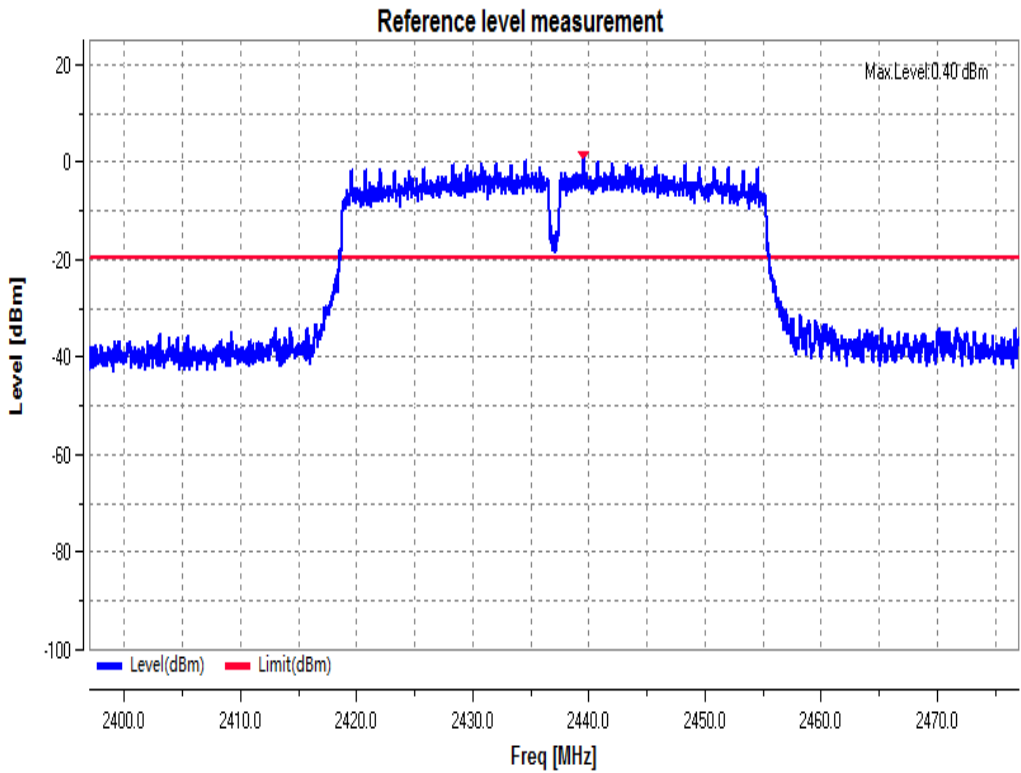
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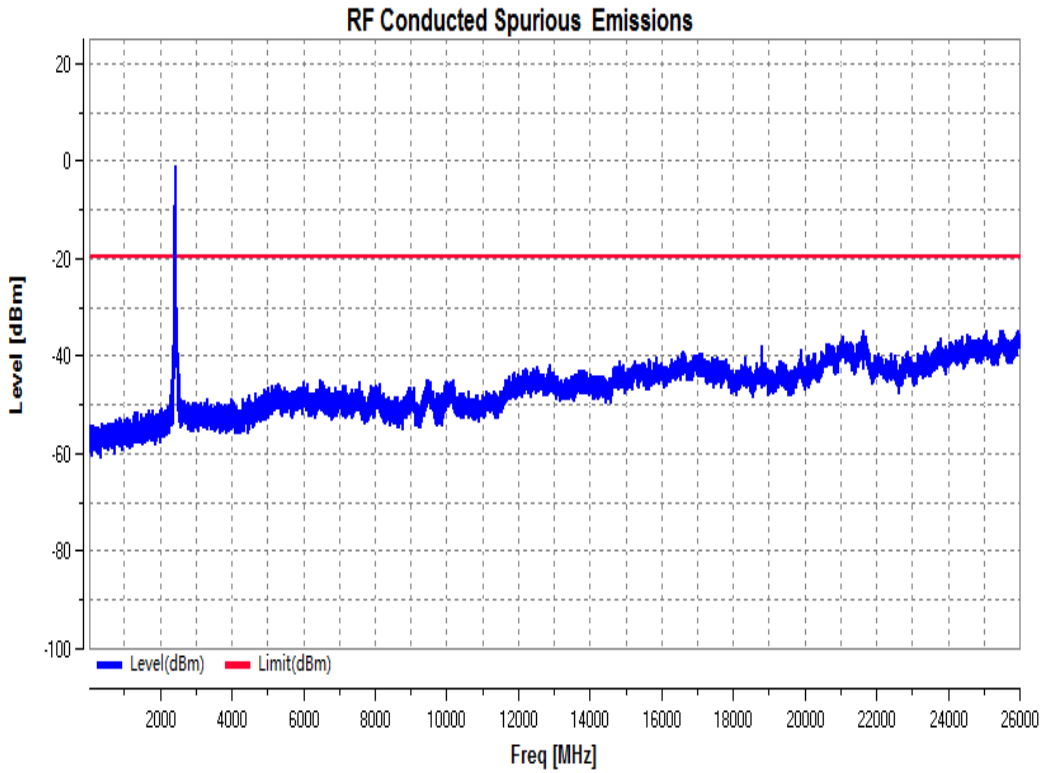
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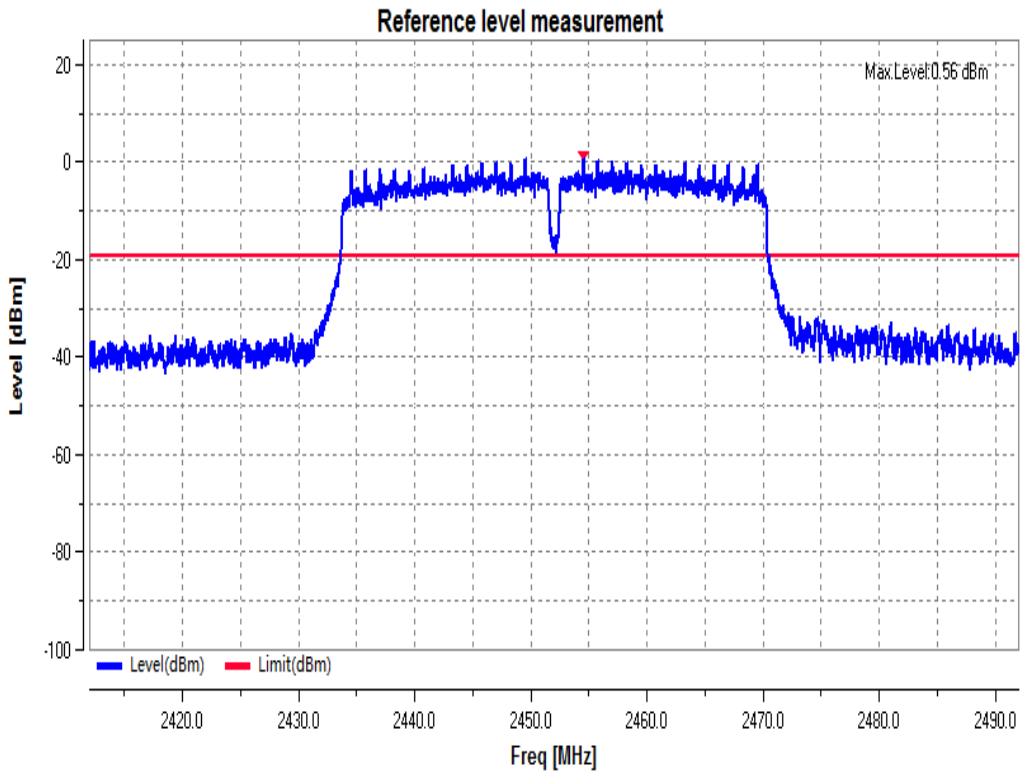
Pref



CSE_1



Pref



CSE_1

