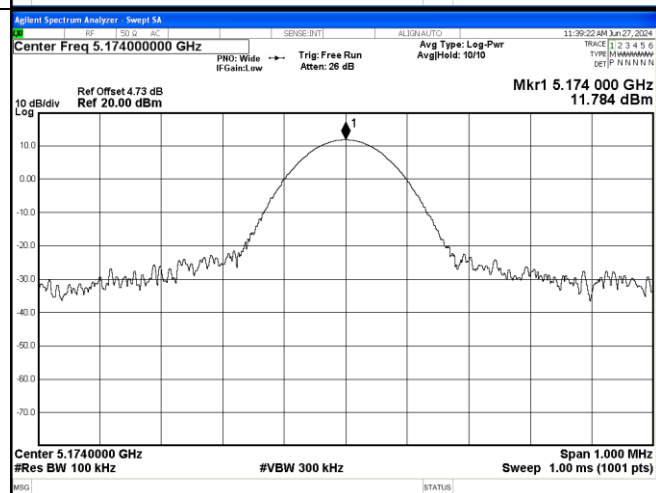
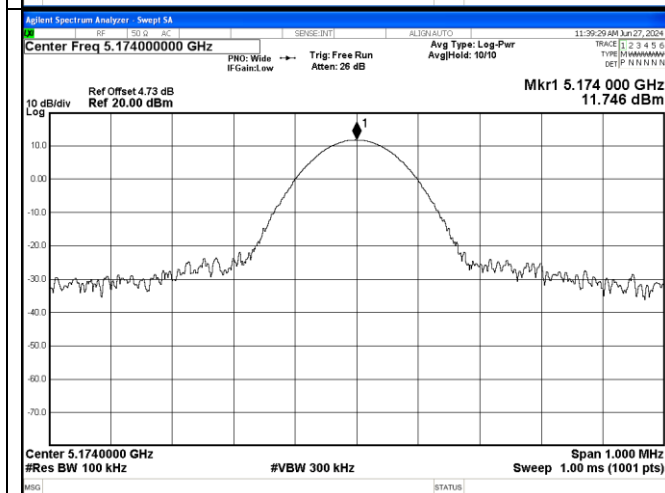
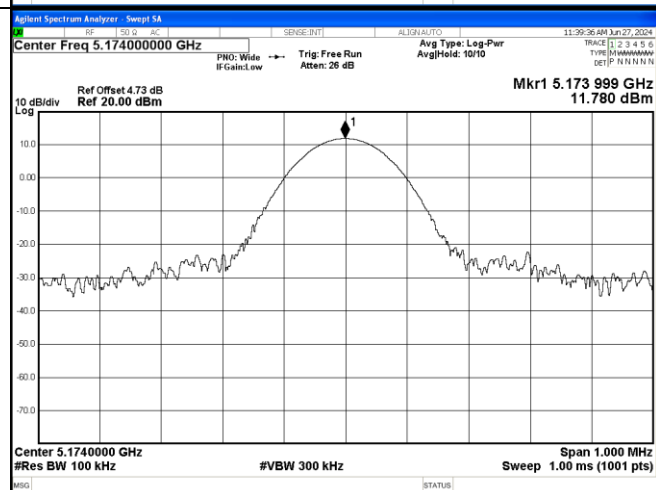
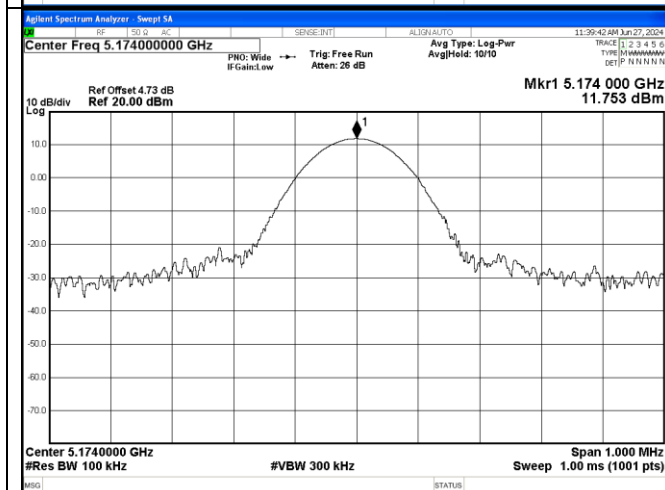
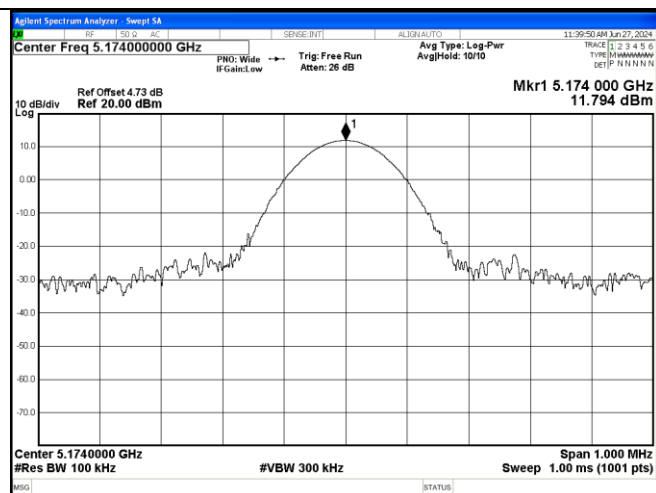
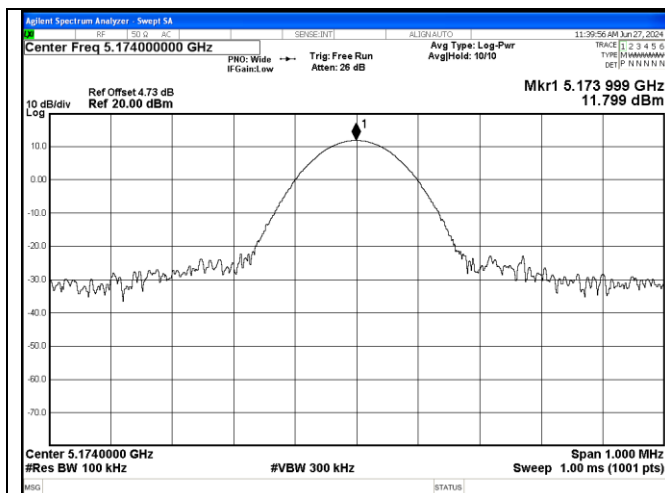
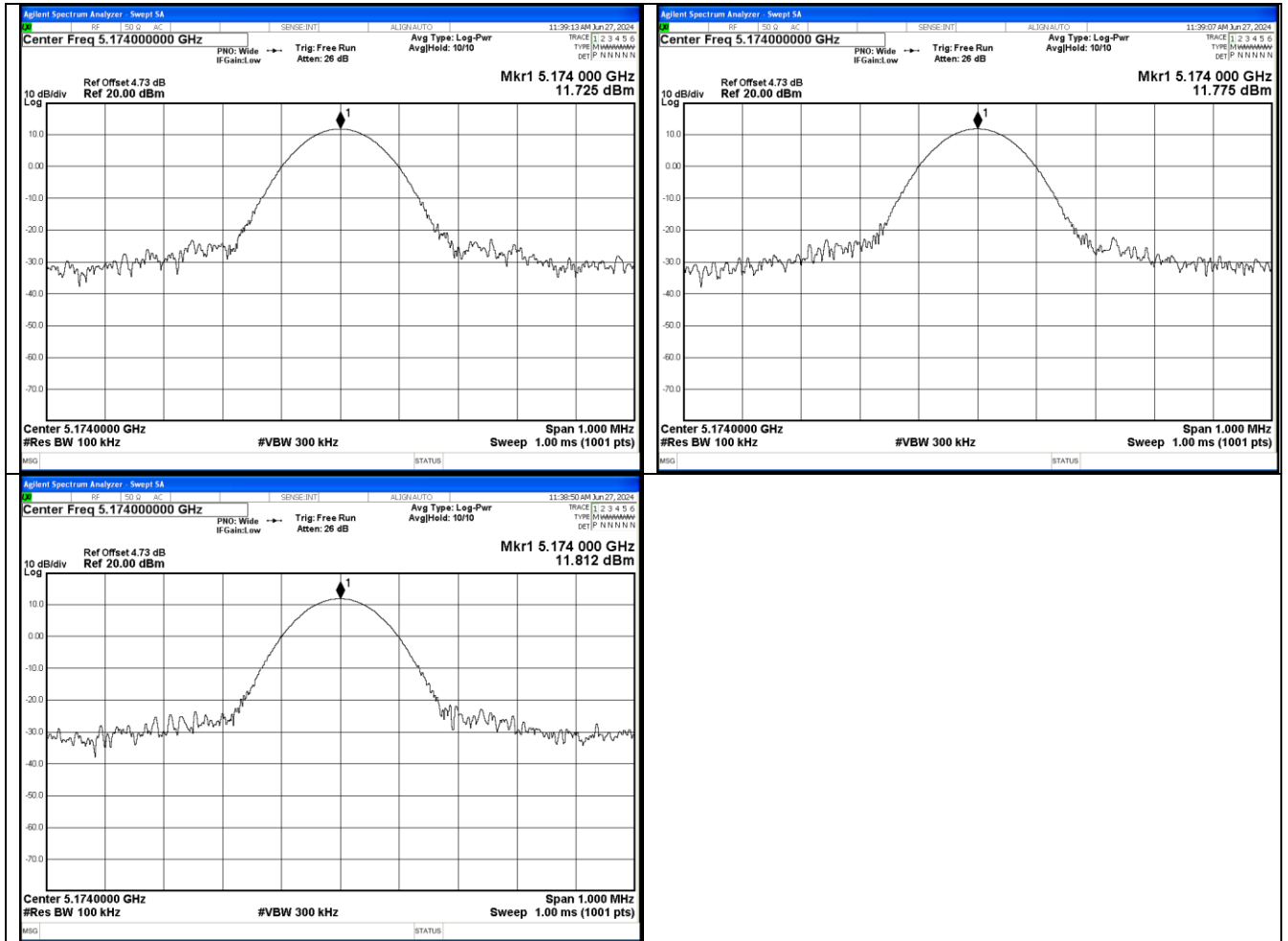


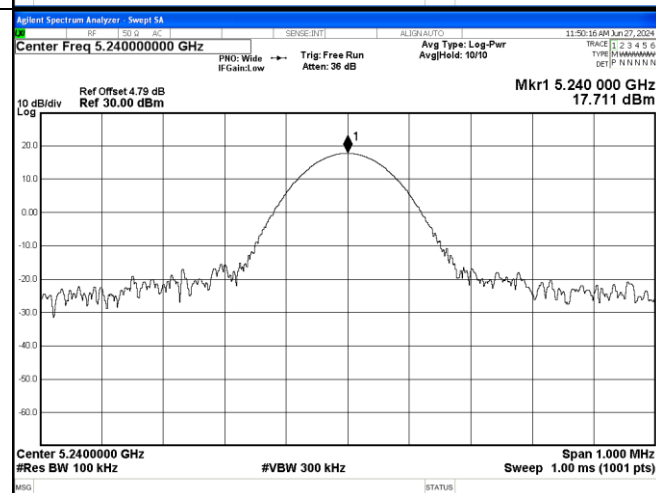
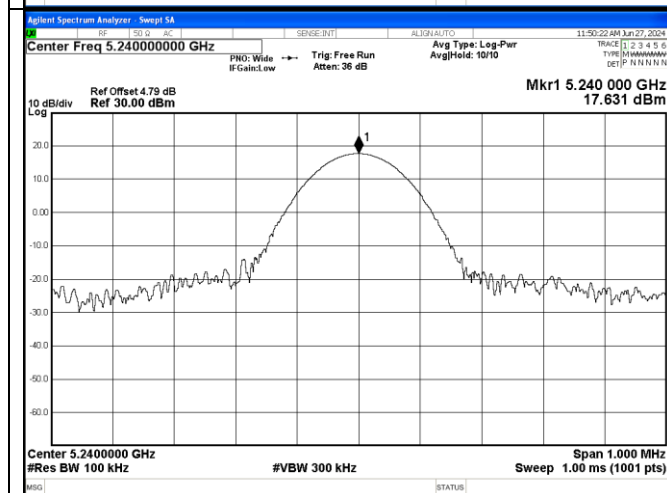
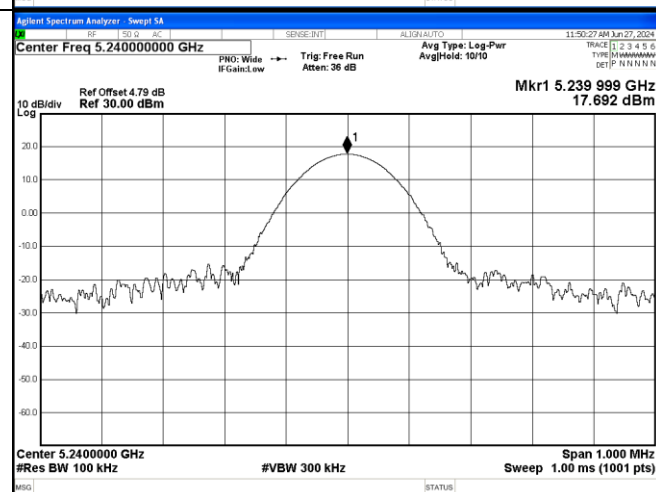
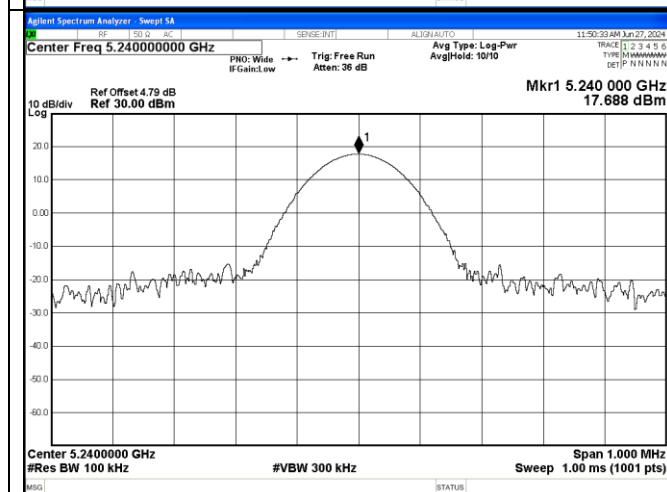
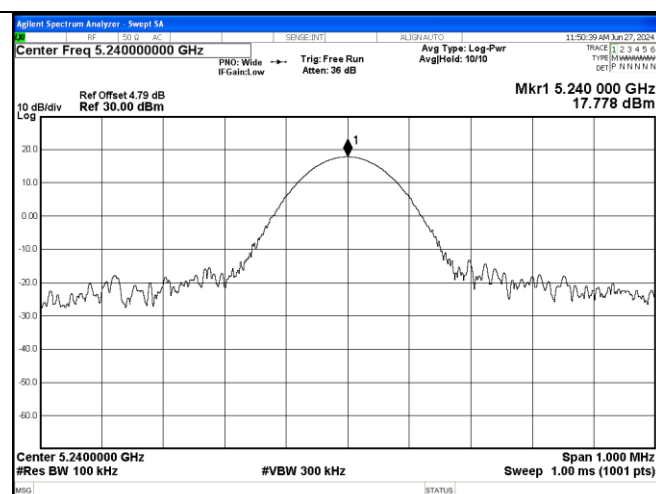
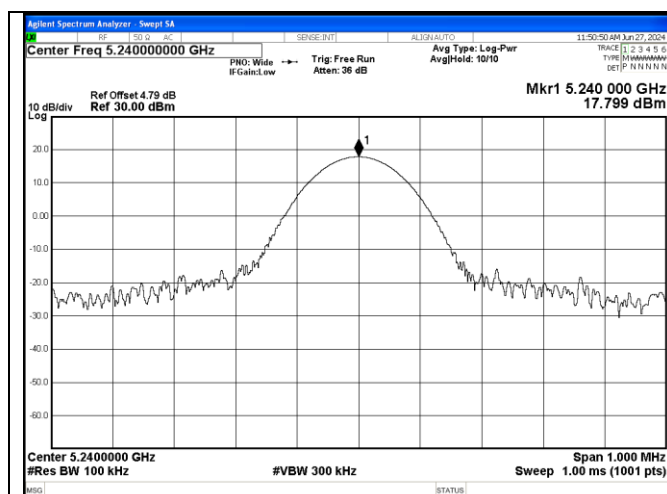
20MHz Bandwidth mode:

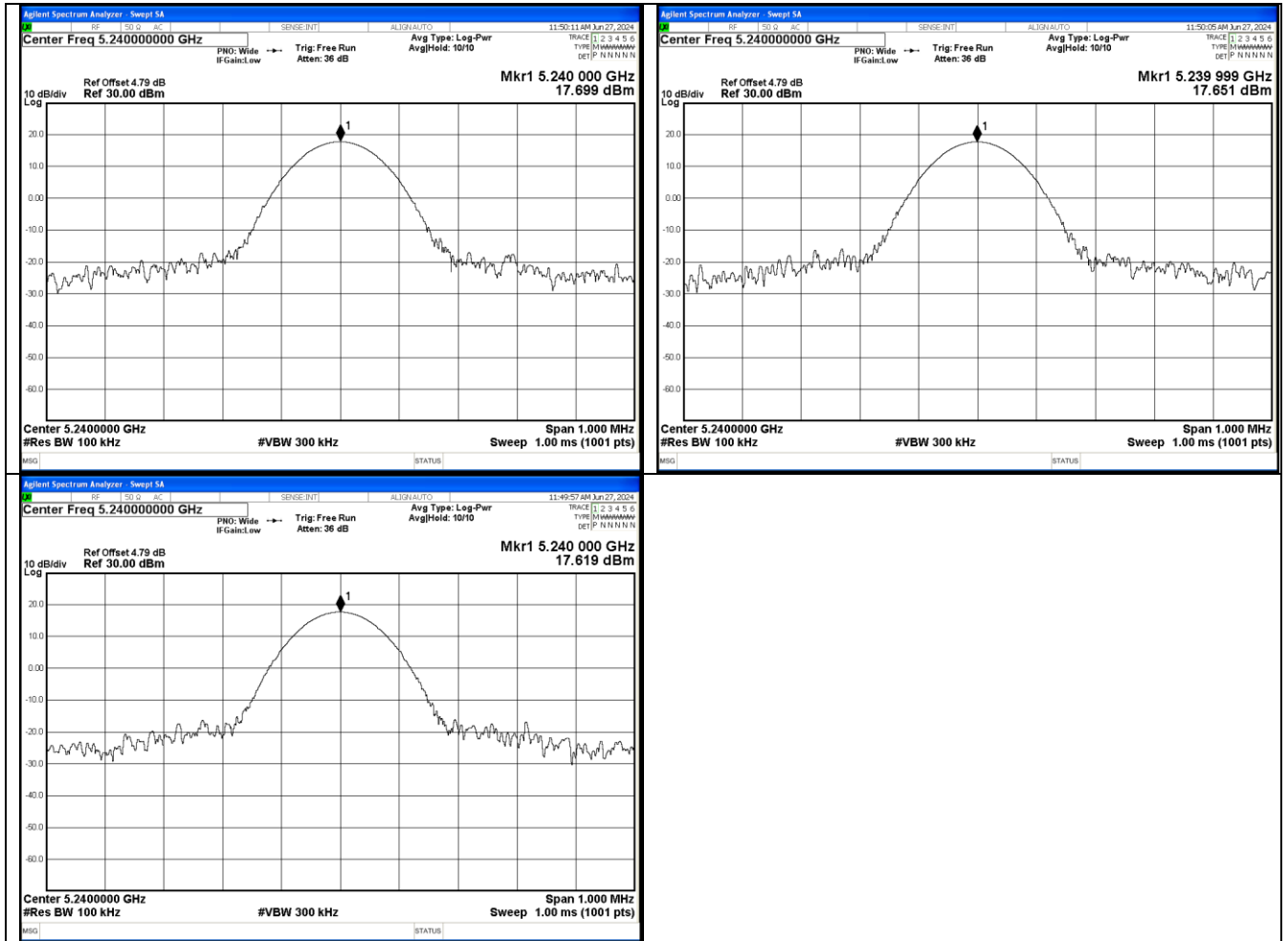
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5174	14.4Vdc	-20	5173.999	0.19	25	Pass
		0	5173.9995	0.1	25	Pass
		10	5173.9995	0.1	25	Pass
		20	5173.999	0.19	25	Pass
		30	5173.9995	0.1	25	Pass
		40	5173.9995	0.1	25	Pass
		50	5174	0	25	Pass
	12Vdc	25	5173.9995	0.1	25	Pass
	17Vdc	25	5173.9995	0.1	25	Pass



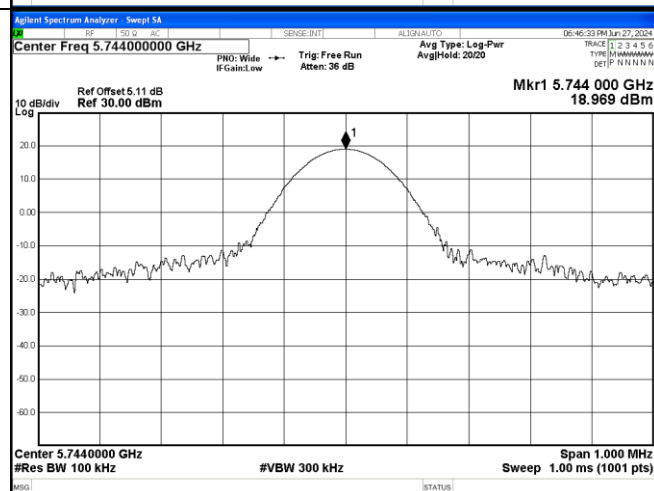
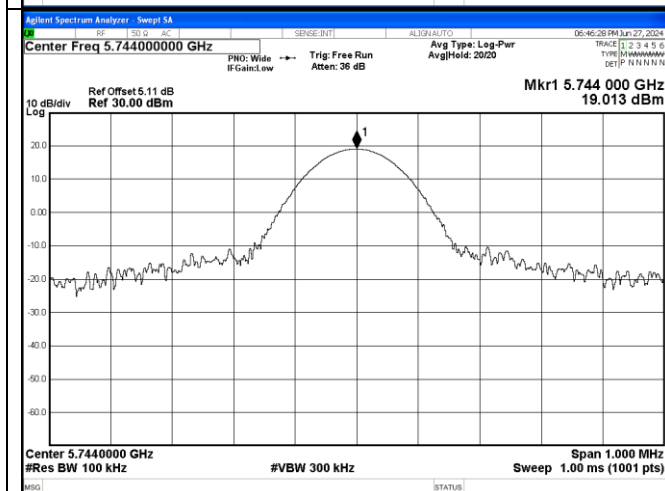
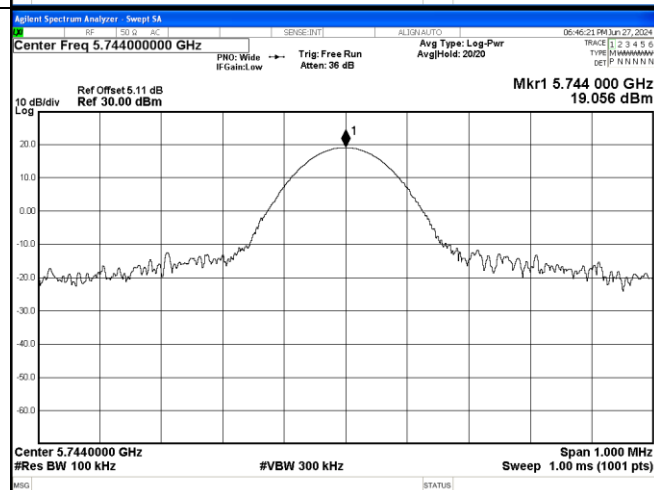
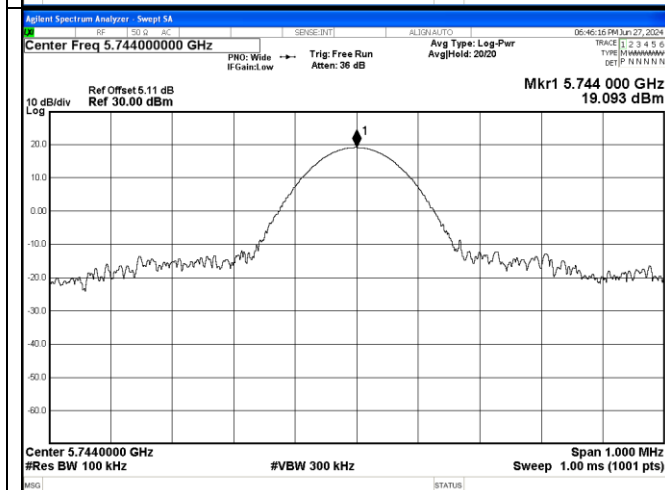
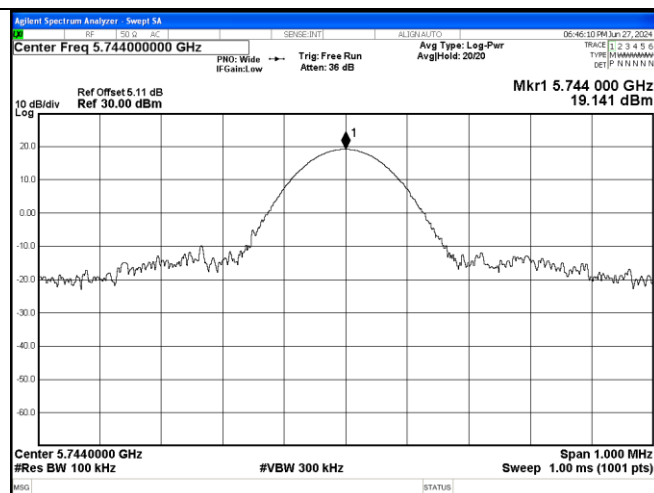
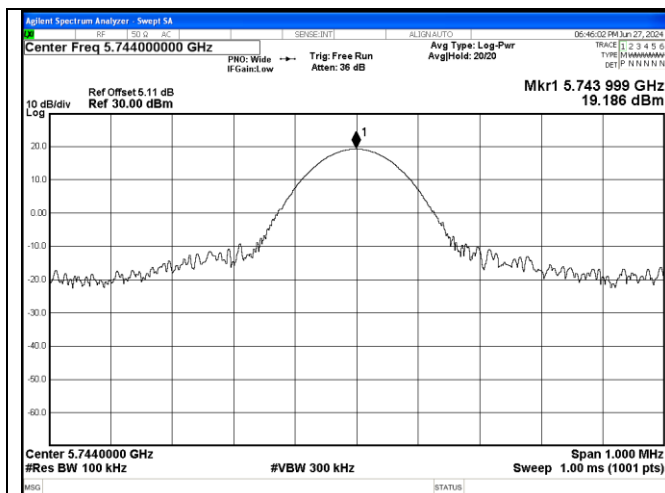


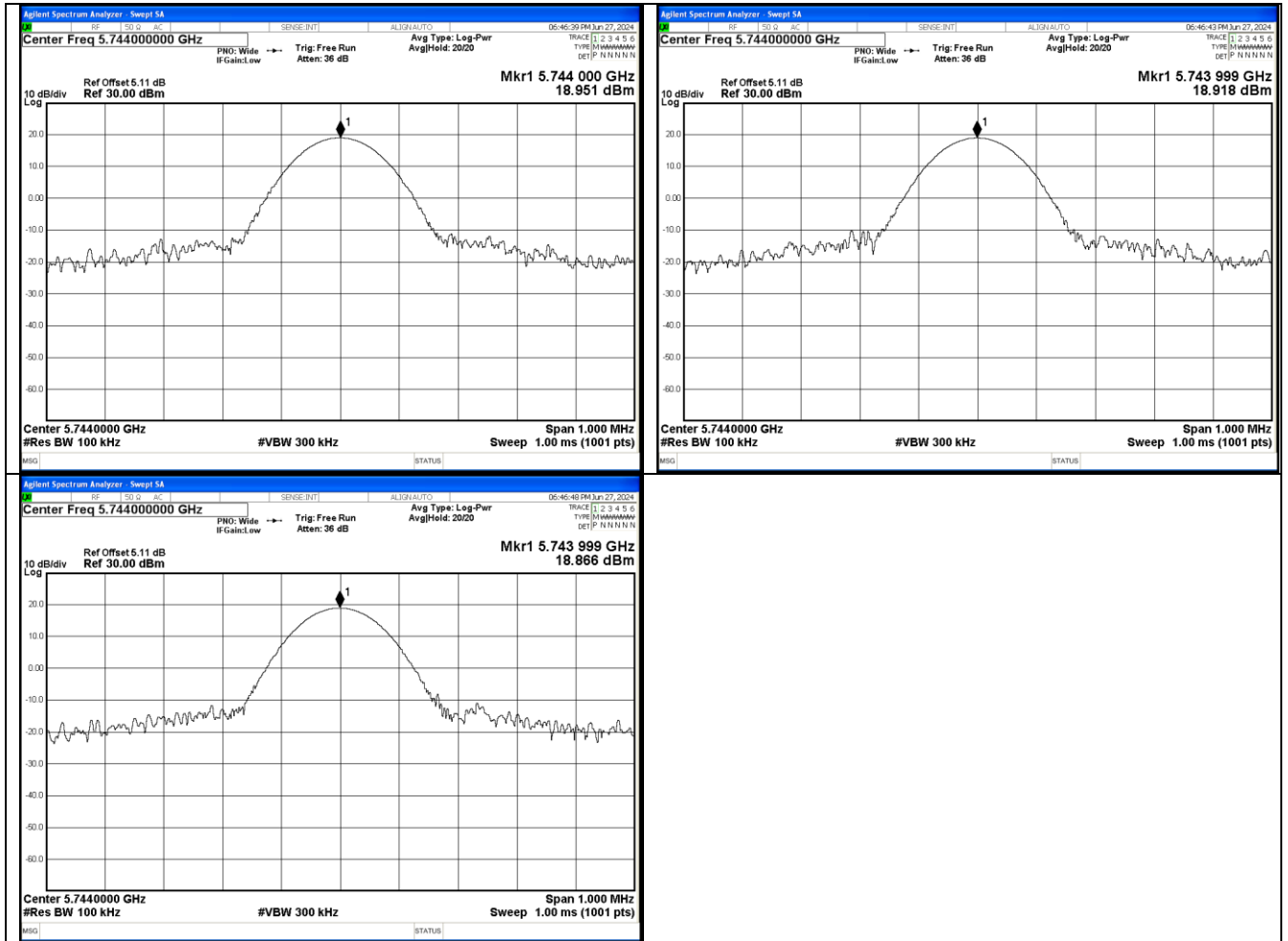
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5240	14.4Vdc	-20	5239.9995	0.1	25	Pass
		0	5239.9995	0.1	25	Pass
		10	5239.9995	0.1	25	Pass
		20	5239.999	0.19	25	Pass
		30	5239.9995	0.1	25	Pass
		40	5239.9995	0.1	25	Pass
		50	5240	0	25	Pass
	12Vdc	25	5239.9985	0.29	25	Pass
	17Vdc	25	5239.9995	0.1	25	Pass



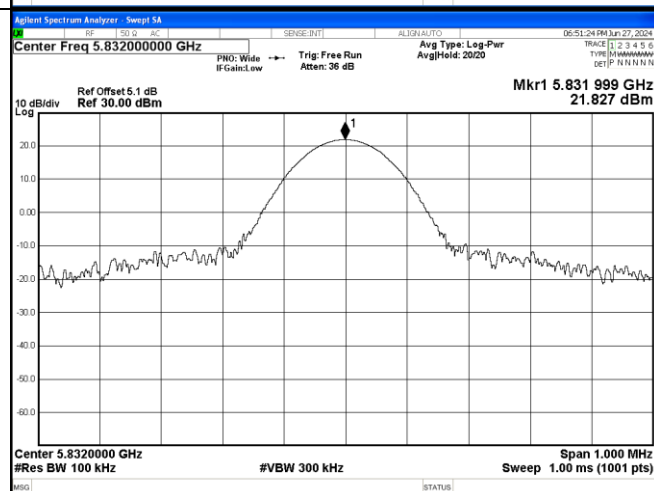
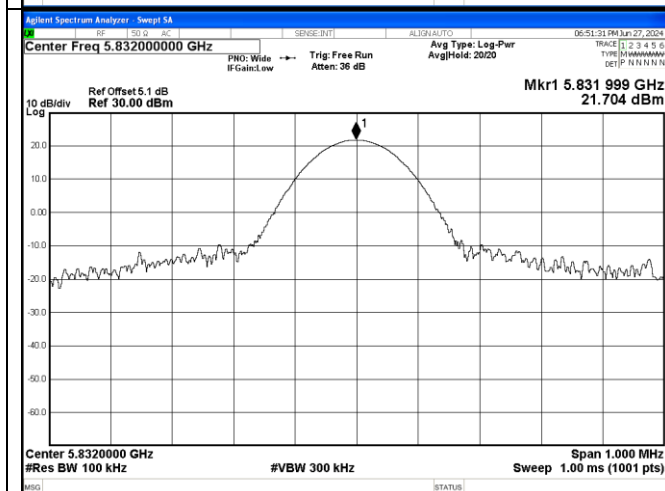
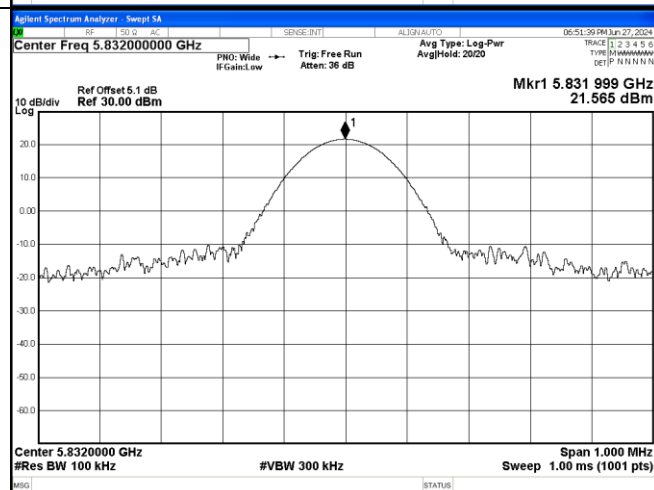
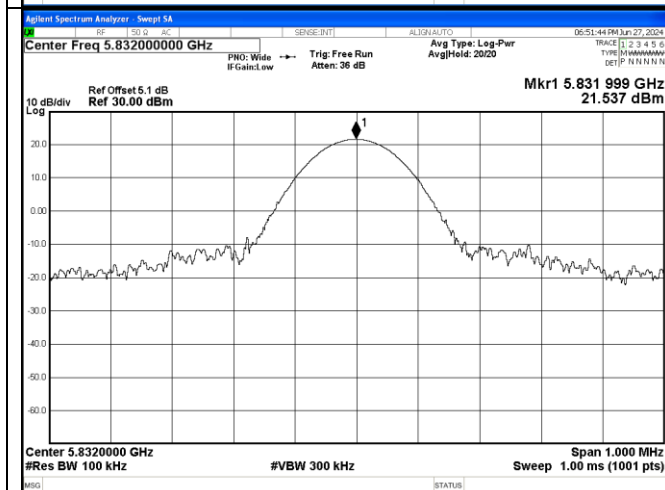
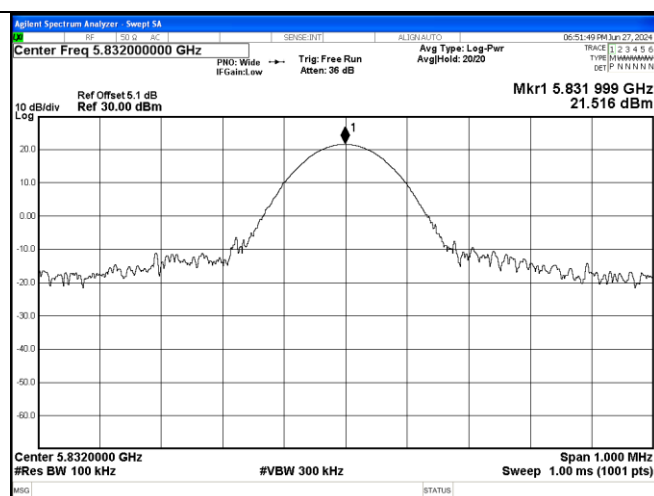
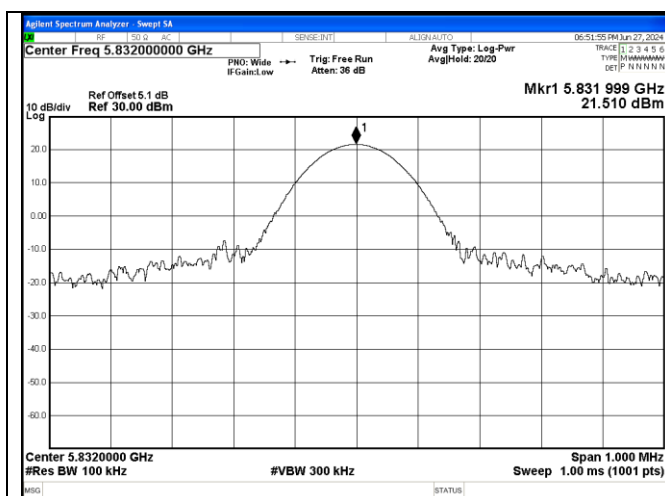


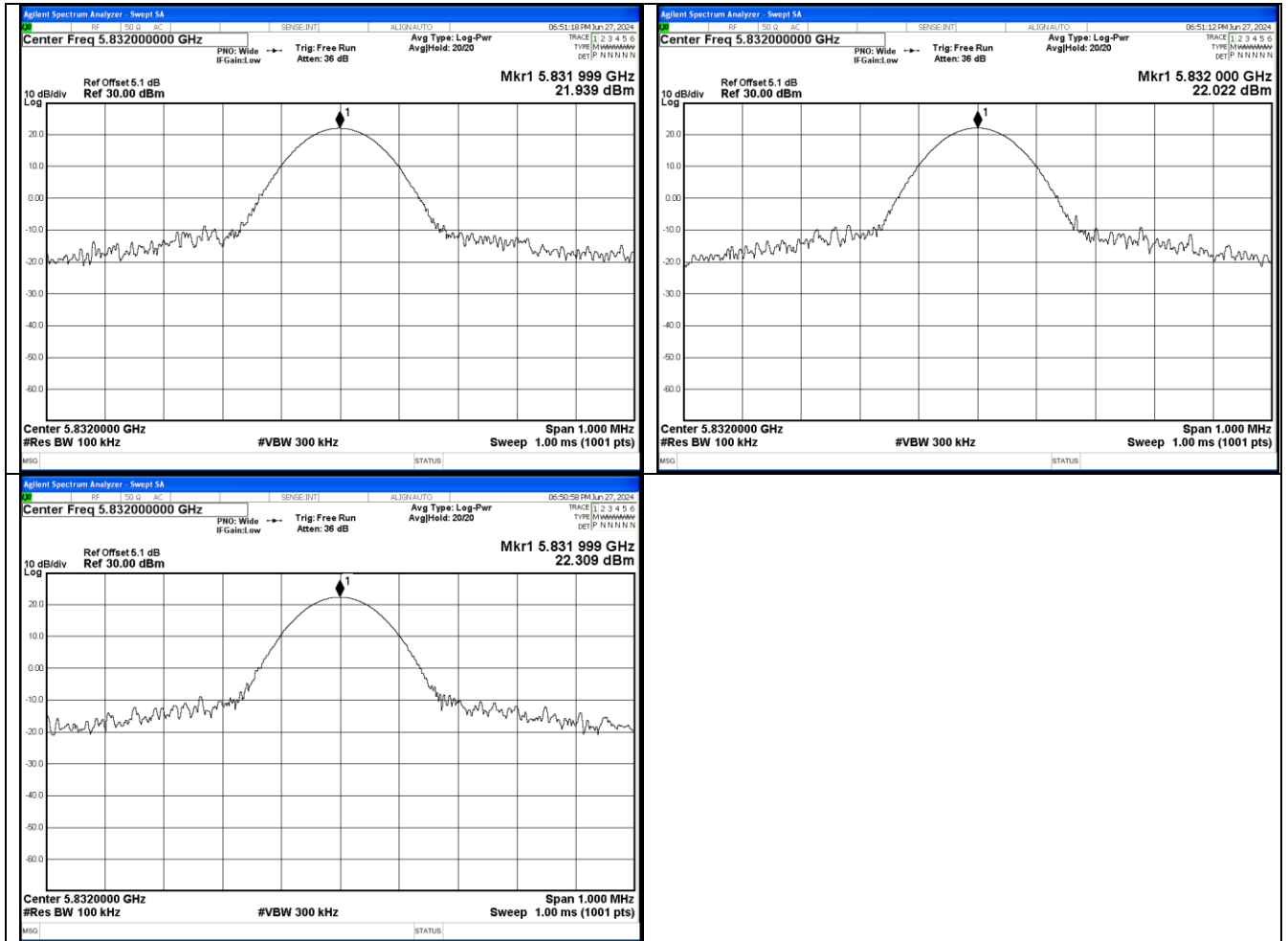
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5744	14.4Vdc	-20	5743.999	0.17	25	Pass
		0	5743.9995	0.09	25	Pass
		10	5743.9995	0.09	25	Pass
		20	5743.9995	0.09	25	Pass
		30	5743.9995	0.09	25	Pass
		40	5743.9995	0.09	25	Pass
		50	5744	0	25	Pass
	12Vdc	25	5743.999	0.17	25	Pass
	17Vdc	25	5743.999	0.17	25	Pass





Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5832	14.4Vdc	-20	5831.999	0.17	25	Pass
		0	5831.999	0.17	25	Pass
		10	5831.9985	0.26	25	Pass
		20	5831.999	0.17	25	Pass
		30	5831.999	0.17	25	Pass
		40	5831.999	0.17	25	Pass
		50	5831.999	0.17	25	Pass
	12Vdc	25	5831.9995	0.09	25	Pass
	17Vdc	25	5831.999	0.17	25	Pass





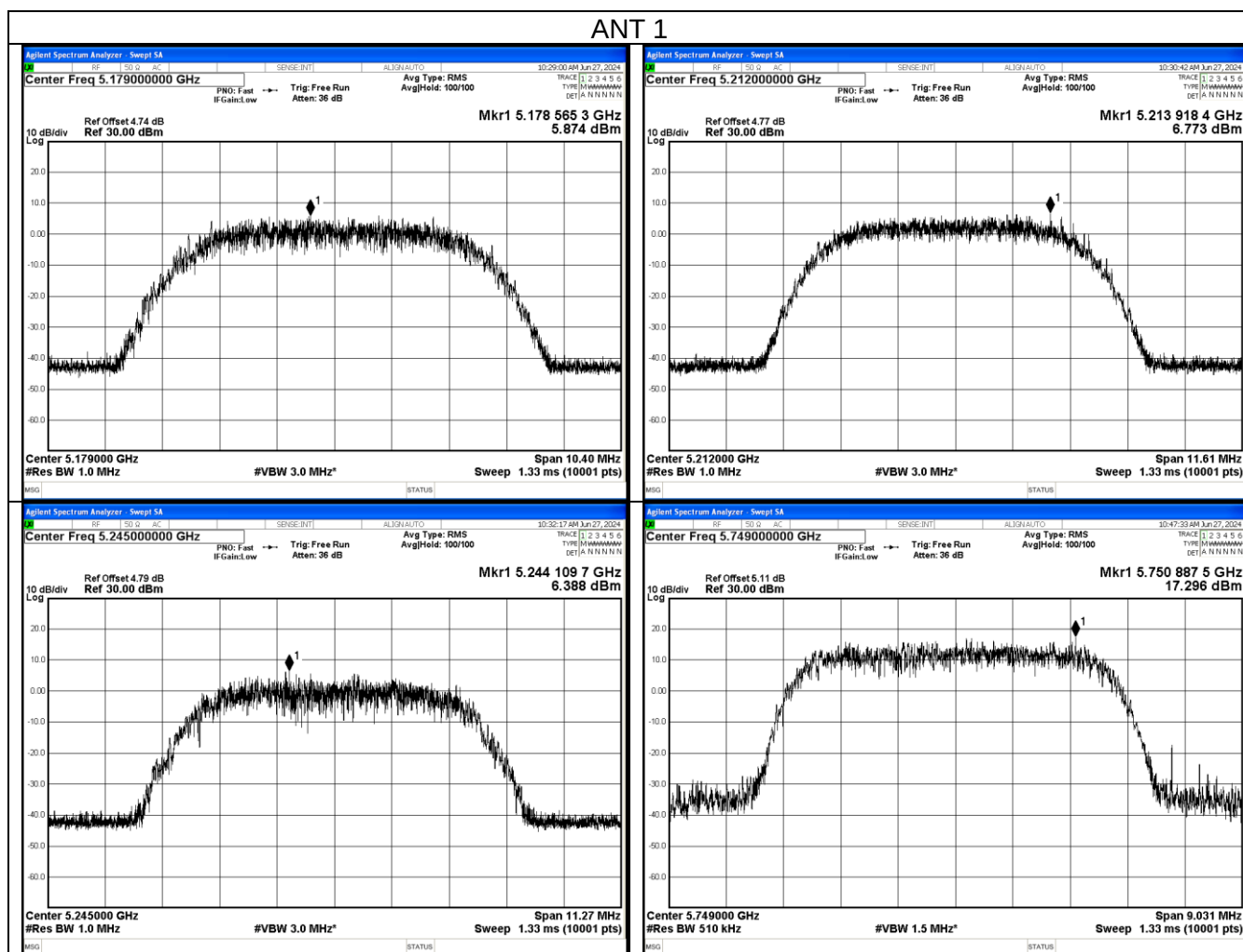
Appendix A.4 Test Results of Conducted Power Spectral Density

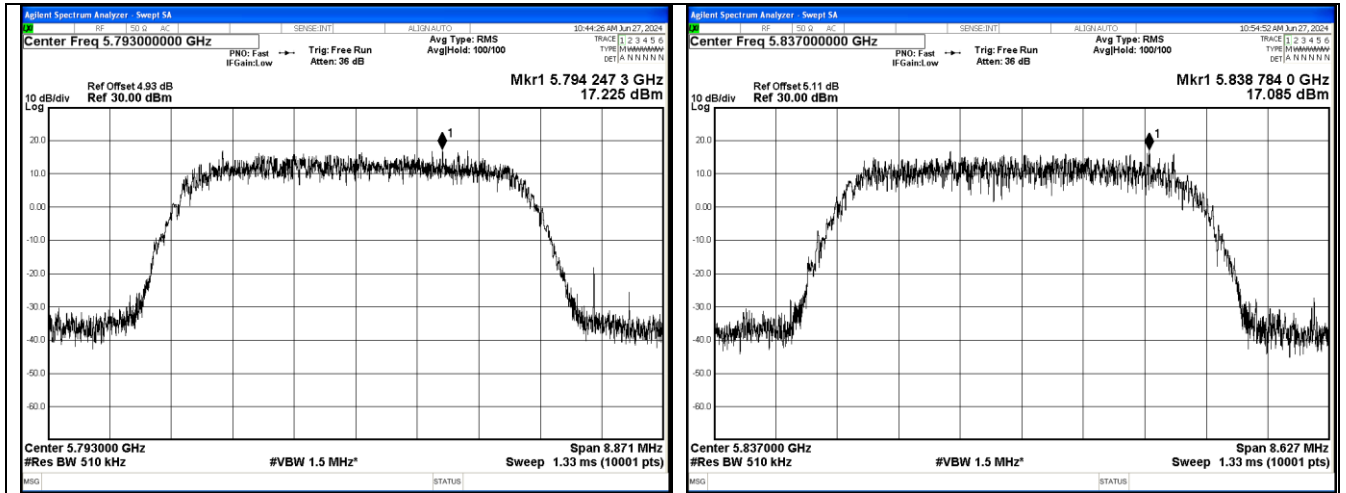
5MHz Bandwidth:						
CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
0	5179	5.874	/	/	17	Pass
3	5212	6.773	/	/	17	Pass
6	5245	6.388	/	/	17	Pass

Note:

1) Antenna gain(G): 0.21dBi(ant1) for 5174MHz to 5245MHz; 1.36dBi(ant1) for 5744MHz to 5837MHz.

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
7	5749	17.296	/	/	30	Pass
11	5793	17.225	/	/	30	Pass
15	5837	17.085	/	/	30	Pass



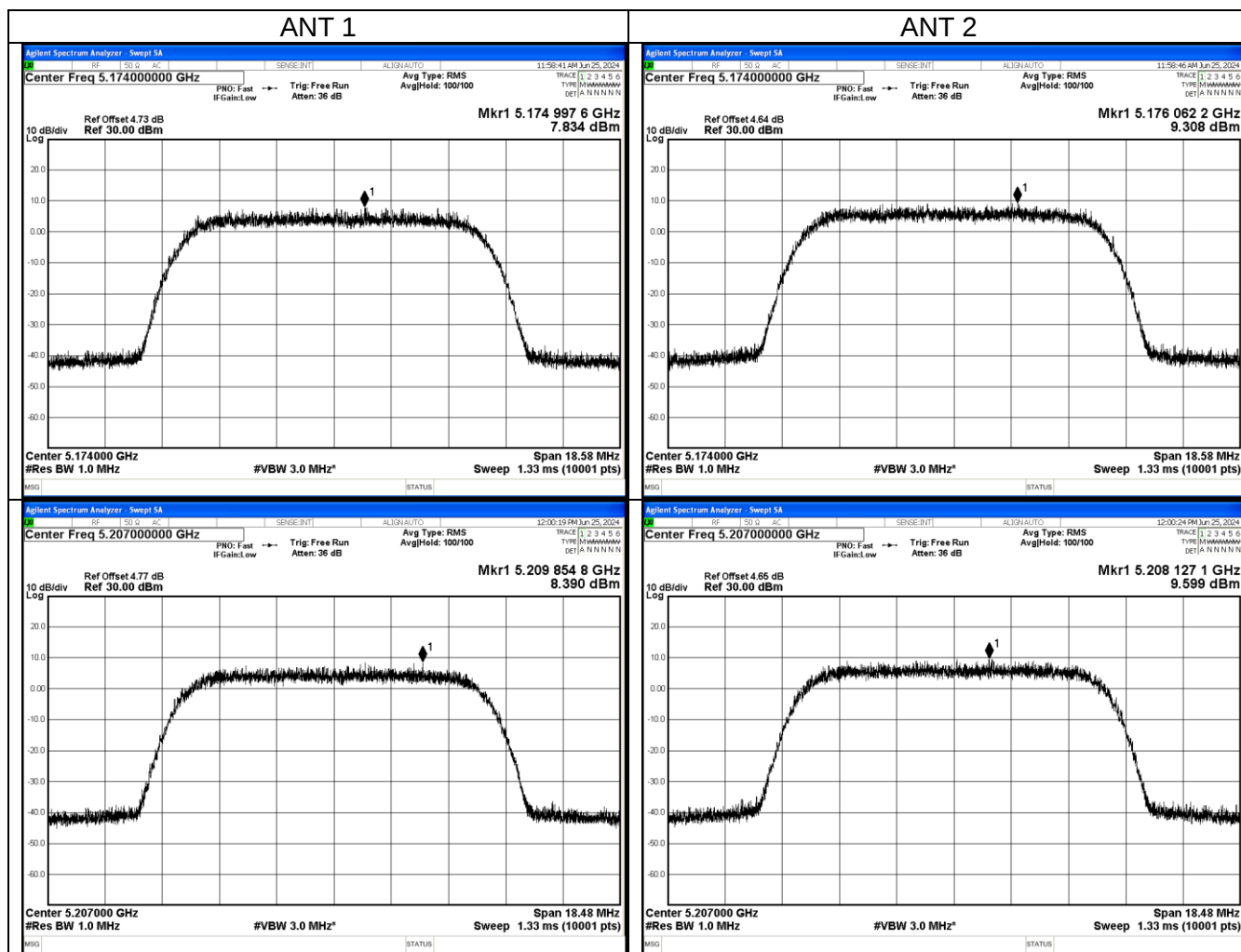


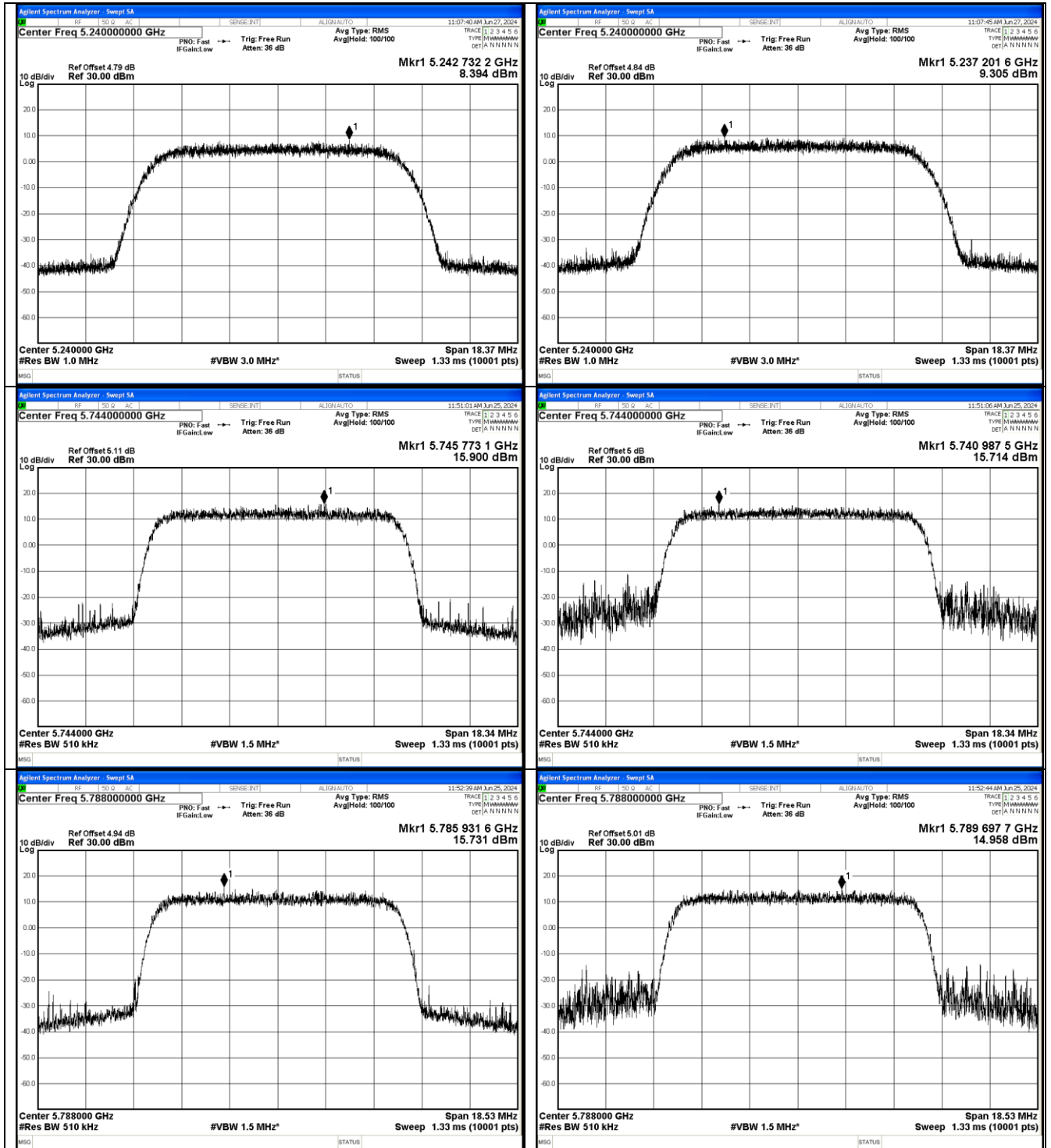
10MHz Bandwidth:						
CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
0	5174	7.834	9.308	/	17	Pass
3	5207	8.39	9.599	/	17	Pass
6	5240	8.394	9.305	/	17	Pass

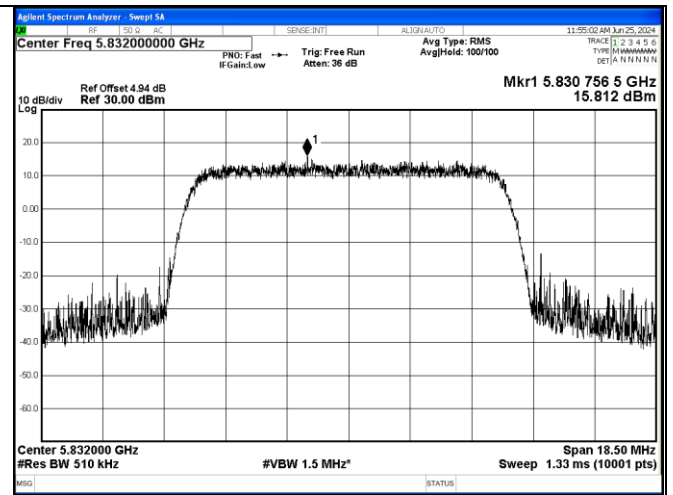
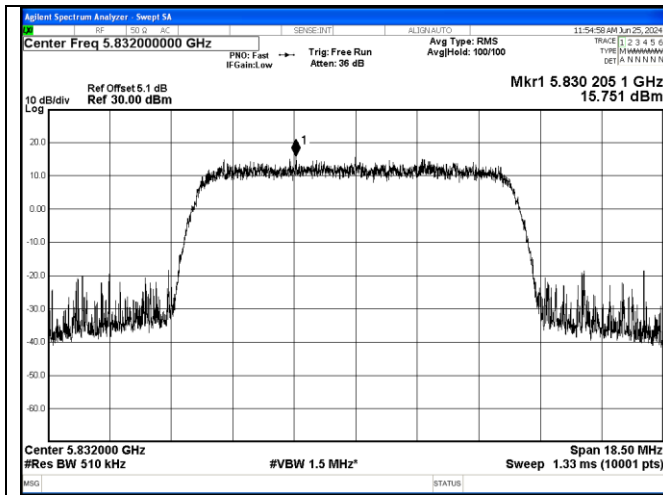
Note:

1) Antenna gain(G): 0.21dBi(ant1), 0.62dBi(ant2) for 5174MHz to 5245MHz; 1.36dBi(ant1), 3.35dBi(ant2) for 5744MHz to 5837MHz.

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
7	5744	15.9	15.714	/	30	Pass
11	5788	15.731	14.958	/	30	Pass
15	5832	15.751	15.812	/	30	Pass





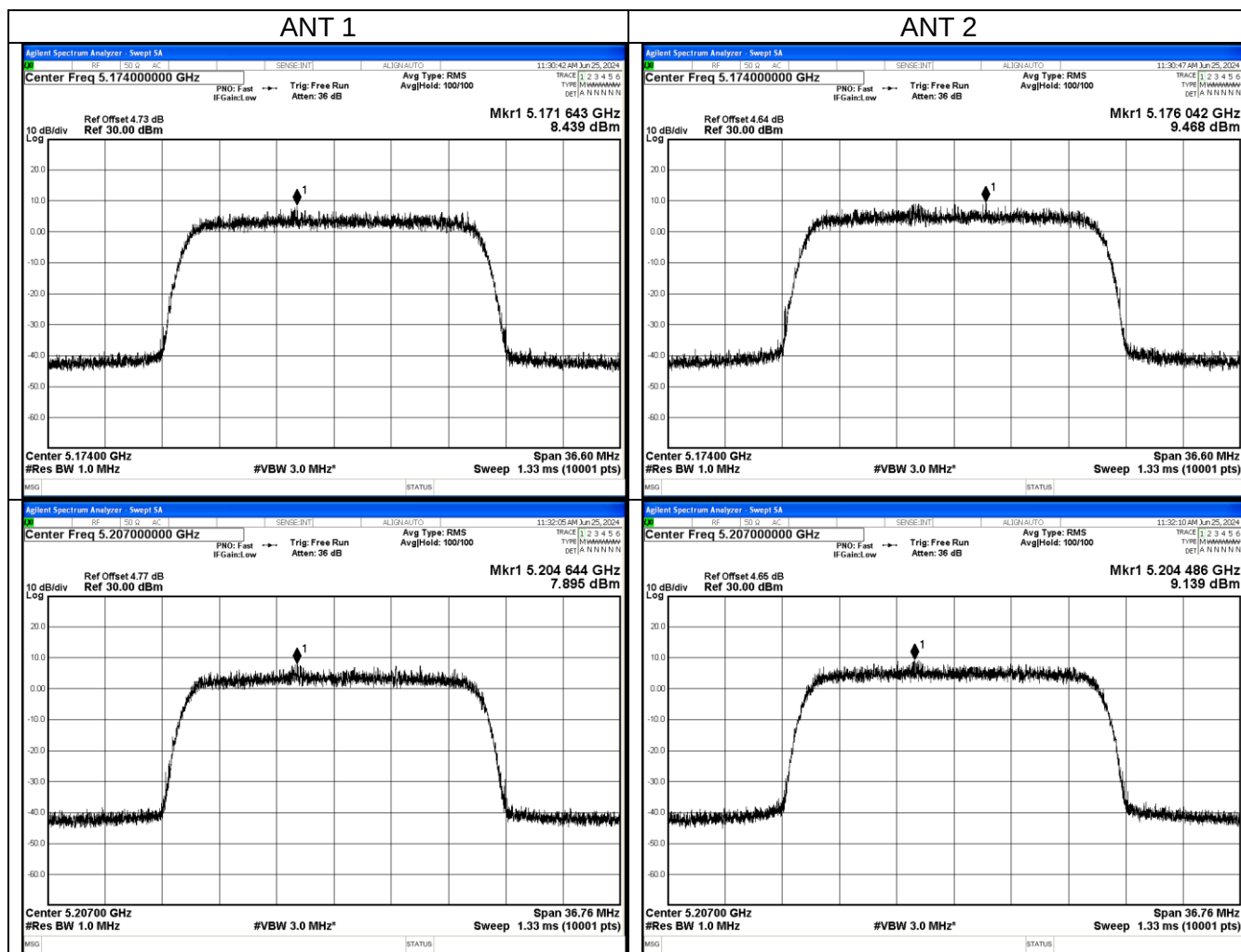


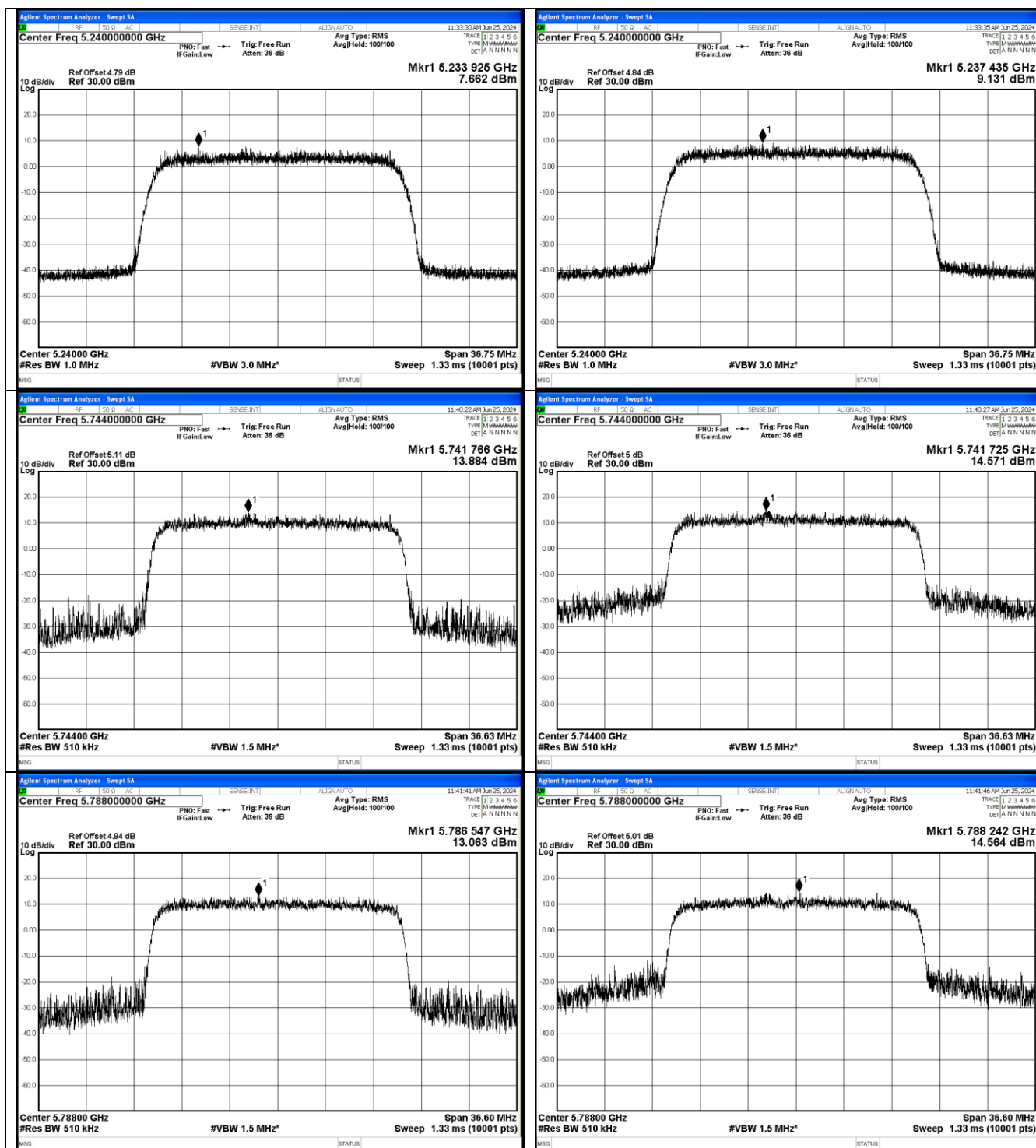
20MHz Bandwidth:						
CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
0	5174	8.439	9.468	/	17	Pass
3	5207	7.895	9.139	/	17	Pass
6	5240	7.662	9.131	/	17	Pass

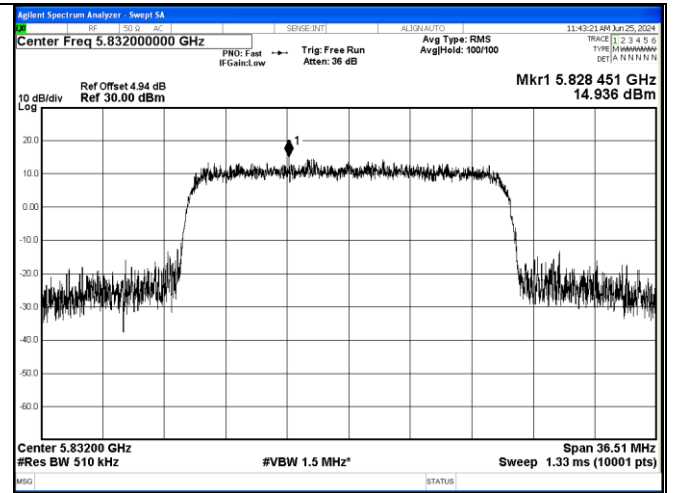
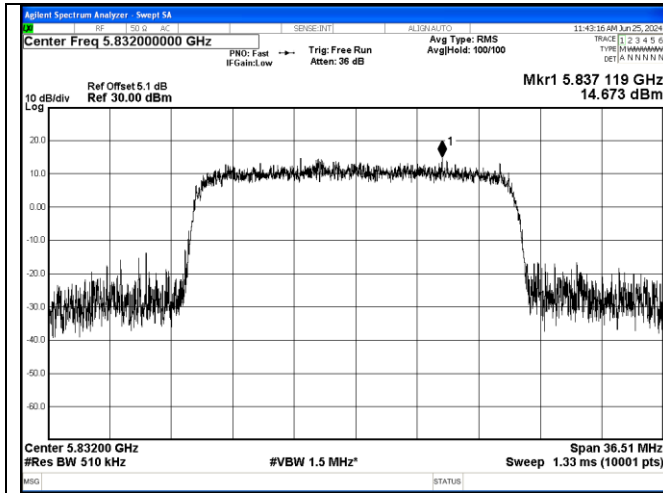
Note:

1) Antenna gain(G): 0.21dBi(ant1), 0.62dBi(ant2) for 5174MHz to 5245MHz; 1.36dBi(ant1), 3.35dBi(ant2) for 5744MHz to 5837MHz.

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
7	5744	13.884	14.571	/	30	Pass
11	5788	13.063	14.564	/	30	Pass
15	5832	14.673	14.936	/	30	Pass





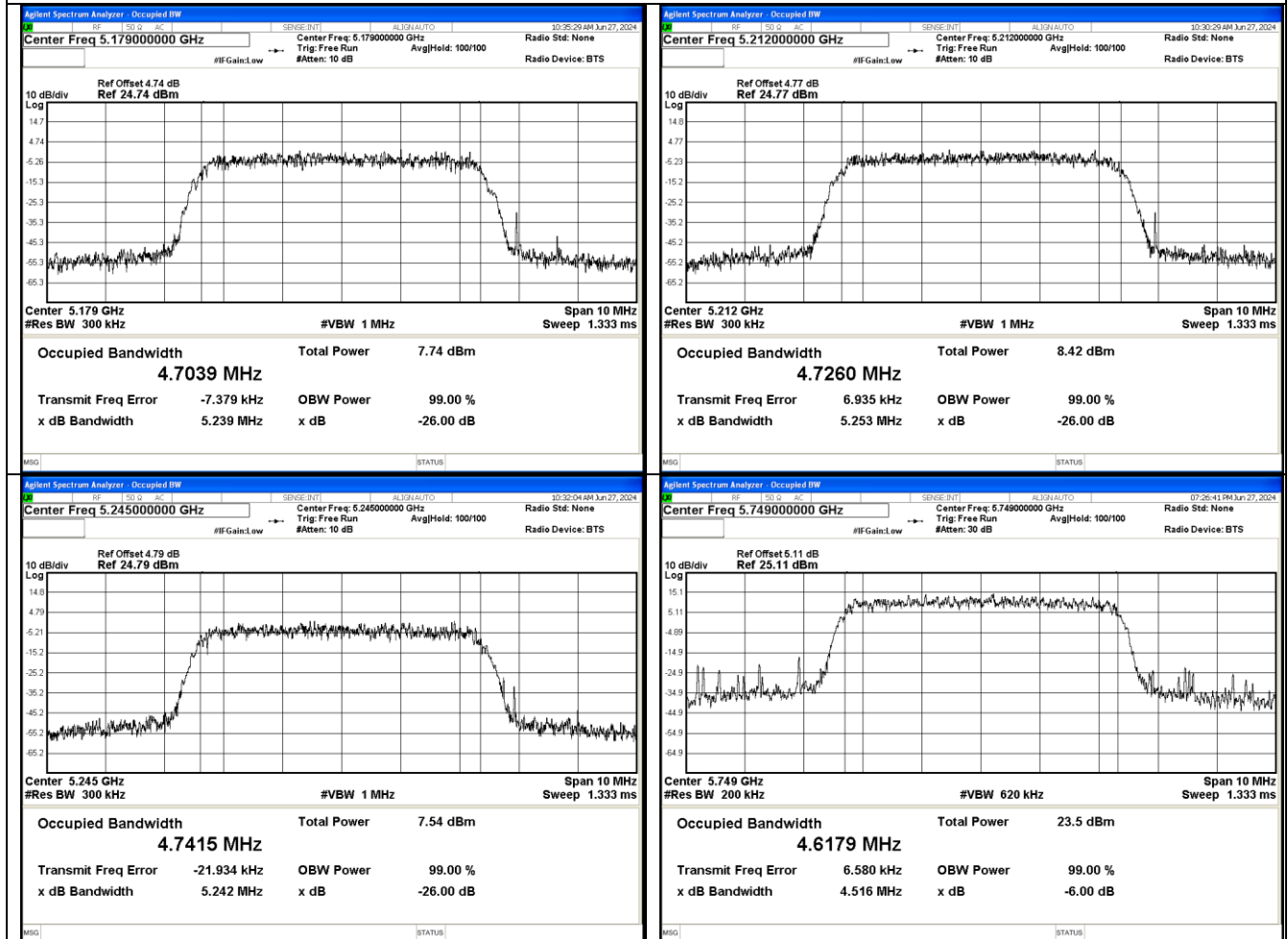


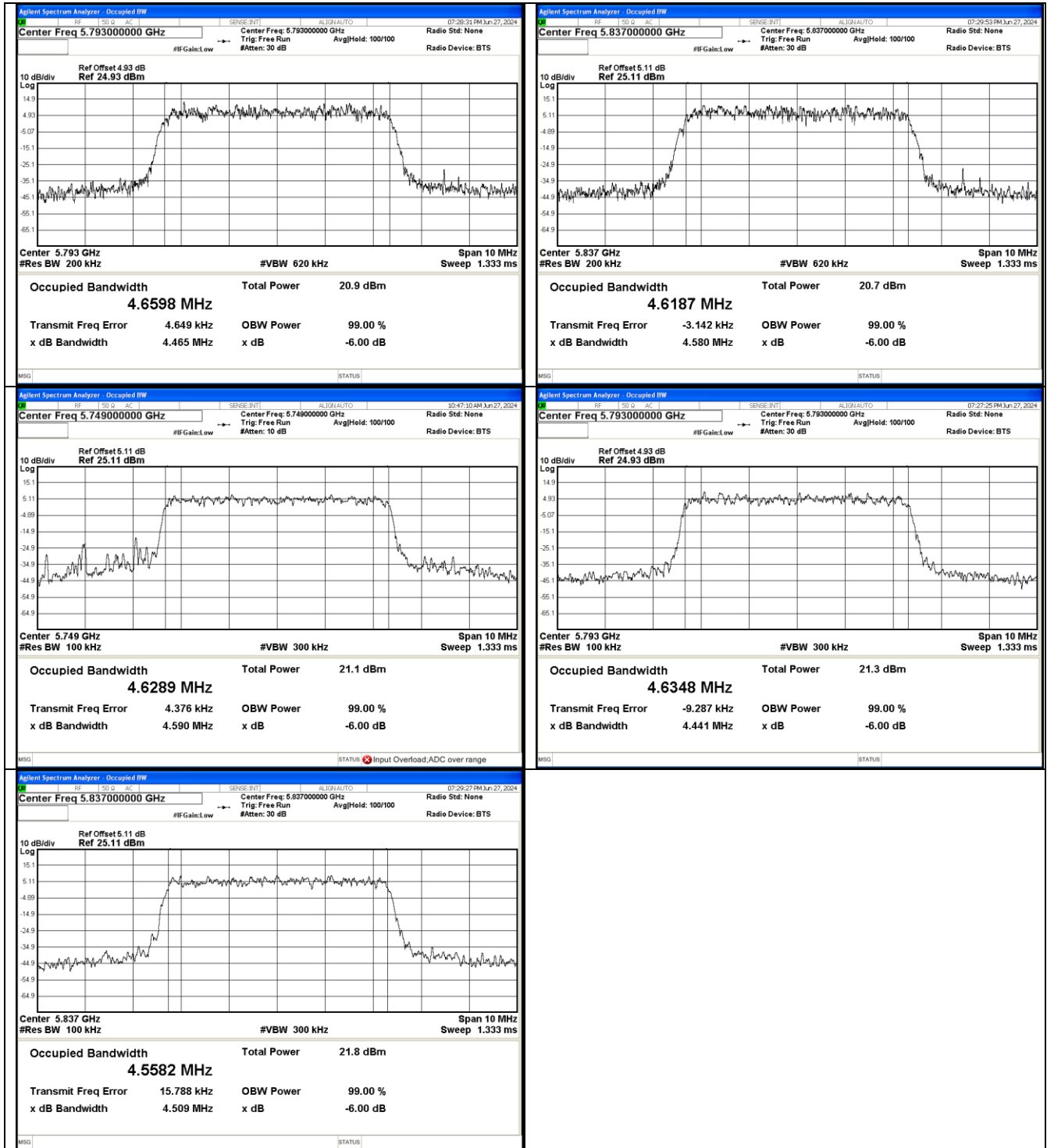
Appendix A.5 Test Results of 6dB & 26dB & 99% BANDWIDTH

5MHz Bandwidth mode:					
Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
0	5179	4.7039	5.239	/	/
3	5212	4.726	5.253	/	/
6	5245	4.7415	5.242	/	/

Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)
7	5749	4.6179	4.590	/	/
11	5793	4.6598	4.441	/	/
15	5837	4.6187	4.509	/	/

ANT 1





10MHz Bandwidth mode:					
Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
0	5174	9.3078	9.960	9.2891	9.914
3	5207	9.2648	9.967	9.2388	9.915
6	5240	9.2991	9.948	9.2358	9.962

Channel	Frequency (MHz)	ANT1 Emission Bandwidth		ANT2 Emission Bandwidth	
		99% Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth (MHz)
7	5744	9.3425	9.089	9.2217	9.067
11	5788	9.2843	9.128	9.2963	9.071
15	5832	9.2999	9.007	9.2574	8.850

