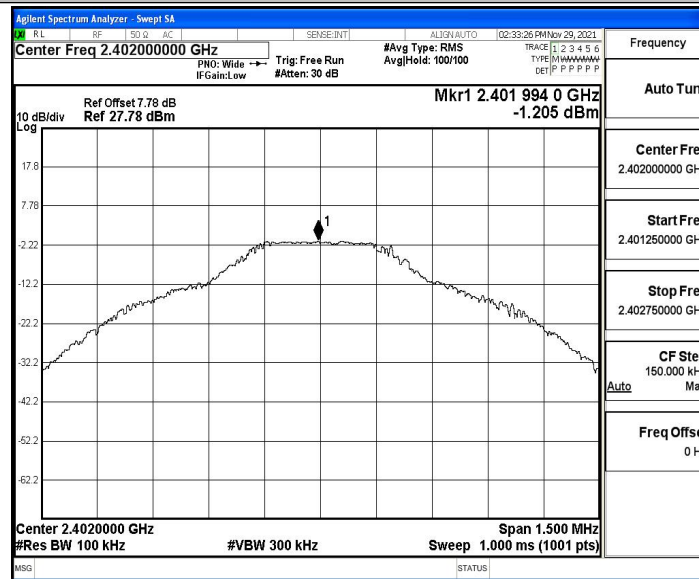


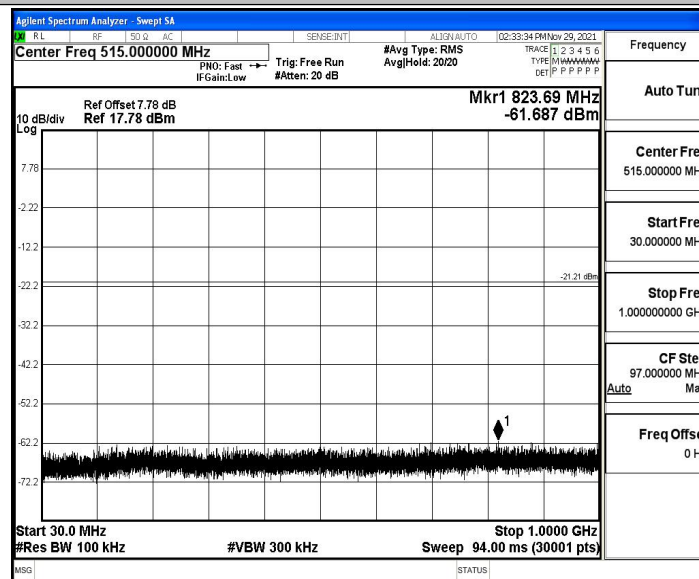


Test Graphs

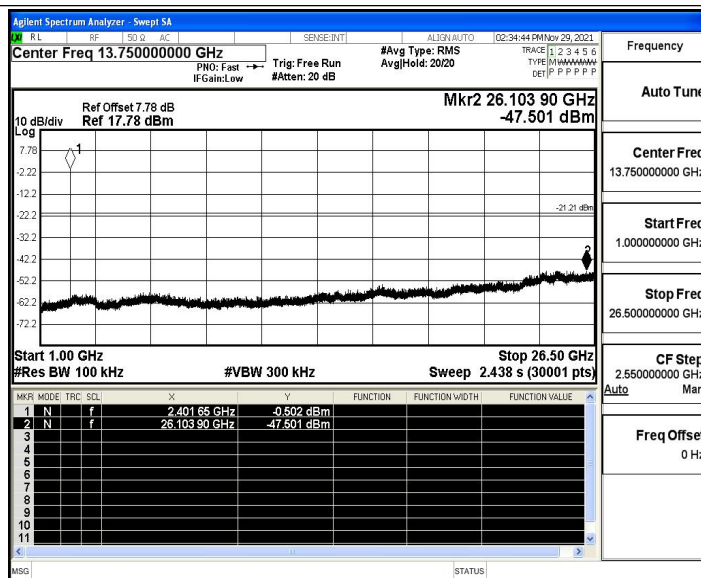
DH5_Ant1_2402_0~Reference



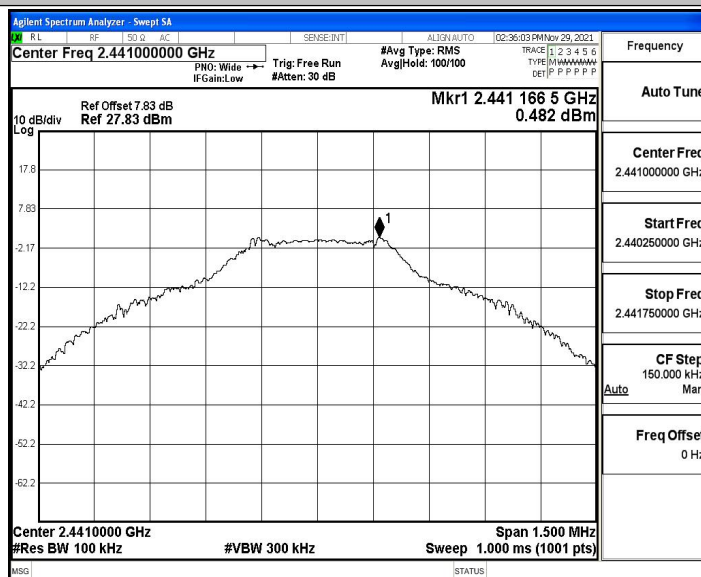
DH5_Ant1_2402_30~1000



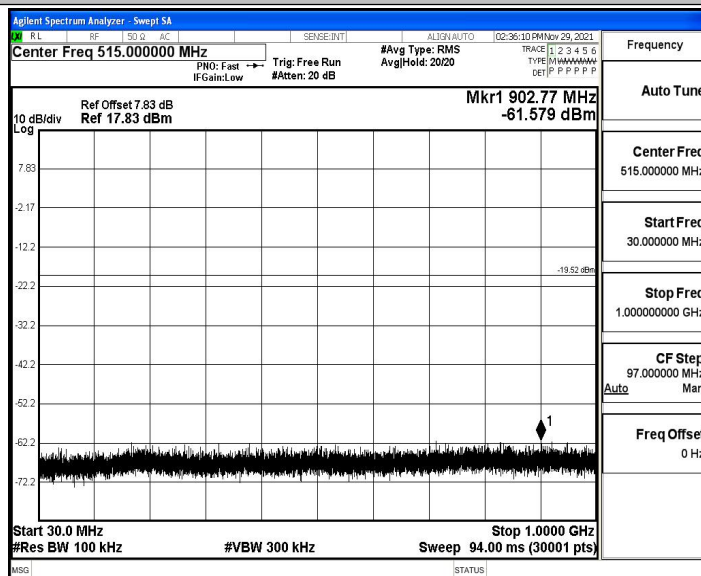
DH5_Ant1_2402_1000~26500

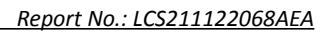


DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000





Agilent Spectrum Analyzer - Sweep SA

Center Freq 13.75000000 GHz

Ref Offset 7.83 dB
Trig: Free Run
IF Gain: Low
#Atten: 20 dB

#Avg Type: RMS
Avg/Hold: 20/20

Mkr2 24.777 05 GHz
-46.545 dBm

10 dB/div
Log

7.83
-1.17
-12.2
-22.2
-32.2
-42.2
-52.2
-62.2
-72.2

Start 1.00 GHz
#Res BW 100 kHz

Stop 26.50 GHz
#VBW 300 kHz
Sweep 2.438 s (30001 pts)

Auto

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.50000000 GHz

CF Stop 2.550000000 GHz

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF TO G AC SENSE INT ALIGN AUTO 02:39:46 PM Nov 29, 2021

Center Freq 2.48000000 GHz #Avg Type: RMS #Att: 30 dB

PRO: Wide → IF Gain: Low Trig: Free Run Avg/Hold: 100/100

Trace 1: 2.345 GHz Type: N/A WMMWMM DET: P P P P P P

Ref Offset 7.78 dB Mkr1 2.480 003 0 GHz -1.235 dBm

10 dB/div Log

The spectrum analyzer display shows a signal centered at 2.48000000 GHz. The vertical axis represents power in dBm, ranging from -62.2 to 17.8. The horizontal axis represents frequency, with a span of 1.500 MHz. A peak marker labeled '1' is positioned at the center of the signal, indicating a power level of -1.235 dBm. The signal has a bandwidth of 300 kHz and a resolution bandwidth of 100 kHz. The display also shows various settings such as 'Center Freq 2.48000000 GHz', 'Span 1.500 MHz', and 'Sweep 1.000 ms (1001 pts)'.

Center 2.4800000 GHz #VBW 300 kHz Sweep 1.000 ms (1001 pts)

Center Freq 2.48000000 GHz

Start Freq 2.479250000 GHz

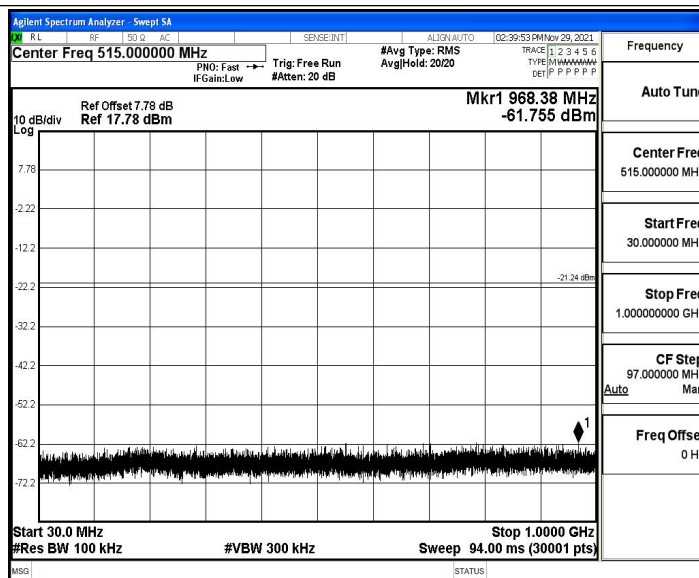
Stop Freq 2.480750000 GHz

CF Ste 150.000 kHz

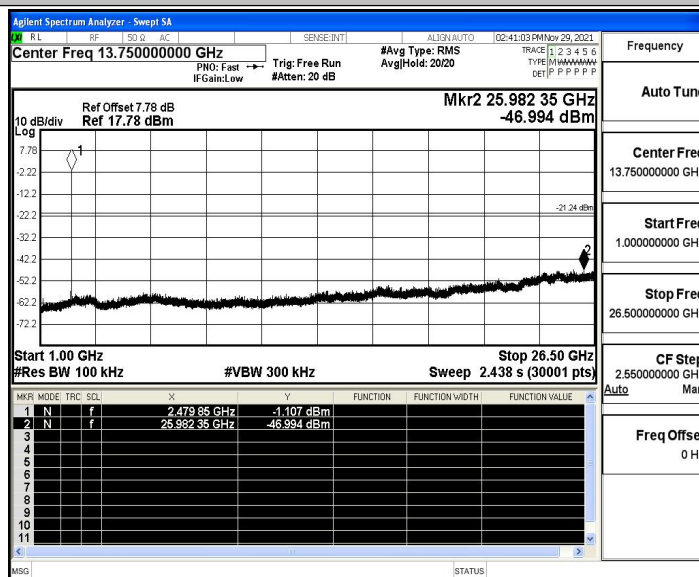
Auto

Freq Offset 0 Hz

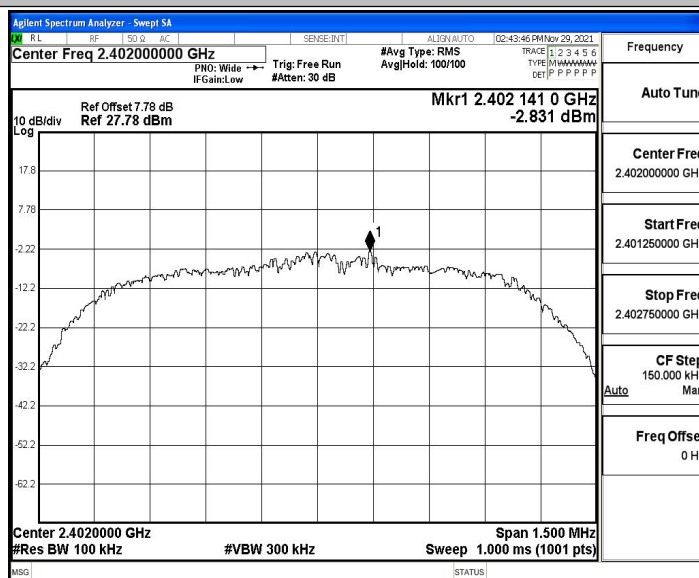
31 / 46



DH5_Ant1_2480_1000~26500

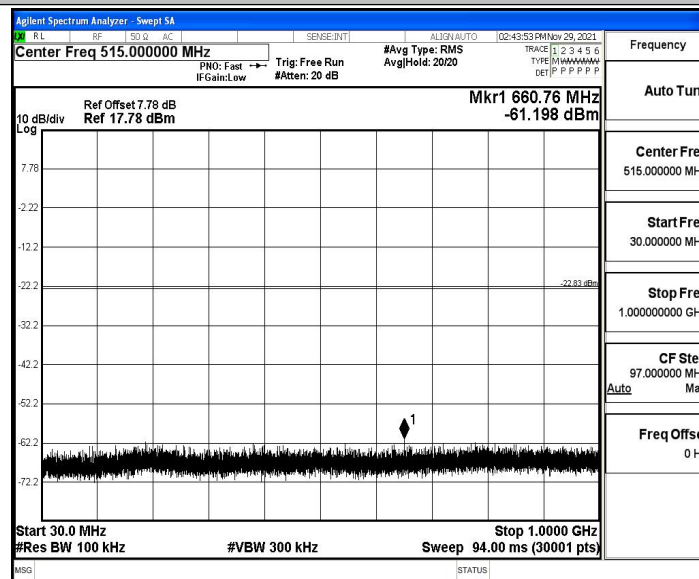


2DH5_Ant1_2402_0~Reference

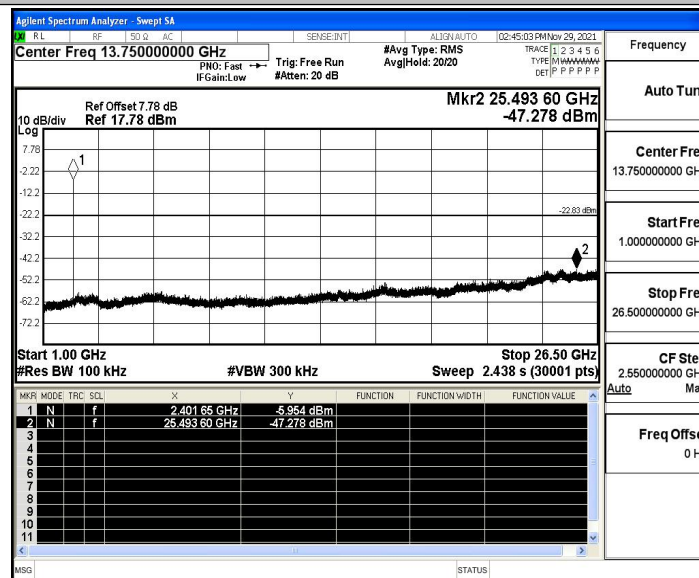




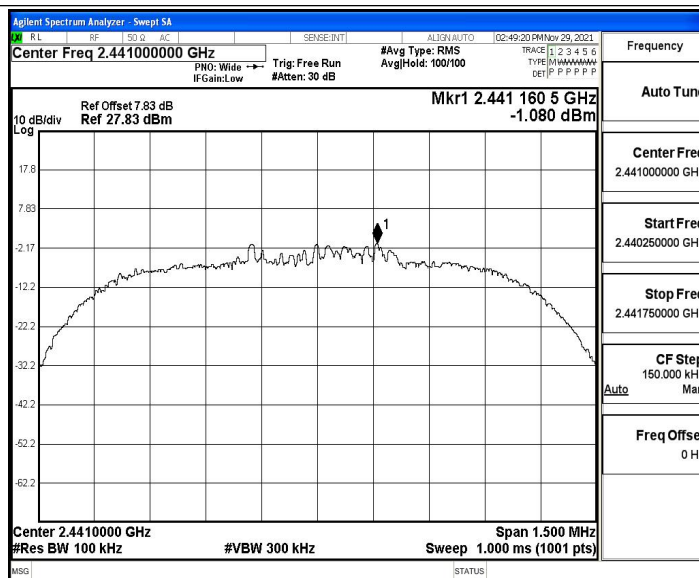
2DH5_Ant1_2402_30~1000



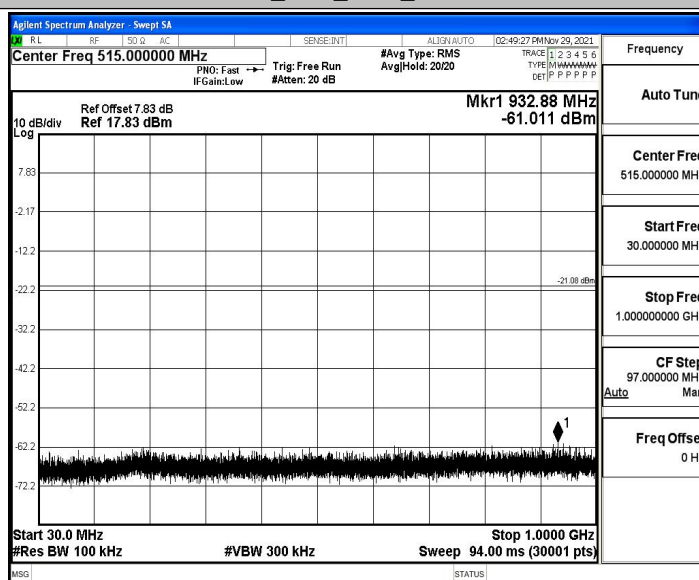
2DH5_Ant1_2402_1000~26500



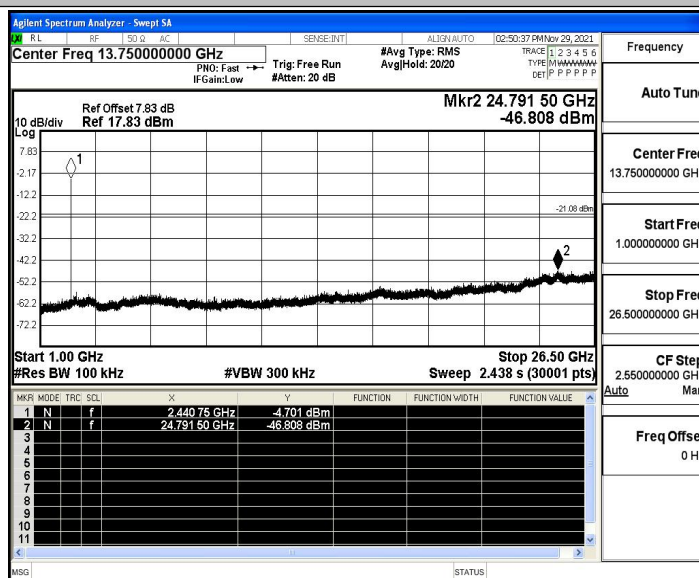
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

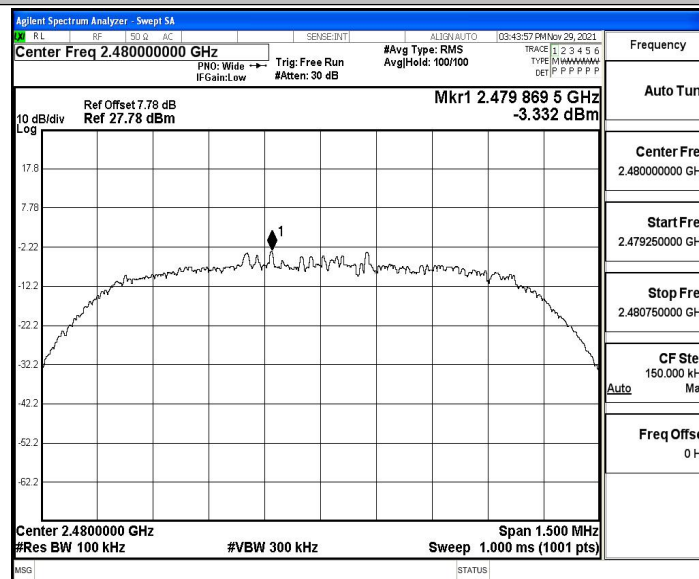


2DH5_Ant1_2441_1000~26500

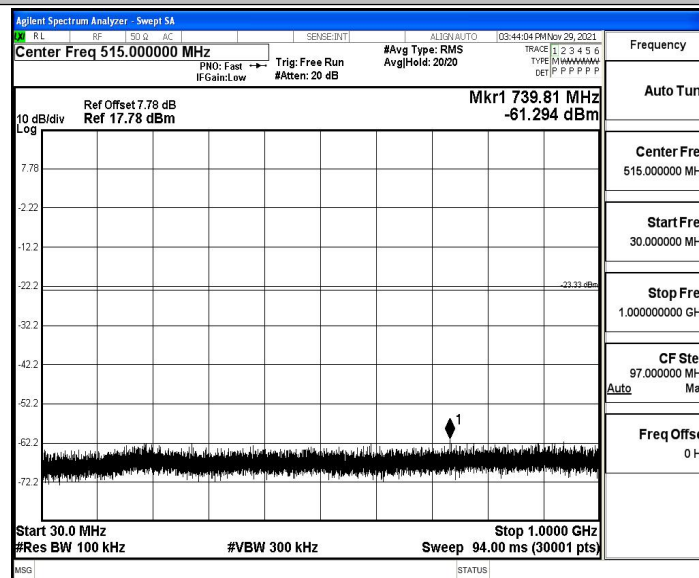




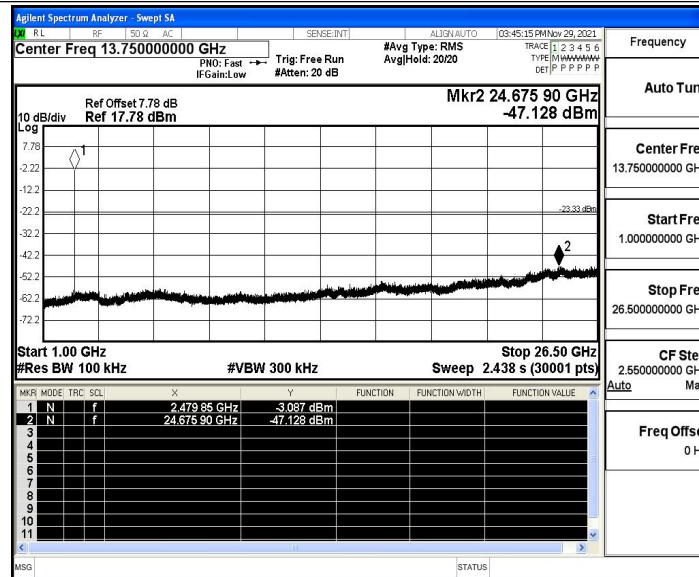
2DH5_Ant1_2480_0~Reference



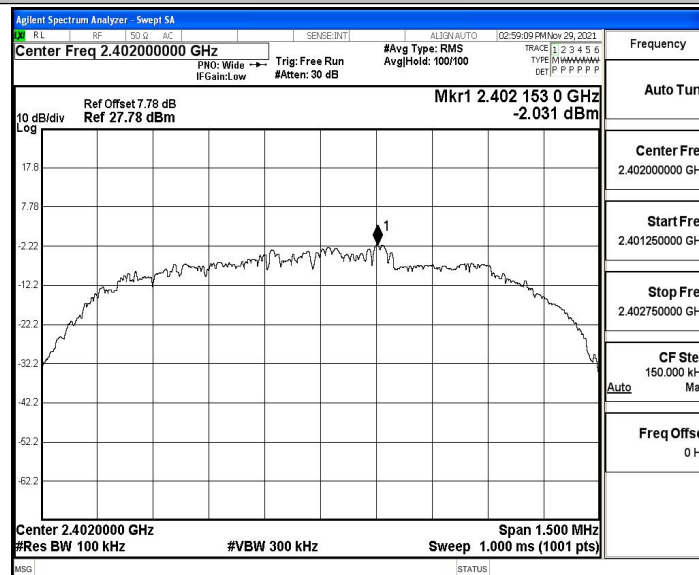
2DH5_Ant1_2480_30~1000



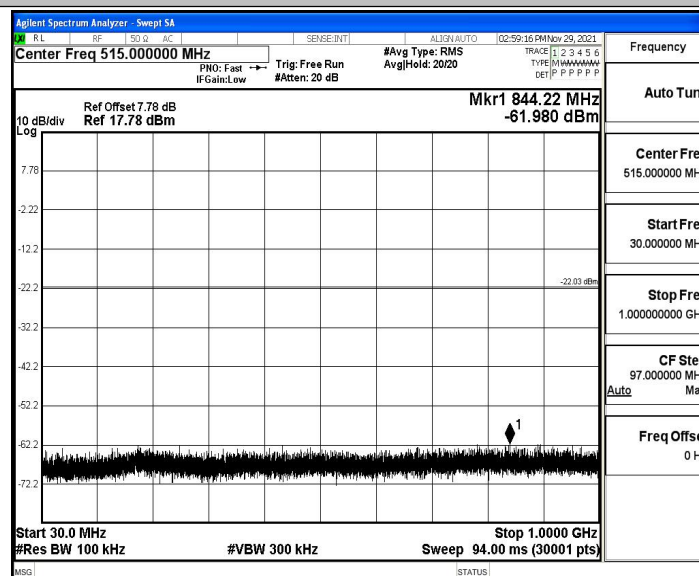
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

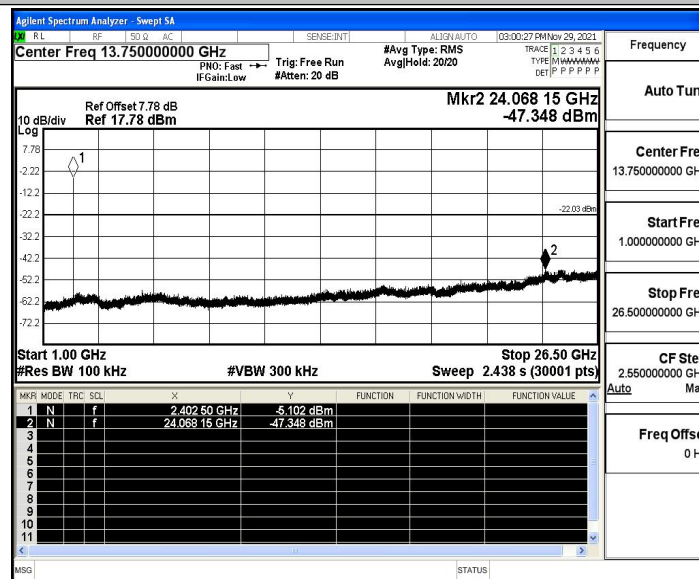


3DH5_Ant1_2402_30~1000

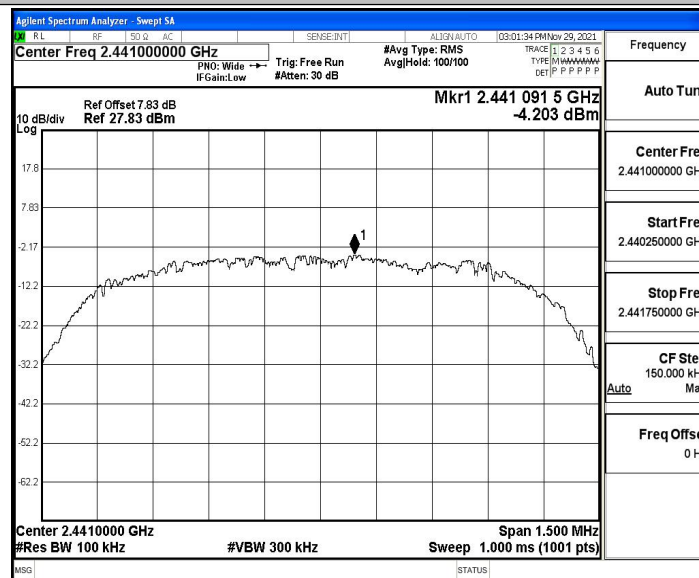




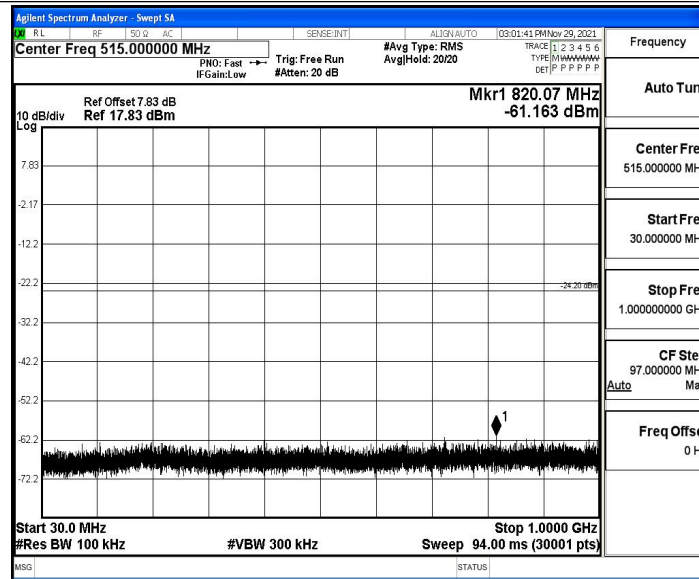
3DH5_Ant1_2402_1000~26500



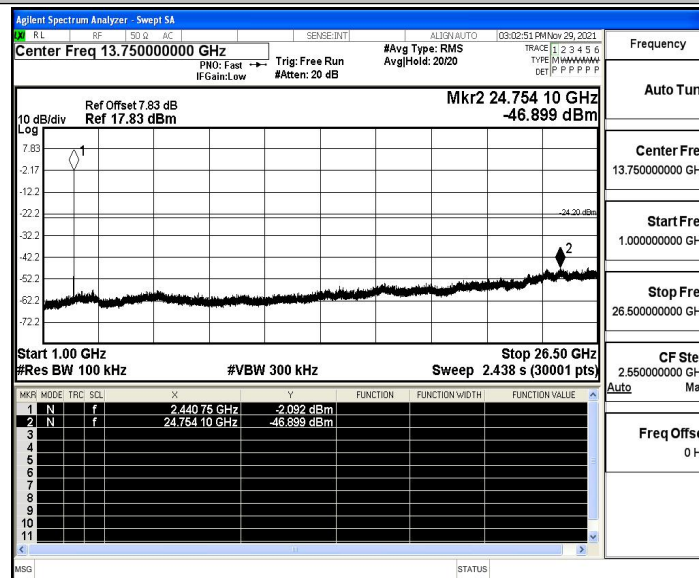
3DH5_Ant1_2441_0~Reference



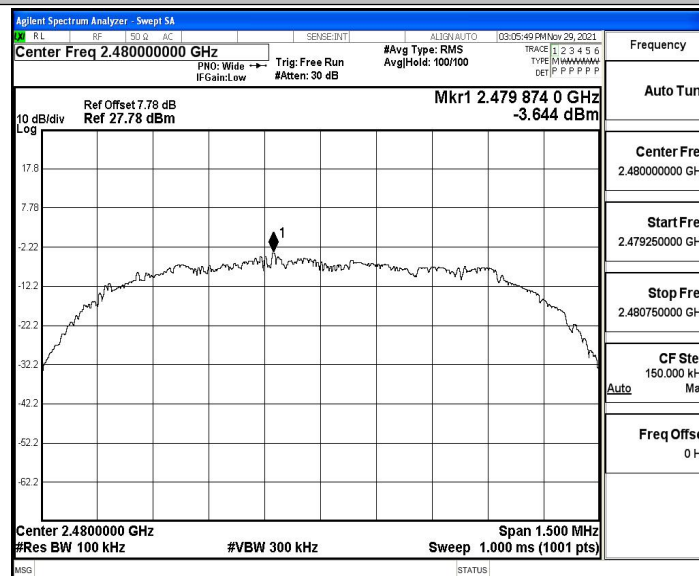
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

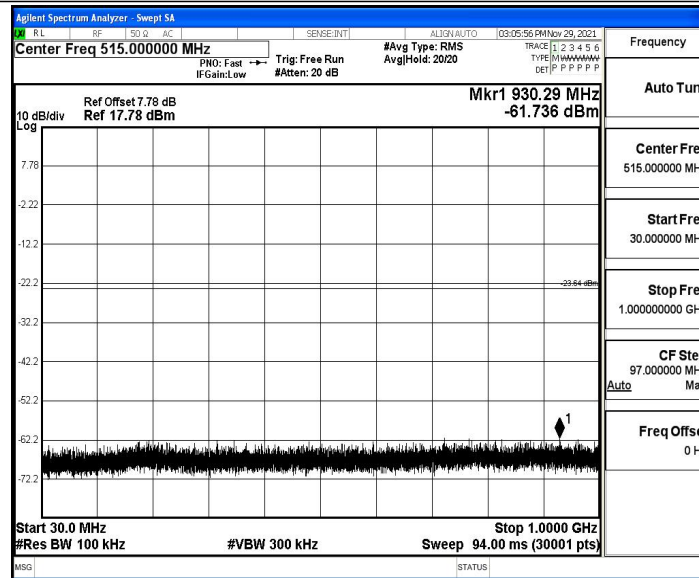


3DH5_Ant1_2480_0~Reference

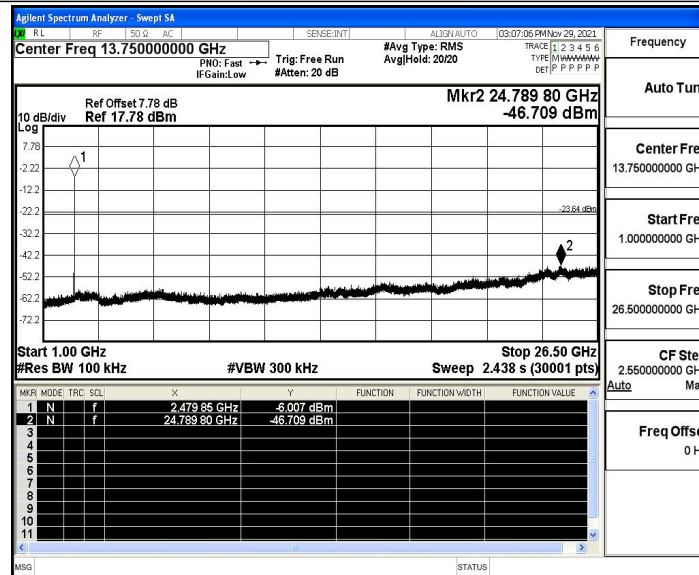




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-49.12	≤-41.20	46.08	≤54	PASS
				AV	2388.200	-48.7	≤-41.20	46.50	≤54	PASS
				AV	2390.000	-48.77	≤-41.20	46.43	≤54	PASS
				Peak	2310.000	-43.48	≤-21.20	51.72	≤74	PASS
				Peak	2383.160	-38.71	≤-21.20	56.49	≤74	PASS
				Peak	2390.000	-42.06	≤-21.20	53.14	≤74	PASS
		High	2480	AV	2483.500	-48.05	≤-41.20	47.15	≤54	PASS
				AV	2483.520	-48.05	≤-41.20	47.15	≤54	PASS
				AV	2500.000	-48.22	≤-41.20	46.98	≤54	PASS
				Peak	2483.500	-43.82	≤-21.20	51.38	≤74	PASS
				Peak	2488.640	-39.22	≤-21.20	55.98	≤74	PASS
				Peak	2500.000	-41.54	≤-21.20	53.66	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.06	≤-41.20	46.14	≤54	PASS
				AV	2385.155	-48.61	≤-41.20	46.59	≤54	PASS
				AV	2390.000	-48.67	≤-41.20	46.53	≤54	PASS
				Peak	2310.000	-44.4	≤-21.20	50.80	≤74	PASS
				Peak	2356.700	-39.15	≤-21.20	56.05	≤74	PASS
				Peak	2390.000	-43.84	≤-21.20	51.36	≤74	PASS
		High	2480	AV	2483.500	-48.11	≤-41.20	47.09	≤54	PASS
				AV	2499.760	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2500.000	-48.14	≤-41.20	47.06	≤54	PASS
				Peak	2483.500	-43.98	≤-21.20	51.22	≤74	PASS
				Peak	2493.200	-40.04	≤-21.20	55.16	≤74	PASS
				Peak	2500.000	-43.46	≤-21.20	51.74	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-49.04	≤-41.20	46.16	≤54	PASS
				AV	2388.515	-48.55	≤-41.20	46.65	≤54	PASS
				AV	2390.000	-48.84	≤-41.20	46.36	≤54	PASS
				Peak	2310.000	-42.87	≤-21.20	52.33	≤74	PASS
				Peak	2342.420	-38.32	≤-21.20	56.88	≤74	PASS
				Peak	2390.000	-42.45	≤-21.20	52.75	≤74	PASS
		High	2480	AV	2483.500	-48.16	≤-41.20	47.04	≤54	PASS
				AV	2495.360	-48.01	≤-41.20	47.19	≤54	PASS
				AV	2500.000	-48.12	≤-41.20	47.08	≤54	PASS
				Peak	2483.500	-41.6	≤-21.20	53.60	≤74	PASS
				Peak	2495.520	-39.5	≤-21.20	55.70	≤74	PASS
				Peak	2500.000	-41.35	≤-21.20	53.85	≤74	PASS



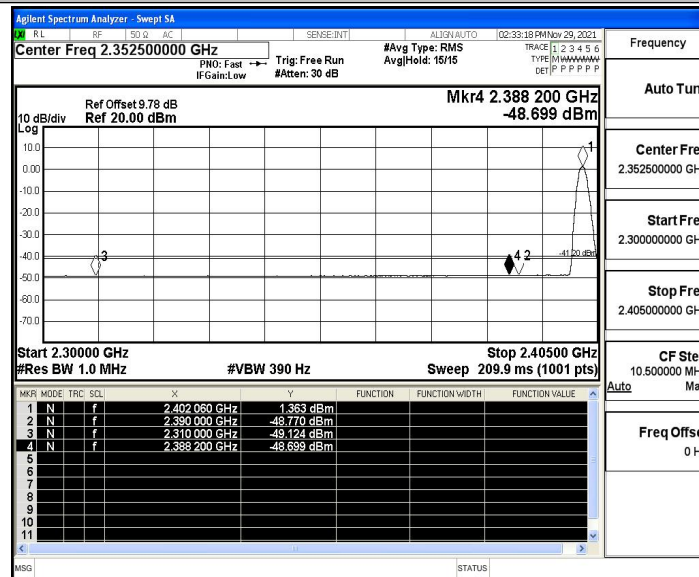
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

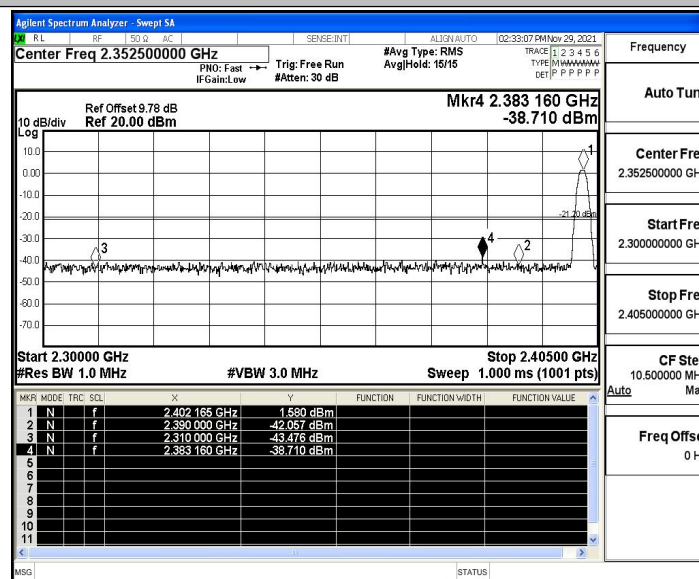


Test Graphs

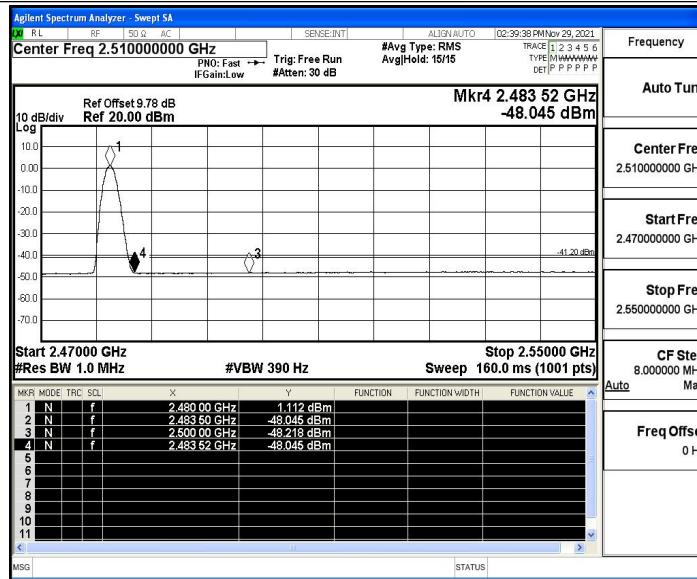
DH5_Ant1_Low_2402_AV



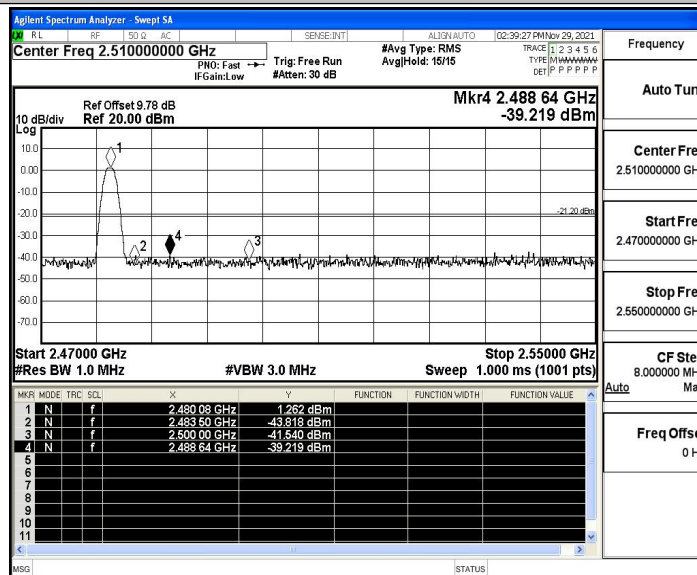
DH5_Ant1_Low_2402_Peak



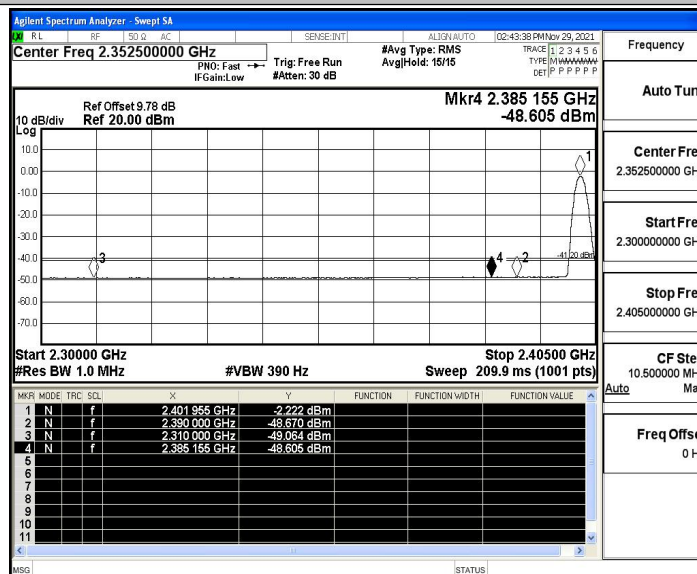
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

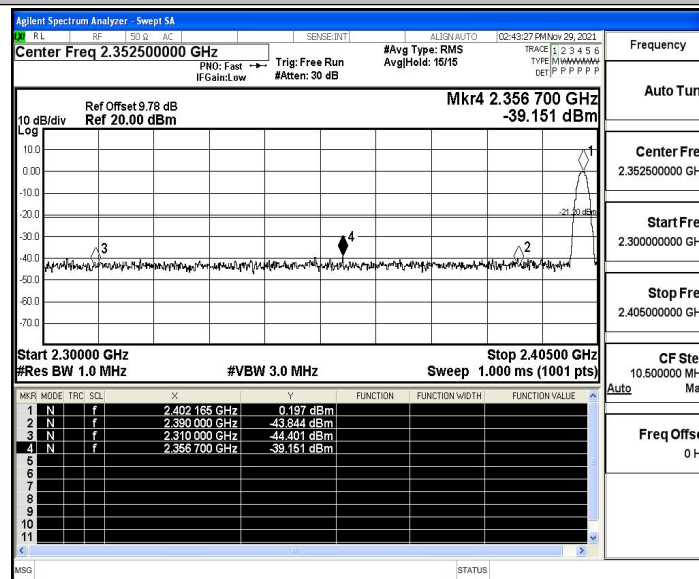


2DH5_Ant1_Low_2402_AV

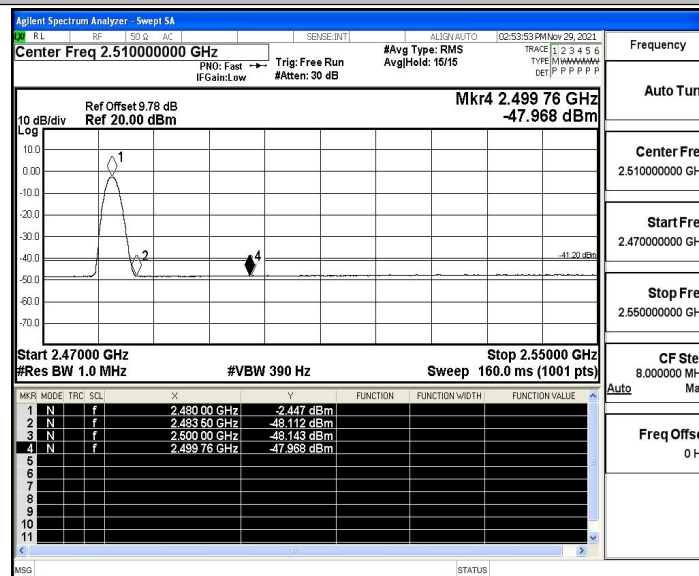




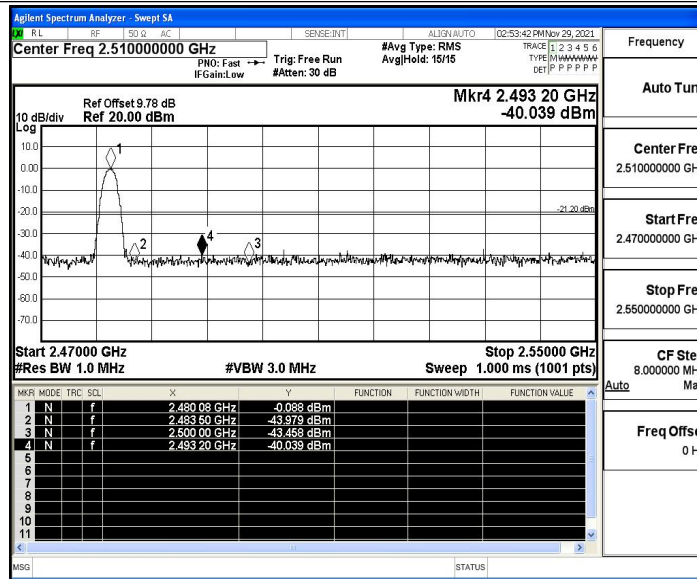
2DH5_Ant1_Low_2402_Peak



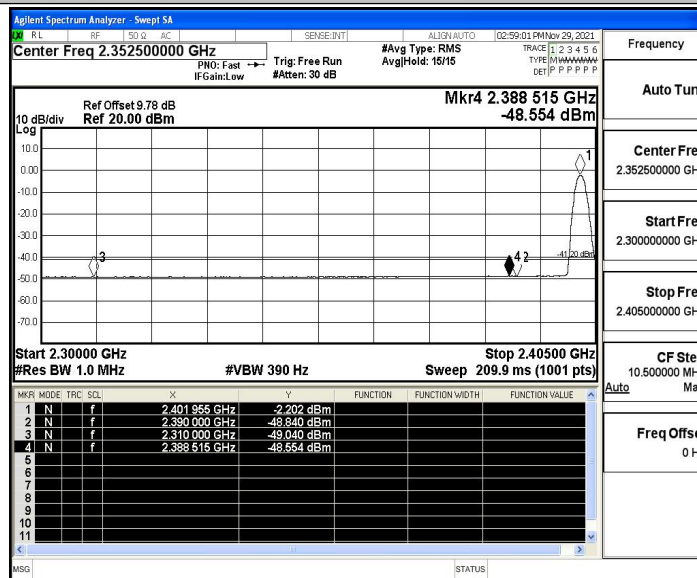
2DH5_Ant1_High_2480_AV



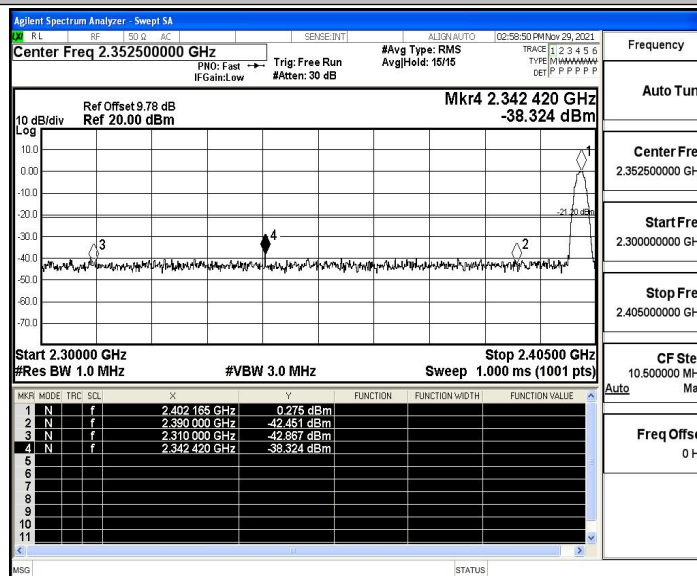
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

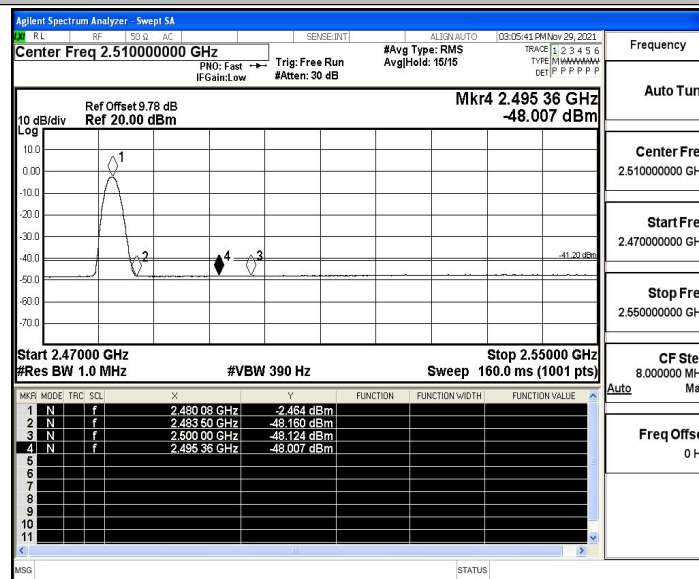


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

