

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>

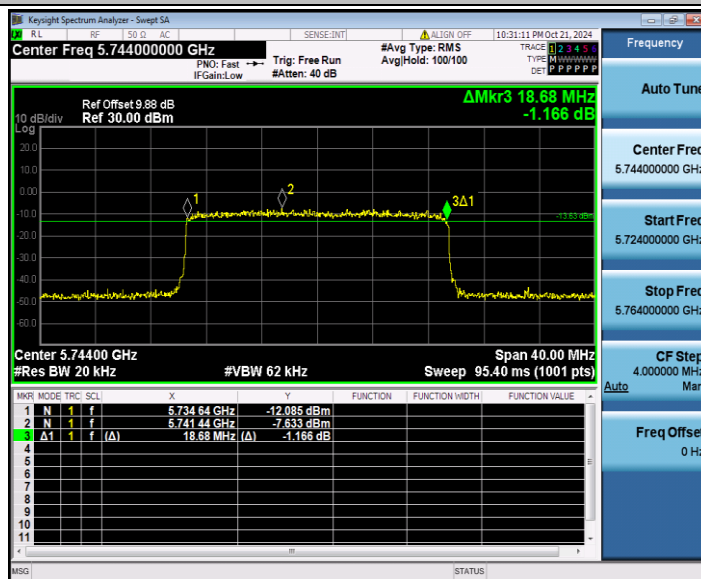
Appendix B.1: DTS Bandwidth

Test Result

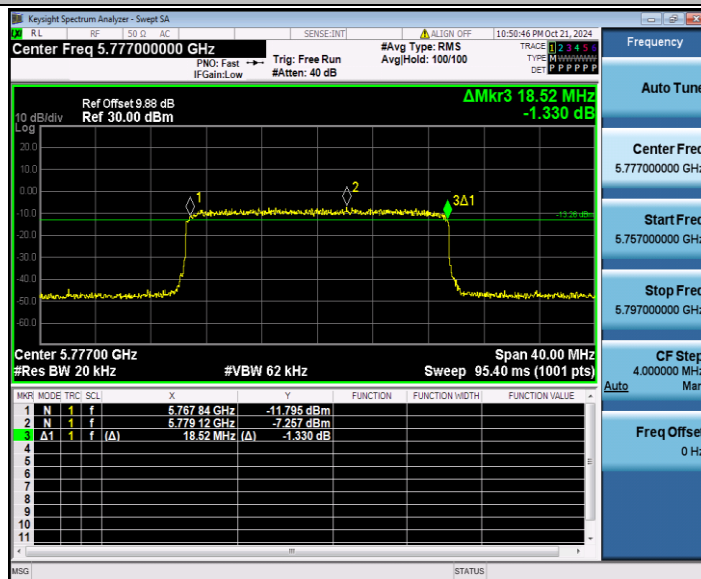
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5744	18.680	5734.640	5753.320	0.5	PASS
		5777	18.520	5767.840	5786.360	0.5	PASS
		5810	18.520	5800.760	5819.280	0.5	PASS

Test Graphs

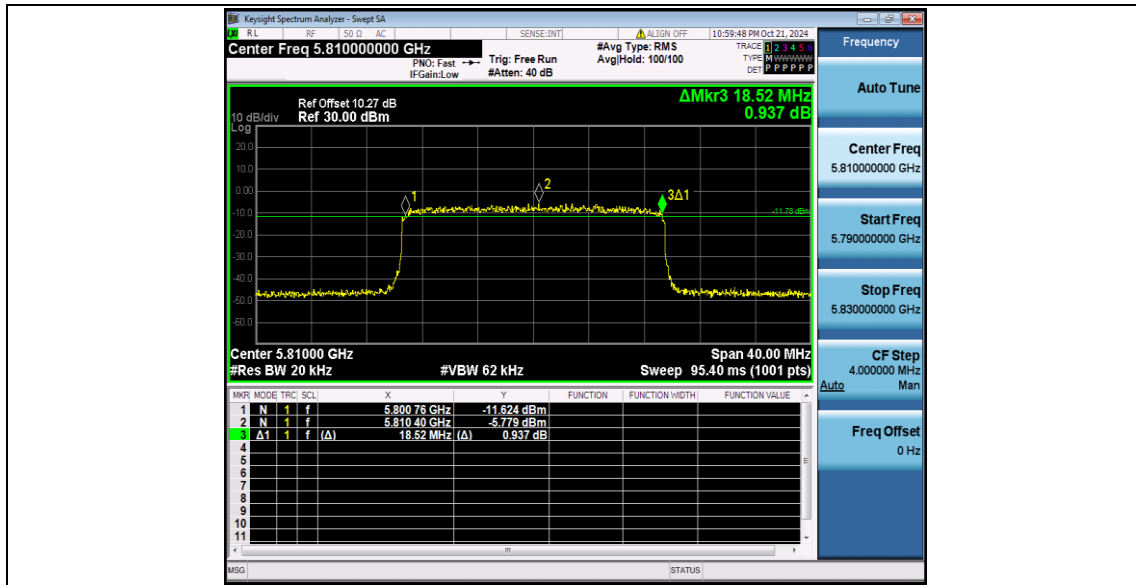
SRD_Ant1_5744



SRD_Ant1_5777



SRD_Ant1_5810

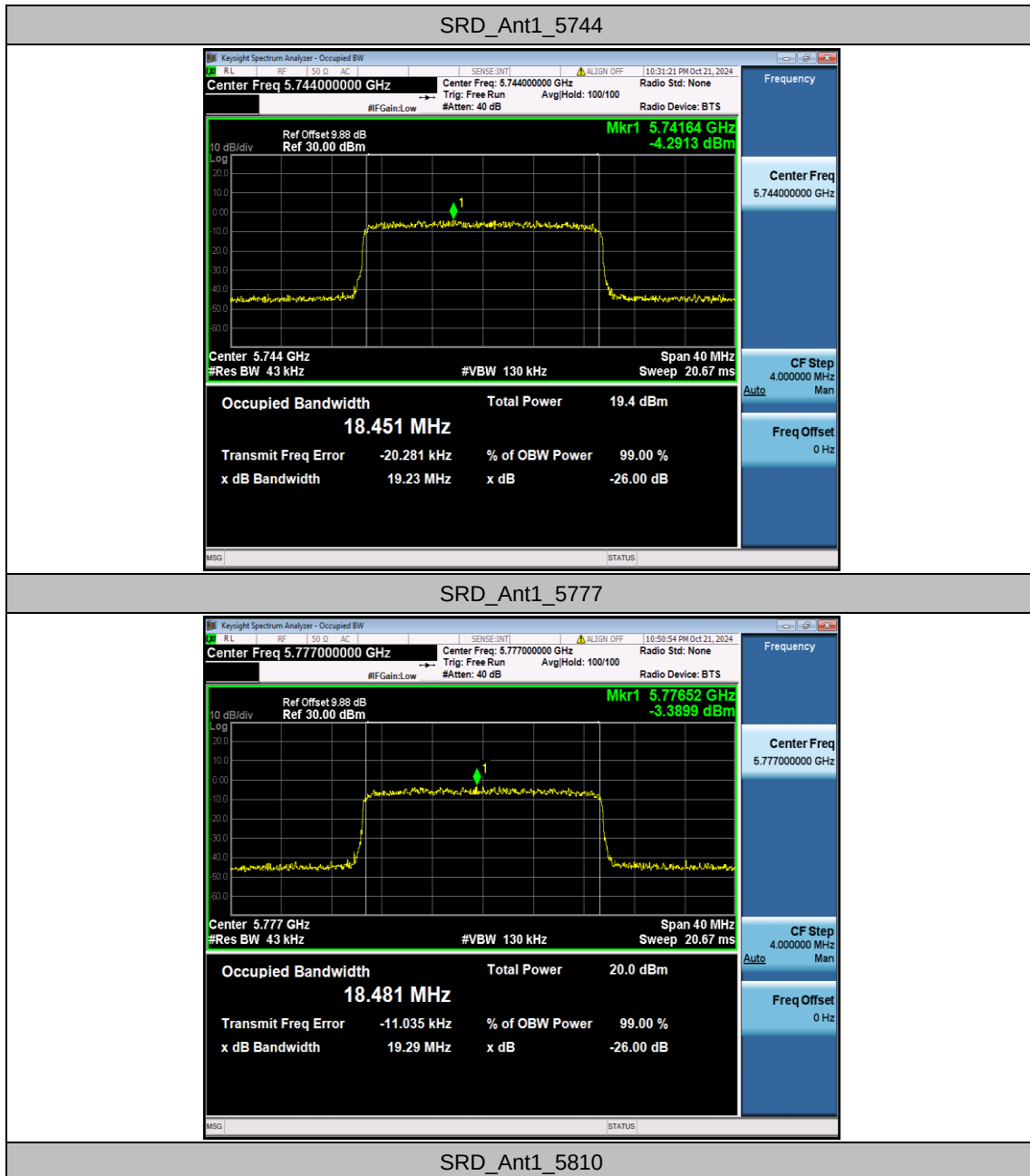


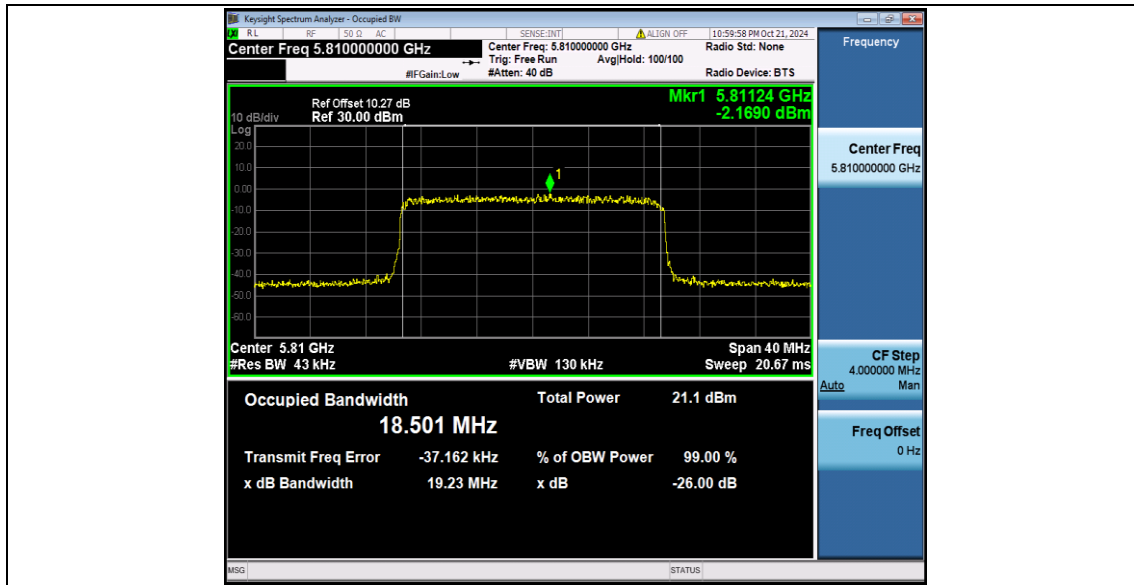
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5744	18.451	5734.7542	5753.2052	---	---
		5777	18.481	5767.7485	5786.2295	---	---
		5810	18.501	5800.7123	5819.2133	---	---

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	Ant1	5744	13.72	≤30	PASS
		5777	13.98	≤30	PASS
		5810	15.81	≤30	PASS

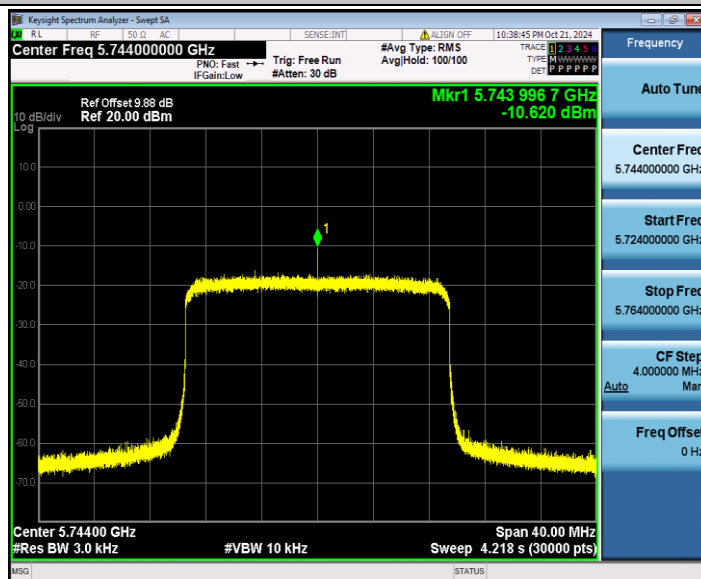
Appendix B.4: Maximum power spectral density

Test Result

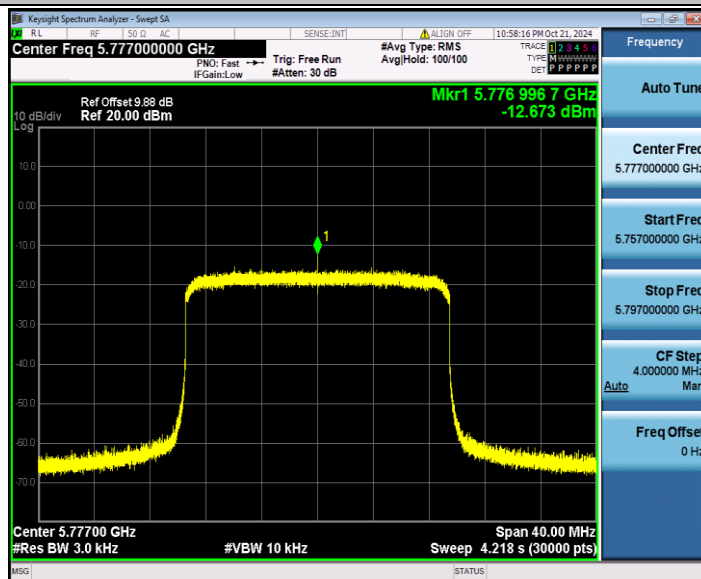
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	5744	-10.62	≤30.00	PASS
		5777	-12.67	≤30.00	PASS
		5810	-12.33	≤30.00	PASS

Test Graphs

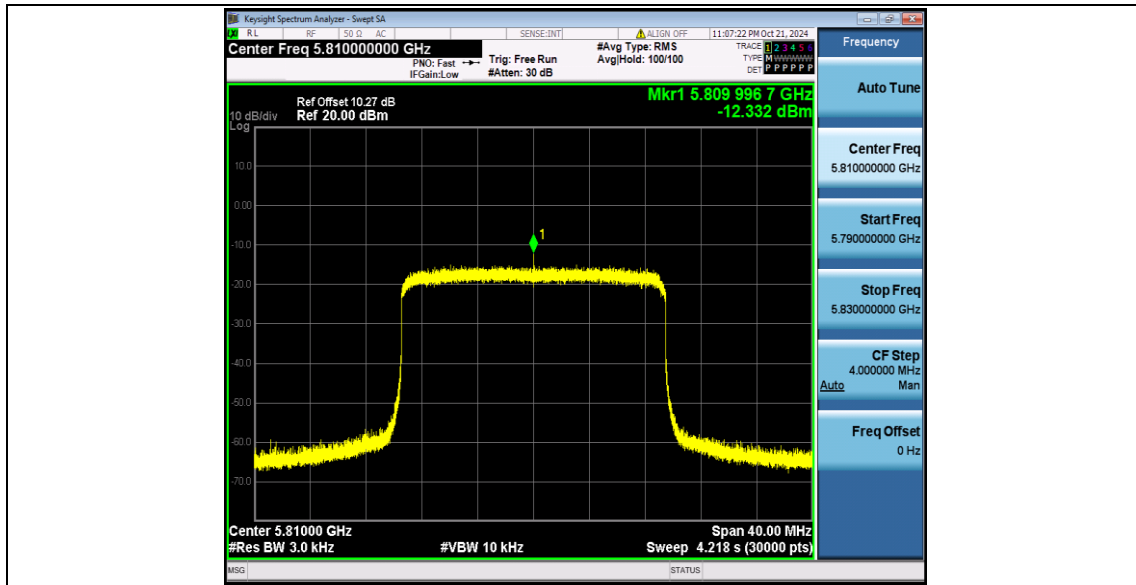
SRD_Ant1_5744



SRD_Ant1_5777



SRD_Ant1_5810



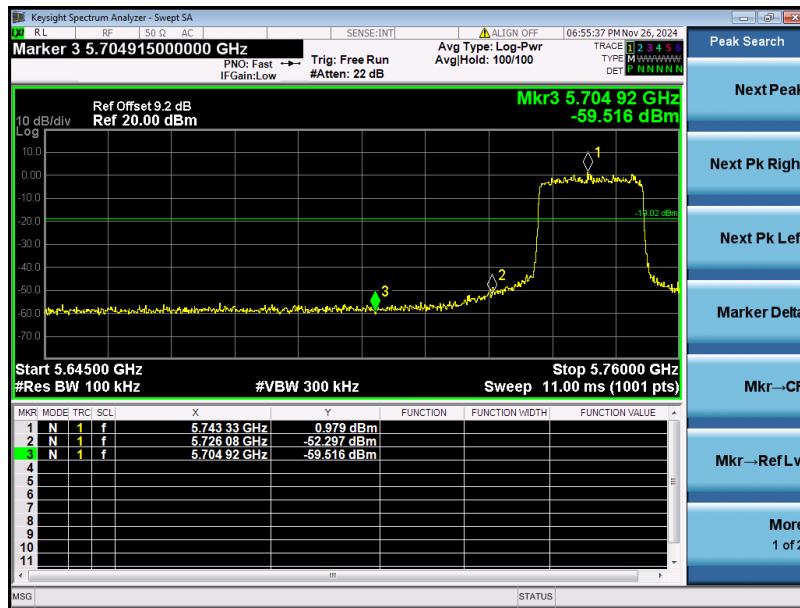
Appendix B.5: Band edge measurements

Test Result

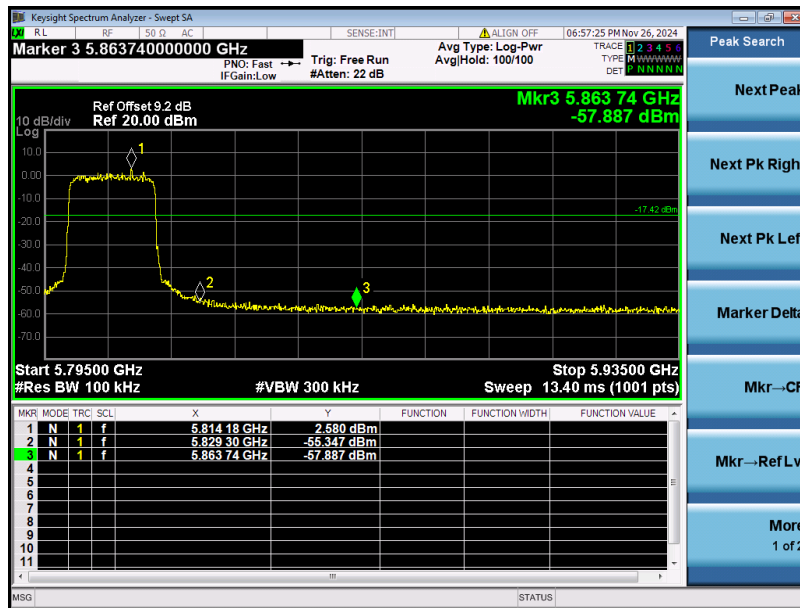
TestMode	Antenna	ChName	Frequency(MHz)	RefLevel[dB]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant1	Low	5744.0	0.979	-59.52	≤-19.02	PASS
		High	5810.0	2.580	-57.89	≤-17.42	PASS

Test Graphs

SRD_Ant1_Low_5744.0



SRD_Ant1_High_5810.0

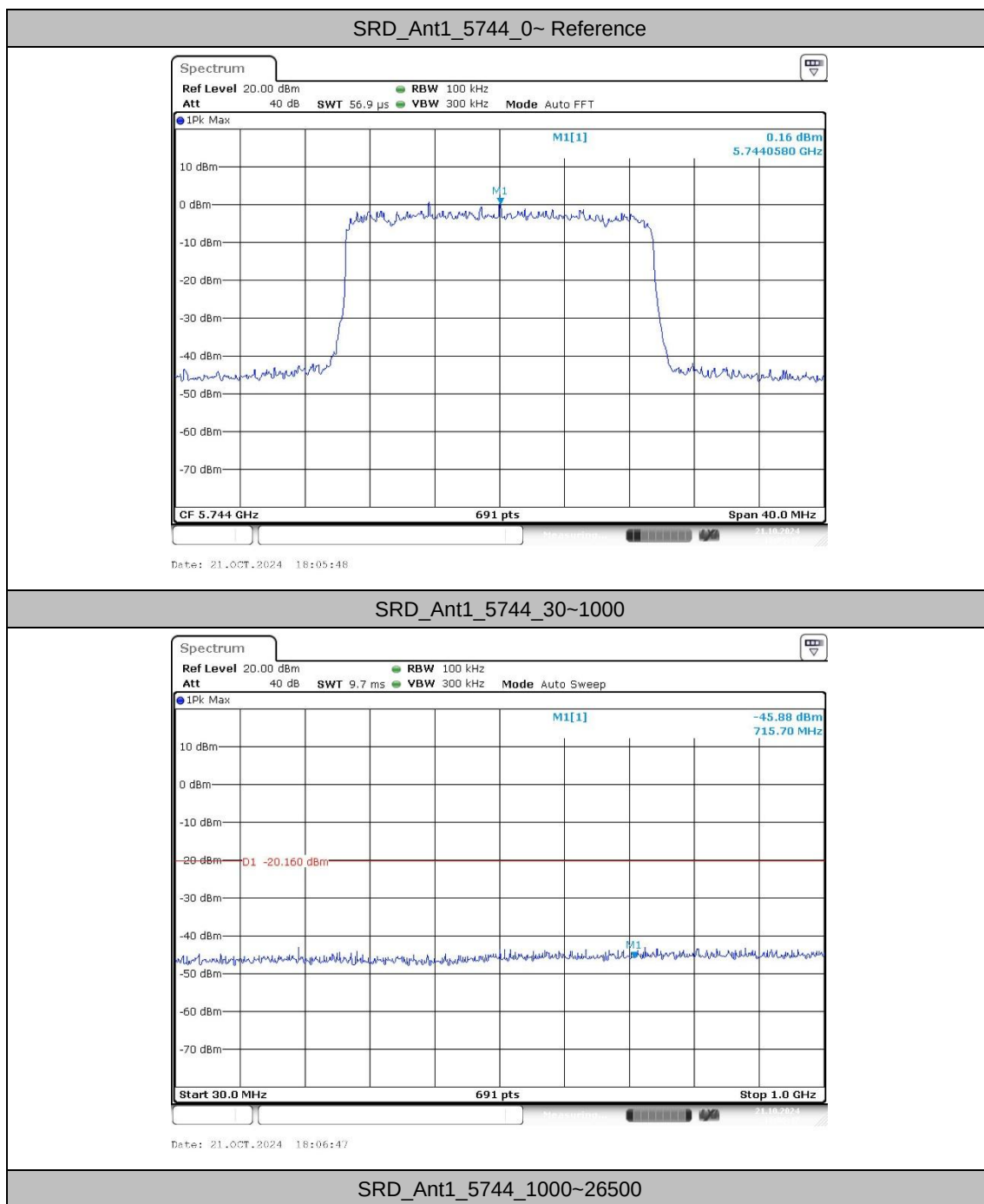


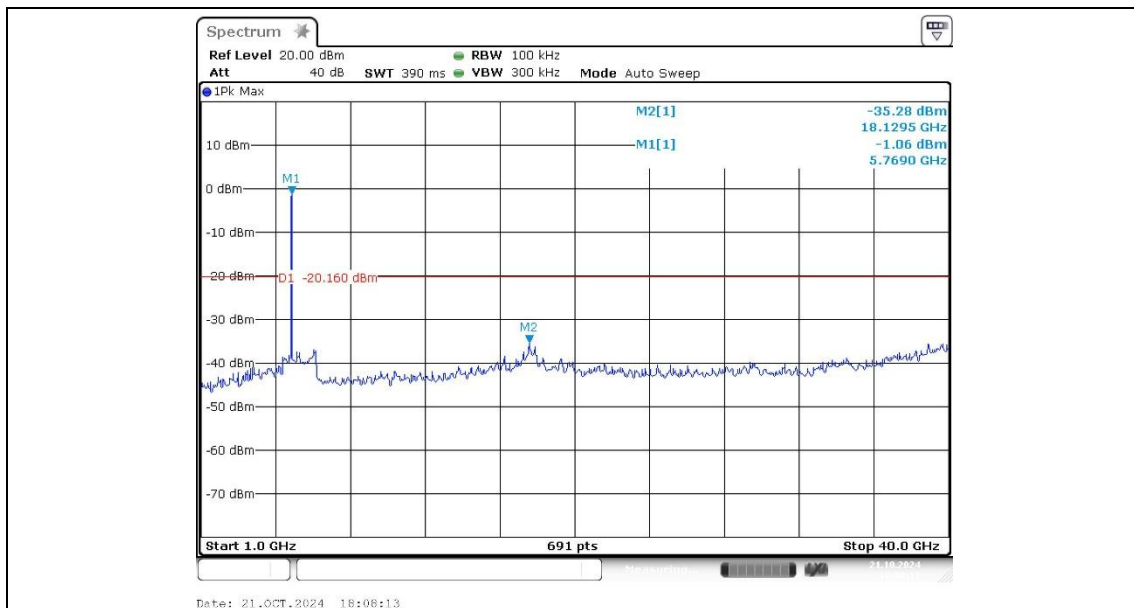
Appendix B.6: Conducted Spurious Emission

Test Result

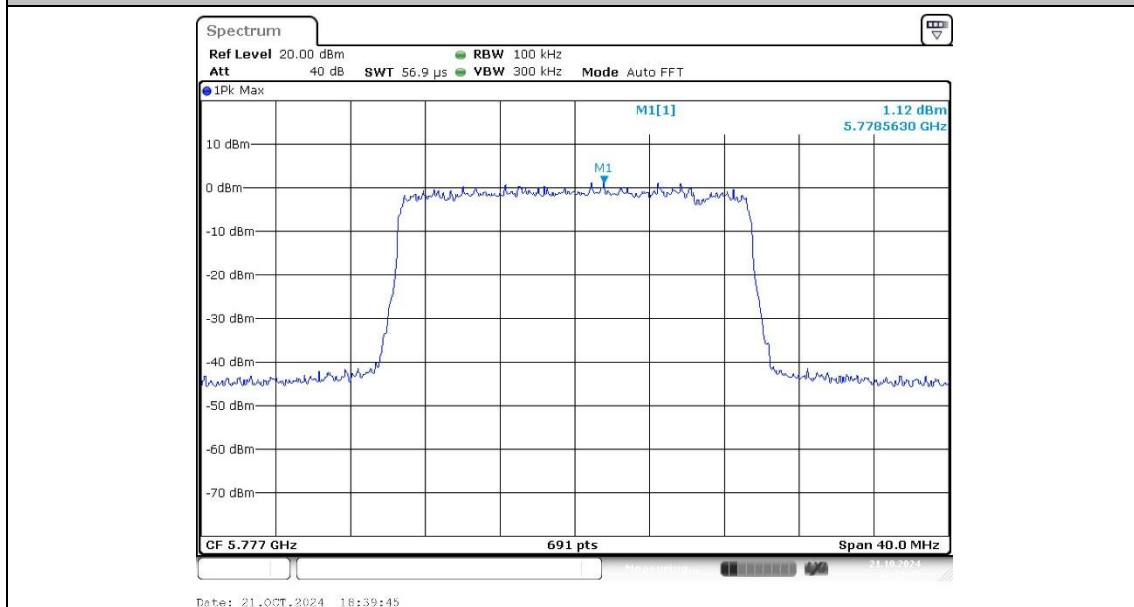
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	5744.0	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-45.88	≤ -19.84	PASS
			1000~26500	0.16	-35.28	≤ -19.84	PASS
		5777.0	Reference	1.12	1.12	---	PASS
			30~1000	1.12	-42.18	≤ -18.88	PASS
			1000~26500	1.12	-37.99	≤ -18.88	PASS
		5810.0	Reference	-0.16	-0.16	---	PASS
			30~1000	-0.16	-36.86	≤ -20.16	PASS
			1000~26500	-0.16	-36.71	≤ -20.16	PASS

Test Graphs





SRD_Ant1_5777_0~ Reference



SRD_Ant1_5777_30~1000

