

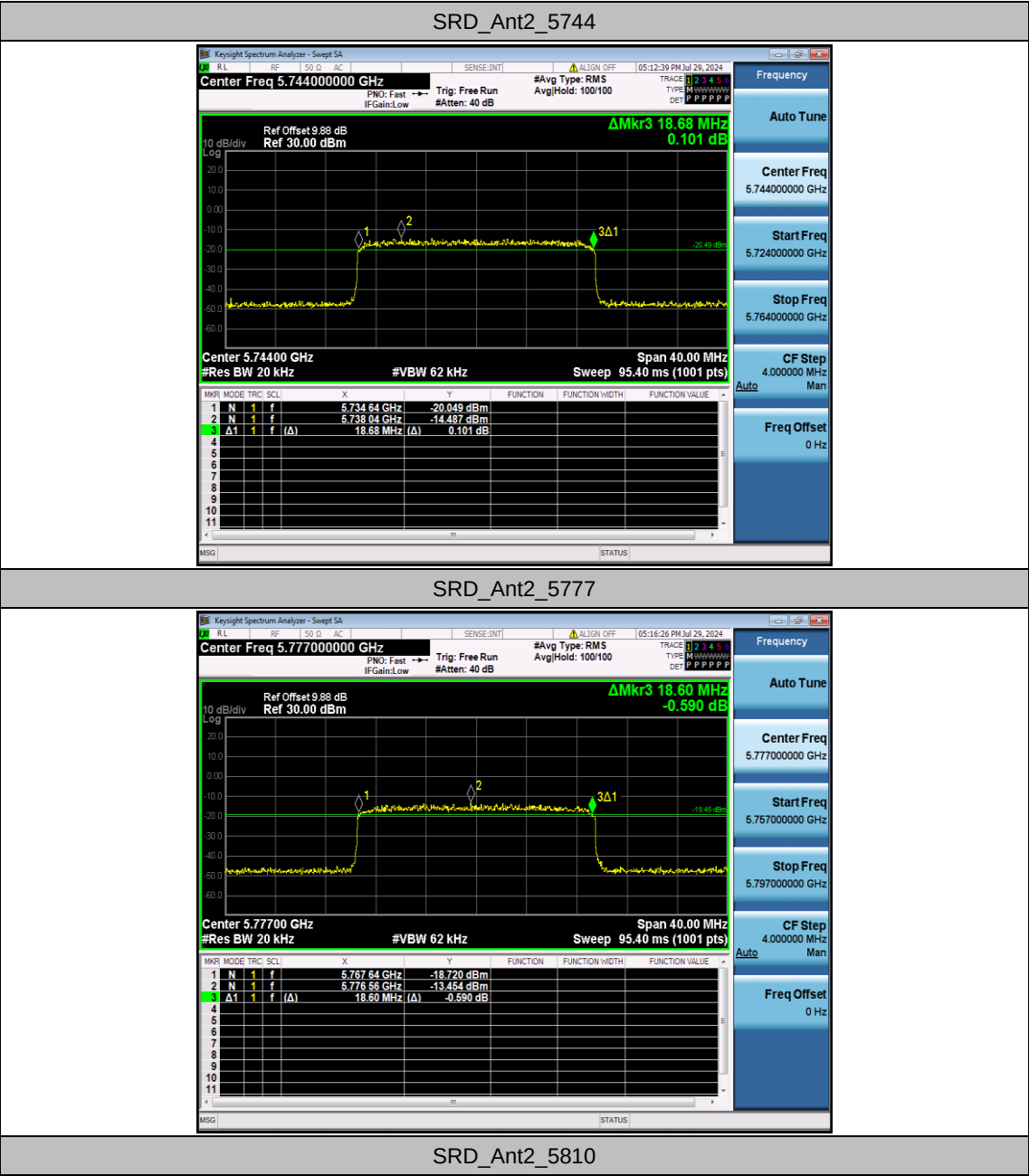
Case No. : <u>CTA24071601002</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2024.7.19</u>	Test Engineer: <u>Evan ouyang</u>

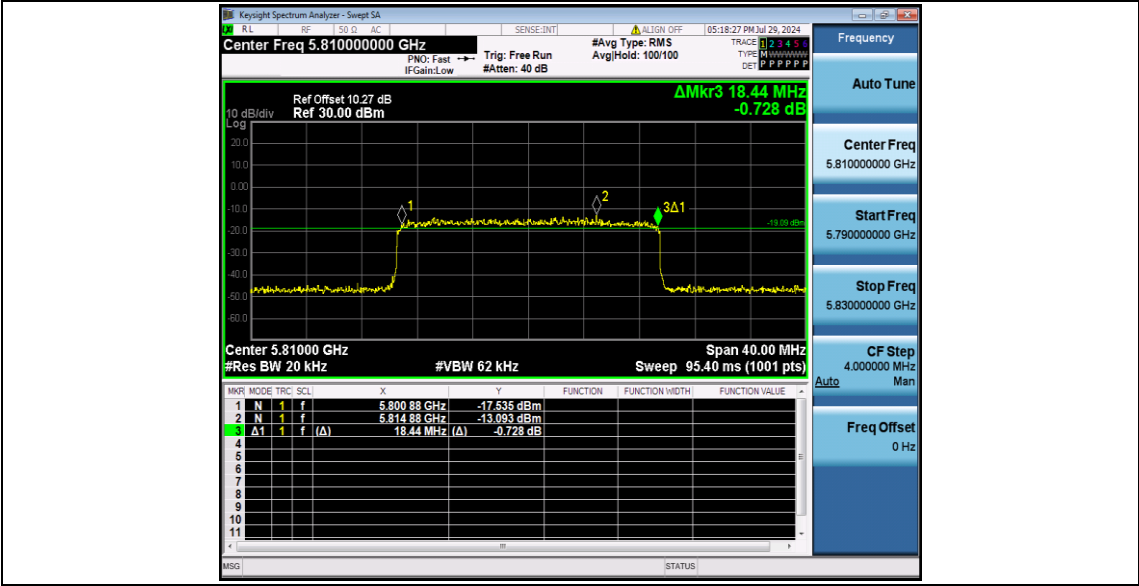
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	5744	18.680	5734.640	5753.320	0.5	PASS
		5777	18.600	5767.640	5786.240	0.5	PASS
		5810	18.440	5800.880	5819.320	0.5	PASS

Test Graphs



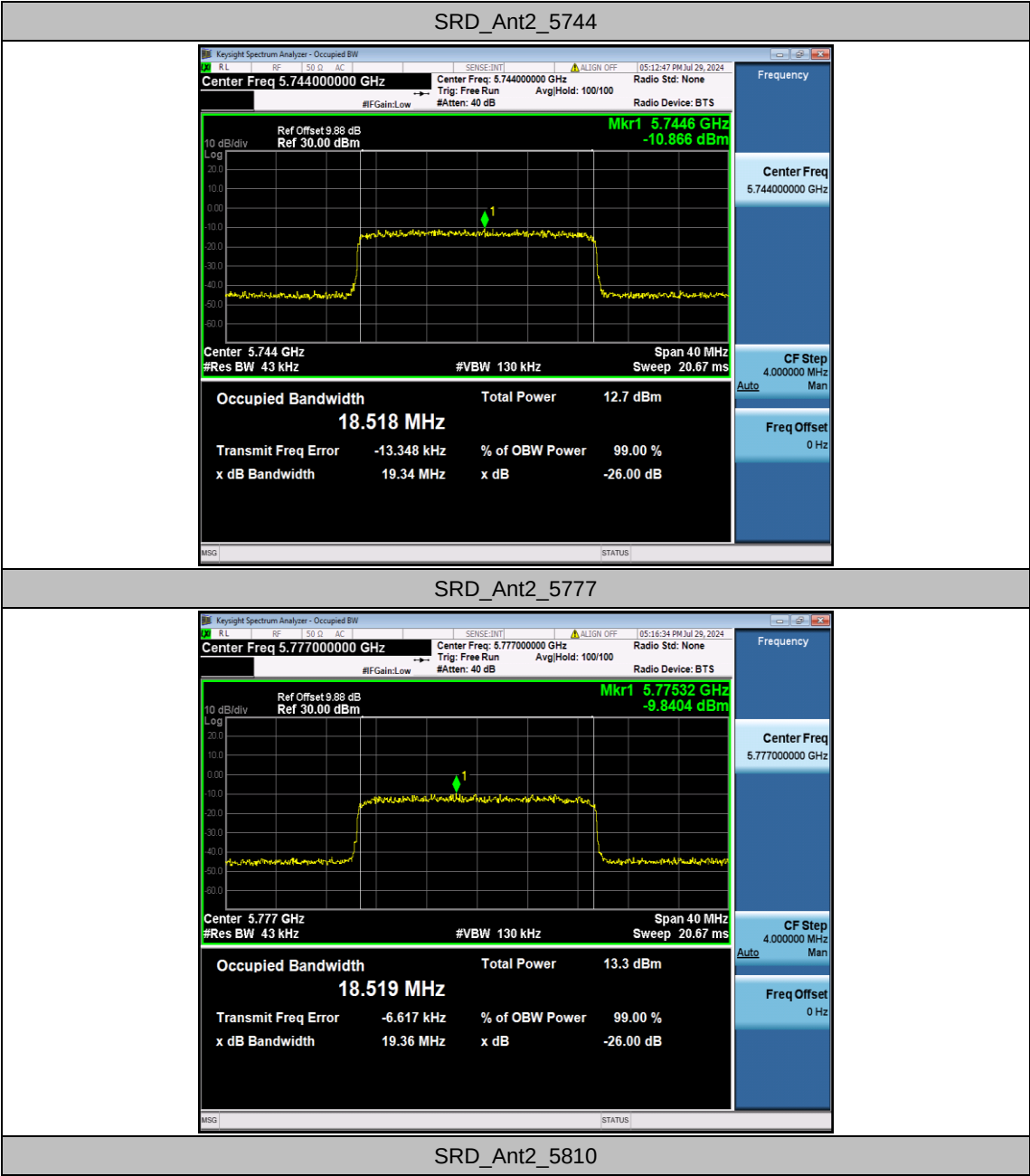


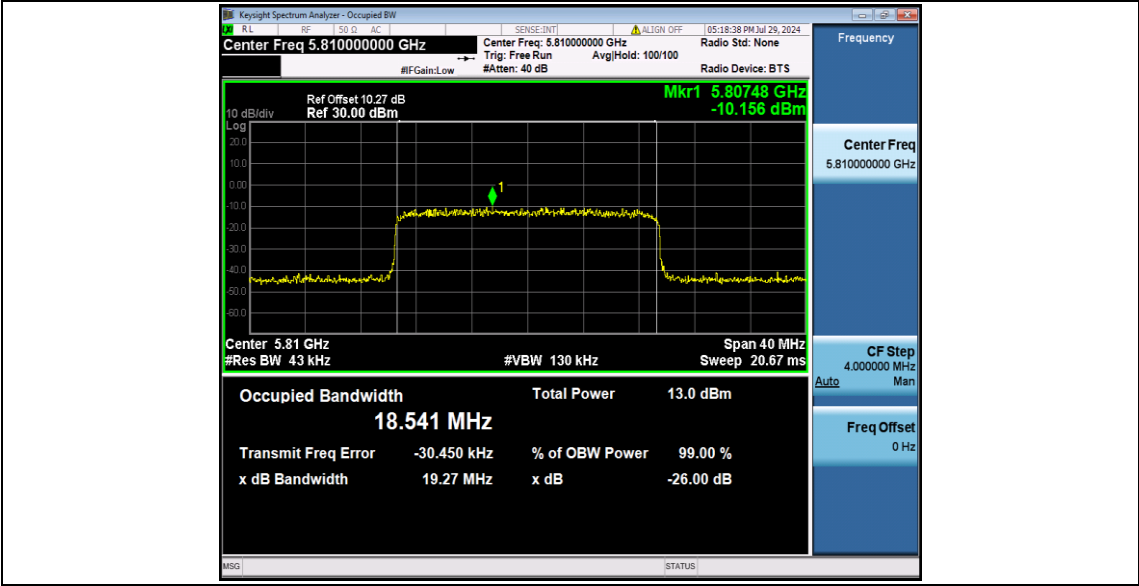
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	5744	18.518	5734.7277	5753.2457	---	---
		5777	18.519	5767.7339	5786.2529	---	---
		5810	18.541	5800.6991	5819.2401	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant2	5744	7.47	≤30	PASS
		5777	7.45	≤30	PASS
		5810	6.84	≤30	PASS

Appendix B.4: Maximum power spectral density

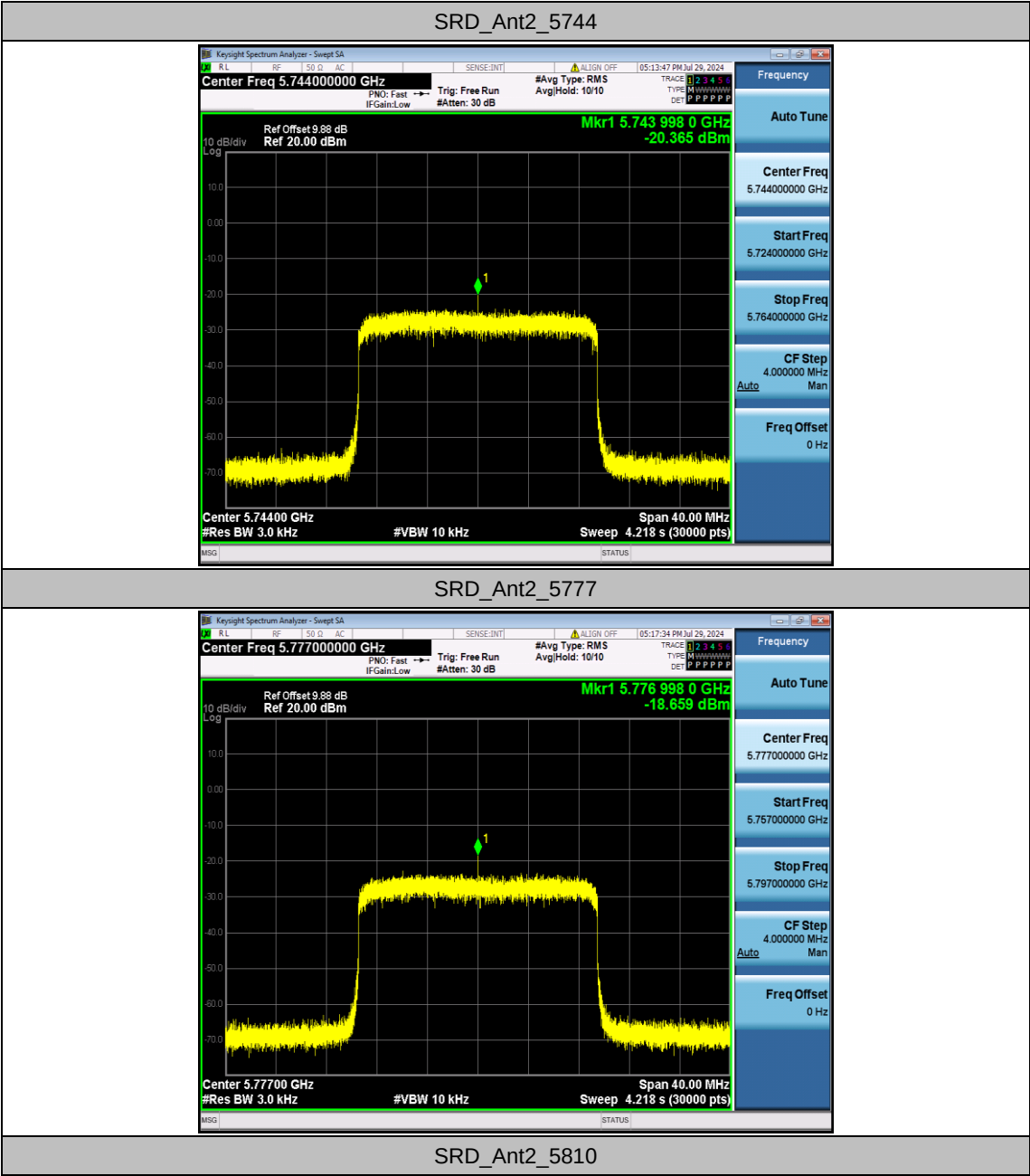
Test Result

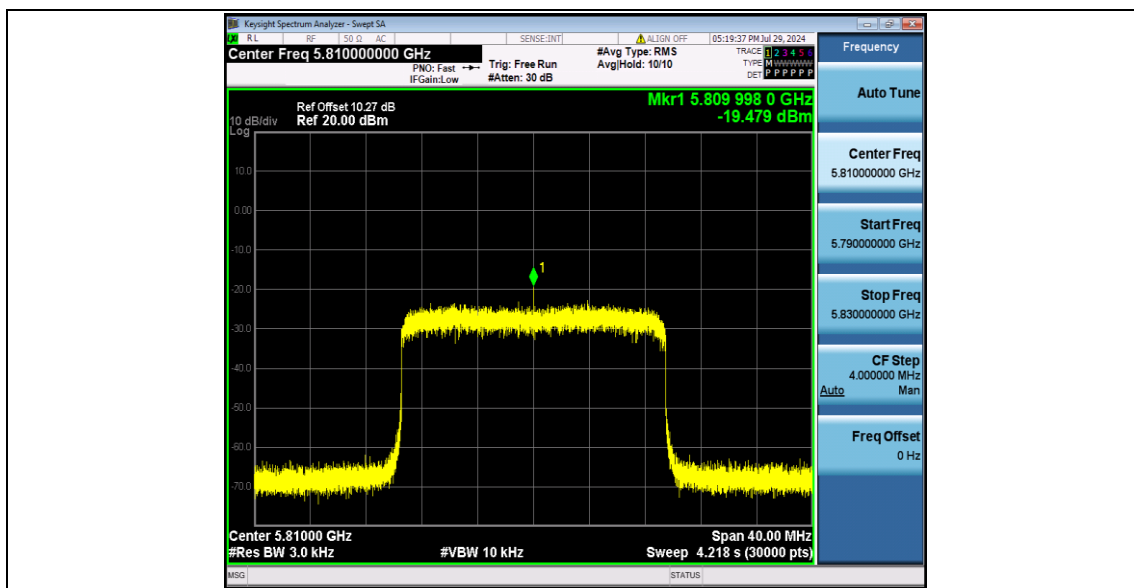
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant2	5744	-20.37	≤8.00	PASS
		5777	-18.66	≤8.00	PASS
		5810	-19.48	≤8.00	PASS

Note:

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

Test Graphs





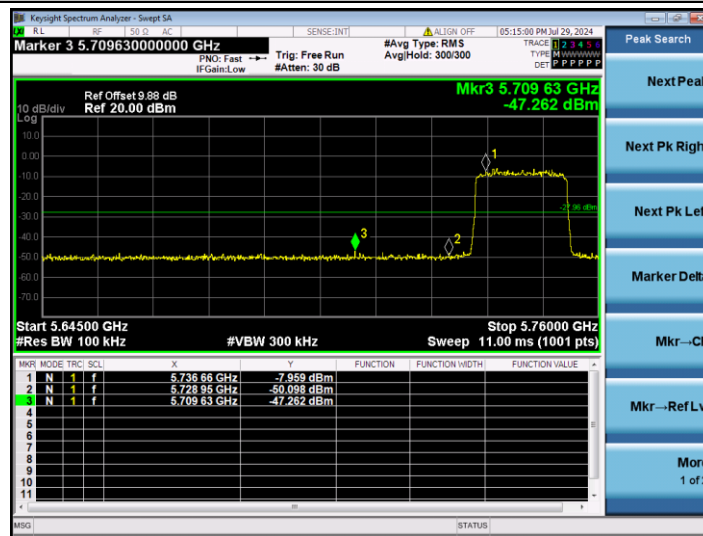
Appendix B.5: Band edge measurements

Test Result

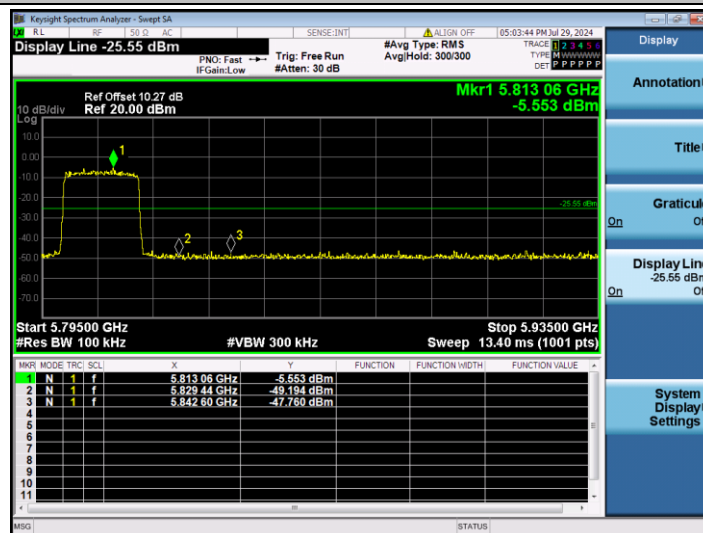
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant2	Low	5744.0	-7.959	-50.098	$\leq$ -27.96	PASS
		High	5810.0	-5.553	-49.194	$\leq$ -25.55	PASS

Test Graphs

SRD_Ant2_Low_5744.0



SRD_Ant2_High_5810.0

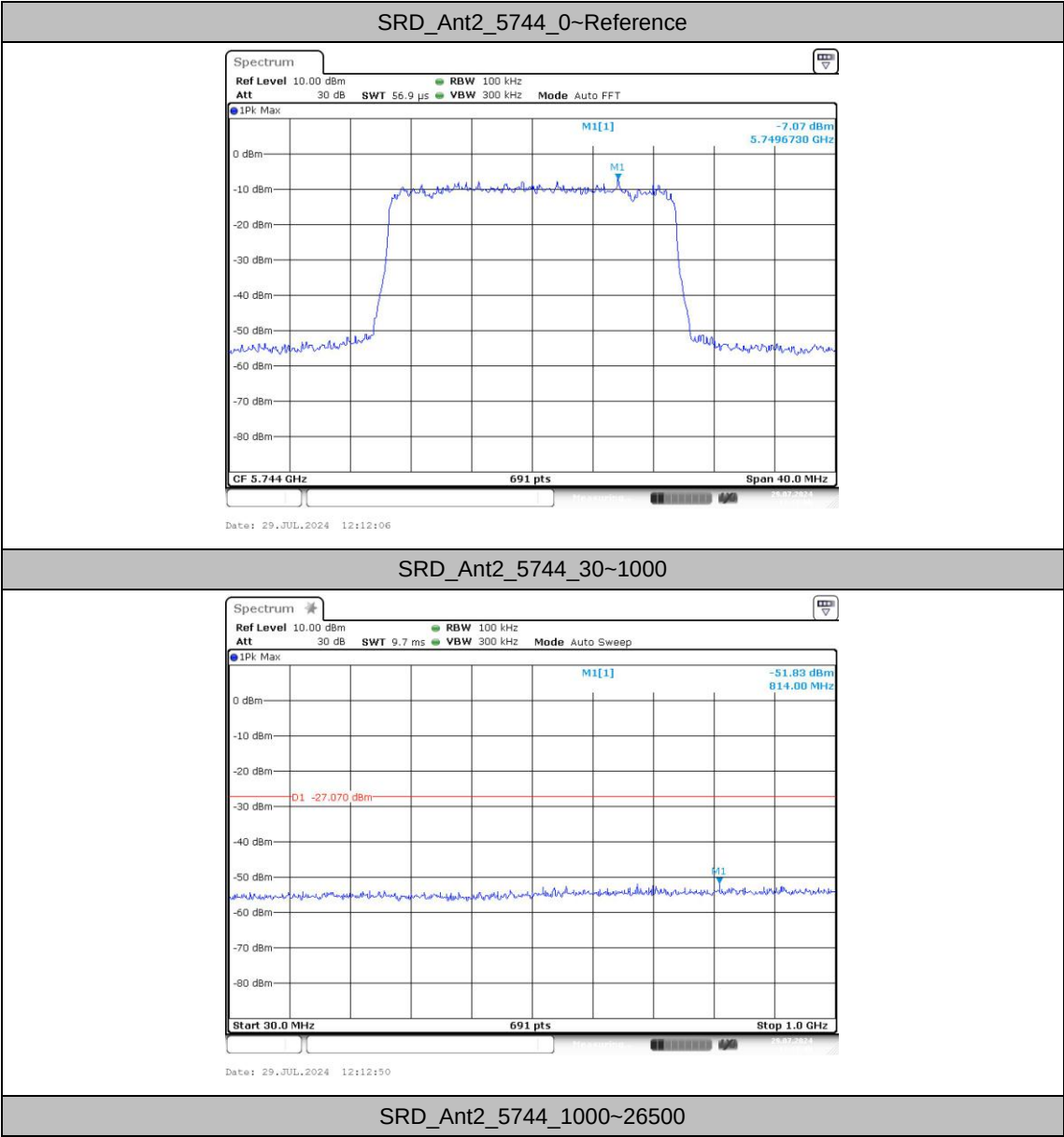


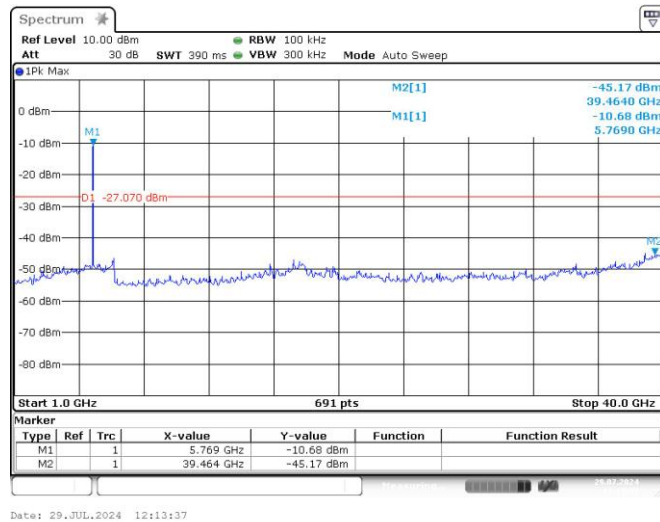
Appendix B.6: Conducted Spurious Emission

Test Result

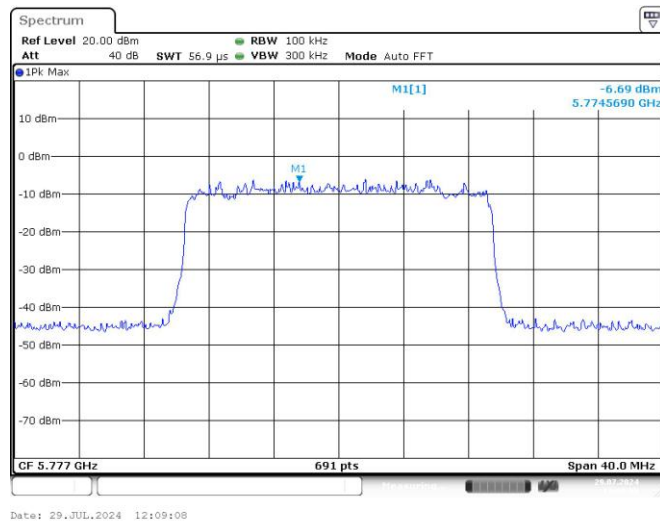
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant2	5744.0	Reference	-7.07	-7.07	---	PASS
			30~1000	-7.07	-51.83	$\leq$ -27.07	PASS
			1000~26500	-7.07	-45.17	$\leq$ -27.07	PASS
		5777.0	Reference	-6.69	-6.69	---	PASS
			30~1000	-6.69	-41.18	$\leq$ -26.69	PASS
			1000~26500	-6.69	-44.49	$\leq$ -26.69	PASS
		5810.0	Reference	-7.01	-7.01	---	PASS
			30~1000	-7.01	-52.09	$\leq$ -27.01	PASS
			1000~26500	-7.01	-45.06	$\leq$ -27.01	PASS

Test Graphs

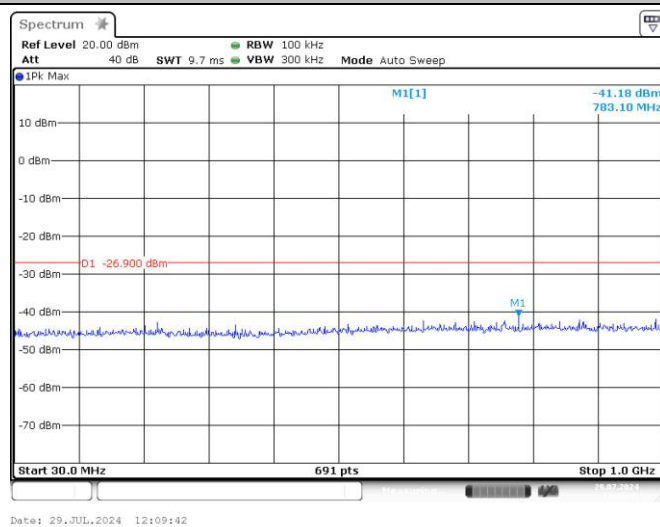




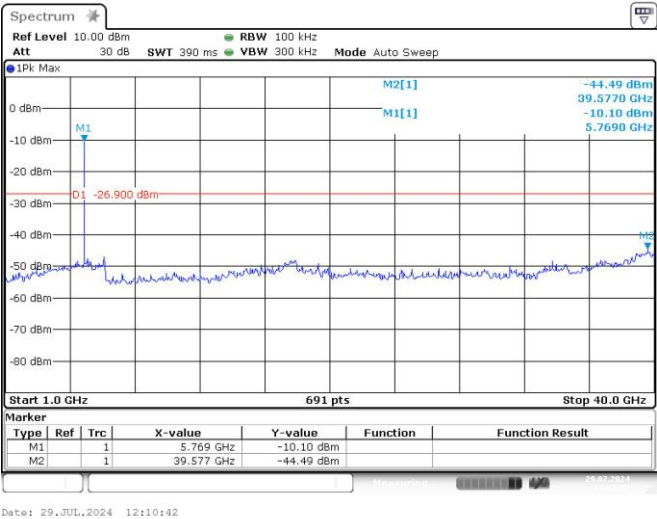
SRD_Ant2_5777_0~Reference



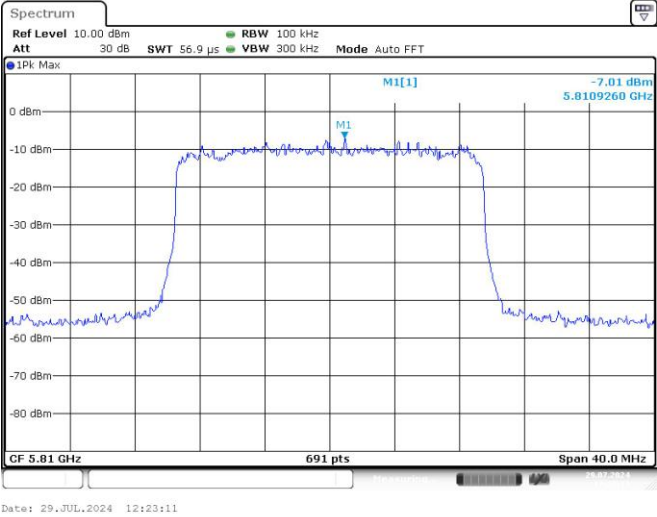
SRD_Ant2_5777_30~1000



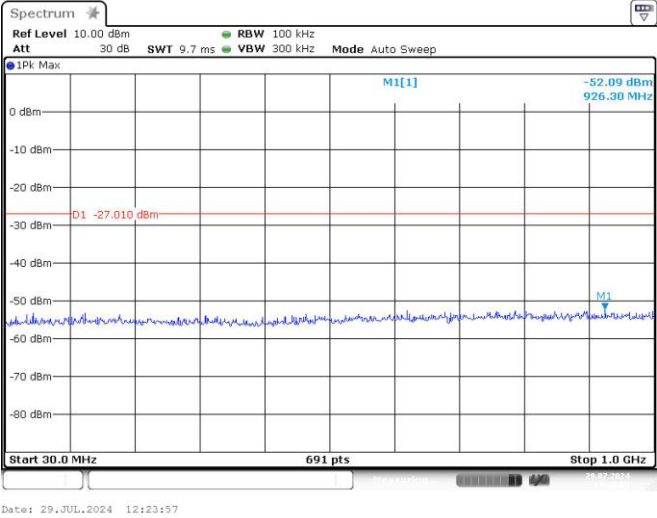
SRD_Ant2_5777_1000~26500



SRD_Ant2_5810_0~Reference



SRD_Ant2_5810_30~1000



SRD_Ant2_5810_1000~26500

