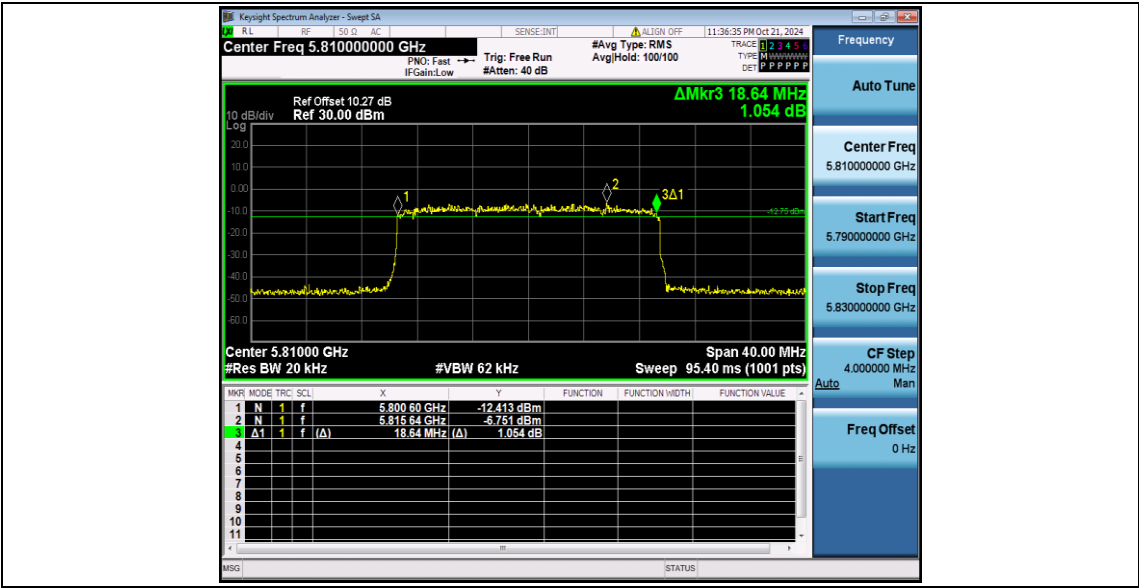


Case No. : <u>GTS20240521003-1-15</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2024.11.26</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	5744	18.320	5734.960	5753.280	0.5	PASS
		5777	18.680	5767.640	5786.320	0.5	PASS
		5810	18.640	5800.600	5819.240	0.5	PASS



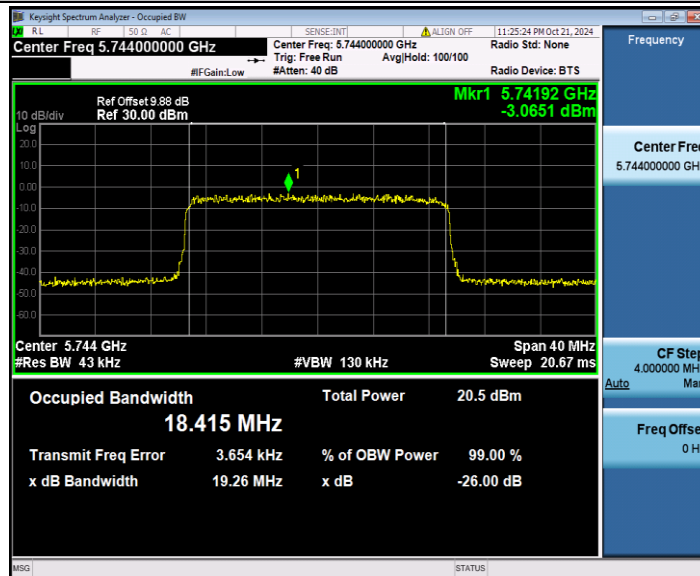
Appendix B.2: Occupied Channel Bandwidth

Test Result

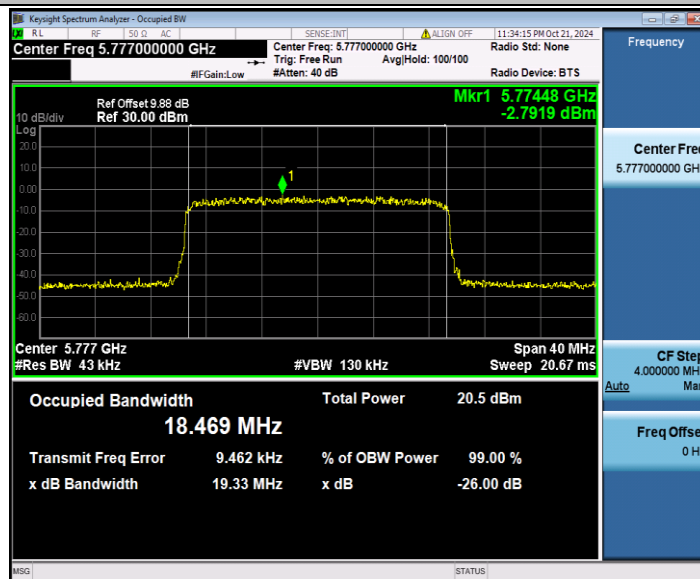
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	5744	18.415	5734.7962	5753.2112	---	---
		5777	18.469	5767.7750	5786.2440	---	---
		5810	18.471	5800.7469	5819.2179	---	---

Test Graphs

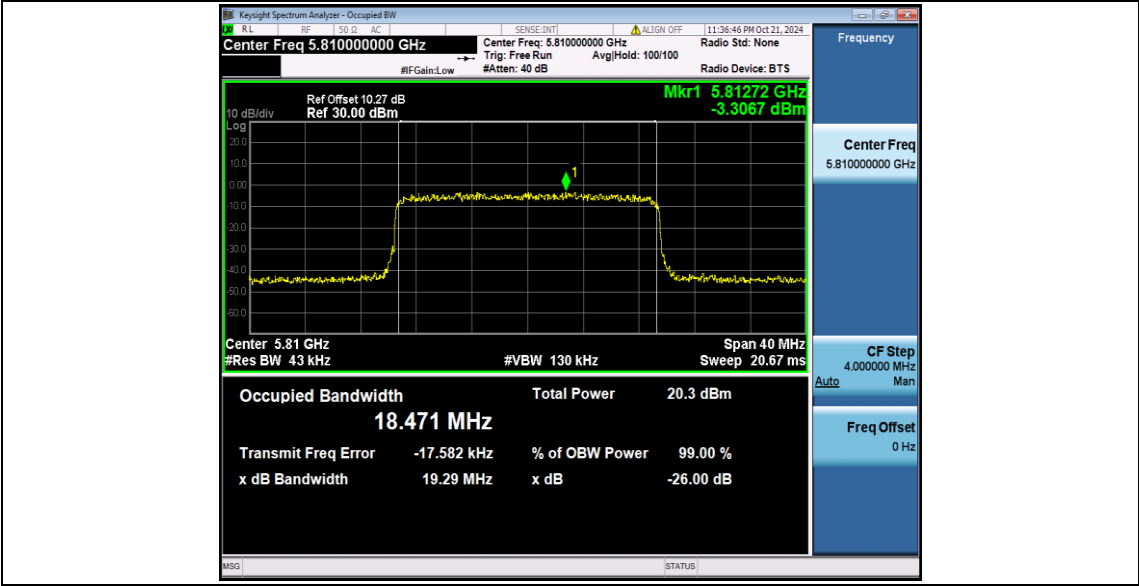
SRD_Ant2_5744



SRD_Ant2_5777



SRD_Ant2_5810



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	14.88	≤30	PASS
		5777	14.71	≤30	PASS
		5810	15.29	≤30	PASS

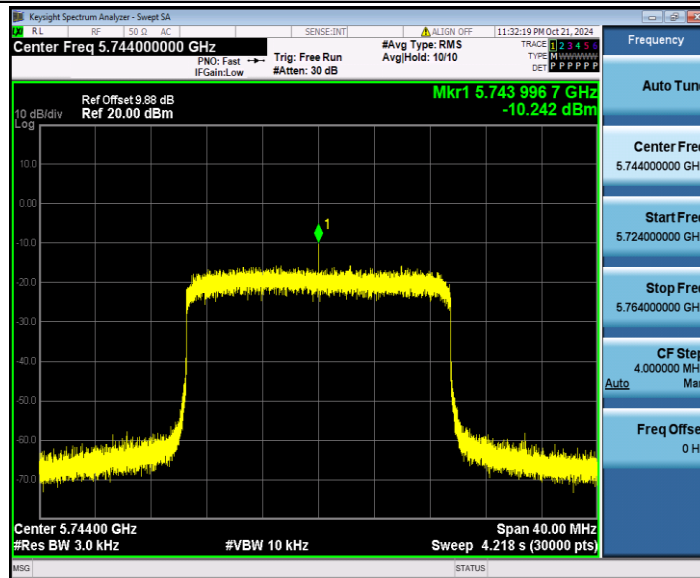
Appendix B.4: Maximum power spectral density

Test Result

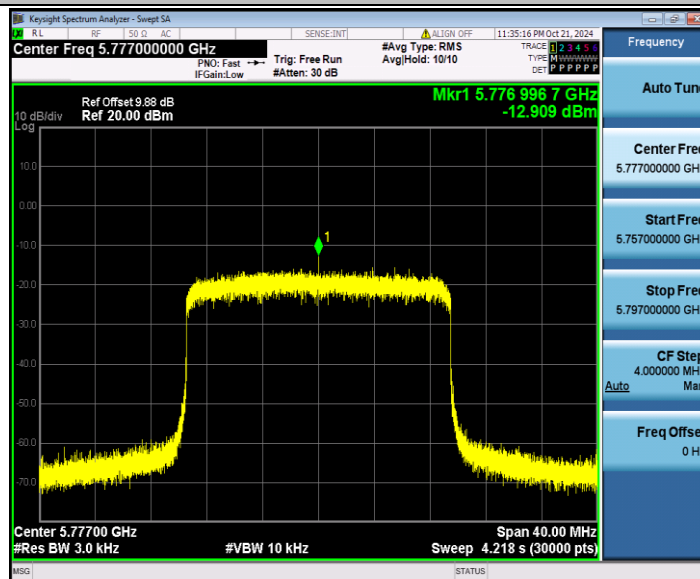
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant2	5744	-10.24	≤30.00	PASS
		5777	-12.91	≤30.00	PASS
		5810	-14.32	≤30.00	PASS

Test Graphs

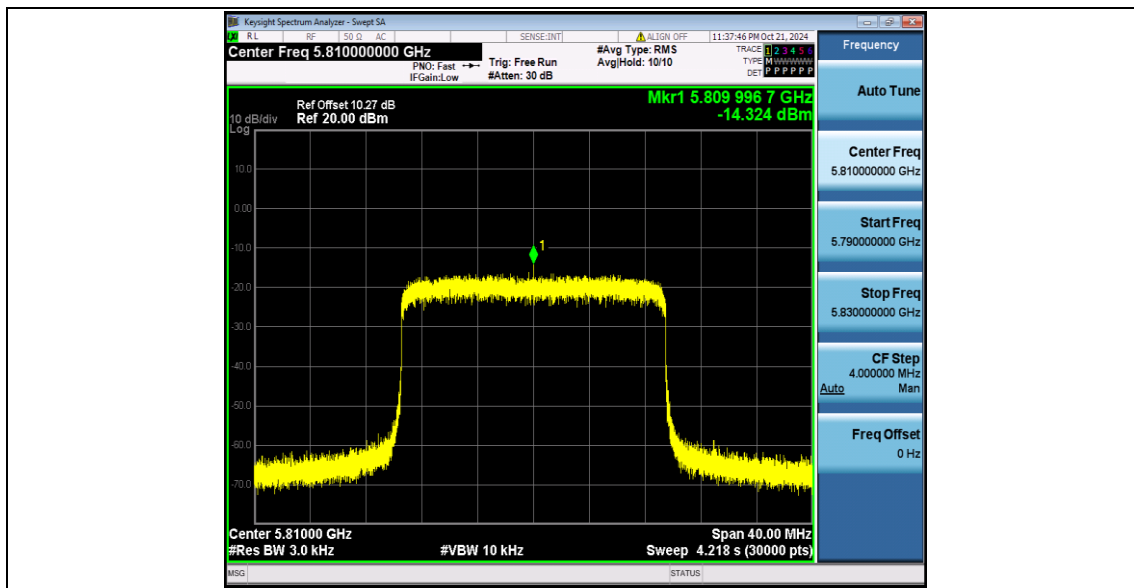
SRD_Ant2_5744



SRD_Ant2_5777



SRD_Ant2_5810

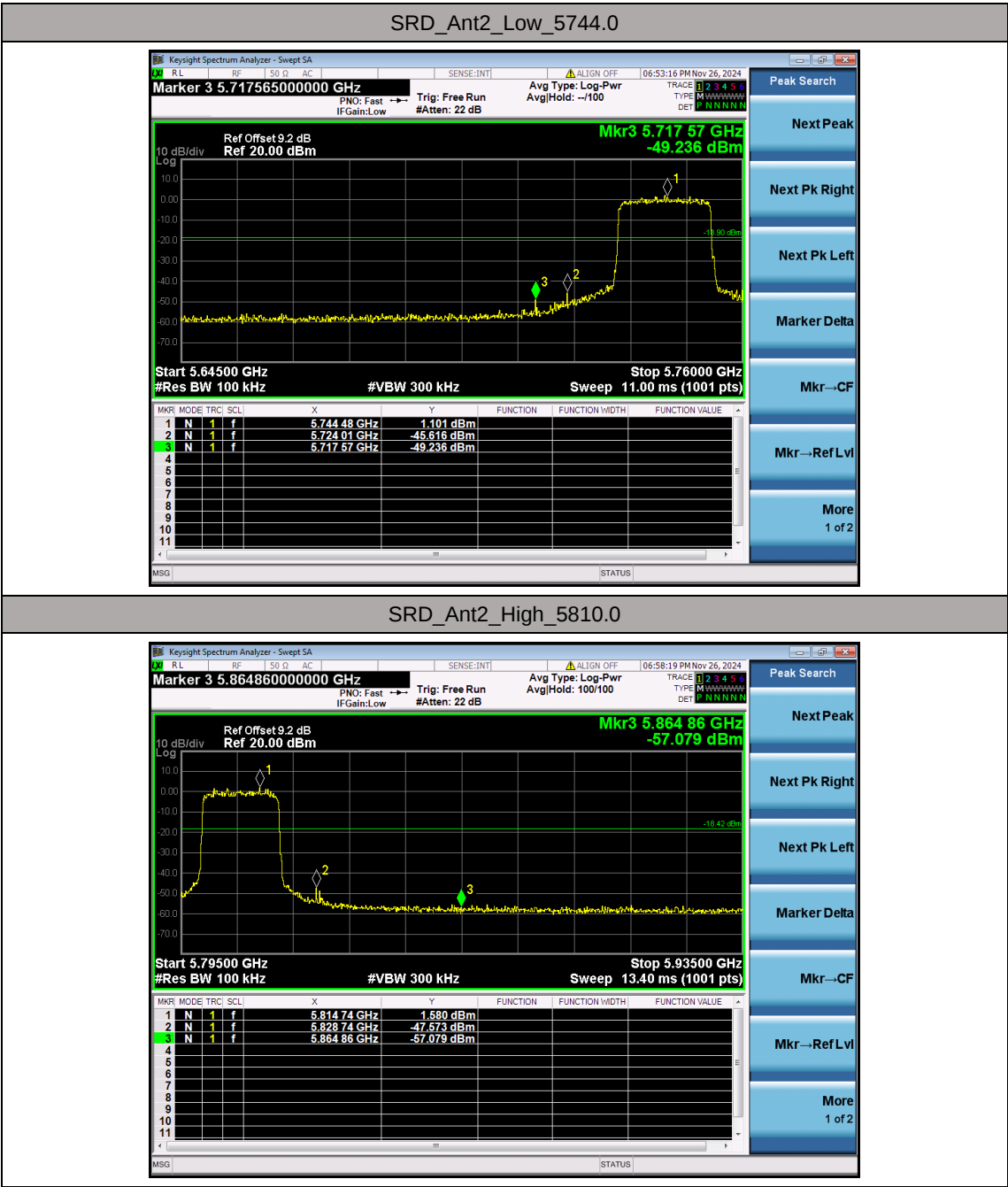


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency(MHz)	RefLevel[dB]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant2	Low	5744.0	1.101	-49.24	≤-18.90	PASS
		High	5810.0	1.580	-57.08	≤-18.42	PASS

Test Graphs

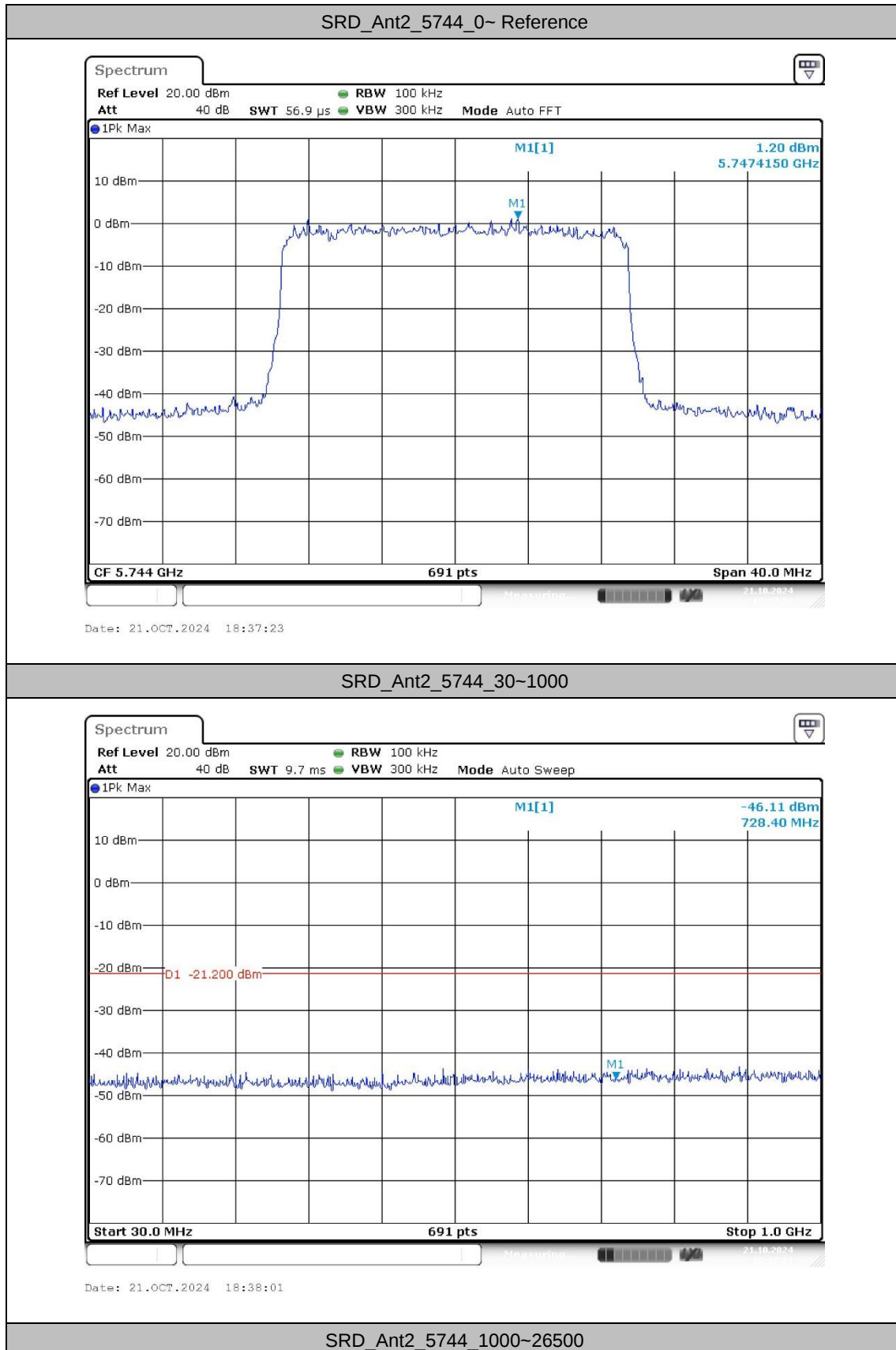


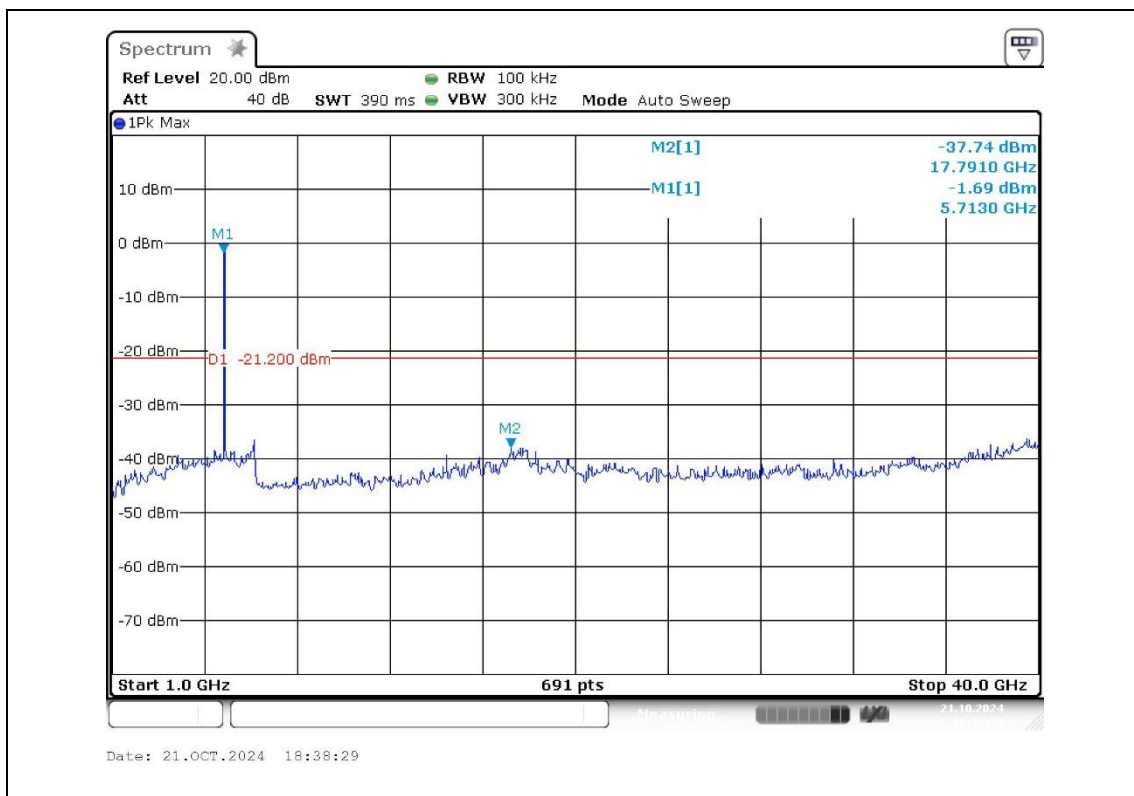
Appendix B.6: Conducted Spurious Emission

Test Result

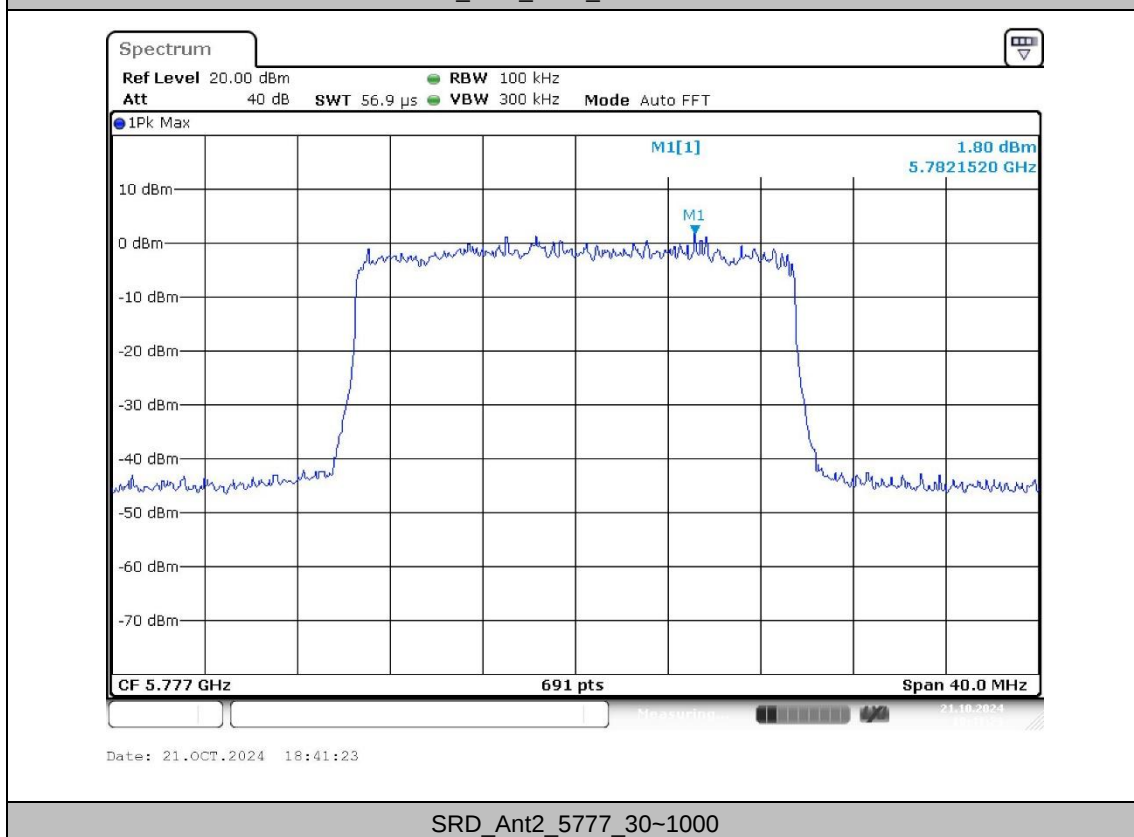
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant2	5744.0	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-46.11	≤ -18.80	PASS
			1000~26500	1.20	-37.74	≤ -18.80	PASS
		5777.0	Reference	1.80	1.80	---	PASS
			30~1000	1.80	-44.52	≤ -18.20	PASS
			1000~26500	1.80	-35.81	≤ -18.20	PASS
		5810.0	Reference	0.25	0.25	---	PASS
			30~1000	0.25	-42.58	≤ -19.75	PASS
			1000~26500	0.25	-36.11	≤ -19.75	PASS

Test Graphs

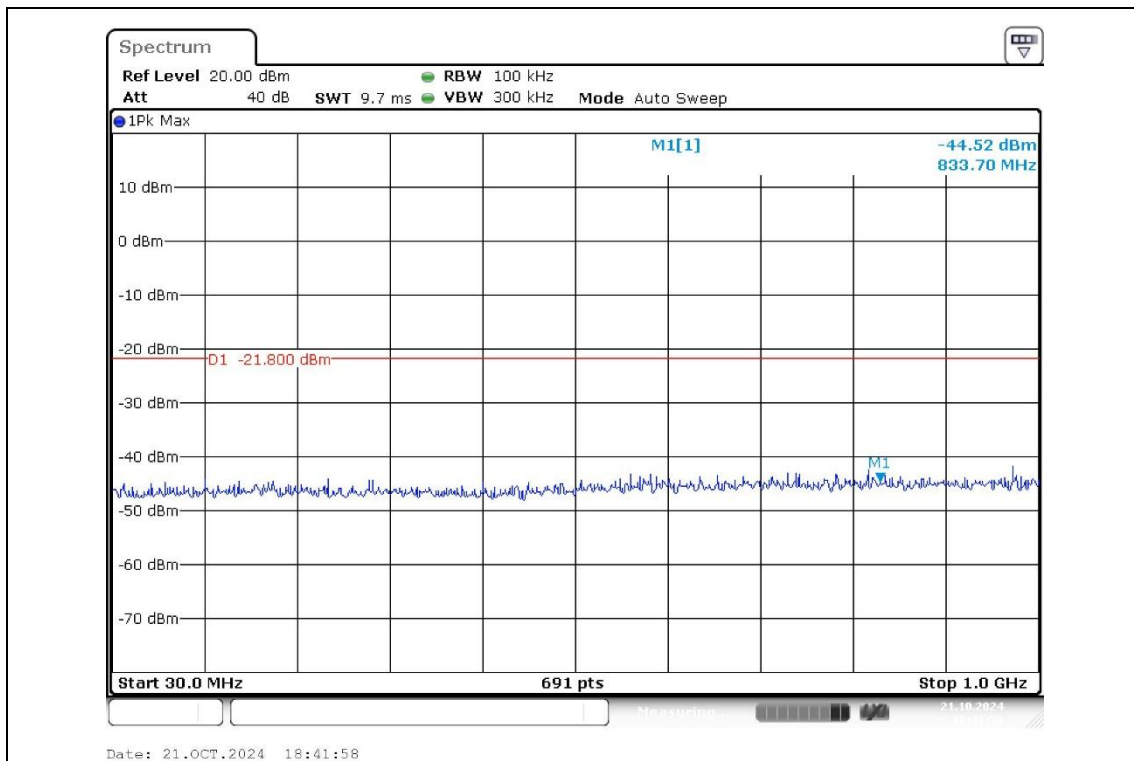




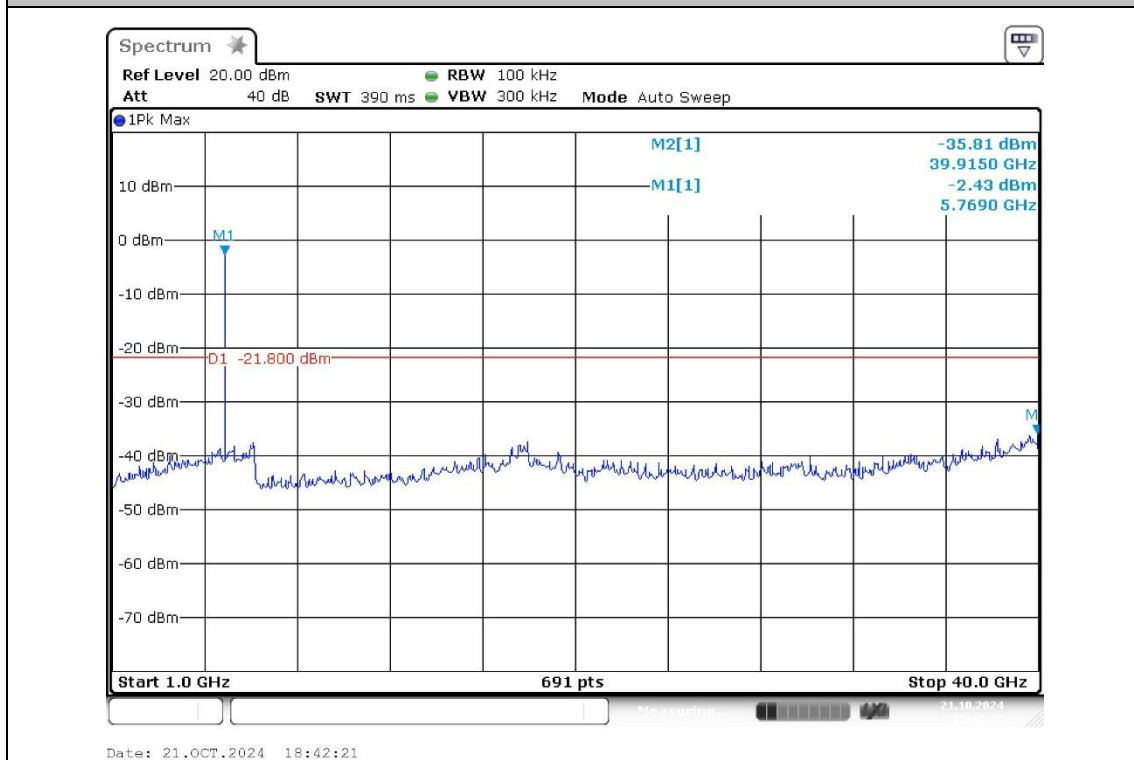
SRD_Ant2_5777_0~ Reference



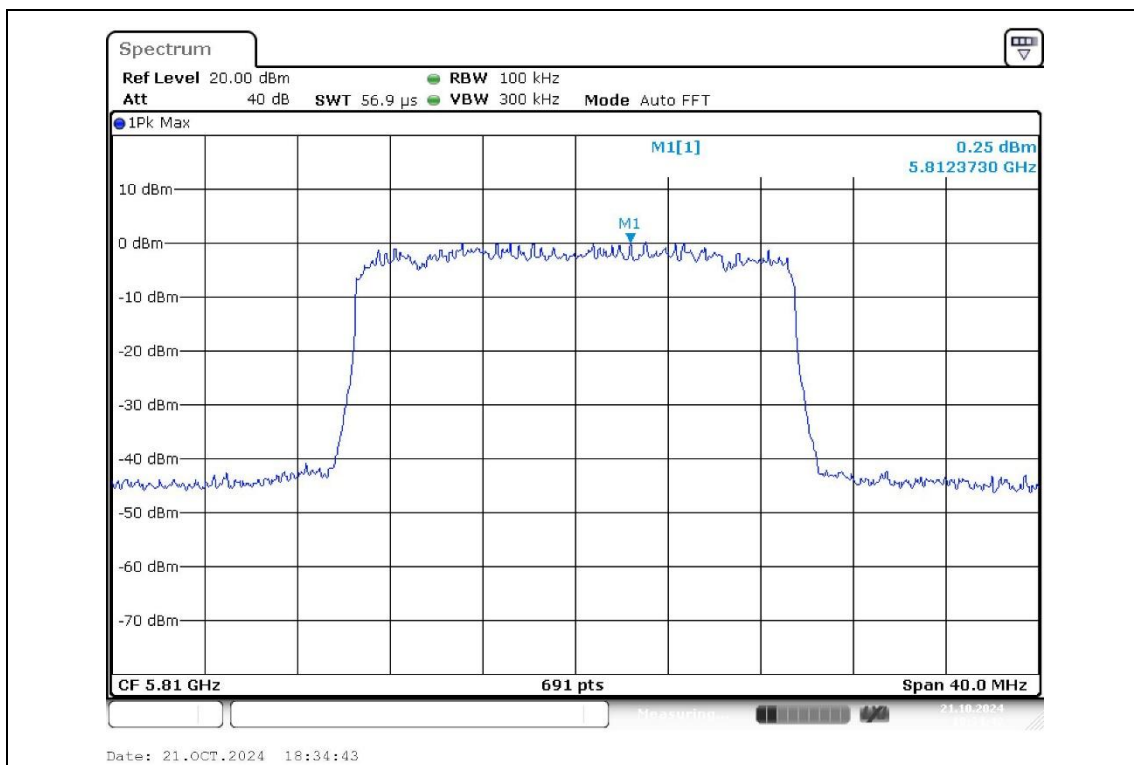
SRD_Ant2_5777_30~1000



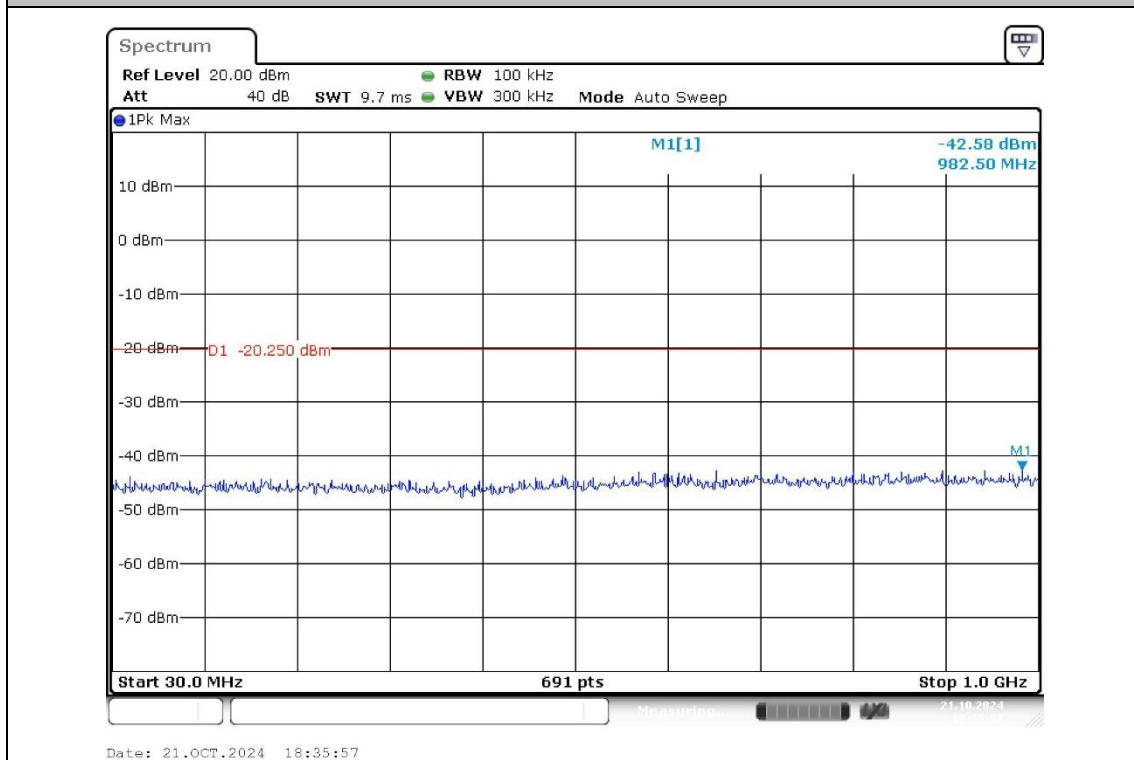
SRD_Ant2_5777_1000~26500



SRD_Ant2_5810_0~ Reference



SRD_Ant2_5810_30~1000



SRD_Ant2_5810_1000~26500

