

Appendix: 5.8G

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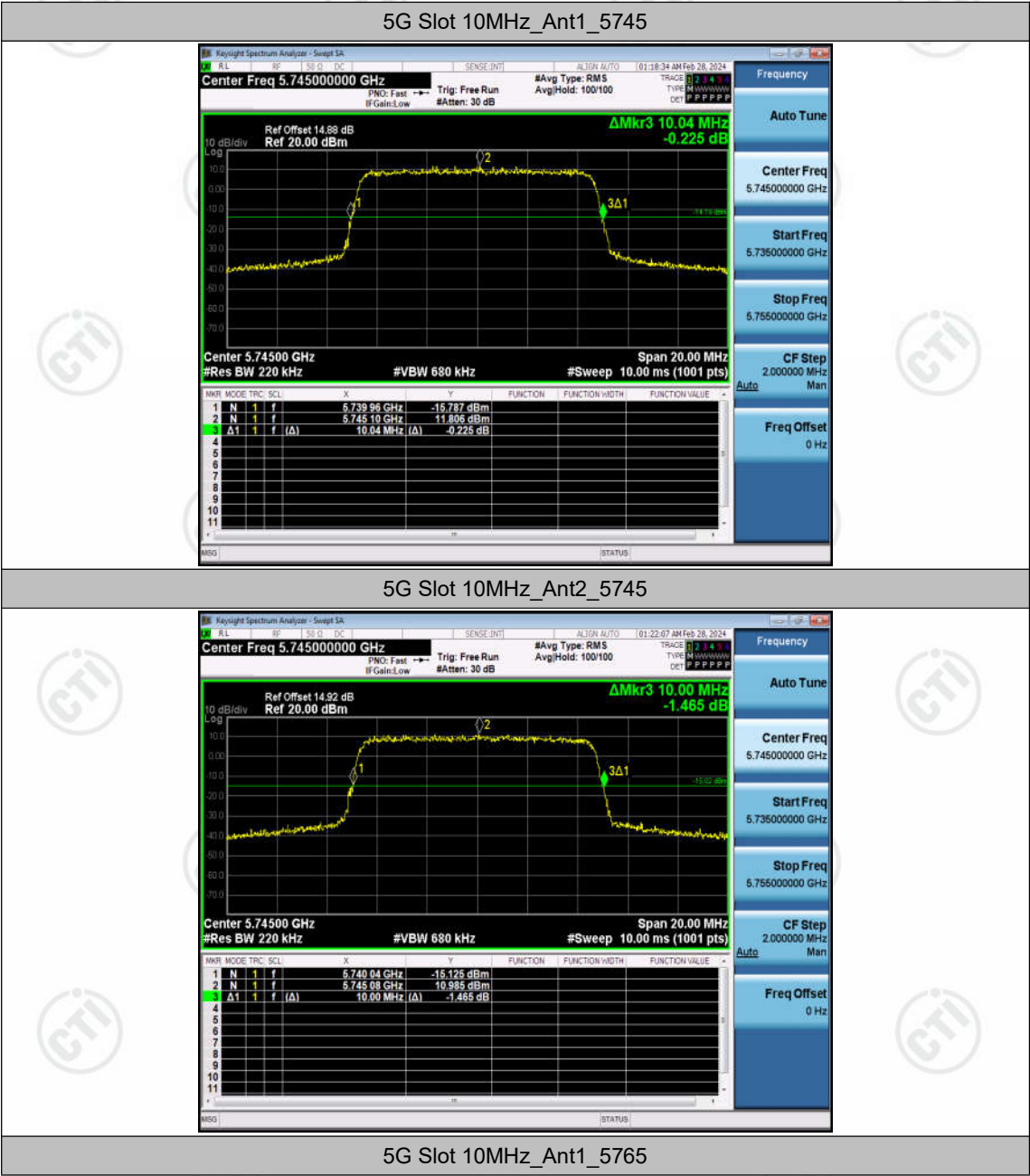
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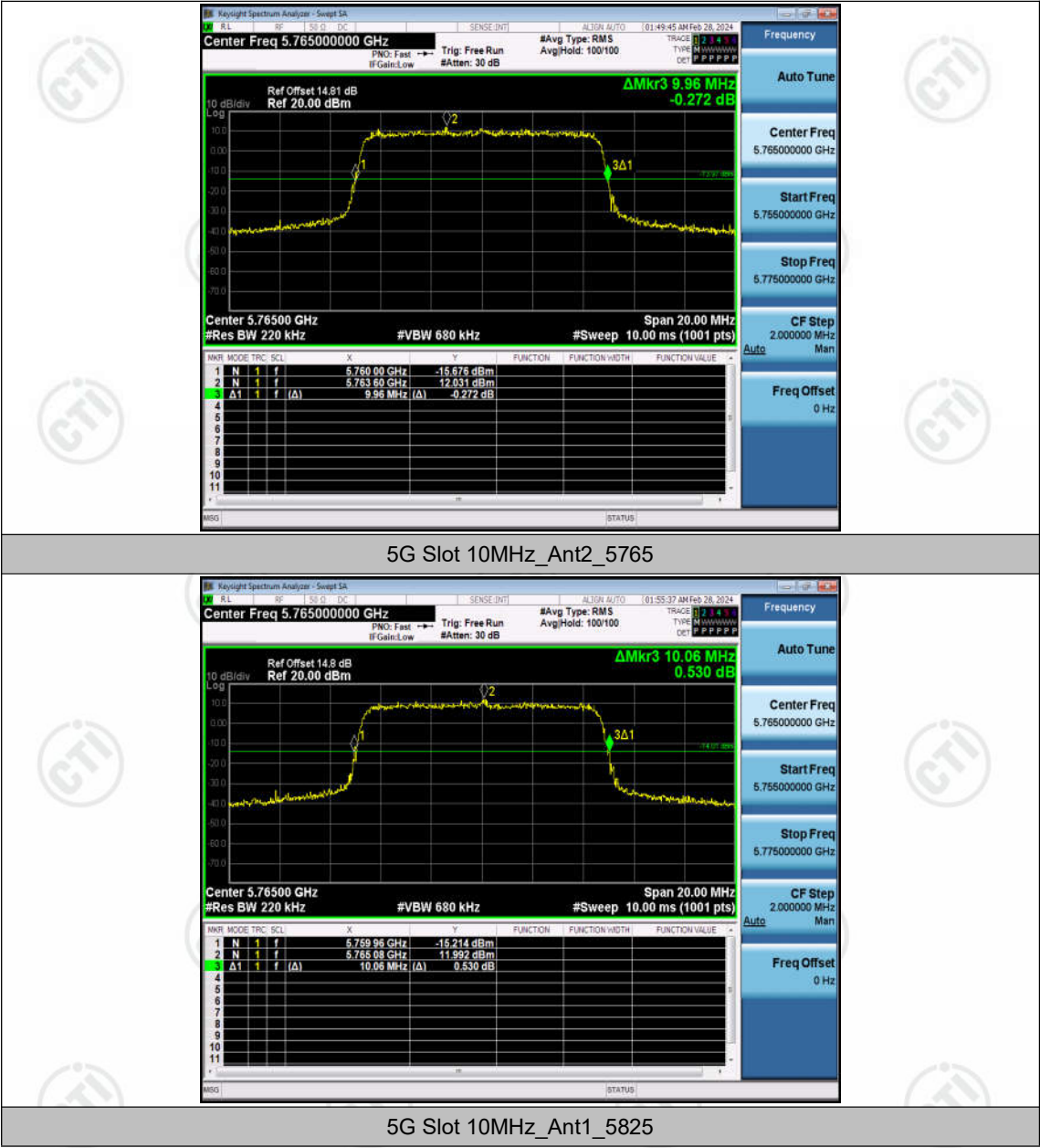
Appendix A: Emission Bandwidth

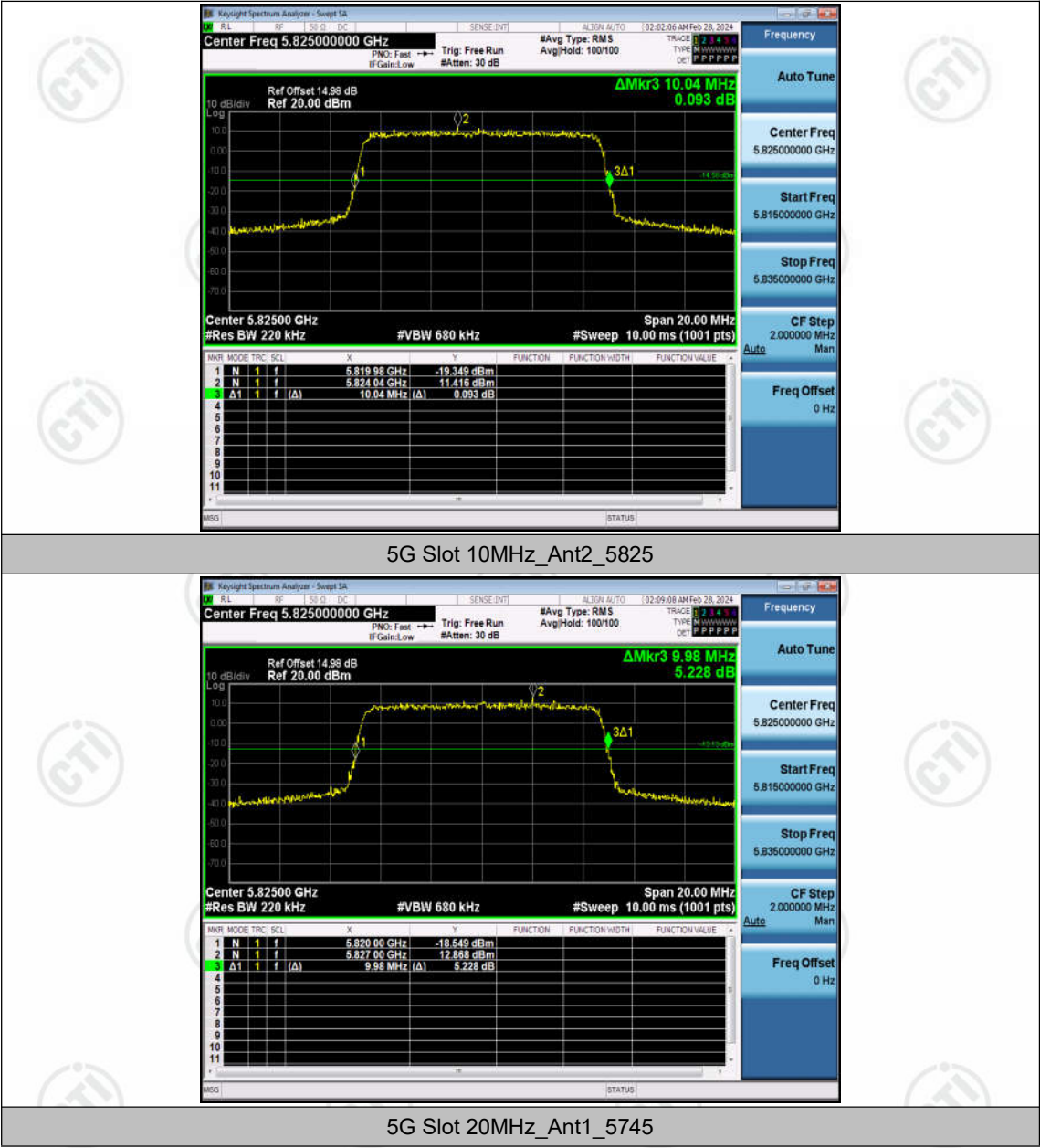
Test Result

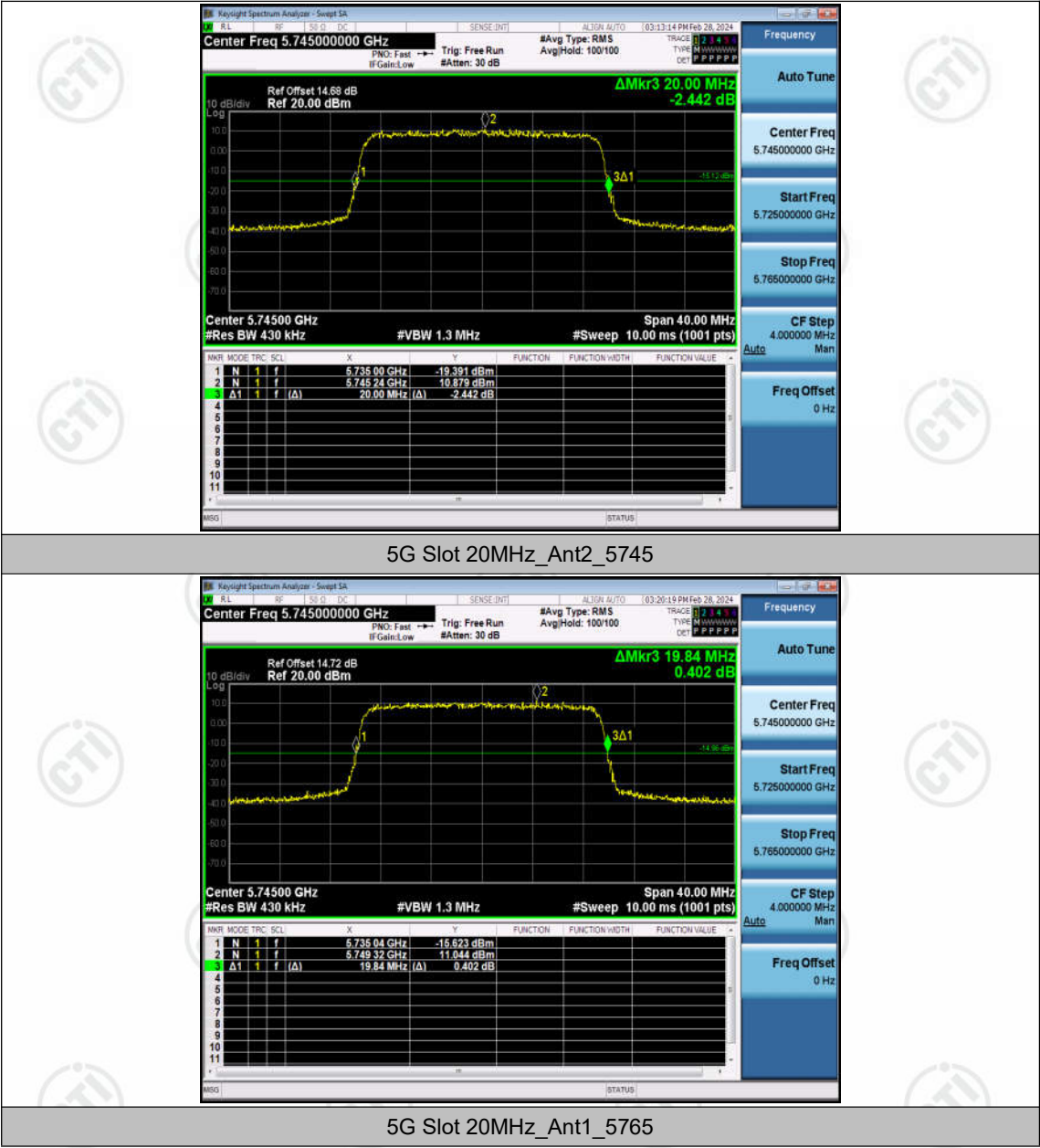
Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
5G Slot 10MHz	Ant1	5745	10.040	5739.960	5750.000
	Ant2	5745	10.000	5740.040	5750.040
	Ant1	5765	9.960	5760.000	5769.960
	Ant2	5765	10.060	5759.960	5770.020
	Ant1	5825	10.040	5819.980	5830.020
	Ant2	5825	9.980	5820.000	5829.980
5G Slot 20MHz	Ant1	5745	20.000	5735.000	5755.000
	Ant2	5745	19.840	5735.040	5754.880
	Ant1	5765	19.920	5754.960	5774.880
	Ant2	5765	19.880	5755.080	5774.960
	Ant1	5825	19.880	5815.000	5834.880
	Ant2	5825	19.920	5815.040	5834.960
5G Slot 40MHz	Ant1	5755	39.440	5735.240	5774.680
	Ant2	5755	39.520	5735.240	5774.760
	Ant1	5795	39.520	5775.240	5814.760
	Ant2	5795	39.520	5775.160	5814.680

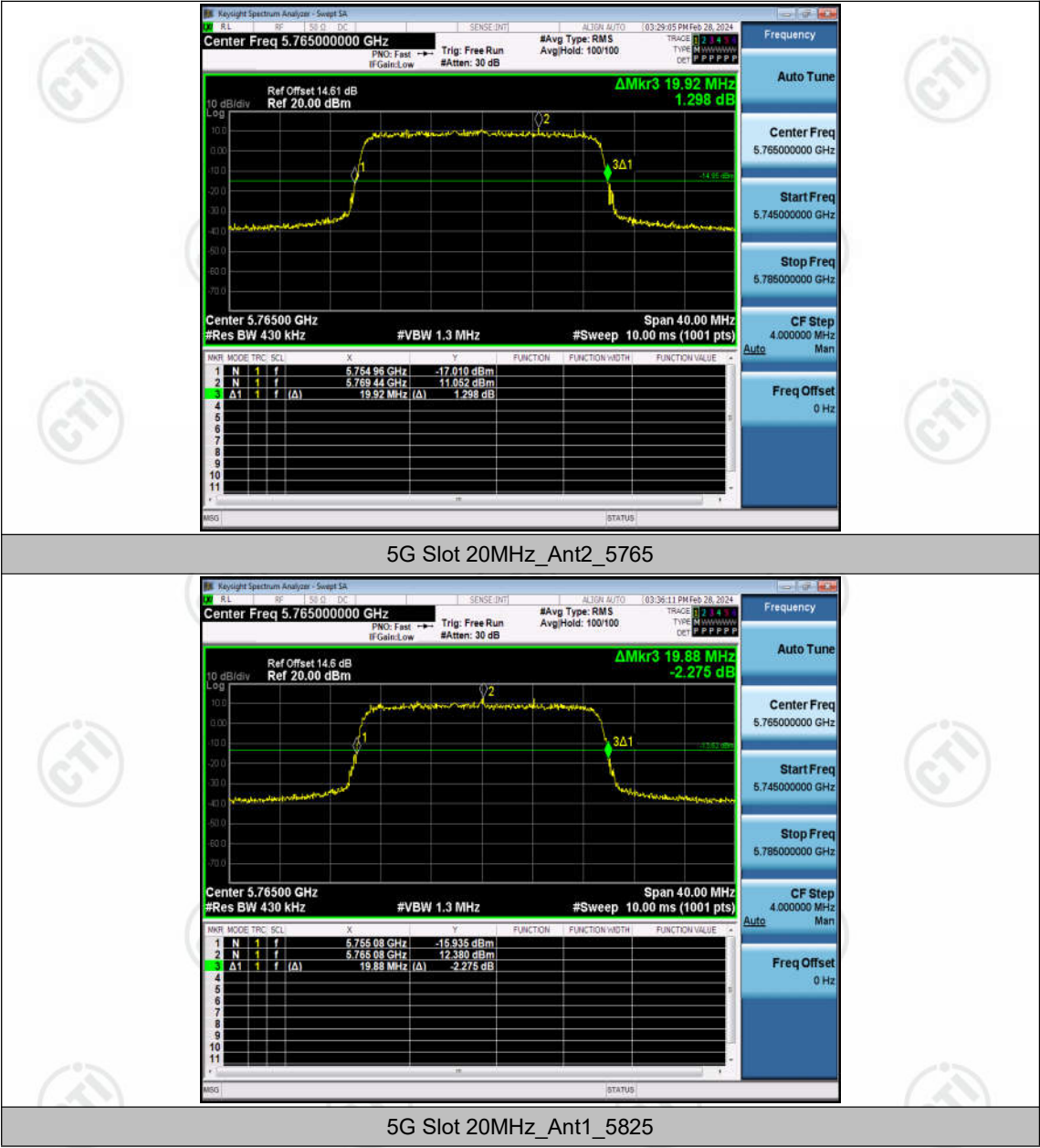
Test Graphs

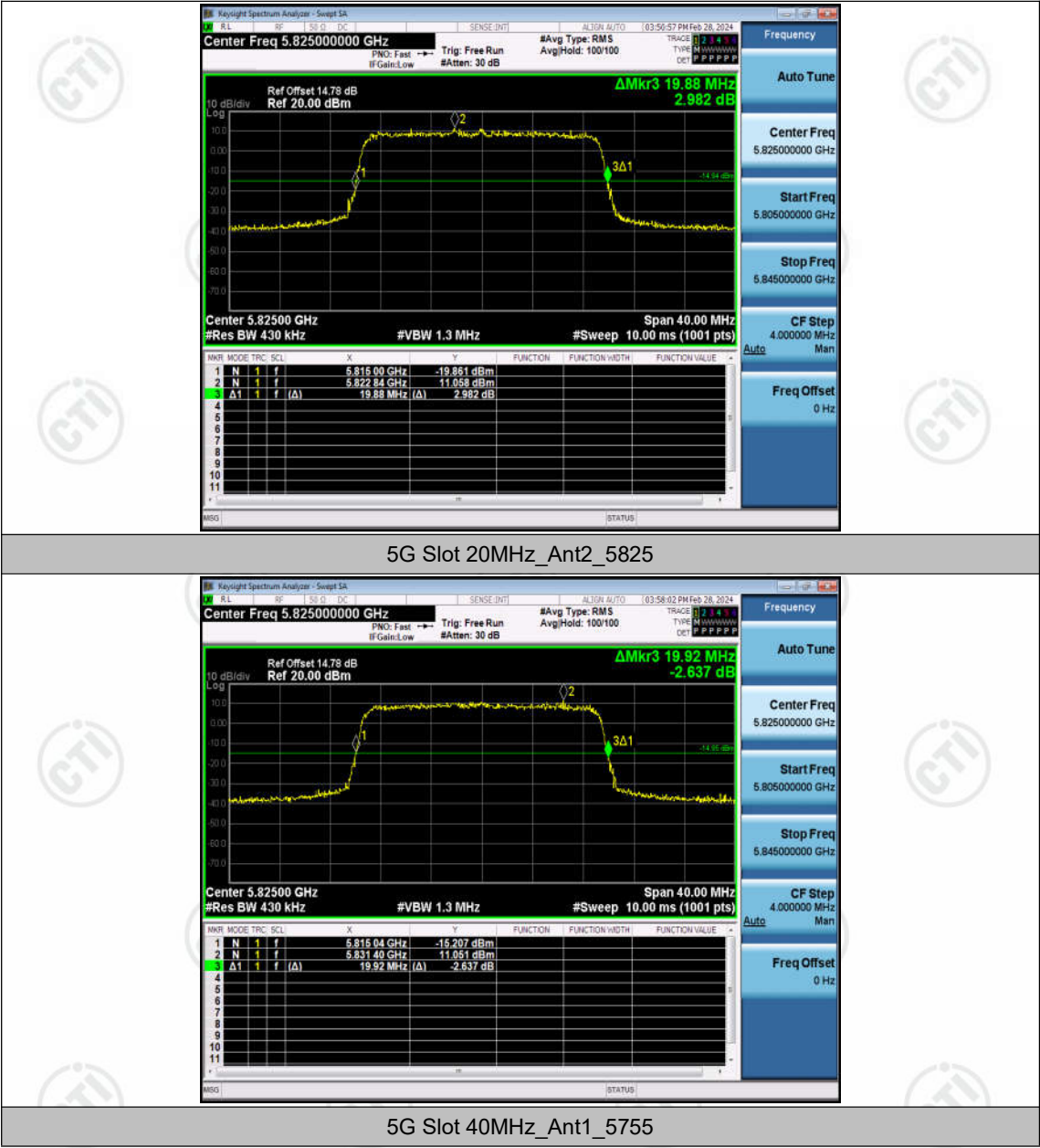


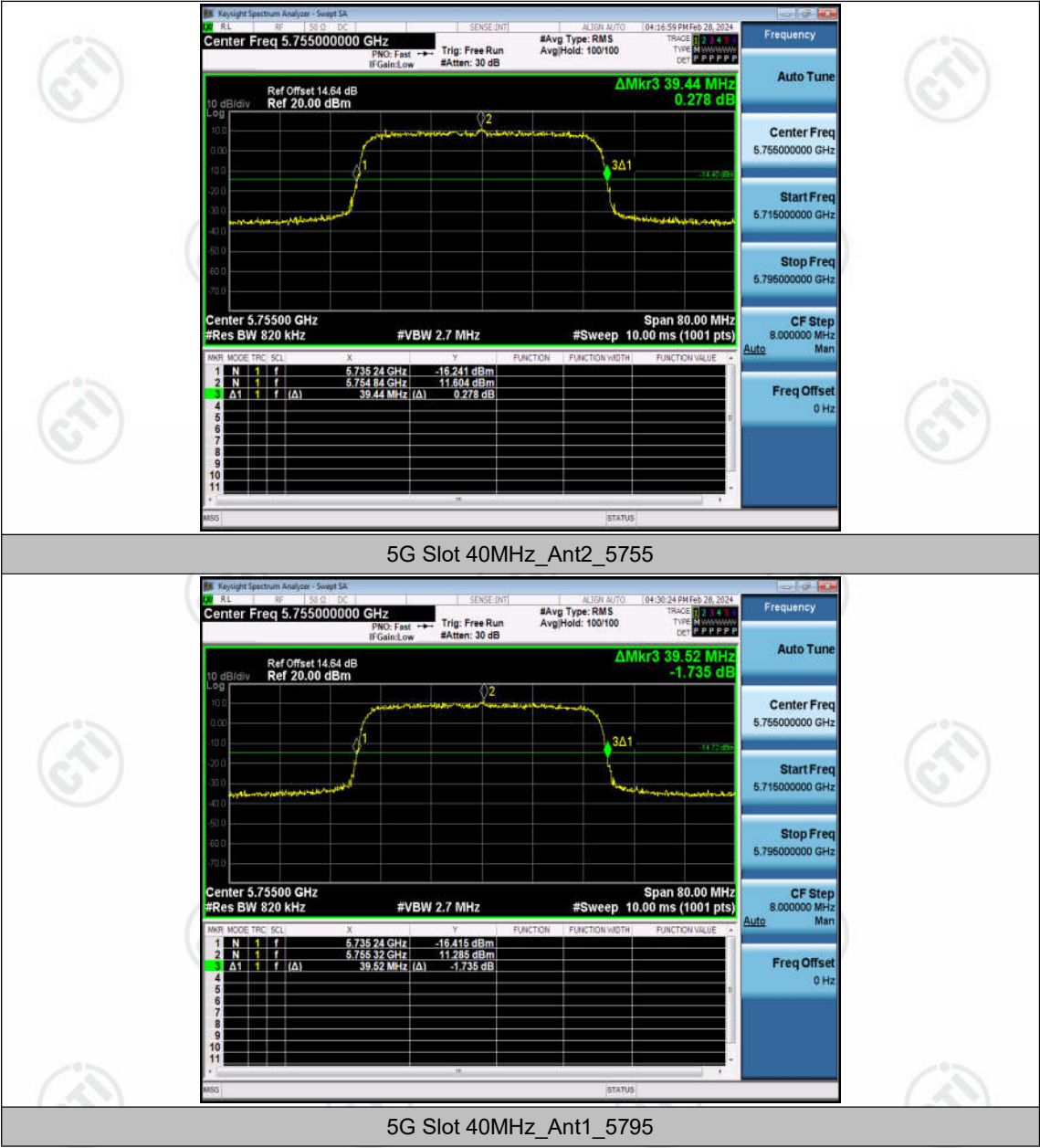


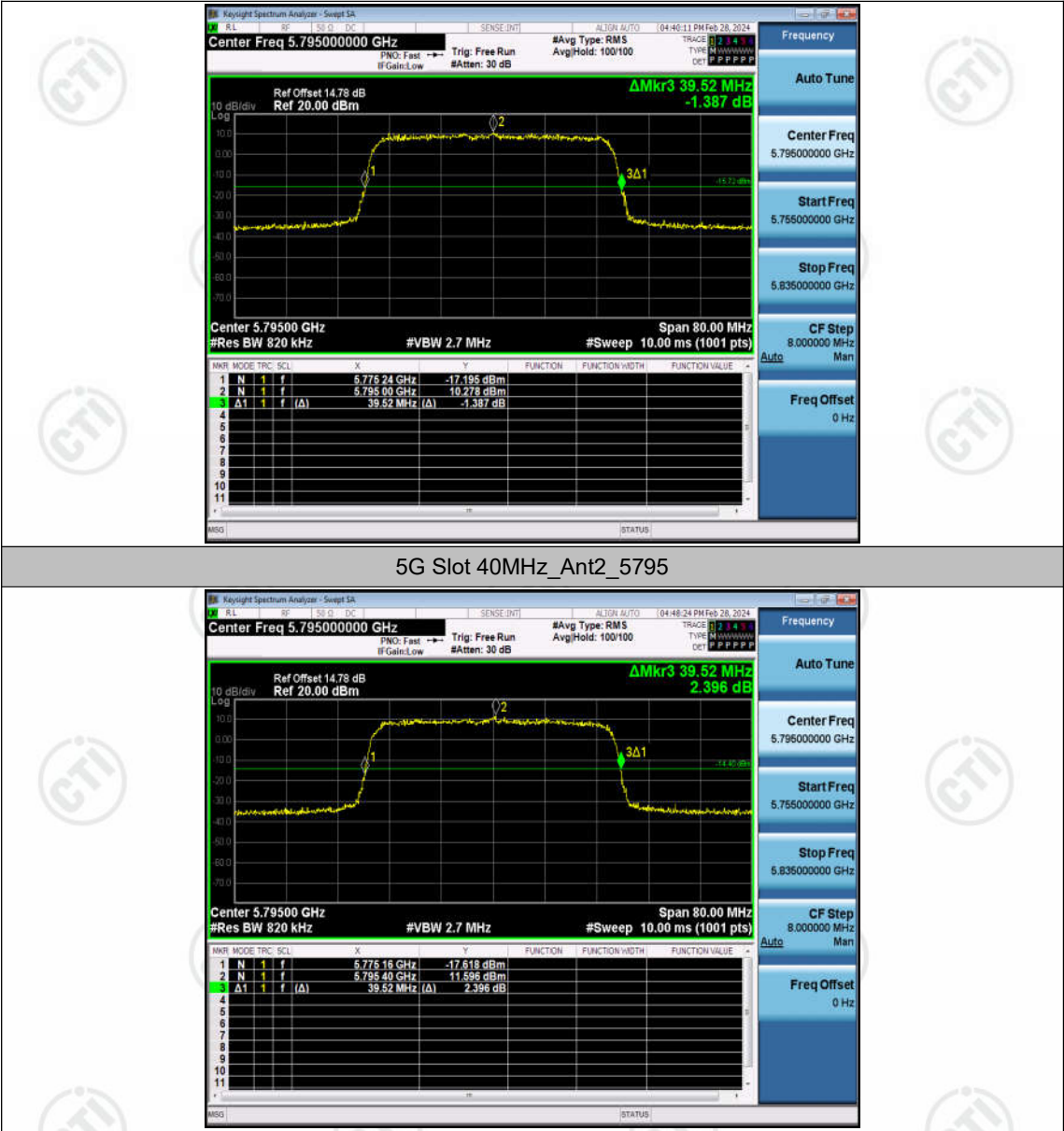










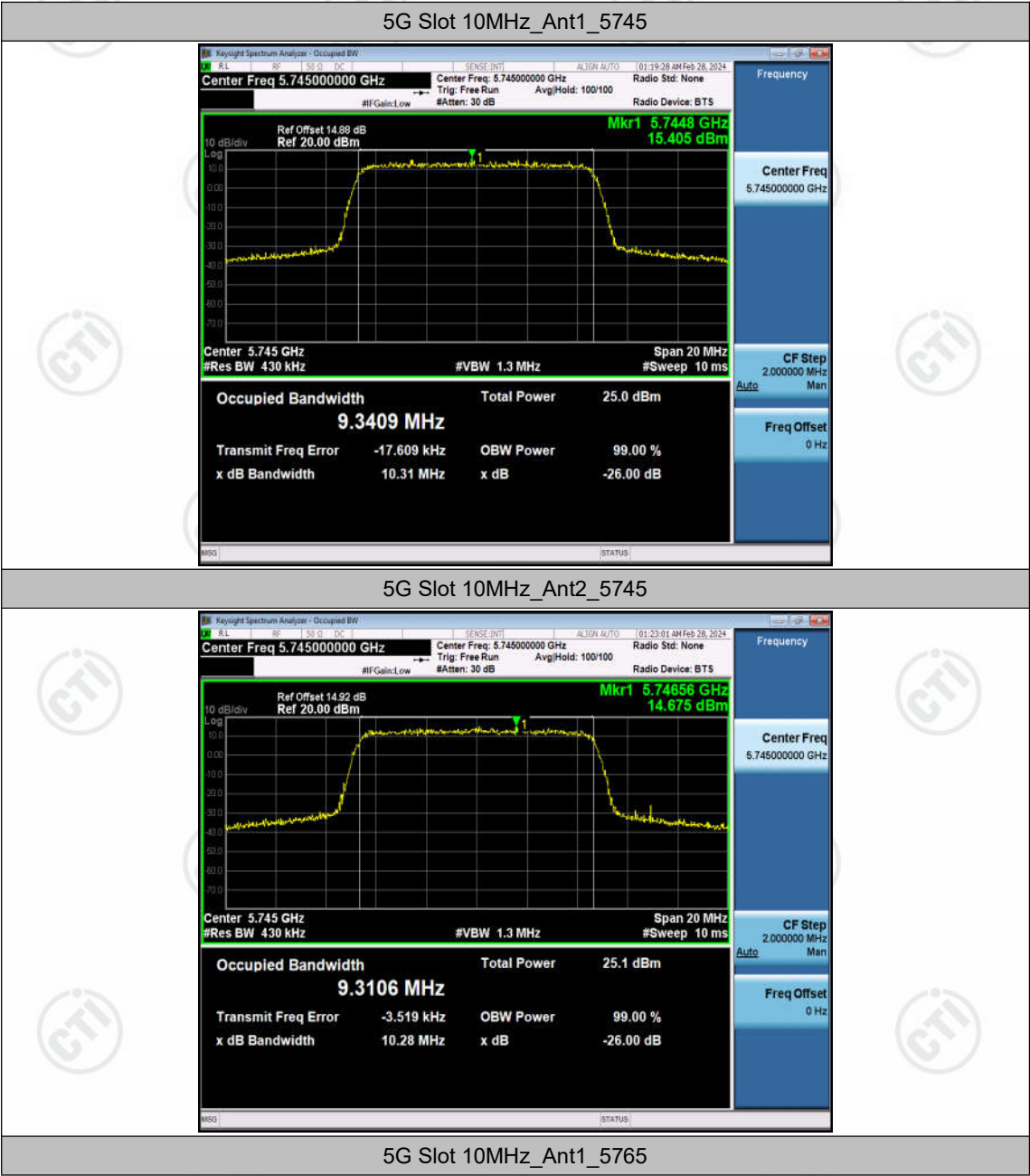


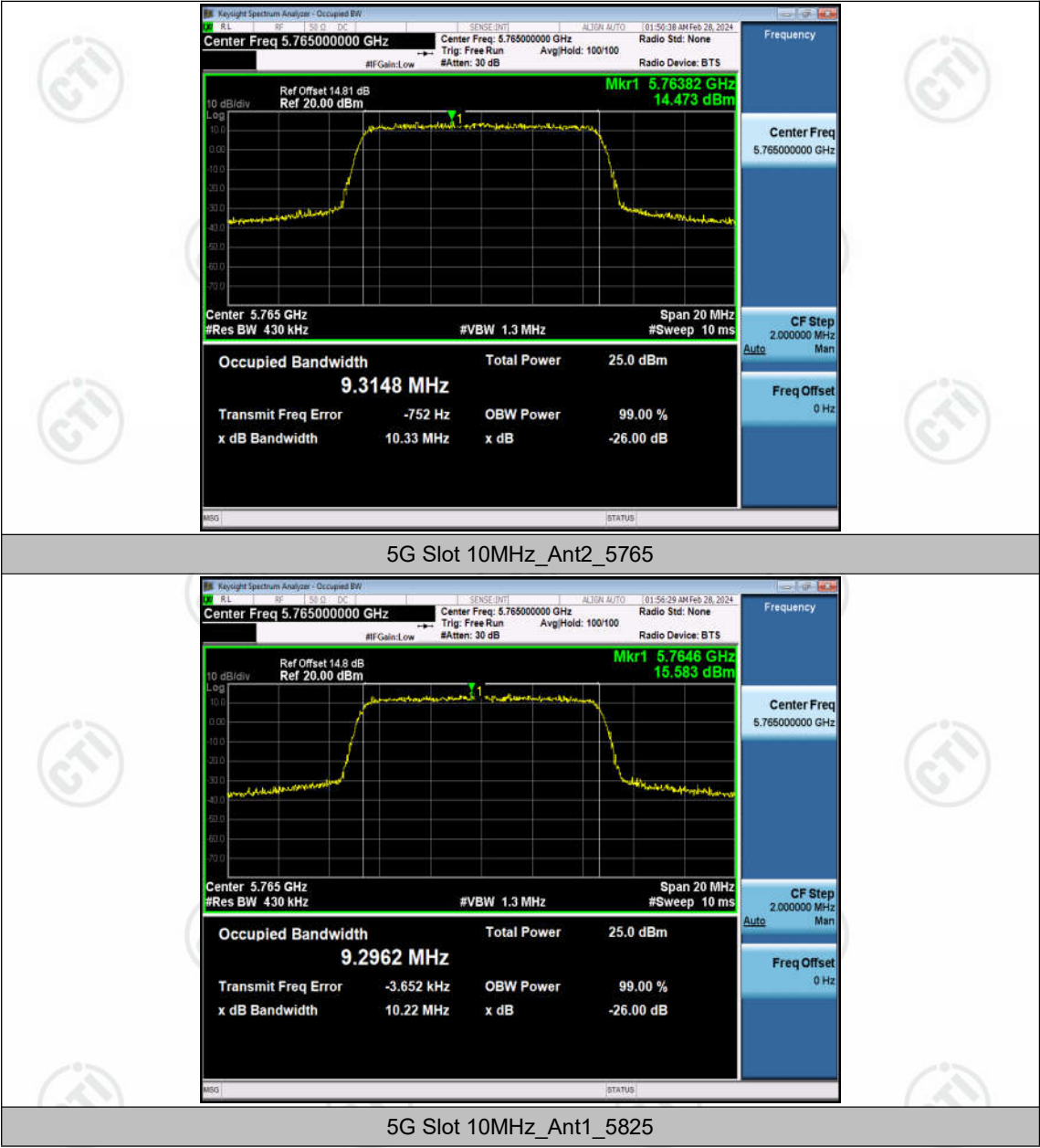
Appendix B: Occupied channel bandwidth

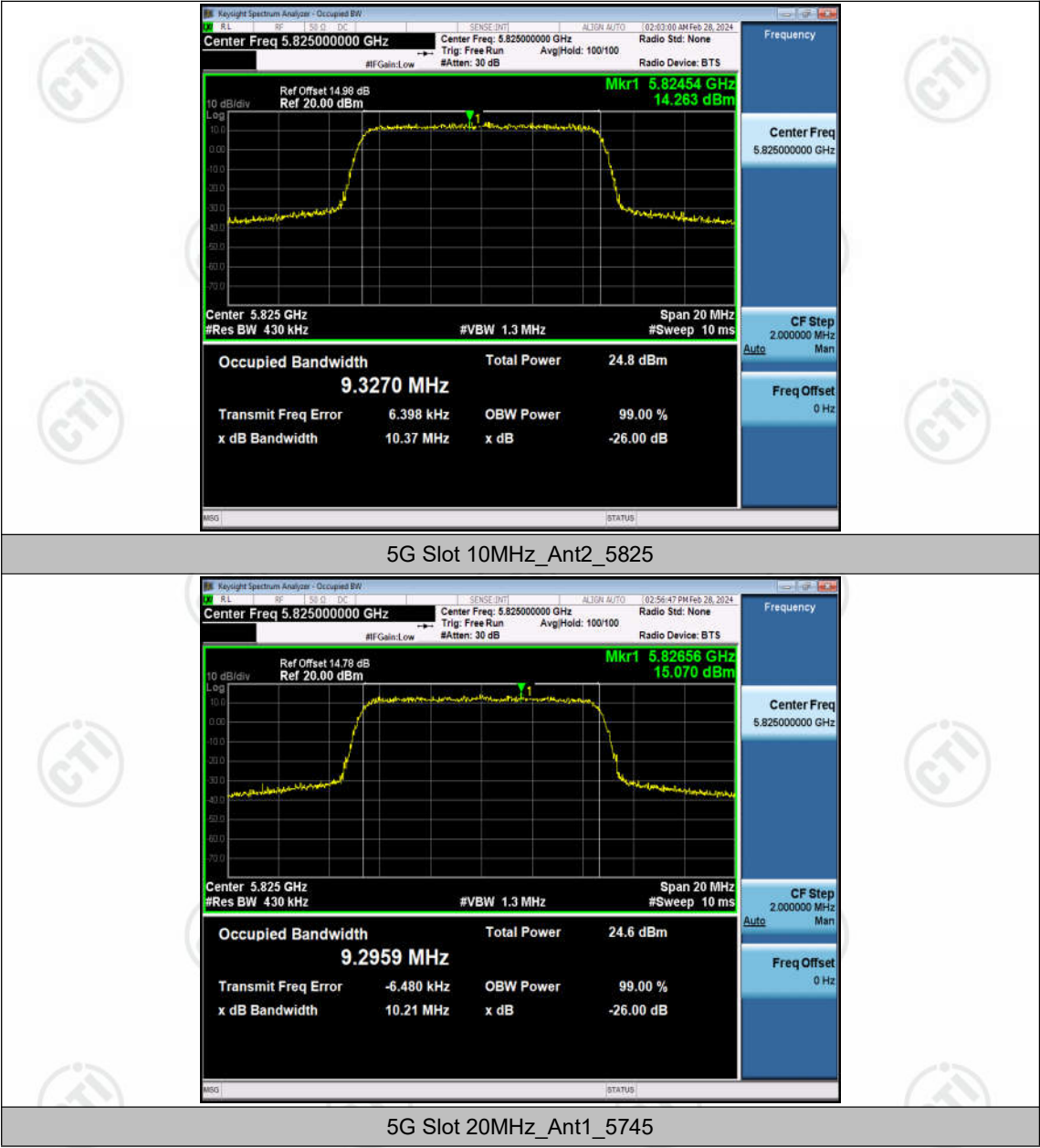
Test Result

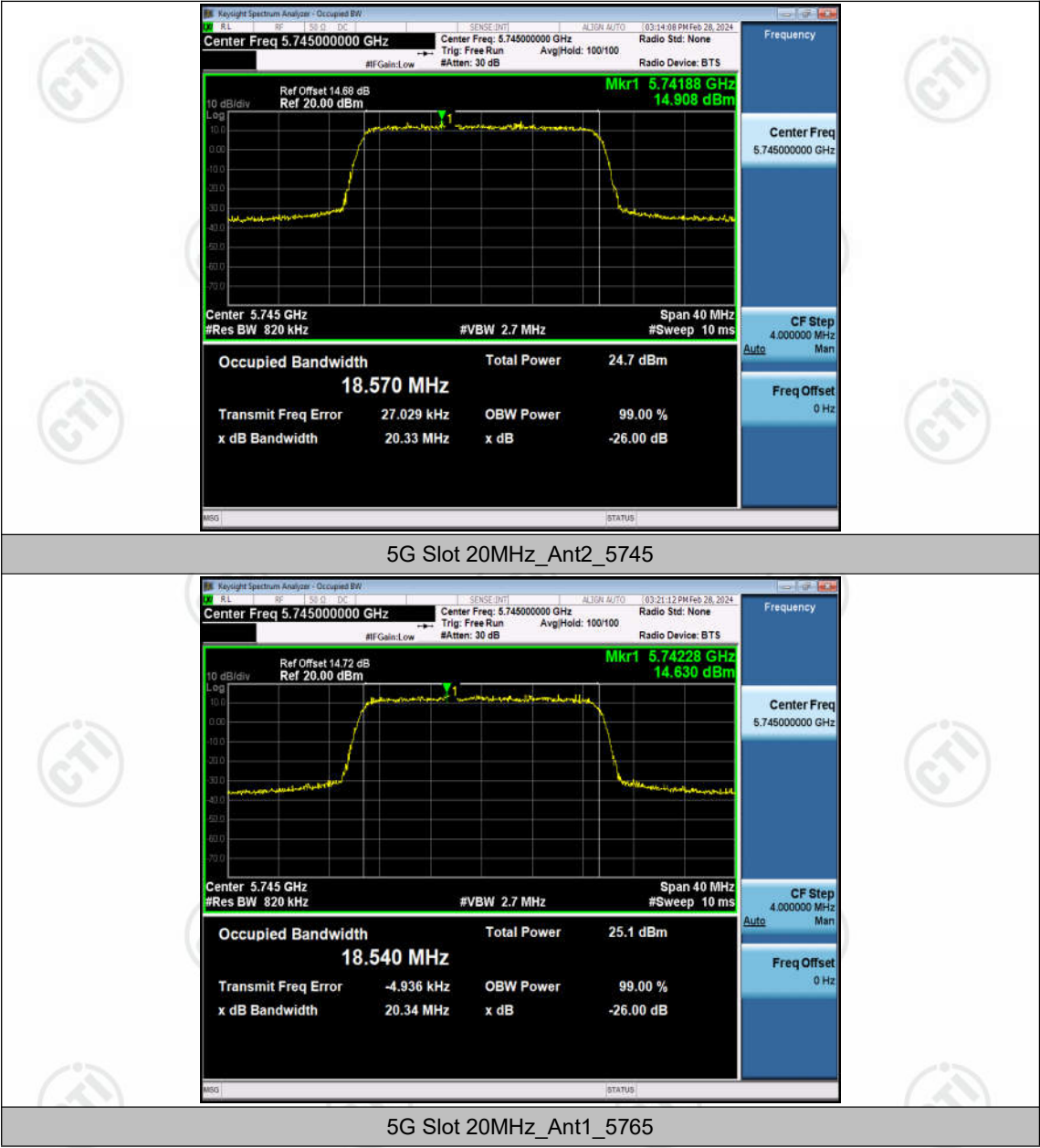
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
5G Slot 10MHz	Ant1	5745	9.3409	5740.3119	5749.6528
	Ant2	5745	9.3106	5740.3412	5749.6518
	Ant1	5765	9.3148	5760.3419	5769.6567
	Ant2	5765	9.2962	5760.3483	5769.6445
	Ant1	5825	9.3270	5820.3429	5829.6699
	Ant2	5825	9.2959	5820.3456	5829.6415
5G Slot 20MHz	Ant1	5745	18.570	5735.7420	5754.3120
	Ant2	5745	18.540	5735.7251	5754.2651
	Ant1	5765	18.512	5755.7350	5774.2470
	Ant2	5765	18.530	5755.7244	5774.2544
	Ant1	5825	18.620	5815.6627	5834.2827
	Ant2	5825	18.499	5815.7364	5834.2354
5G Slot 40MHz	Ant1	5755	36.708	5736.6026	5773.3106
	Ant2	5755	36.543	5736.7347	5773.2777
	Ant1	5795	36.672	5776.6326	5813.3046
	Ant2	5795	36.519	5776.7241	5813.2431

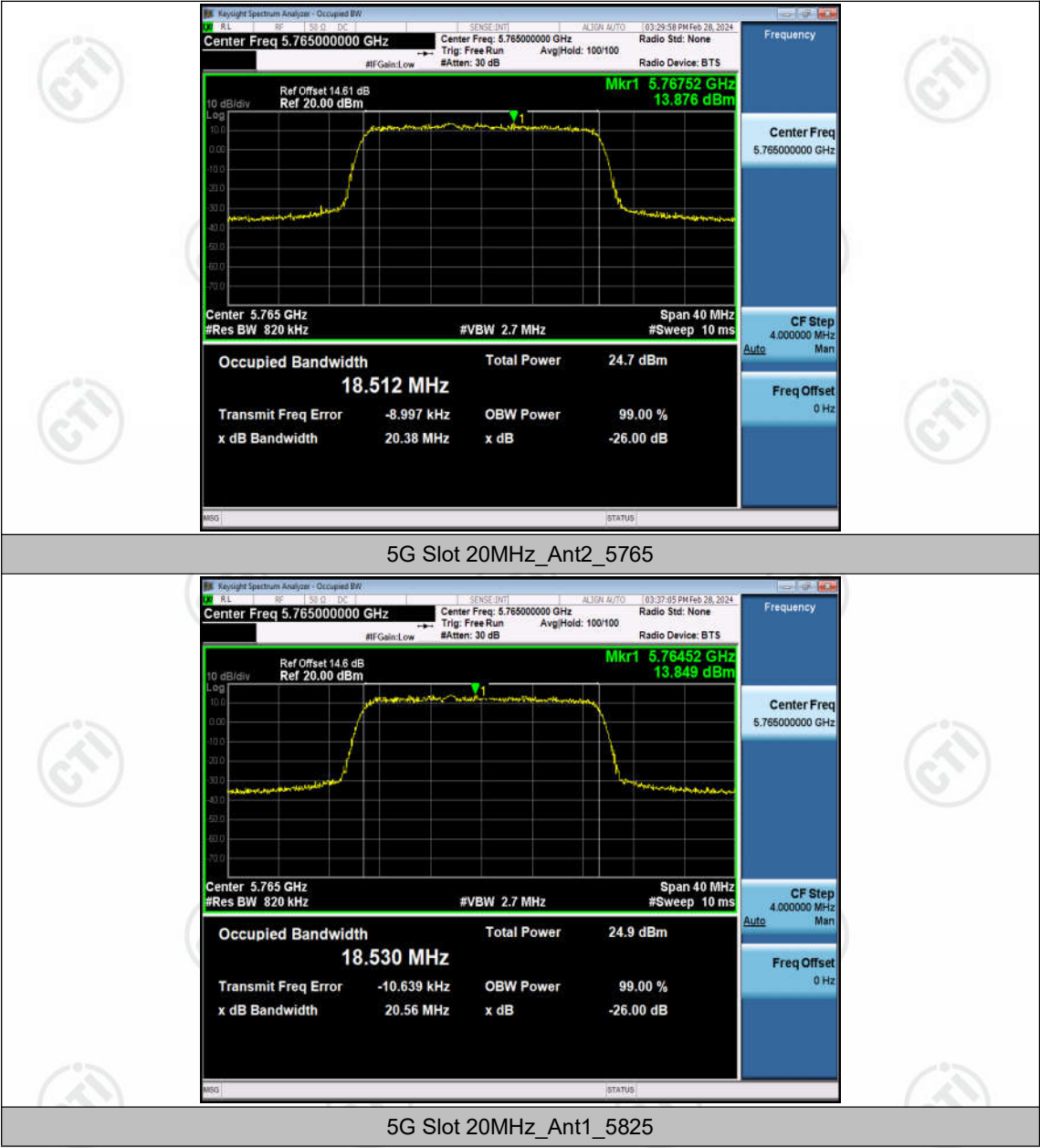
Test Graphs

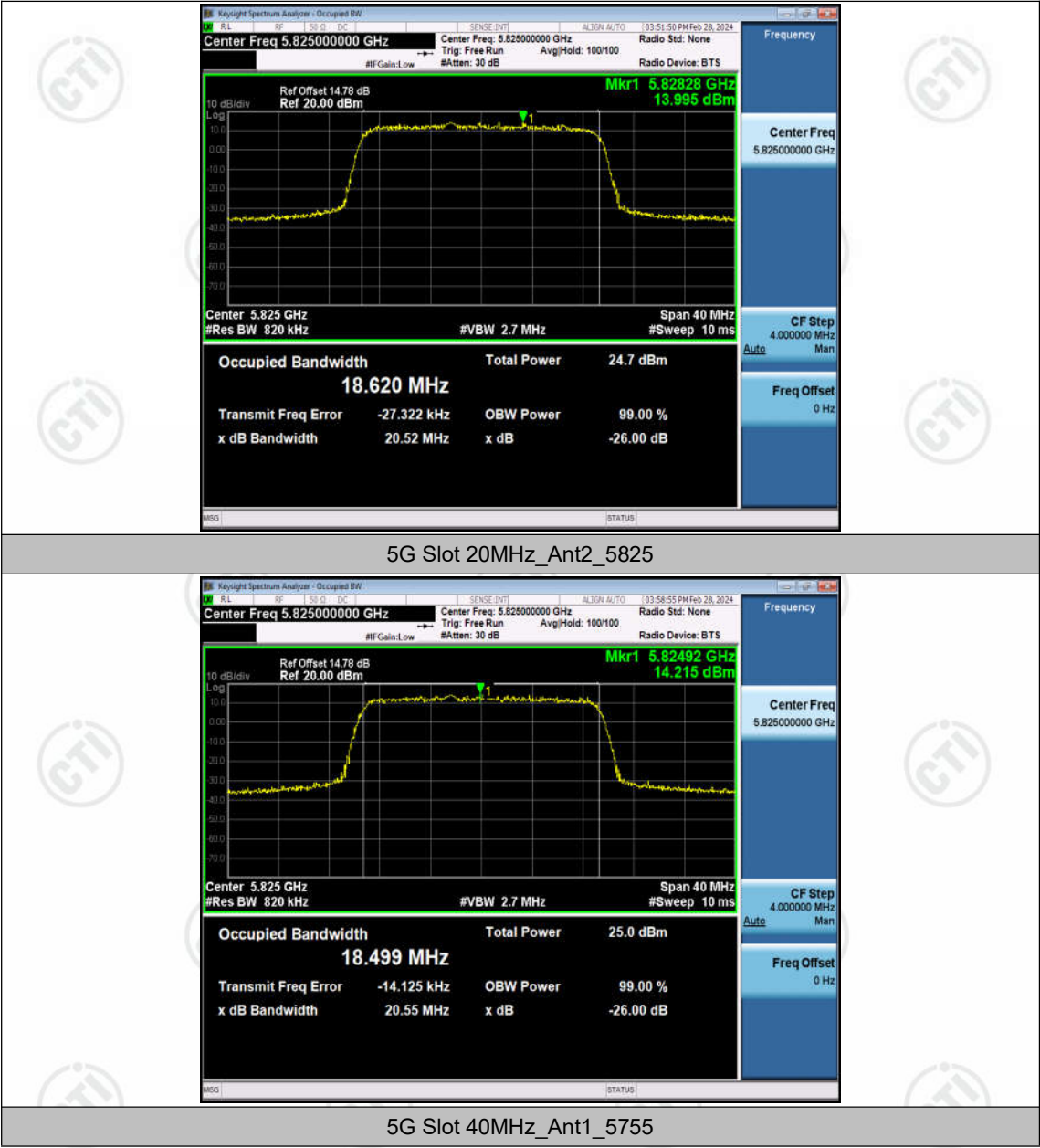


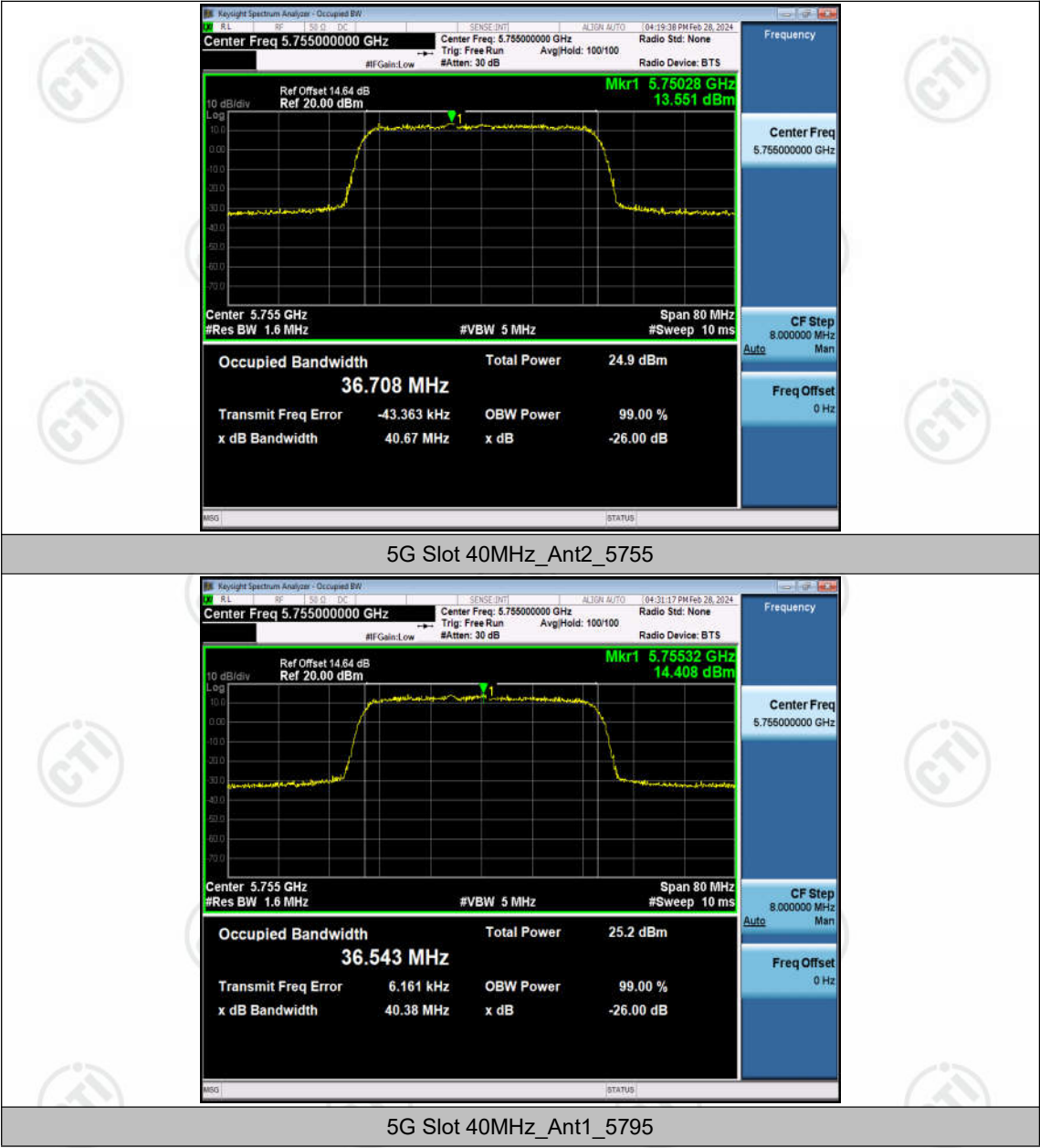


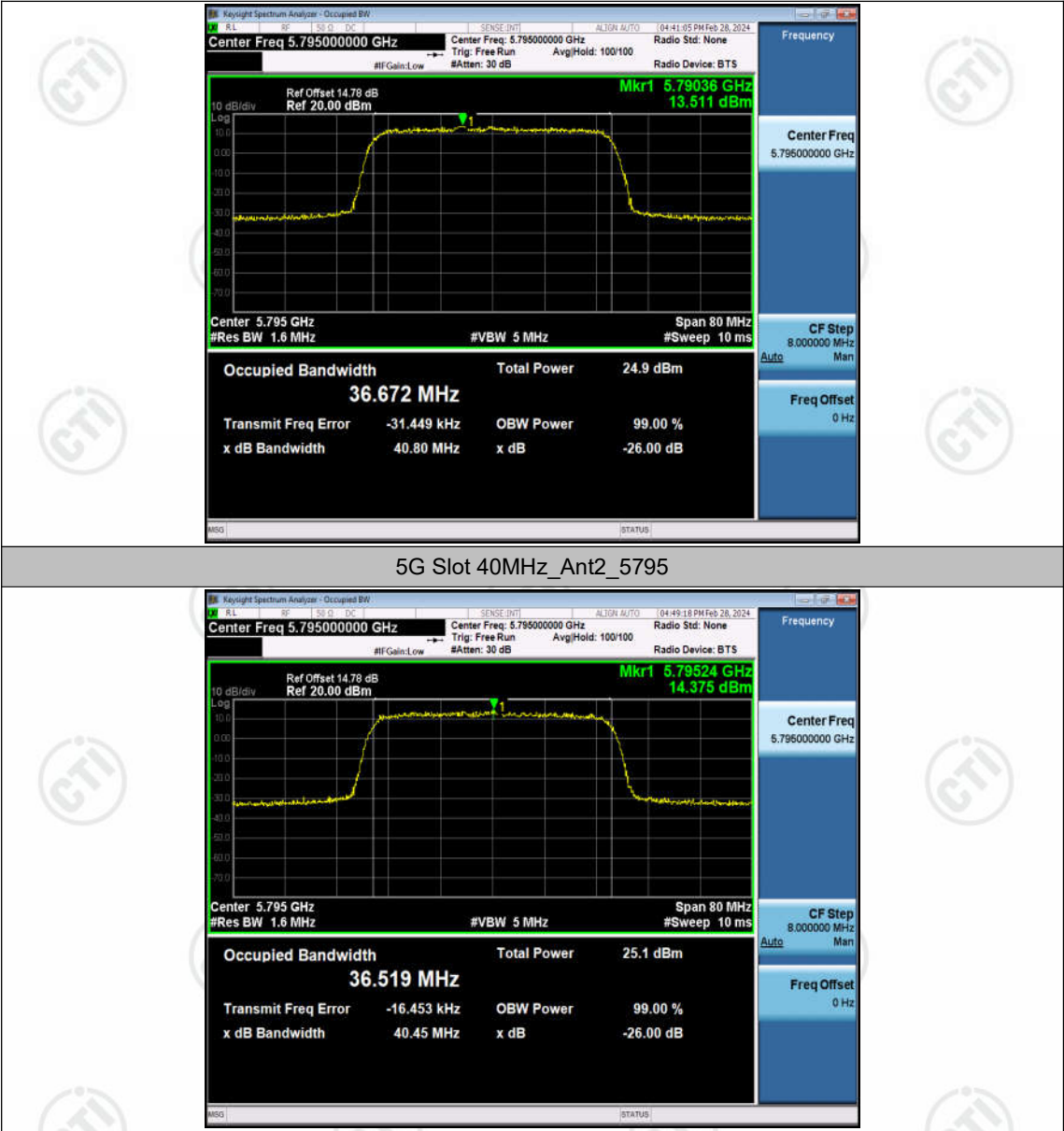










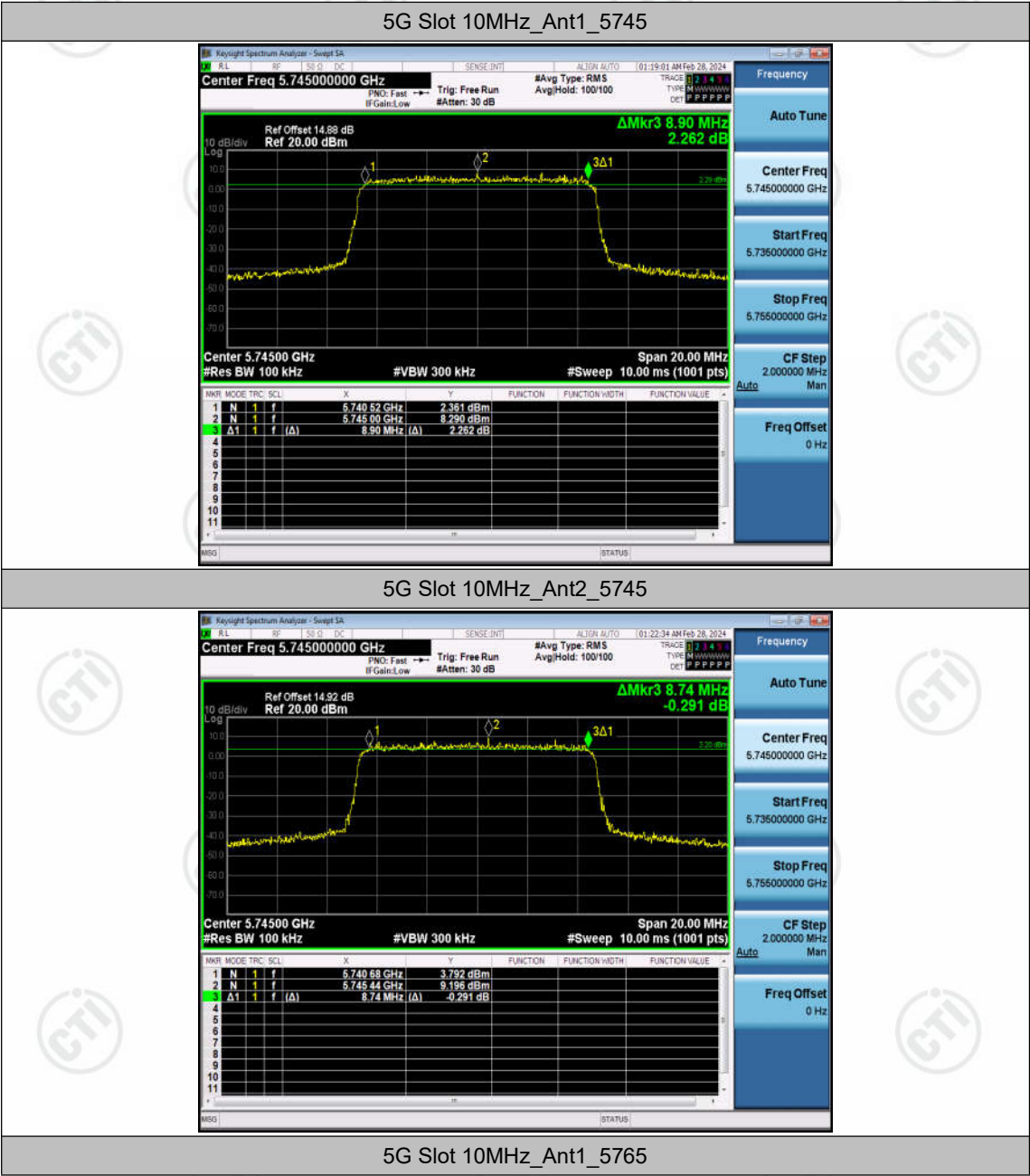


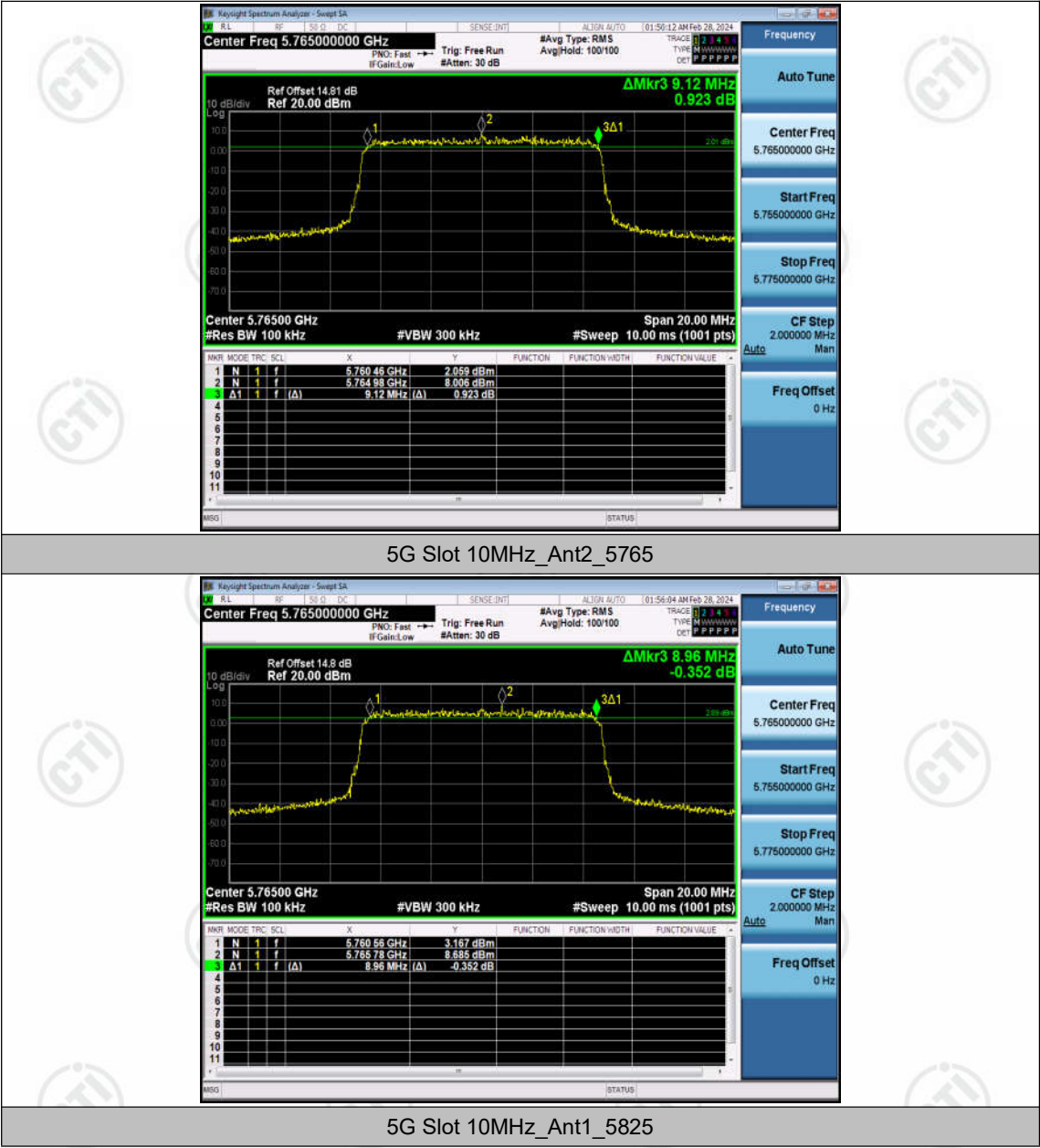
Appendix C: Min emission bandwidth

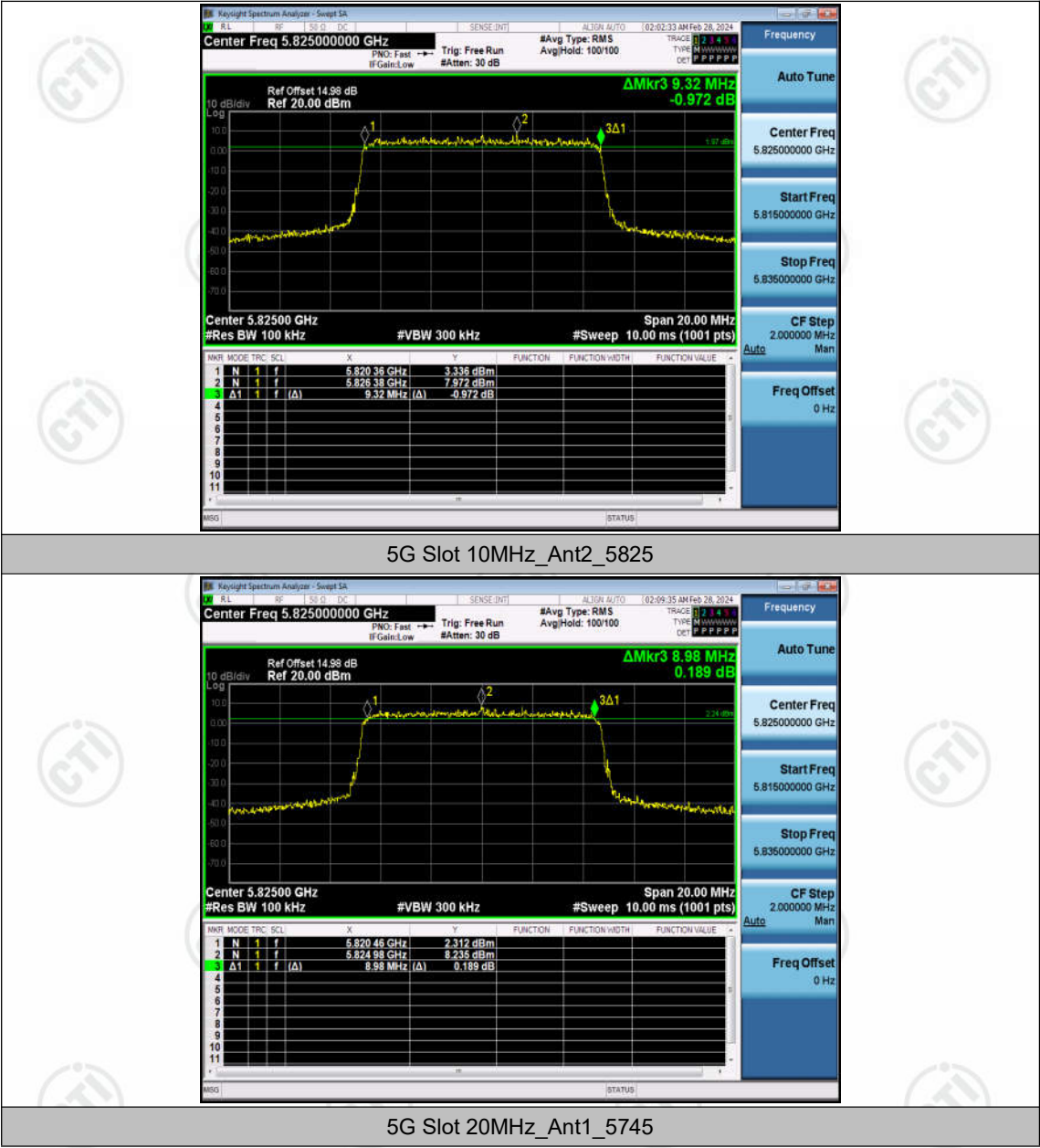
Test Result

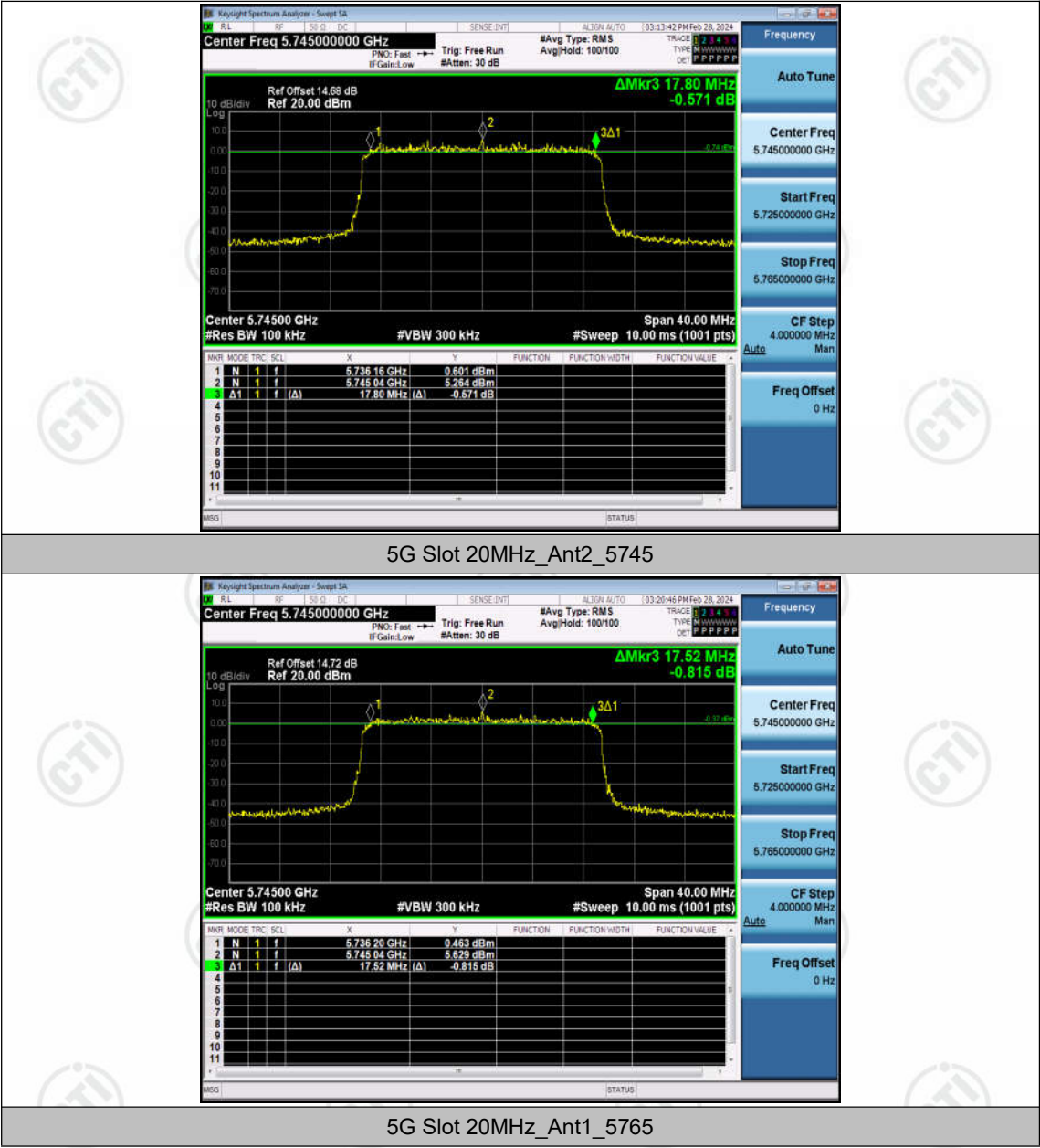
Test Mode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5G Slot 10MHz	Ant1	5745	8.900	5740.520	5749.420	0.5	PASS
	Ant2	5745	8.740	5740.680	5749.420	0.5	PASS
	Ant1	5765	9.120	5760.460	5769.580	0.5	PASS
	Ant2	5765	8.960	5760.560	5769.520	0.5	PASS
	Ant1	5825	9.320	5820.360	5829.680	0.5	PASS
	Ant2	5825	8.980	5820.460	5829.440	0.5	PASS
5G Slot 20MHz	Ant1	5745	17.800	5736.160	5753.960	0.5	PASS
	Ant2	5745	17.520	5736.200	5753.720	0.5	PASS
	Ant1	5765	16.840	5756.640	5773.480	0.5	PASS
	Ant2	5765	17.560	5756.280	5773.840	0.5	PASS
	Ant1	5825	17.400	5816.240	5833.640	0.5	PASS
	Ant2	5825	17.520	5816.240	5833.760	0.5	PASS
5G Slot 40MHz	Ant1	5755	33.280	5737.880	5771.160	0.5	PASS
	Ant2	5755	33.040	5738.440	5771.480	0.5	PASS
	Ant1	5795	32.000	5778.840	5810.840	0.5	PASS
	Ant2	5795	31.760	5779.160	5810.920	0.5	PASS

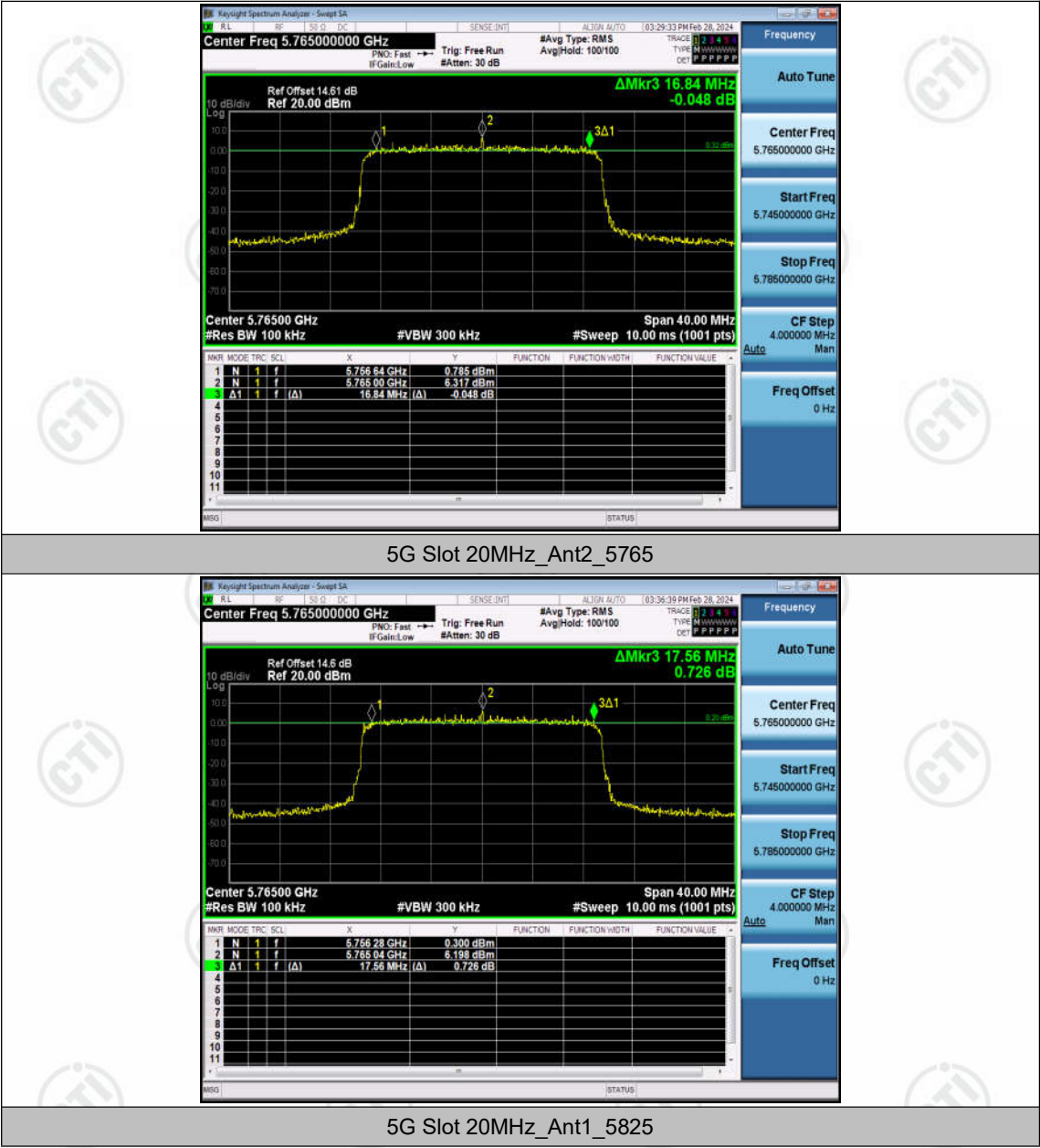
Test Graphs

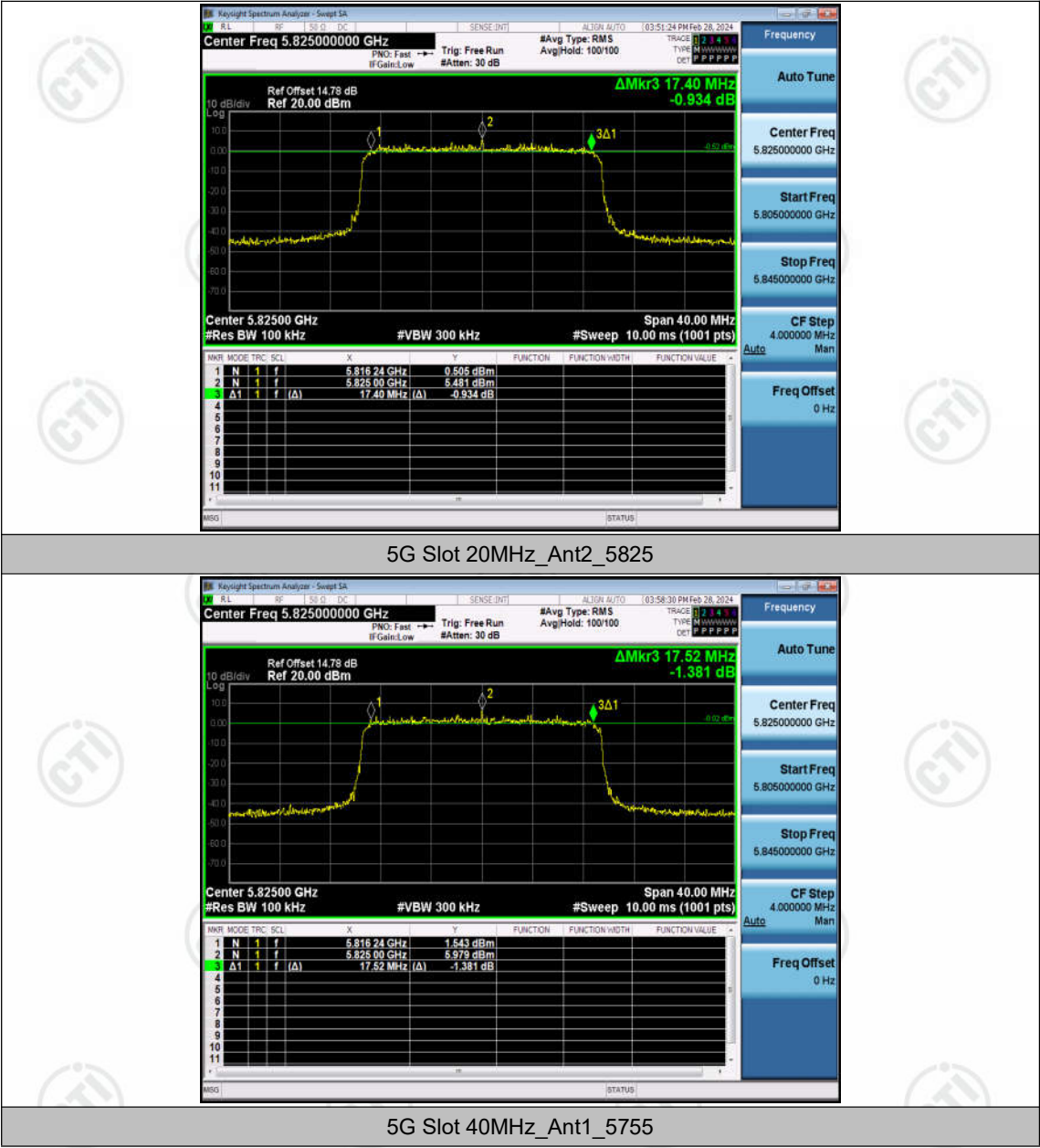


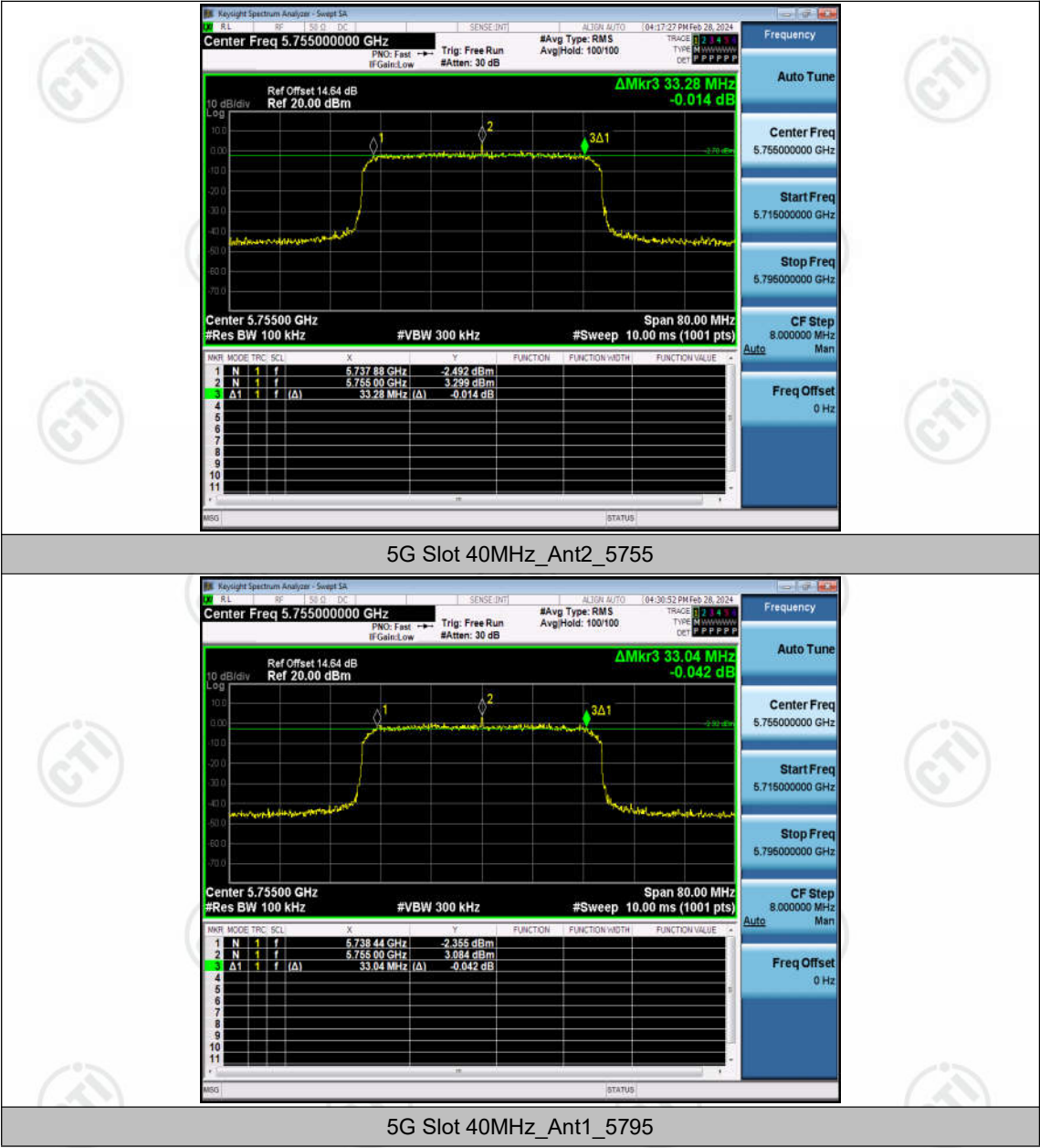


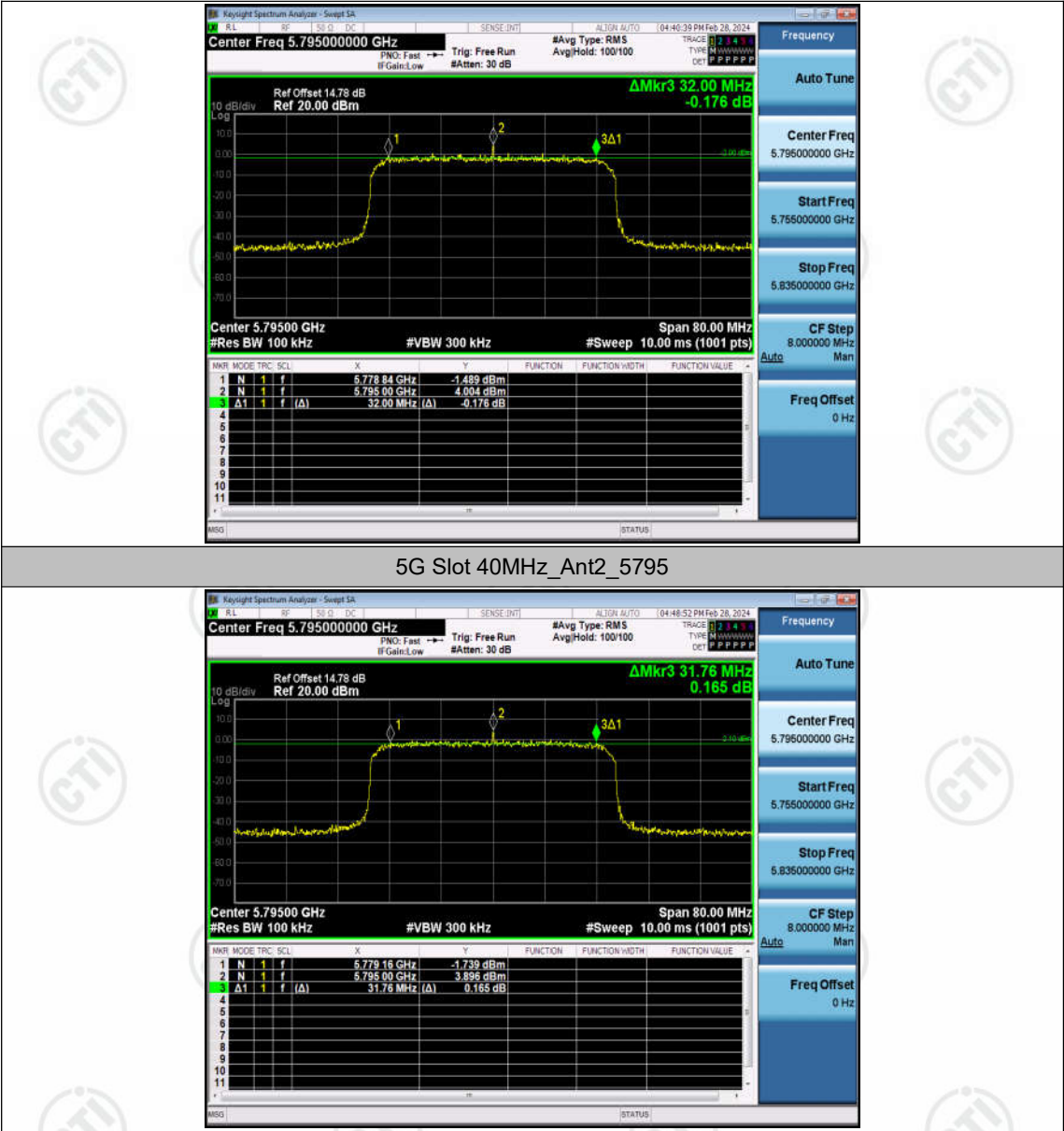












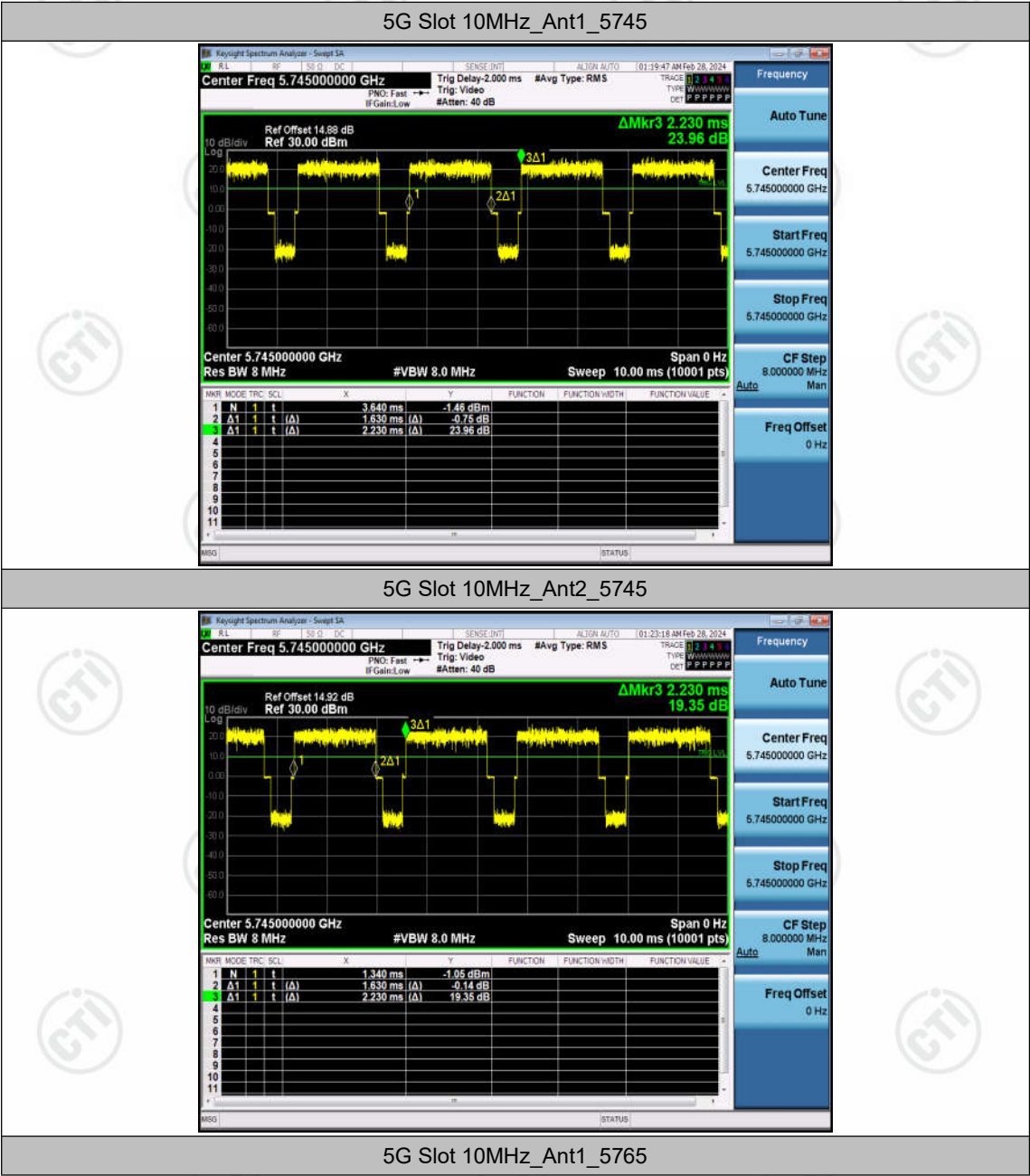
Appendix D: Duty Cycle

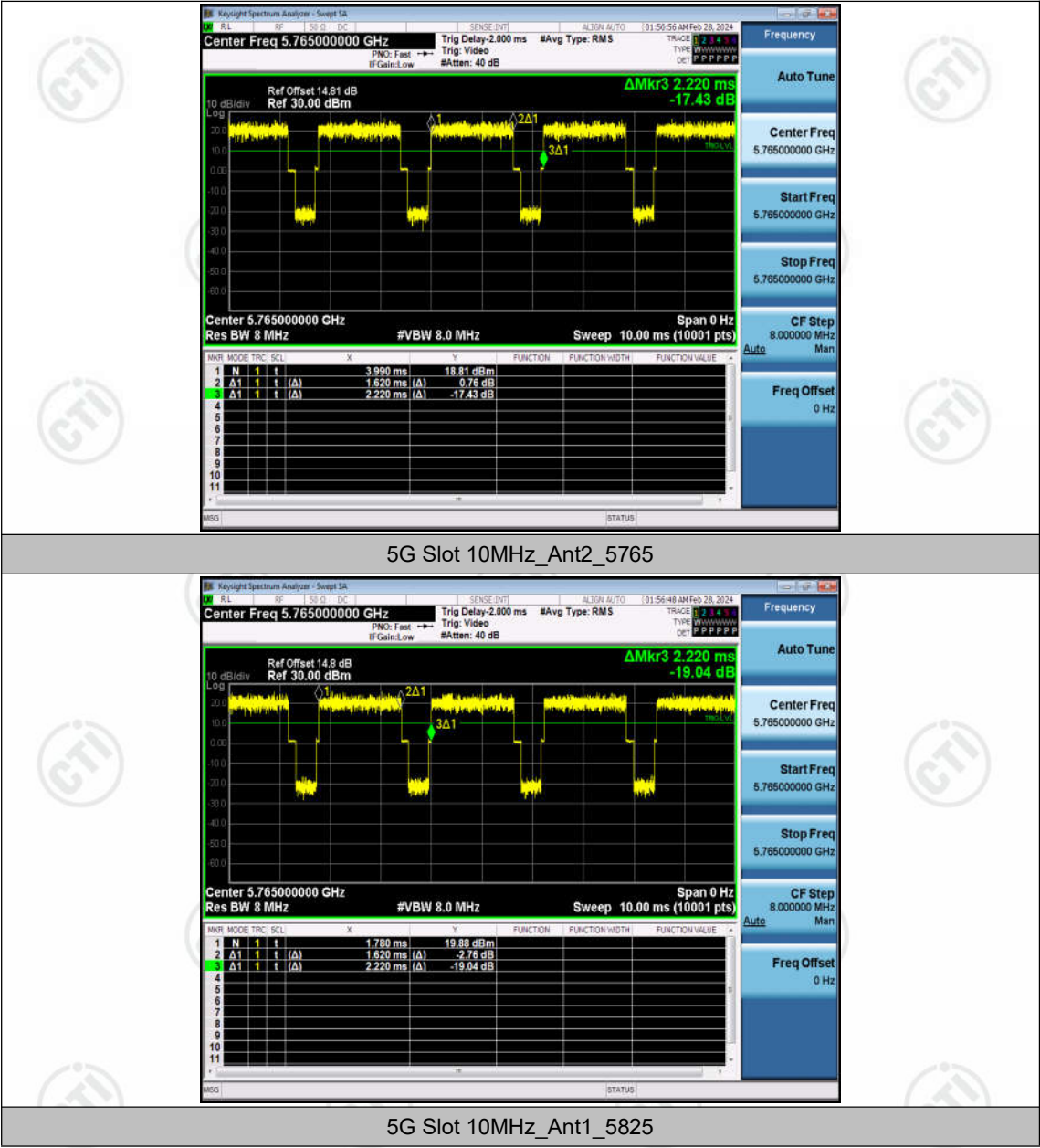
Test Result

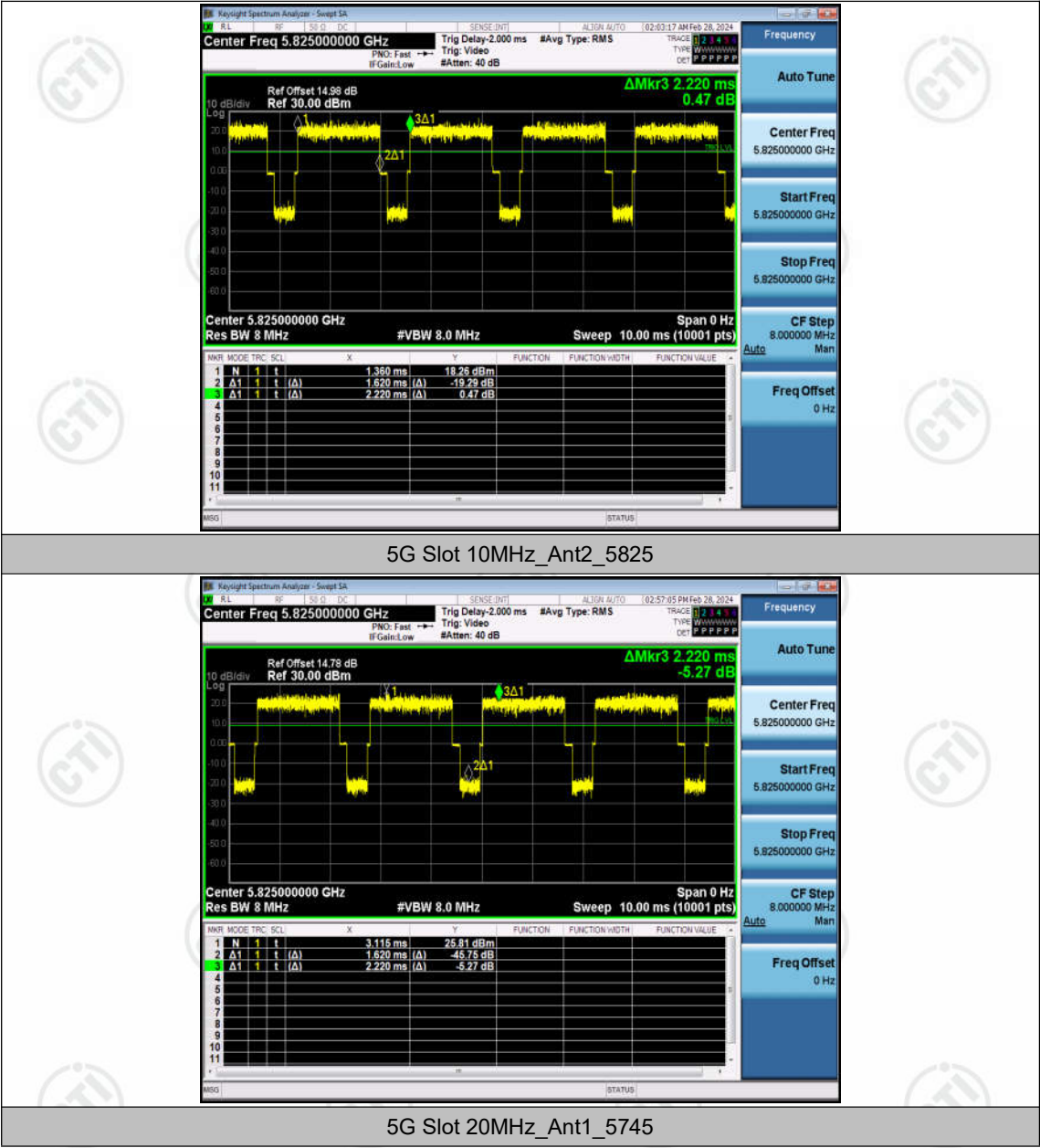
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle factor [dB]
5G Slot 10MHz	Ant1	5745	1.63	2.23	73.09	1.36
	Ant2	5745	1.63	2.23	73.09	1.36
	Ant1	5765	1.62	2.22	72.97	1.37
	Ant2	5765	1.62	2.22	72.97	1.37
	Ant1	5825	1.62	2.22	72.97	1.37
	Ant2	5825	1.62	2.22	72.97	1.37
5G Slot 20MHz	Ant1	5745	1.62	2.22	72.97	1.37
	Ant2	5745	1.62	2.22	72.97	1.37
	Ant1	5765	1.62	2.22	72.97	1.37
	Ant2	5765	1.63	2.23	73.09	1.36
	Ant1	5825	1.63	2.23	73.09	1.36
	Ant2	5825	1.62	2.22	72.97	1.37
5G Slot 40MHz	Ant1	5755	0.00	0.05	100	0.00
	Ant2	5755	0.00	0.06	100	0.00
	Ant1	5795	0.00	0.01	100	0.00
	Ant2	5795	0.00	0.00	100	0.00

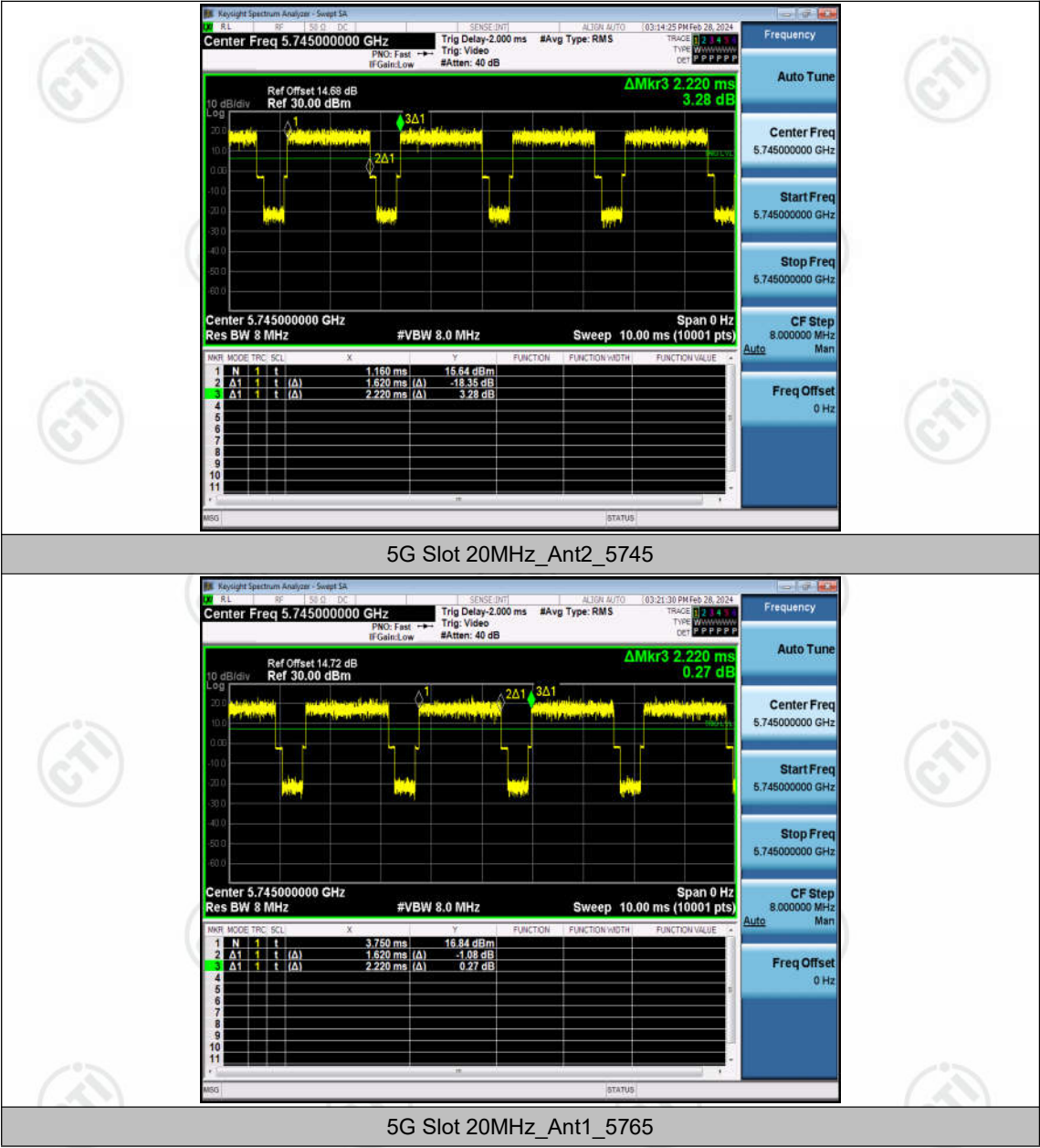
Note: Duty cycle factor = 10*lg (1/Duty cycle);

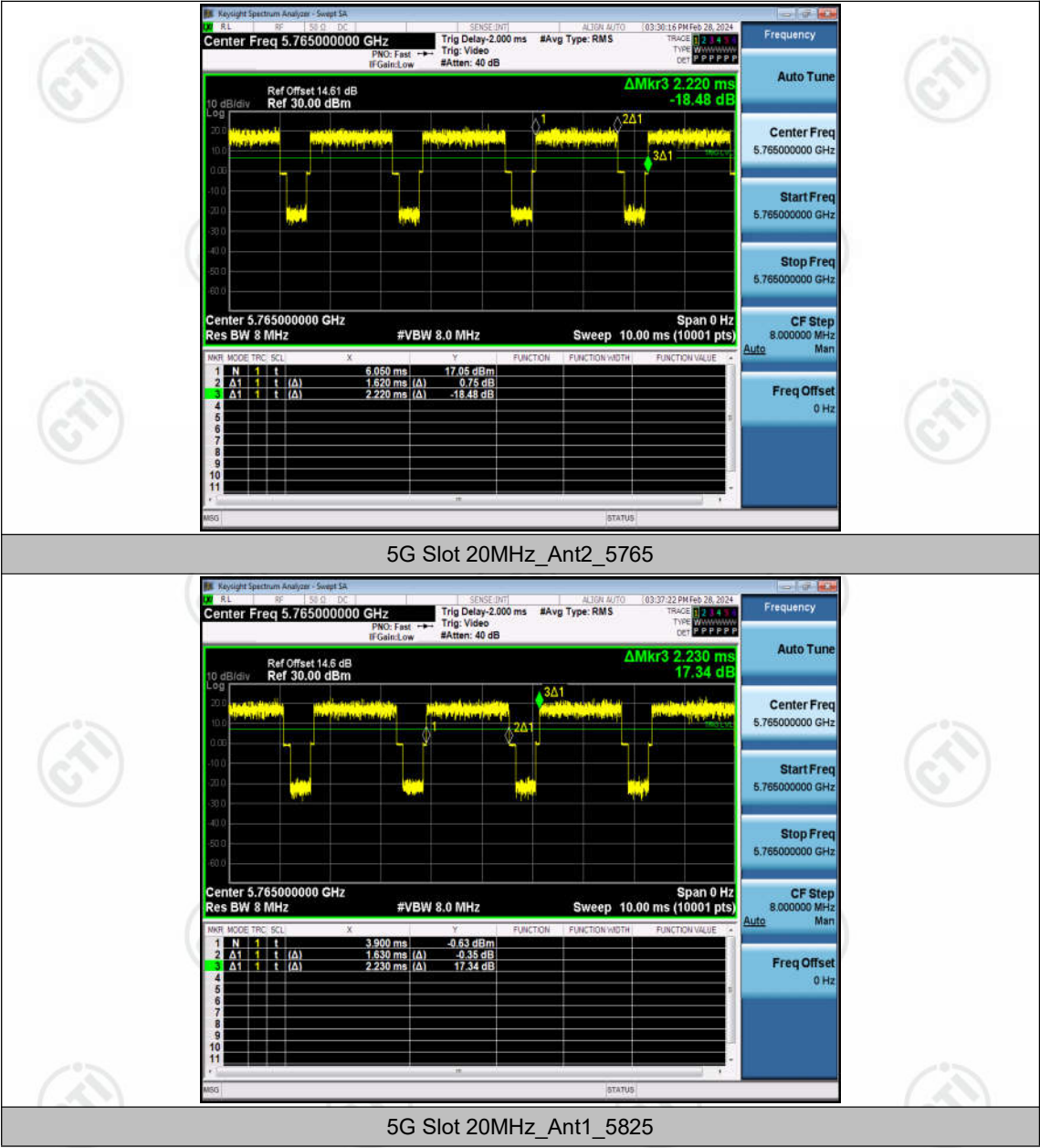
Test Graphs

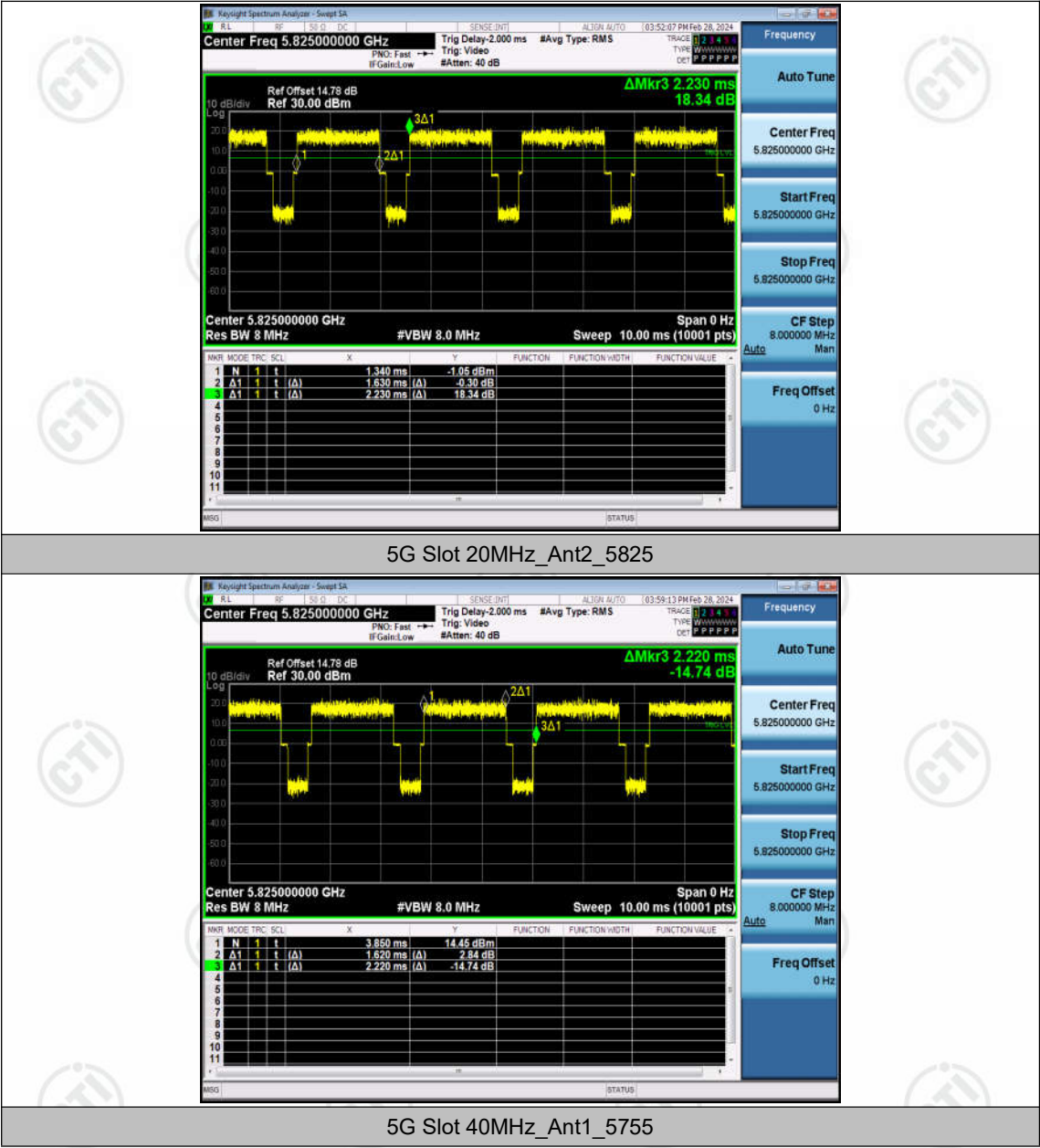


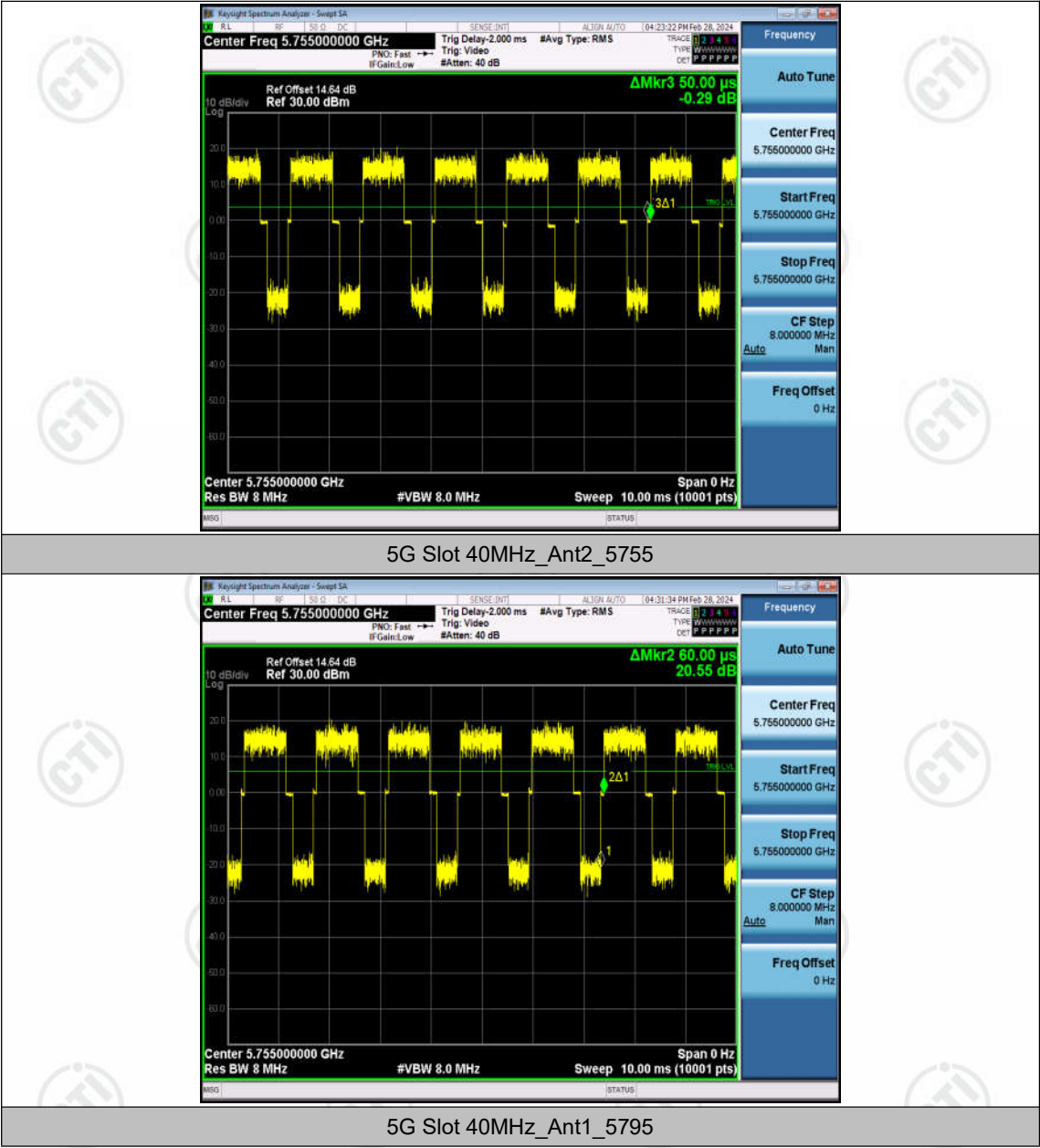


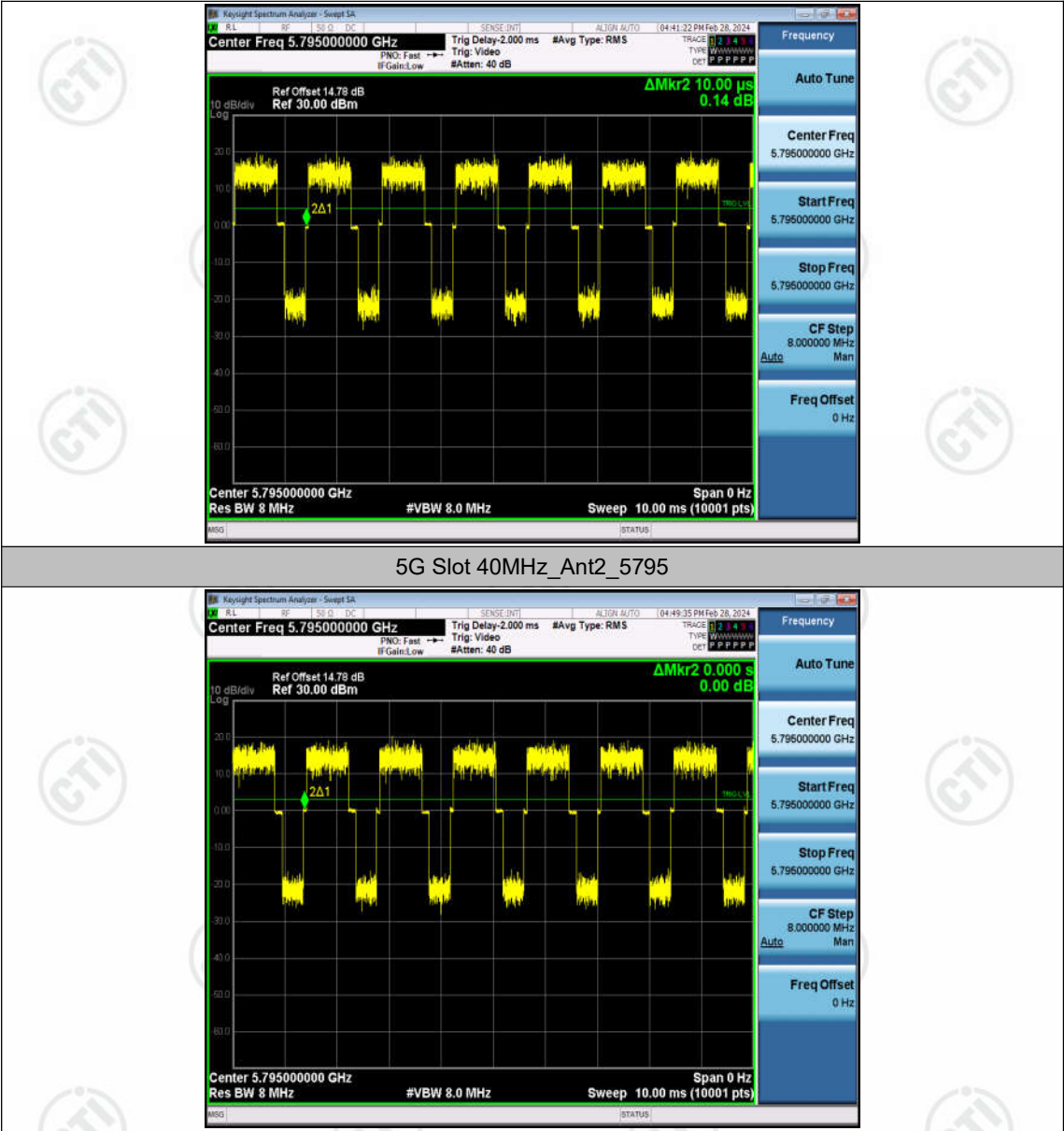












Appendix E: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	Duty Cycle Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
5G Slot 10MHz	Ant1	5745	15.00	73.09	1.36	16.36	≤30.00	5.00	21.36	---	PASS
	Ant2	5745	14.87	73.09	1.36	16.23	≤30.00	5.00	21.23	---	PASS
	total	5745	---	---	---	19.31	≤30.00	---	24.31	---	PASS
	Ant1	5765	14.80	72.97	1.37	16.17	≤30.00	5.00	21.17	---	PASS
	Ant2	5765	14.81	72.97	1.37	16.18	≤30.00	5.00	21.18	---	PASS
	total	5765	---	---	---	19.19	≤30.00	---	24.19	---	PASS
	Ant1	5825	14.84	72.97	1.37	16.21	≤30.00	5.00	21.21	---	PASS
	Ant2	5825	14.56	72.97	1.37	15.93	≤30.00	5.00	20.93	---	PASS
	total	5825	---	---	---	19.08	≤30.00	---	24.08	---	PASS
5G Slot 20MHz	Ant1	5745	14.48	72.97	1.37	15.85	≤30.00	5.00	20.85	---	PASS
	Ant2	5745	14.84	72.97	1.37	16.21	≤30.00	5.00	21.21	---	PASS
	total	5745	---	---	---	19.04	≤30.00	---	24.04	---	PASS
	Ant1	5765	14.58	72.97	1.37	15.95	≤30.00	5.00	20.95	---	PASS
	Ant2	5765	14.54	73.09	1.36	15.90	≤30.00	5.00	20.90	---	PASS
	total	5765	---	---	---	18.94	≤30.00	---	23.94	---	PASS
	Ant1	5825	14.34	73.09	1.36	15.70	≤30.00	5.00	20.70	---	PASS
	Ant2	5825	14.34	72.97	1.37	15.71	≤30.00	5.00	20.71	---	PASS
	total	5825	---	---	---	18.72	≤30.00	---	23.72	---	PASS
5G Slot 40MHz	Ant1	5755	13.50	100.00	0.00	13.50	≤30.00	5.00	18.50	---	PASS
	Ant2	5755	13.79	71.63	1.45	15.24	≤30.00	5.00	20.24	---	PASS
	total	5755	---	---	---	17.47	≤30.00	---	22.47	---	PASS
	Ant1	5795	13.39	100.00	0.00	13.39	≤30.00	5.00	18.39	---	PASS
	Ant2	5795	13.53	71.63	1.45	14.98	≤30.00	5.00	19.98	---	PASS
	total	5795	---	---	---	17.27	≤30.00	---	22.27	---	PASS

Note: Result [dBm]=Channel Power[dBm]+Duty Cycle Factor[dBm];

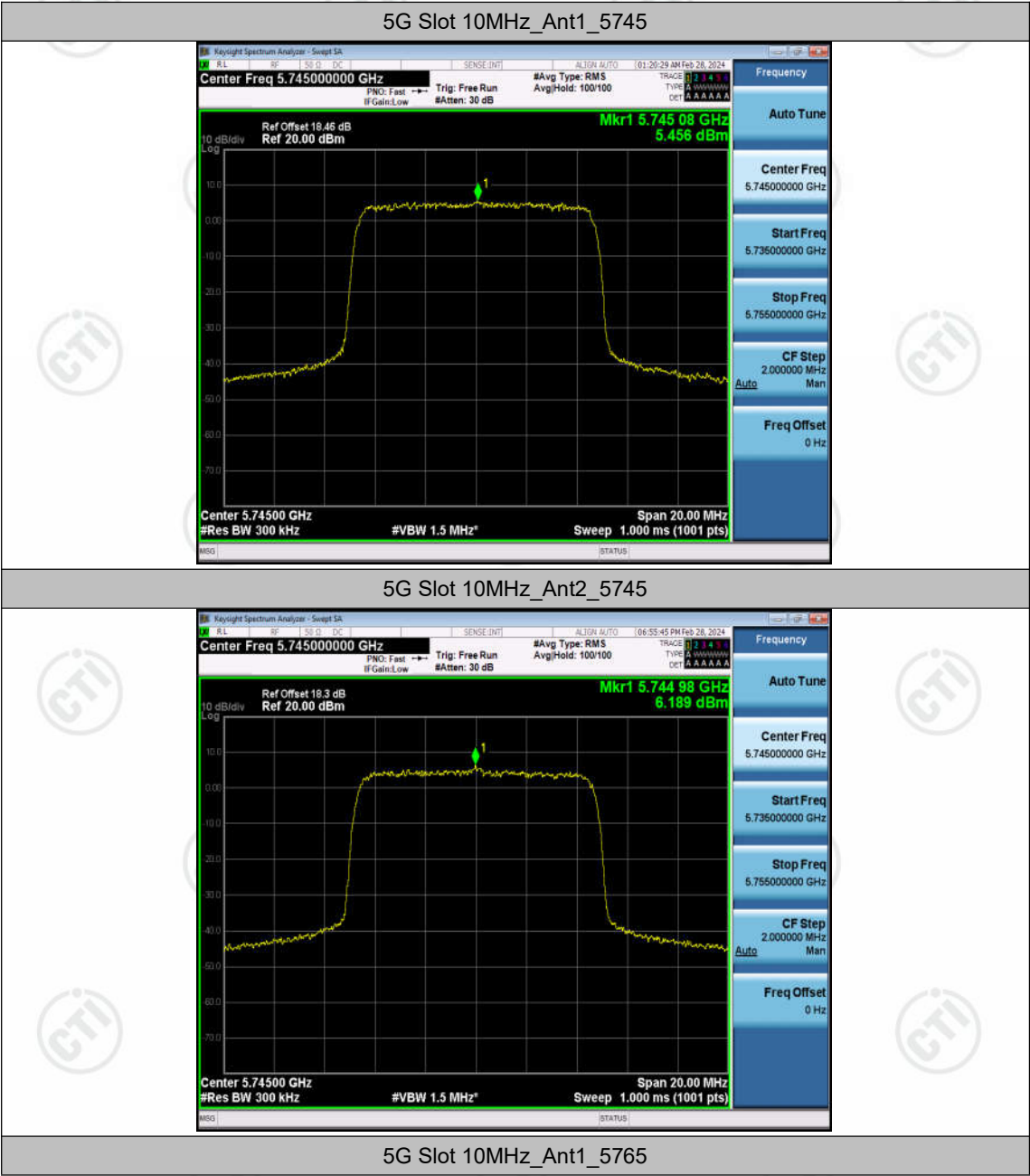
Appendix F: Maximum power spectral density

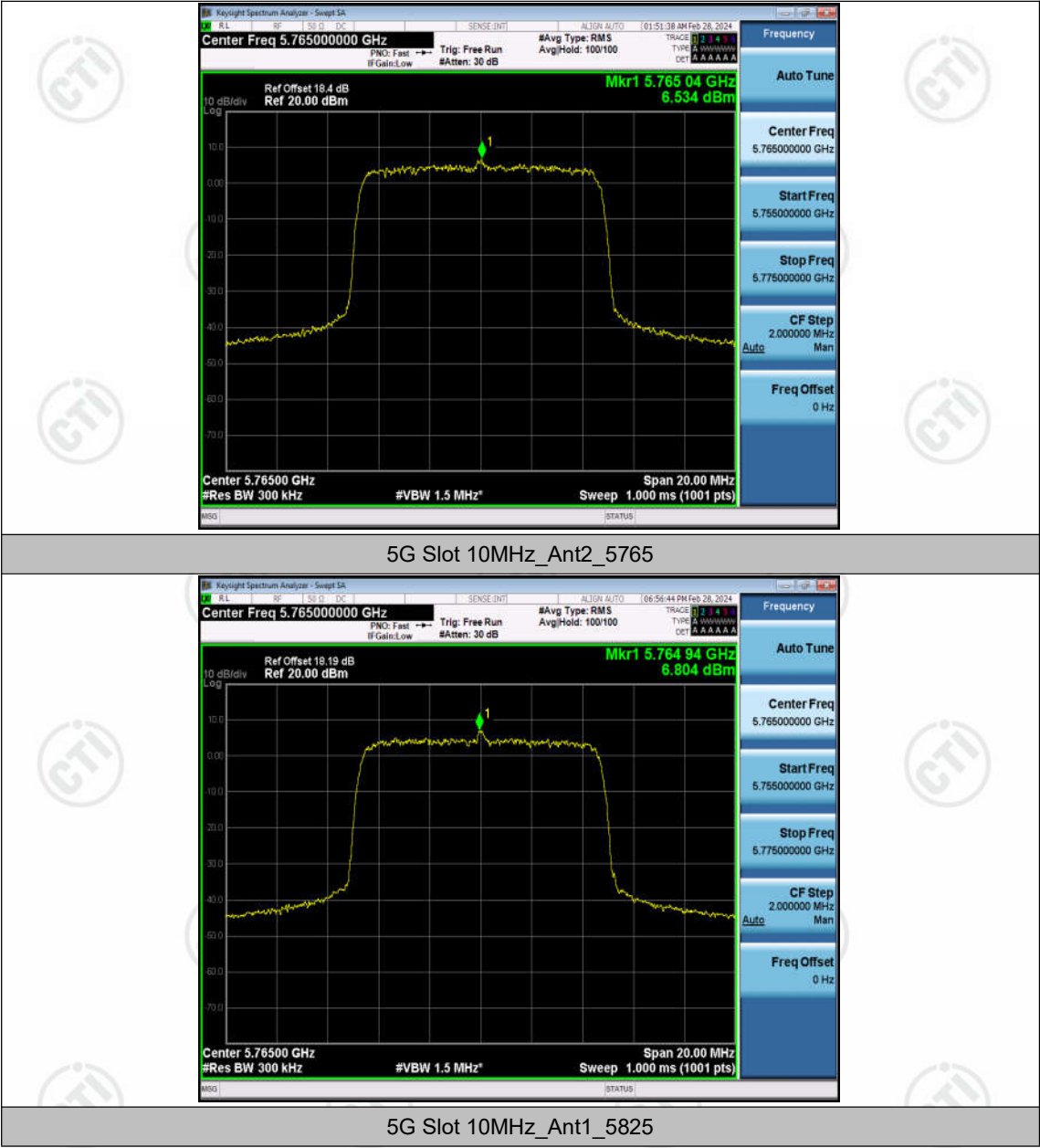
Test Result

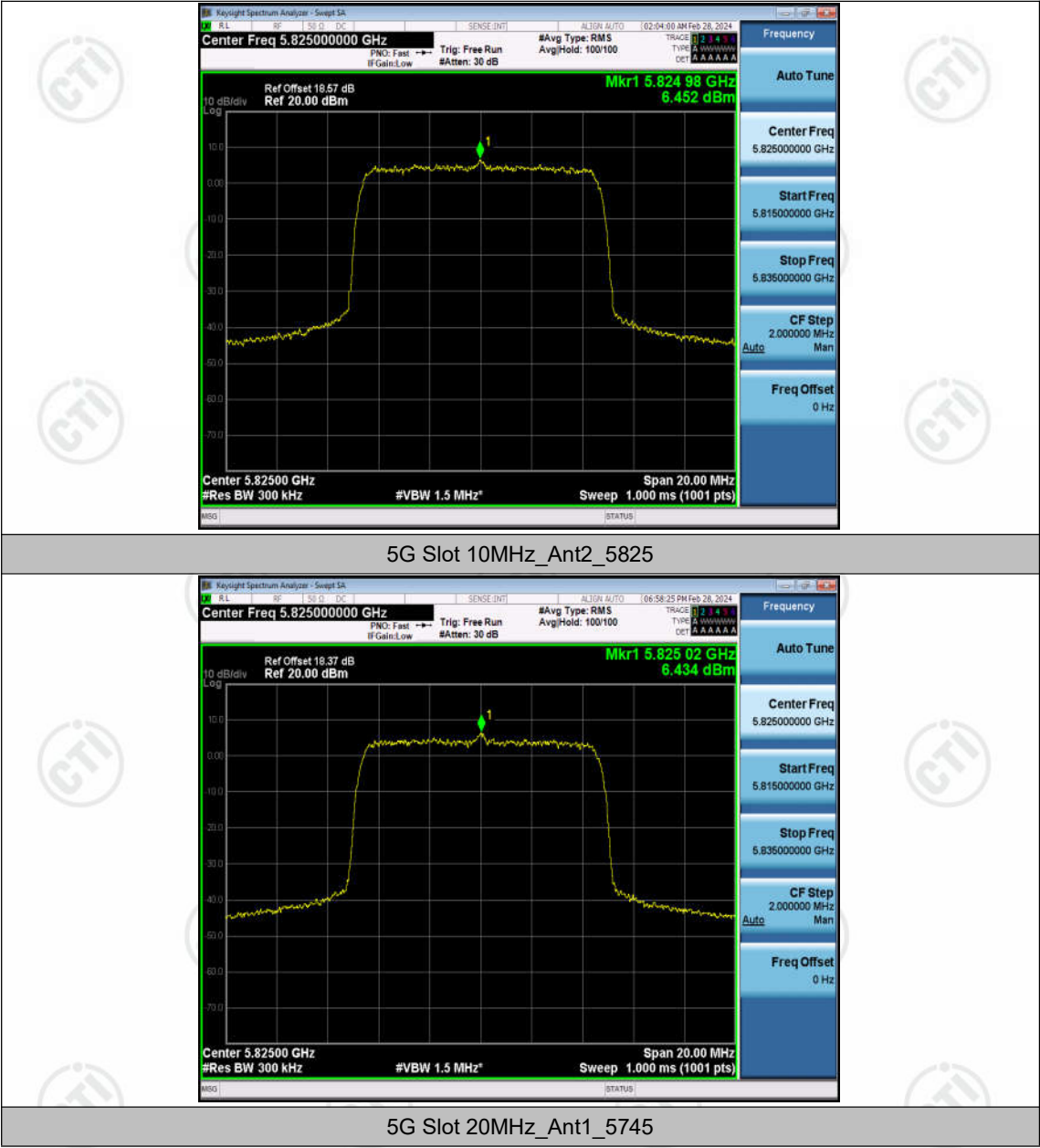
Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
5G Slot 10MHz	Ant1	5745	5.46	≤30.00	PASS
	Ant2	5745	6.19	≤30.00	PASS
	total	5745	8.85	≤30.00	PASS
	Ant1	5765	6.53	≤30.00	PASS
	Ant2	5765	6.8	≤30.00	PASS
	total	5765	9.68	≤30.00	PASS
	Ant1	5825	6.45	≤30.00	PASS
	Ant2	5825	6.43	≤30.00	PASS
	total	5825	9.45	≤30.00	PASS
5G Slot 20MHz	Ant1	5745	3.69	≤30.00	PASS
	Ant2	5745	4.02	≤30.00	PASS
	total	5745	6.87	≤30.00	PASS
	Ant1	5765	3.66	≤30.00	PASS
	Ant2	5765	4.61	≤30.00	PASS
	total	5765	7.17	≤30.00	PASS
	Ant1	5825	3.95	≤30.00	PASS
	Ant2	5825	4.56	≤30.00	PASS
	total	5825	7.28	≤30.00	PASS
5G Slot 40MHz	Ant1	5755	-0.28	≤30.00	PASS
	Ant2	5755	0.48	≤30.00	PASS
	total	5755	3.13	≤30.00	PASS
	Ant1	5795	0.22	≤30.00	PASS
	Ant2	5795	2.77	≤30.00	PASS
	total	5795	4.69	≤30.00	PASS

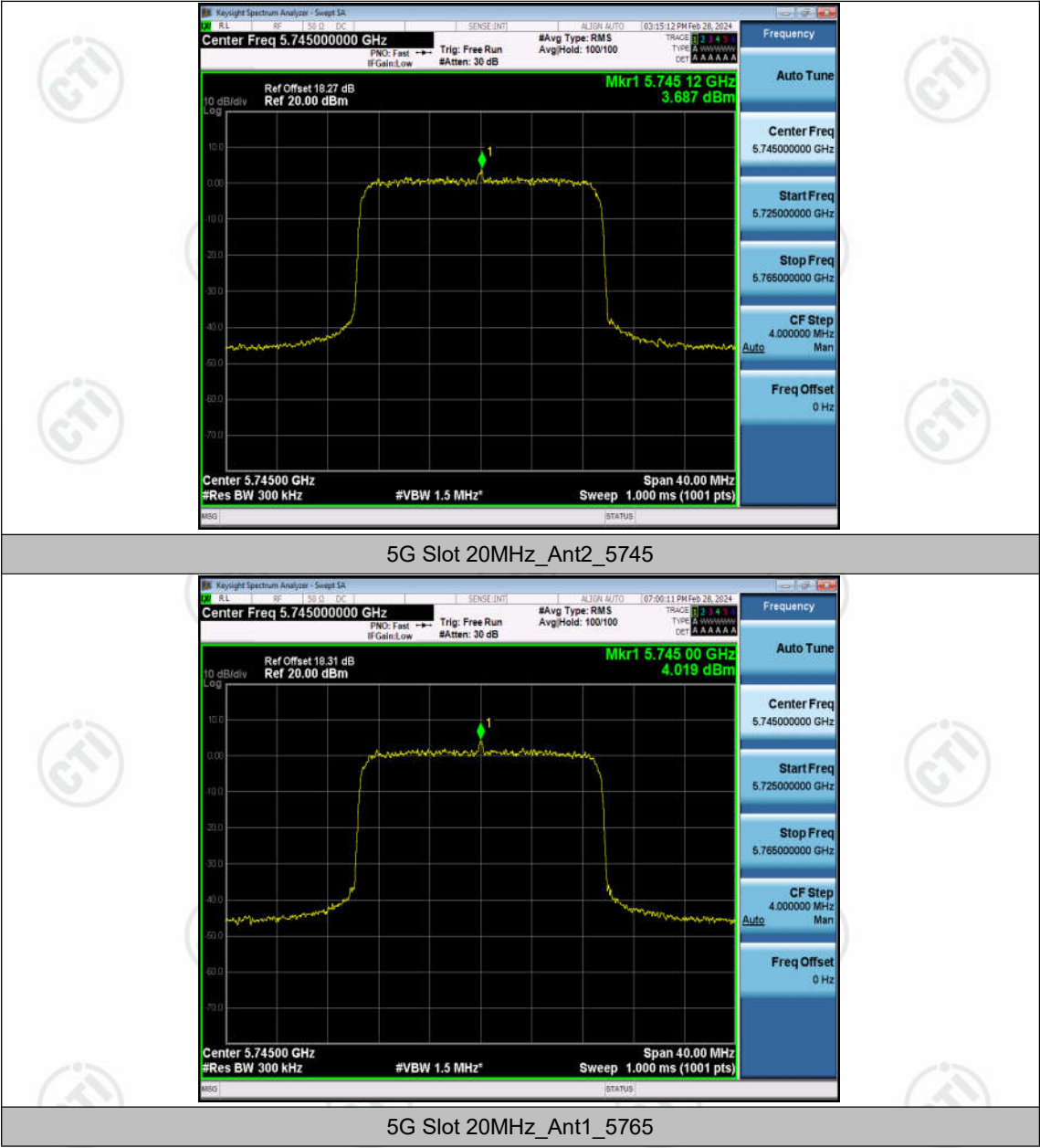
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

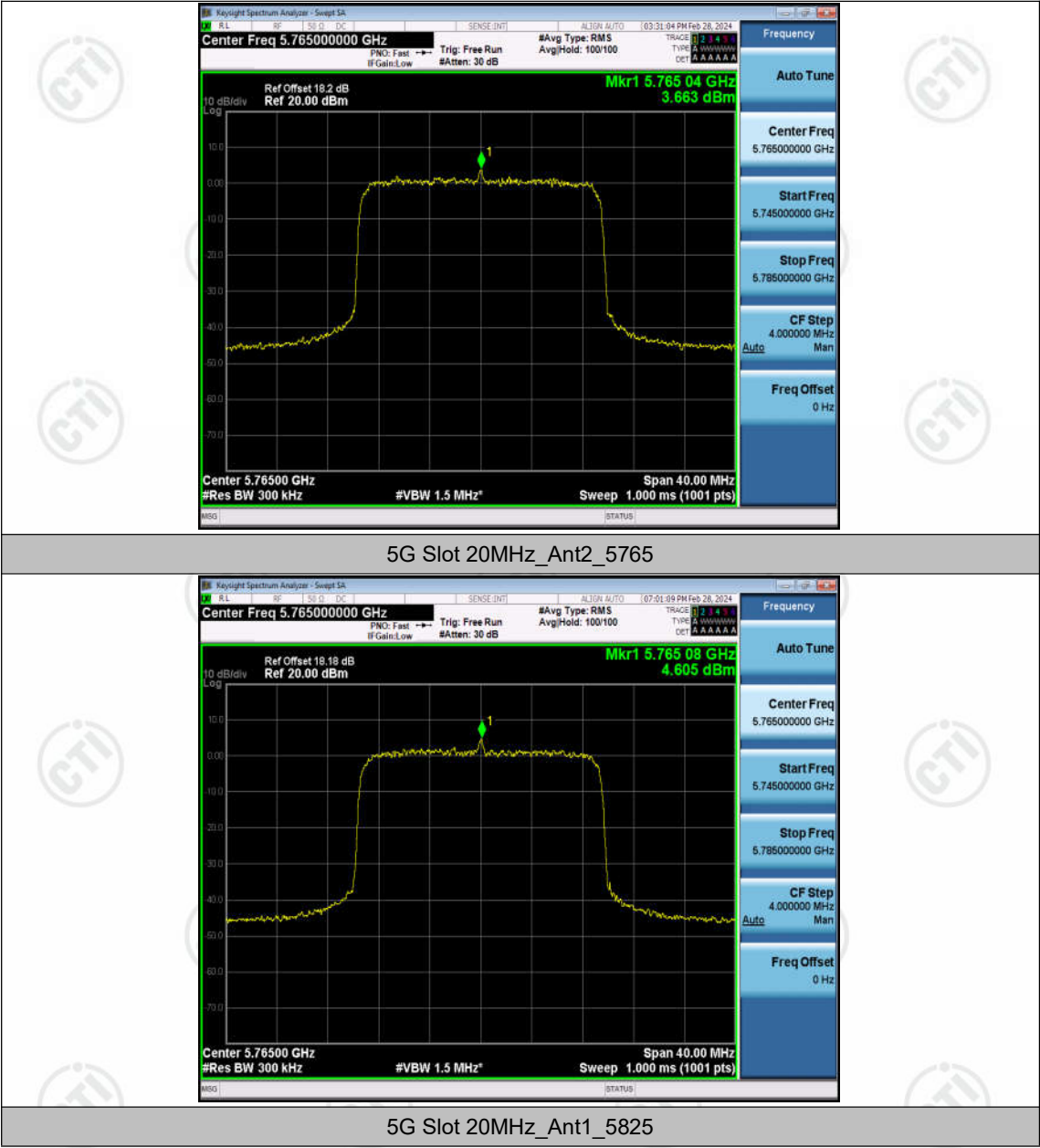
Test Graphs

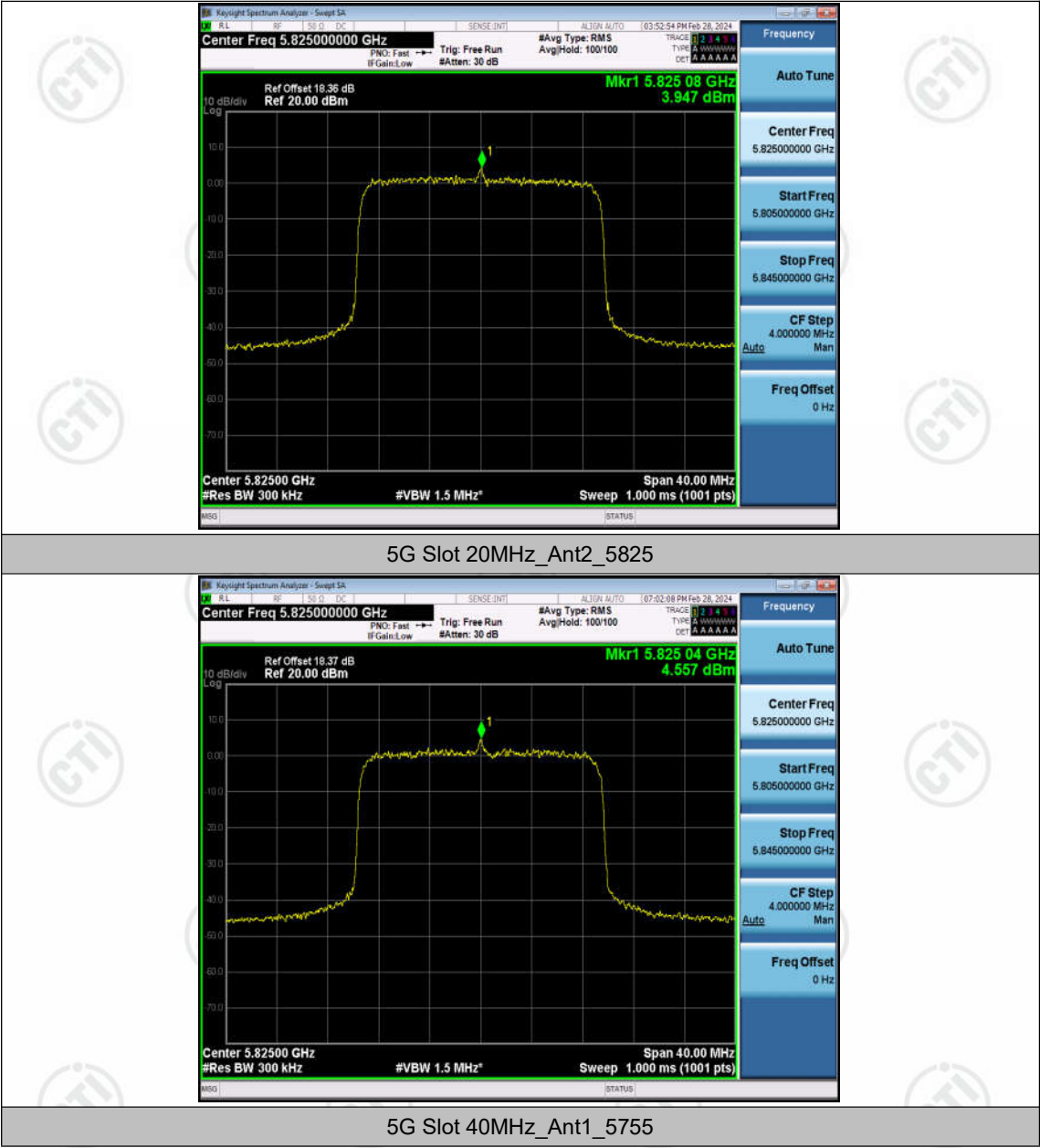


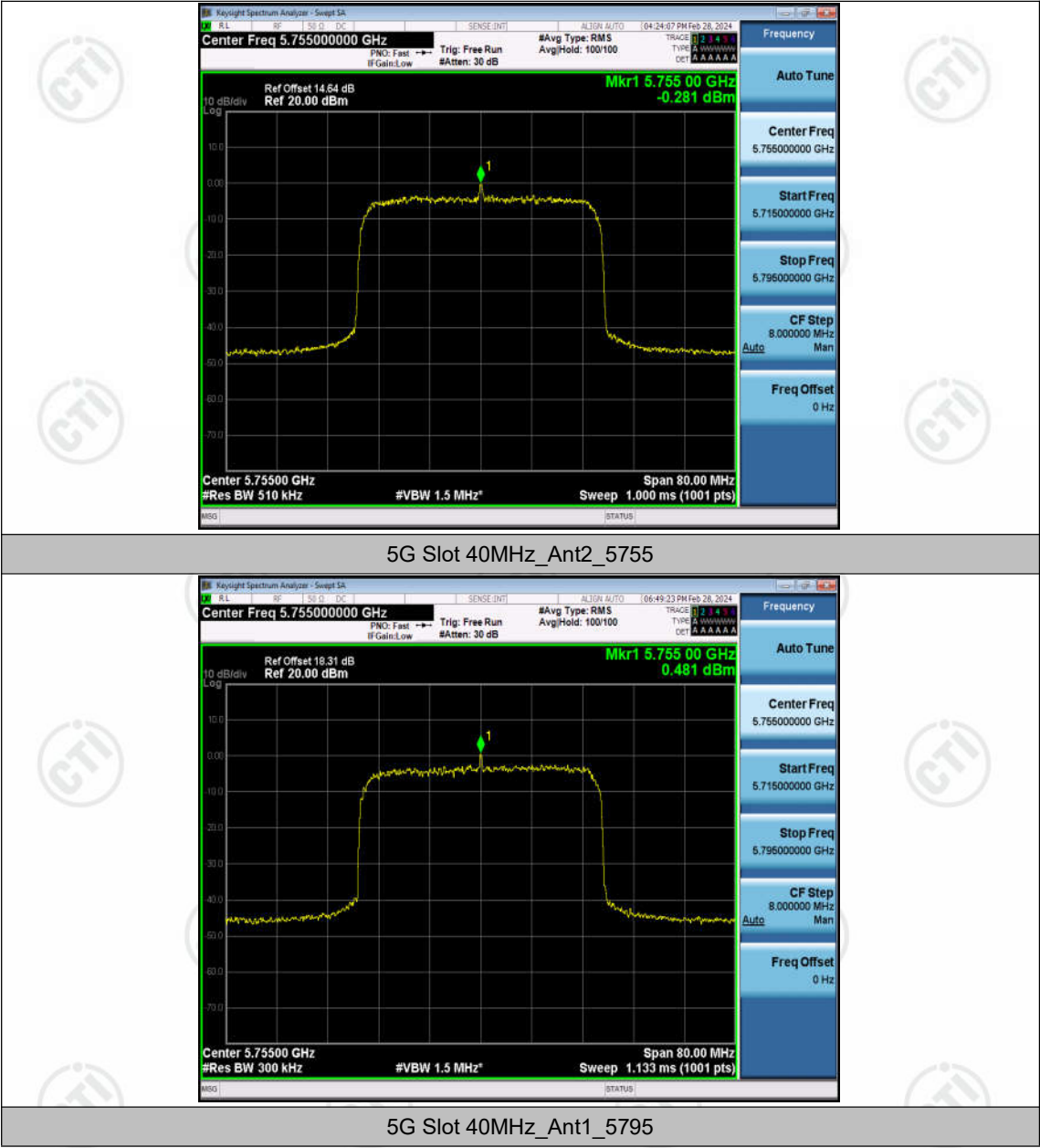


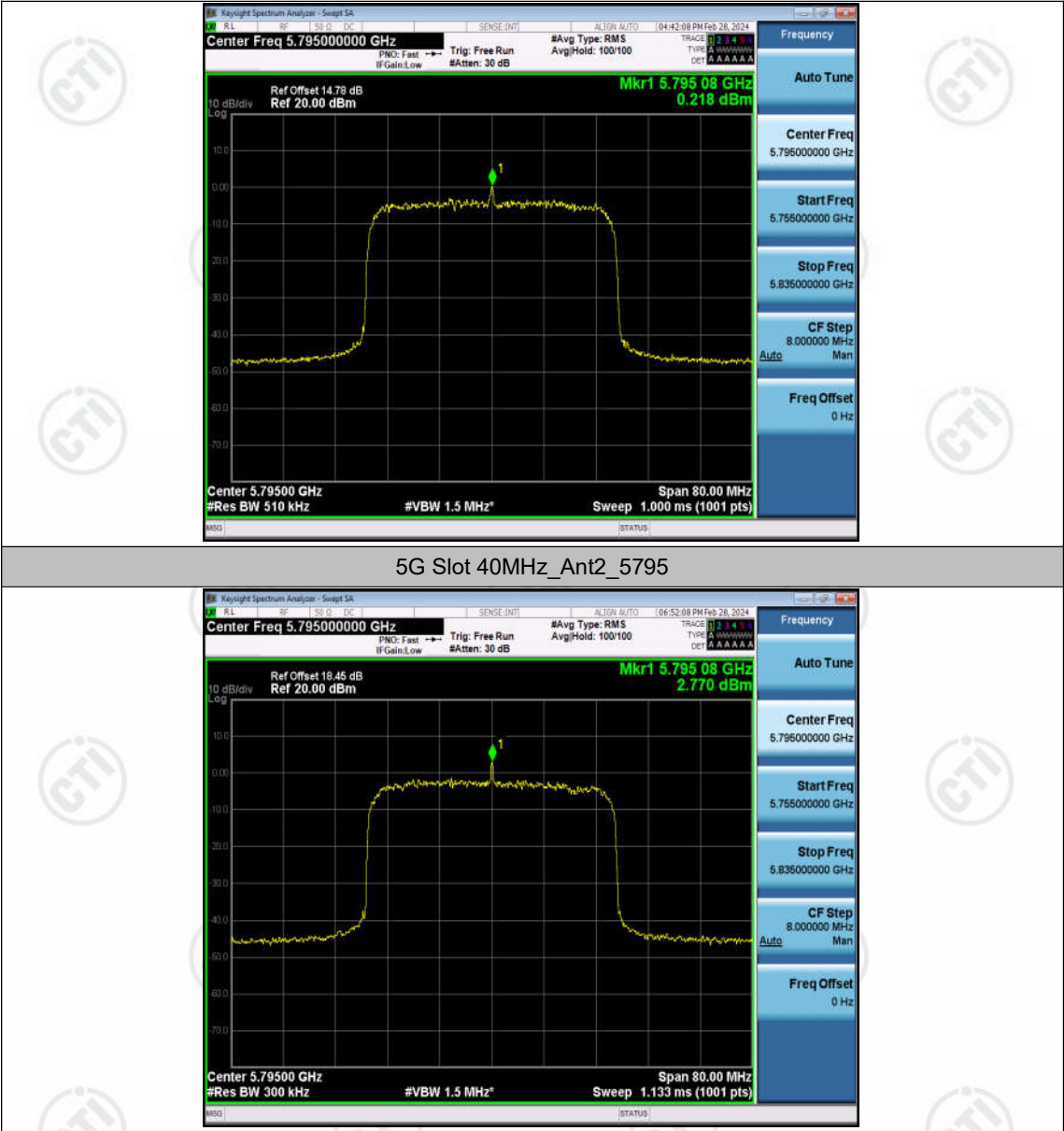












Appendix G: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
5G Slot 10MHz	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5765	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5765	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
5G Slot 20MHz	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5765	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5765	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

5G Slot 40MHz	Ant2	5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
5G Slot 10MHz	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5745	NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant1	5765	NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant1	5765	NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS

			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5765	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5825	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5825	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
5G Slot 20MHz	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

	Ant2	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5765	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5765	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5825	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5825	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS

5G Slot 40MHz			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

Test Graphs

