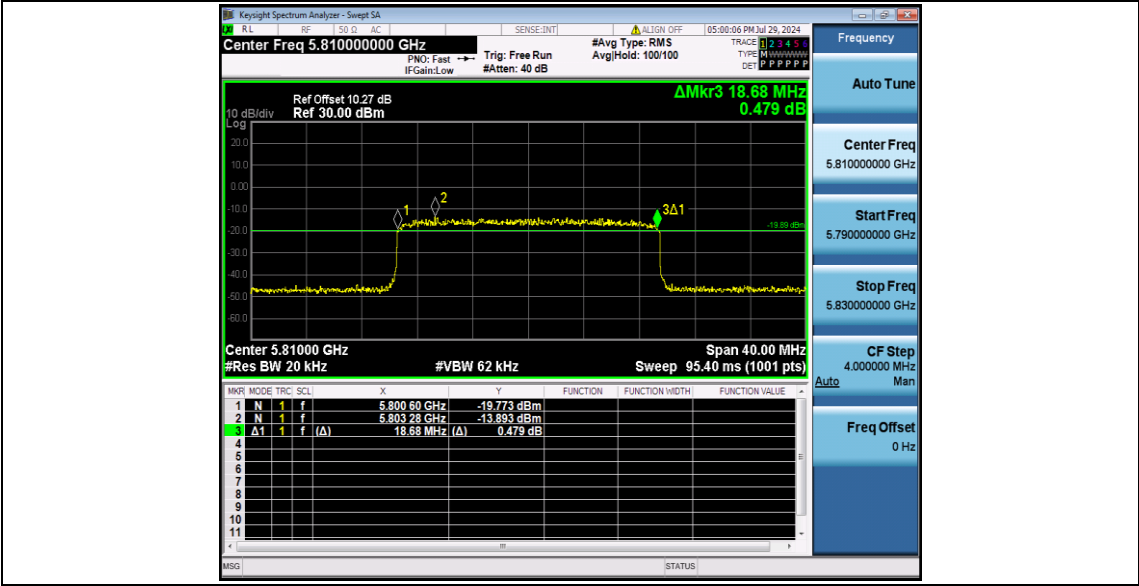


Case No. : <u>CTA24071601002</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2024.7.19</u>	Test Engineer: <u>Lushan Kong</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5744	18.600	5734.680	5753.280	0.5	PASS
		5777	18.240	5767.920	5786.160	0.5	PASS
		5810	18.680	5800.600	5819.280	0.5	PASS



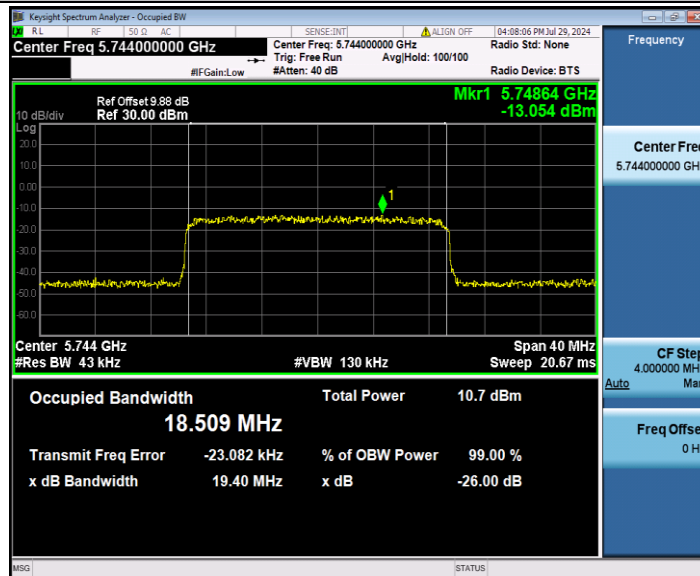
Appendix B.2: Occupied Channel Bandwidth

Test Result

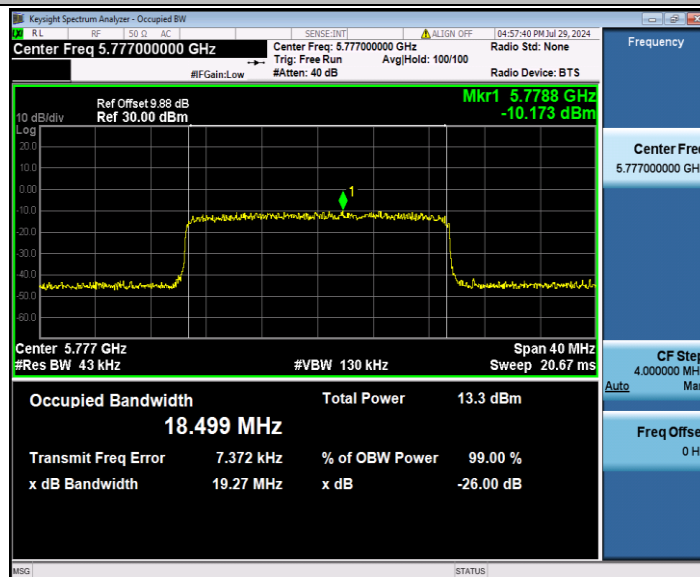
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5744	18.509	5734.7224	5753.2314	---	---
		5777	18.499	5767.7579	5786.2569	---	---
		5810	18.468	5800.7555	5819.2235	---	---

Test Graphs

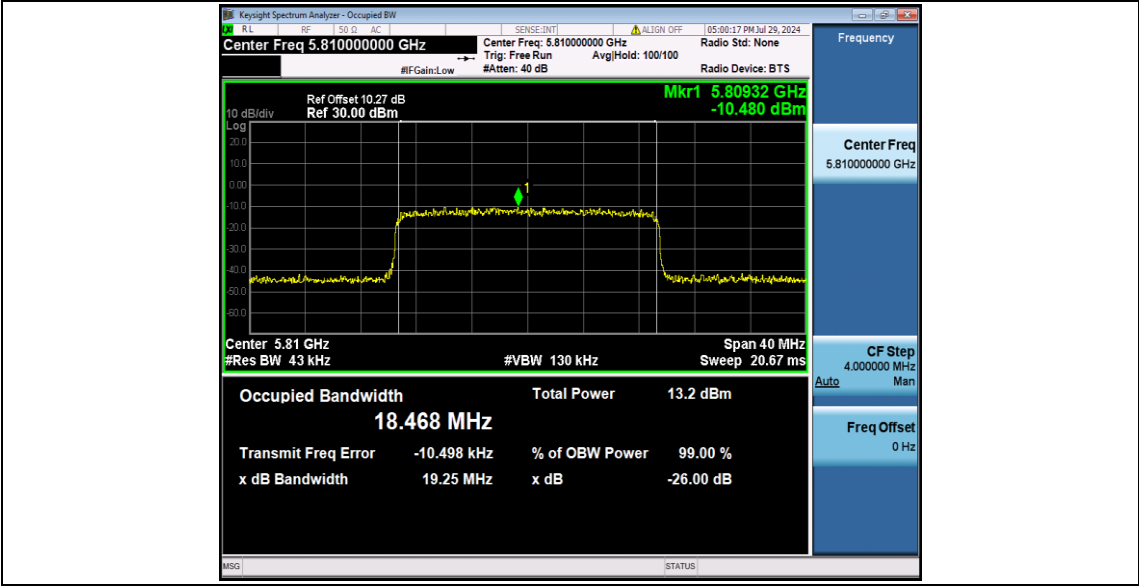
SRD_Ant1_5744



SRD_Ant1_5777



SRD_Ant1_5810



Appendix B.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	5744	5.84	≤30	PASS
		5777	7.44	≤30	PASS
		5810	7.60	≤30	PASS

Appendix B.4: Maximum power spectral density

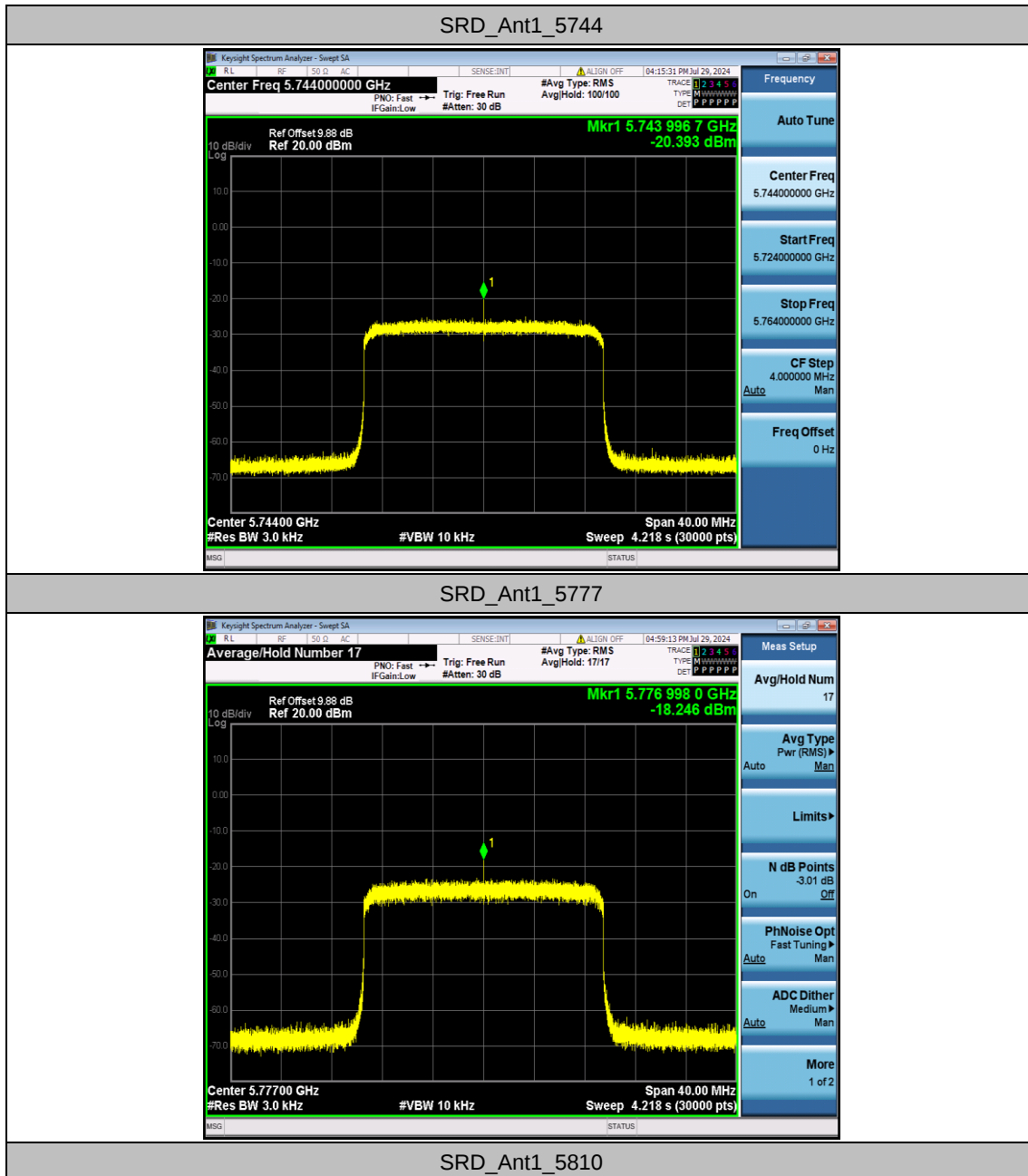
Test Result

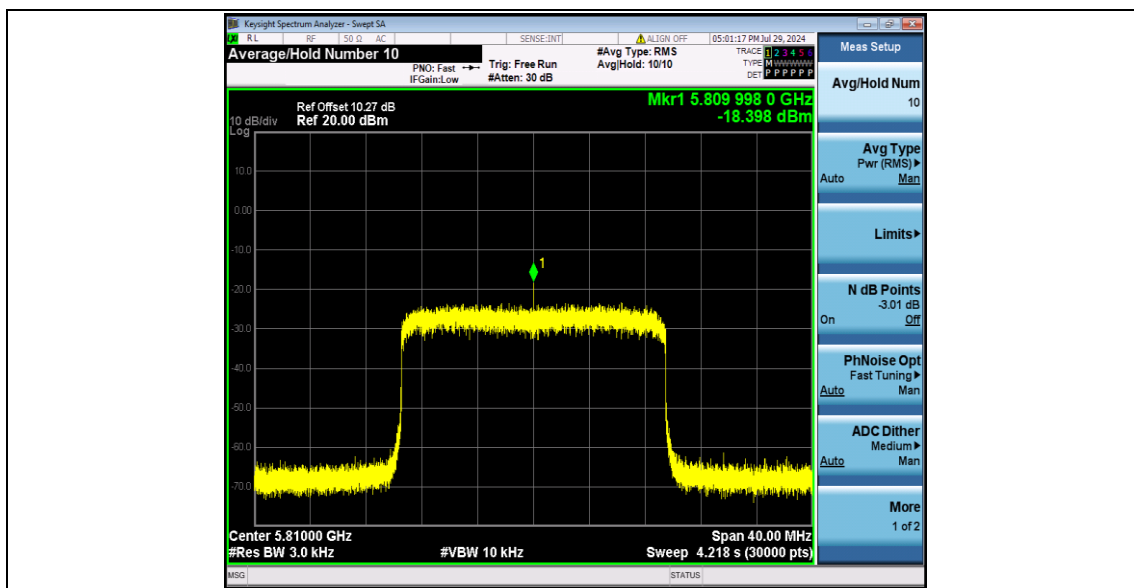
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	5744	-20.39	≤8.00	PASS
		5777	-18.25	≤8.00	PASS
		5810	-18.40	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





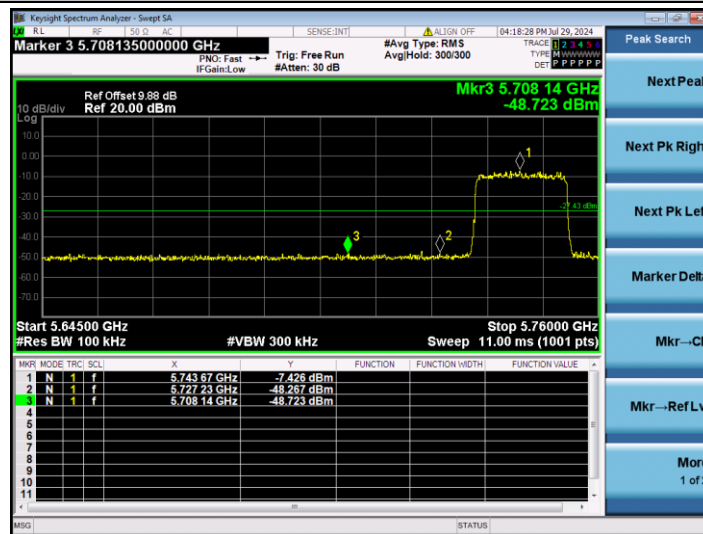
Appendix B.5: Band edge measurements

Test Result

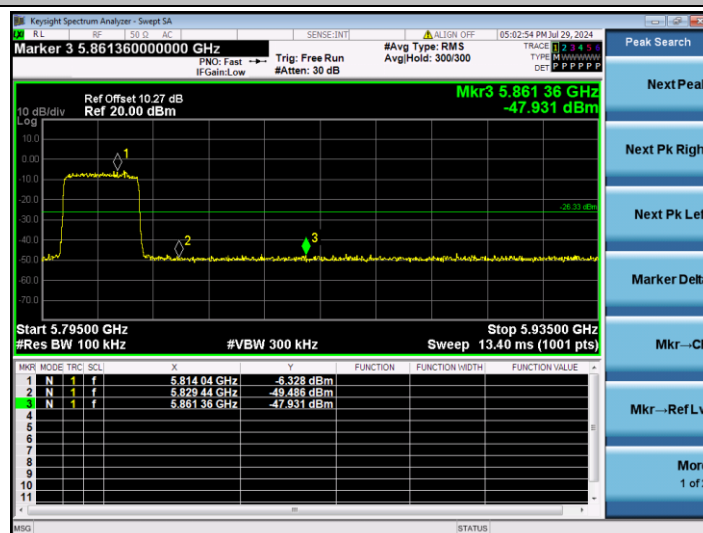
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	5744.0	-7.426	-48.72	$\leq$ -27.43	PASS
		High	5810.0	-6.328	-49.49	$\leq$ -26.33	PASS

Test Graphs

SRD_Ant1_Low_5744.0



SRD_Ant1_High_5810.0

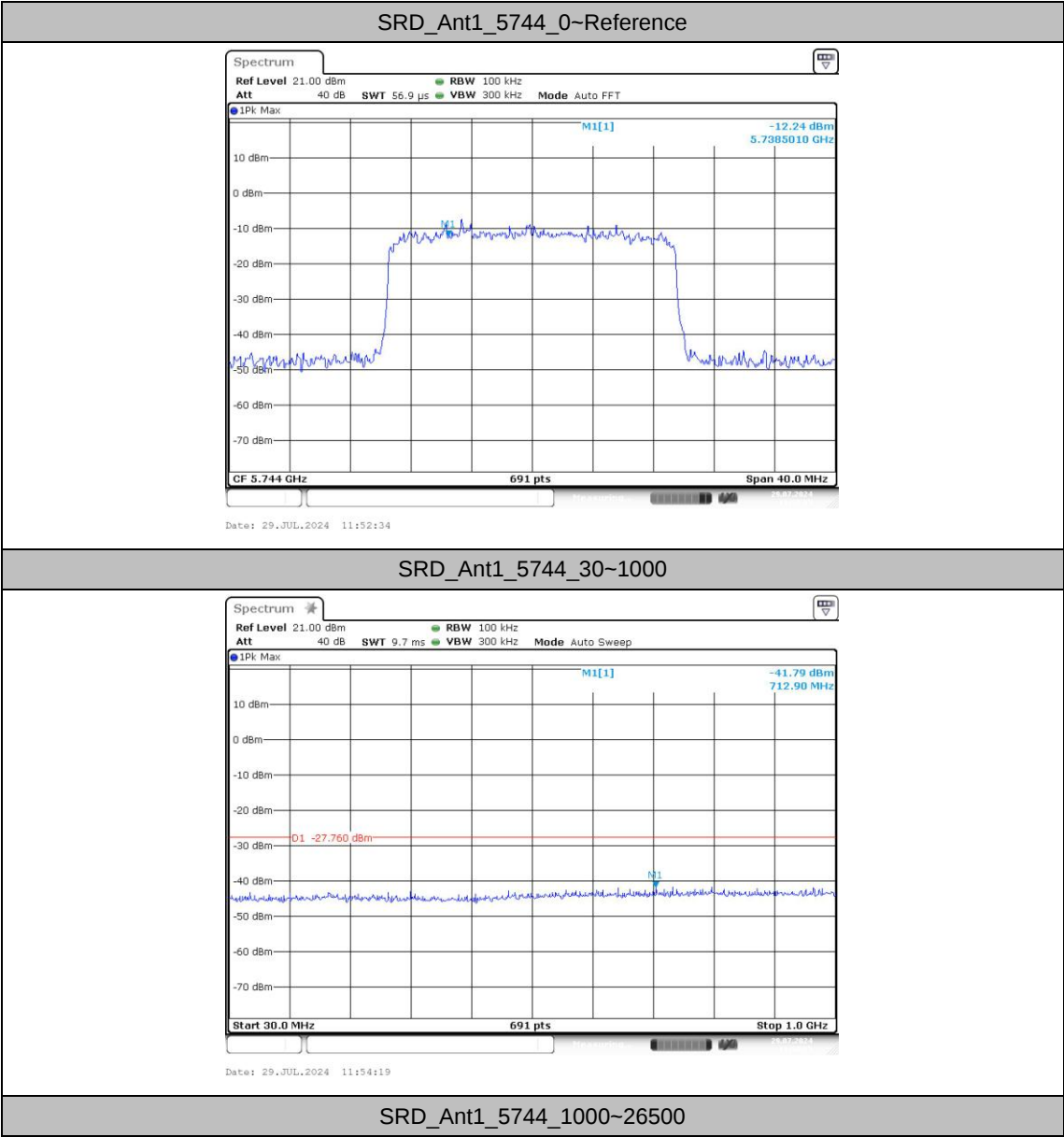


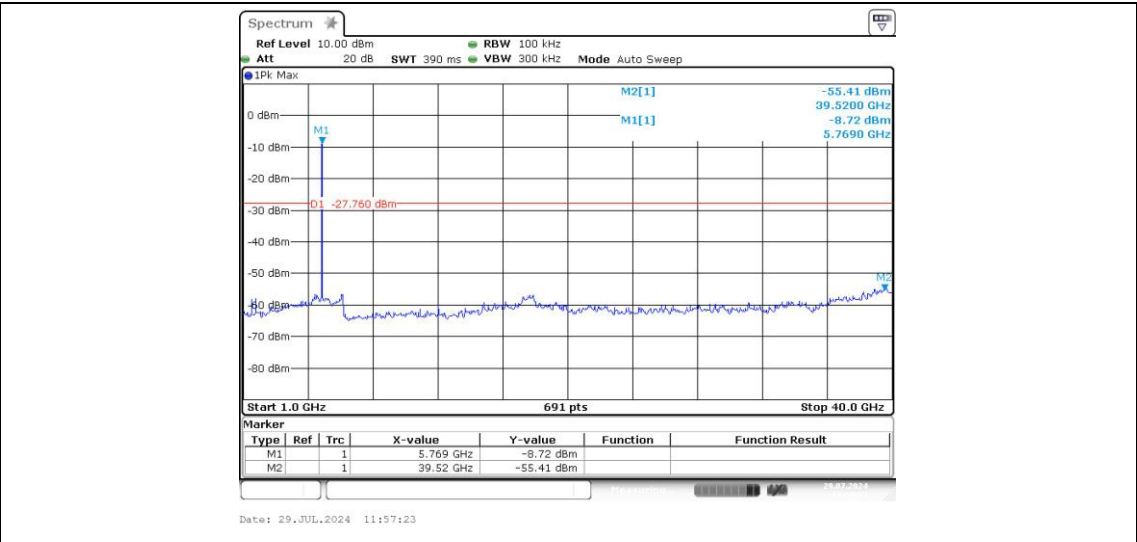
Appendix B.6: Conducted Spurious Emission

Test Result

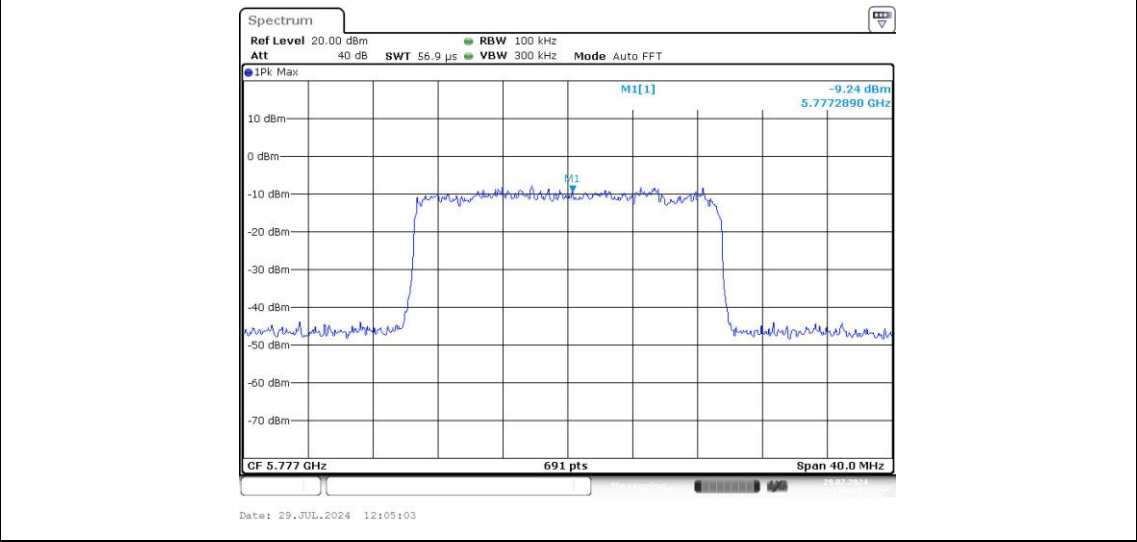
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	5744.0	Reference	-12.24	-12.24	---	PASS
			30~1000	-12.24	-41.79	≤ -32.24	PASS
			1000~26500	-12.24	-55.41	≤ -32.24	PASS
		5777.0	Reference	-9.24	-9.24	---	PASS
			30~1000	-9.24	-41.91	≤ -29.24	PASS
			1000~26500	-9.24	-44.75	≤ -29.24	PASS
		5810.0	Reference	-7.29	-7.29	---	PASS
			30~1000	-7.29	-52.95	≤ -27.29	PASS
			1000~26500	-7.29	-45.37	≤ -27.29	PASS

Test Graphs

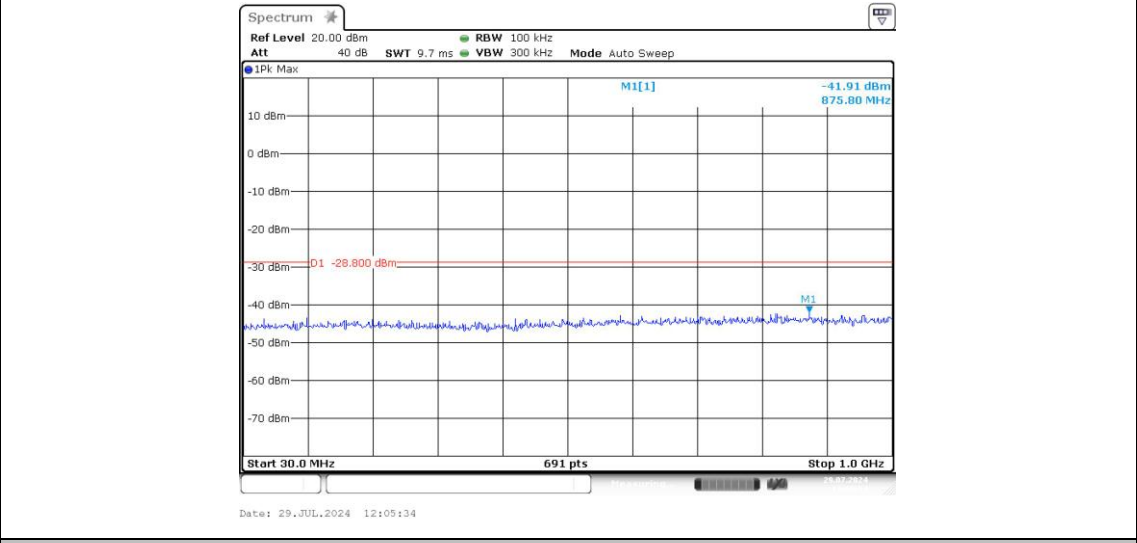




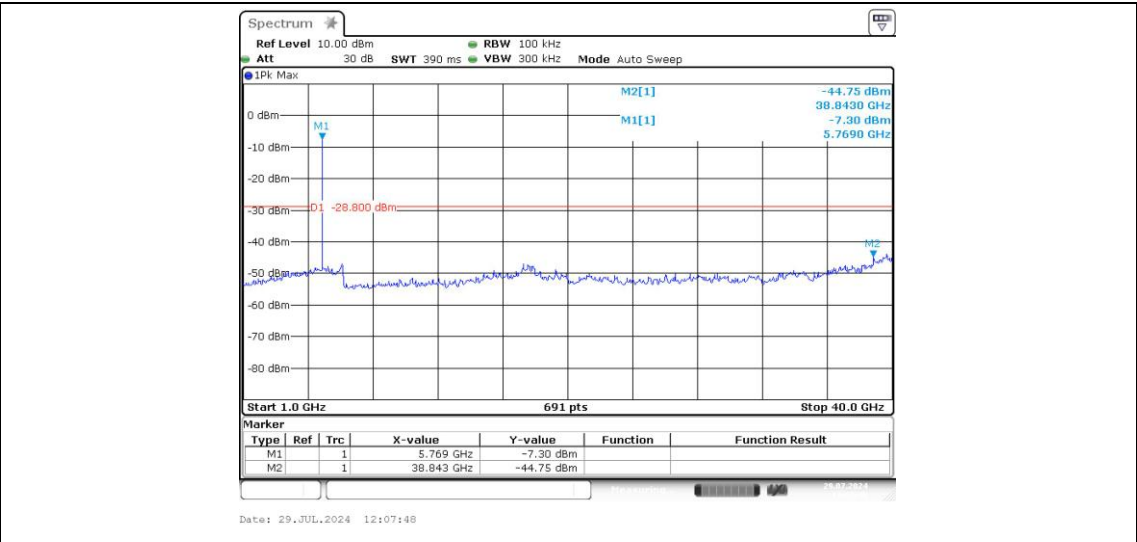
SRD_Ant1_5777_0~Reference



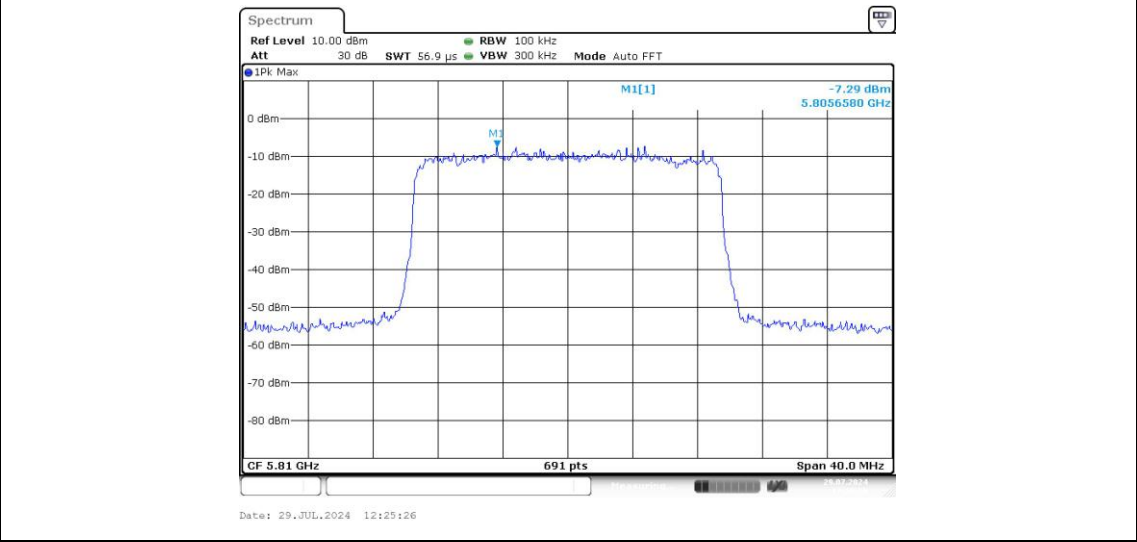
SRD_Ant1_5777_30~1000



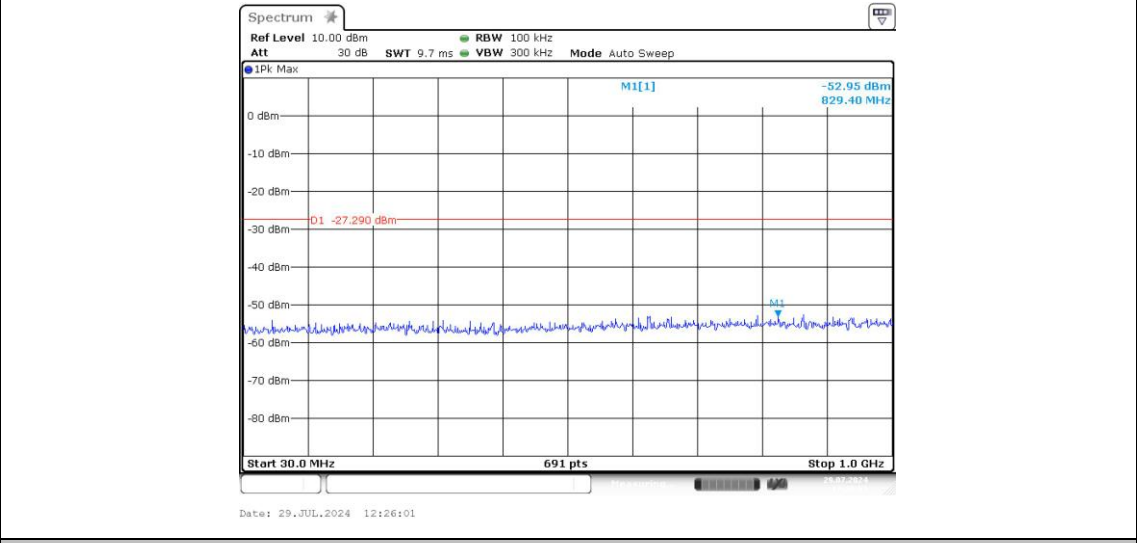
SRD_Ant1_5777_1000~26500



SRD_Ant1_5810_0~Reference



SRD_Ant1_5810_30~1000



SRD_Ant1_5810_1000~26500

