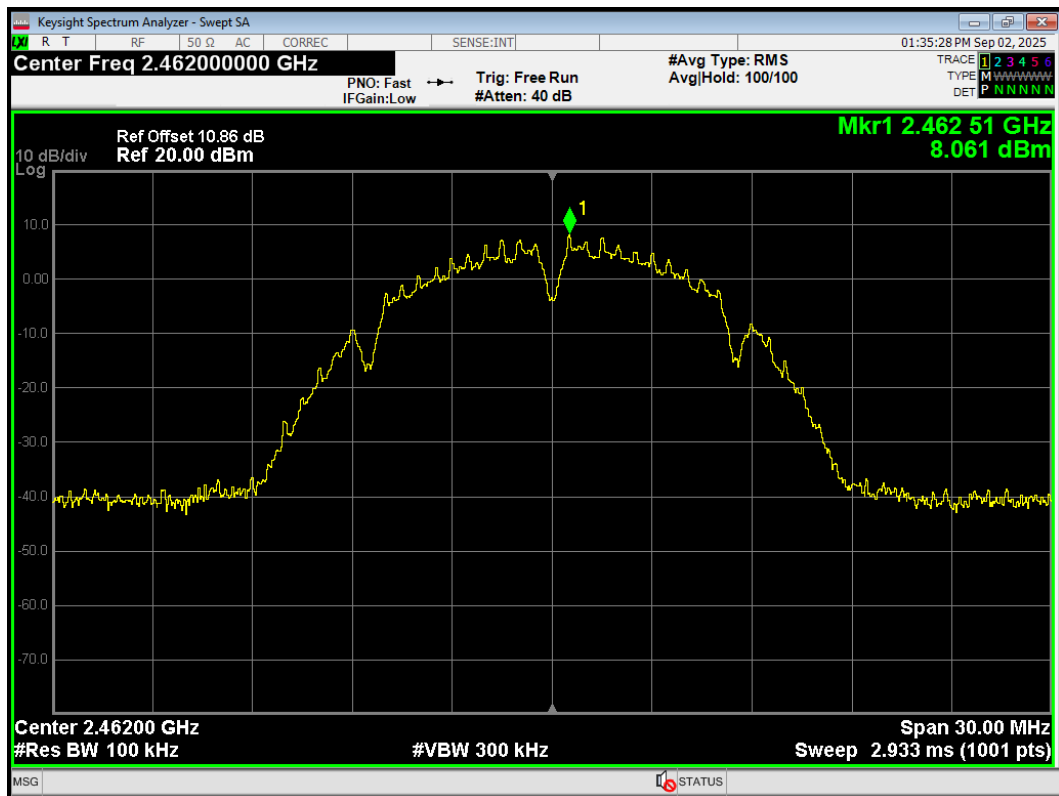
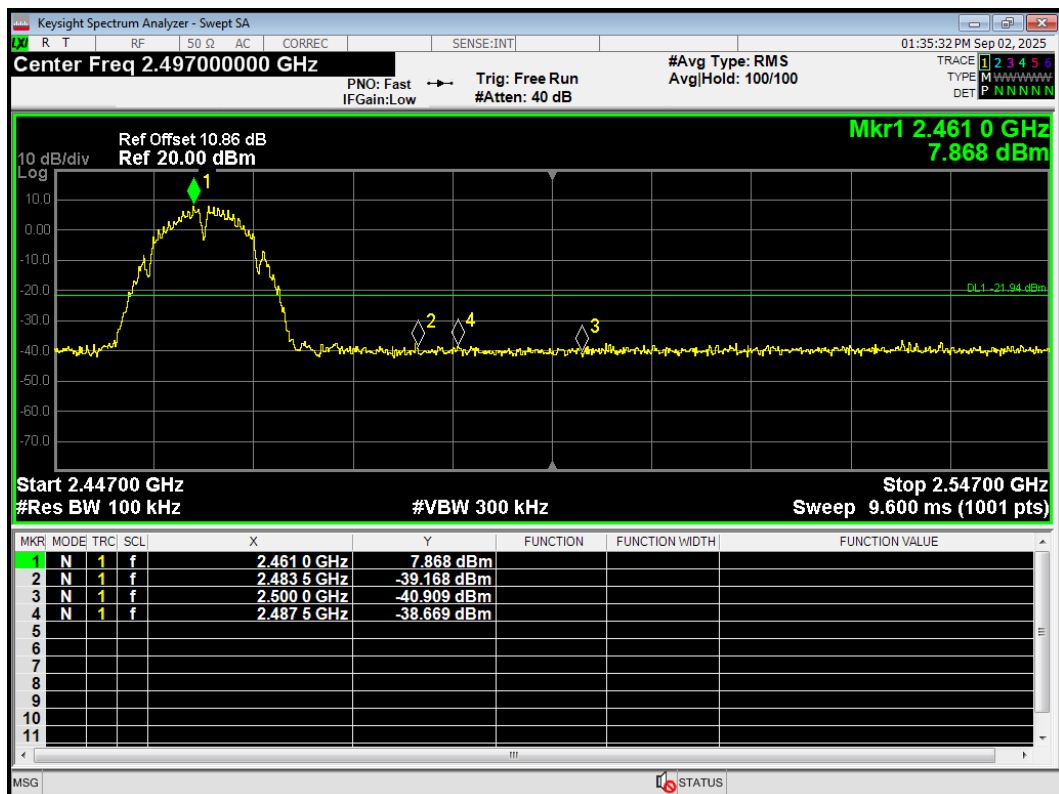


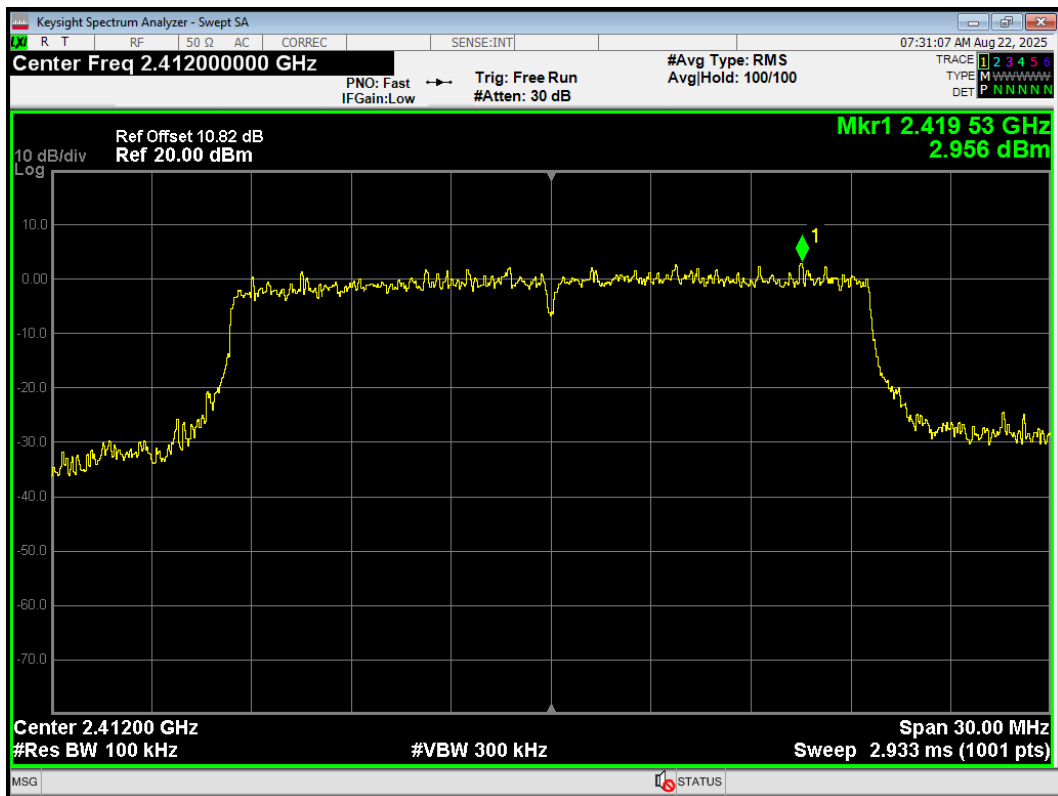
Band Edge 802.11b 2462MHz Ref



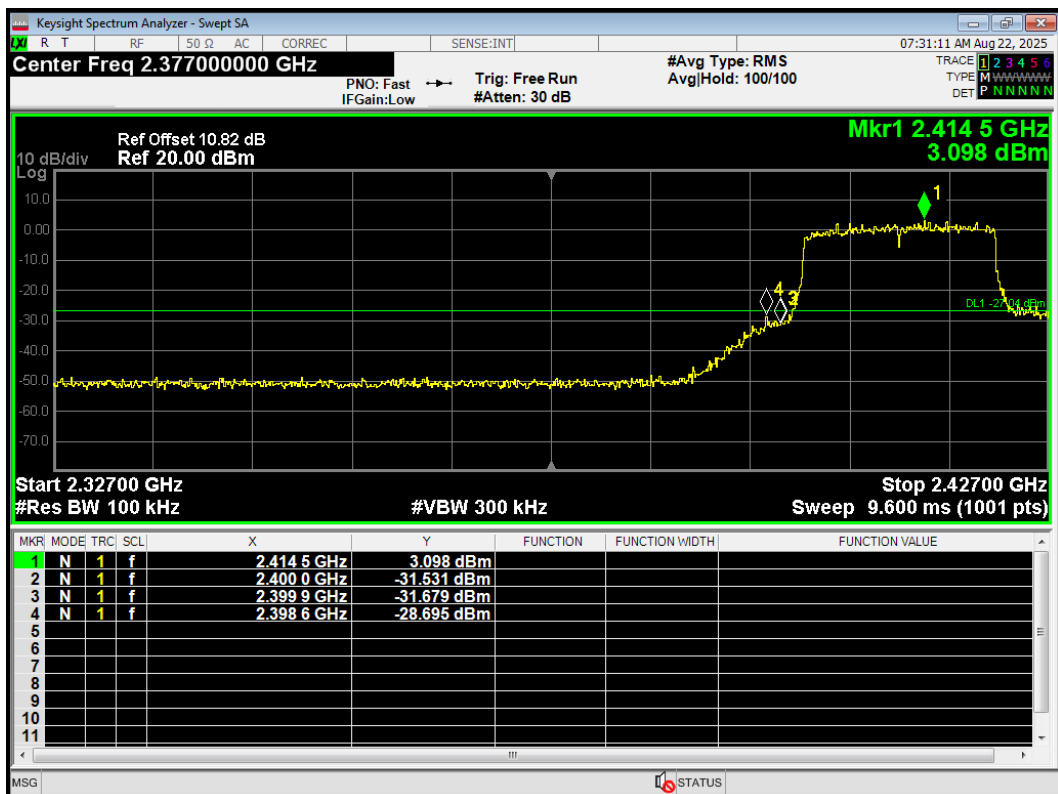
Band Edge 802.11b 2462MHz Emission



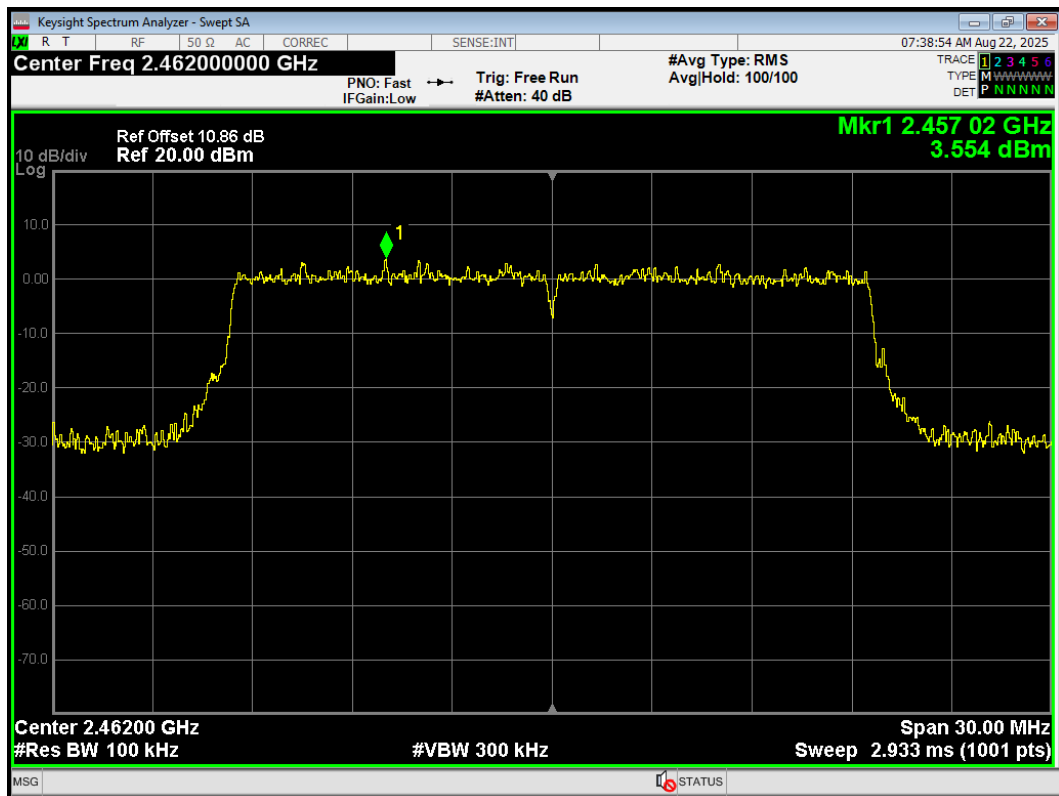
Band Edge 802.11ax(HE20) 2412MHz Ref



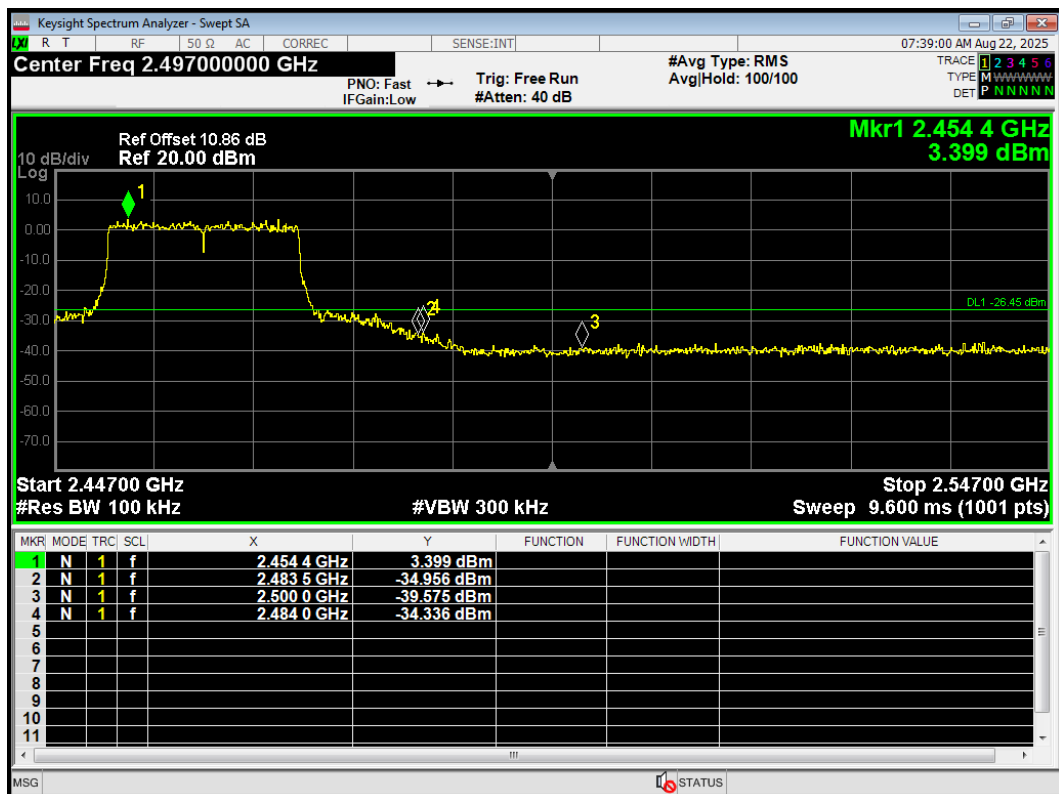
Band Edge 802.11ax(HE20) 2412MHz Emission



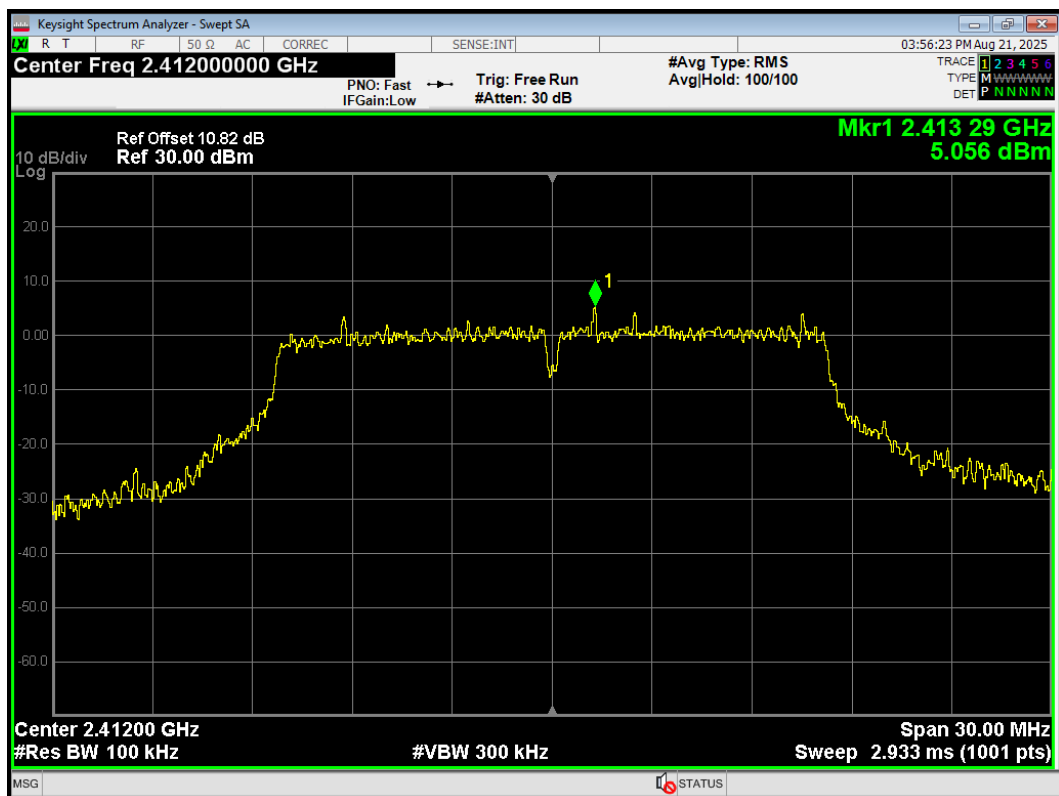
Band Edge 802.11ax(HE20) 2462MHz Ref



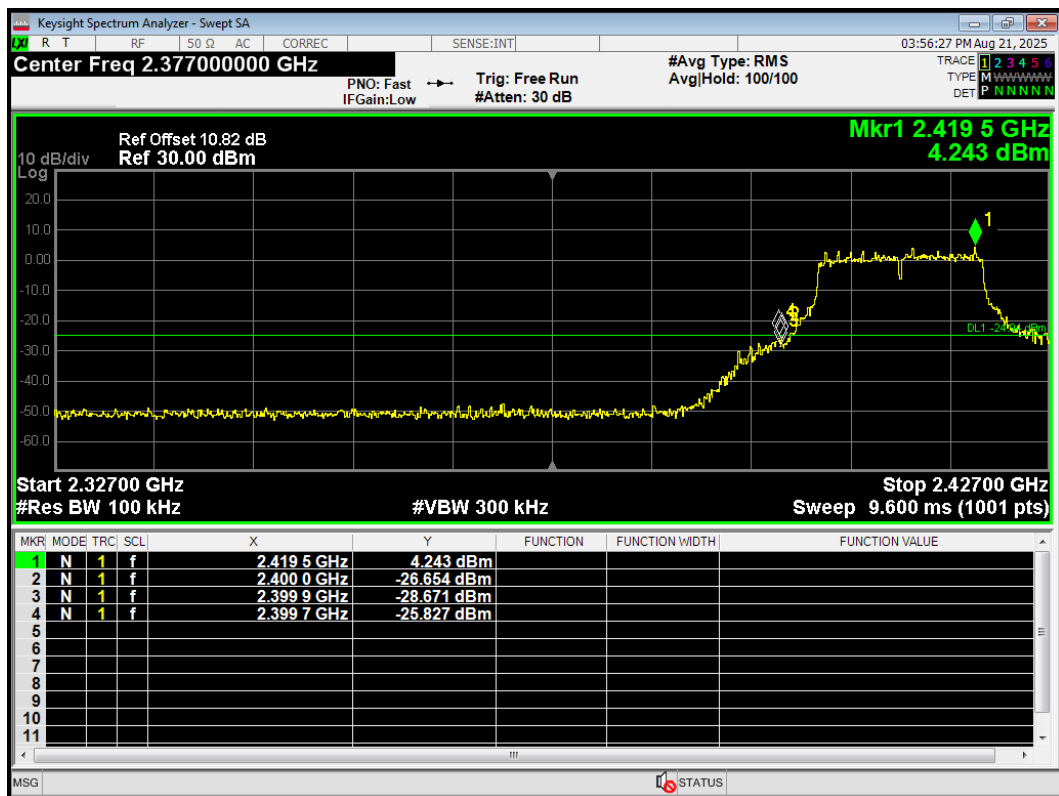
Band Edge 802.11ax(HE20) 2462MHz Emission



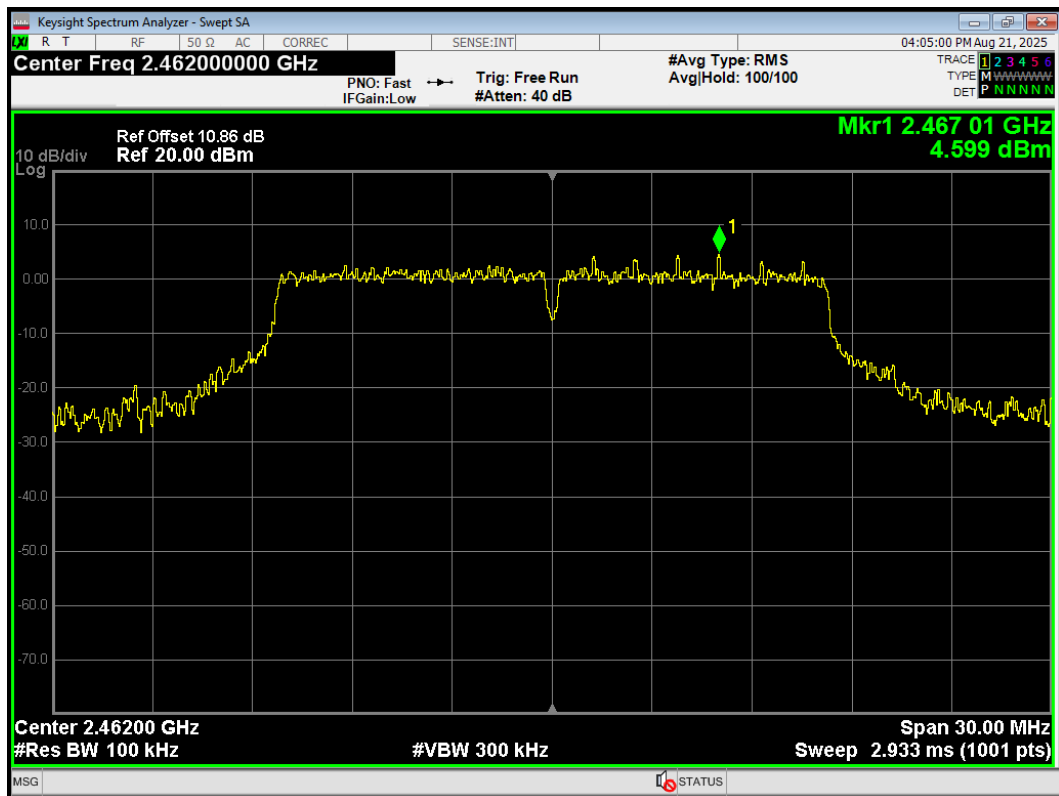
Band Edge 802.11g 2412MHz Ref



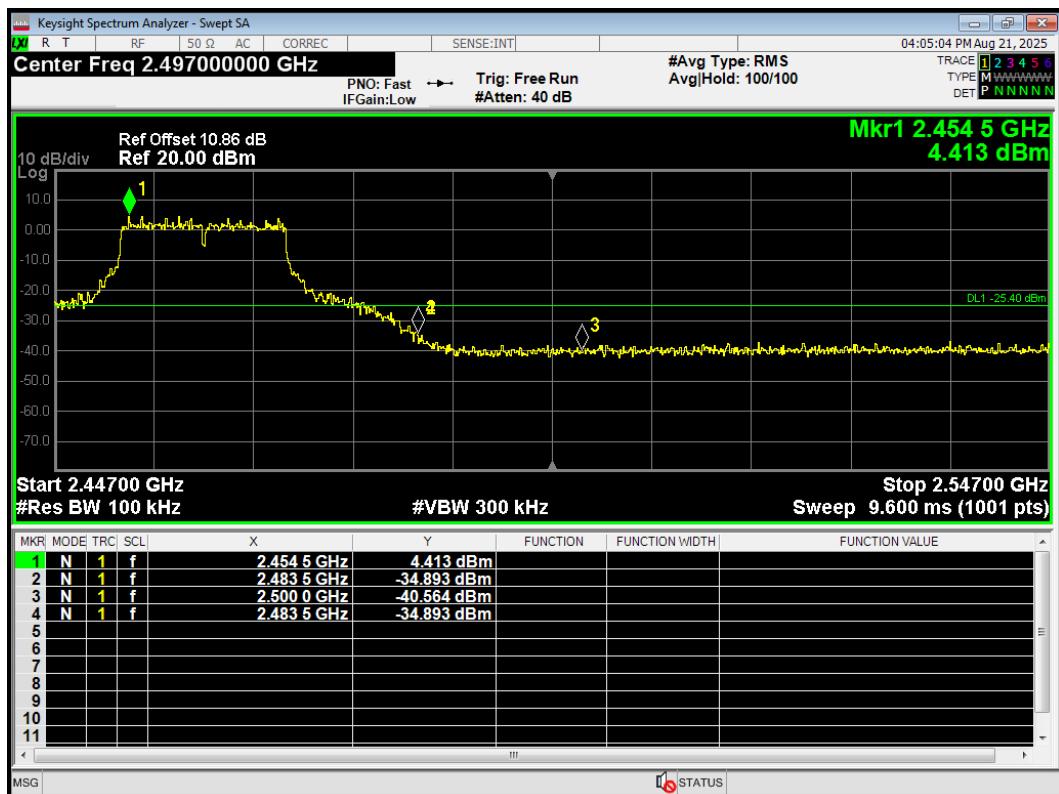
Band Edge 802.11g 2412MHz Emission



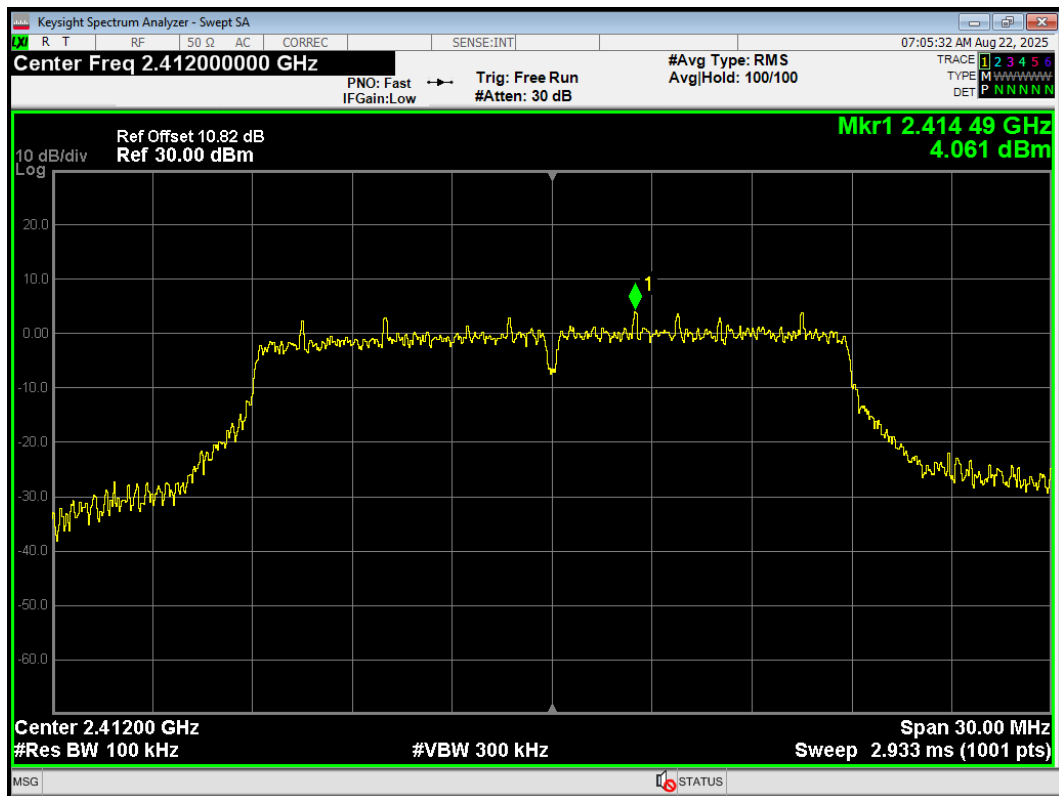
Band Edge 802.11g 2462MHz Ref



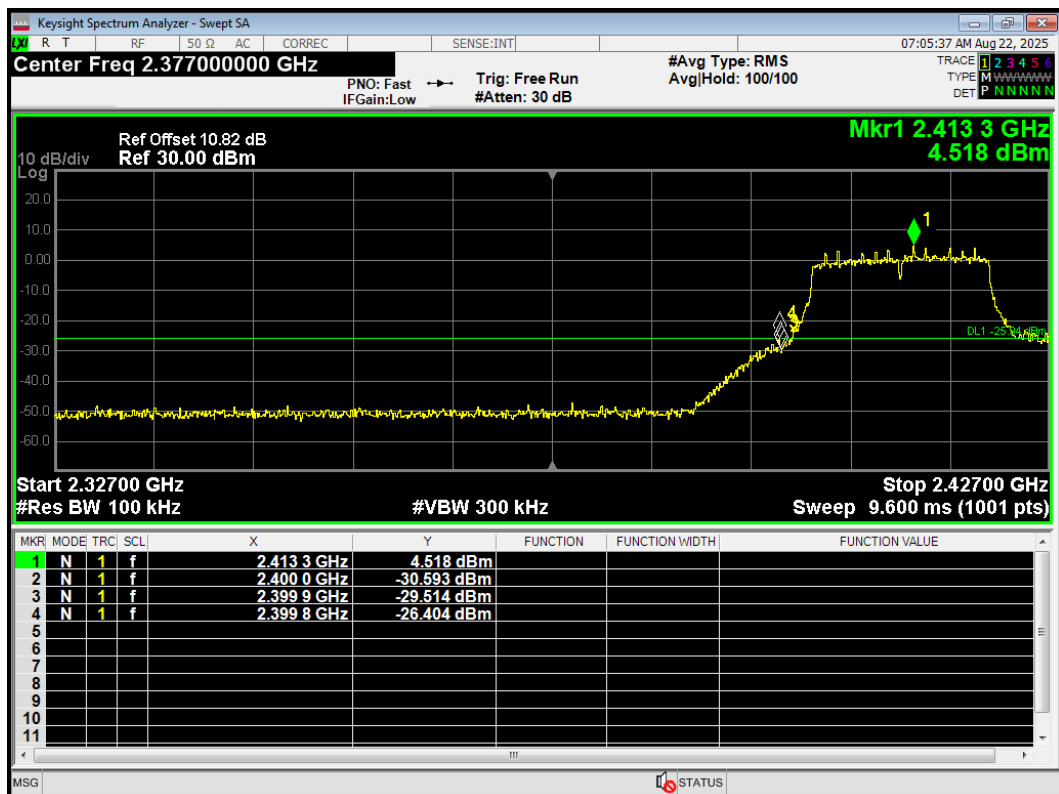
Band Edge 802.11g 2462MHz Emission



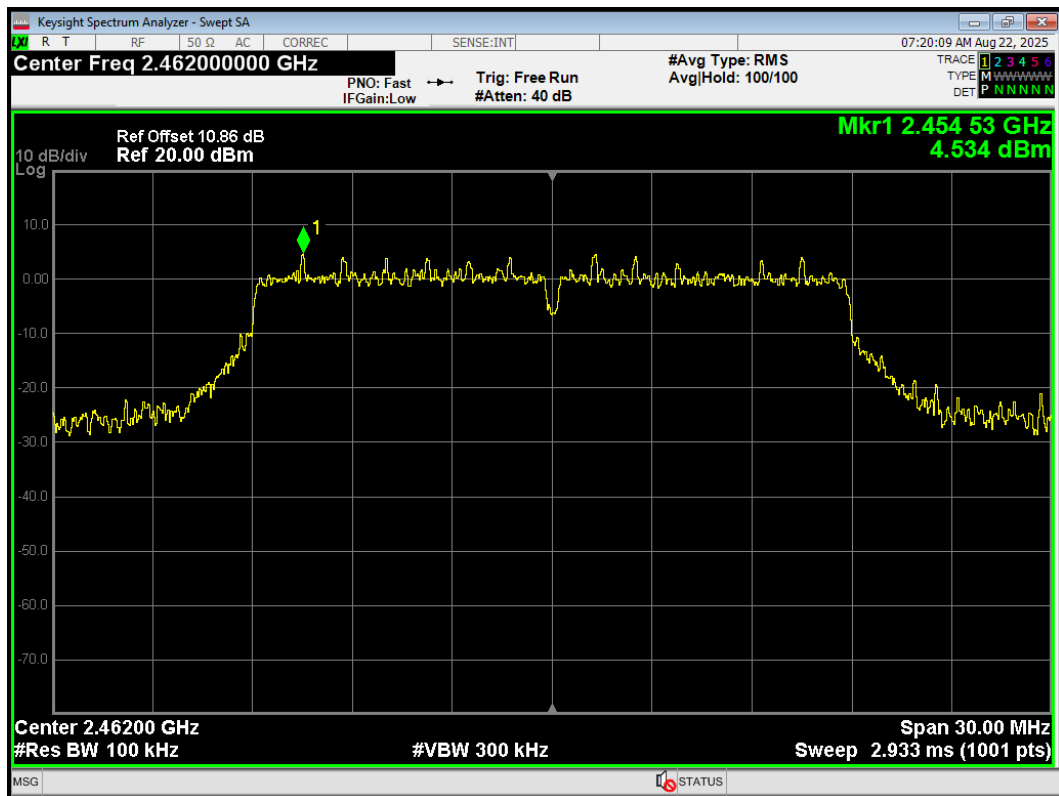
Band Edge 802.11n(HT20) 2412MHz Ref



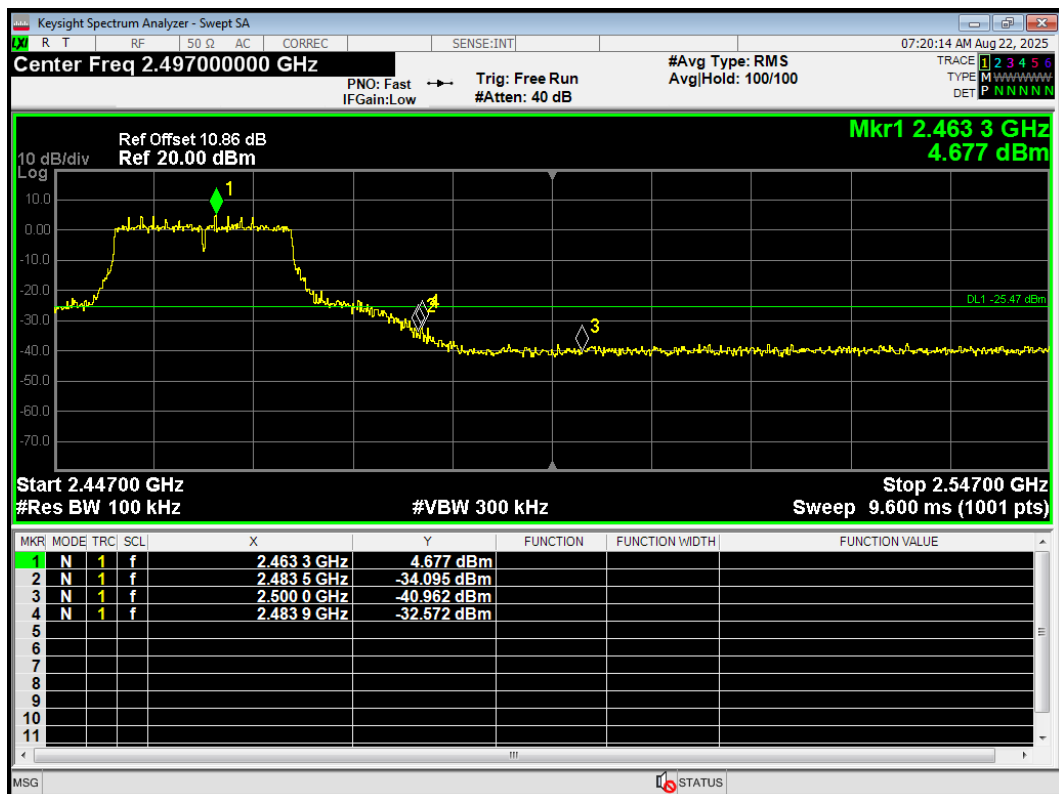
Band Edge 802.11n(HT20) 2412MHz Emission



Band Edge 802.11n(HT20) 2462MHz Ref



Band Edge 802.11n(HT20) 2462MHz Emission

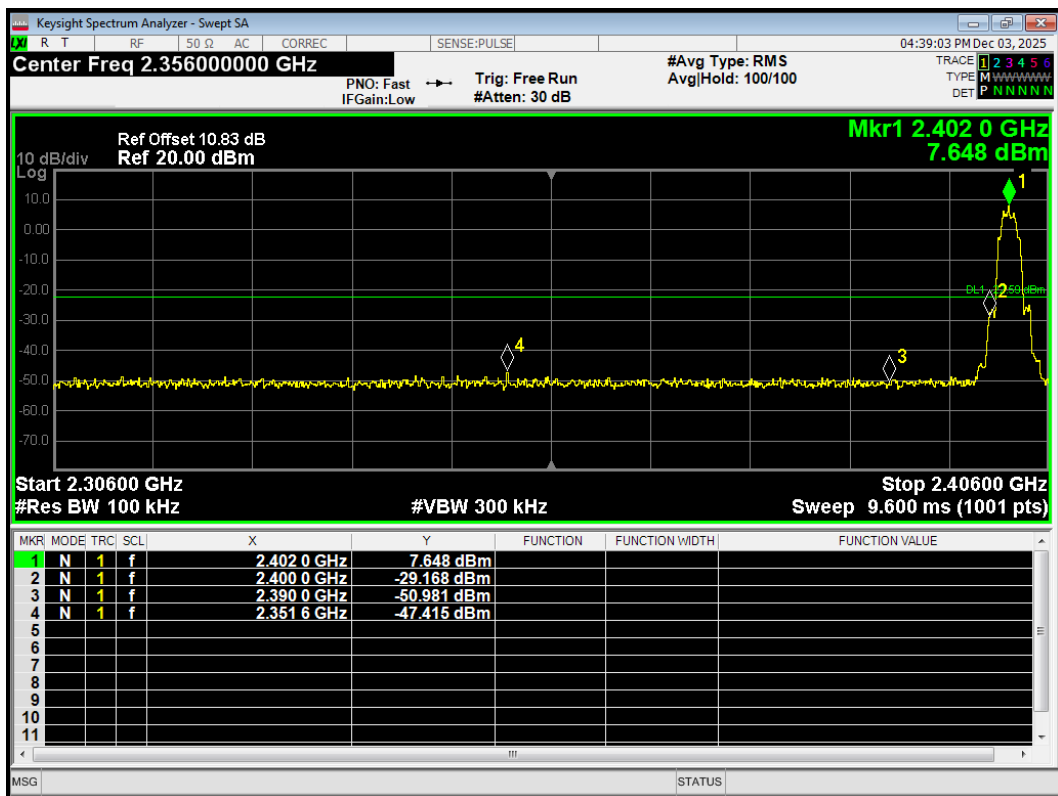


Variant

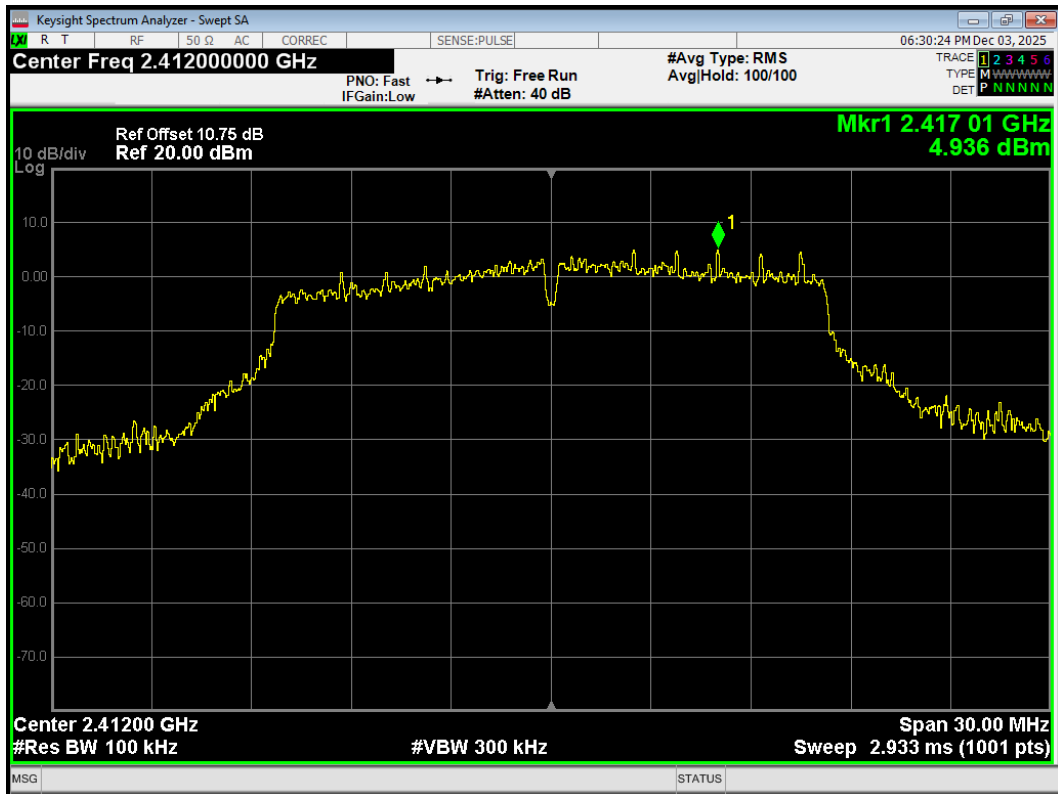
Band Edge BLE (2M) 2402MHz Ref



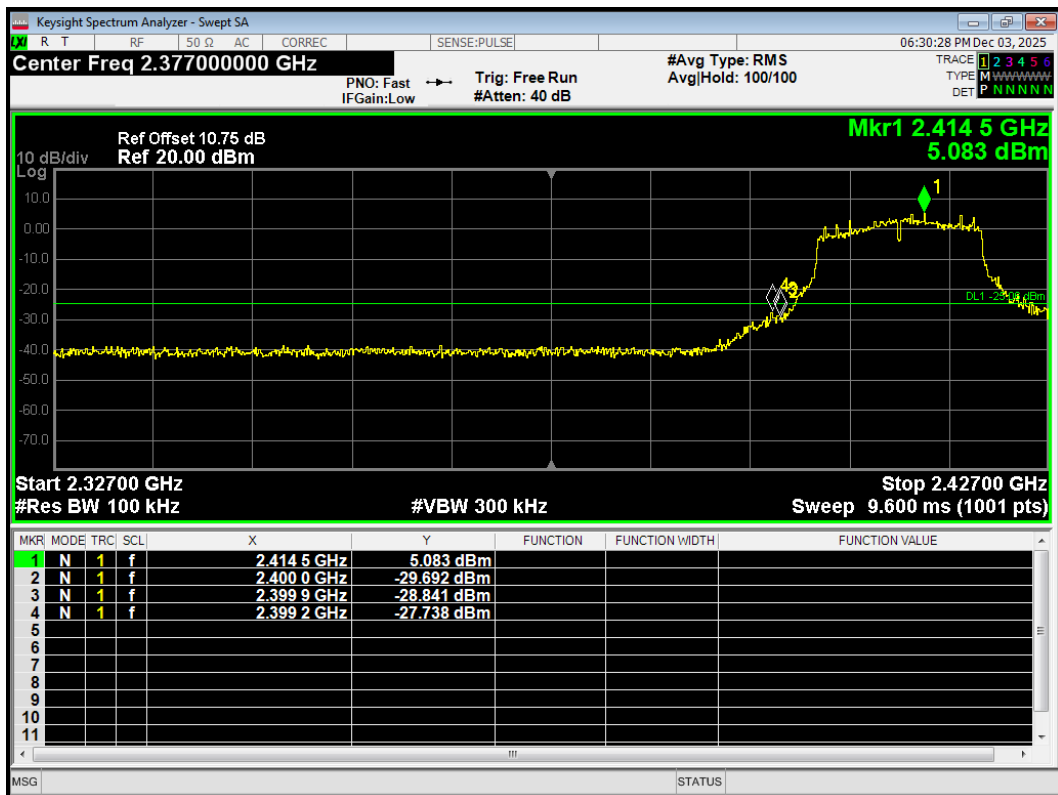
Band Edge BLE (2M) 2402MHz Emission



Band Edge 802.11g 2412MHz Ref



Band Edge 802.11g 2412MHz Emission



6.4. Power Spectral Density

Original

Test Mode	Carrier frequency (MHz)/ Channel	Read Value (dBm / 3kHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Conclusion
Bluetooth (Low Energy) (1M)	2402/CH0	-10.78	-8.61	8	PASS
	2440/CH19	-10.21	-8.04	8	PASS
	2480/CH39	-11.91	-9.74	8	PASS
Bluetooth (Low Energy) (2M)	2402/CH0	-15.38	-10.32	8	PASS
	2440/CH19	-15.61	-10.55	8	PASS
	2480/CH39	-15.82	-10.76	8	PASS
Note: Power Spectral Density =Read Value+Duty cycle correction factor					

Test Mode	Carrier frequency (MHz)/ Channel	Read Value (dBm / 30kHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Conclusion
802.11b	2412/CH 1	-4.83	-14.83	8	PASS
	2437/CH 6	-4.80	-14.80	8	PASS
	2462/CH11	-4.86	-14.86	8	PASS
Note: Power Spectral Density (dBm/3kHz) =Read Value+Duty cycle correction factor + 10*log10(3/30)					

Test Mode	Carrier frequency (MHz)/ Channel	Read Value (dBm / 30kHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Conclusion
802.11b	2412/CH 1	-4.20	-14.20	8	PASS
	2437/CH 6	-4.53	-14.53	8	PASS
	2462/CH11	-4.98	-14.98	8	PASS
Note: Power Spectral Density (dBm/3kHz) =Read Value+Duty cycle correction factor + 10*log10(3/30)					

MIMO

Test Mode	Carrier frequency (MHz)/ Channel	Power Spectral Density				Total PSD	Limit (dBm / 3kHz)	Conclusion
		Antenna 1		Antenna 2				
		Read Value (dBm / 30kHz)	Power Spectral Density (dBm / 3kHz)	Read Value (dBm / 30kHz)	Power Spectral Density (dBm / 3kHz)	(dBm / 3kHz)		
802.11g	2412/CH 1	-7.97	-17.54	-7.59	-17.16	-14.34	8.00	PASS
	2437/CH 6	-6.93	-16.50	-7.05	-16.62	-13.55	8.00	PASS
	2462/CH11	-6.83	-16.40	-7.95	-17.52	-13.91	8.00	PASS
802.11n HT20	2412/CH 1	-9.29	-18.45	-8.87	-18.03	-15.22	8.00	PASS
	2437/CH 6	-8.56	-17.72	-8.27	-17.43	-14.56	8.00	PASS
	2462/CH11	-8.94	-18.10	-8.35	-17.51	-14.78	8.00	PASS
802.11ax HE20	2412/CH 1	-10.78	-20.30	-10.1	-19.62	-16.94	8.00	PASS
	2437/CH 6	-10.97	-20.49	-10.72	-20.24	-17.35	8.00	PASS
	2462/CH11	-9.89	-19.41	-9.24	-18.76	-16.06	8.00	PASS

Note: 1.Power Spectral Density (dBm/3kHz) =Read Value+Duty cycle correction factor + 10*LOG10(3 / 30)

2. For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)

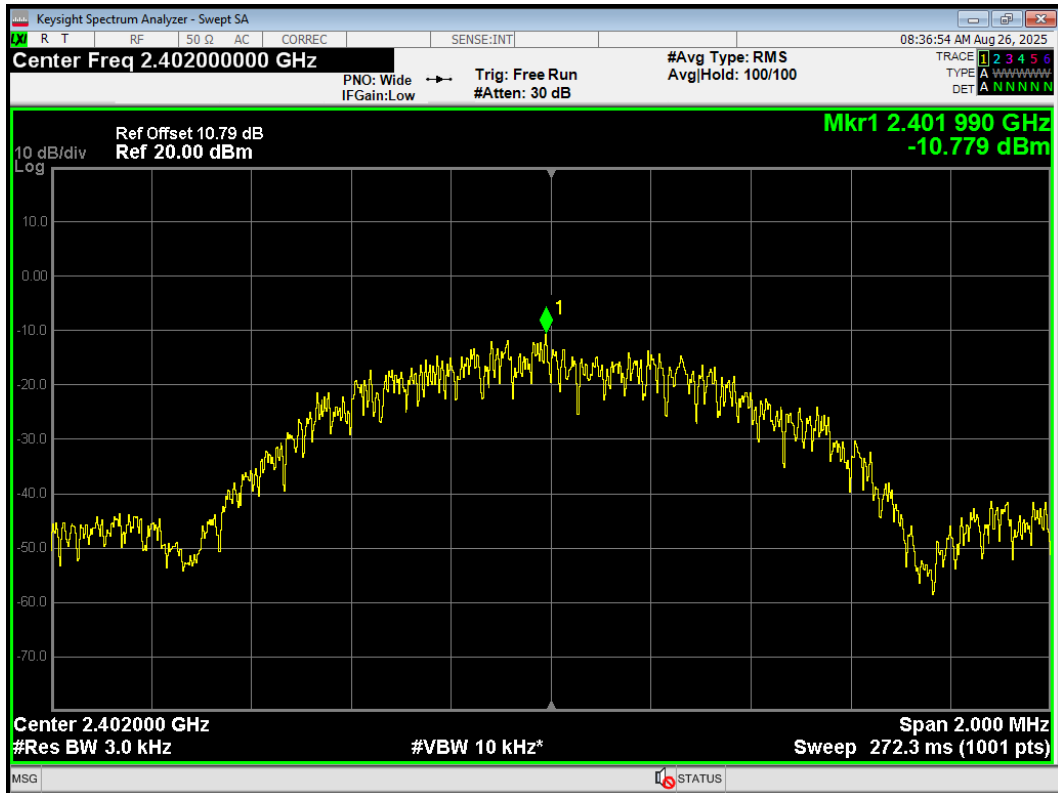
The power spectral density= $10\log(10^{(\text{PSD antenna1 in dBm}/10)}+10^{(\text{PSD antenna2 in dBm}/10)})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream:

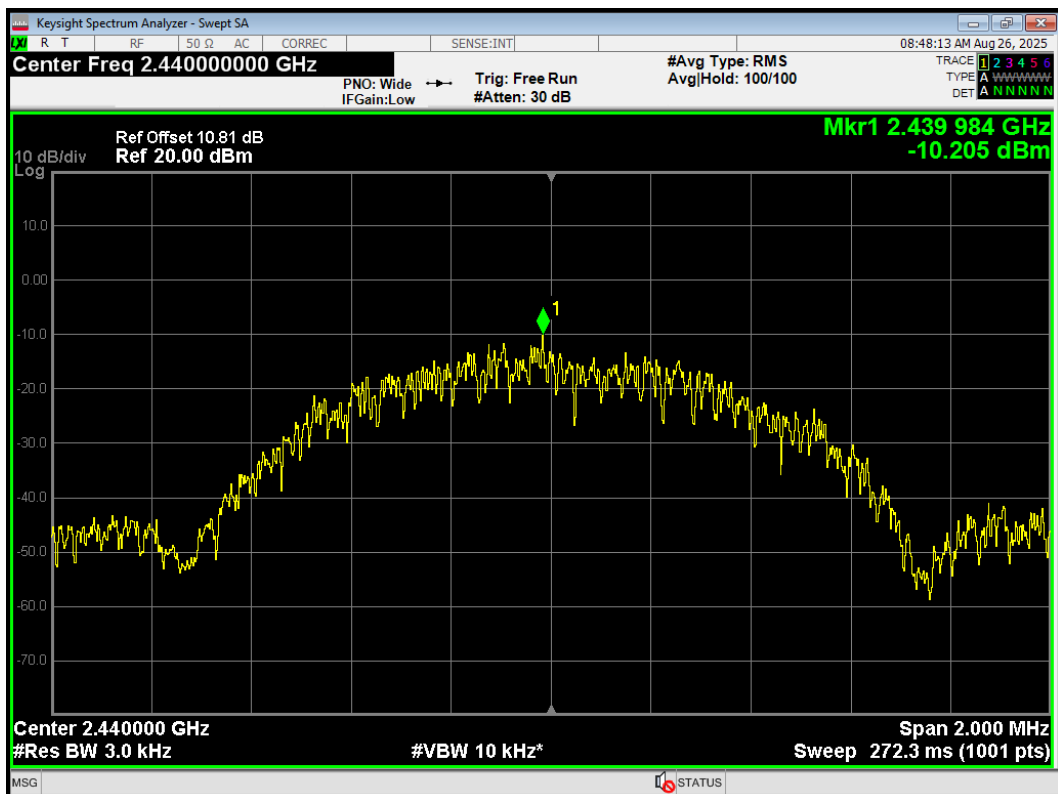
Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;For power spectral density (PSD) measurements on all devices,

Directional gain = GANT MAX + Array Gain= 0.88+3.01=3.89 dBi<6dBi. So the power limit is 8dBm / 3kHz.

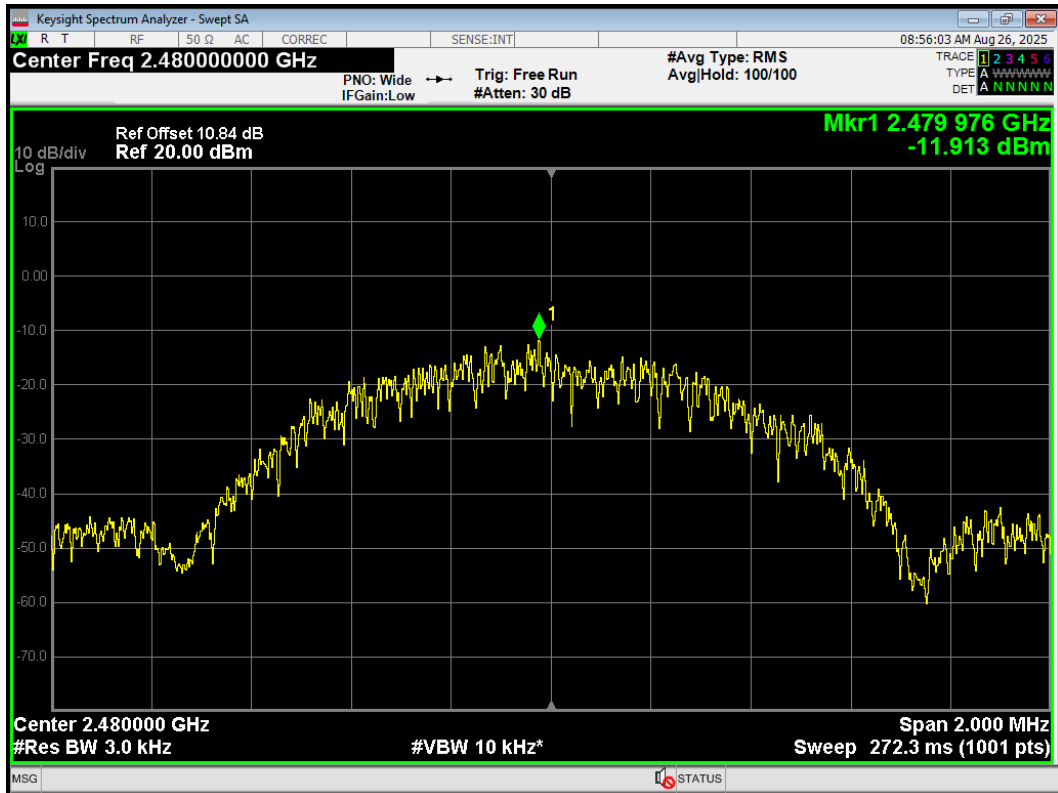
PSD BLE (1M)2402MHz



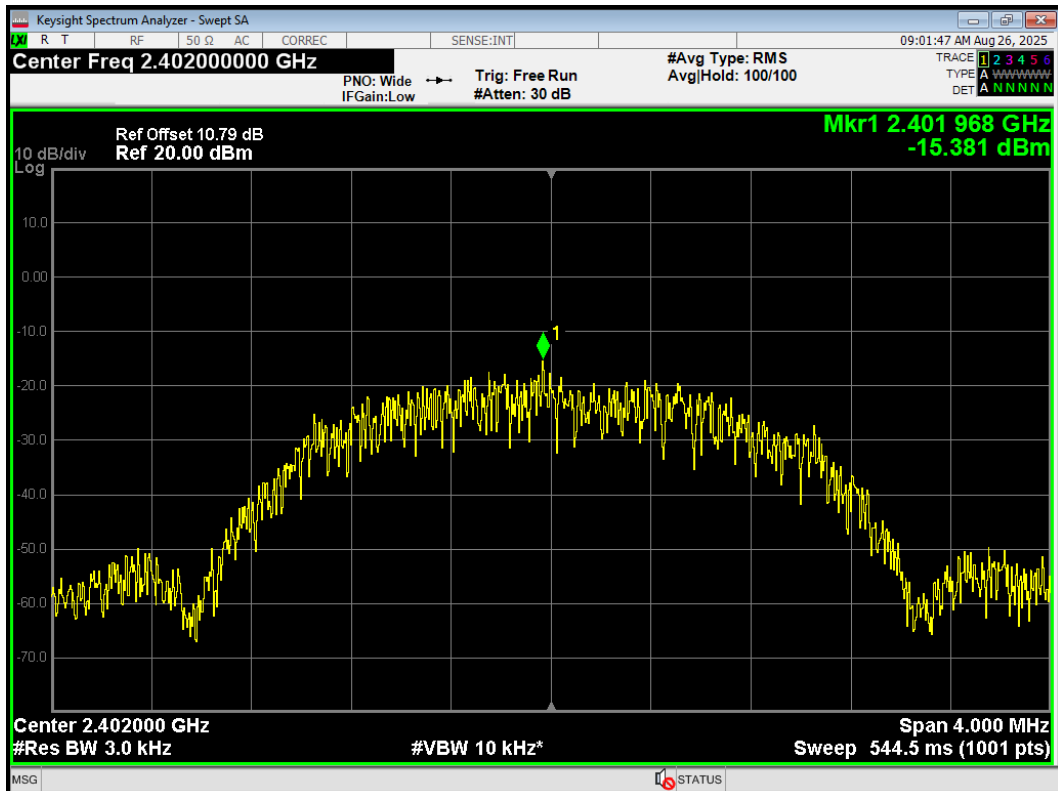
PSD BLE (1M)2440MHz



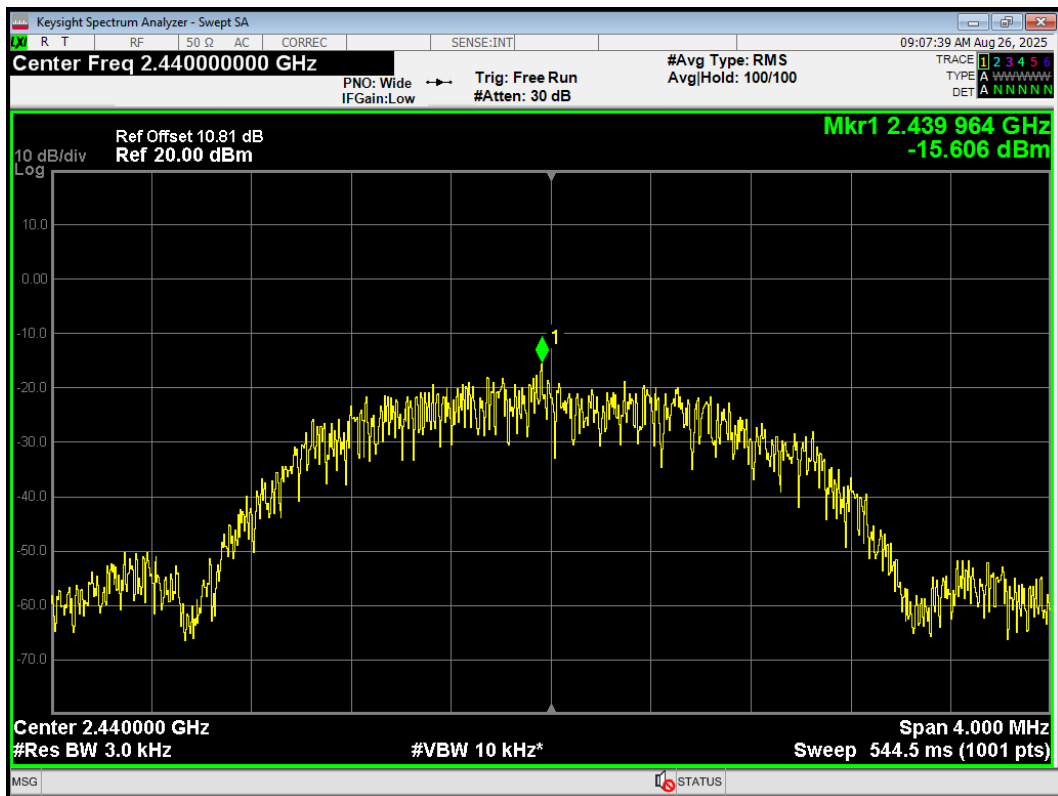
PSD BLE (1M)2480MHz



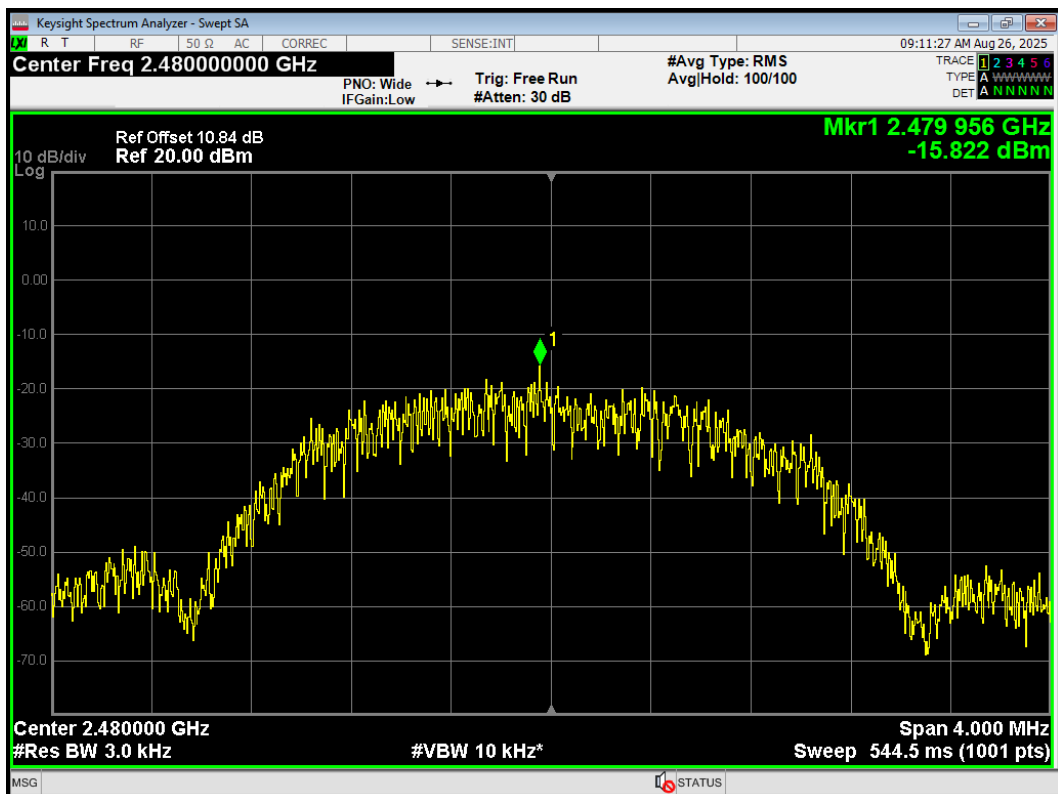
PSD BLE (2M) 2402MHz



PSD BLE (2M) 2440MHz

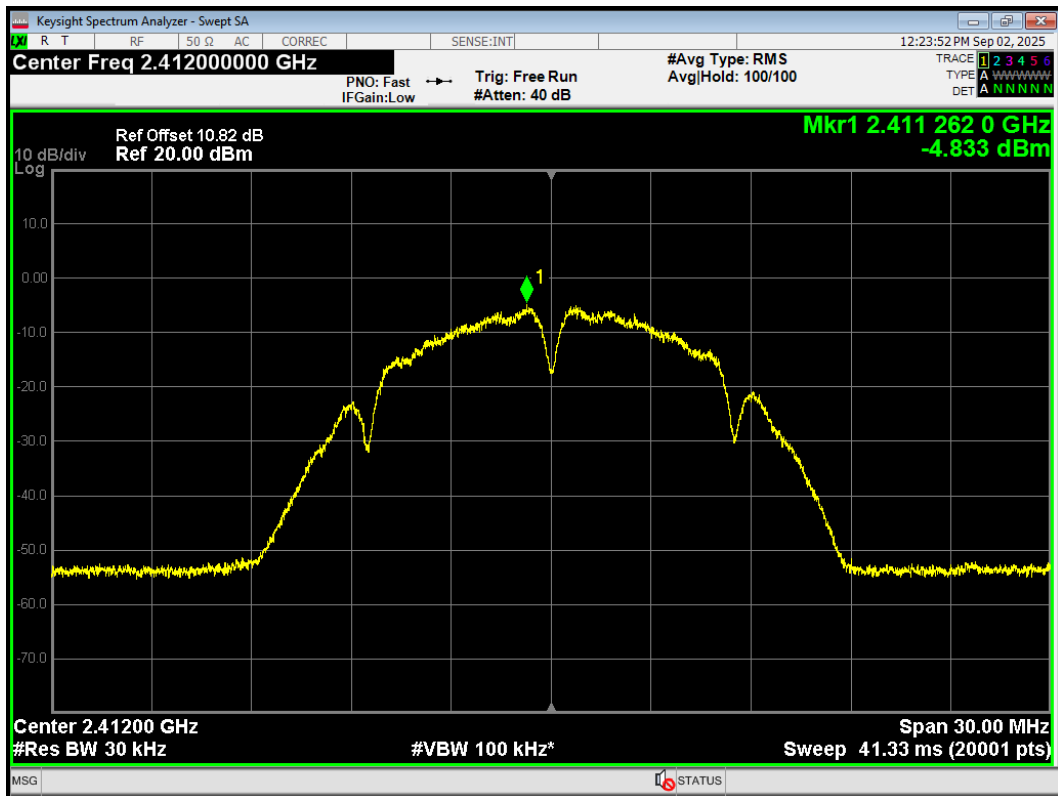


PSD BLE (2M) 2480MHz

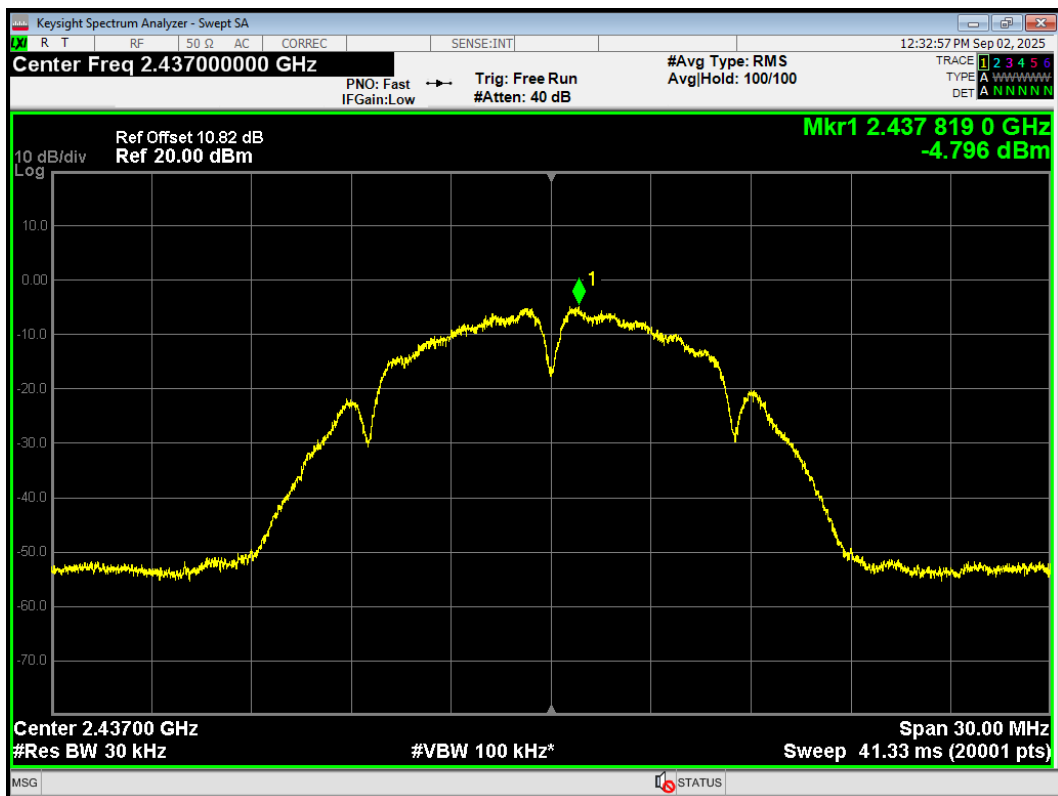


Antenna 1

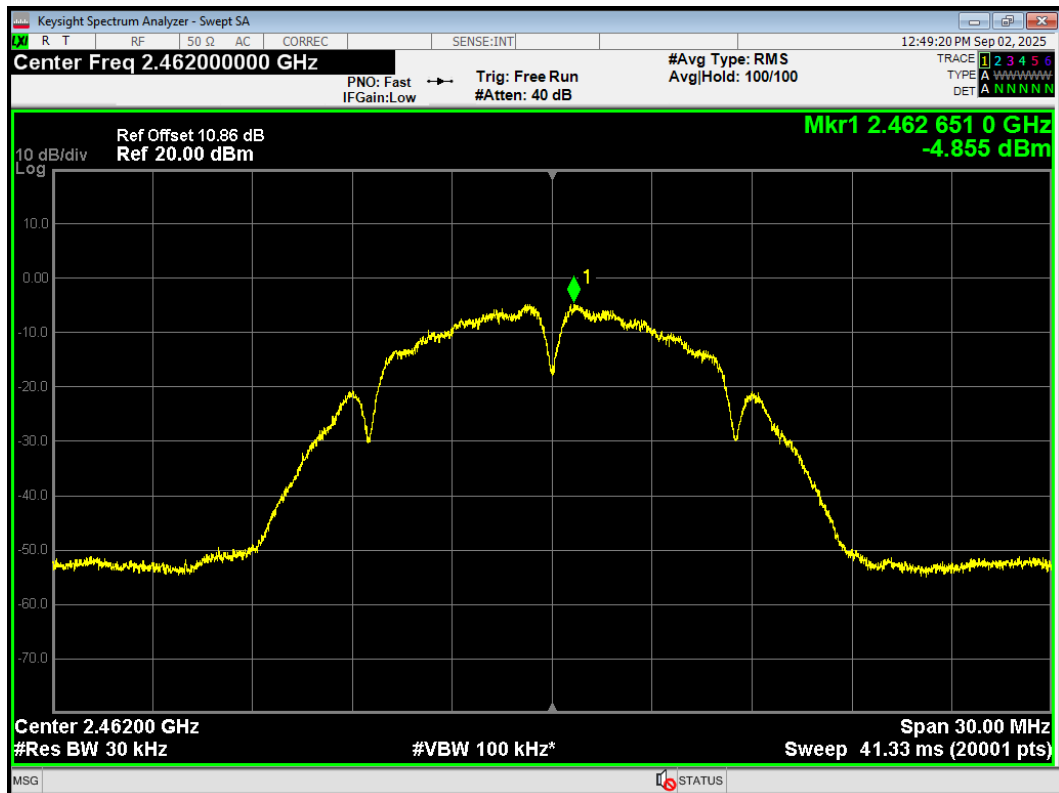
PSD 802.11b 2412MHz



PSD 802.11b 2437MHz

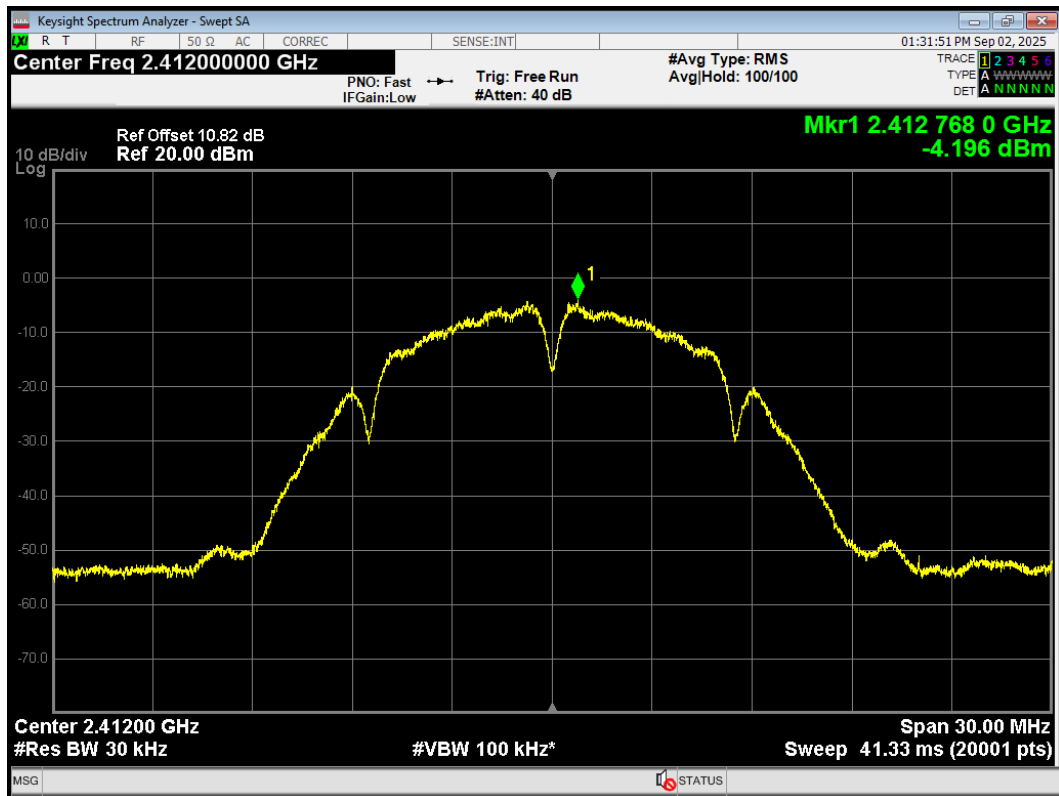


PSD 802.11b 2462MHz

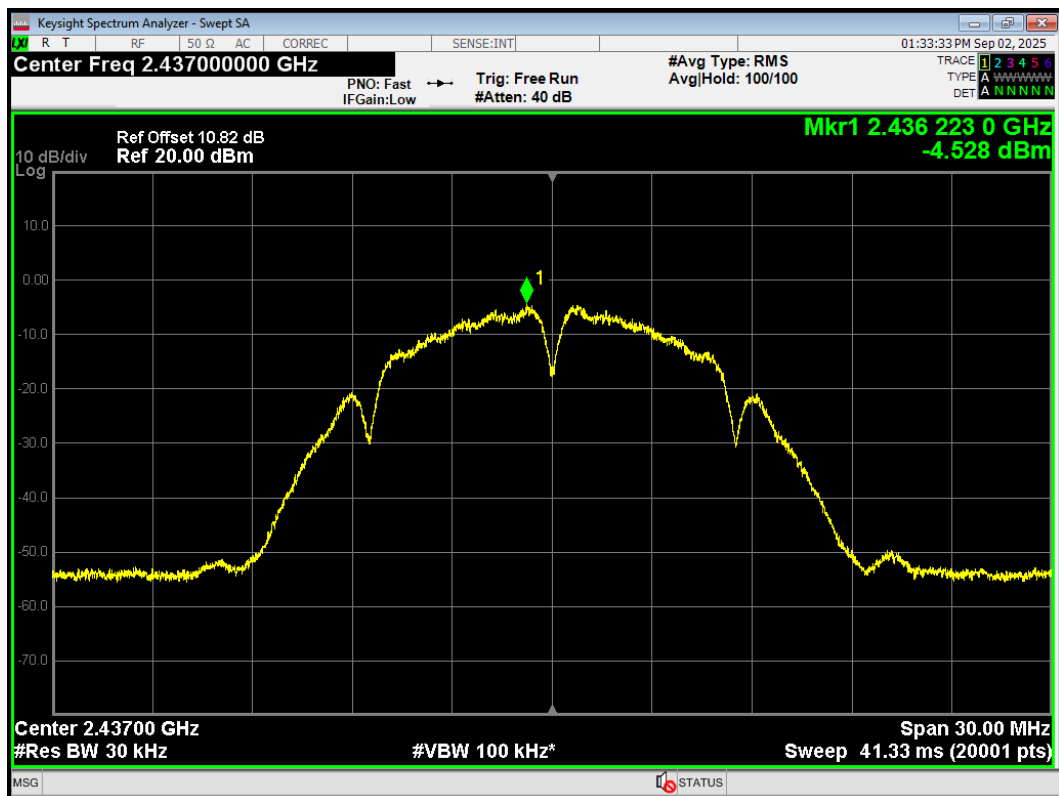


Antenna 2

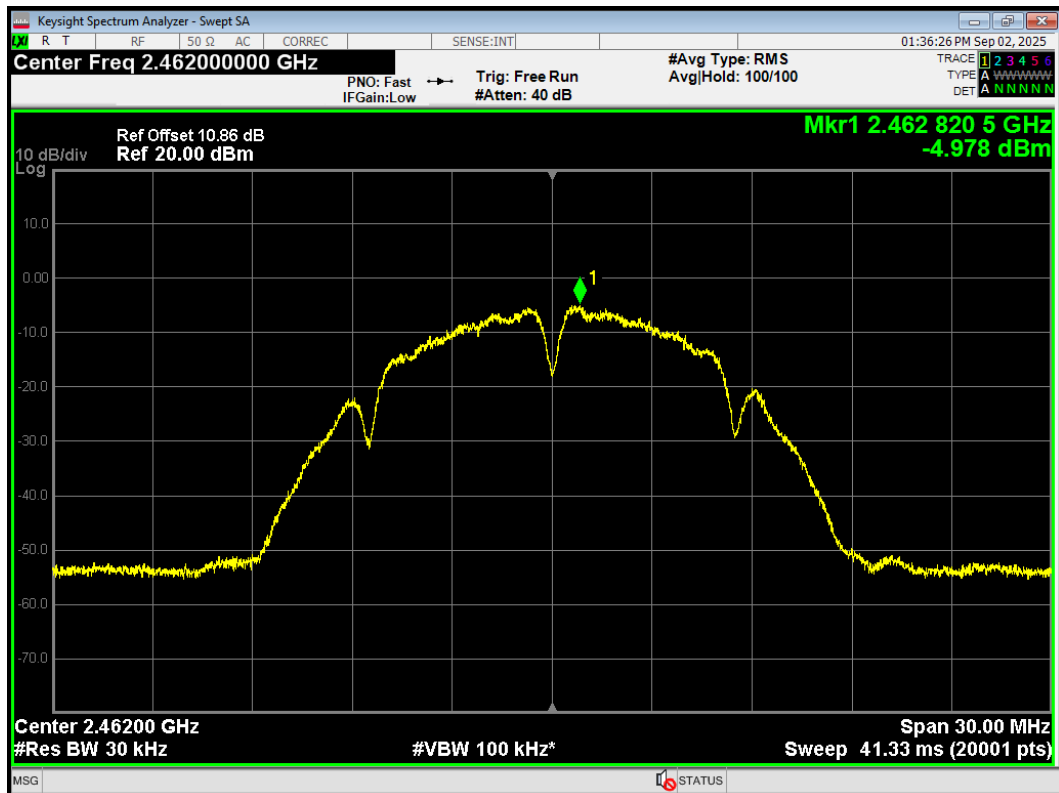
PSD 802.11b 2412MHz



PSD 802.11b 2437MHz

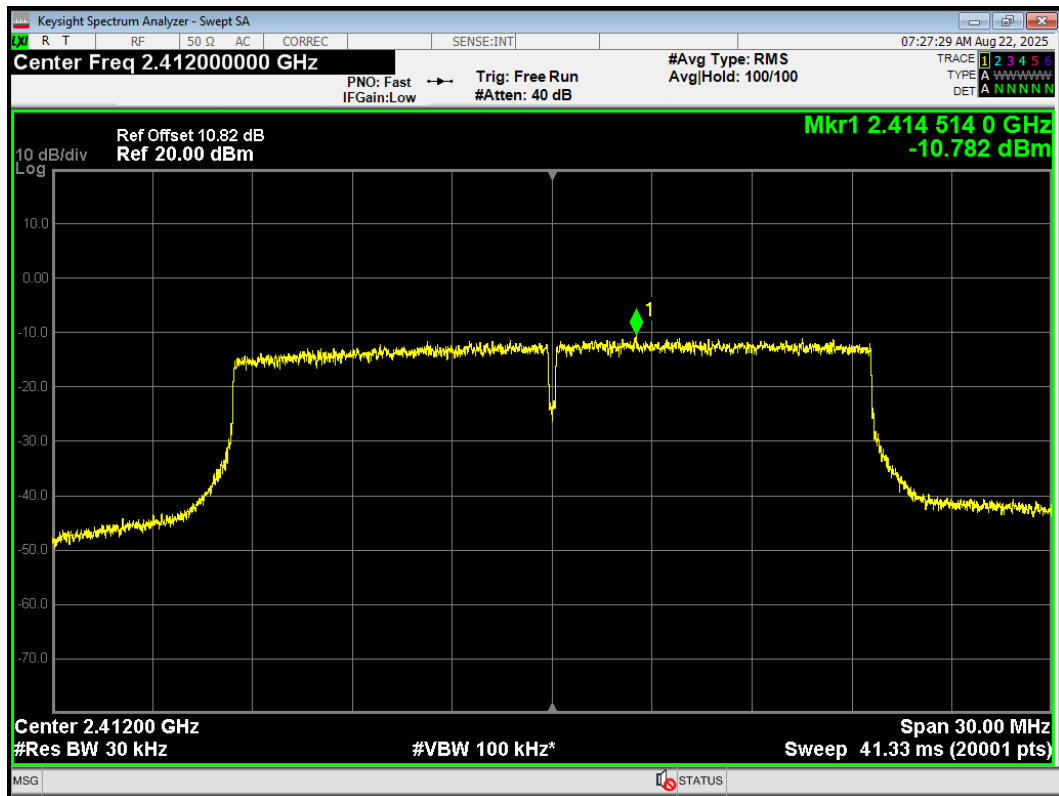


PSD 802.11b 2462MHz

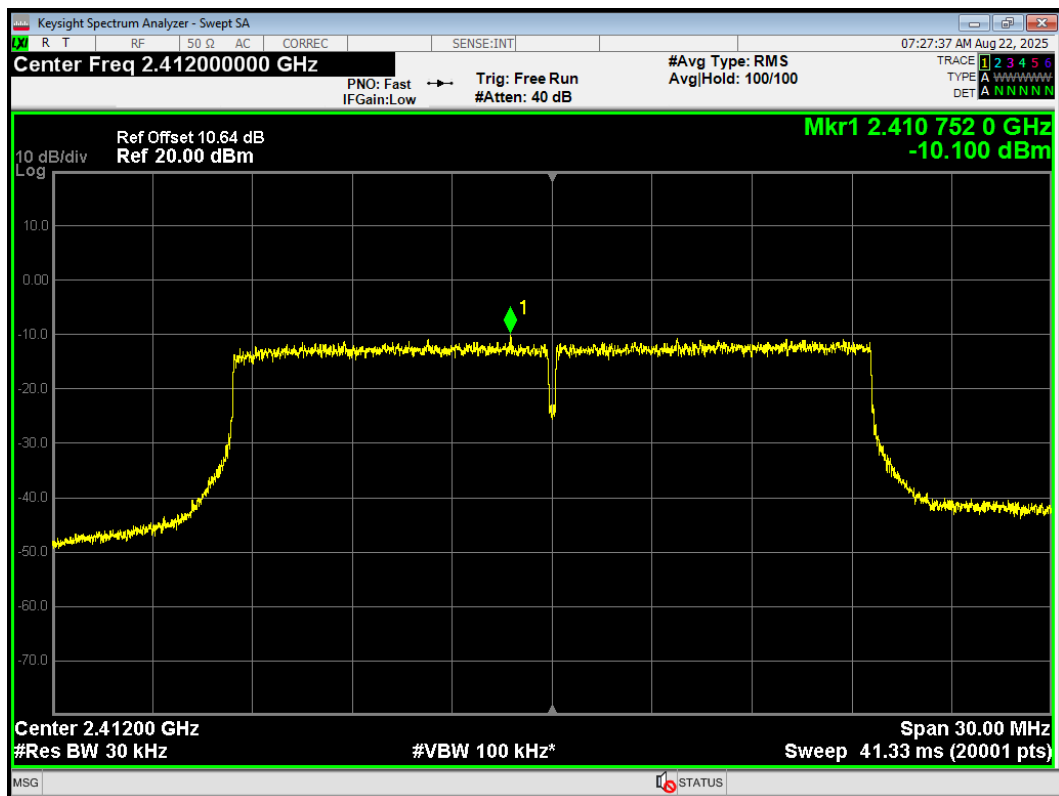


MIMO

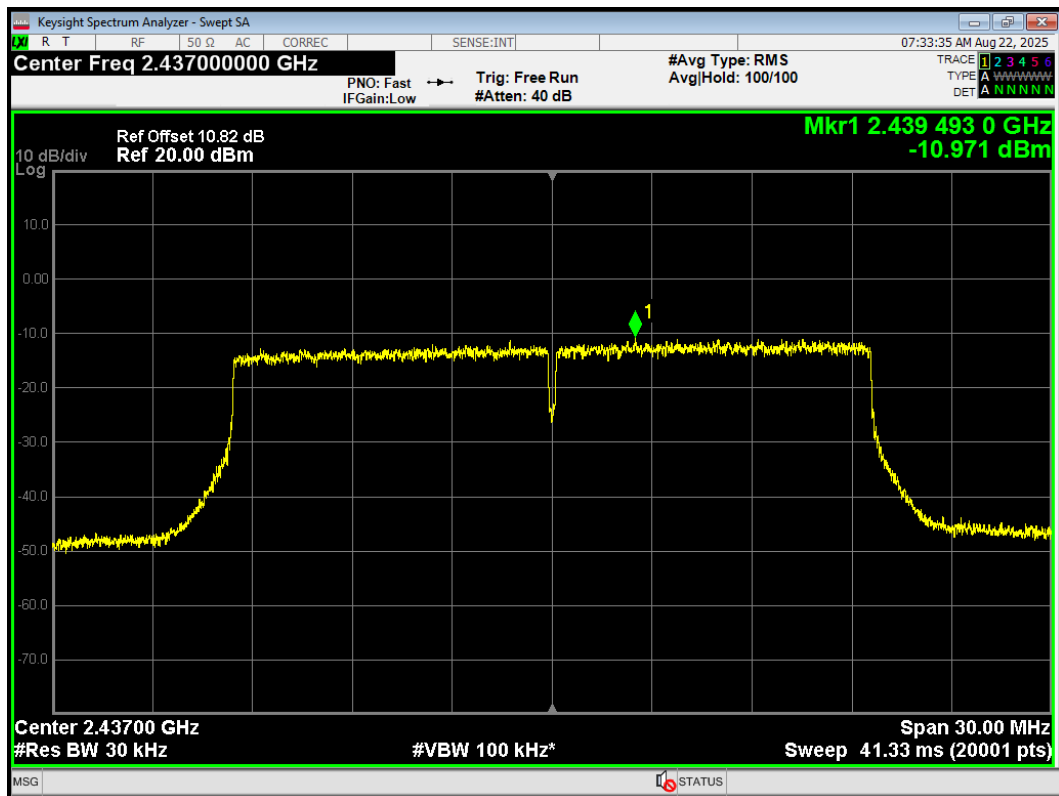
PSD 802.11ax(HE20) 2412MHz Ant1



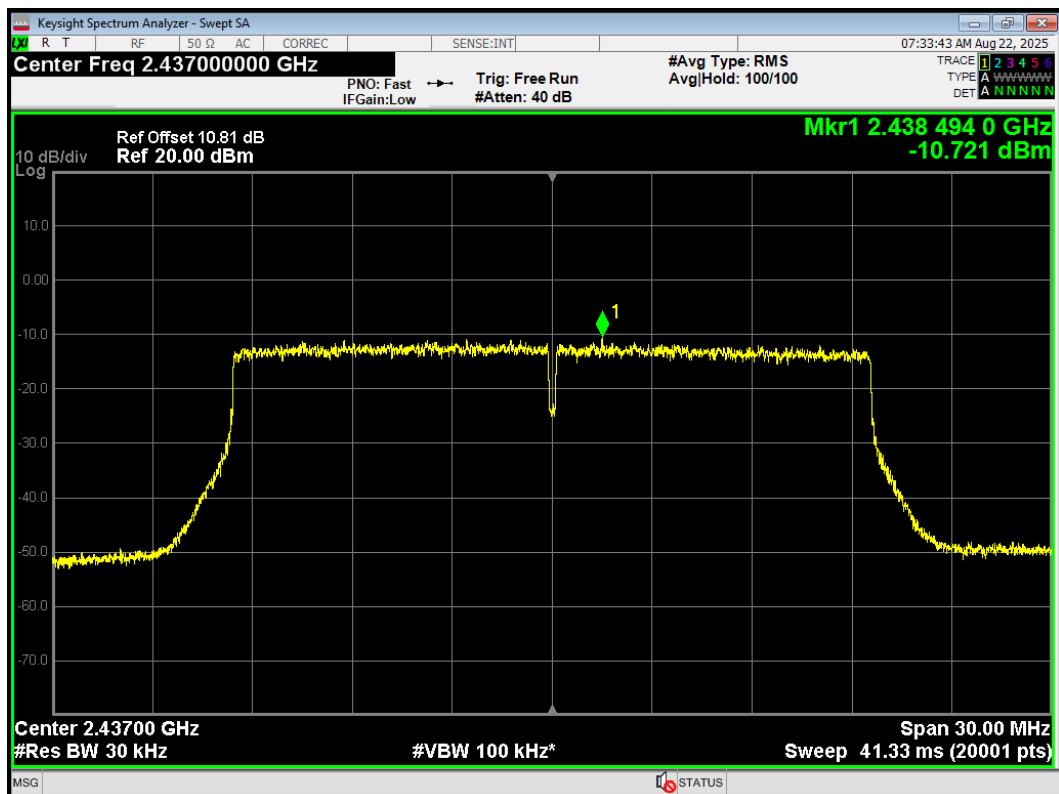
PSD 802.11ax(HE20) 2412MHz Ant2



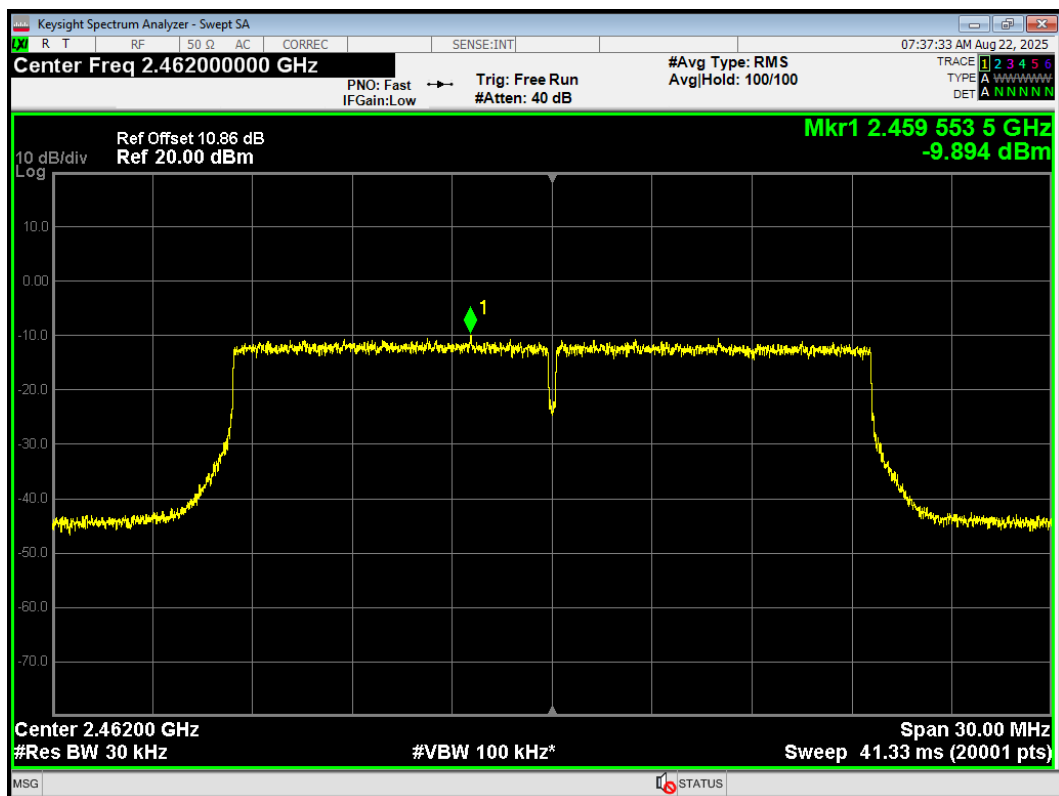
PSD 802.11ax(HE20) 2437MHz Ant1



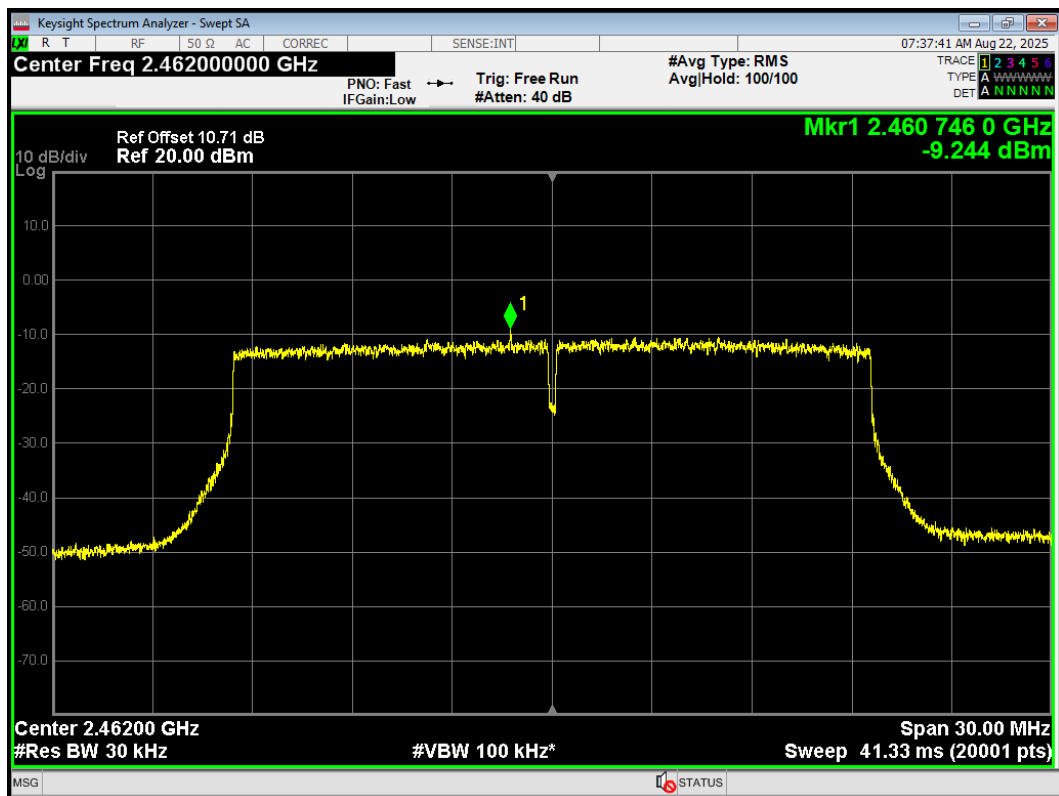
PSD 802.11ax(HE20) 2437MHz Ant2



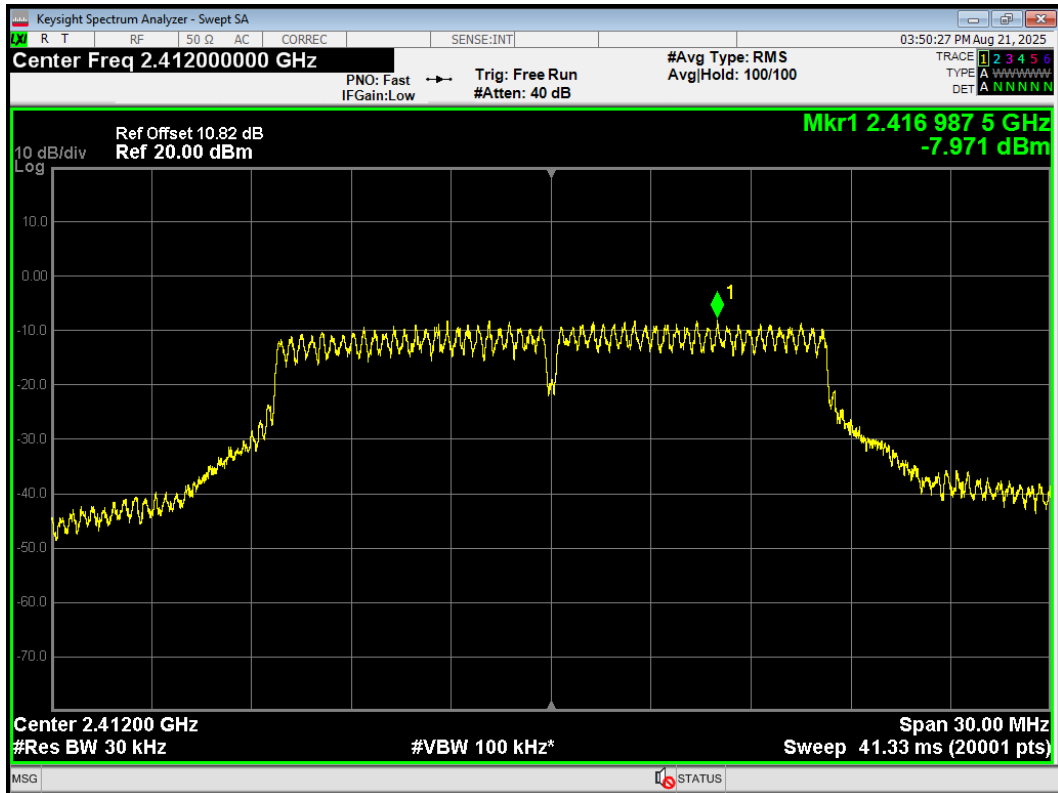
PSD 802.11ax(HE20) 2462MHz Ant1



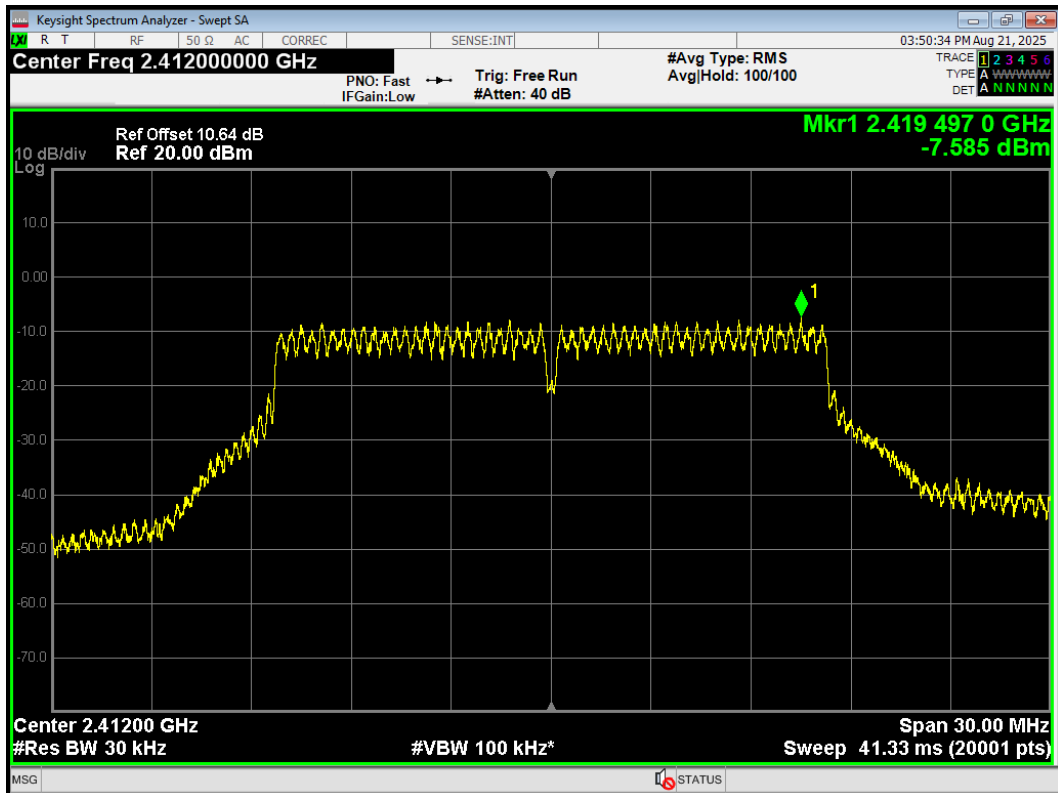
PSD 802.11ax(HE20) 2462MHz Ant2



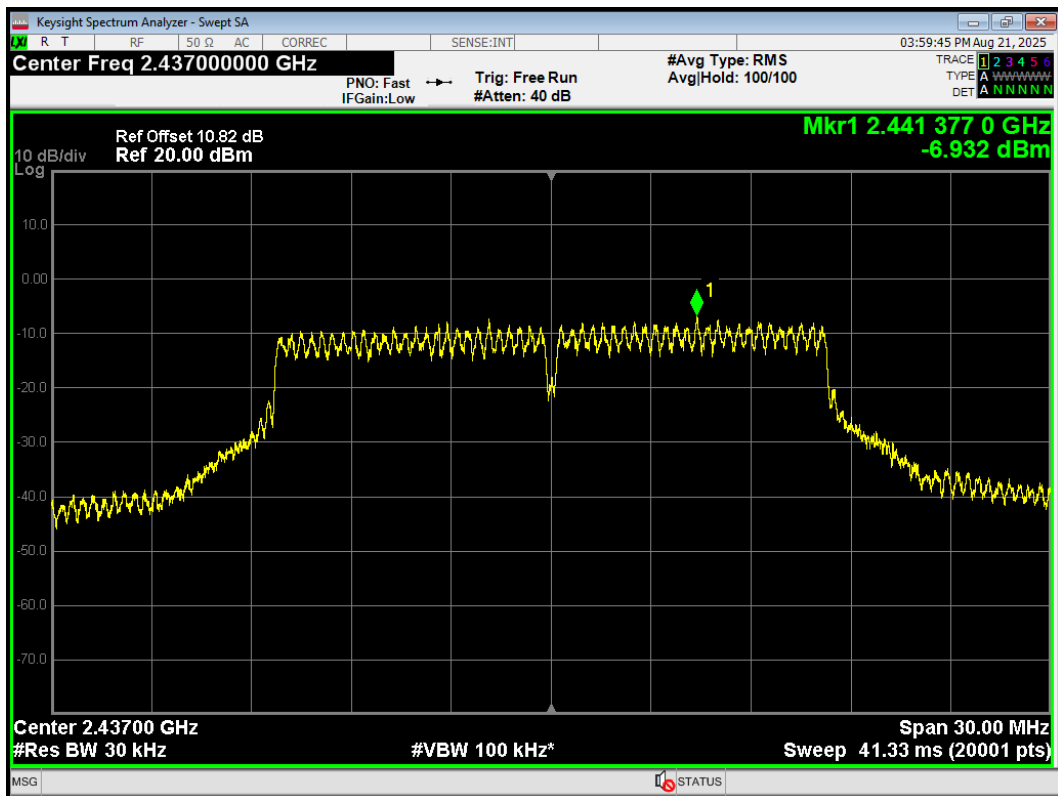
PSD 802.11g 2412MHz Ant1



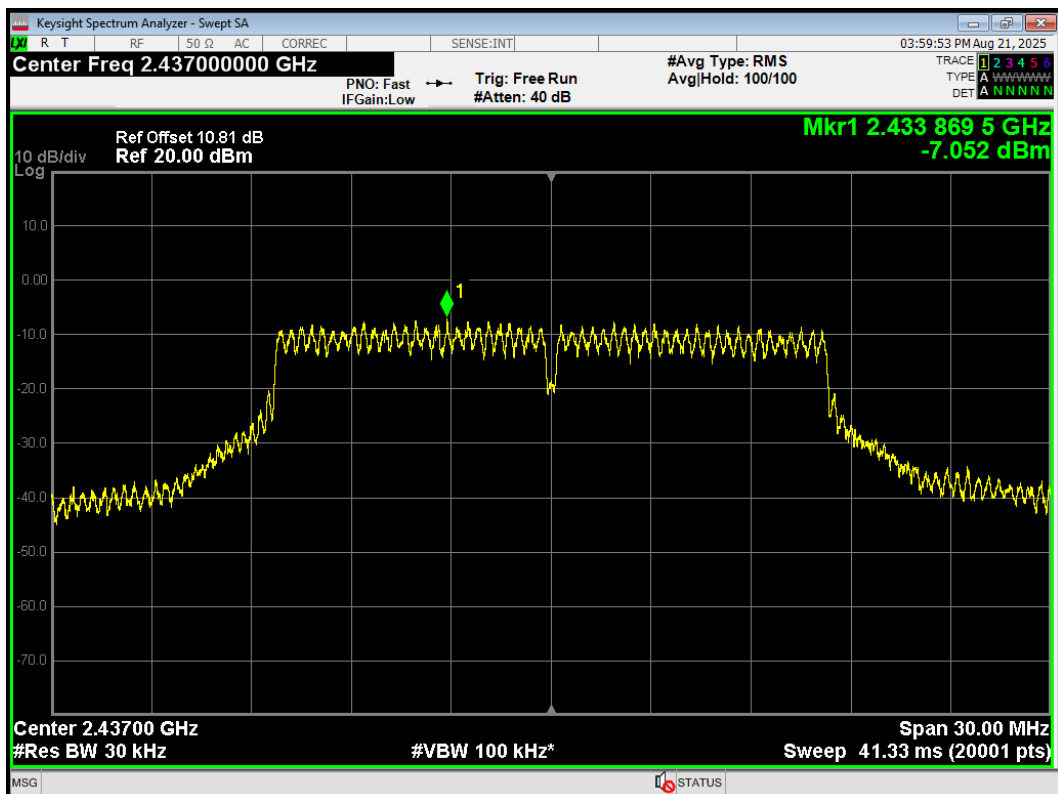
PSD 802.11g 2412MHz Ant2



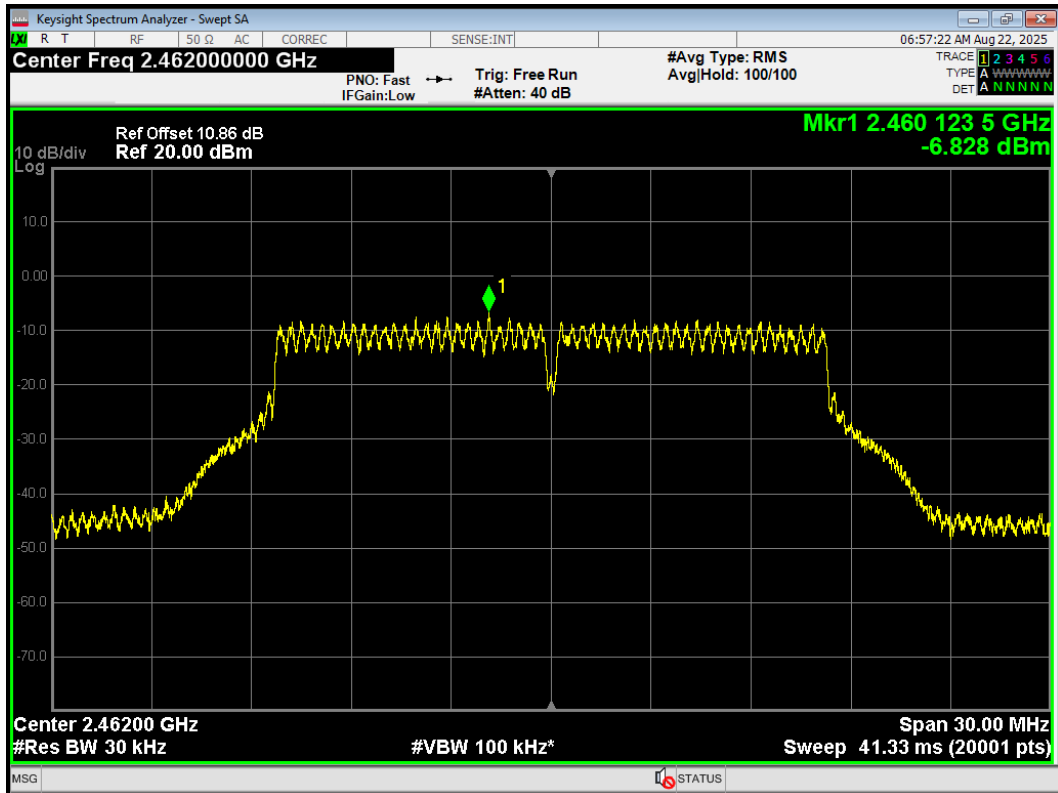
PSD 802.11g 2437MHz Ant1



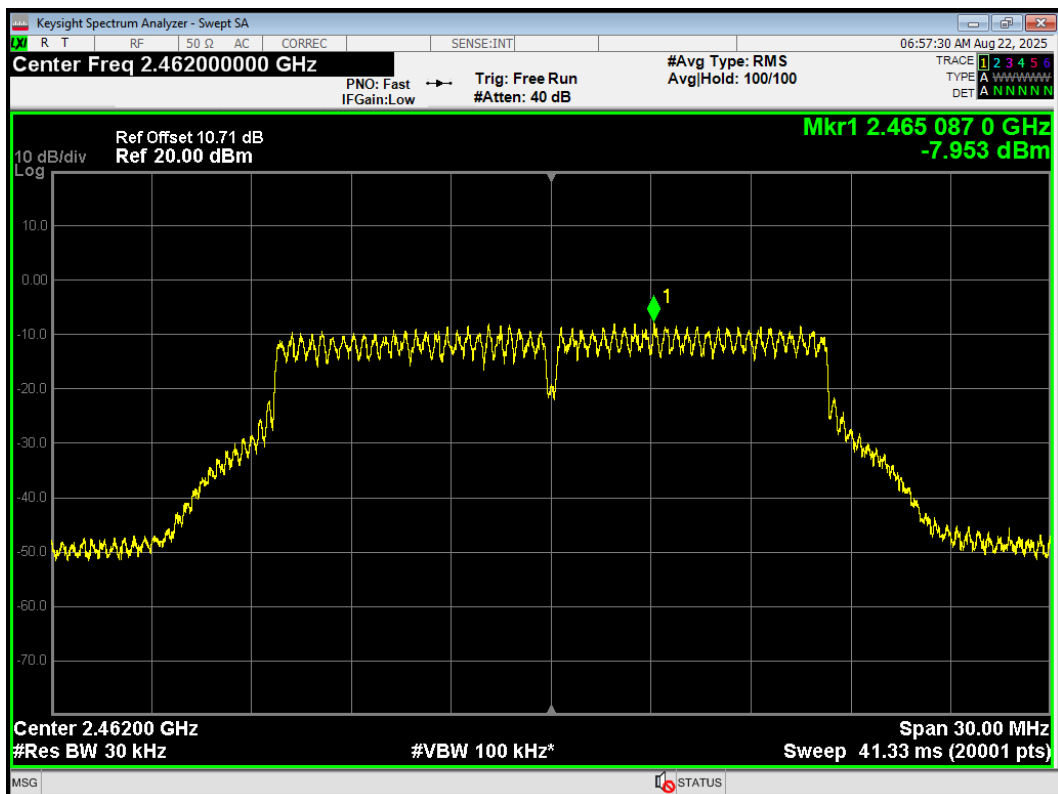
PSD 802.11g 2437MHz Ant2



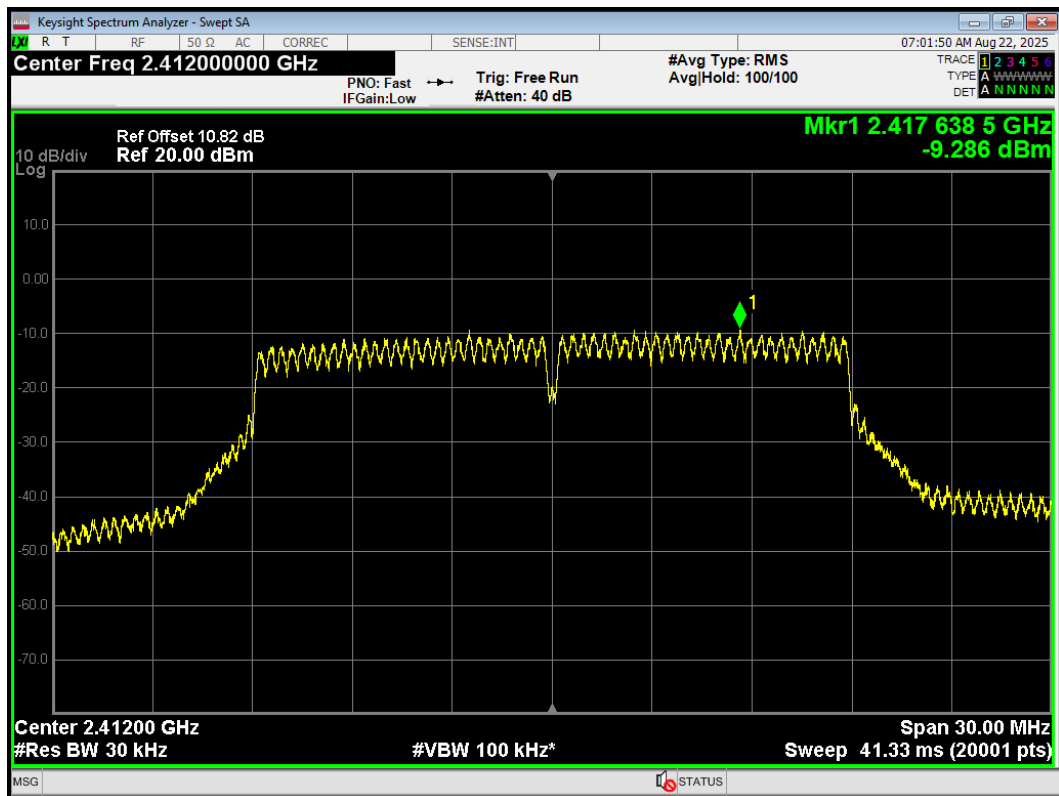
PSD 802.11g 2462MHz Ant1



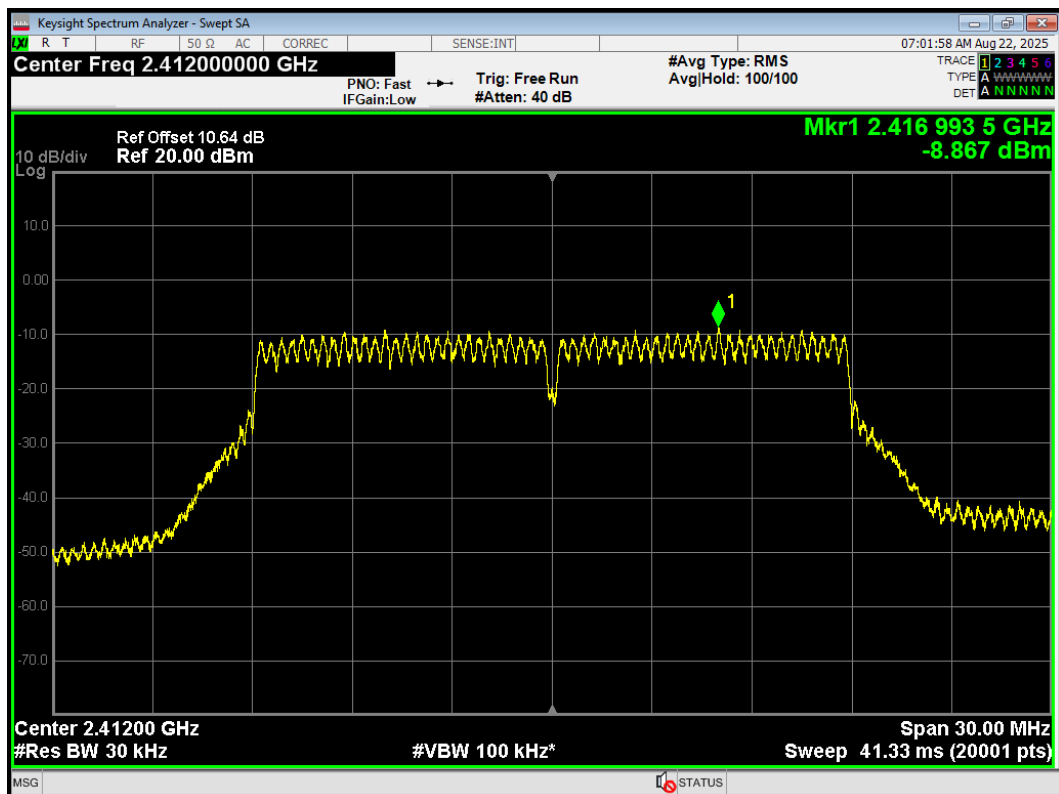
PSD 802.11g 2462MHz Ant2



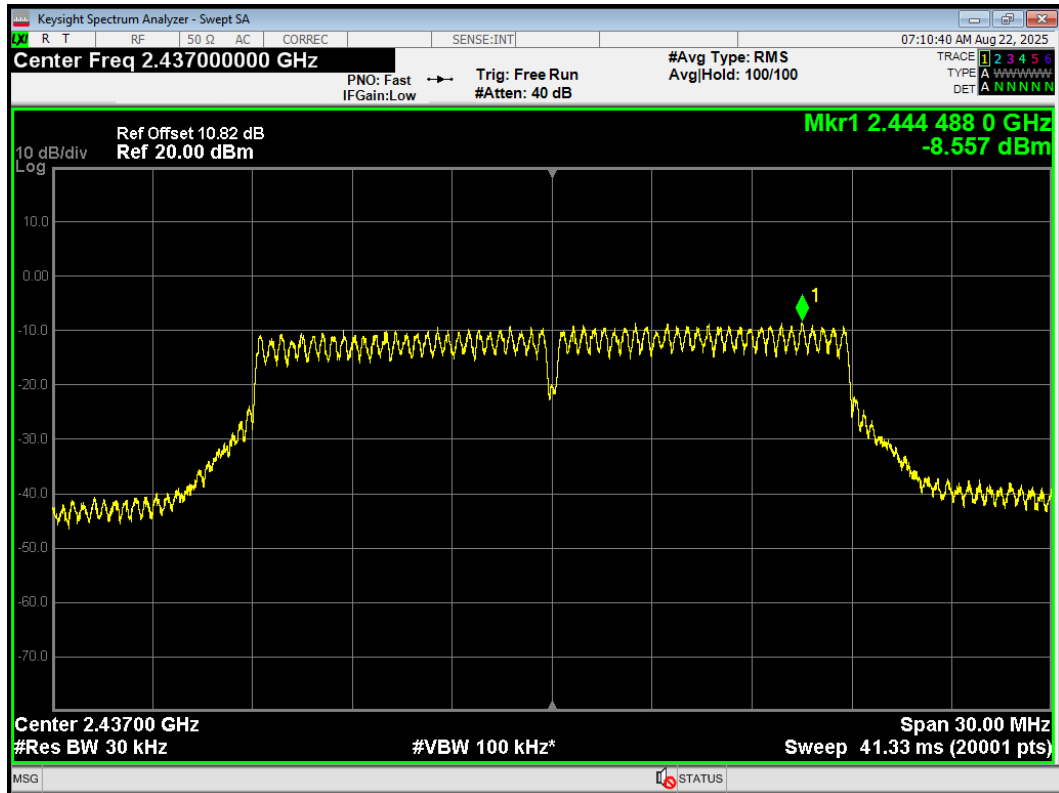
PSD 802.11n(HT20) 2412MHz Ant1



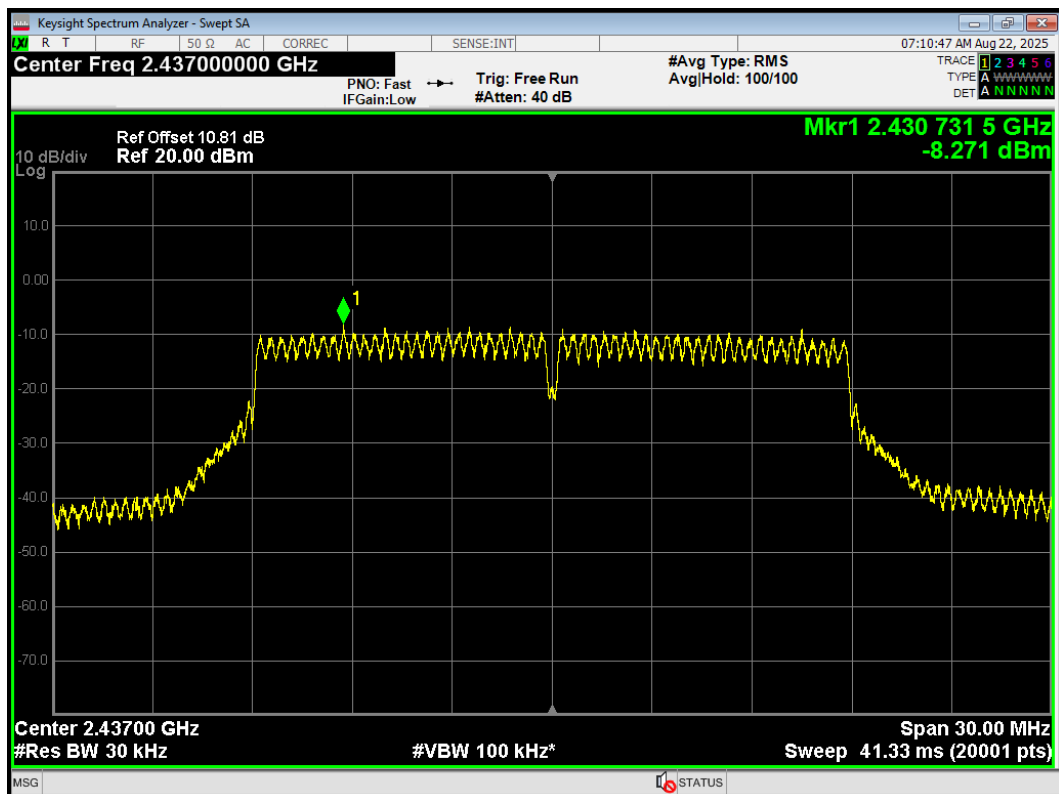
PSD 802.11n(HT20) 2412MHz Ant2



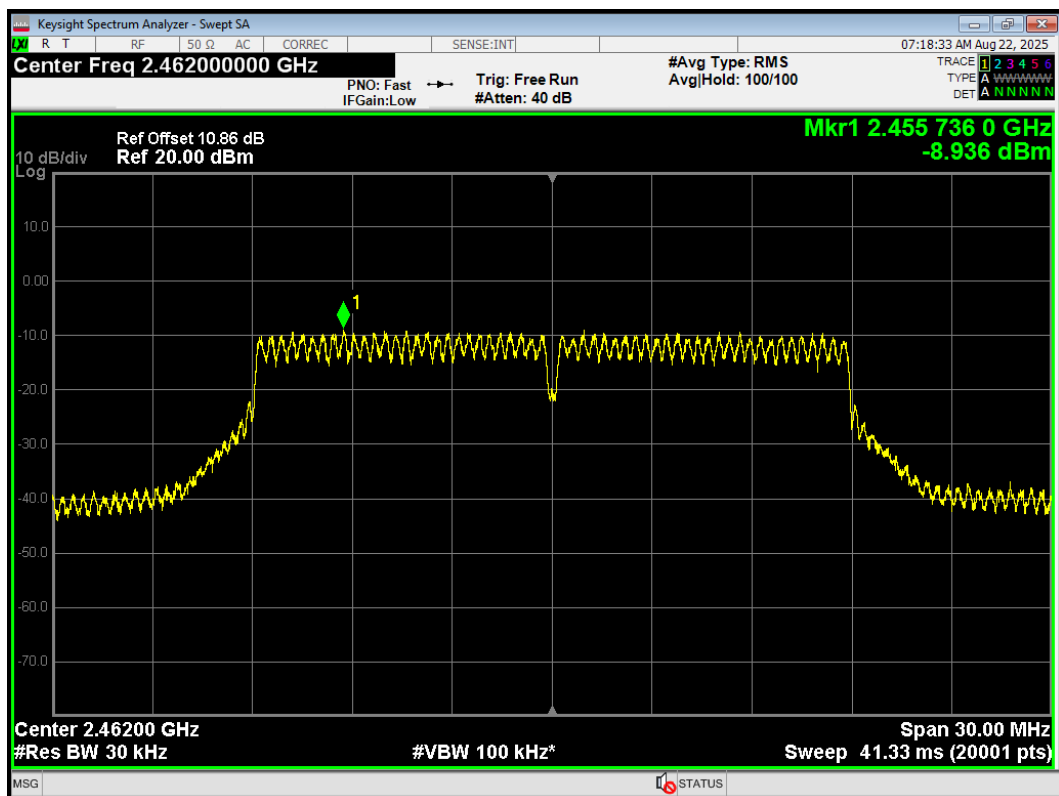
PSD 802.11n(HT20) 2437MHz Ant1



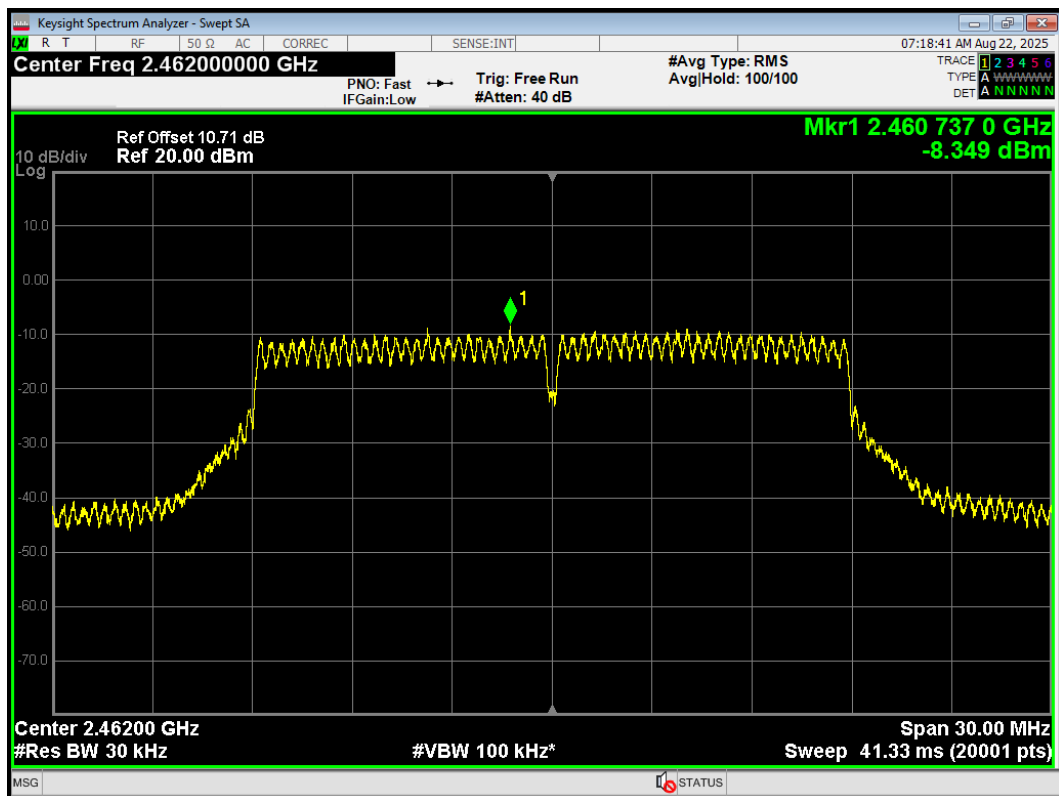
PSD 802.11n(HT20) 2437MHz Ant2



PSD 802.11n(HT20) 2462MHz Ant1



PSD 802.11n(HT20) 2462MHz Ant2



Variant

Test Mode	Carrier frequency (MHz) / Channel	Read Value (dBm / 3kHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Conclusion
Bluetooth LE (2M)	2402/CH0	-15.19	-10.13	8	PASS

Note: Power Spectral Density =Read Value+Duty cycle correction factor

MIMO

Test Mode	Carrier frequency (MHz)/ Channel	Power Spectral Density				Total PSD	Limit (dBm / 3kHz)	Conclusion
		Antenna 1		Antenna 2				
		Read Value (dBm / 30kHz)	Power Spectral Density (dBm / 3kHz)	Read Value (dBm / 30kHz)	Power Spectral Density (dBm / 3kHz)	(dBm / 3kHz)		
802.11g	2437/CH 6	-6.92	-16.49	-6.51	-16.08	-13.27	8	PASS

Note: 1.Power Spectral Density (dBm/3kHz) =Read Value+Duty cycle correction factor + 10*LOG10(3 / 30)

2. For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)

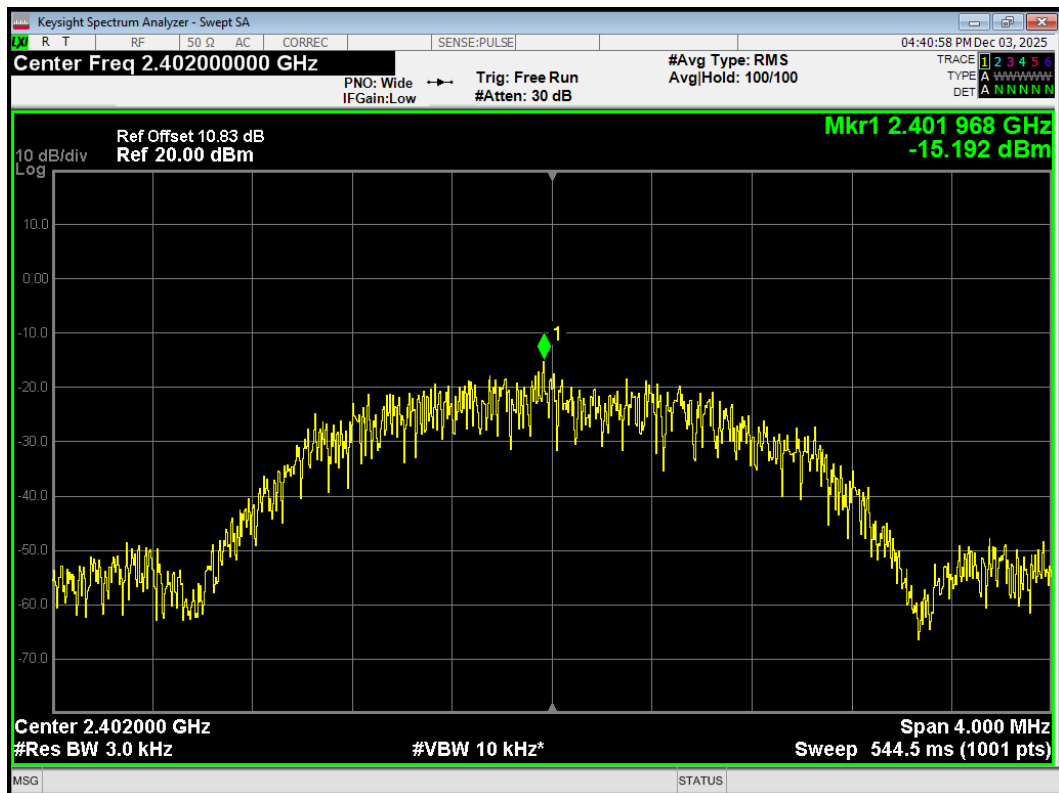
The power spectral density= $10\log(10^{(\text{PSD antenna1 in dBm}/10)} + 10^{(\text{PSD antenna2 in dBm}/10)})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream:

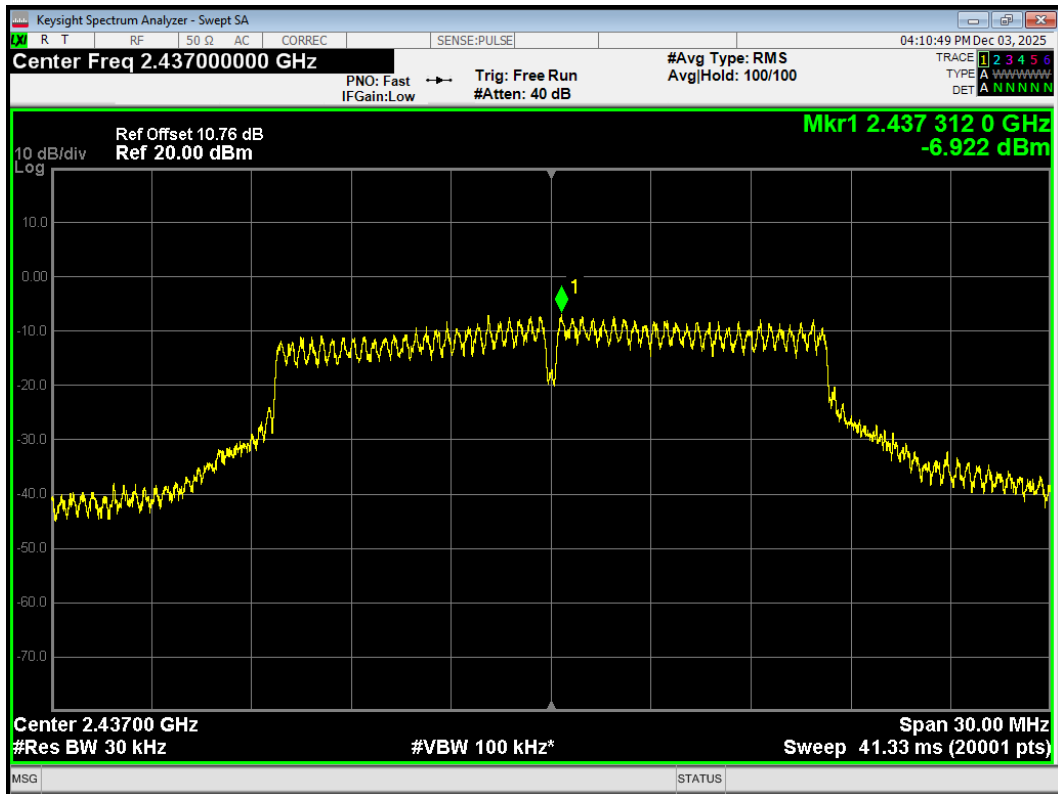
Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;For power spectral density (PSD) measurements on all devices,

Directional gain = GANT MAX + Array Gain= 0.88+3.01=3.89 dBi<6dBi. So the power limit is 8dBm / 3kHz.

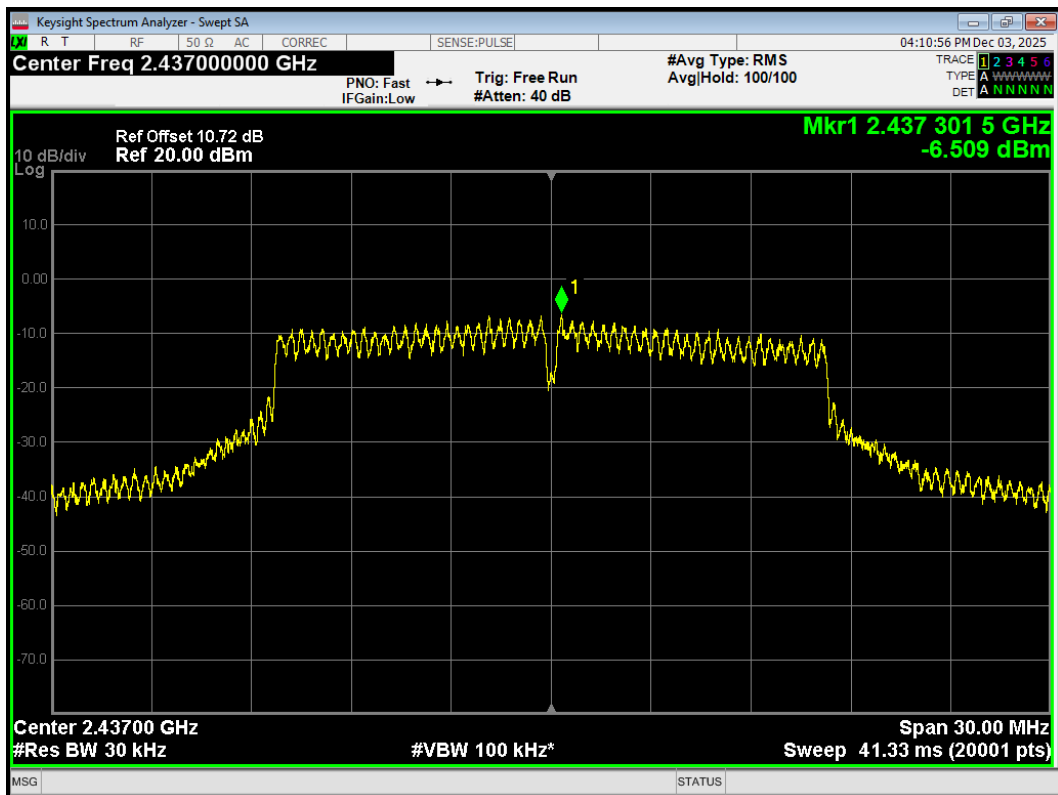
PSD BLE (2M) 2402MHz



PSD 802.11g 2437MHz Ant1



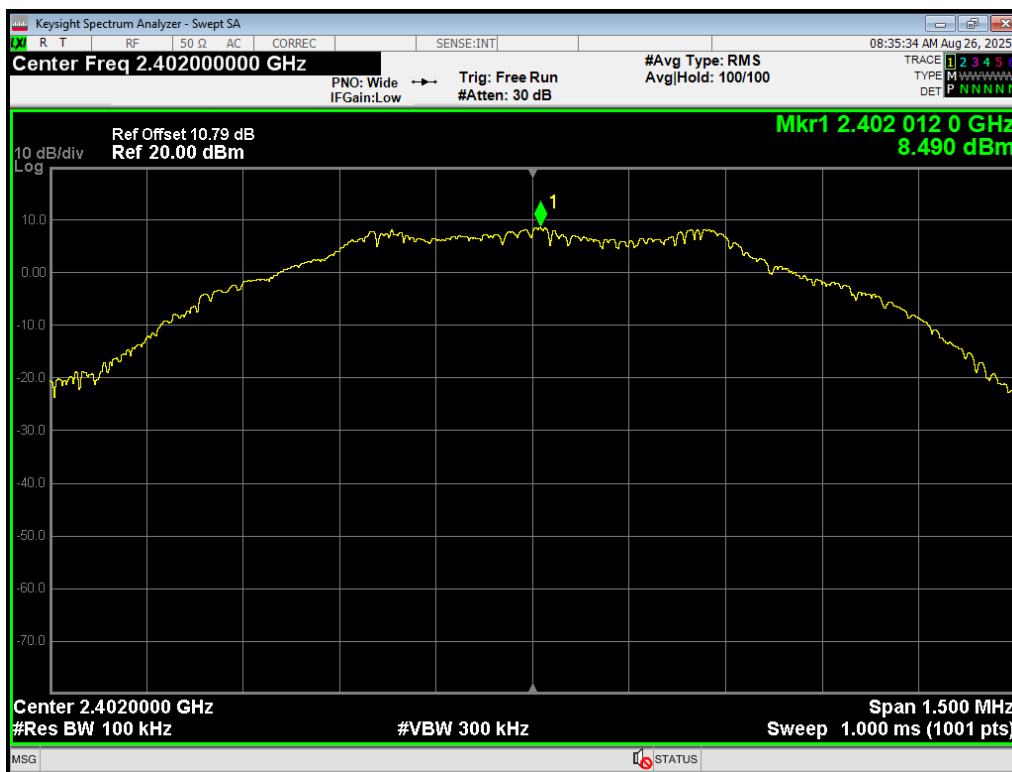
PSD 802.11g 2437MHz Ant2



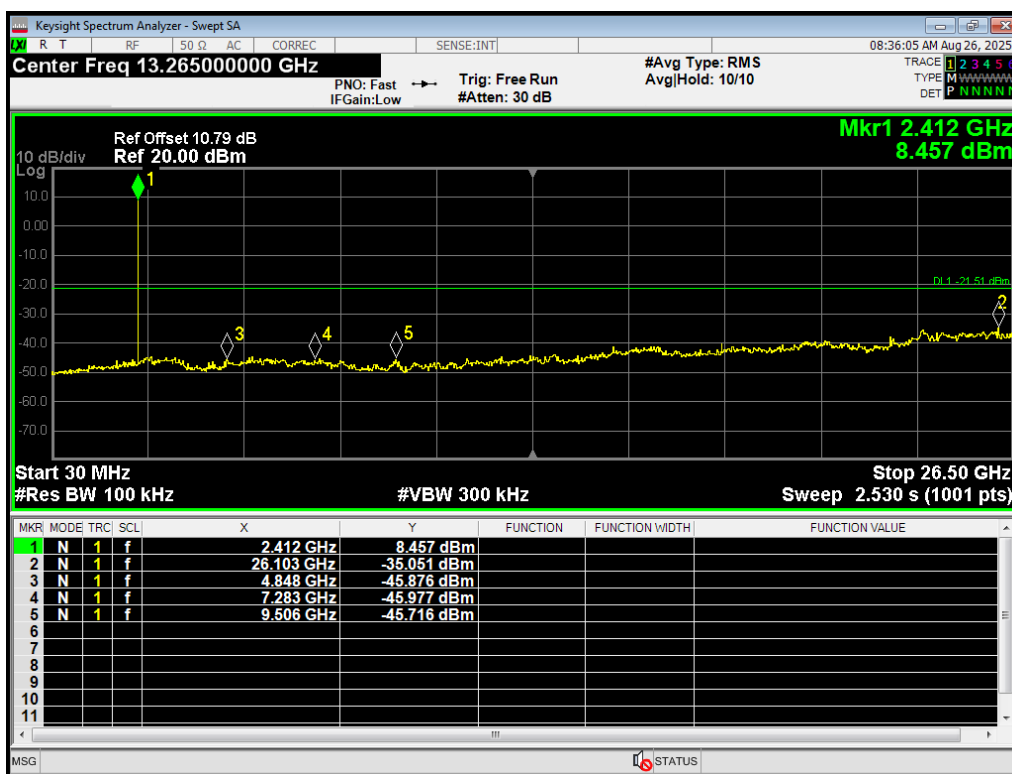
6.5. Spurious RF Conducted Emissions

Original

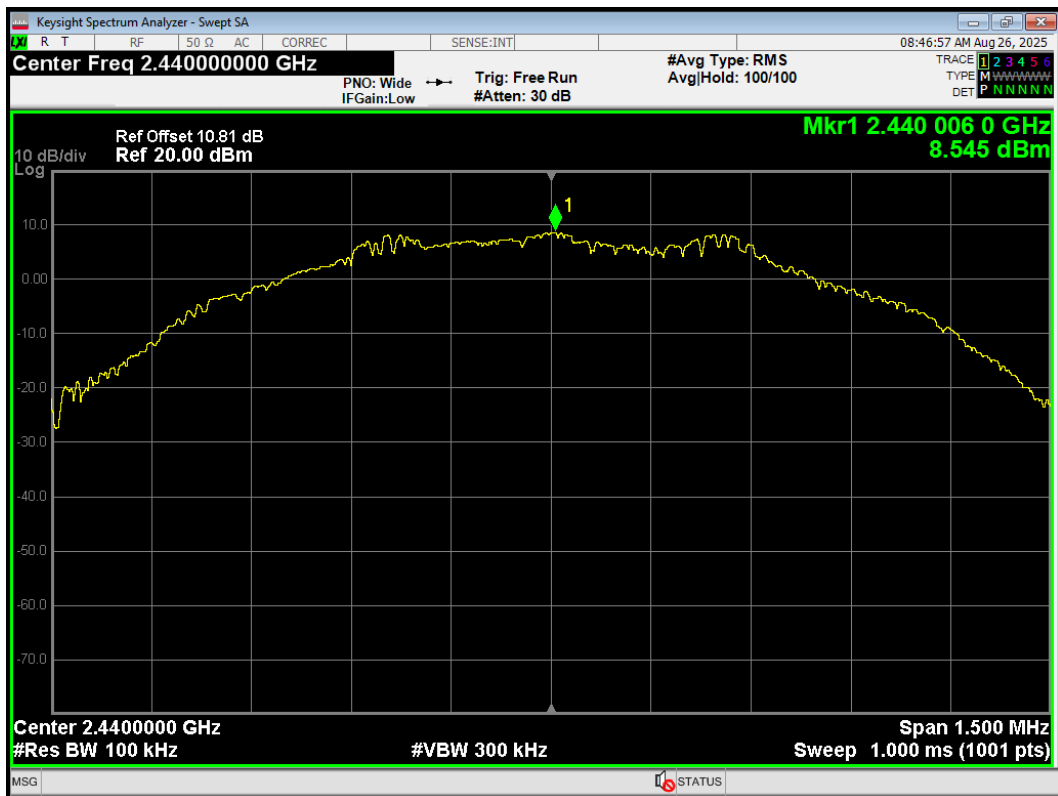
Tx. Spurious BLE (1M)2402MHz Ref



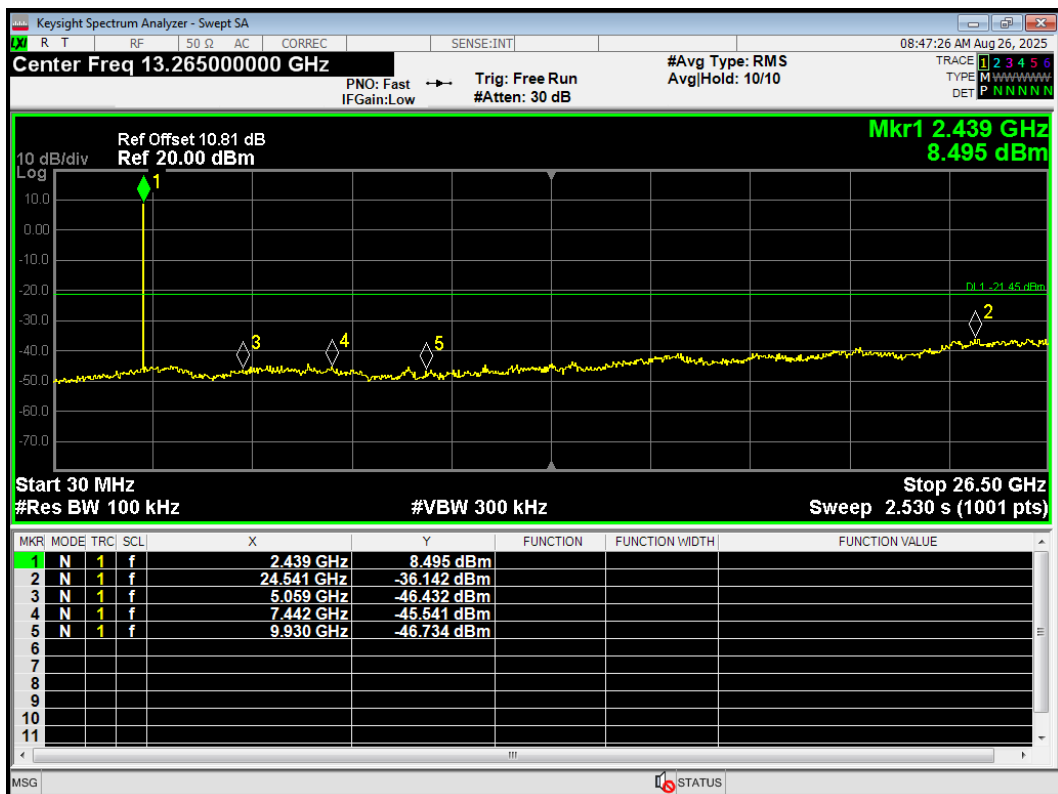
Tx. Spurious BLE (1M)2402MHz Emission



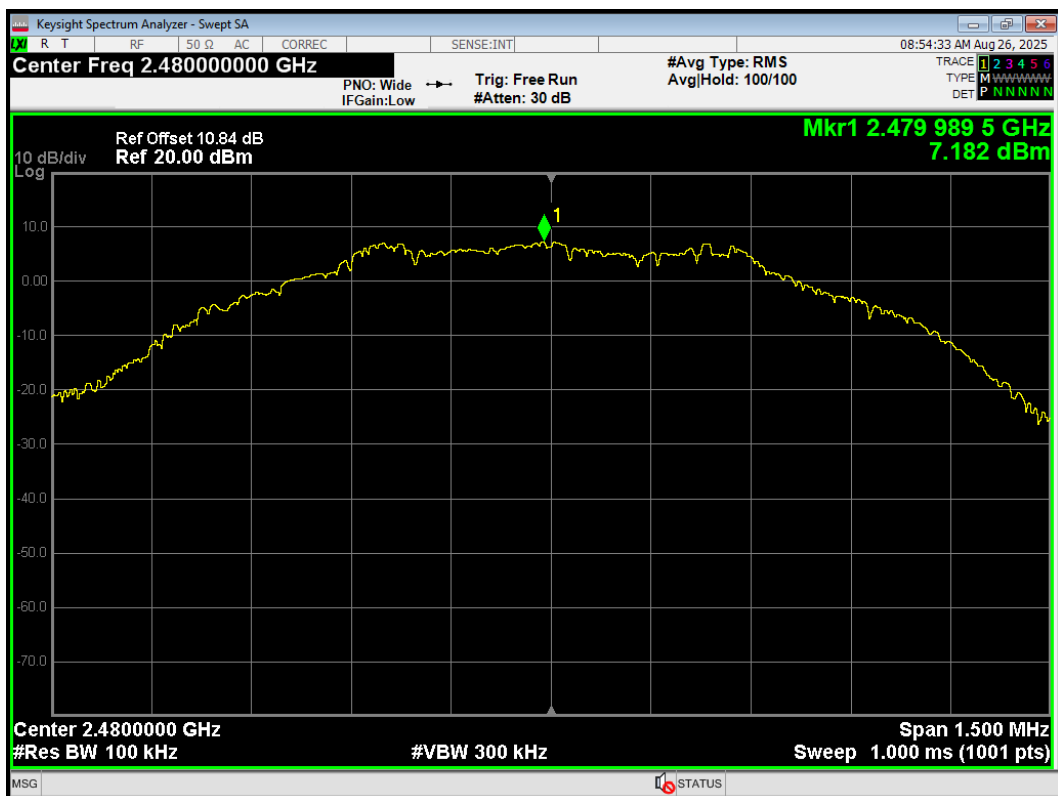
Tx. Spurious BLE (1M)2440MHz Ref



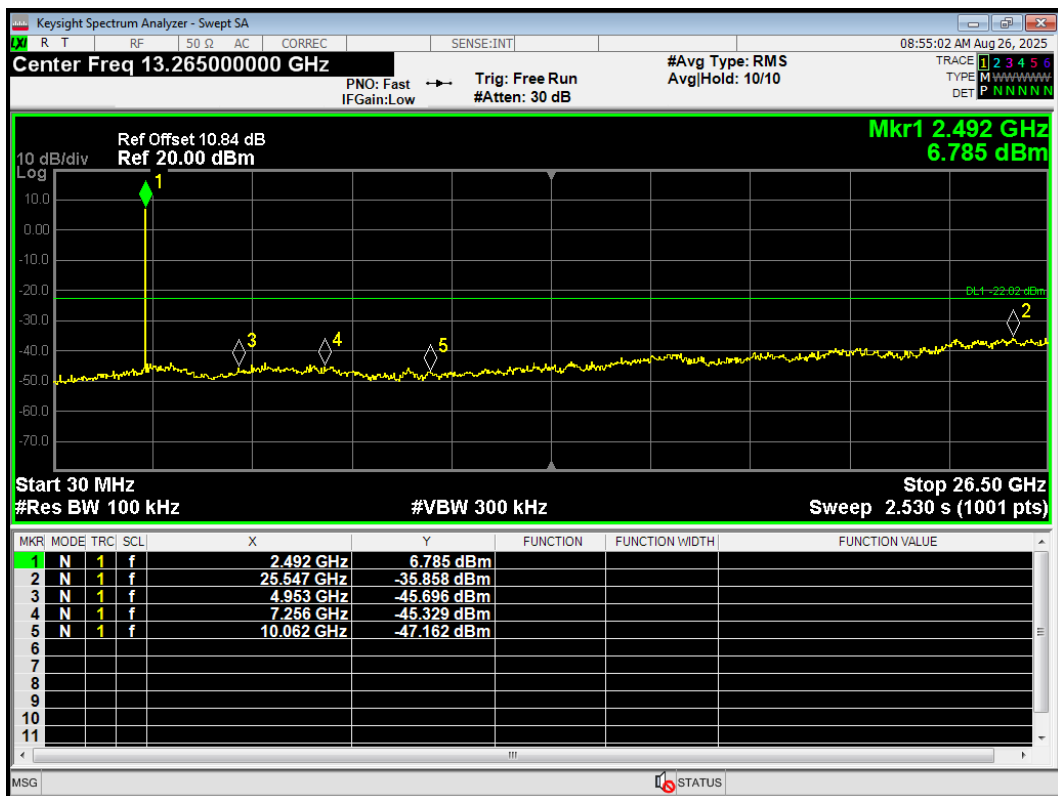
Tx. Spurious BLE (1M)2440MHz Emission



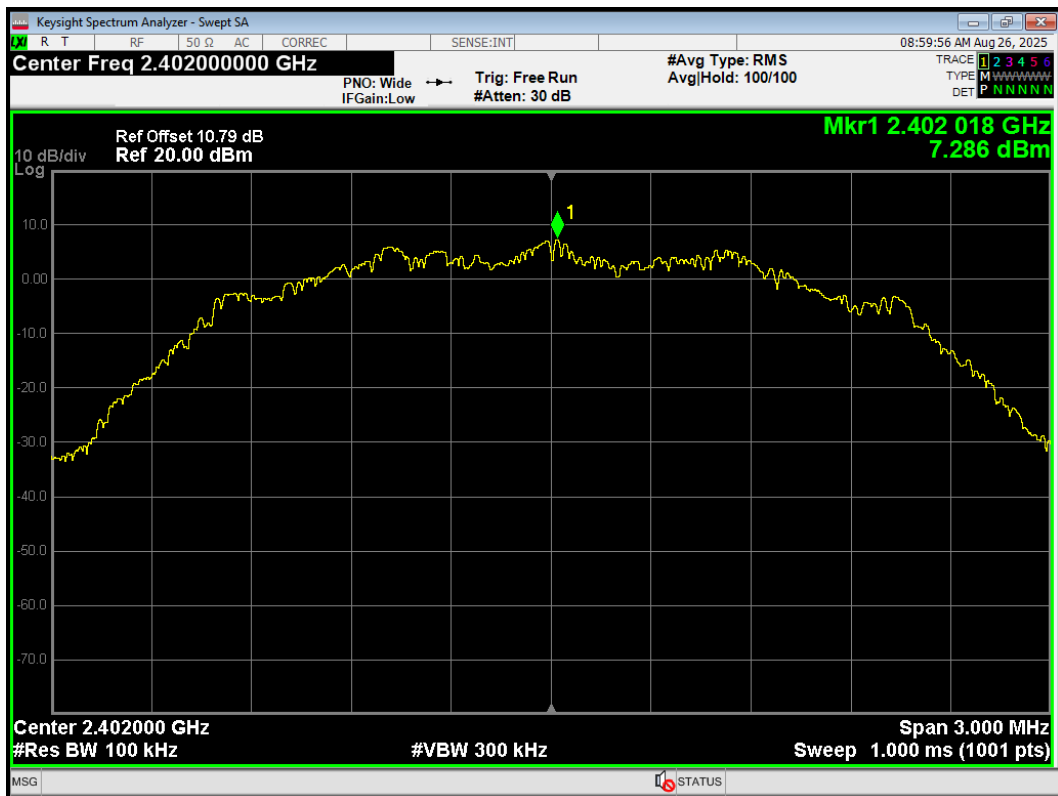
Tx. Spurious BLE (1M)2480MHz Ref



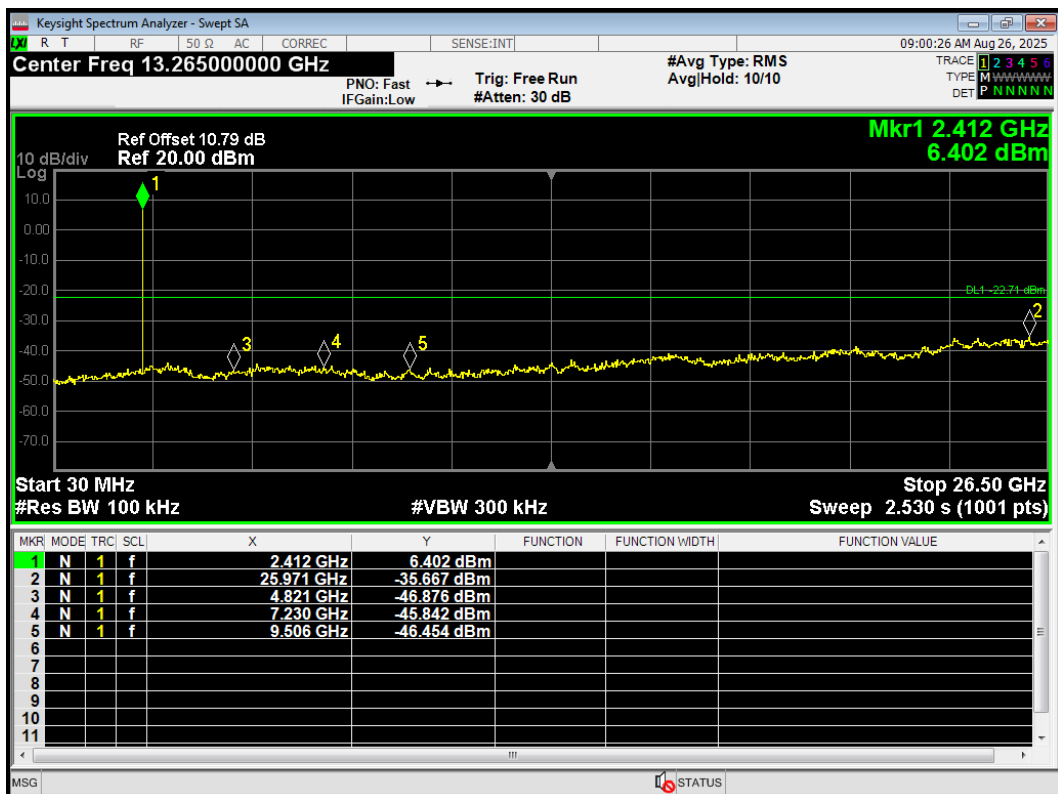
Tx. Spurious BLE (1M)2480MHz Emission



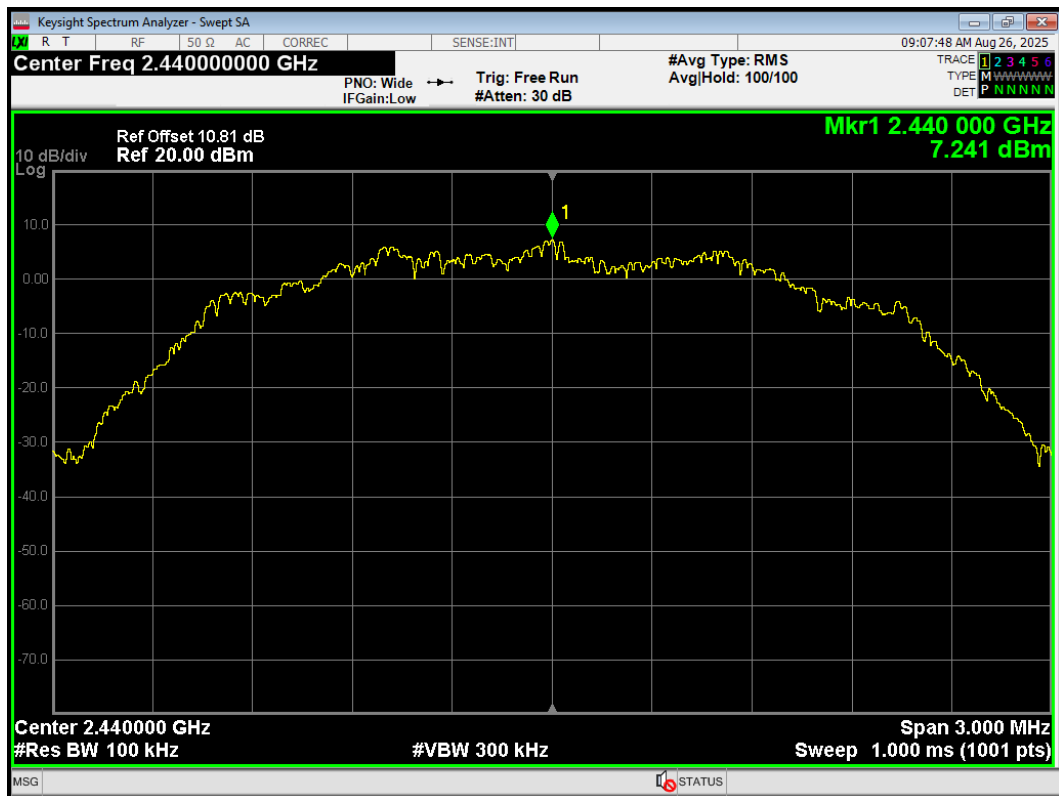
Tx. Spurious BLE (2M) 2402MHz Ref



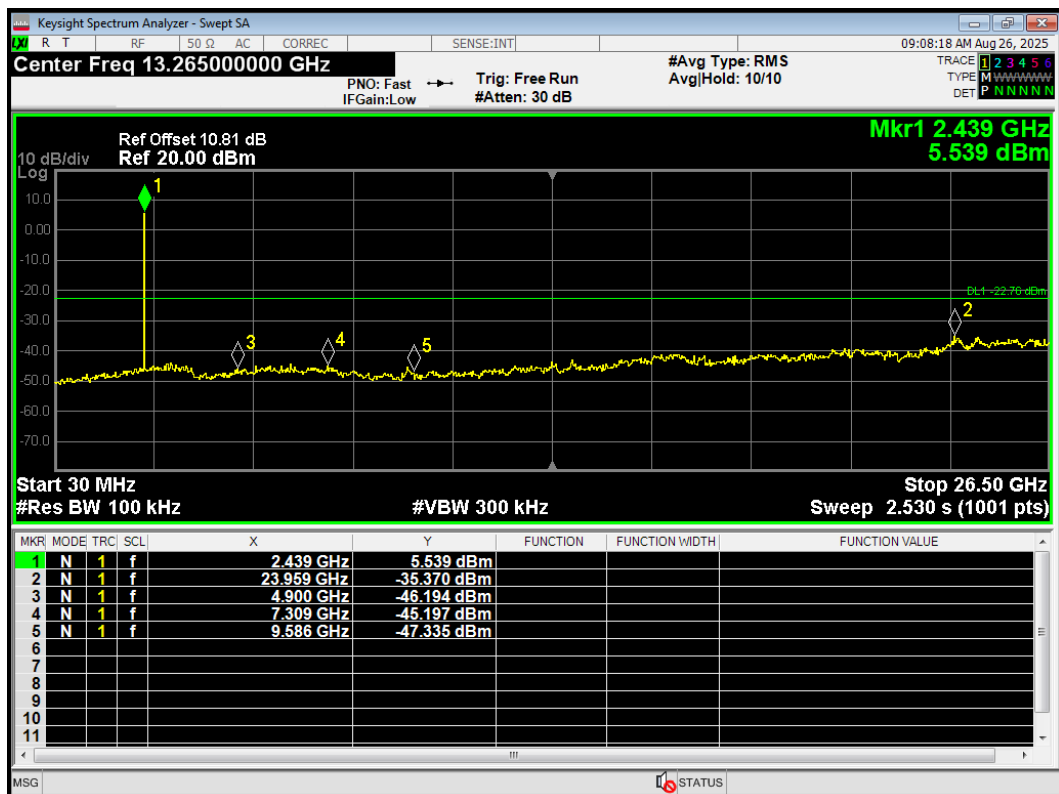
Tx. Spurious BLE (2M) 2402MHz Emission



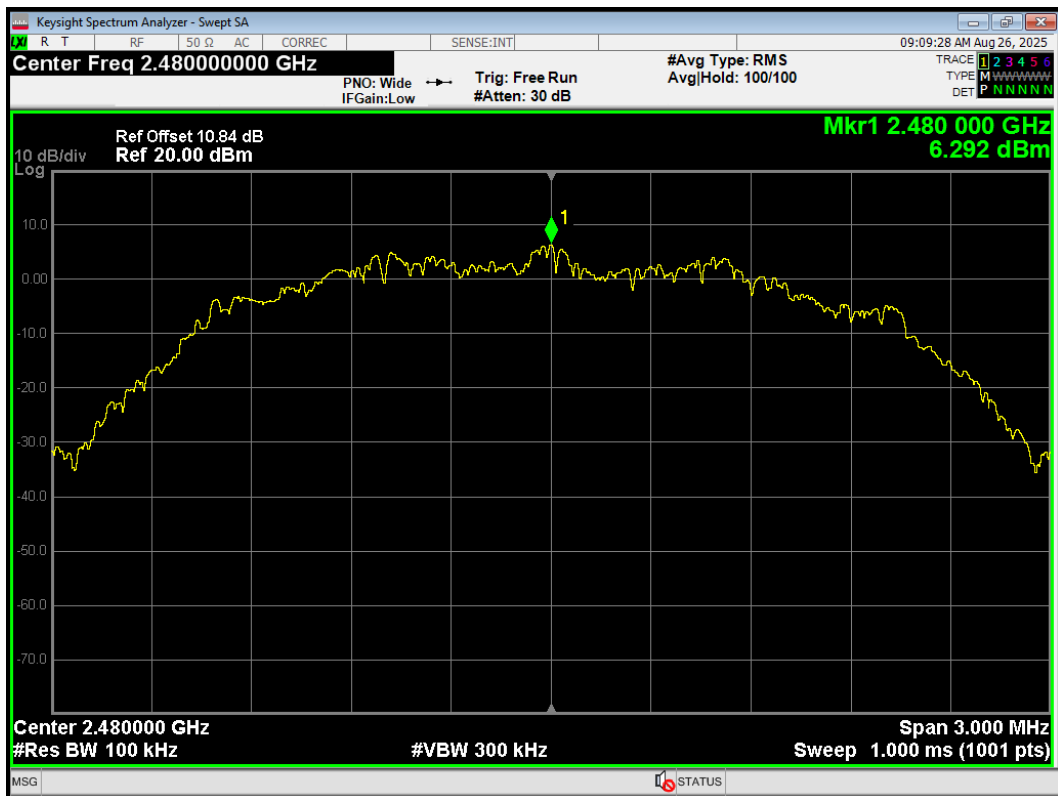
Tx. Spurious BLE (2M) 2440MHz Ref



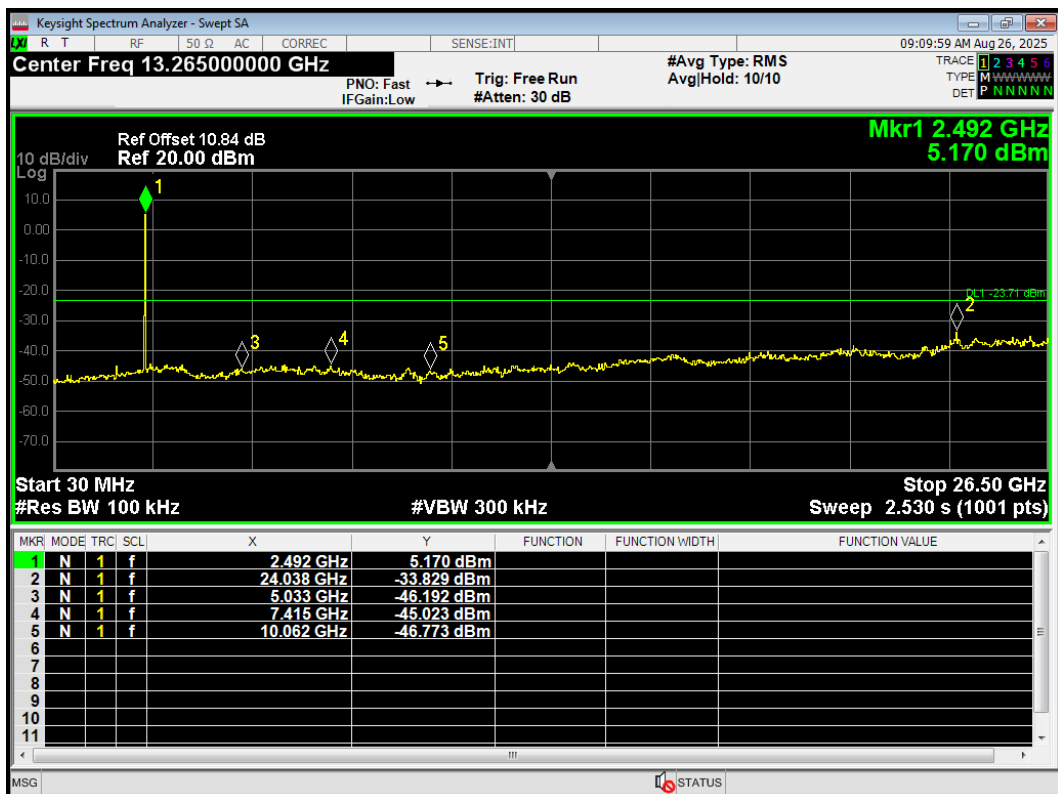
Tx. Spurious BLE (2M) 2440MHz Emission



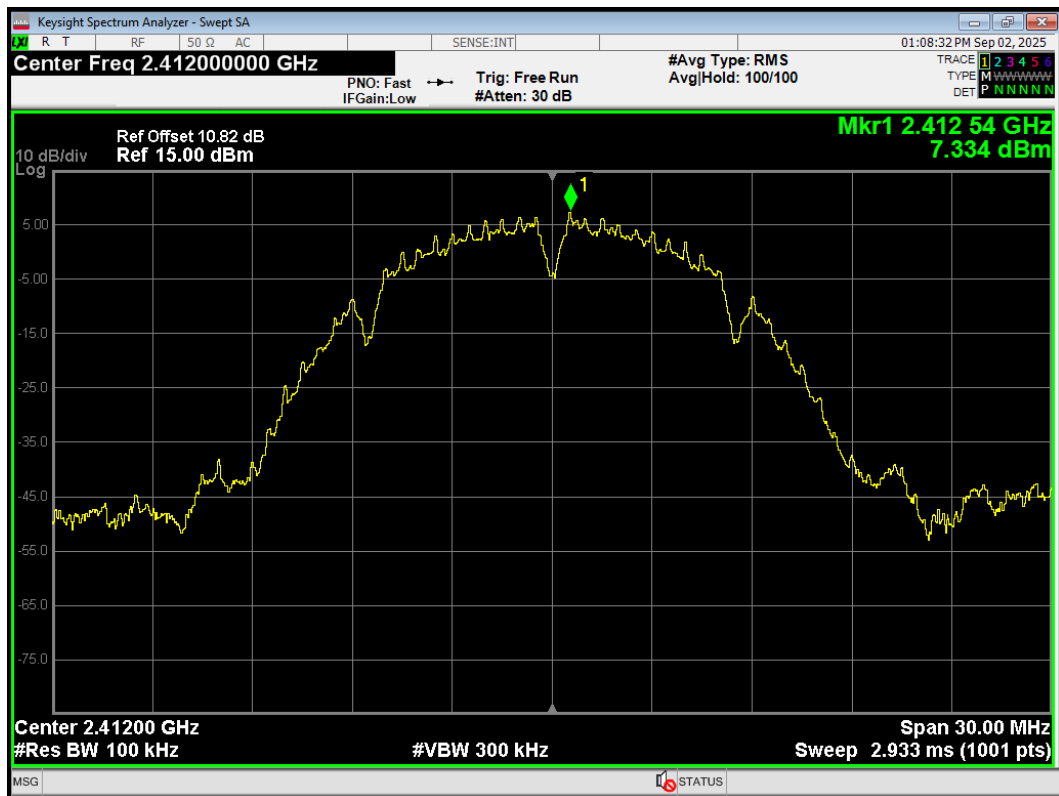
Tx. Spurious BLE (2M) 2480MHz Ref



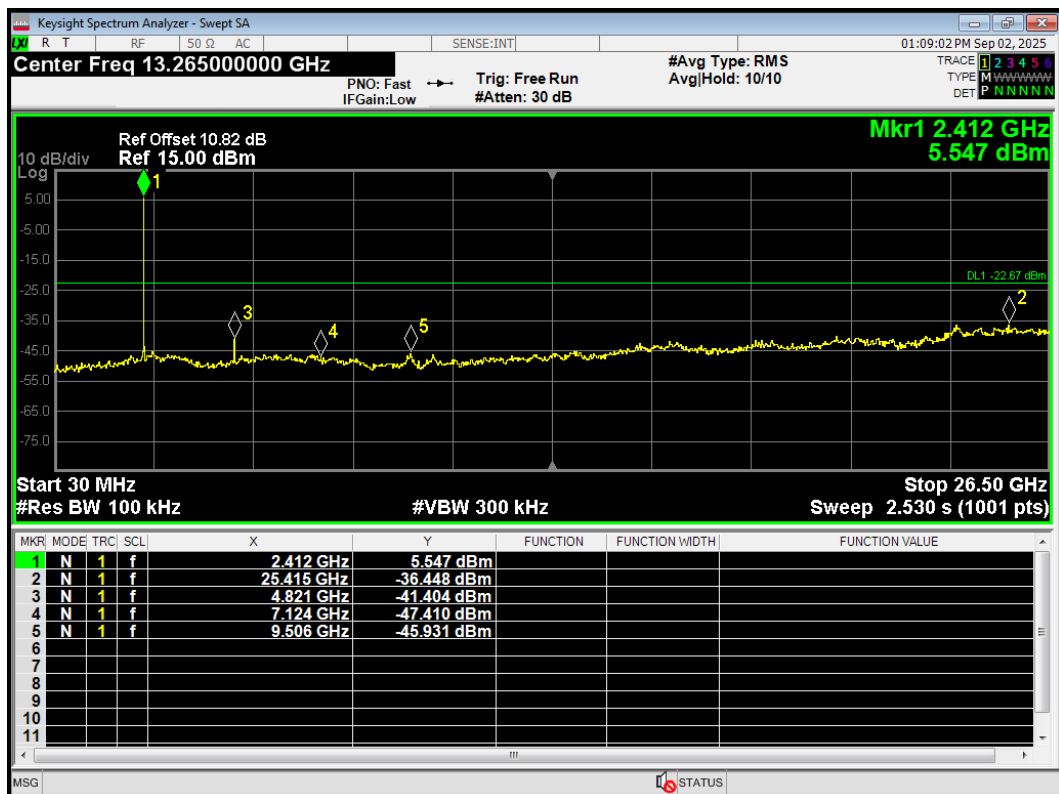
Tx. Spurious BLE (2M) 2480MHz Emission



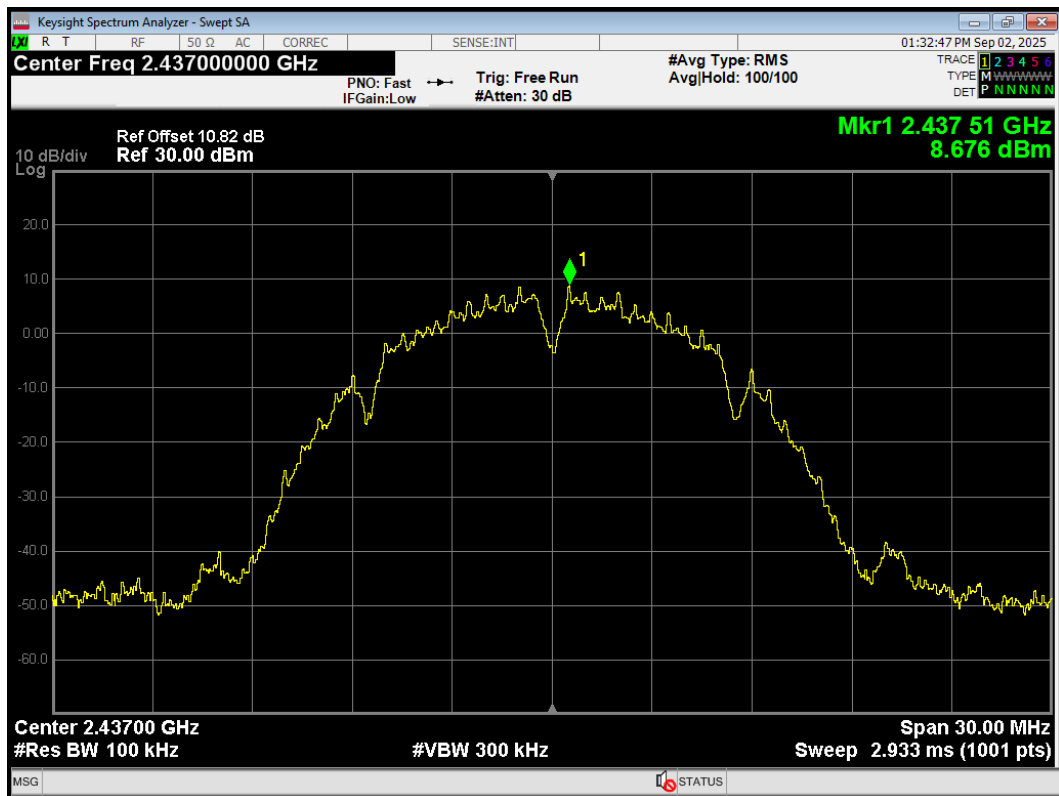
Tx. Spurious 802.11b 2412MHz Ref



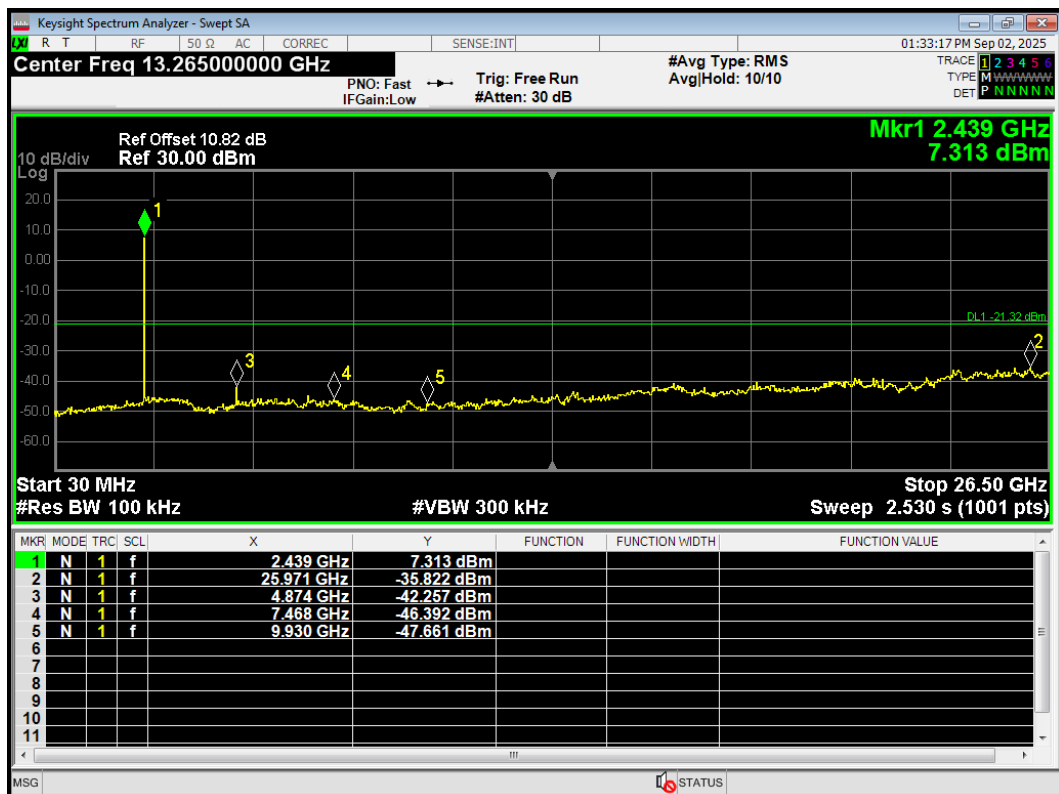
Tx. Spurious 802.11b 2412MHz Emission



Tx. Spurious 802.11b 2437MHz Ref



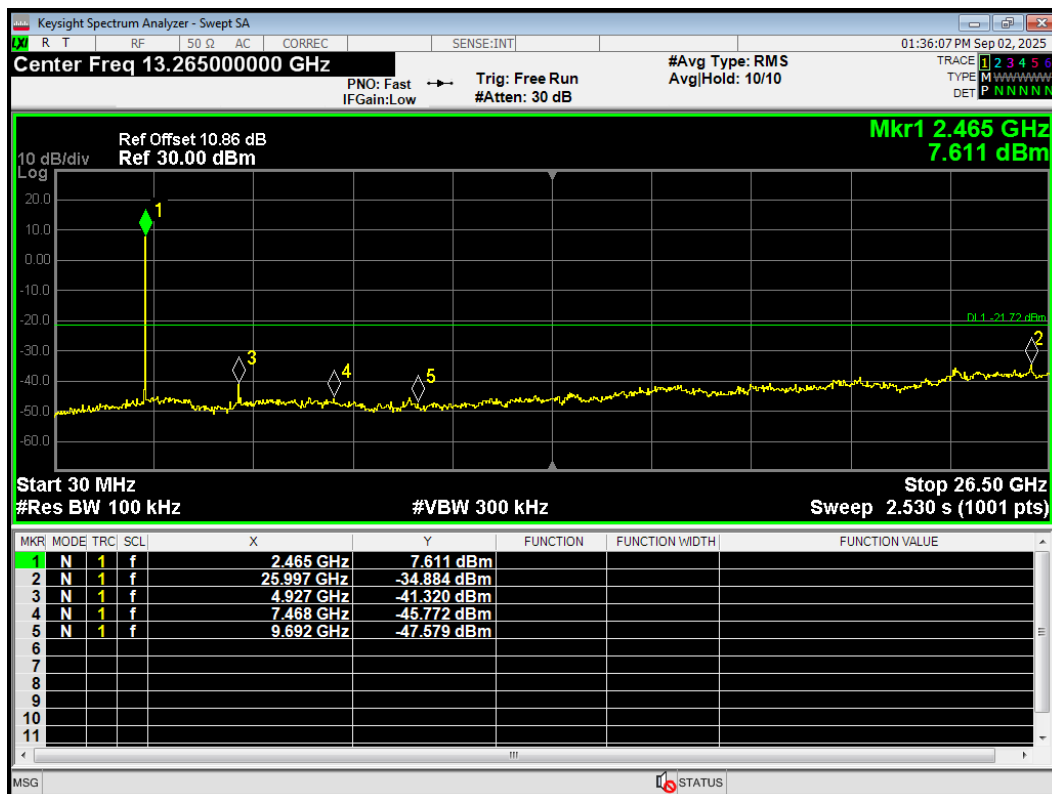
Tx. Spurious 802.11b 2437MHz Emission



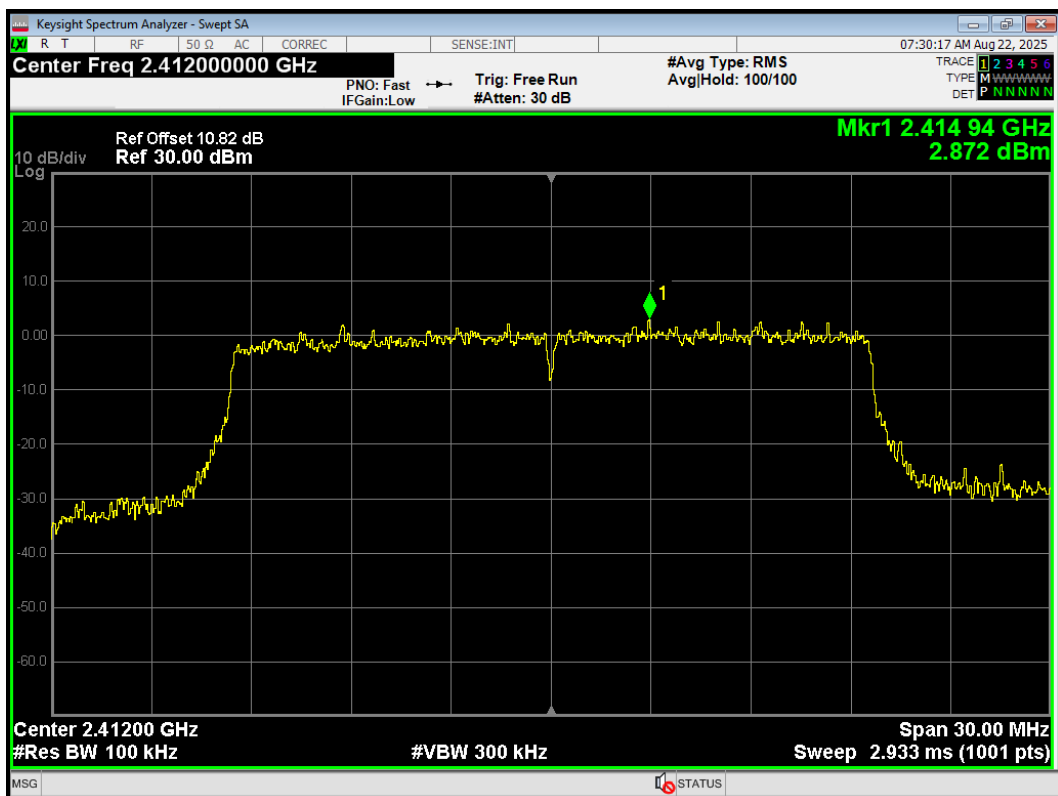
Tx. Spurious 802.11b 2462MHz Ref



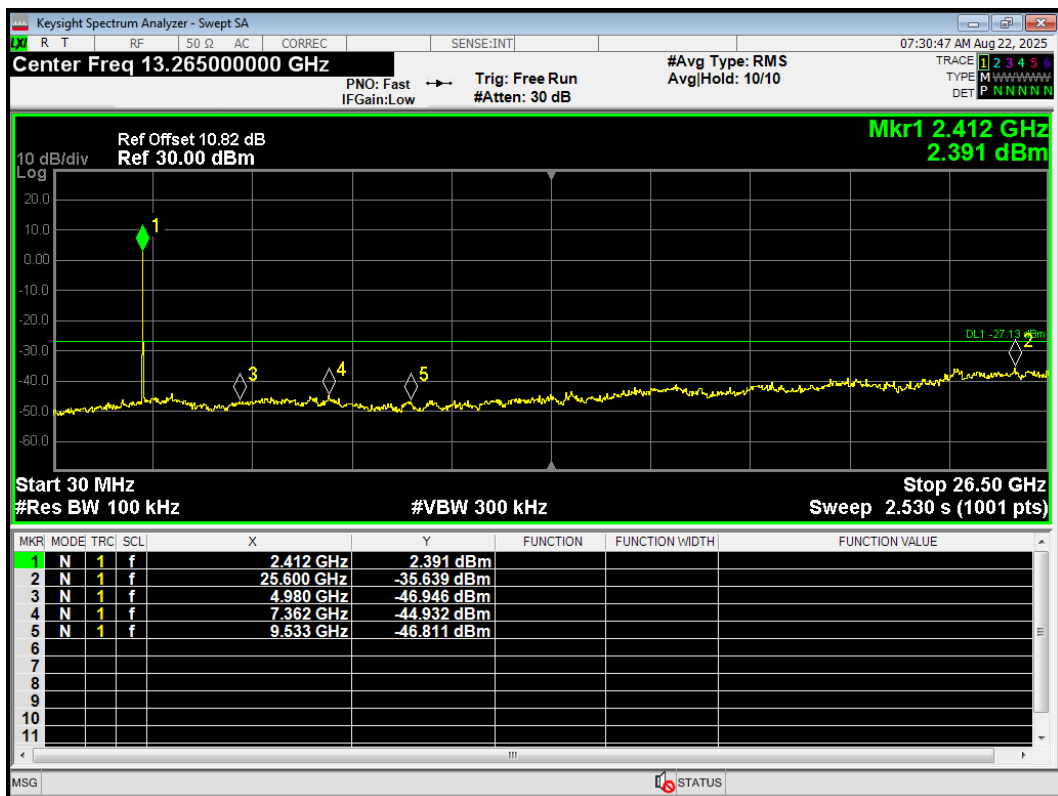
Tx. Spurious 802.11b 2462MHz Emission



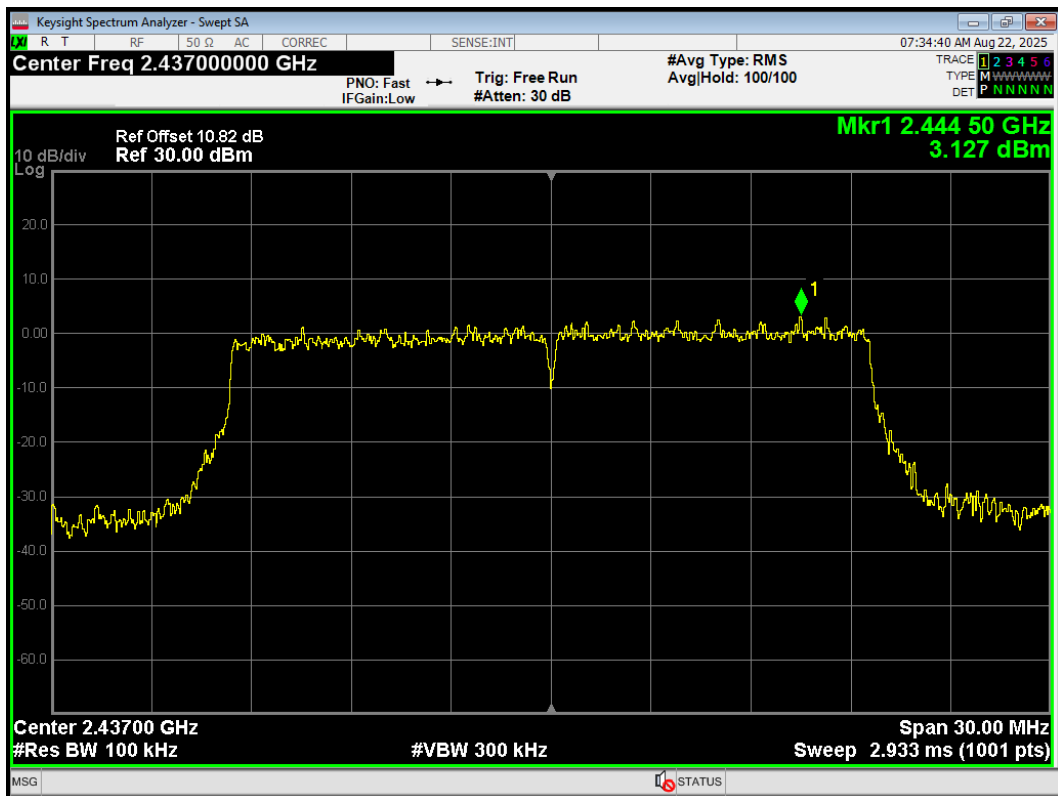
Tx. Spurious 802.11ax(HE20) 2412MHz Ant1 Ref



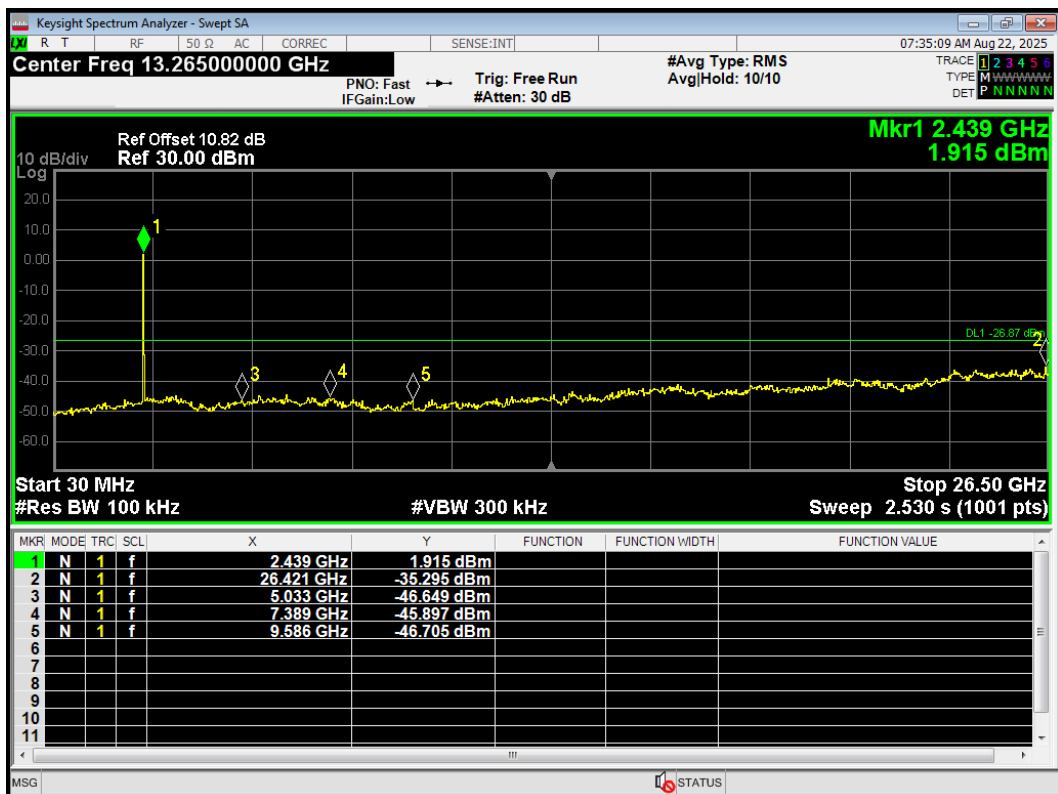
Tx. Spurious 802.11ax(HE20) 2412MHz Ant1 Emission



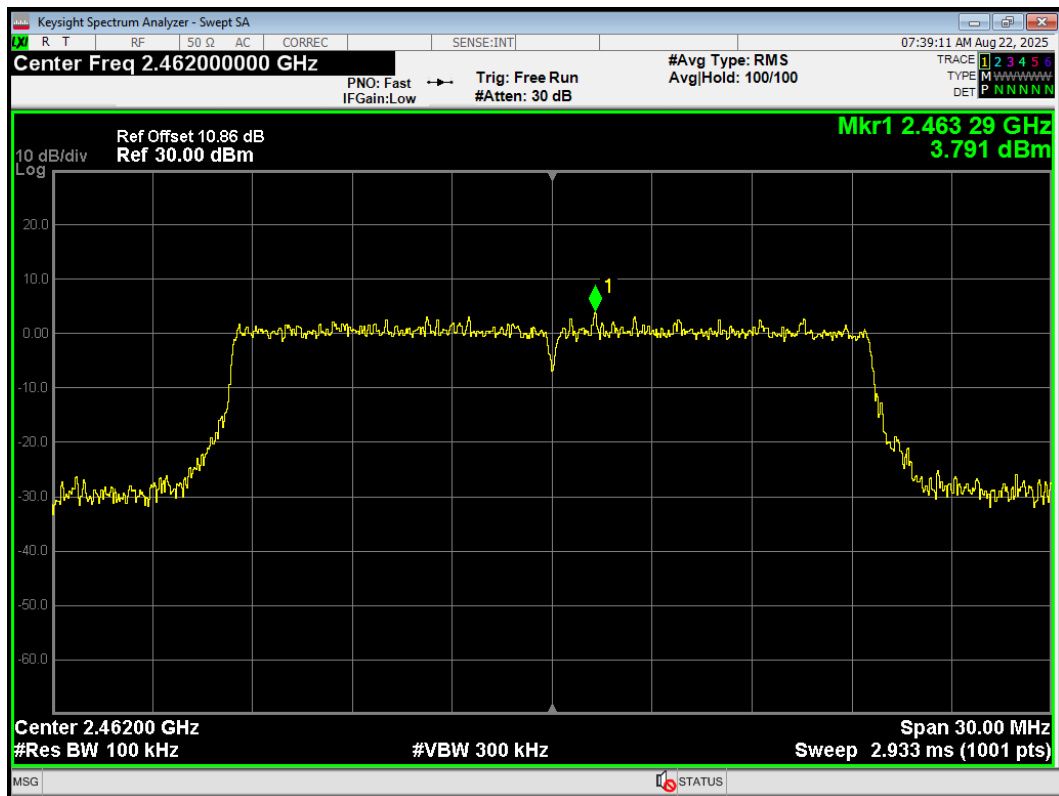
Tx. Spurious 802.11ax(HE20) 2437MHz Ant1 Ref



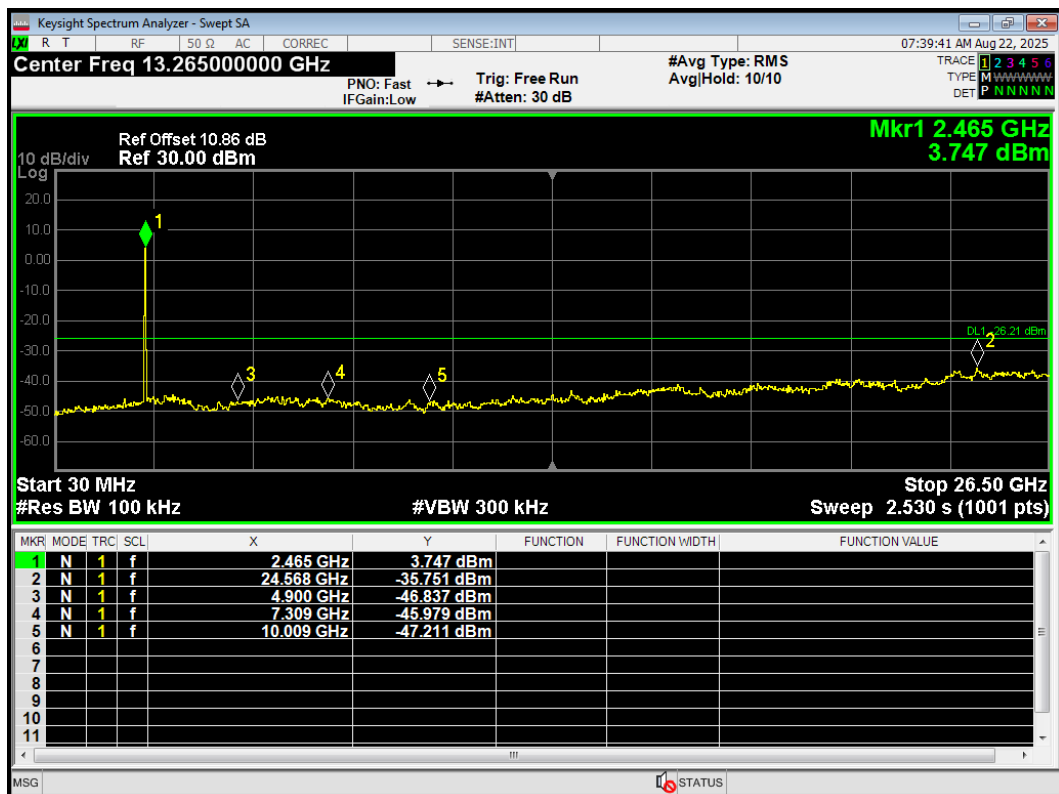
Tx. Spurious 802.11ax(HE20) 2437MHz Ant1 Emission



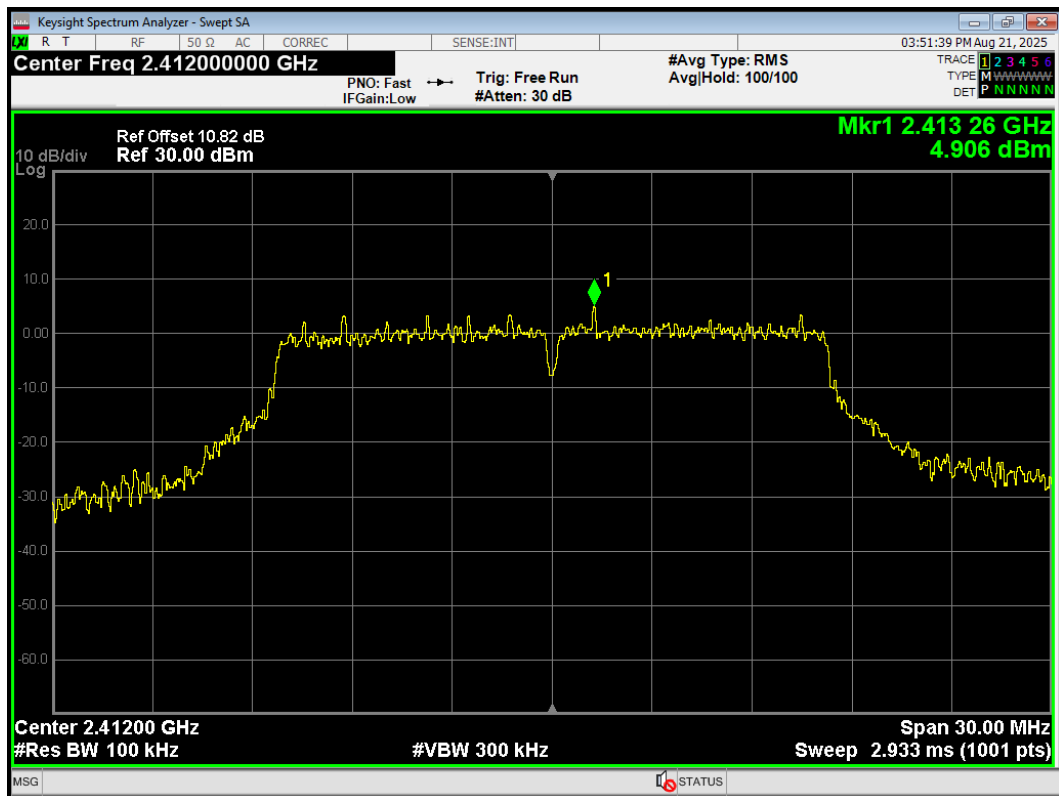
Tx. Spurious 802.11ax(HE20) 2462MHz Ant1 Ref



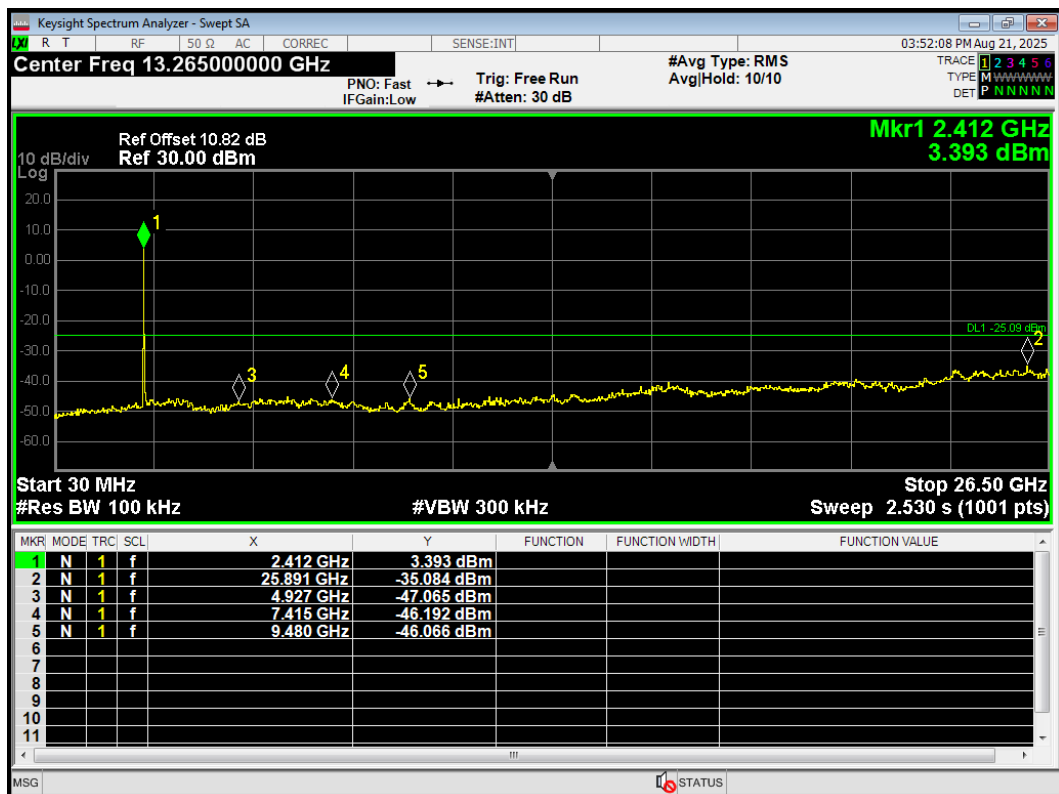
Tx. Spurious 802.11ax(HE20) 2462MHz Ant1 Emission



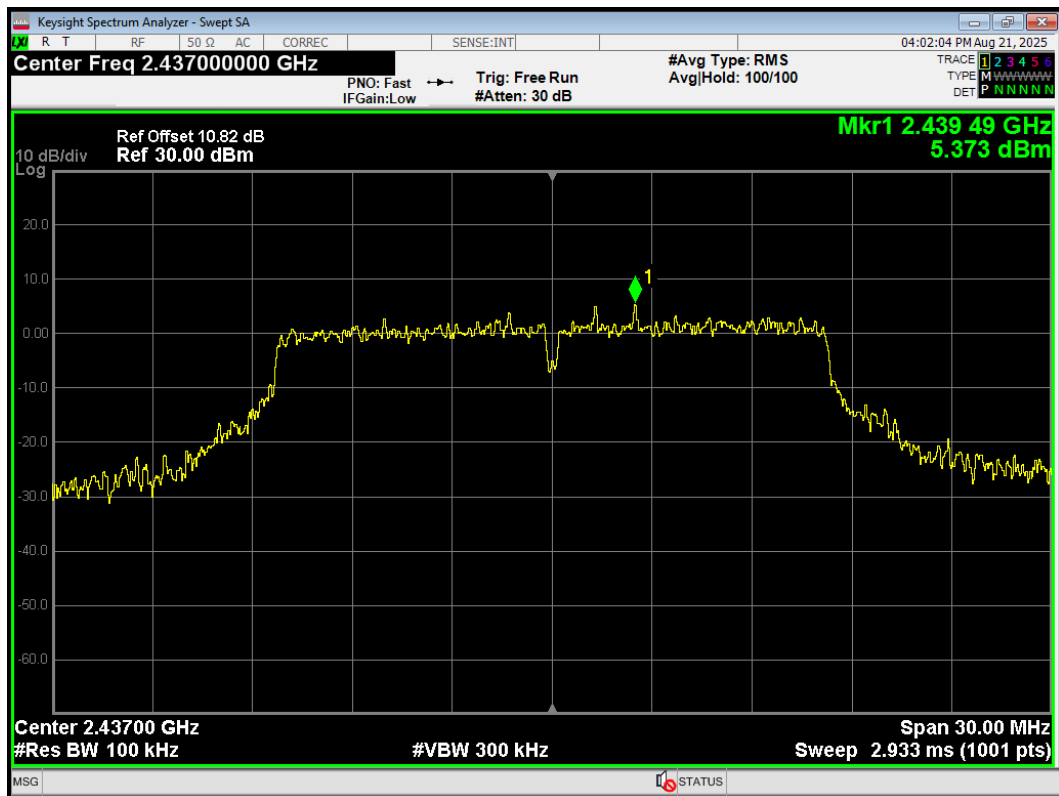
Tx. Spurious 802.11g 2412MHz Ant1 Ref



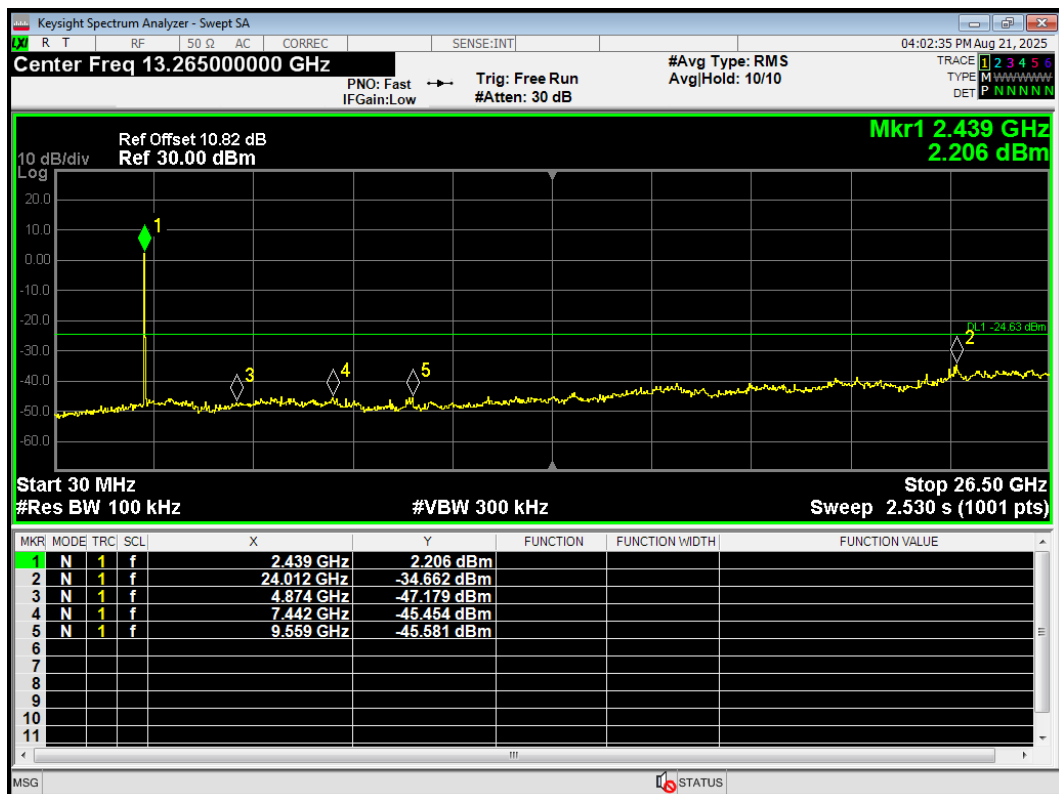
Tx. Spurious 802.11g 2412MHz Ant1 Emission



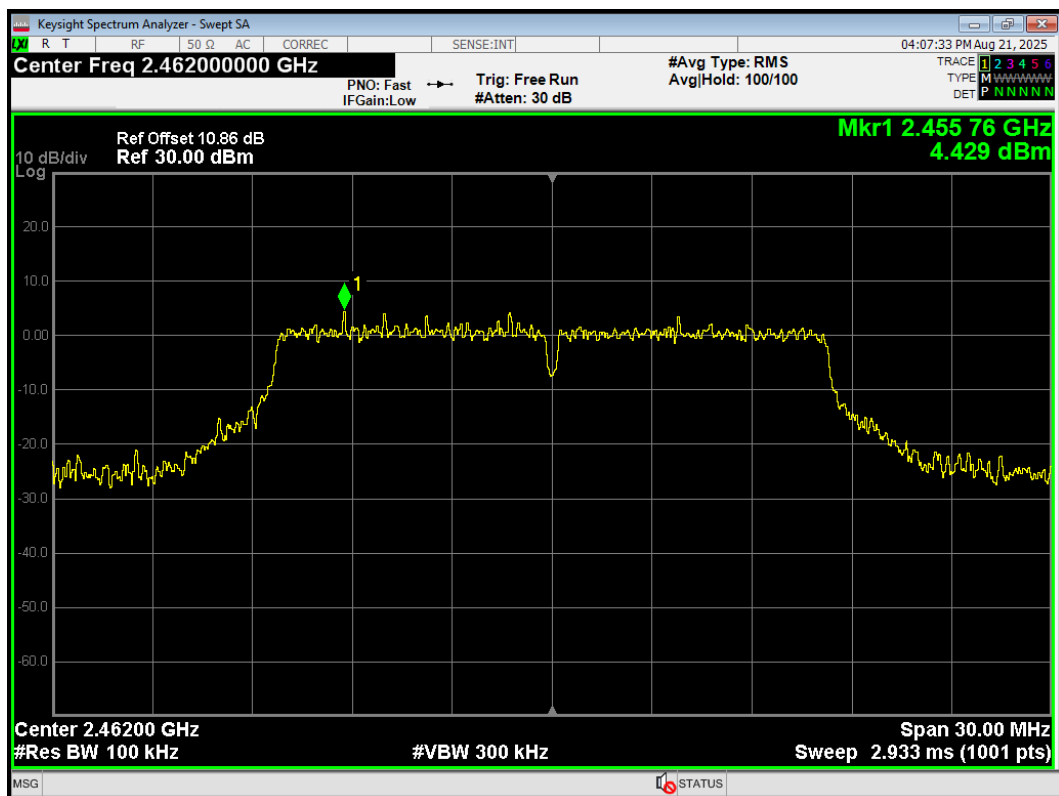
Tx. Spurious 802.11g 2437MHz Ant1 Ref



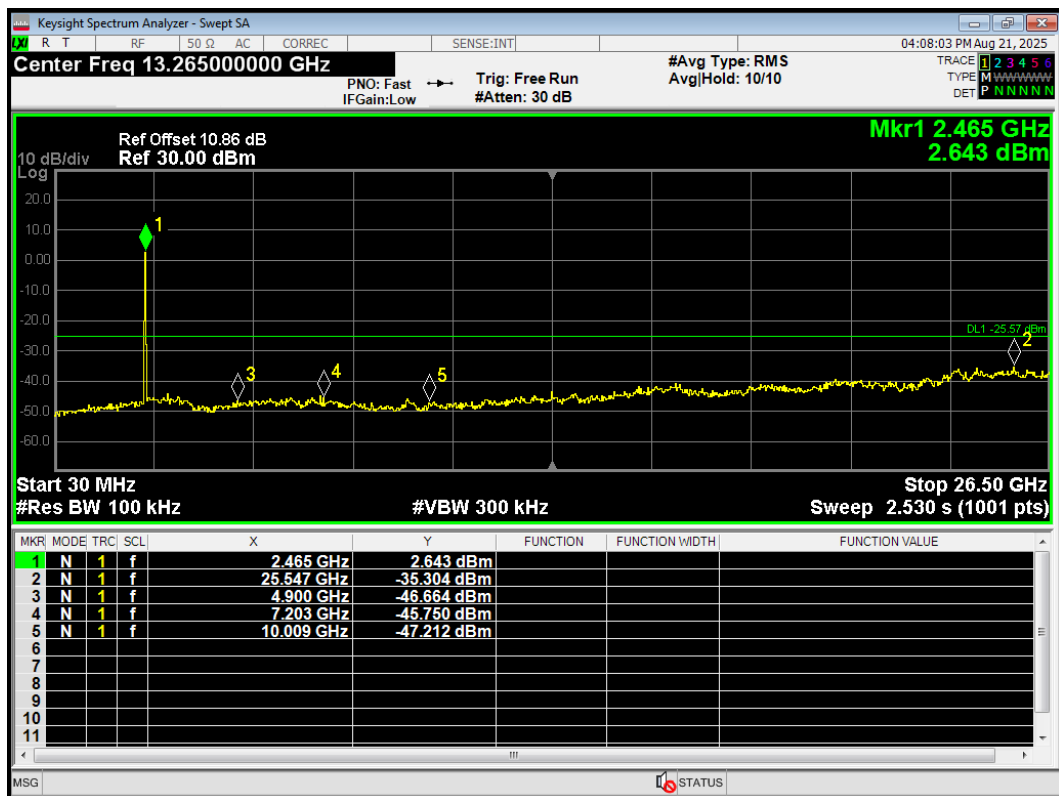
Tx. Spurious 802.11g 2437MHz Ant1 Emission



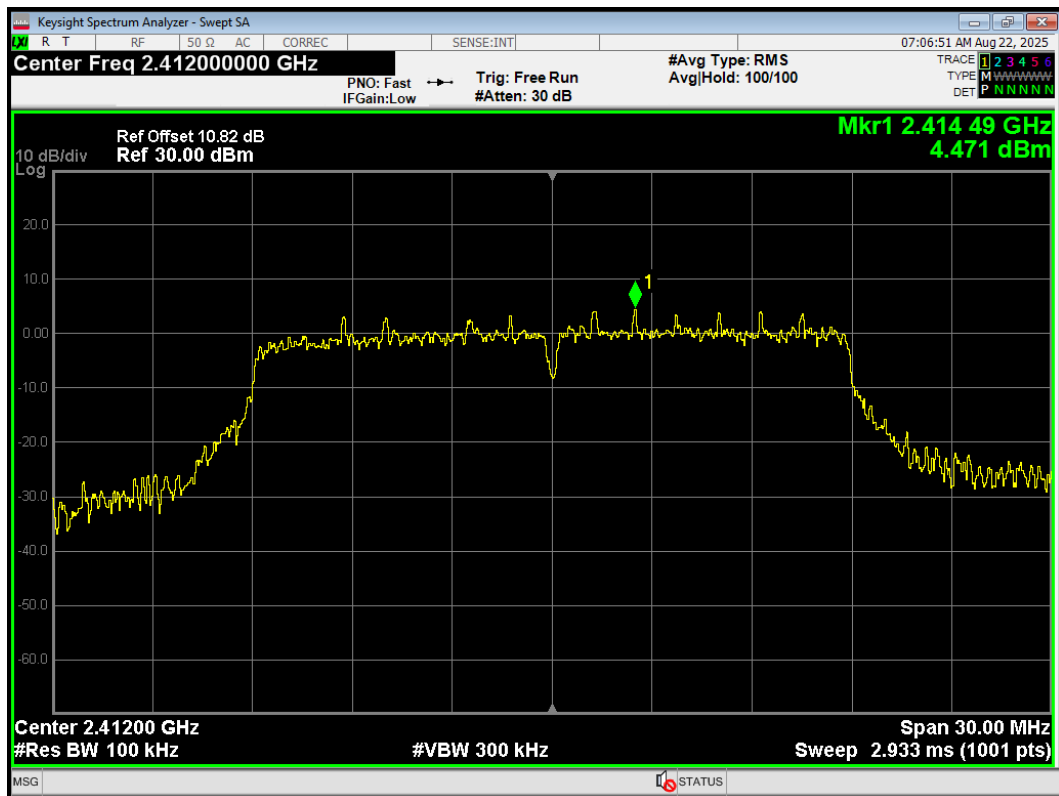
Tx. Spurious 802.11g 2462MHz Ant1 Ref



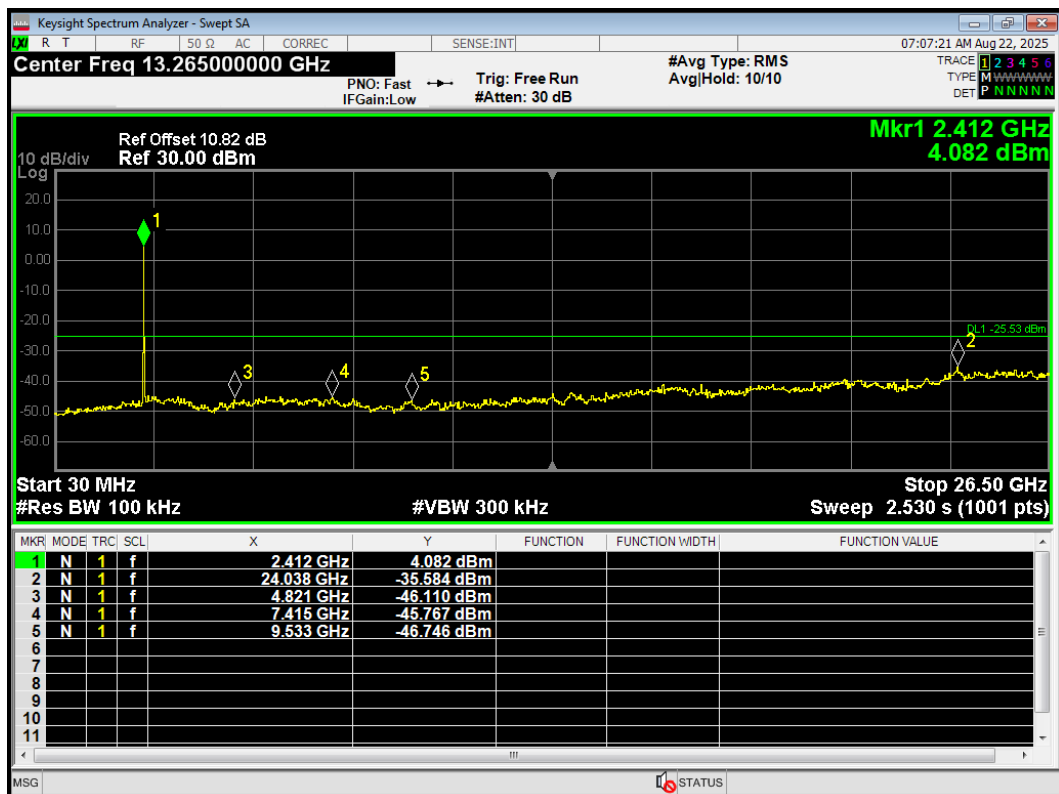
Tx. Spurious 802.11g 2462MHz Ant1 Emission



Tx. Spurious 802.11n(HT20) 2412MHz Ant1 Ref



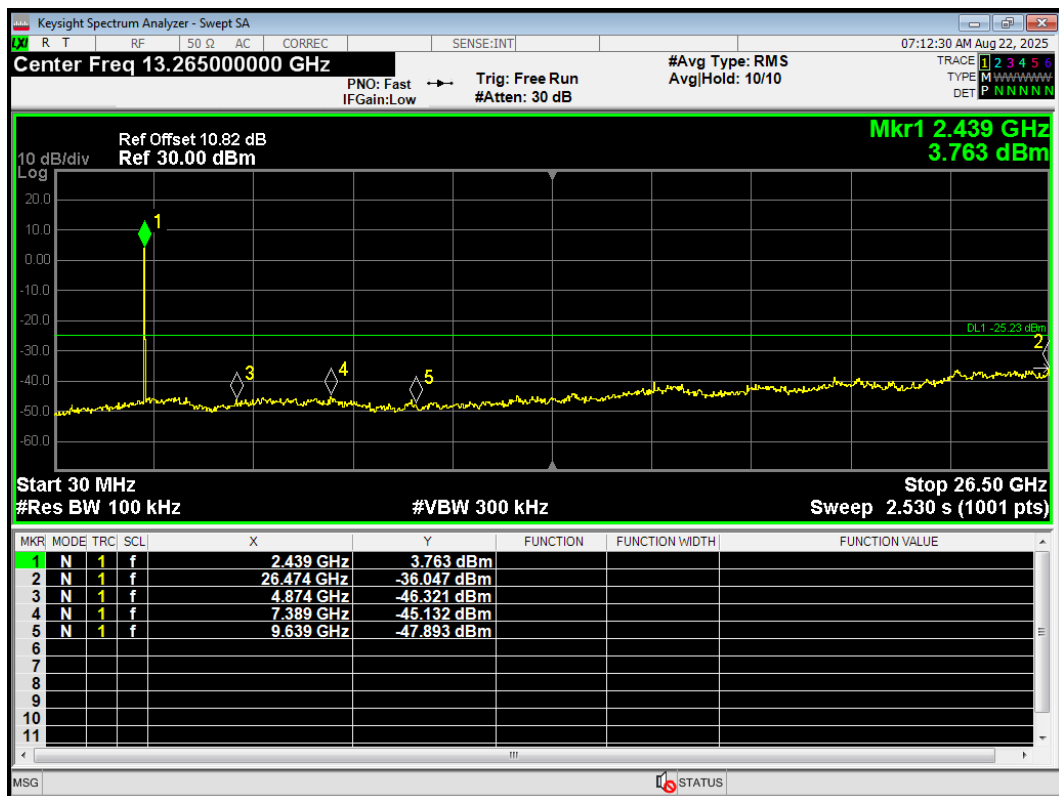
Tx. Spurious 802.11n(HT20) 2412MHz Ant1 Emission



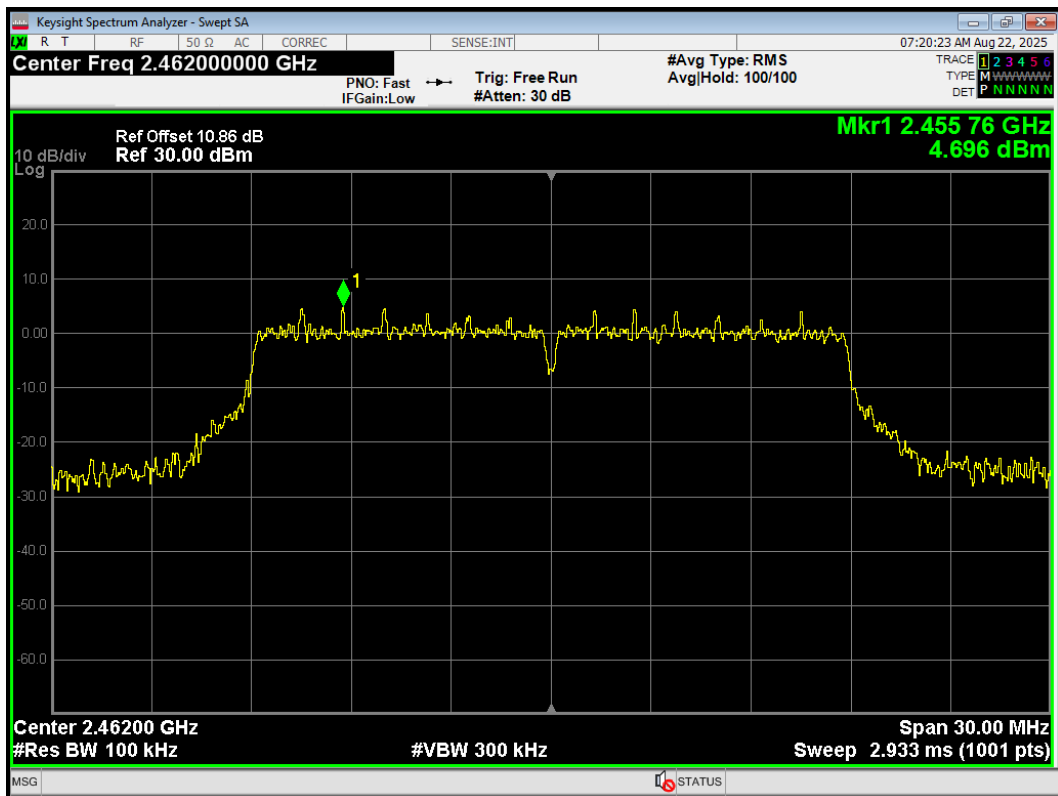
Tx. Spurious 802.11n(HT20) 2437MHz Ant1 Ref



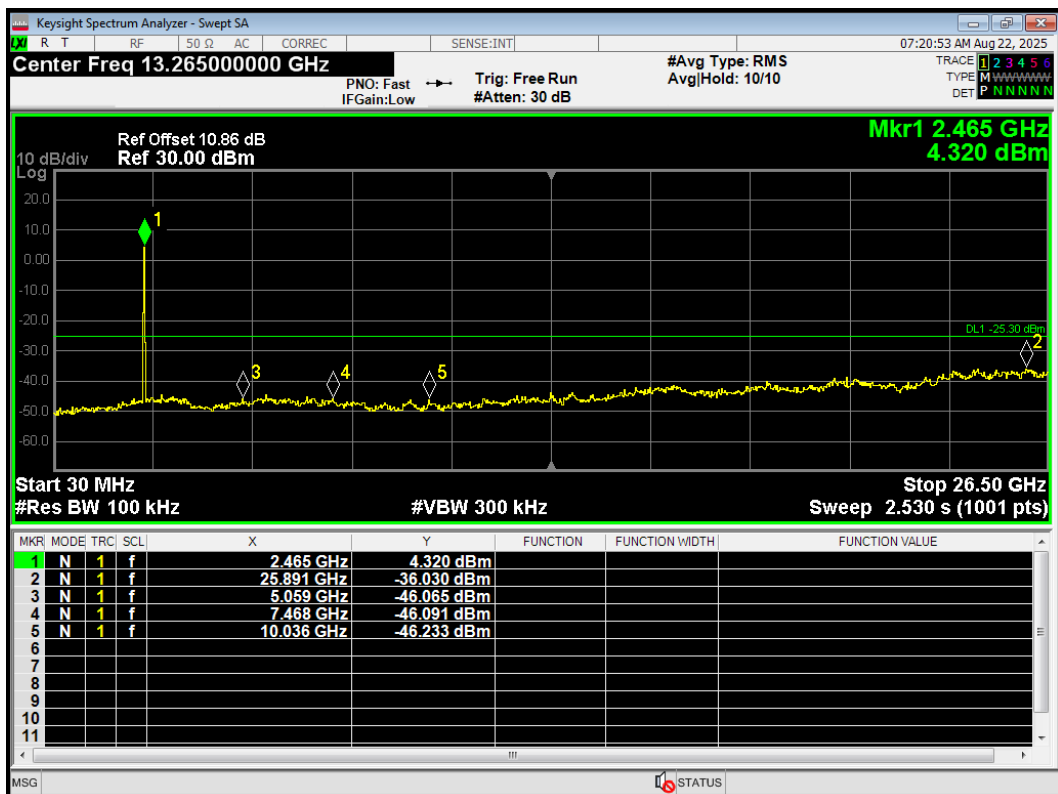
Tx. Spurious 802.11n(HT20) 2437MHz Ant1 Emission



Tx. Spurious 802.11n(HT20) 2462MHz Ant1 Ref

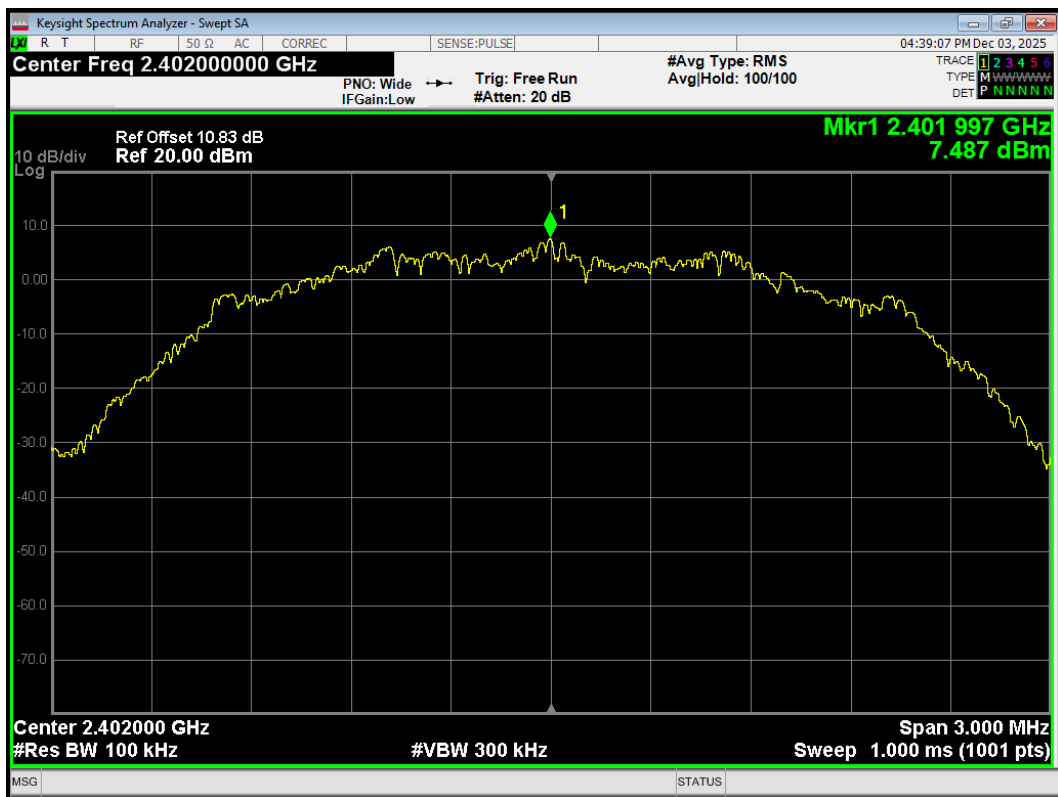


Tx. Spurious 802.11n(HT20) 2462MHz Ant1 Emission

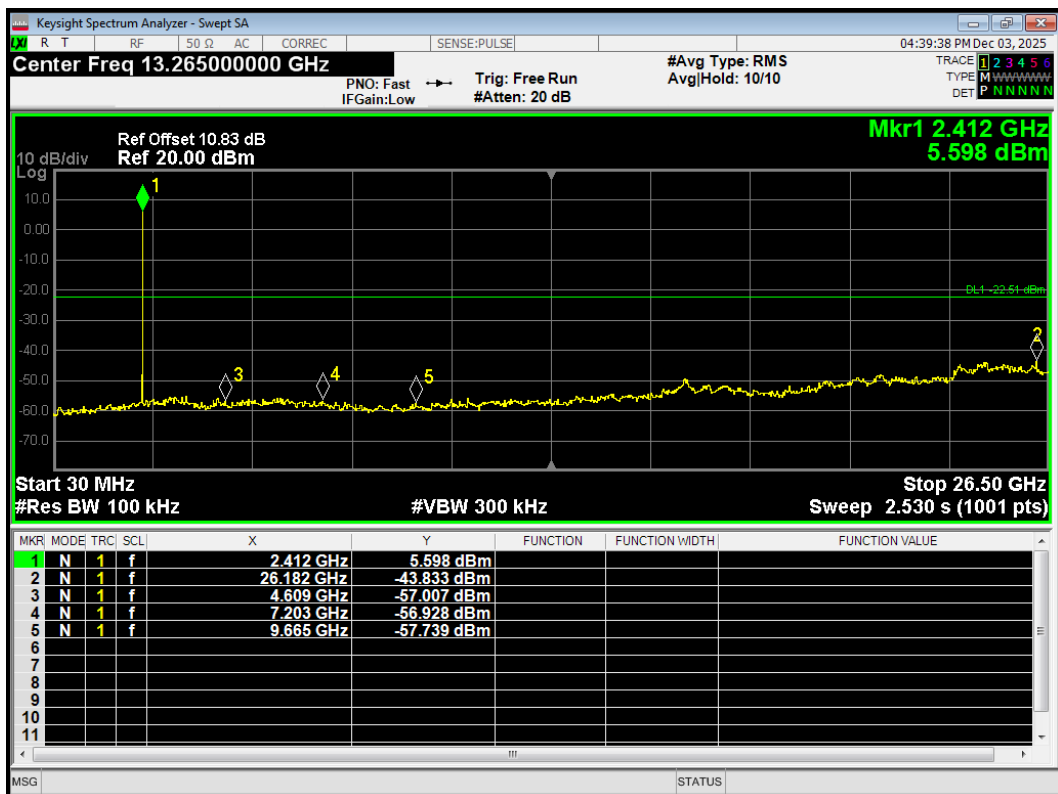


Variant

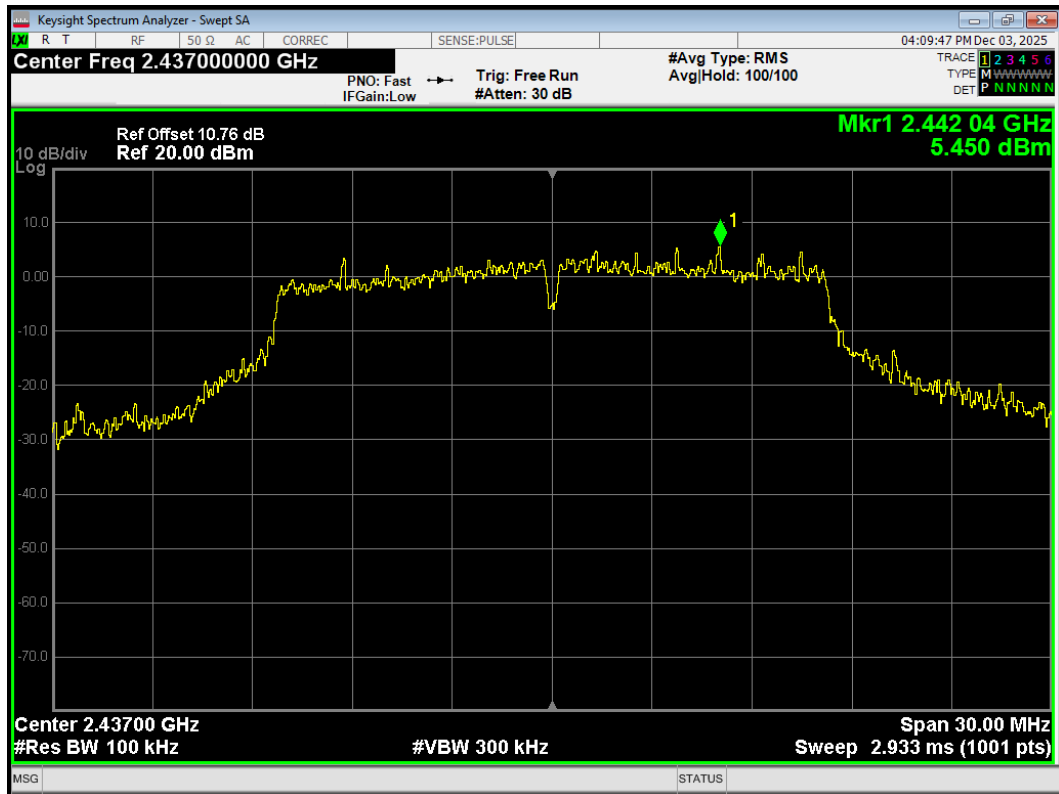
Tx. Spurious BLE (2M) 2402MHz Ref



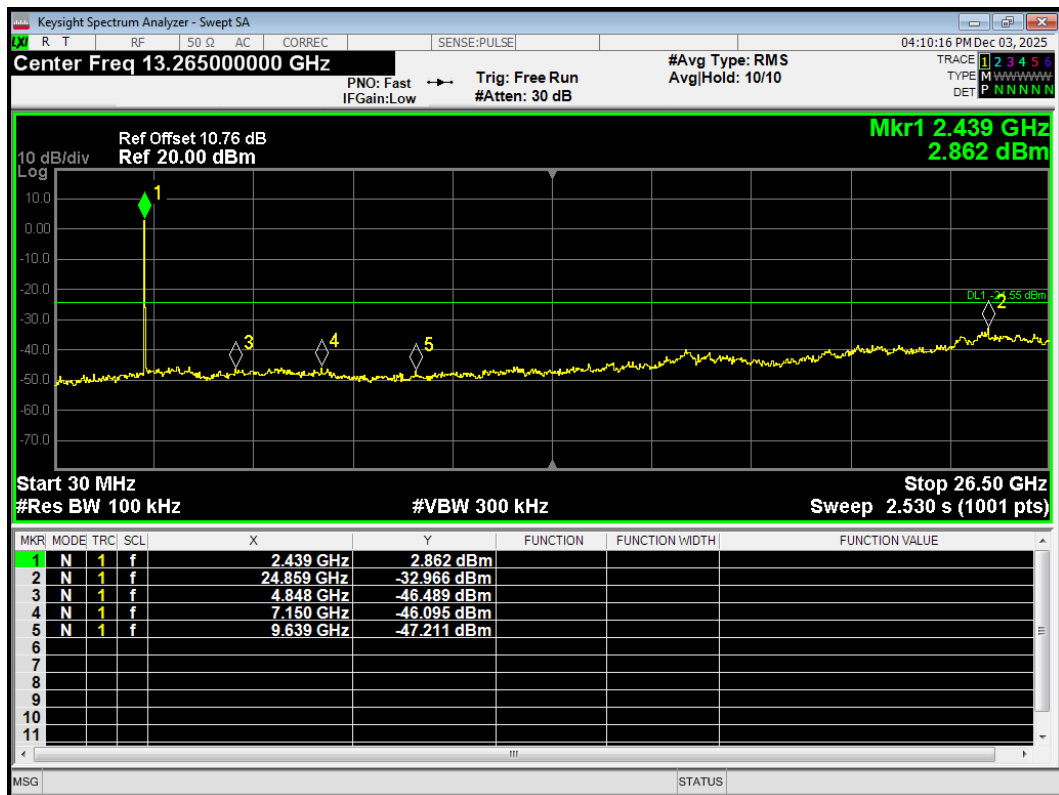
Tx. Spurious BLE (2M) 2402MHz Emission



Tx. Spurious 802.11g 2437MHz Ref



Tx. Spurious 802.11g 2437MHz Emission



6.6. Unwanted Emission

The detailed test data see *EFTA25110159-IE-02-R2-ANNEX A* Test Result.

6.7. Conducted Emission

The detailed test data see *EFTA25110159-IE-02-R2-ANNEX A* Test Result.

7. Main Test Instruments

Date of Testing: July 30, 2025 ~ August 31, 2025

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Power sensor	R&S	NRP18S	101954	2025-05-06	2026-05-05
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2025-05-06	2026-05-05
Attenuator	HASCO	HA18A-10	0003	-	-
Radiated Emission					
EMI Test Receiver	R&S	ESCI3	100948	2025-05-07	2026-05-06
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
EMI Test Receiver	R&S	ESR	102389	2025-05-06	2026-05-05
Signal Analyzer	R&S	FSV40	101298	2025-05-07	2026-05-06
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	01111	2022-10-25	2025-10-24
Horn Antenna	R&S	HF 907	102723	2023-11-24	2026-11-23
Amplifier	R&S	SCU18	10034	2025-05-06	2026-05-05
Horn Antenna	ETS-Lindgren	3160-09	00102643	2024-09-24	2027-09-23
Amplifier	MicroWave	KLNA-1804 0050	220826001	2025-05-06	2026-05-05
Software	R&S	EMC32	9.26.01	/	/
Conducted Emission					
Artificial main network	R&S	ENV216	102191	2024-12-02	2026-12-01
EMI Test Receiver	R&S	ESR	101667	2025-05-06	2026-05-05
Software	R&S	EMC32	10.35.10	/	/

Date of Testing: November 15, 2025 ~ December 22, 2025

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Power sensor	R&S	NRP18S	101954	2025-05-06	2026-05-05
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2025-05-06	2026-05-05
Attenuator	HASCO	HA18A-10	0003	/	/
EMI Test Receiver	R&S	ESR	102389	2025-05-06	2026-05-05
Signal Analyzer	R&S	FSV40	101298	2025-05-07	2026-05-06
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13

Horn Antenna	R&S	HF 907	102723	2023-11-24	2026-11-23
Software	R&S	EMC32	9.26.01	/	/
Artificial main network	R&S	ENV216	102191	2024-12-02	2025-12-01
				2025-11-24	2026-11-23
EMI Test Receiver	R&S	ESR	101667	2025-05-06	2026-05-05
Software	R&S	EMC32	10.35.10	/	/

8. The EUT Appearance

Refer to *EUT Appearance*.

9. Test Setup Photos

Refer to *Part15C Test Setup*.

10. Product Change Description

The Product Change Description are submitted separately.

***** END OF REPORT *****