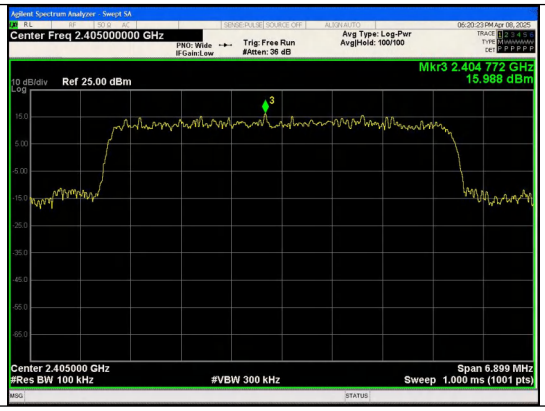
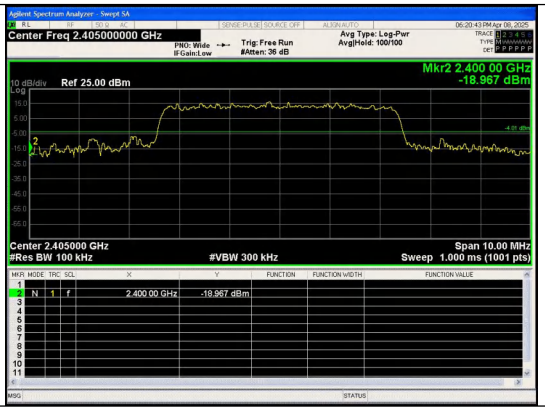
Slot 40M	MIMO	2425	40	0	1	2396.71	-32.301	-16.65	-15.651	PASS
						2400.0	-34.404	-16.65	-17.754	PASS
						4878.5	-54.573	-16.65	-37.923	PASS
						7275.7	-52.549	-16.65	-35.899	PASS
						9704.0	-54.479	-16.65	-37.829	PASS
						24976.9	-41.539	-16.65	-24.889	PASS
		2440	41			4898.52575	-54.976	-17.28	-37.696	PASS
						7329.35525	-52.768	-17.28	-35.488	PASS
						9734.5905	-54.081	-17.28	-36.801	PASS
						24888.8835	-41.161	-17.28	-23.881	PASS
		2450	42			4904.76825	-54.6	-17.39	-37.21	PASS
						7348.08275	-52.102	-17.39	-34.712	PASS
						9779.5365	-54.502	-17.39	-37.112	PASS
						24923.8415	-41.357	-17.39	-23.967	PASS
		2425	40	1		2397.75	-29.639	-14.54	-15.099	PASS
						2400.0	-33.443	-14.54	-18.903	PASS
						4843.0	-53.123	-14.54	-38.583	PASS
						7306.3	-52.633	-14.54	-38.093	PASS
						9706.5	-54.194	-14.54	-39.654	PASS
						24948.2	-42.121	-14.54	-27.581	PASS
		2440	41			4841.719	-53.628	-16.56	-37.068	PASS
						7319.36725	-53.009	-16.56	-36.449	PASS
						9793.89425	-53.913	-16.56	-37.353	PASS
						24990.63625	-41.425	-16.56	-24.865	PASS
		2450	42			4874.18	-54.167	-17.24	-36.927	PASS
						7332.4765	-52.678	-17.24	-35.438	PASS
						9784.5305	-54.656	-17.24	-37.416	PASS
						24998.12725	-42.081	-17.24	-24.841	PASS

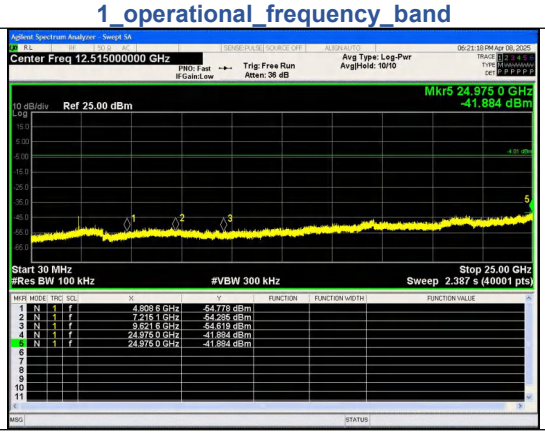
Test Graphs
BR:



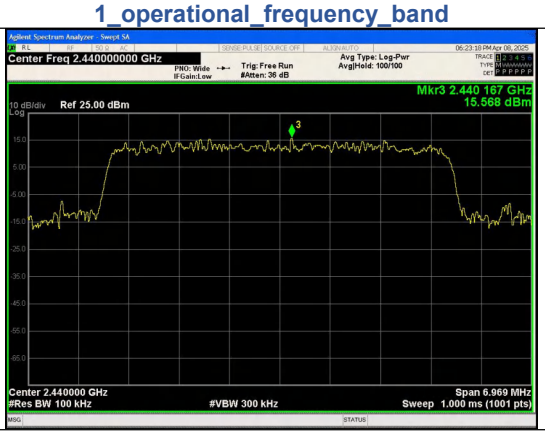
In-Band Reference Level
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



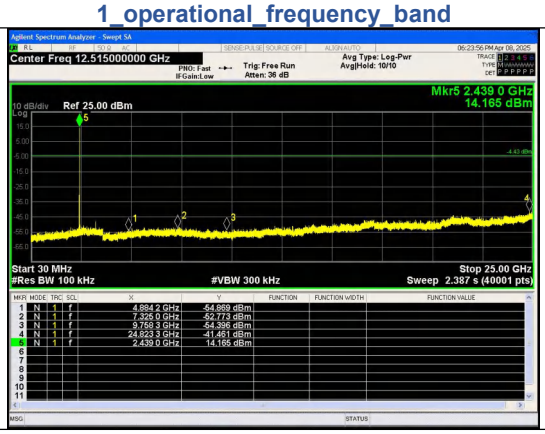
Out Of Band Emission
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



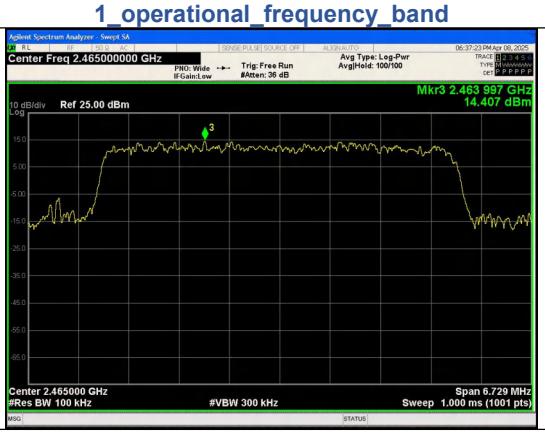
30.0 MHz - 25000.0 MHz
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



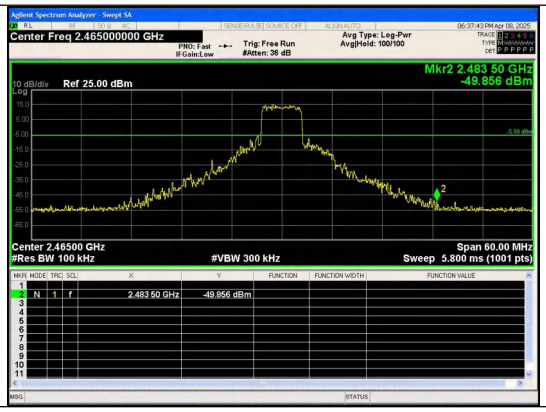
In-Band Reference Level
Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational_frequency_band



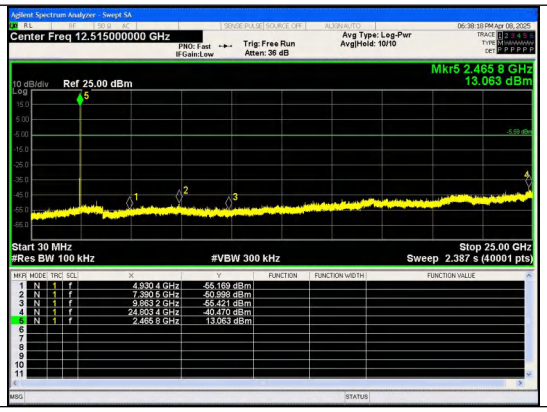
30.0 MHz - 25000.0 MHz
Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational_frequency_band



In-Band Reference Level
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band

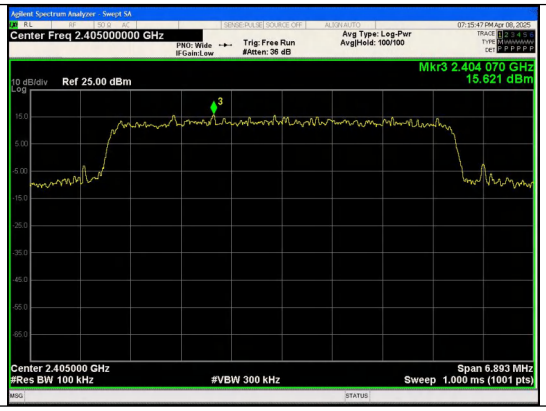


Out Of Band Emission
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band

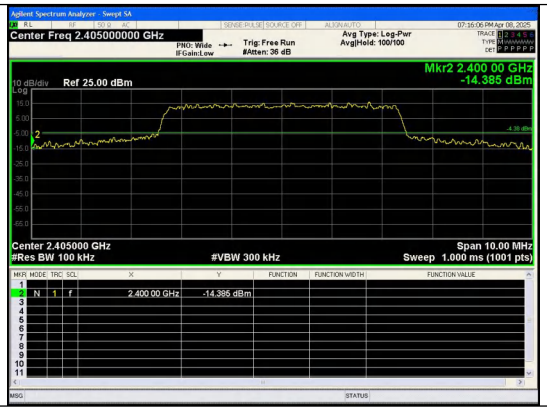


30.0 MHz - 25000.0 MHz
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band

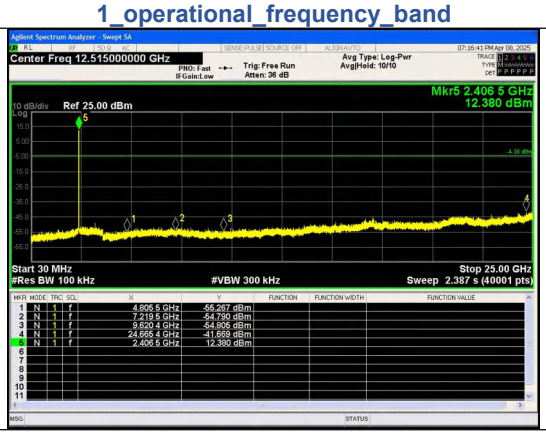
Slot:



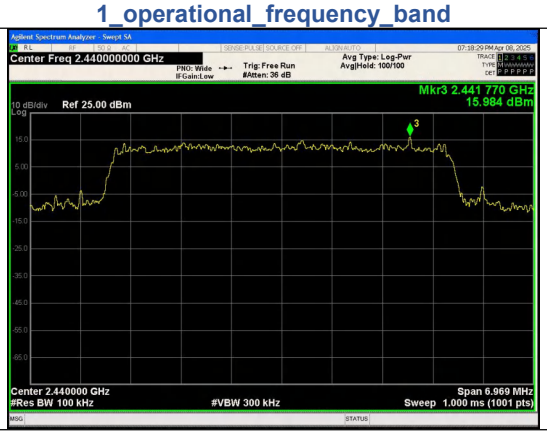
In-Band Reference Level
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



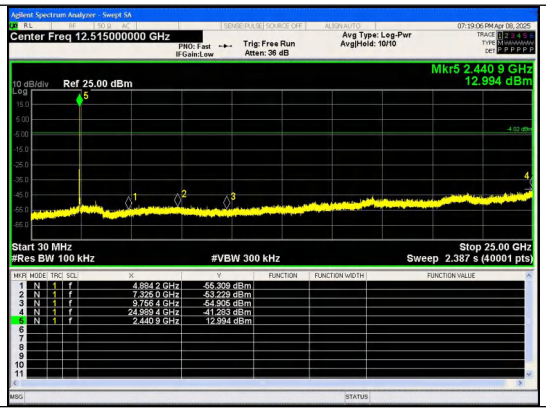
Out Of Band Emission
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



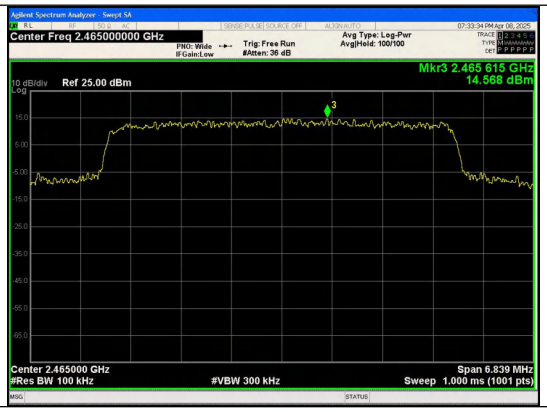
30.0 MHz - 25000.0 MHz
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



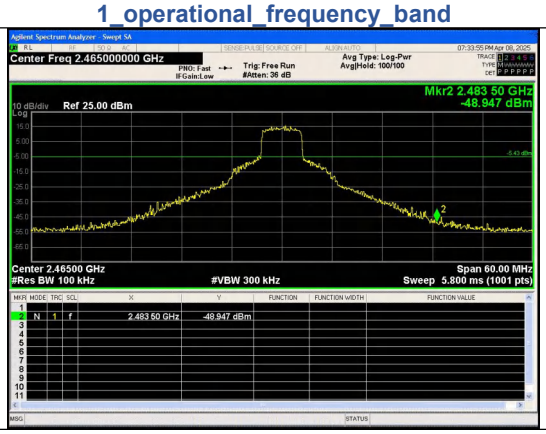
In-Band Reference Level
Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational_frequency_band



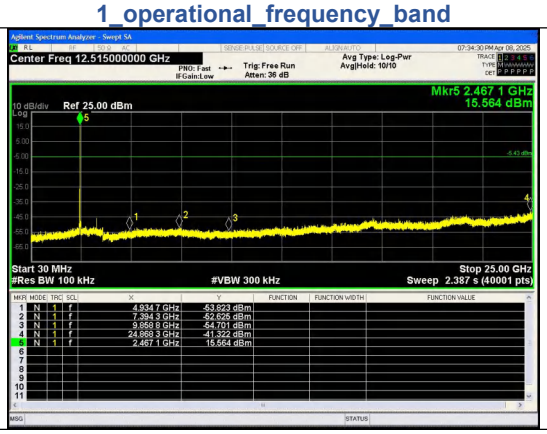
30.0 MHz - 25000.0 MHz
Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational_frequency_band



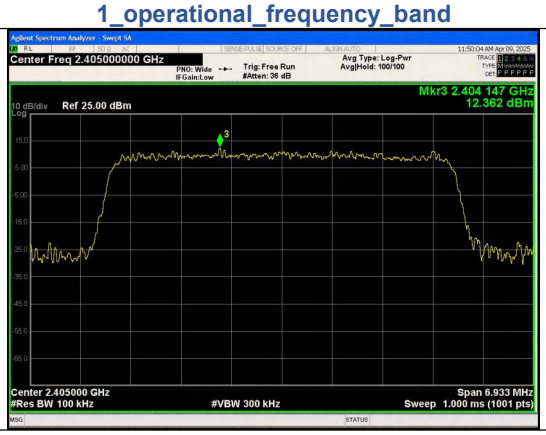
In-Band Reference Level
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band



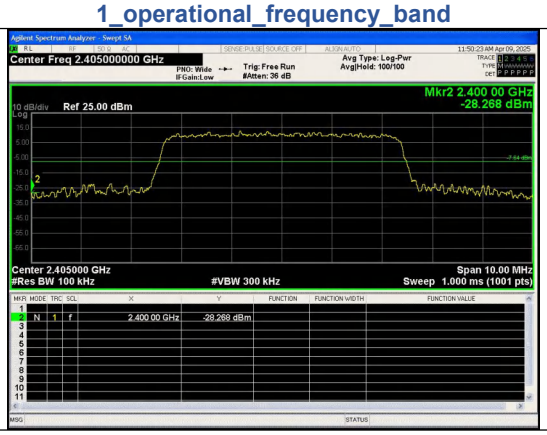
Out Of Band Emission
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band



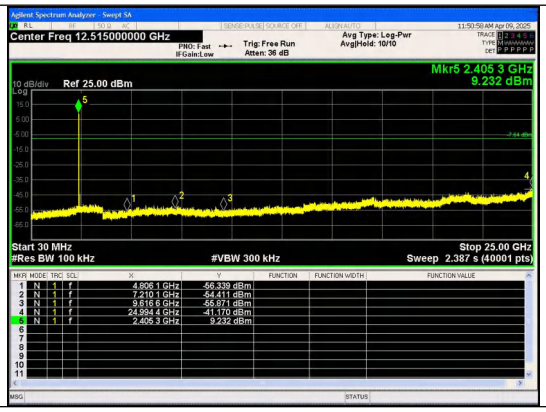
30.0 MHz - 25000.0 MHz
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band



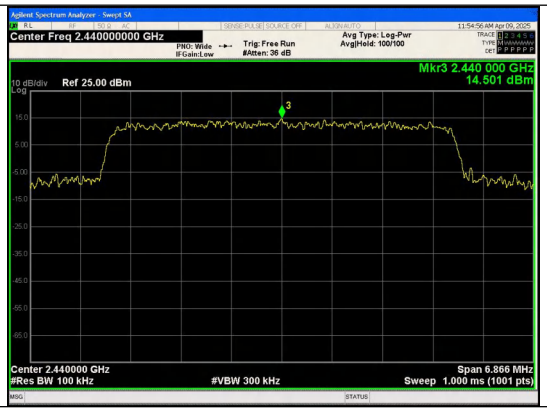
In-Band Reference Level
Channel 0_BW 5_Freq.2405_Ant.1_Mode 1_operational_frequency_band



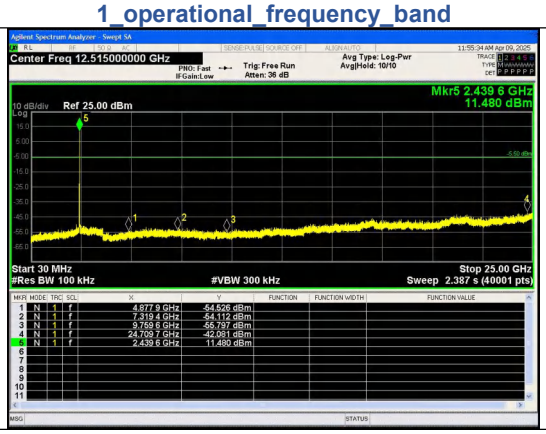
Out Of Band Emission
Channel 0_BW 5_Freq.2405_Ant.1_Mode 1_operational_frequency_band



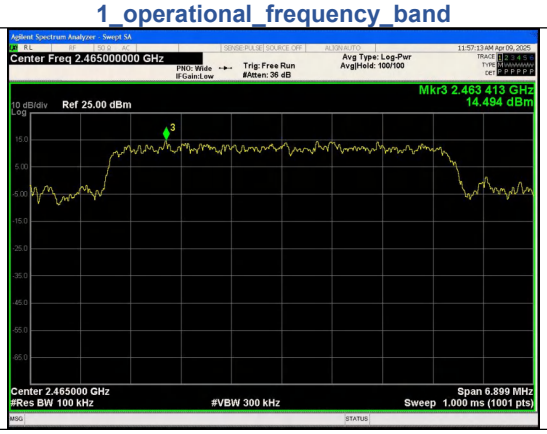
30.0 MHz - 25000.0 MHz
Channel 0_BW 5_Freq.2405_Ant.1_Mode 1_operational_frequency_band



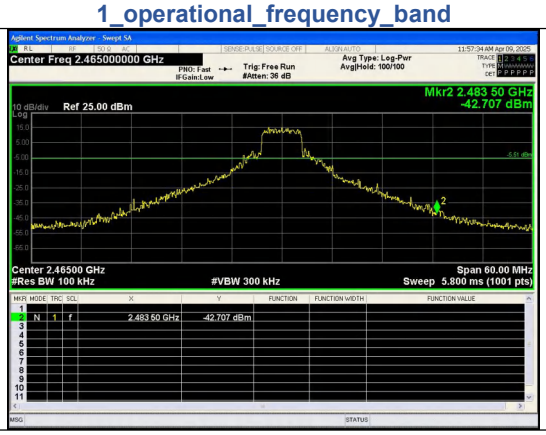
In-Band Reference Level
Channel 1_BW 5_Freq.2440_Ant.1_Mode 1_operational_frequency_band



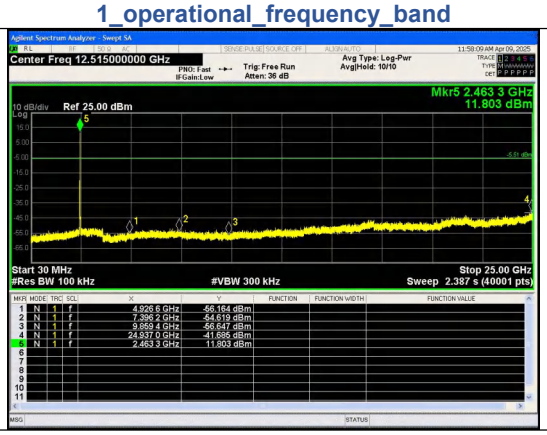
30.0 MHz - 25000.0 MHz
Channel 1_BW 5_Freq.2440_Ant.1_Mode 1_operational_frequency_band



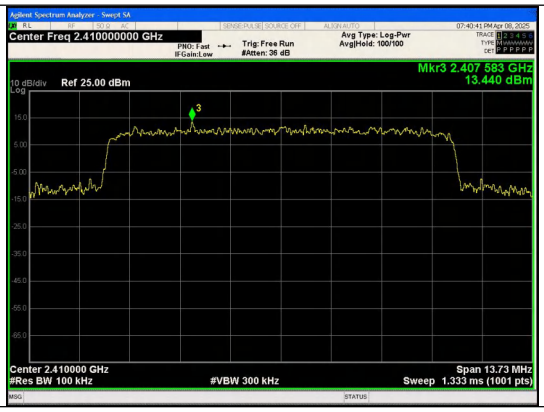
In-Band Reference Level
Channel 2_BW 5_Freq.2465_Ant.1_Mode 1_operational_frequency_band



Out Of Band Emission
Channel 2_BW 5_Freq.2465_Ant.1_Mode 1_operational_frequency_band

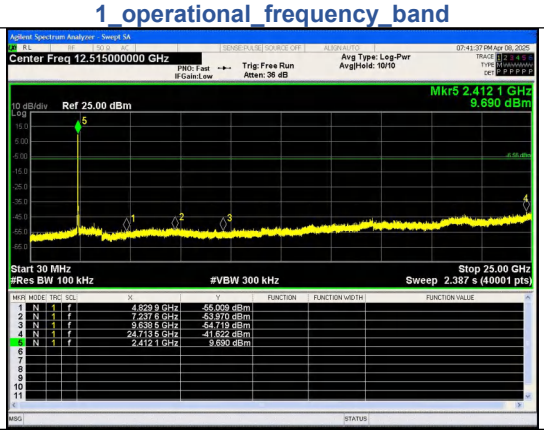


30.0 MHz - 25000.0 MHz
Channel 2_BW 5_Freq.2465_Ant.1_Mode 1_operational_frequency_band

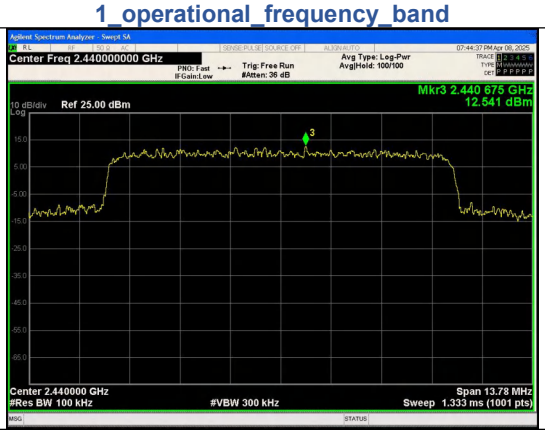


In-Band Reference Level
Channel 10_BW 10_Freq.2410_Ant.0_Mode 1_operational_frequency_band

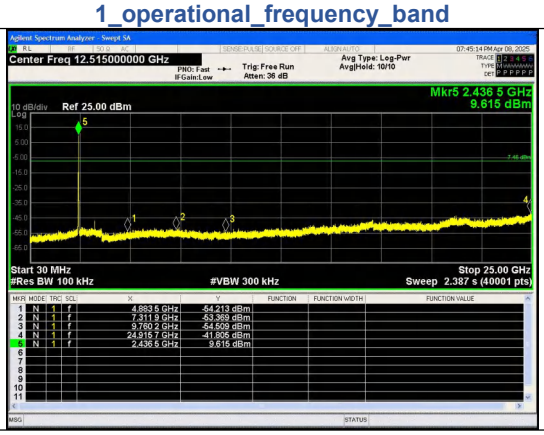
Out Of Band Emission
Channel 10_BW 10_Freq.2410_Ant.0_Mode 1_operational_frequency_band



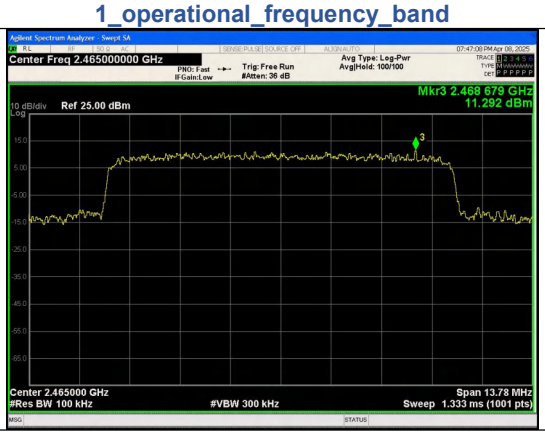
30.0 MHz - 25000.0 MHz
Channel 10_BW 10_Freq.2410_Ant.0_Mode 1_operational_frequency_band



In-Band Reference Level
Channel 11_BW 10_Freq.2440_Ant.0_Mode 1_operational_frequency_band

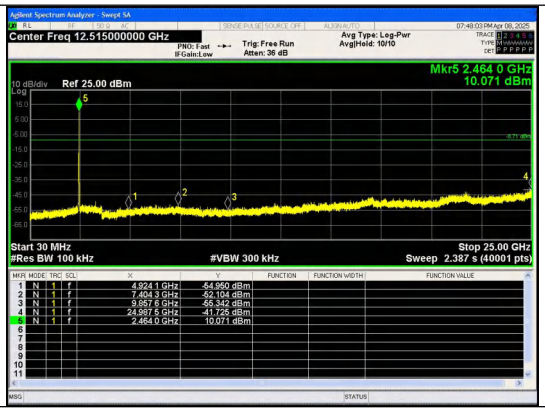


30.0 MHz - 25000.0 MHz
Channel 11_BW 10_Freq.2440_Ant.0_Mode 1_operational_frequency_band

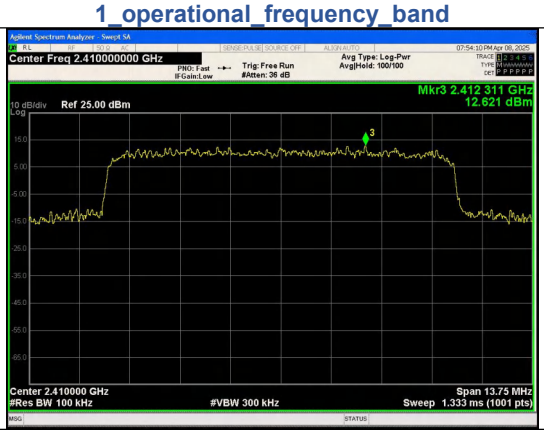


In-Band Reference Level
Channel 12_BW 10_Freq.2465_Ant.0_Mode 1_operational_frequency_band

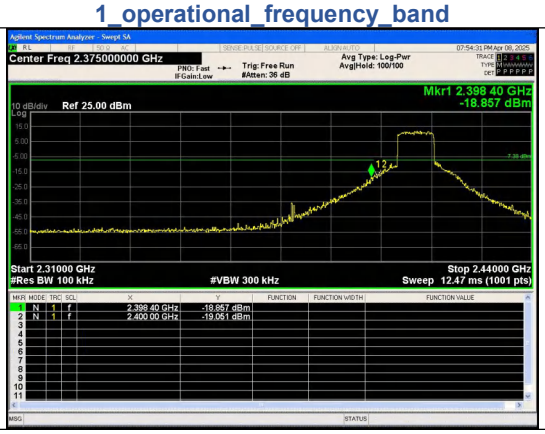
Out Of Band Emission
Channel 12_BW 10_Freq.2465_Ant.0_Mode 1_operational_frequency_band



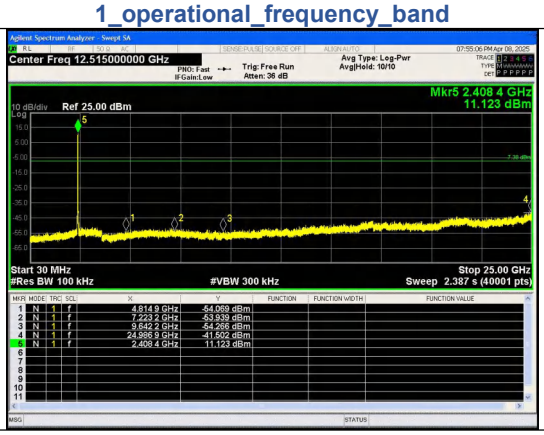
30.0 MHz - 25000.0 MHz
Channel 12_BW 10_Freq.2465_Ant.0_Mode 1_operational_frequency_band



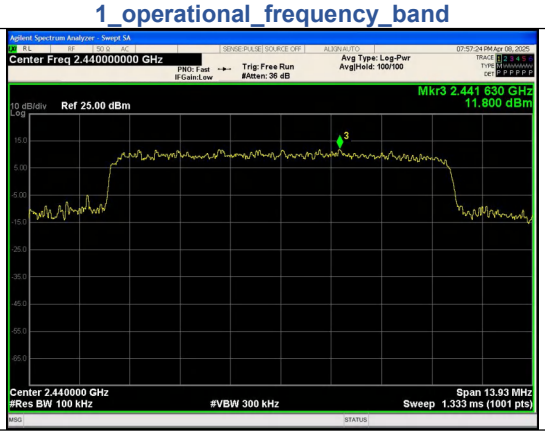
In-Band Reference Level
Channel 10_BW 10_Freq.2410_Ant.1_Mode 1_operational_frequency_band



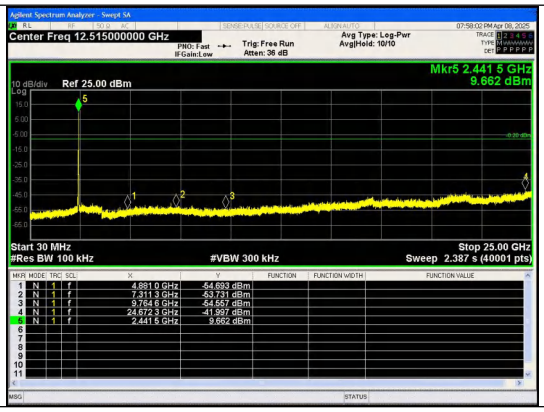
Out Of Band Emission
Channel 10_BW 10_Freq.2410_Ant.1_Mode 1_operational_frequency_band



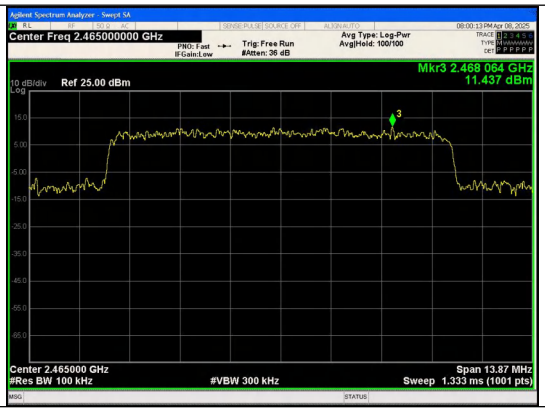
30.0 MHz - 25000.0 MHz
Channel 10_BW 10_Freq.2410_Ant.1_Mode 1_operational_frequency_band



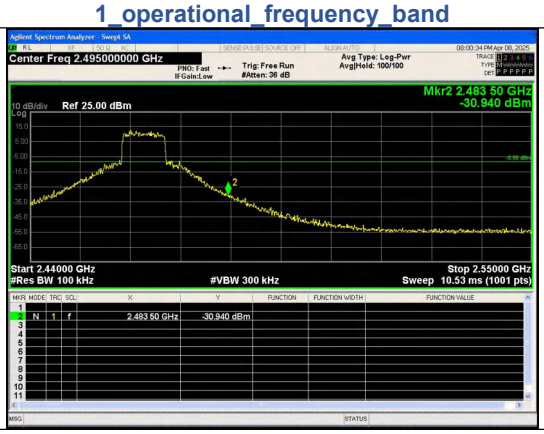
In-Band Reference Level
Channel 11_BW 10_Freq.2440_Ant.1_Mode 1_operational_frequency_band



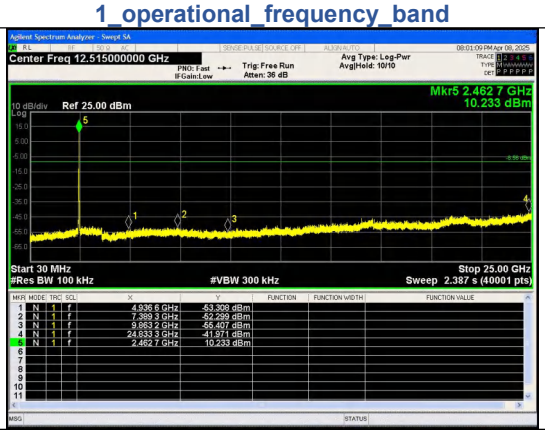
30.0 MHz - 25000.0 MHz
Channel 11_BW 10_Freq.2440_Ant.1_Mode 1_operational_frequency_band



In-Band Reference Level
Channel 12_BW 10_Freq.2465_Ant.1_Mode 1_operational_frequency_band



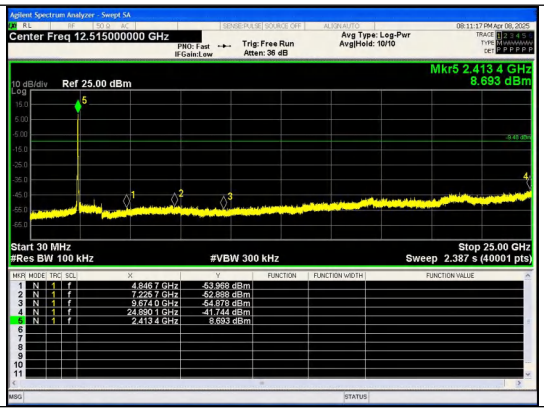
Out Of Band Emission
Channel 12_BW 10_Freq.2465_Ant.1_Mode 1_operational_frequency_band



30.0 MHz - 25000.0 MHz
Channel 12_BW 10_Freq.2465_Ant.1_Mode 1_operational_frequency_band

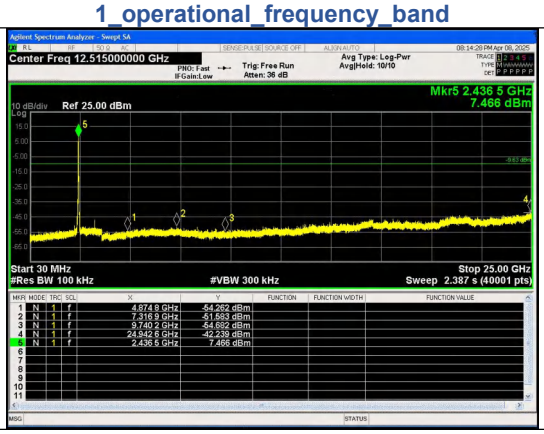
In-Band Reference Level
Channel 20_BW 20_Freq.2415_Ant.0_Mode 1_operational_frequency_band

Out Of Band Emission
Channel 20_BW 20_Freq.2415_Ant.0_Mode 1_operational_frequency_band

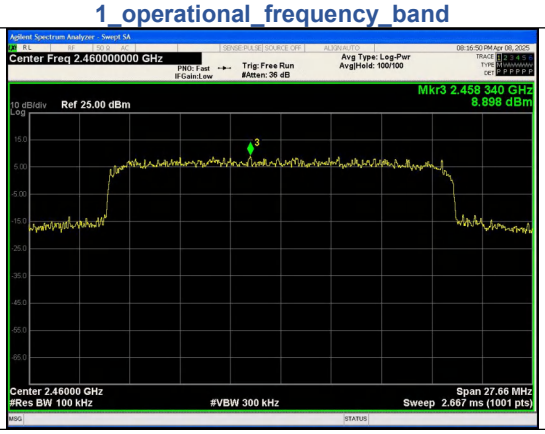


30.0 MHz - 25000.0 MHz
Channel 20_BW 20_Freq.2415_Ant.0_Mode 1_operational_frequency_band

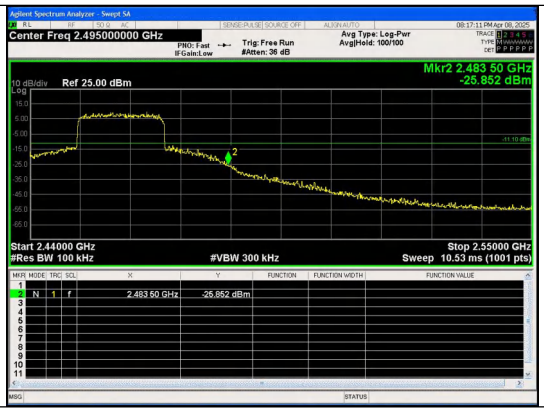
In-Band Reference Level
Channel 21_BW 20_Freq.2440_Ant.0_Mode 1_operational_frequency_band



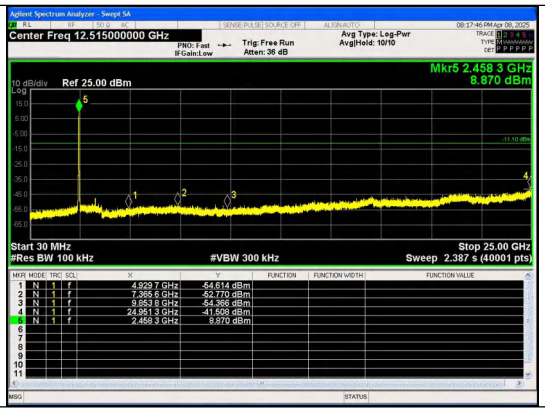
30.0 MHz - 25000.0 MHz
Channel 21_BW 20_Freq.2440_Ant.0_Mode 1_operational_frequency_band



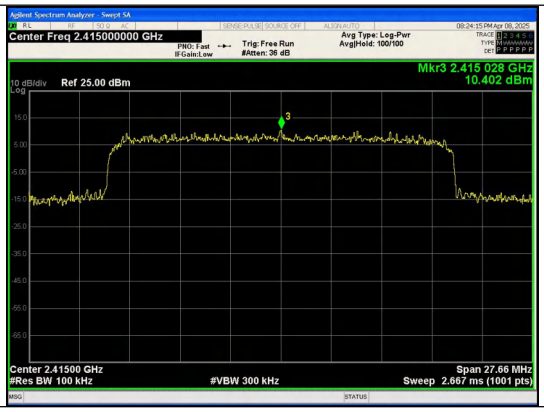
In-Band Reference Level
Channel 22_BW 20_Freq.2460_Ant.0_Mode 1_operational_frequency_band



Out Of Band Emission
Channel 22_BW 20_Freq.2460_Ant.0_Mode 1_operational_frequency_band

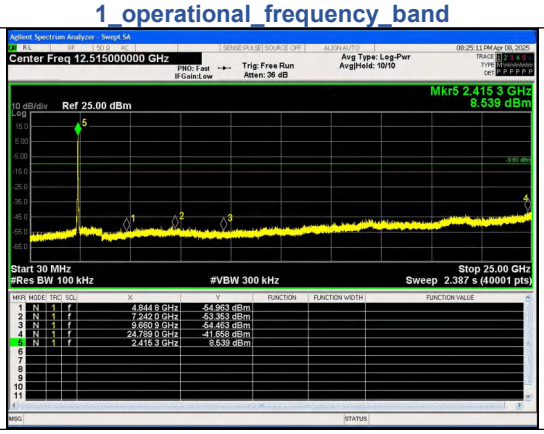


30.0 MHz - 25000.0 MHz
Channel 22_BW 20_Freq.2460_Ant.0_Mode 1_operational_frequency_band

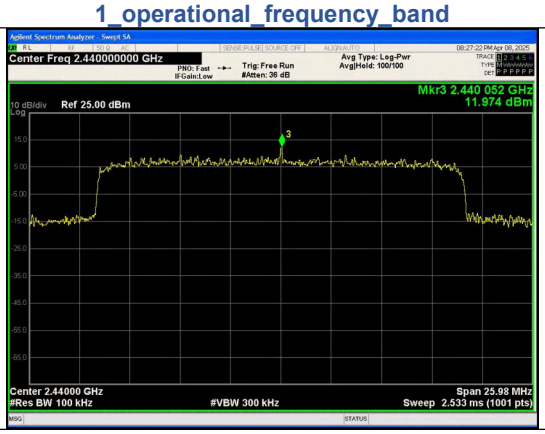


In-Band Reference Level
Channel 20_BW 20_Freq.2415_Ant.1_Mode 1_operational_frequency_band

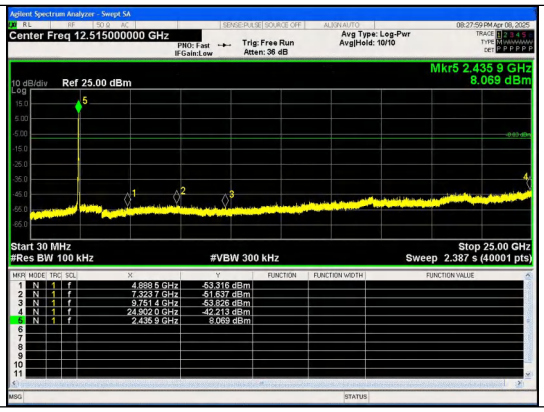
Out Of Band Emission
Channel 20_BW 20_Freq.2415_Ant.1_Mode 1_operational_frequency_band



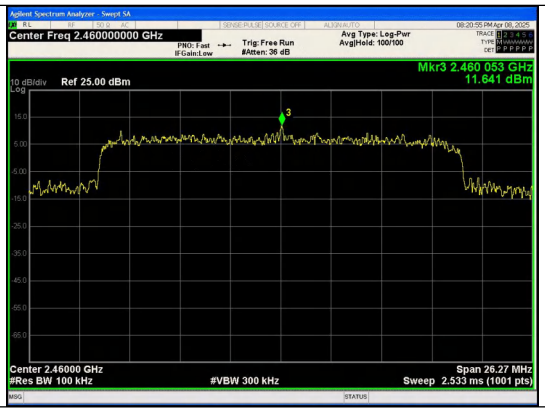
30.0 MHz - 25000.0 MHz
Channel 20_BW 20_Freq.2415_Ant.1_Mode 1_operational_frequency_band



In-Band Reference Level
Channel 21_BW 20_Freq.2440_Ant.1_Mode 1_operational_frequency_band

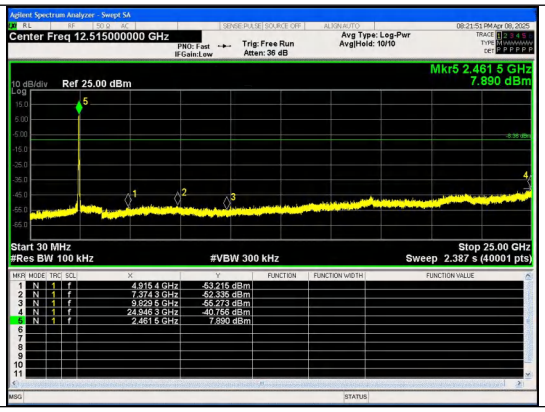


30.0 MHz - 25000.0 MHz
Channel 21_BW 20_Freq.2440_Ant.1_Mode 1_operational_frequency_band

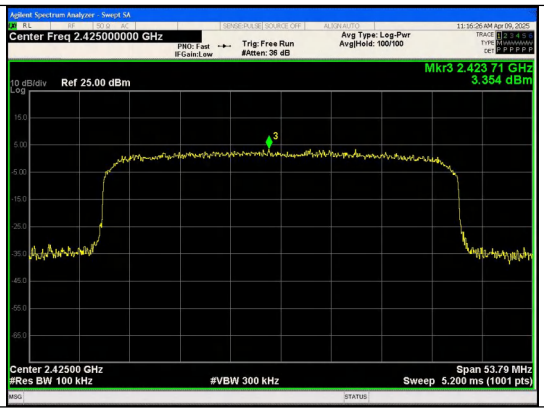


In-Band Reference Level
Channel 22_BW 20_Freq.2460_Ant.1_Mode 1_operational_frequency_band

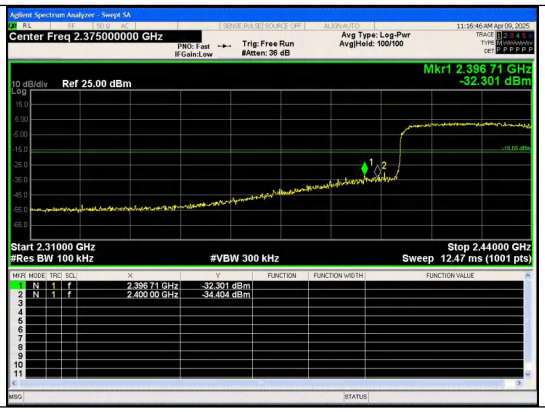
Out Of Band Emission
Channel 22_BW 20_Freq.2460_Ant.1_Mode 1_operational_frequency_band



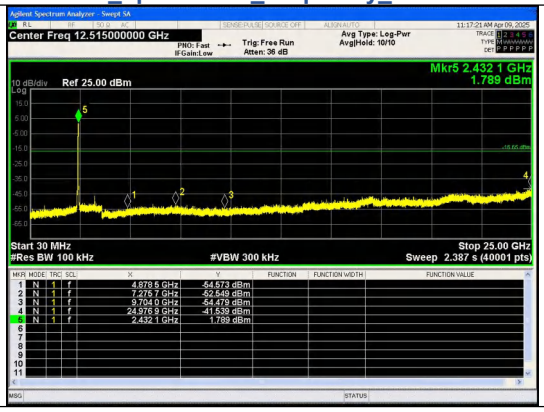
30.0 MHz - 25000.0 MHz
Channel 22_BW 20_Freq.2460_Ant.1_Mode 1_operational_frequency_band



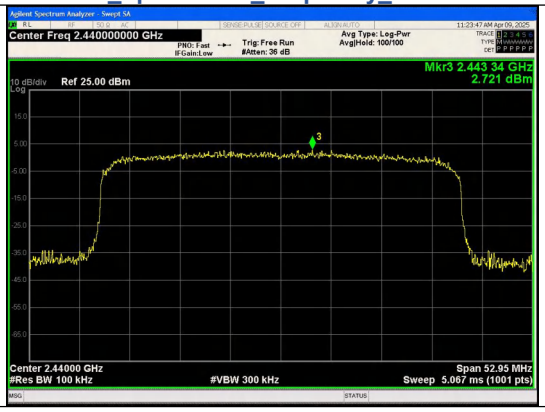
In-Band Reference Level
Channel 40_BW 40_Freq.2425_Ant.0_Mode 1_operational_frequency_band



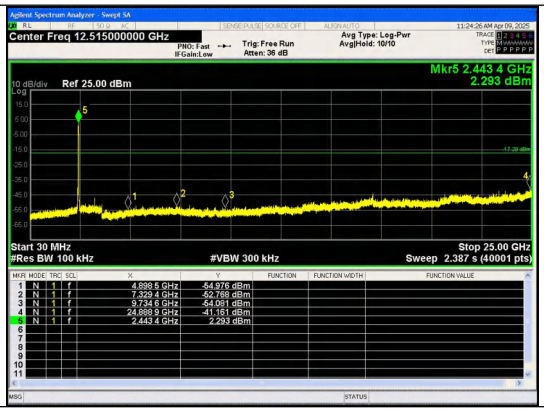
Out Of Band Emission
Channel 40_BW 40_Freq.2425_Ant.0_Mode 1_operational_frequency_band



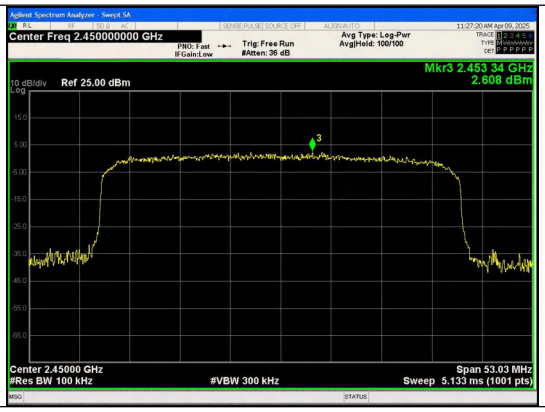
30.0 MHz - 25000.0 MHz
Channel 40_BW 40_Freq.2425_Ant.0_Mode 1_operational_frequency_band



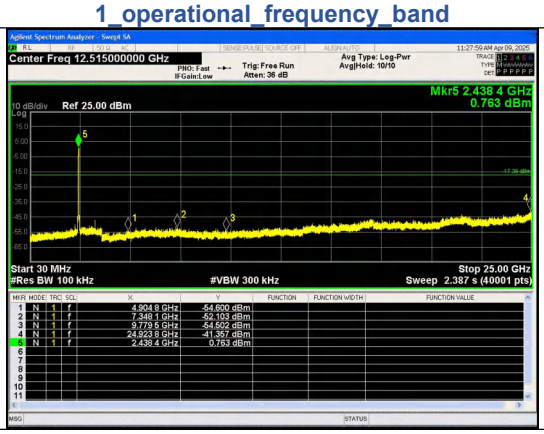
In-Band Reference Level
Channel 41_BW 40_Freq.2440_Ant.0_Mode 1_operational_frequency_band



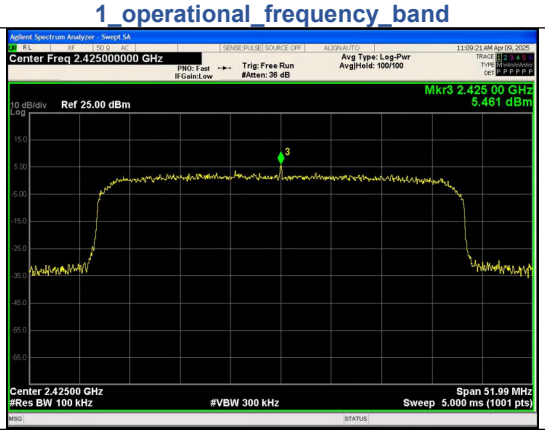
30.0 MHz - 25000.0 MHz
Channel 41_BW 40_Freq.2440_Ant.0_Mode 1_operational_frequency_band



In-Band Reference Level
Channel 42_BW 40_Freq.2450_Ant.0_Mode 1_operational_frequency_band

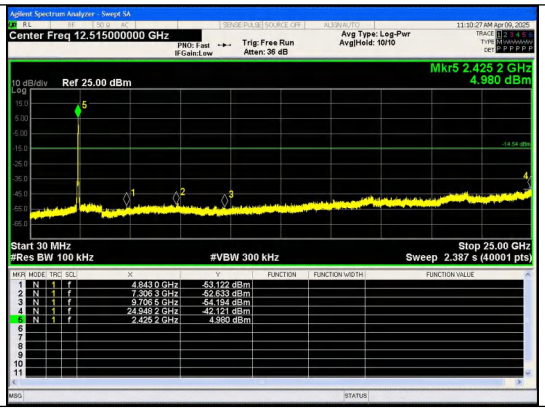


30.0 MHz - 25000.0 MHz
Channel 42_BW 40_Freq.2450_Ant.0_Mode 1_operational_frequency_band

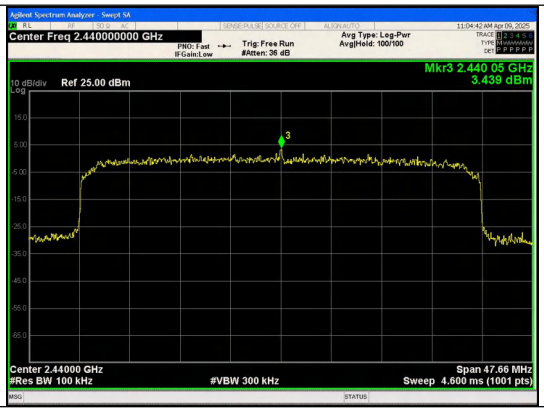


In-Band Reference Level
Channel 40_BW 40_Freq.2425_Ant.1_Mode 1_operational_frequency_band

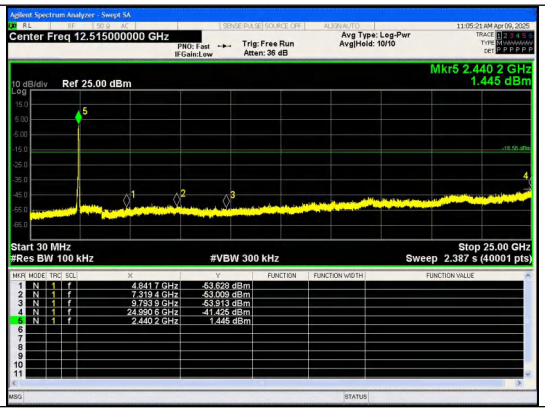
Out Of Band Emission
Channel 40_BW 40_Freq.2425_Ant.1_Mode 1_operational_frequency_band



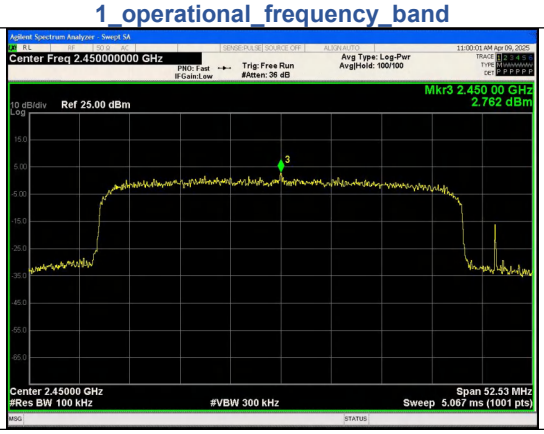
30.0 MHz - 25000.0 MHz
Channel 40_BW 40_Freq.2425_Ant.1_Mode 1_operational_frequency_band



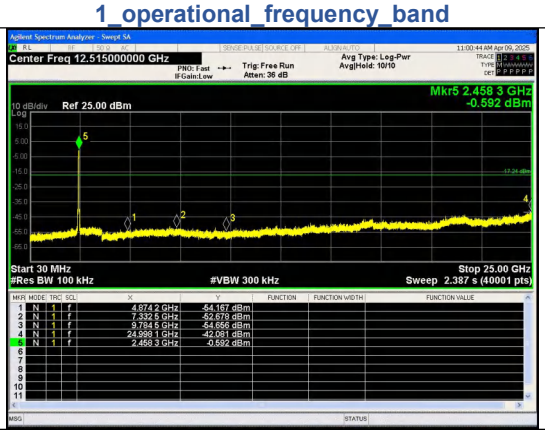
In-Band Reference Level
Channel 41_BW 40_Freq.2440_Ant.1_Mode 1_operational_frequency_band



30.0 MHz - 25000.0 MHz
Channel 41_BW 40_Freq.2440_Ant.1_Mode 1_operational_frequency_band



In-Band Reference Level
Channel 42_BW 40_Freq.2450_Ant.1_Mode 1_operational_frequency_band



30.0 MHz - 25000.0 MHz
Channel 42_BW 40_Freq.2450_Ant.1_Mode 1_operational_frequency_band

6. POWER SPECTRAL DENSITY

6.1 LIMIT

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

6.2 TEST PROCEDURE

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Set the spectrum analyzer as follows:

Center frequency	DTS Channel center frequency
RBW:	3 kHz ≤ RBW ≤ 100 kHz
VBW:	≥ 3RBW
Span	1.5 times the DTS bandwidth
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude level within the RBW

(4) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

6.3 TEST SETUP

6.4 TEST RESULTS

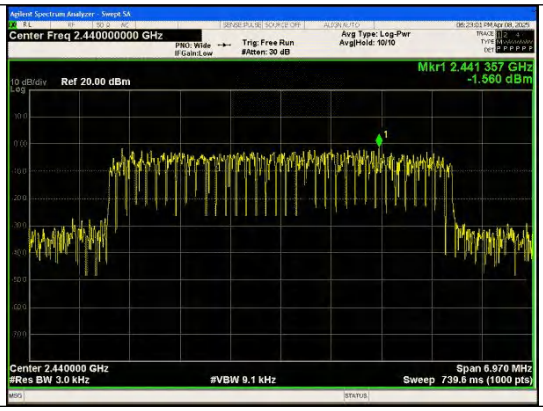
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT0	Limit	
BR 5M	SISO	2405	-0.172	<=8	PASS
		2440	-1.56	<=8	PASS
		2465	0.757	<=8	PASS

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT0	ANT0	MIMO	Limit	
Slot 5M	MIMO	2405	-0.134	-1.437	2.273	<=8	PASS
		2440	-1.946	3.552	4.631	<=8	PASS
		2465	-0.867	2.784	4.342	<=8	PASS
Slot 10M	MIMO	2410	-0.906	1.044	3.188	<=8	PASS
		2440	-0.753	1.036	3.243	<=8	PASS
		2465	-0.802	1.988	3.824	<=8	PASS
Slot 20M	MIMO	2415	-4.493	-1.914	-0.005	<=8	PASS
		2440	-4.493	-2.156	-0.159	<=8	PASS
		2460	-4.748	-3.481	-1.058	<=8	PASS
Slot 40M	MIMO	2425	-13.556	-0.312	-0.111	<=8	PASS
		2440	-12.822	-1.618	-1.301	<=8	PASS
		2450	-13.17	-3.186	-2.771	<=8	PASS

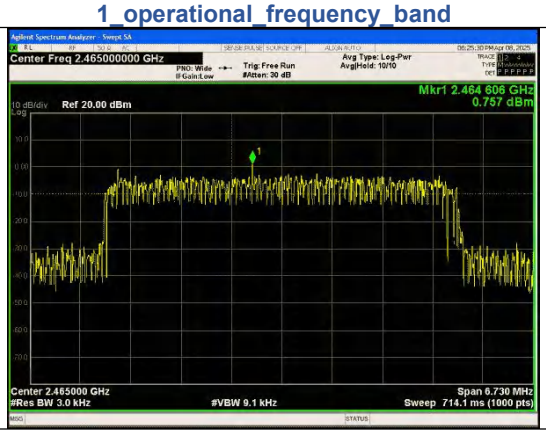
Test Graphs

BR:

Power Spectral Density
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band

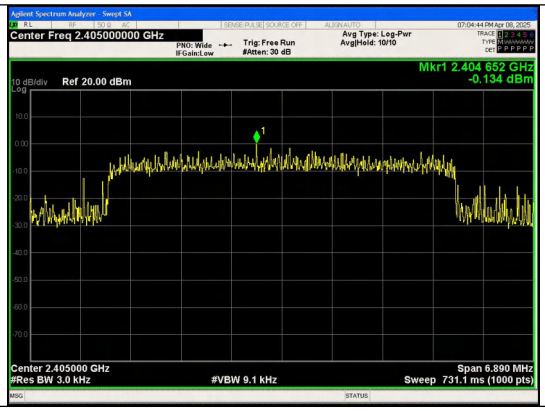


Power Spectral Density
Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational_frequency_band

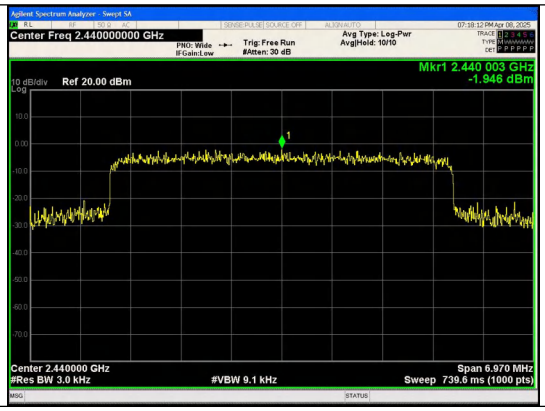


Power Spectral Density
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band

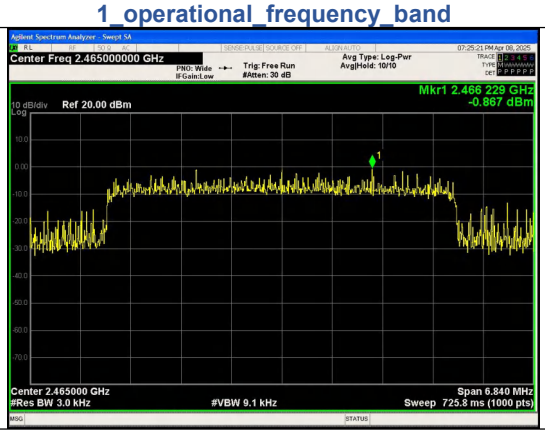
Slot:



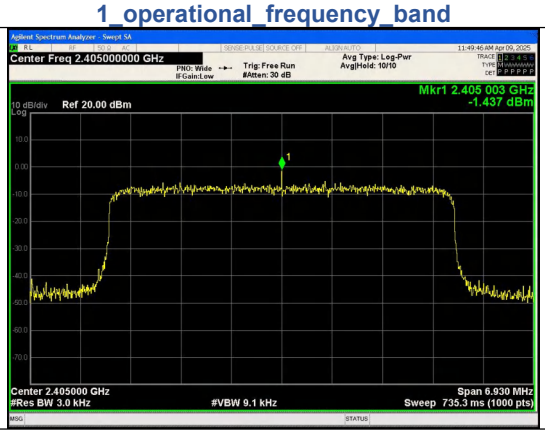
Power Spectral Density
Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational_frequency_band



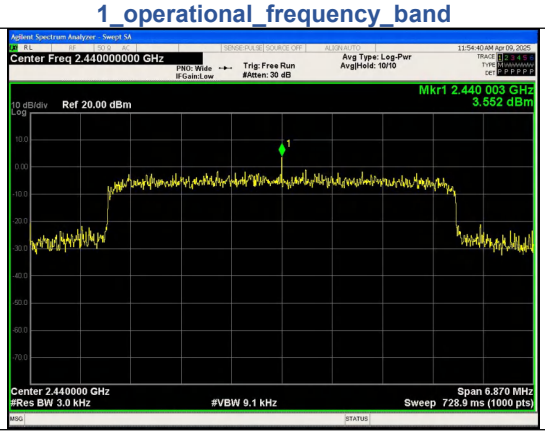
Power Spectral Density
Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational_frequency_band



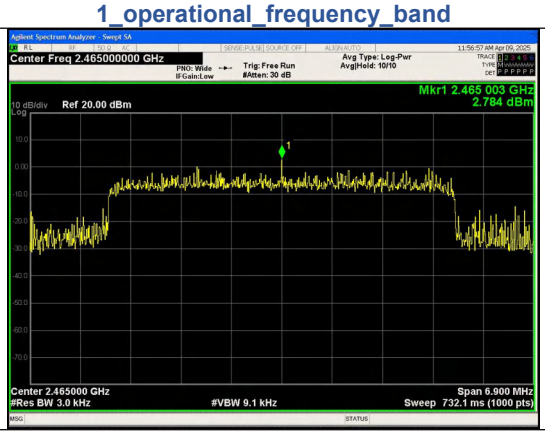
Power Spectral Density
Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational_frequency_band



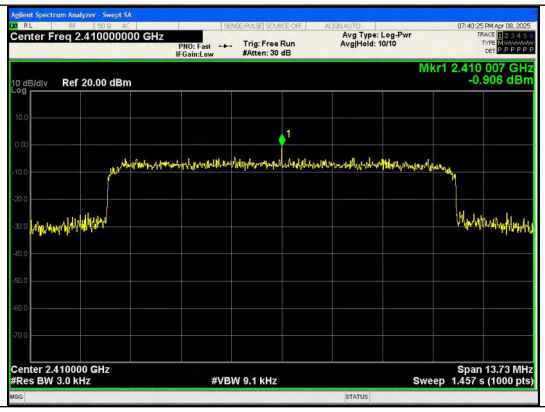
Power Spectral Density
Channel 0_BW 5_Freq.2405_Ant.1_Mode 1_operational_frequency_band



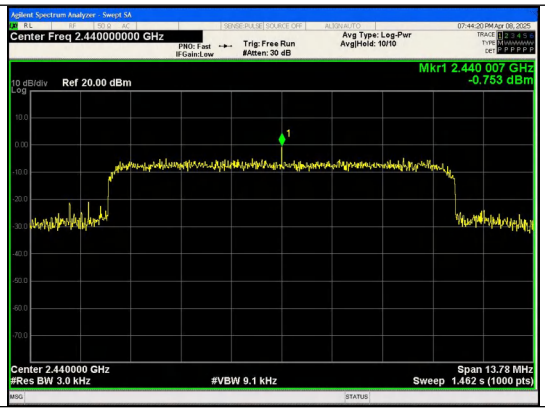
Power Spectral Density
Channel 1_BW 5_Freq.2440_Ant.1_Mode 1_operational_frequency_band



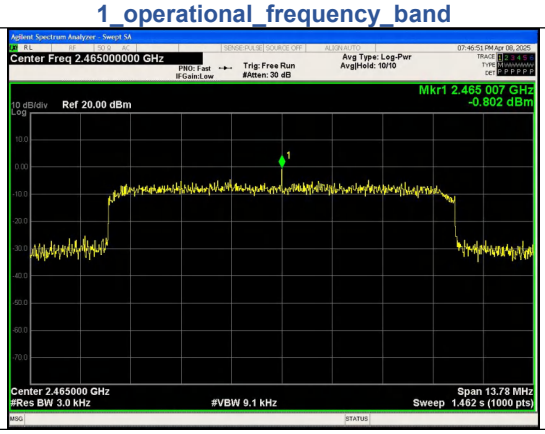
Power Spectral Density
Channel 2_BW 5_Freq.2465_Ant.1_Mode 1_operational_frequency_band



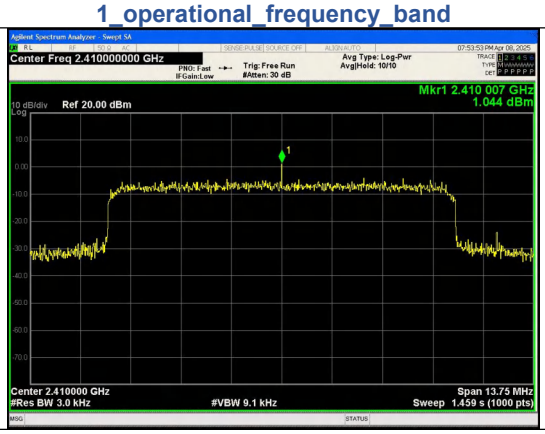
Power Spectral Density
Channel 10_BW 10_Freq.2410_Ant.0_Mode 1_operational_frequency_band



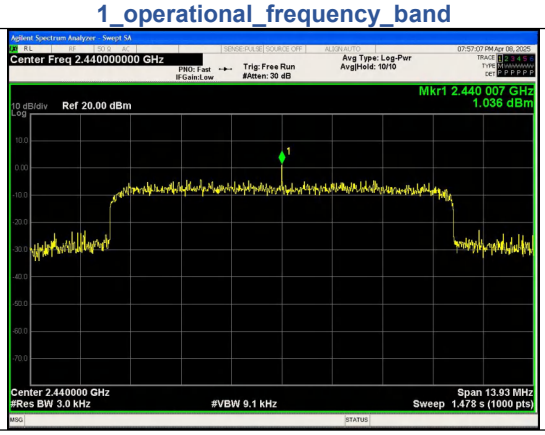
Power Spectral Density
Channel 11_BW 10_Freq.2440_Ant.0_Mode 1_operational_frequency_band



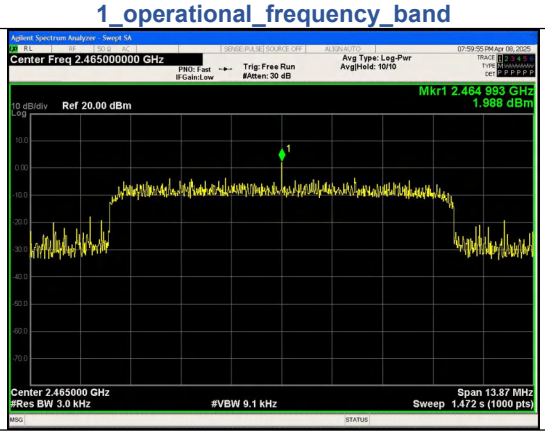
Power Spectral Density
Channel 12_BW 10_Freq.2465_Ant.0_Mode 1_operational_frequency_band



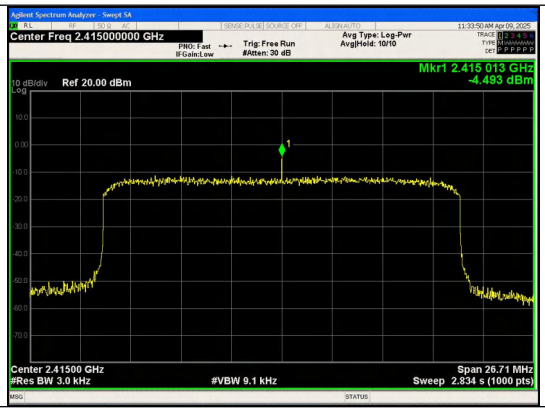
Power Spectral Density
Channel 10_BW 10_Freq.2410_Ant.1_Mode 1_operational_frequency_band



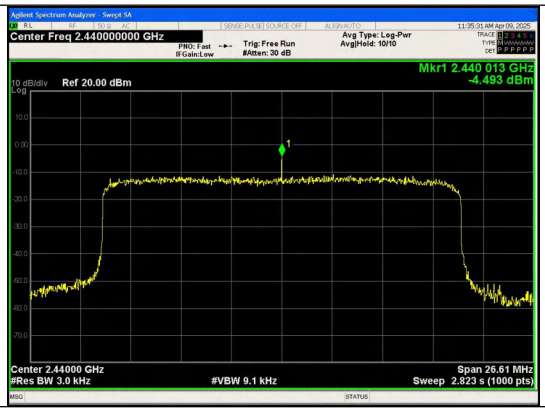
Power Spectral Density
Channel 11_BW 10_Freq.2440_Ant.1_Mode 1_operational_frequency_band



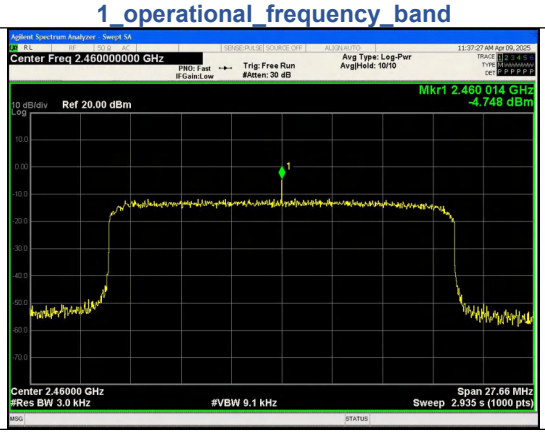
Power Spectral Density
Channel 12_BW 10_Freq.2465_Ant.1_Mode 1_operational_frequency_band



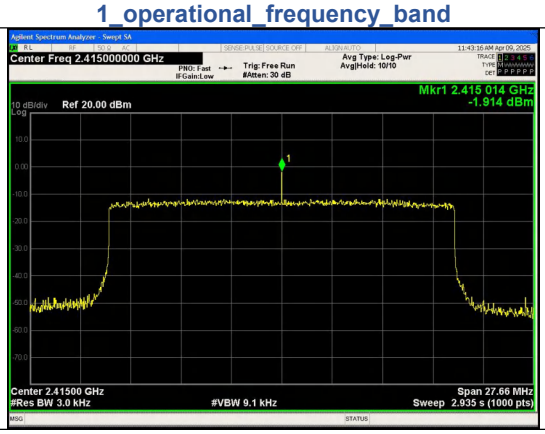
Power Spectral Density
Channel 20_BW 20_Freq.2415_Ant.0_Mode 1_operational_frequency_band



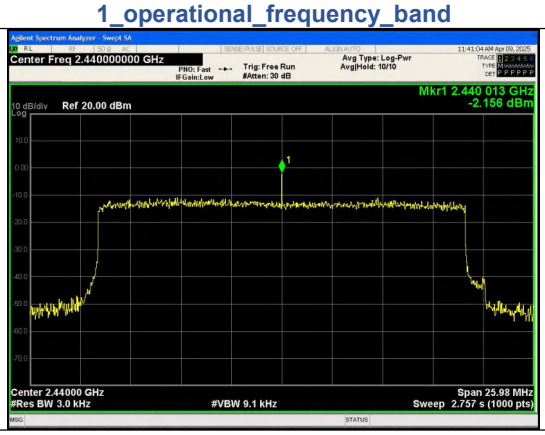
Power Spectral Density
Channel 21_BW 20_Freq.2440_Ant.0_Mode 1_operational_frequency_band



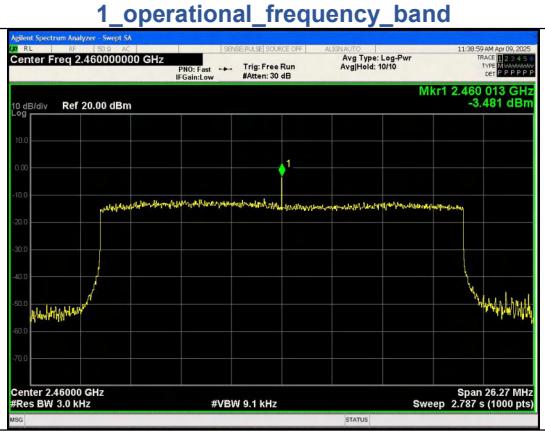
Power Spectral Density
Channel 22_BW 20_Freq.2460_Ant.0_Mode 1_operational_frequency_band



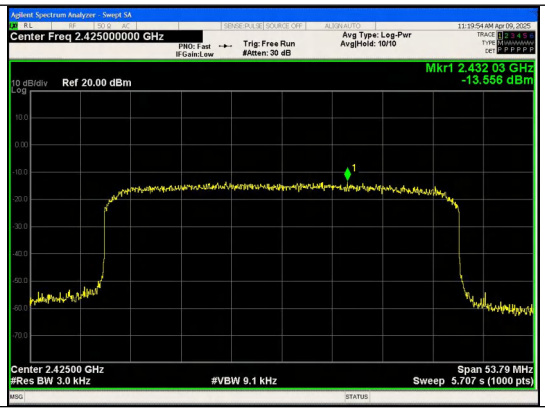
Power Spectral Density
Channel 20_BW 20_Freq.2415_Ant.1_Mode 1_operational_frequency_band



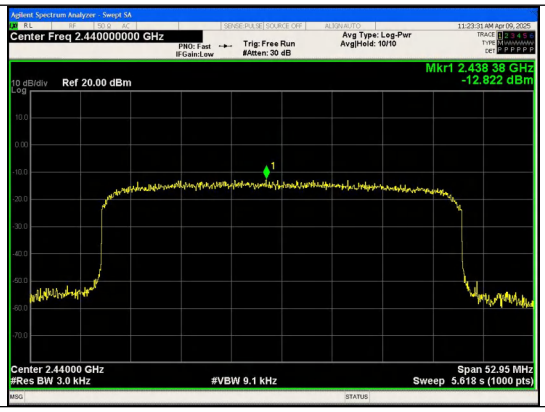
Power Spectral Density
Channel 21_BW 20_Freq.2440_Ant.1_Mode 1_operational_frequency_band



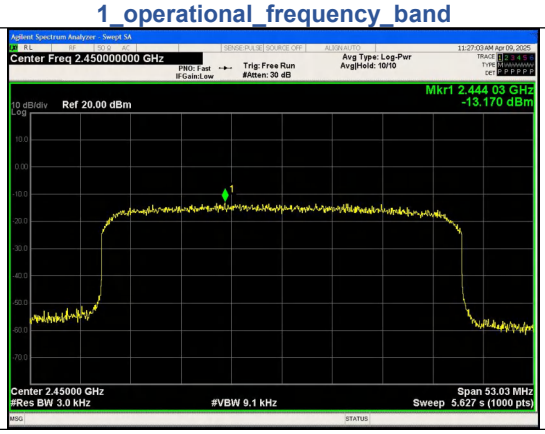
Power Spectral Density
Channel 22_BW 20_Freq.2460_Ant.1_Mode 1_operational_frequency_band



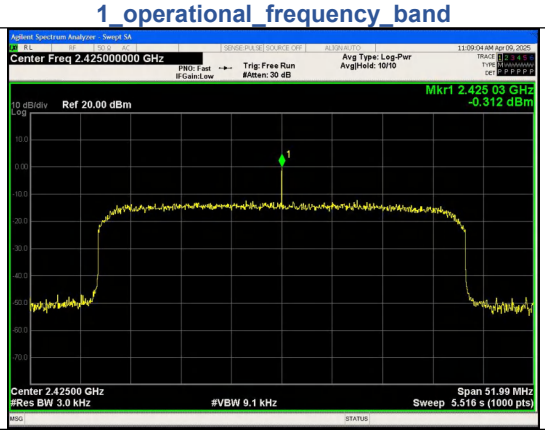
Power Spectral Density
Channel 40_BW 40_Freq.2425_Ant.0_Mode 1_operational_frequency_band



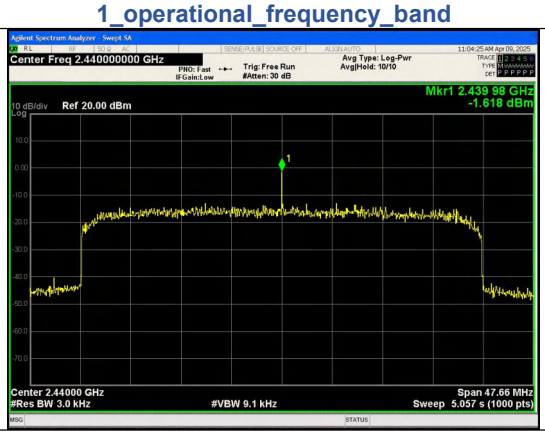
Power Spectral Density
Channel 41_BW 40_Freq.2440_Ant.0_Mode 1_operational_frequency_band



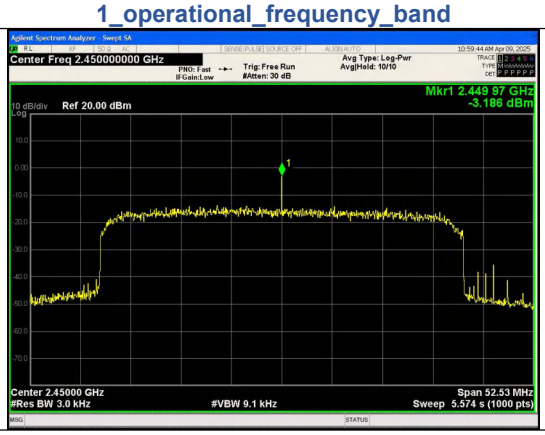
Power Spectral Density
Channel 42_BW 40_Freq.2450_Ant.0_Mode 1_operational_frequency_band



Power Spectral Density
Channel 40_BW 40_Freq.2425_Ant.1_Mode 1_operational_frequency_band



Power Spectral Density
Channel 41_BW 40_Freq.2440_Ant.1_Mode 1_operational_frequency_band



Power Spectral Density
Channel 42_BW 40_Freq.2450_Ant.1_Mode 1_operational_frequency_band

7. RADIATED EMISSION MEASUREMENT

7.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the Restricted band specified on Part15.205(a)&209(a) limit in the table and according to ANSI C63.10-2013 below has to be followed

LIMITS OF RADIATED EMISSION MEASUREMENT (0.009MHz - 1000MHz)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (1GHz-25 GHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/AV
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier hamonic(Peak/AV)
RB / VB (emission in restricted band)	PK=1MHz / 1MHz, AV=1 MHz /10 Hz