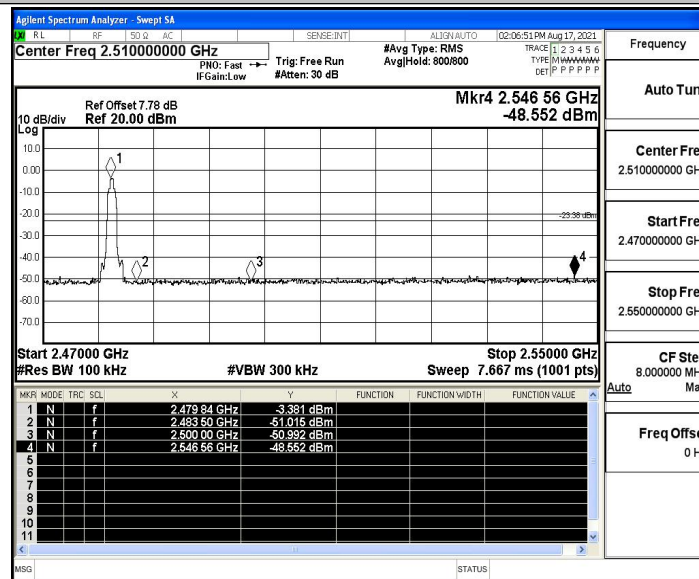
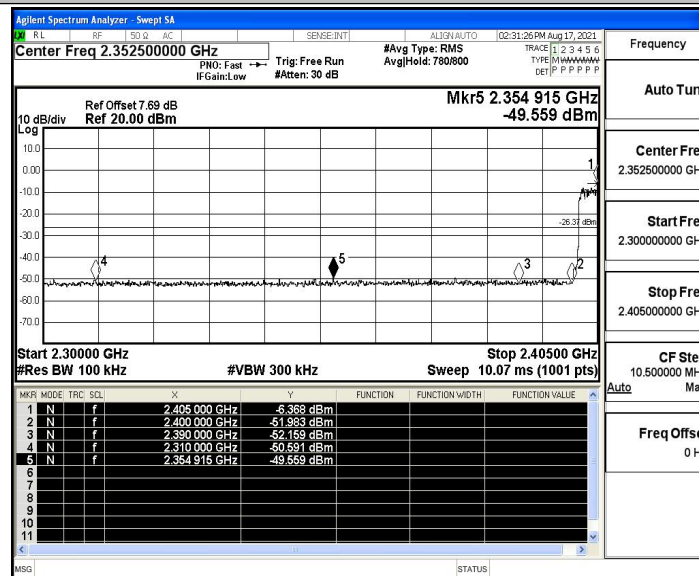




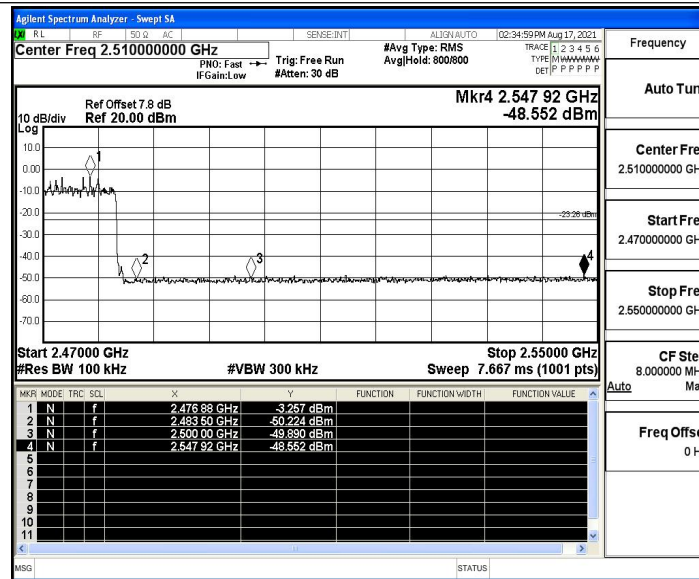
2DH5_Ant1_High_2480



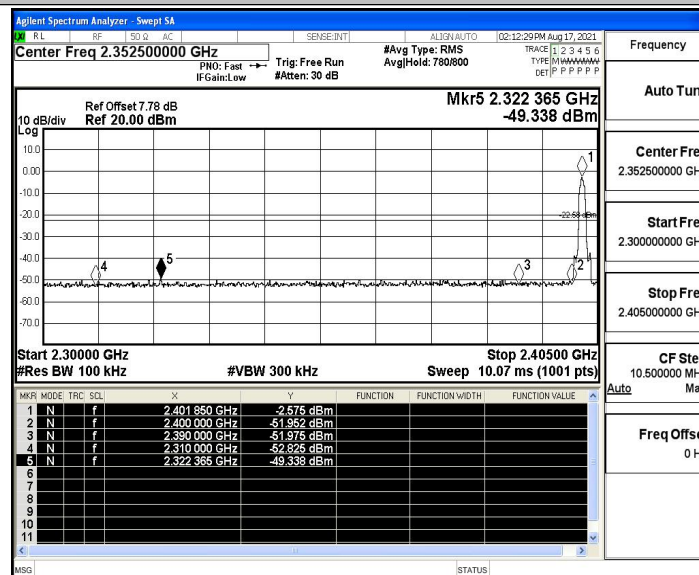
2DH5_Ant1_Low_Hop_2402



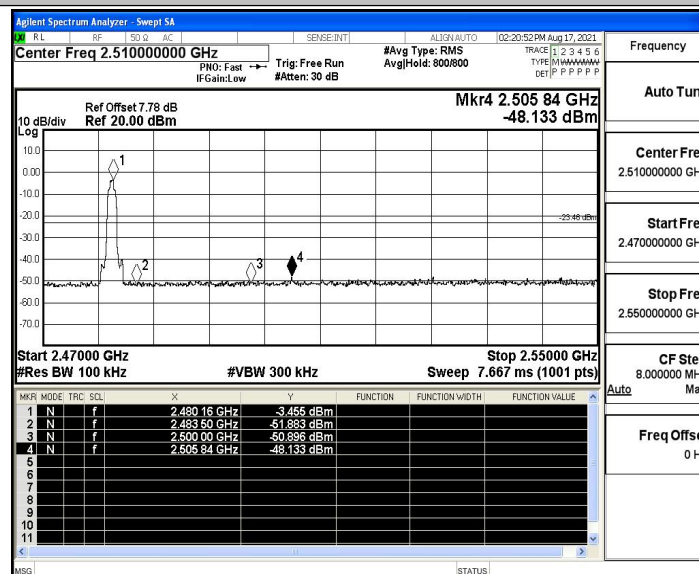
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

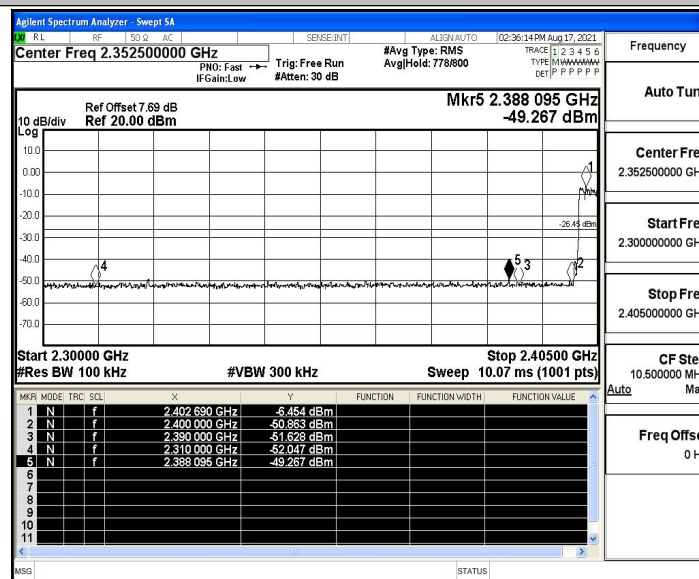


3DH5_Ant1_High_2480

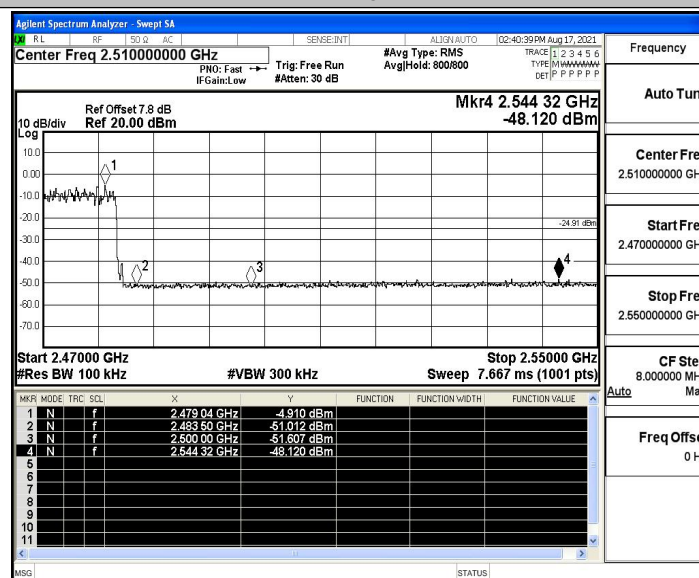




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

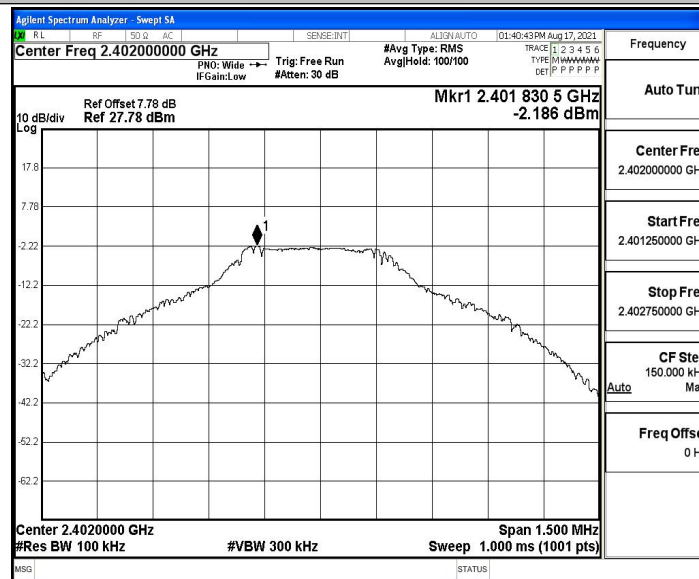
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-2.19	-2.19	---	PASS
			30~1000	-2.19	-45.47	≤-22.19	PASS
			1000~26500	-2.19	-47.56	≤-22.19	PASS
		2441	Reference	-3.13	-3.13	---	PASS
			30~1000	-3.13	-45.13	≤-23.13	PASS
			1000~26500	-3.13	-46.87	≤-23.13	PASS
		2480	Reference	-3.38	-3.38	---	PASS
			30~1000	-3.38	-45.18	≤-23.38	PASS
			1000~26500	-3.38	-47.7	≤-23.38	PASS
2DH5	Ant1	2402	Reference	-3.67	-3.67	---	PASS
			30~1000	-3.67	-45.58	≤-23.67	PASS
			1000~26500	-3.67	-46.99	≤-23.67	PASS
		2441	Reference	-3.07	-3.07	---	PASS
			30~1000	-3.07	-45.33	≤-23.07	PASS
			1000~26500	-3.07	-47.2	≤-23.07	PASS
		2480	Reference	-4.18	-4.18	---	PASS
			30~1000	-4.18	-45.75	≤-24.18	PASS
			1000~26500	-4.18	-47.12	≤-24.18	PASS
3DH5	Ant1	2402	Reference	-2.33	-2.33	---	PASS
			30~1000	-2.33	-45.76	≤-22.33	PASS
			1000~26500	-2.33	-47.43	≤-22.33	PASS
		2441	Reference	-3.05	-3.05	---	PASS
			30~1000	-3.05	-45.66	≤-23.05	PASS
			1000~26500	-3.05	-46.8	≤-23.05	PASS
		2480	Reference	-4.24	-4.24	---	PASS
			30~1000	-4.24	-45.38	≤-24.24	PASS
			1000~26500	-4.24	-48	≤-24.24	PASS

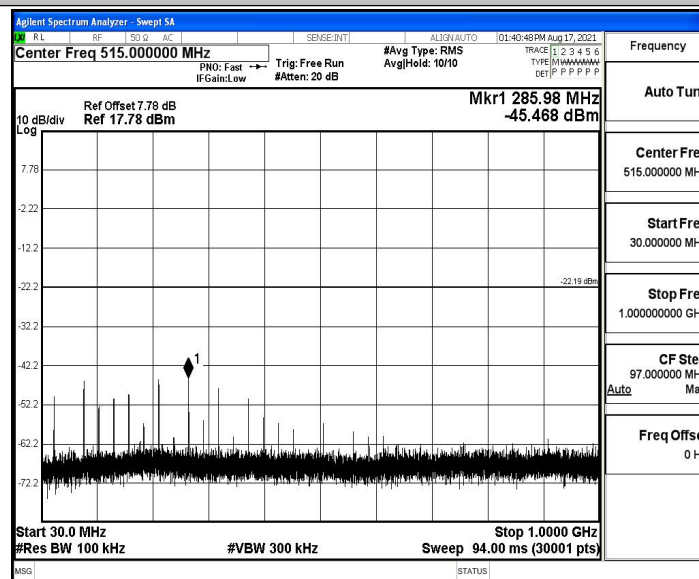


Test Graphs

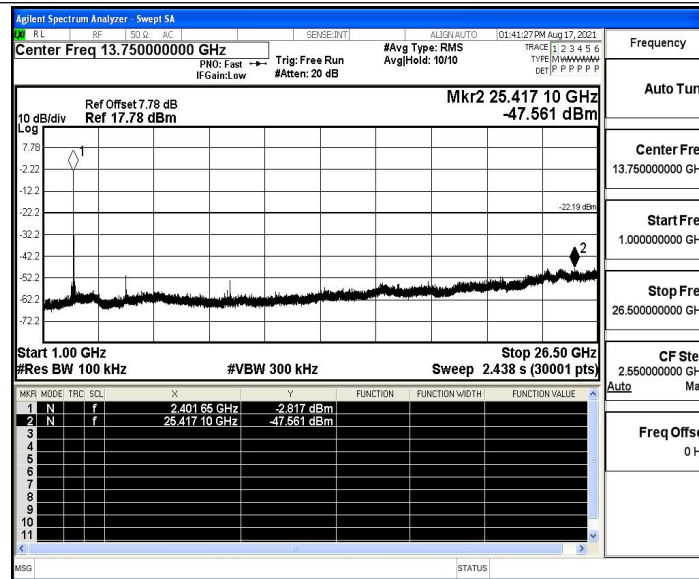
DH5_Ant1_2402_0~Reference



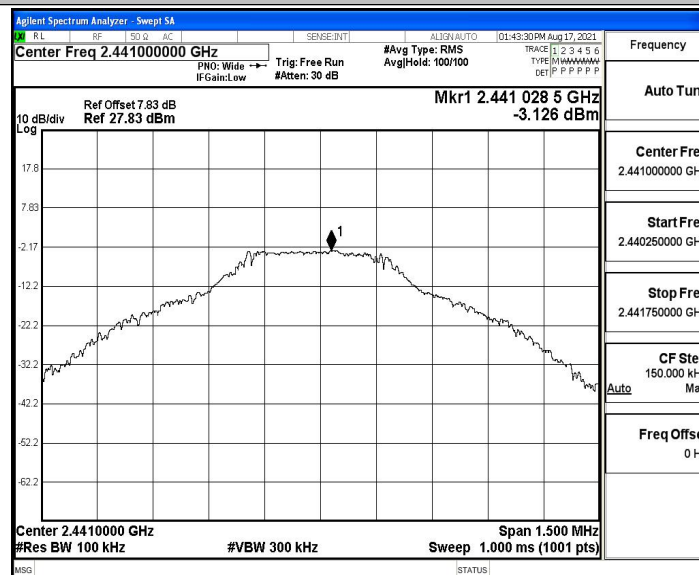
DH5_Ant1_2402_30~1000



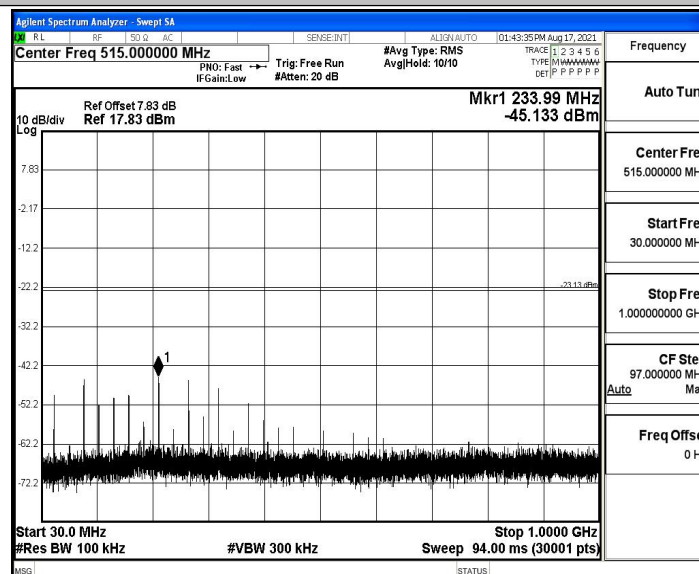
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000





Agilent Spectrum Analyzer - Sweep SA

RL RF SO G AC SENSE INT ALIGN AUTO [01:44:14 PM Aug 17, 2021]

Center Freq 13.75000000 GHz PNO: Fast IF Gain Low Trig: Free Run #Atten: 20 dB #Avg Type: RMS Avg/Hold: 10/10 TYPE: BWANAWW DET: P P P P P P

Ref Offset 7.83 dB Ref 17.83 dBm Mkr2 24.839 95 GHz -46.865 dBm

10 dB/div Log

Start 1.00 GHz Stop 26.50 GHz
#Res BW 100 kHz #VBW 300 kHz Sweep 2.438 s (30001 pts)

MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.440 75 GHz	-3.268 dBm			
2	N	f		24.839 95 GHz	-46.865 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG [STATUS] Auto Mar

Agilent Spectrum Analyzer - Sweep SA

RL RF SO G AC SENSE:INT ALIGN: AUTO [01:51:55 PM Aug 17, 2021]

Center Freq 2.480000000 GHz #Avg Type: RMS TRACE 1 2 3 4 5 6
 AvgHold: 100/100 TYPE: AAAAAAAW
 DET: P P P P P P

PRF: Wide → IF Gain: Low Trig: Free Run #Atten: 30 dB

Ref Offset 7.78 dB Mkr1 2.479 830 5 GHz
 Ref 27.78 dBm -3.375 dBm

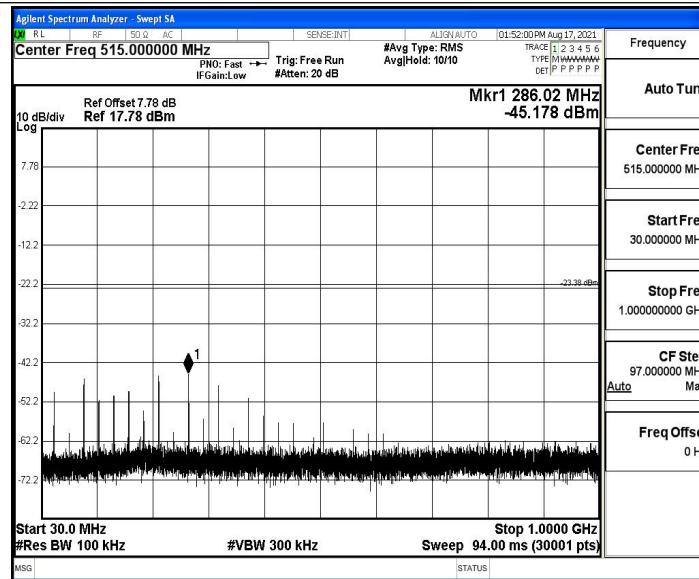
10 dB/div
Log

17.8
7.78
-2.22
-12.2
-22.2
-32.2
-42.2
-52.2
-62.2

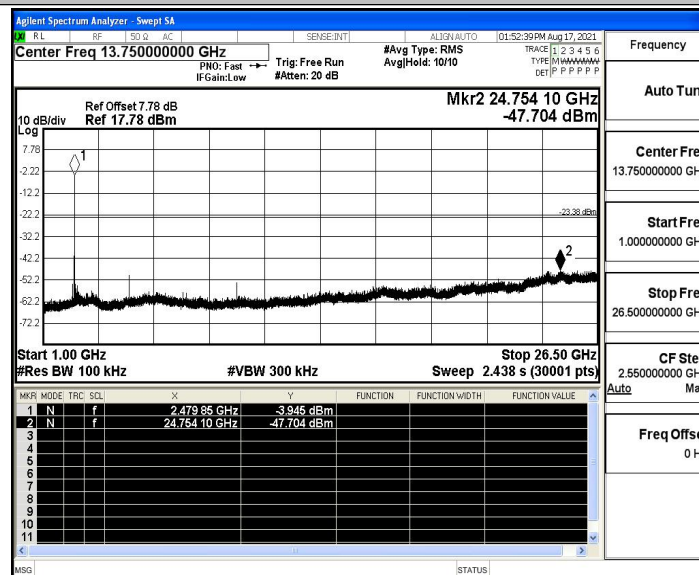
Center 2.4800000 GHz
 #Res BW 100 kHz #VBW 300 kHz
 Span 1.500 MHz
 Sweep 1.000 ms (1001 pts)

Frequency
Auto Tune
Center Freq
2.48000000 GHz
Start Freq
2.479250000 GHz
Stop Freq
2.480750000 GHz
CF Step
150.000 kHz
Man
Auto
Freq Offset
0 Hz

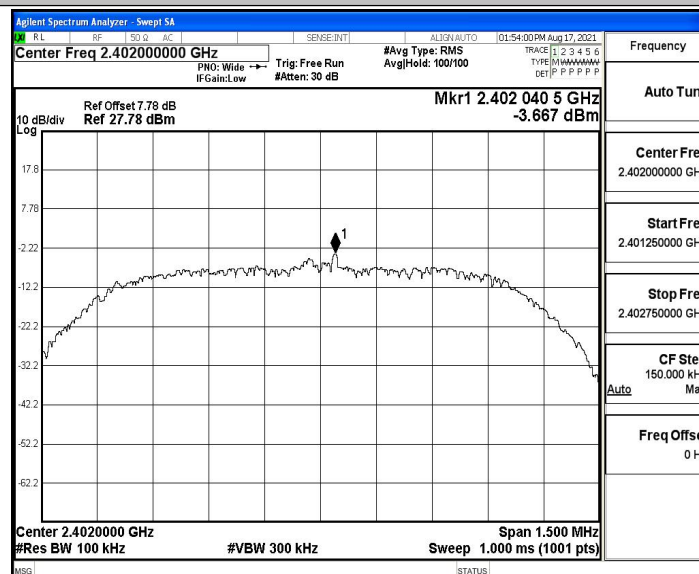
31



DH5_Ant1_2480_1000~26500

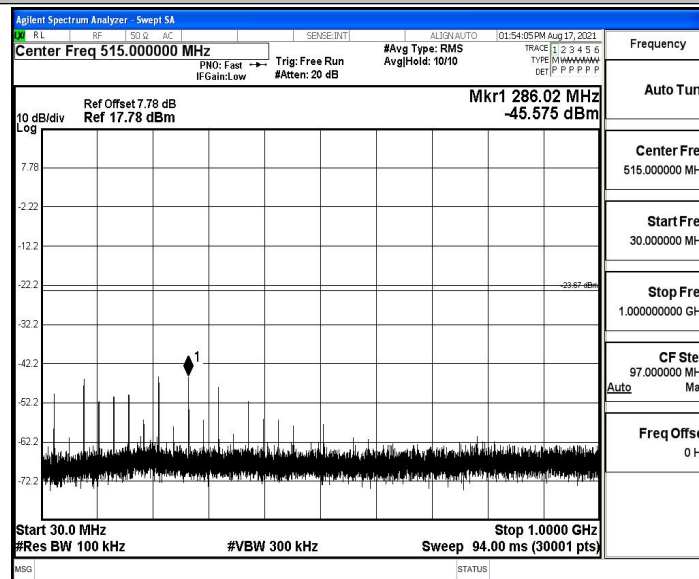


2DH5_Ant1_2402_0~Reference

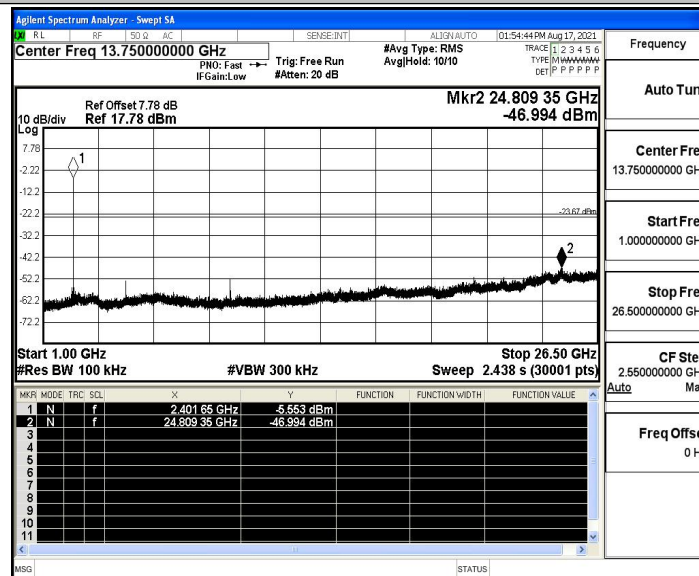




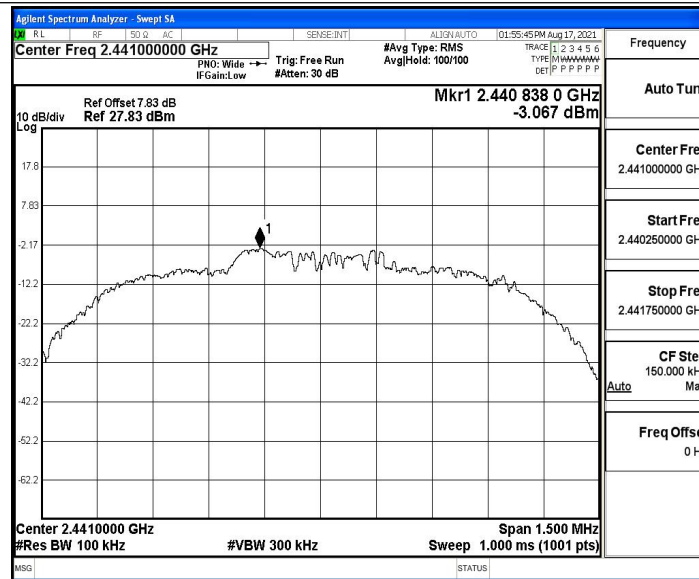
2DH5_Ant1_2402_30~1000



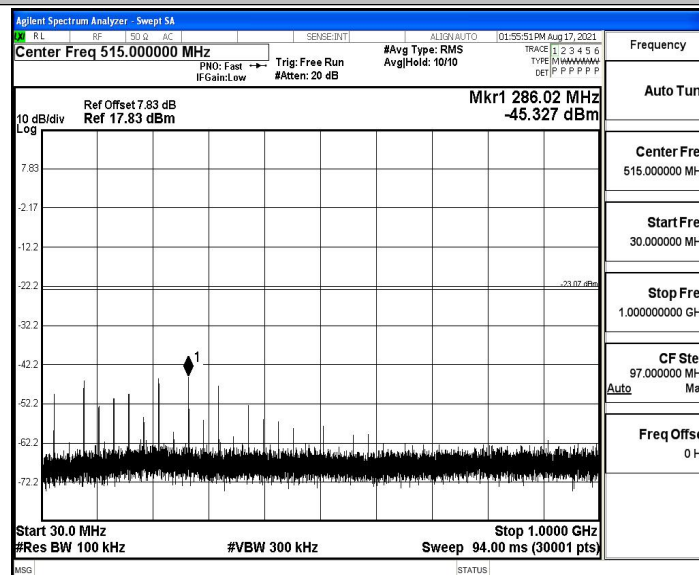
2DH5_Ant1_2402_1000~26500



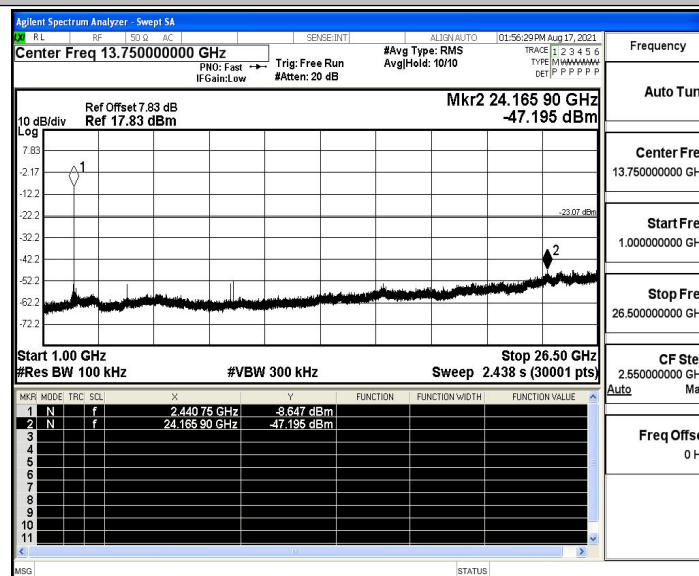
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

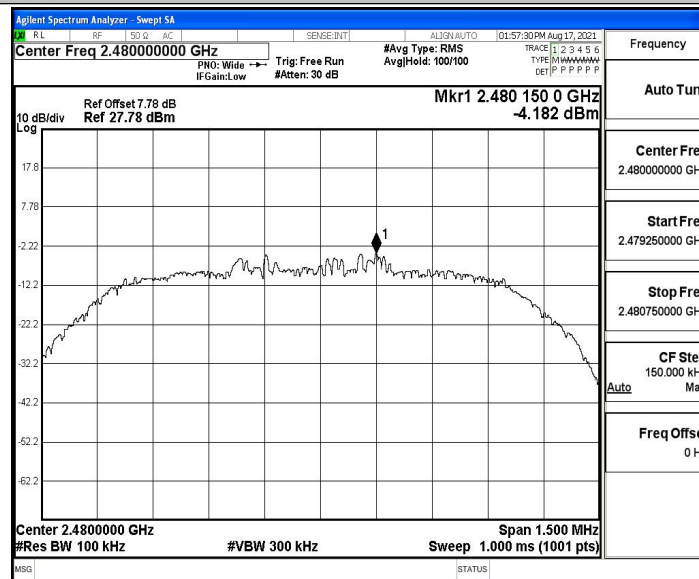


2DH5_Ant1_2441_1000~26500

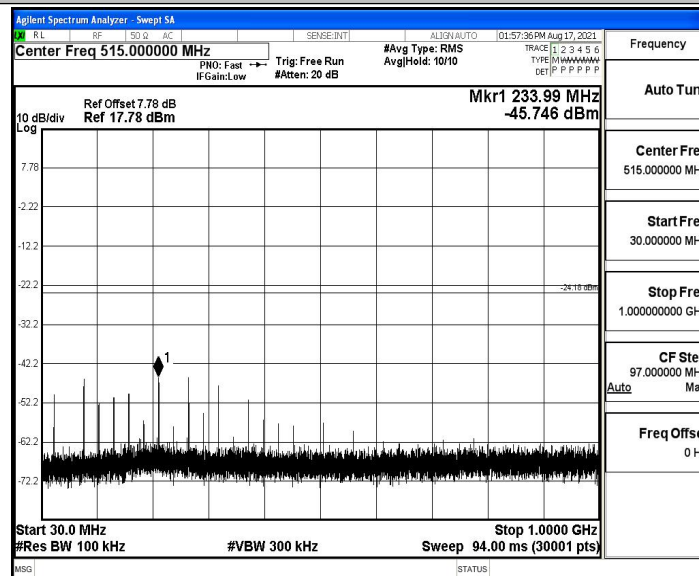




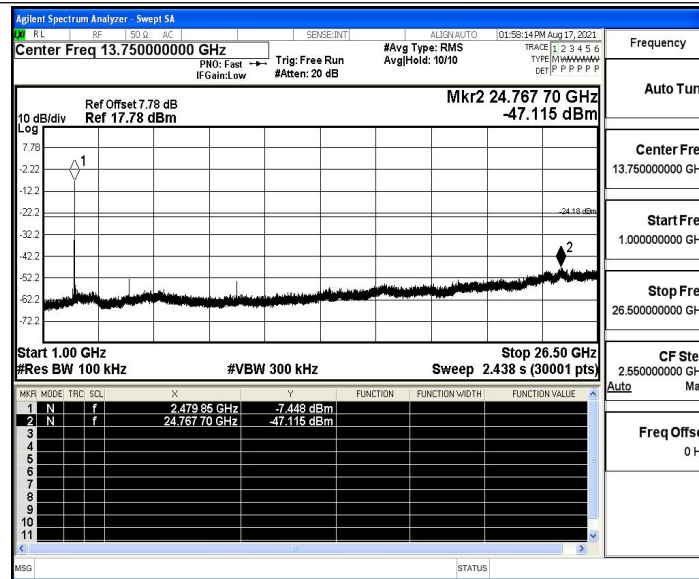
2DH5_Ant1_2480_0~Reference



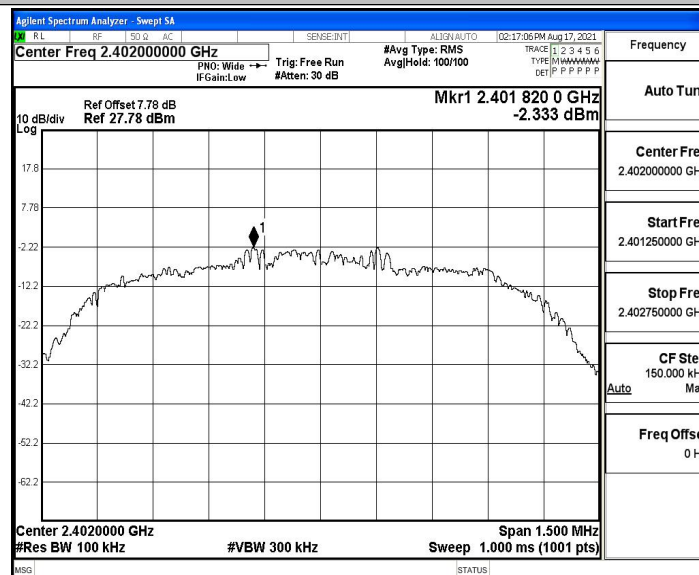
2DH5_Ant1_2480_30~1000



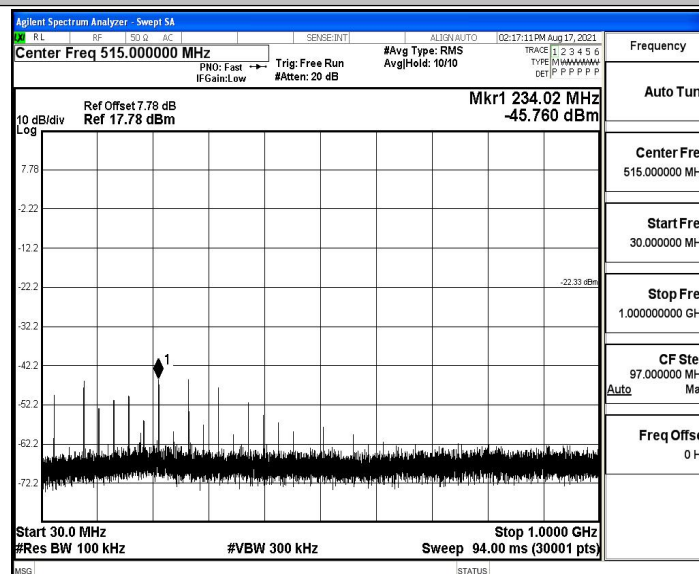
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

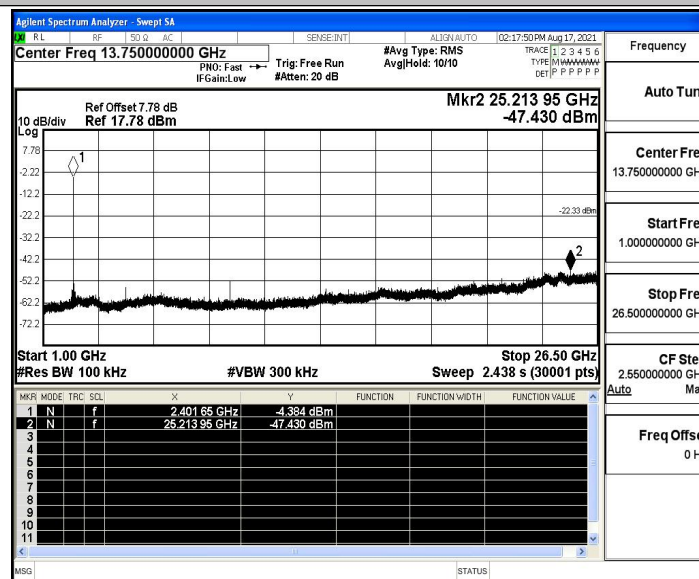


3DH5_Ant1_2402_30~1000

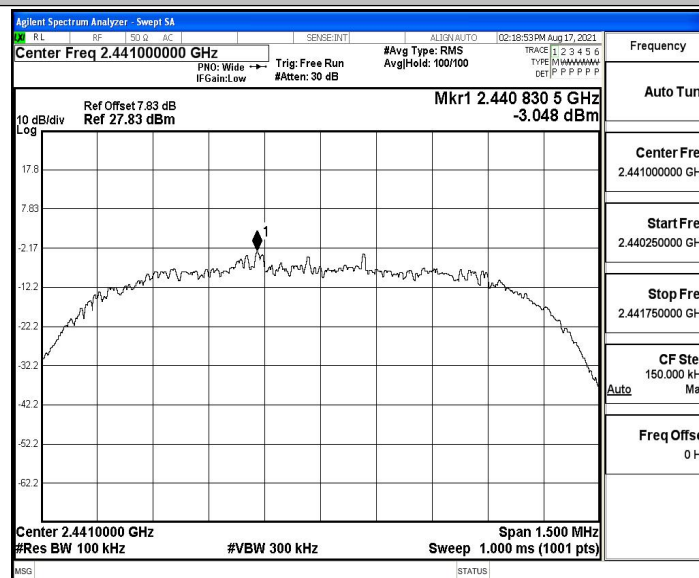




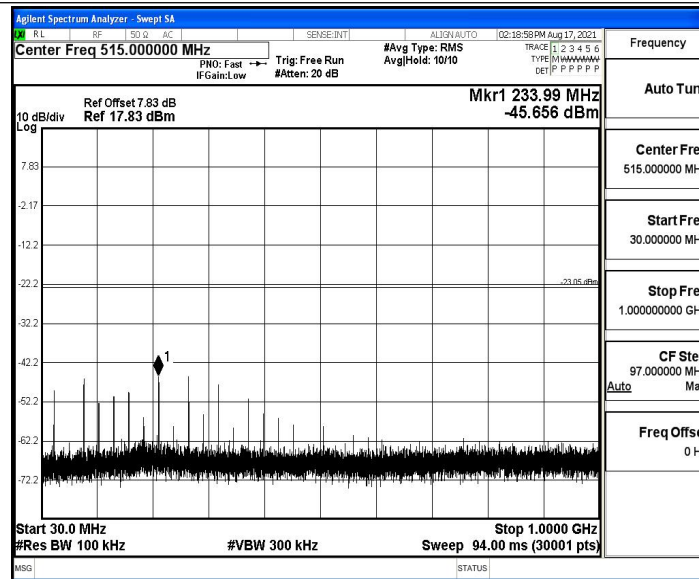
3DH5_Ant1_2402_1000~26500



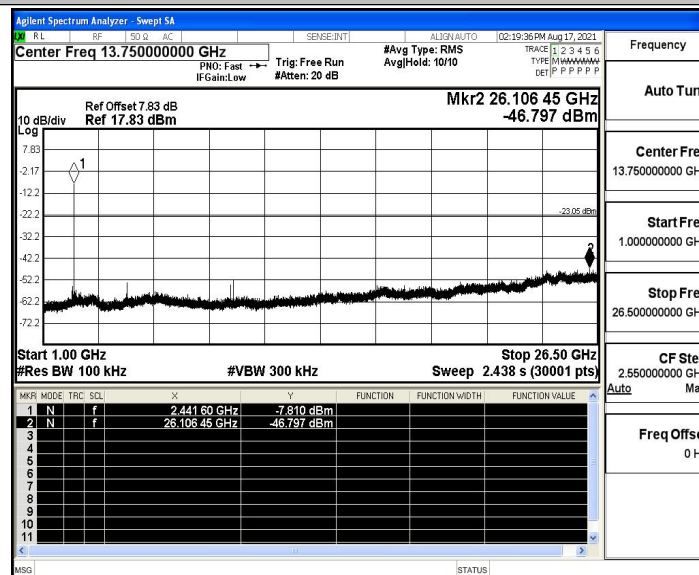
3DH5_Ant1_2441_0~Reference



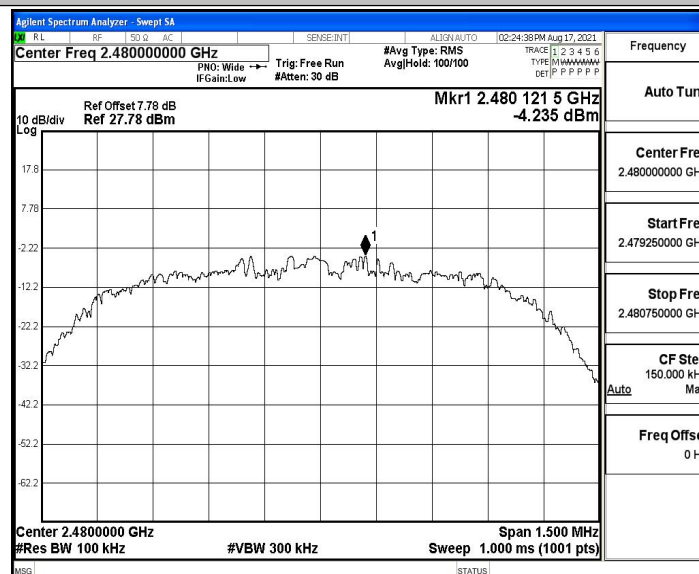
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

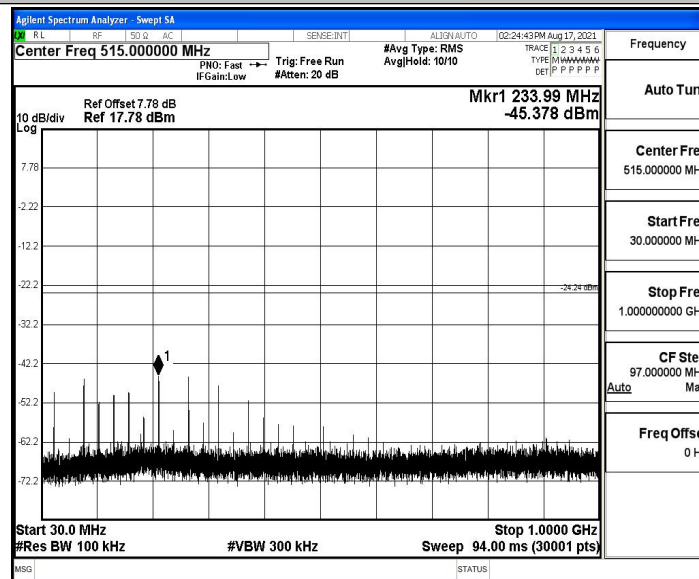


3DH5_Ant1_2480_0~Reference

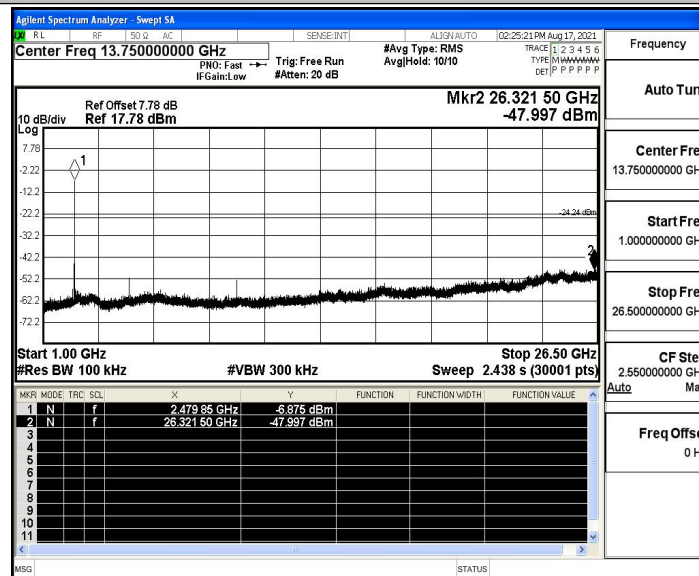




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.90	3.75	0.7733	77.33	1.12	---	PASS
		2441	2.91	3.32	0.8765	87.65	0.57	---	PASS
		2480	2.90	3.75	0.7733	77.33	1.12	---	PASS
2DH5	Ant1	2402	2.91	3.75	0.7760	77.60	1.10	---	PASS
		2441	2.90	3.75	0.7733	77.33	1.12	---	PASS
		2480	2.90	3.75	0.7733	77.33	1.12	---	PASS
3DH5	Ant1	2402	2.91	3.75	0.7760	77.60	1.10	---	PASS
		2441	2.91	3.75	0.7760	77.60	1.10	---	PASS
		2480	2.91	3.75	0.7760	77.60	1.10	---	PASS