



**5.8G SDR, 80MHz BW**

SISO mode (Worst case\_ANT0)

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
80MHz	Ant0	5765.5	1.64	≤30.00	PASS
		5787.5	2.08	≤30.00	PASS
		5809.5	0.53	≤30.00	PASS

Note:

1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

80MHz Ant0 5765.5



80MHz Ant0 5787.5



80MHz Ant0 5809.5

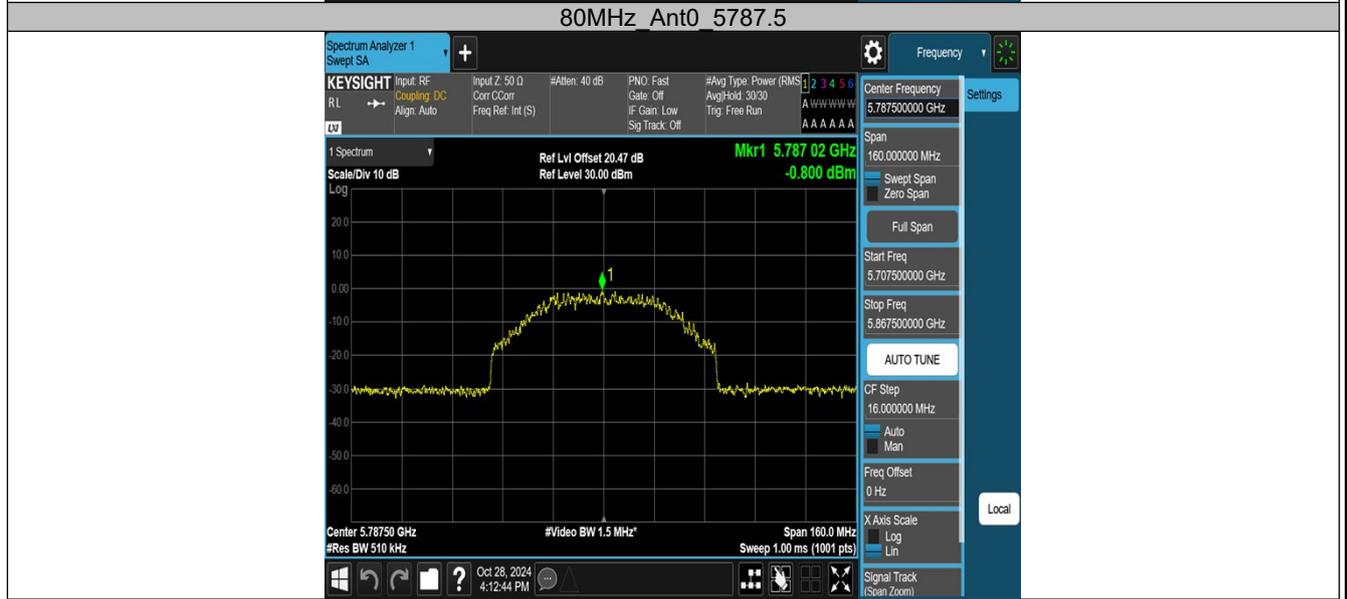


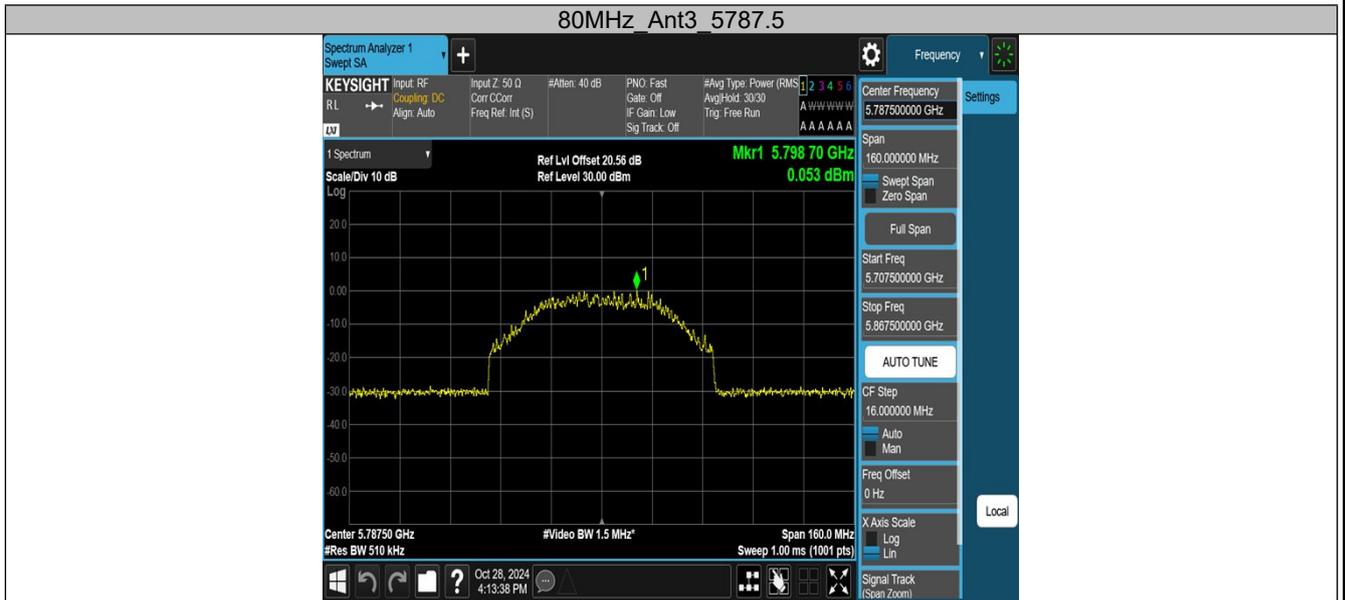
MIMO mode (Worst case\_ANT0+ANT3)

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
80MHz	Ant0	5765.5	0.53	≤30.00	PASS
	Ant3	5765.5	-0.42	≤30.00	PASS
	total	5765.5	3.09	≤30.00	PASS
	Ant0	5787.5	-0.80	≤30.00	PASS
	Ant3	5787.5	0.05	≤30.00	PASS
	total	5787.5	2.66	≤30.00	PASS
	Ant0	5809.5	-0.81	≤30.00	PASS
	Ant3	5809.5	-0.24	≤30.00	PASS
	total	5809.5	2.49	≤30.00	PASS

Note:

1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.





## Appendix A.2: Test Results of Frequency Stability

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+3) was presented in this report.

TestMode	Antenna	Channel	Voltage			Limit (ppm)	Verdict
			Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)		
1.4MHz	Ant0	5728.5	na	2000.00	0.349132	20	PASS
		5786.5	na	2000.00	0.345632	20	PASS
		5846.12	na	2000.00	0.342107	20	PASS
3MHz	Ant0	5727.5	na	2000.00	0.349192	20	PASS
		5784.5	na	2000.00	0.345752	20	PASS
		5847.2	na	2000.00	0.342044	20	PASS
5MHz	Ant0	5732.5	na	2000.00	0.348888	20	PASS
		5787.5	na	2000.00	0.345572	20	PASS
		5842.5	na	2000.00	0.342319	20	PASS
10MHz	Ant0	5730.5	na	2000.00	0.349010	20	PASS
		5787.5	na	3000.00	0.518359	20	PASS
		5844.5	na	2000.00	0.342202	20	PASS
20MHz	Ant0	5735.5	na	2000.00	0.348705	20	PASS
		5787.5	na	3000.00	0.518359	20	PASS
		5839.5	na	2000.00	0.342495	20	PASS
40MHz	Ant0	5745.5	na	2000.00	0.348099	20	PASS
		5787.5	na	2000.00	0.345572	20	PASS
		5829.5	na	2000.00	0.343083	20	PASS
60MHz	Ant0	5755.5	na	2000.00	0.347494	20	PASS
		5787.5	na	2000.00	0.345572	20	PASS
		5819.5	na	2000.00	0.343672	20	PASS
80MHz	Ant0	5765.5	na	2000.00	0.346891	20	PASS
		5787.5	na	2000.00	0.345572	20	PASS
		5809.5	na	2000.00	0.344264	20	PASS

### Appendix A.3: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+3) was presented in this report.

#### 5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MHz	Ant0	5728.5	1.120	5727.946	5729.066	0.5	PASS
		5786.5	1.095	5785.962	5787.057	0.5	PASS
		5846.12	1.095	5845.577	5846.672	0.5	PASS

1.4MHz Ant0 5728.5



1.4MHz Ant0 5786.5



1.4MHz Ant0 5846.12



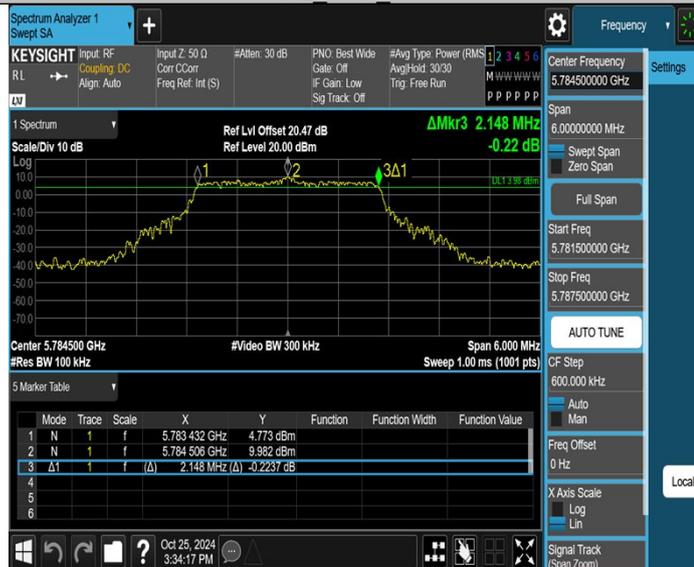
**5.8G SDR, 3MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MHz	Ant0	5727.5	2.154	5726.426	5728.580	0.5	PASS
		5784.5	2.148	5783.432	5785.580	0.5	PASS
		5847.2	2.166	5846.126	5848.292	0.5	PASS

3MHz\_Ant0\_5727.5



3MHz\_Ant0\_5784.5



3MHz\_Ant0\_5847.2



**5.8G SDR, 5MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5MHz	Ant0	5732.5	4.290	5730.360	5734.650	0.5	PASS
		5787.5	4.160	5785.440	5789.600	0.5	PASS
		5842.5	4.280	5840.370	5844.650	0.5	PASS

5MHz\_Ant0\_5732.5



5MHz\_Ant0\_5787.5



5MHz\_Ant0\_5842.5



**5.8G SDR, 10MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	5730.5	8.980	5726.020	5735.000	0.5	PASS
		5787.5	9.020	5783.000	5792.020	0.5	PASS
		5844.5	9.000	5840.000	5849.000	0.5	PASS

10MHz Ant0 5730.5



10MHz Ant0 5787.5



10MHz Ant0 5844.5



**5.8G SDR, 20MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	5735.5	17.760	5726.620	5744.380	0.5	PASS
		5787.5	17.640	5778.700	5796.340	0.5	PASS
		5839.5	17.720	5830.620	5848.340	0.5	PASS

20MHz Ant0 5735.5



20MHz Ant0 5787.5



20MHz Ant0 5839.5



**5.8G SDR, 40MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	5745.5	35.840	5727.660	5763.500	0.5	PASS
		5787.5	36.000	5769.500	5805.500	0.5	PASS
		5829.5	35.920	5811.500	5847.420	0.5	PASS

40MHz Ant0 5745.5



40MHz Ant0 5787.5



40MHz Ant0 5829.5



**5.8G SDR, 60MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	5755.5	53.760	5728.620	5782.380	0.5	PASS
		5787.5	53.760	5760.620	5814.380	0.5	PASS
		5819.5	53.760	5792.620	5846.380	0.5	PASS

60MHz Ant0 5755.5



60MHz Ant0 5787.5

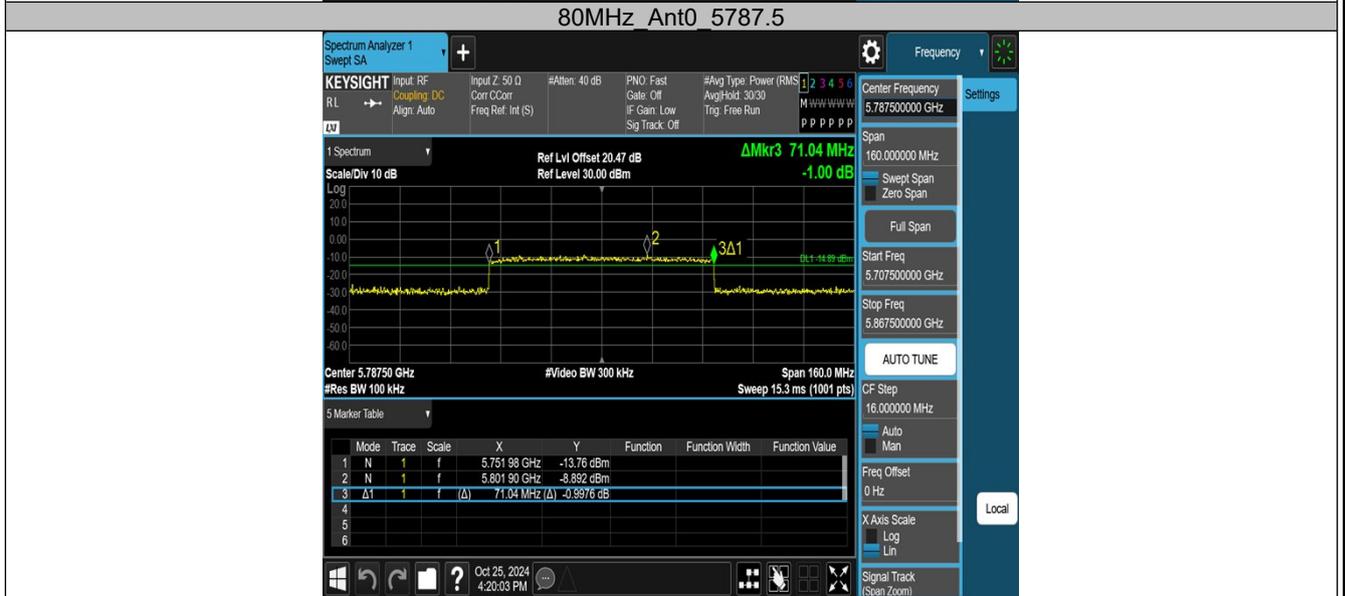
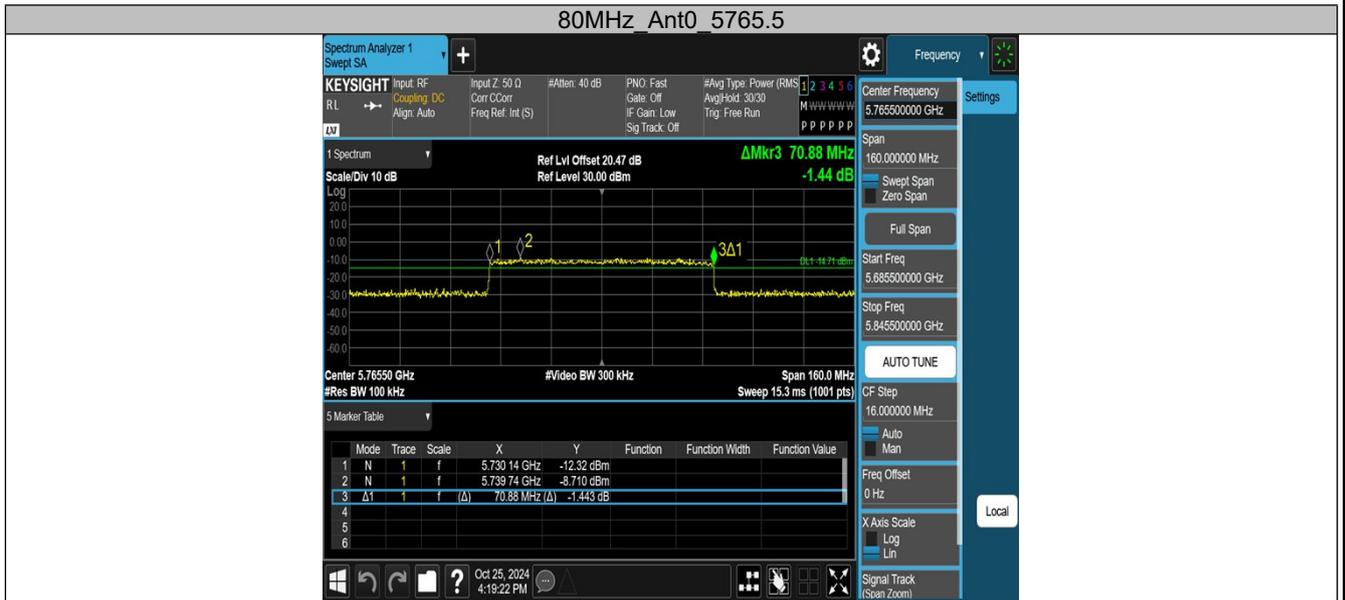


60MHz Ant0 5819.5



**5.8G SDR, 80MHz BW**

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80MHz	Ant0	5765.5	70.880	5730.140	5801.020	0.5	PASS
		5787.5	71.040	5751.980	5823.020	0.5	PASS
		5809.5	71.040	5773.980	5845.020	0.5	PASS



### Appendix A.4: Test Results of 99% Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+3) was presented in this report.

#### 5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MHz	Ant0	5728.5	1.3111	5727.8409	5729.1520	---	PASS
		5786.5	1.2936	5785.8453	5787.1389	---	PASS
		5846.12	1.2832	5845.4821	5846.7653	---	PASS



**5.8G SDR, 3MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MHz	Ant0	5727.5	2.2343	5726.3908	5728.6251	---	PASS
		5784.5	2.2234	5783.3839	5785.6073	---	PASS
		5847.2	2.2456	5846.0862	5848.3318	---	PASS



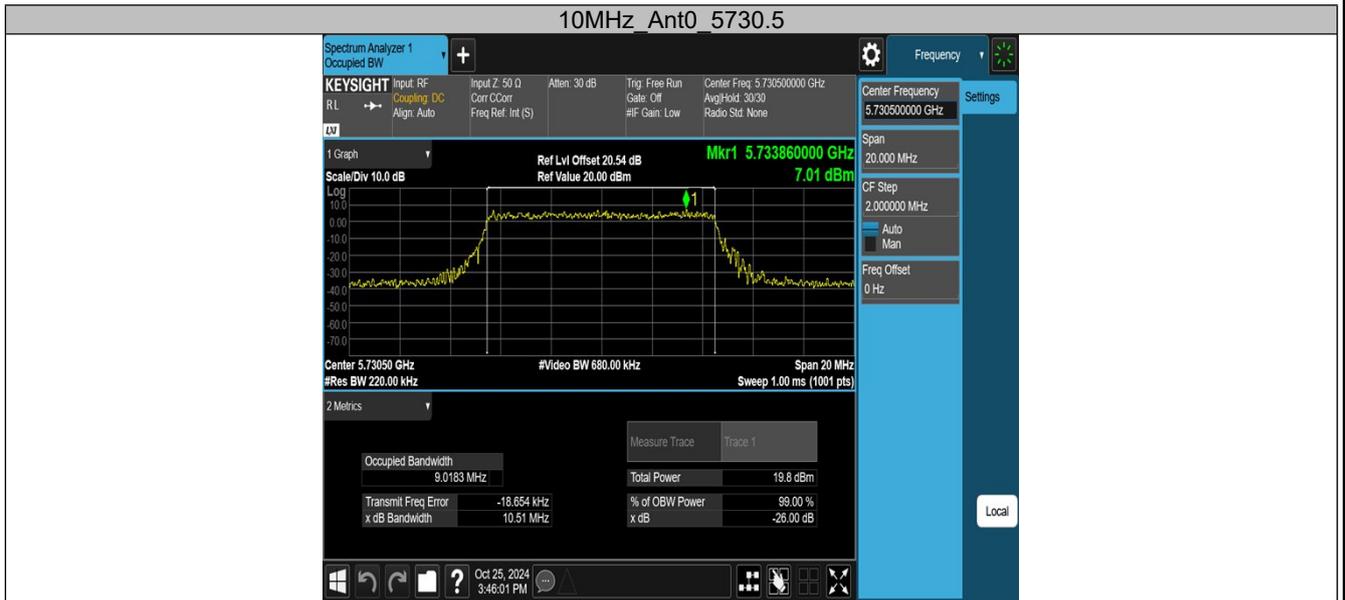
**5.8G SDR, 5MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5MHz	Ant0	5732.5	4.3752	5730.3105	5734.6857	---	PASS
		5787.5	4.3913	5785.3200	5789.7113	---	PASS
		5842.5	4.3878	5840.3146	5844.7024	---	PASS



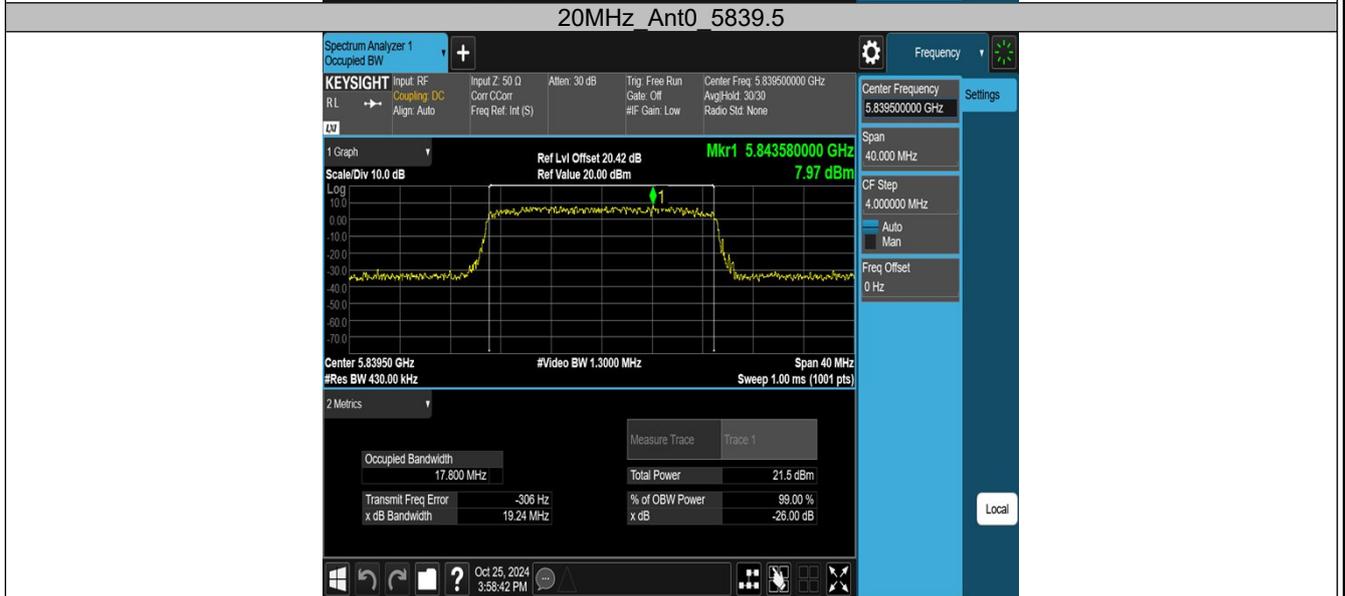
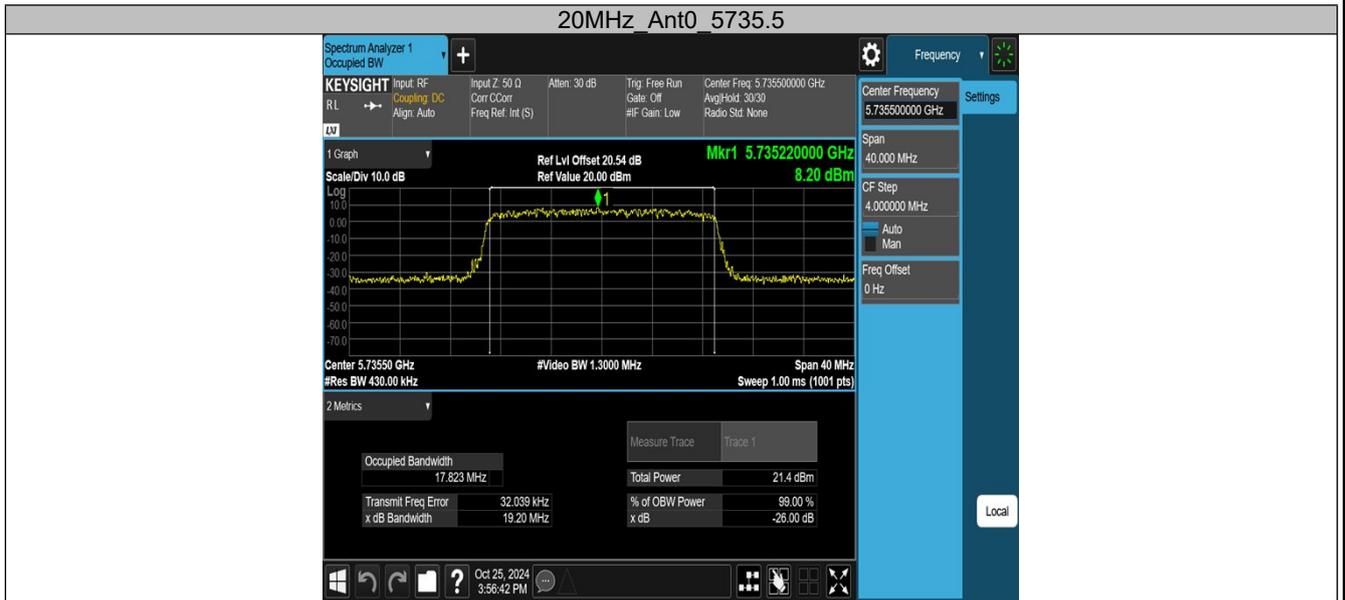
**5.8G SDR, 10MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	5730.5	9.0183	5725.9722	5734.9905	---	PASS
		5787.5	9.0413	5782.9856	5792.0269	---	PASS
		5844.5	9.0125	5840.0064	5849.0189	---	PASS



**5.8G SDR, 20MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	5735.5	17.823	5726.6205	5744.4435	---	PASS
		5787.5	17.797	5778.6081	5796.4051	---	PASS
		5839.5	17.800	5830.5997	5848.3997	---	PASS



**5.8G SDR, 40MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	5745.5	35.796	5727.6846	5763.4806	---	PASS
		5787.5	35.866	5769.6271	5805.4931	---	PASS
		5829.5	35.939	5811.5585	5847.4975	---	PASS