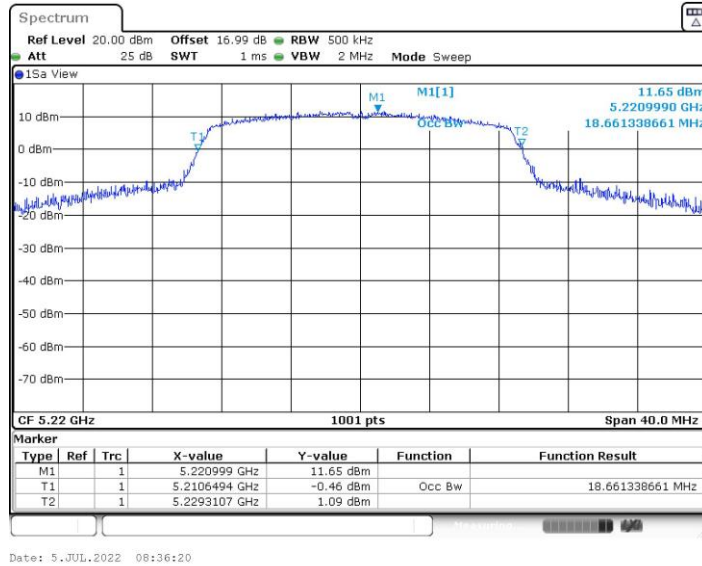
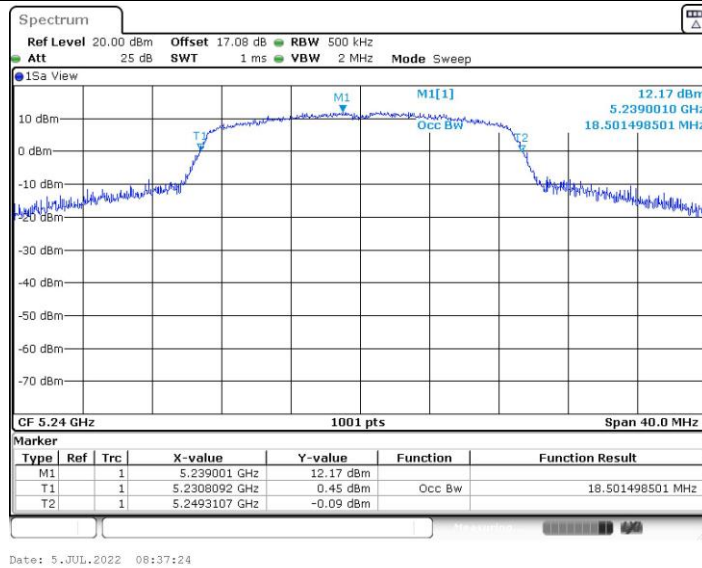




11AC20SISO_Ant1_5220

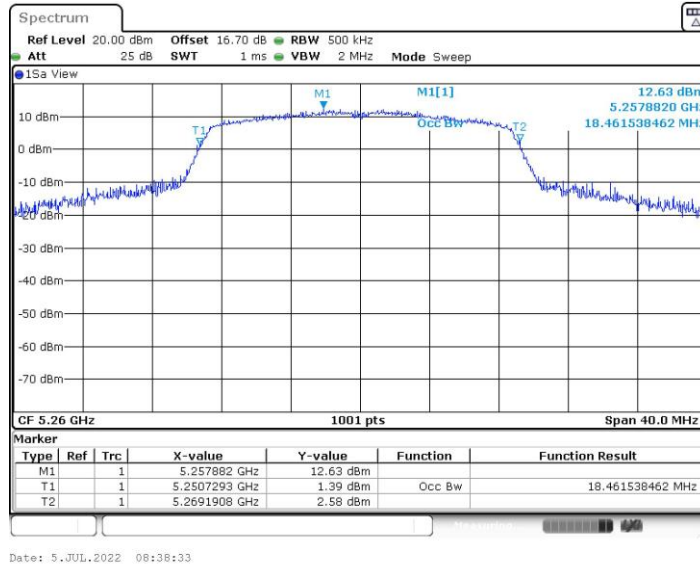


11AC20SISO_Ant1_5240

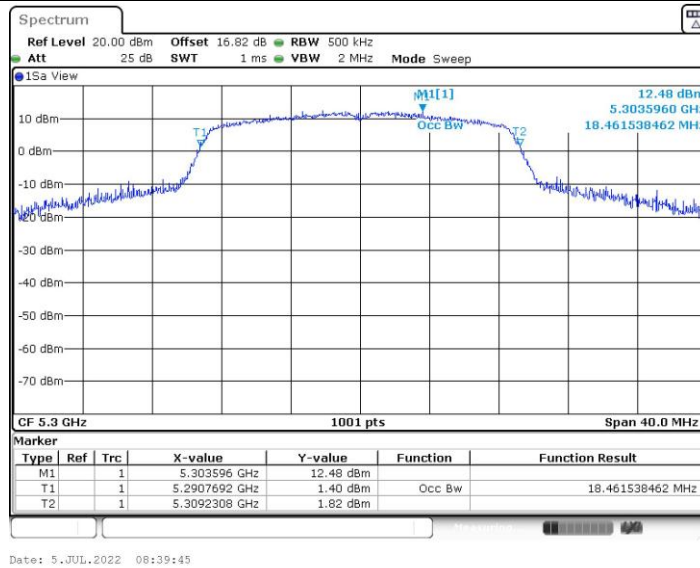




11AC20SISO_Ant1_5260

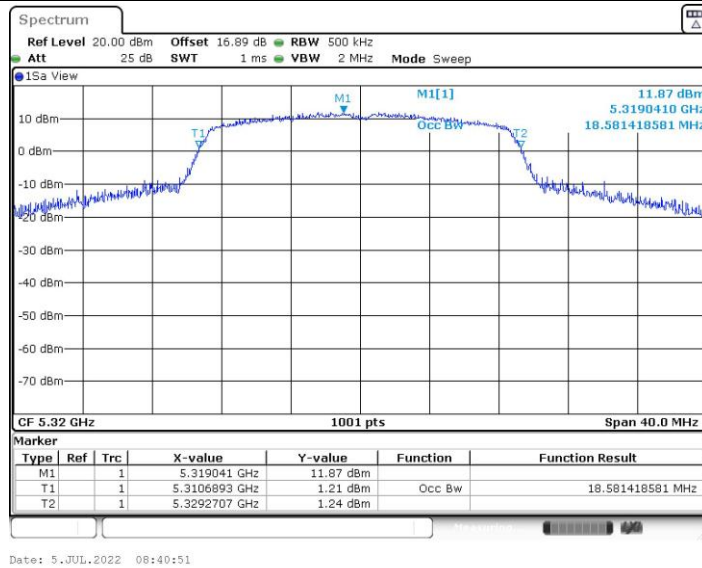


11AC20SISO_Ant1_5300

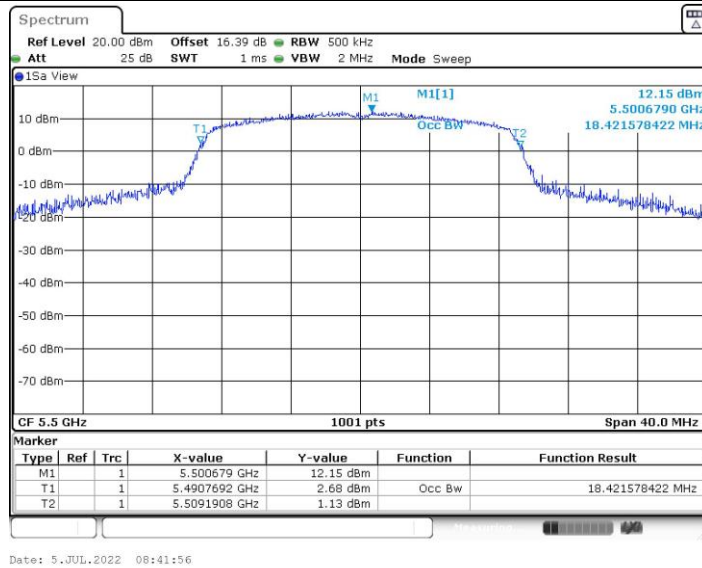




11AC20SISO_Ant1_5320

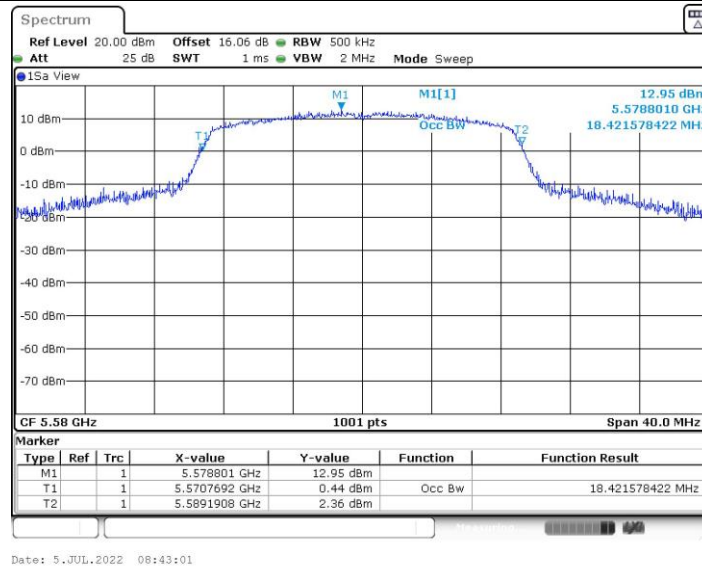


11AC20SISO_Ant1_5500

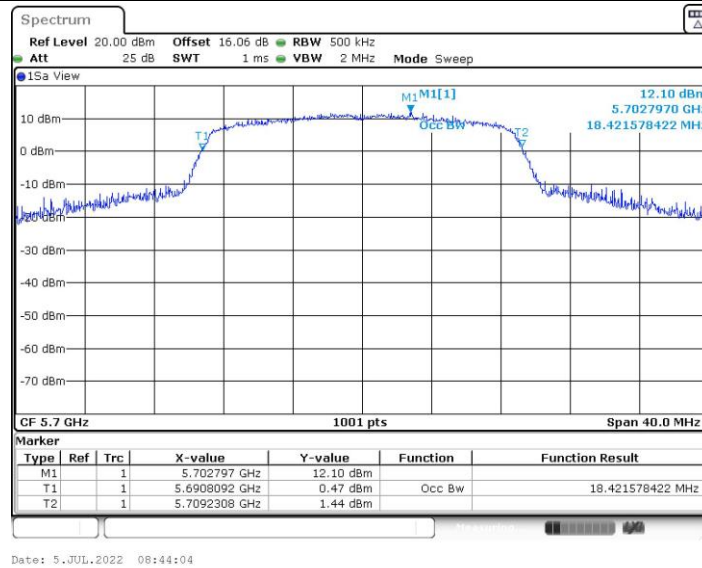




11AC20SISO_Ant1_5580

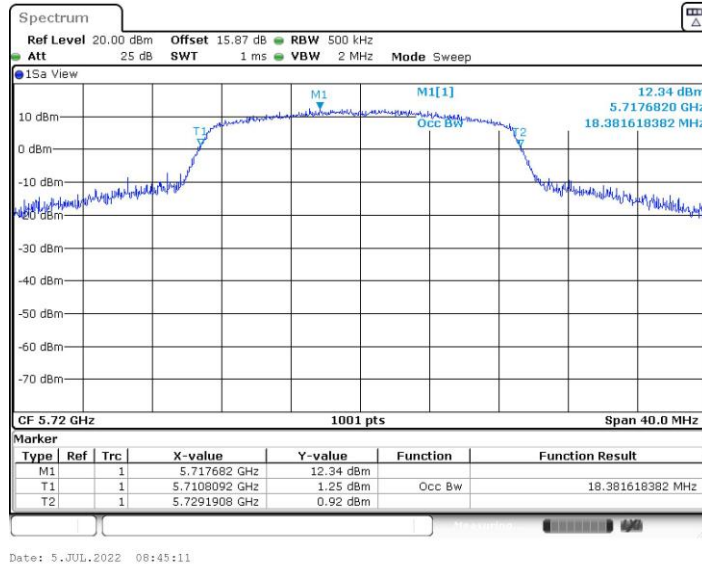


11AC20SISO_Ant1_5700

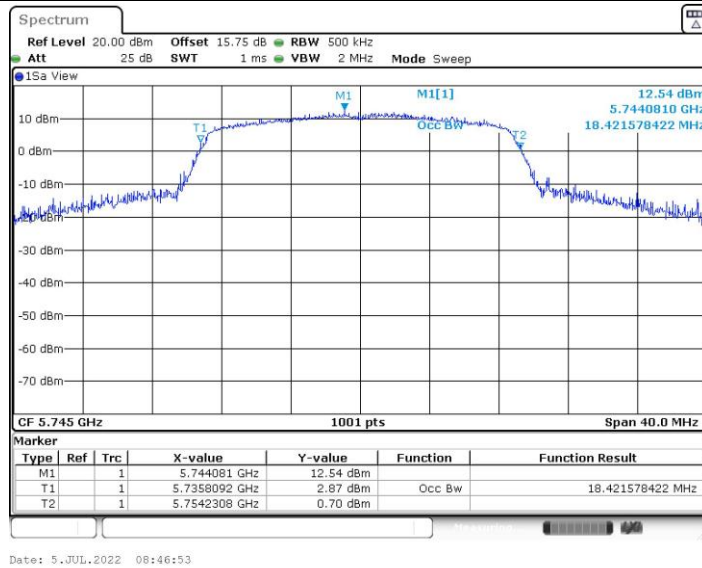




11AC20SISO_Ant1_5720

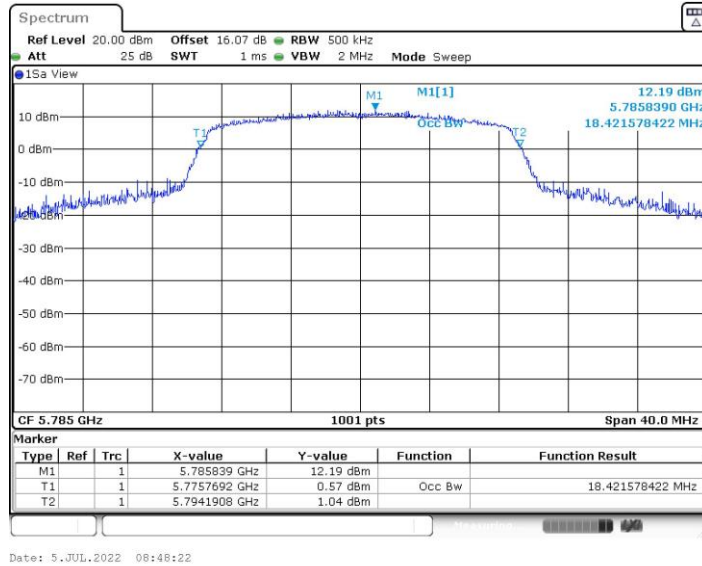


11AC20SISO_Ant1_5745

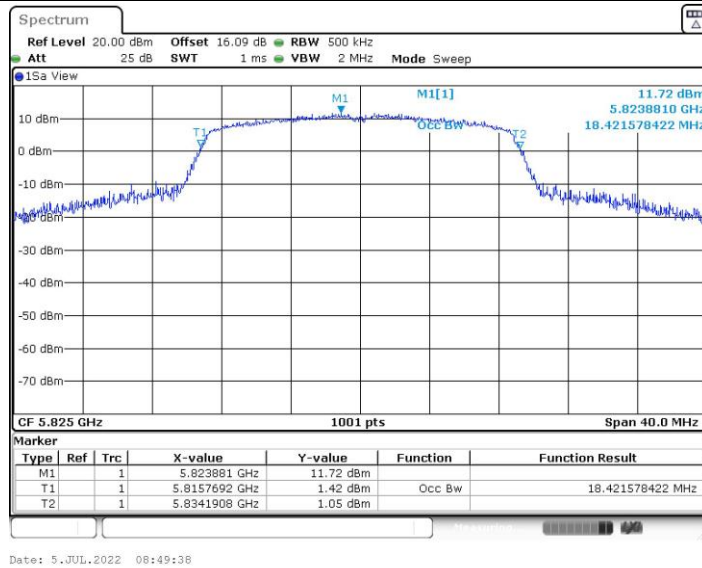




11AC20SISO_Ant1_5785

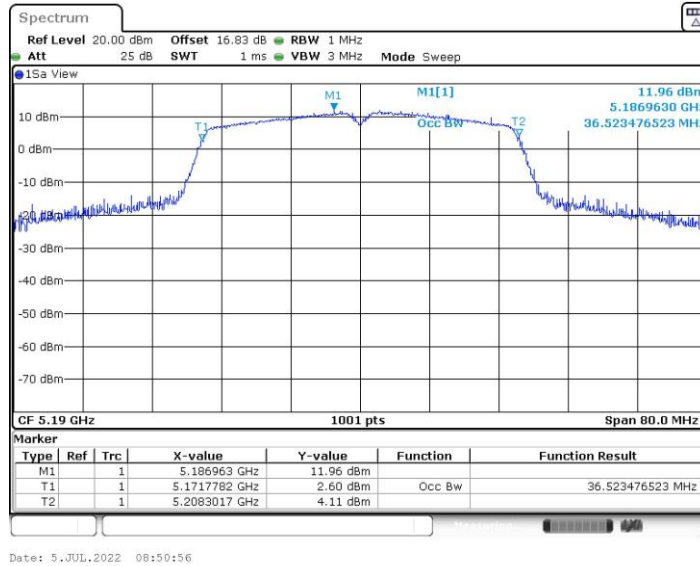


11AC20SISO_Ant1_5825

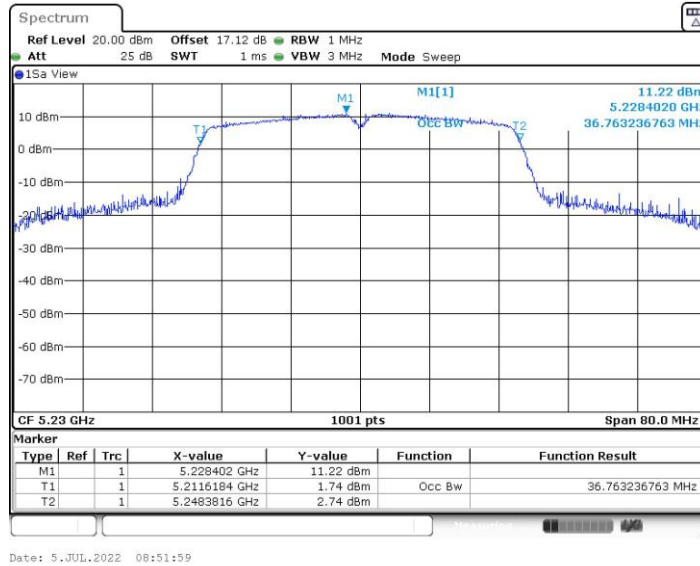




11AC40SISO_Ant1_5190

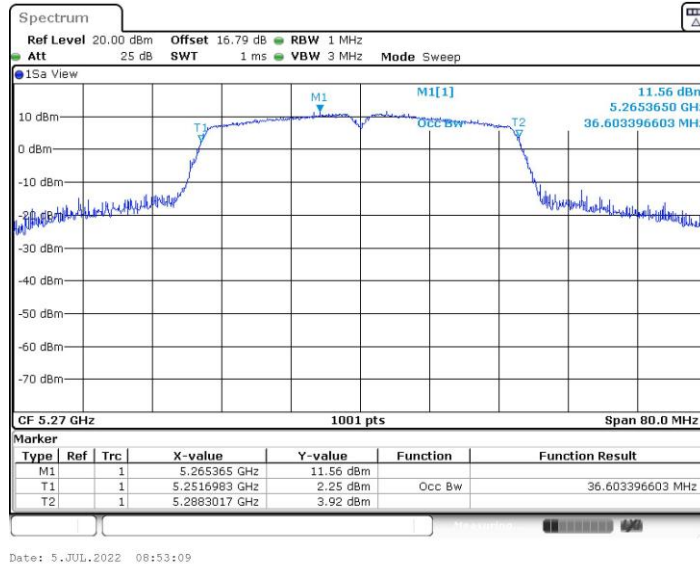


11AC40SISO_Ant1_5230

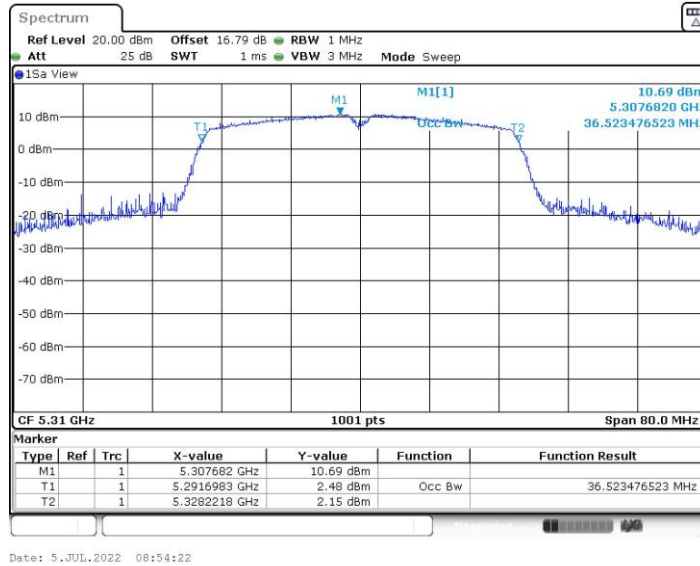




11AC40SiSO_Ant1_5270

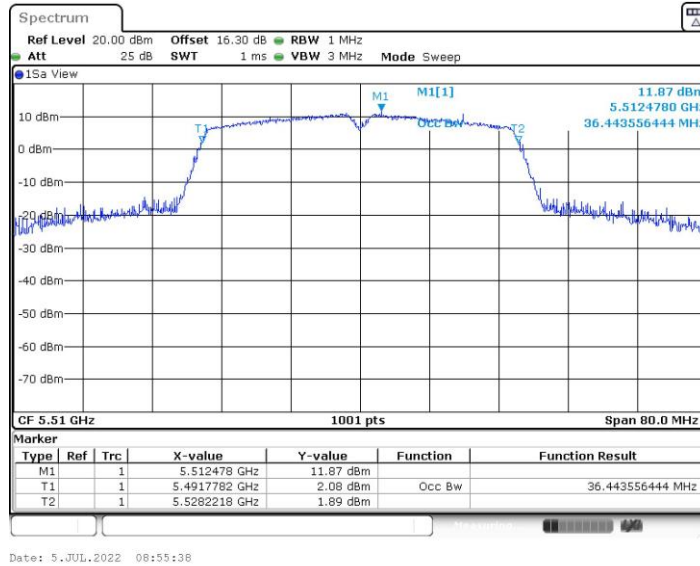


11AC40SiSO_Ant1_5310

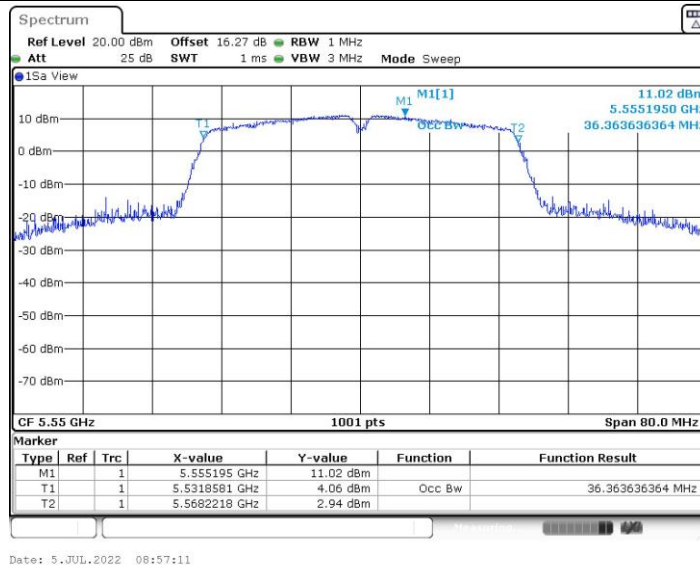




11AC40SISO_Ant1_5510

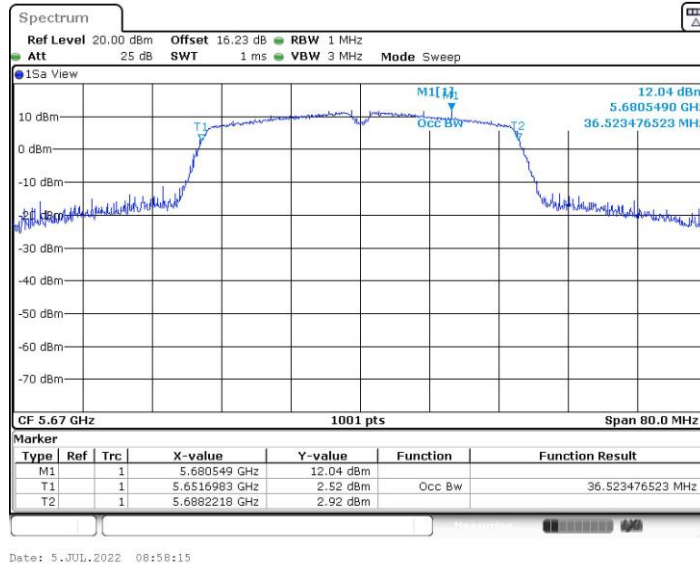


11AC40SISO_Ant1_5550

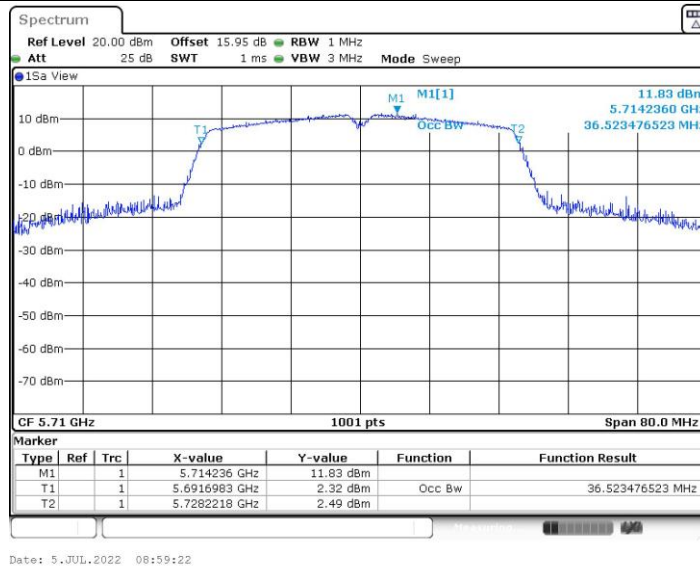




11AC40SISO_Ant1_5670

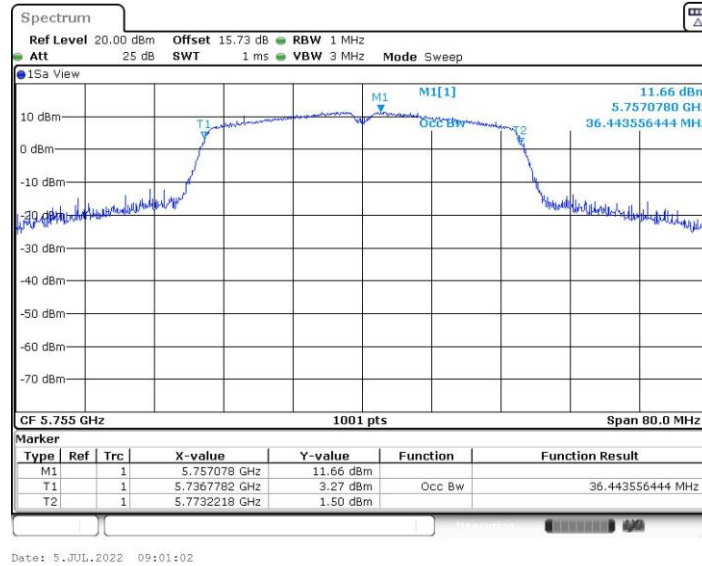


11AC40SISO_Ant1_5710

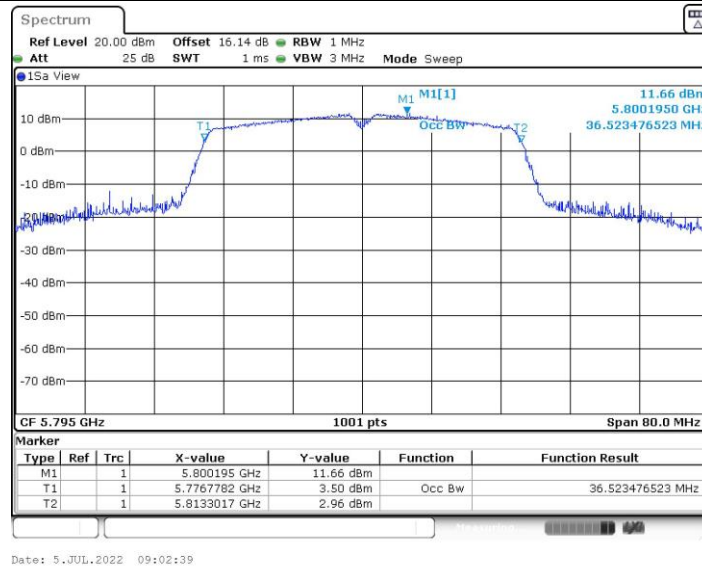




11AC40SiSO_Ant1_5755

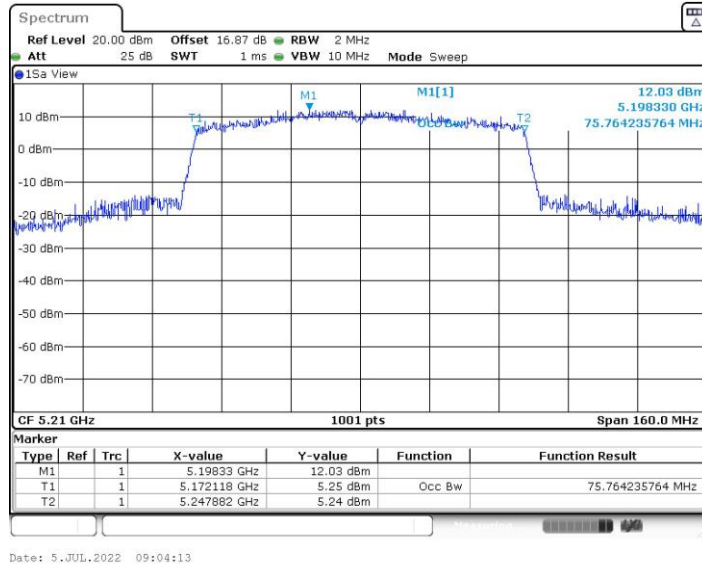


11AC40SiSO_Ant1_5795

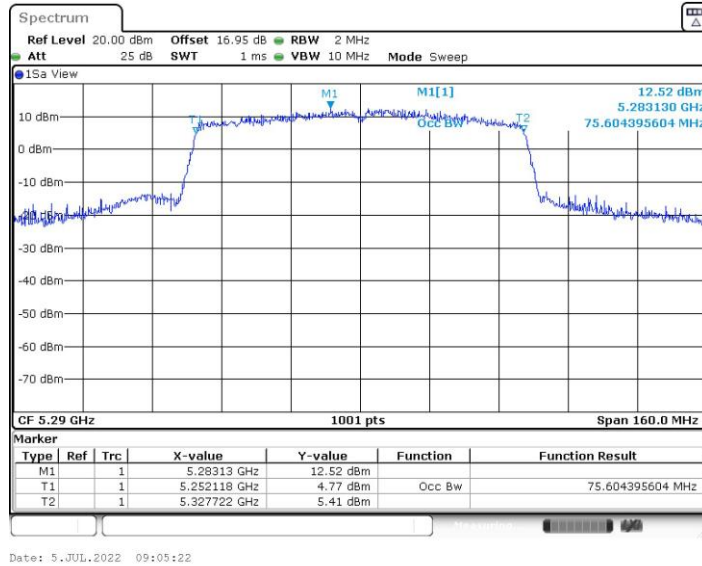




11AC80SISO_Ant1_5210

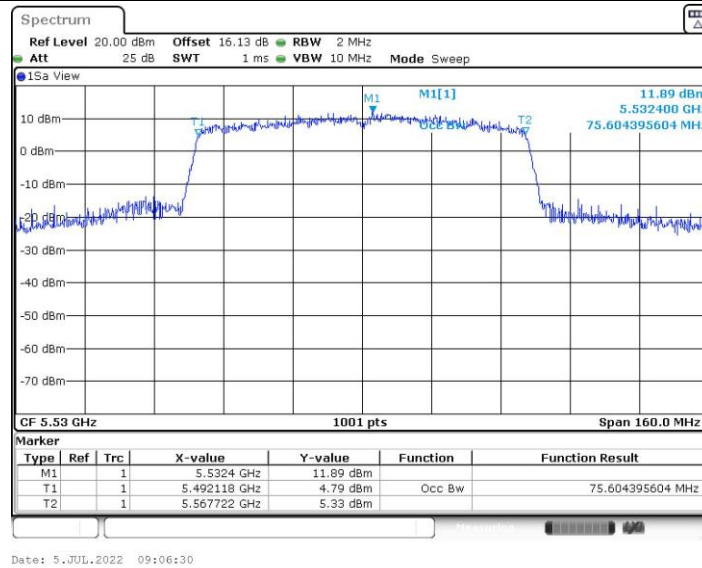


11AC80SISO_Ant1_5290

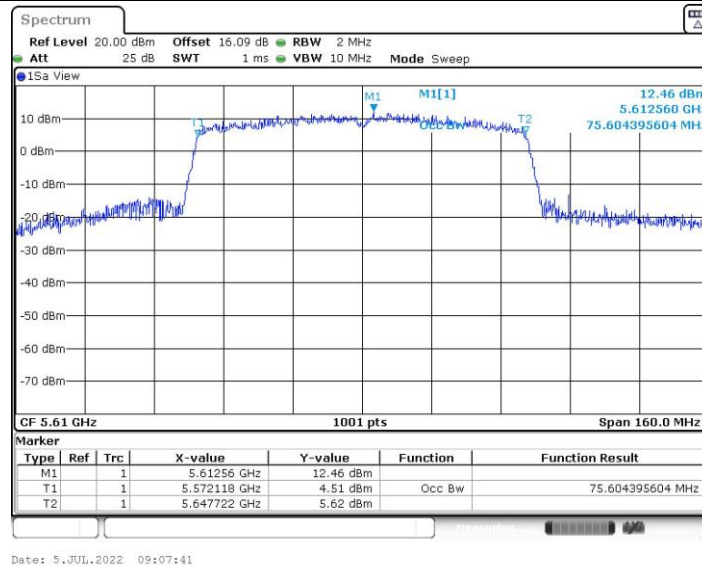




11AC80SISO_Ant1_5530

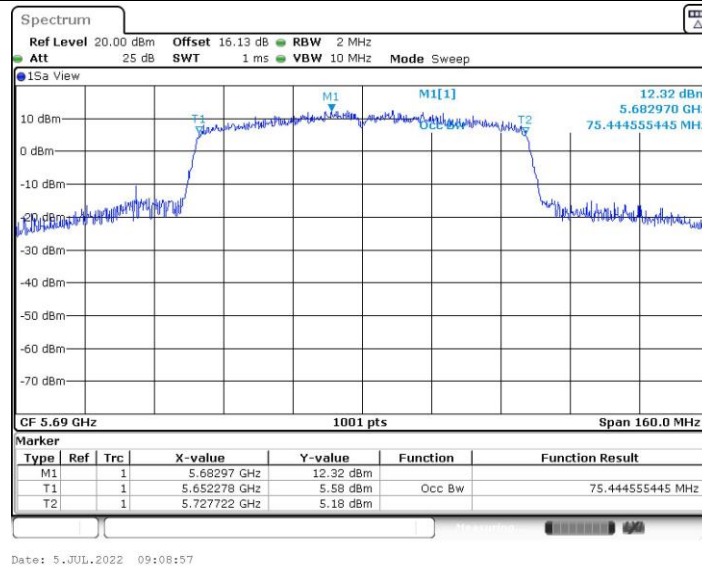


11AC80SISO_Ant1_5610

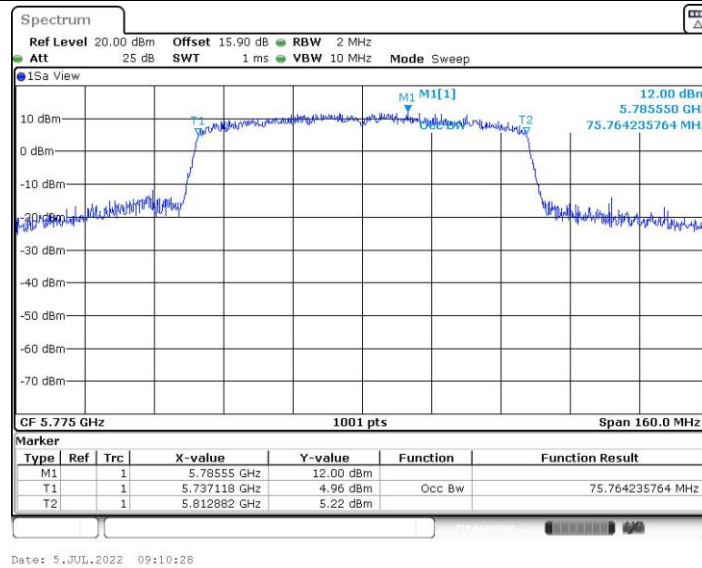




11AC80SISO_Ant1_5690



11AC80SISO_Ant1_5775

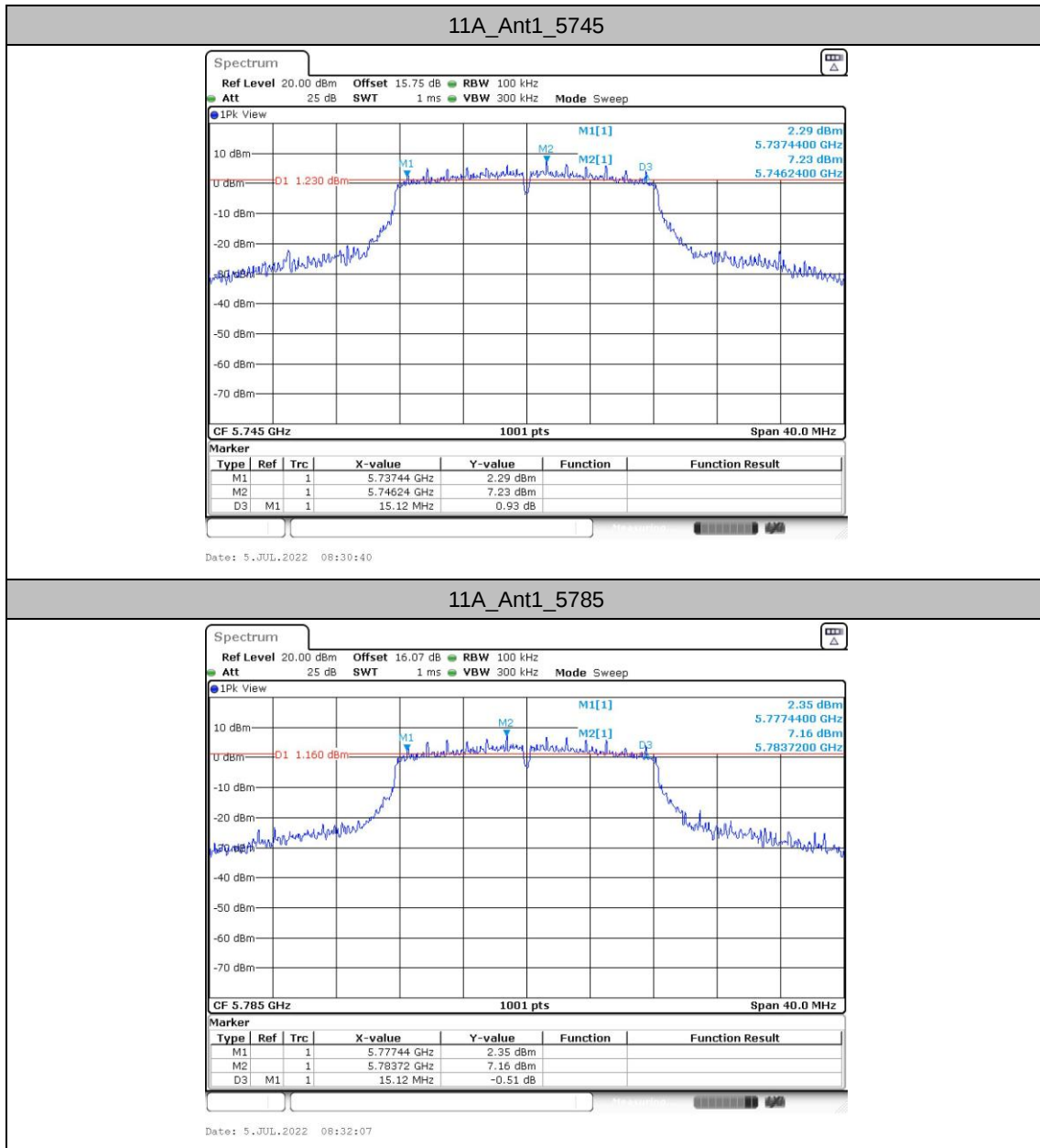


**Minimum emission bandwidth for UNII-3****Test Result**

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
		5785	15.12	5777.44	5792.56	0.5	PASS
		5825	15.12	5817.44	5832.56	0.5	PASS
11AC20SISO	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
		5785	15.12	5777.44	5792.56	0.5	PASS
		5825	15.12	5817.44	5832.56	0.5	PASS
11AC40SISO	Ant1	5755	35.04	5737.48	5772.52	0.5	PASS
		5795	35.12	5777.48	5812.60	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS

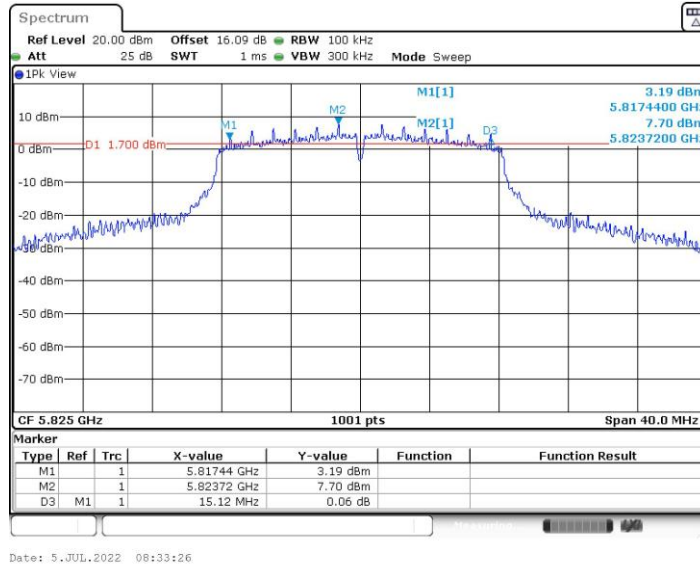


Test Graphs

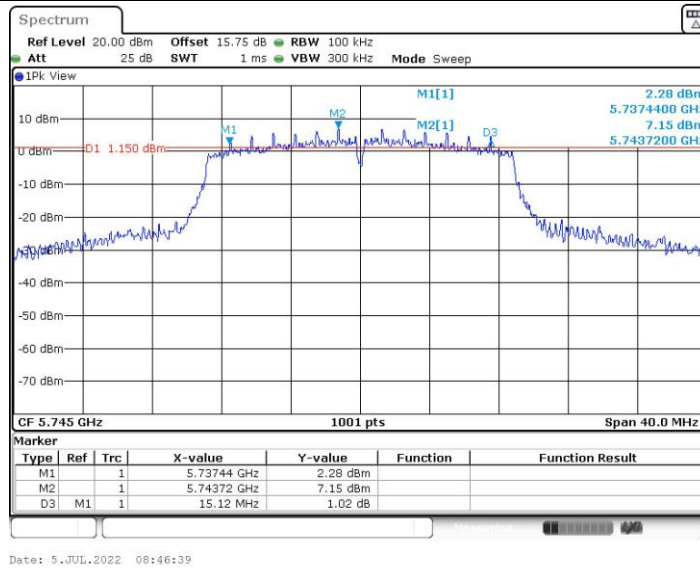




11A_Ant1_5825

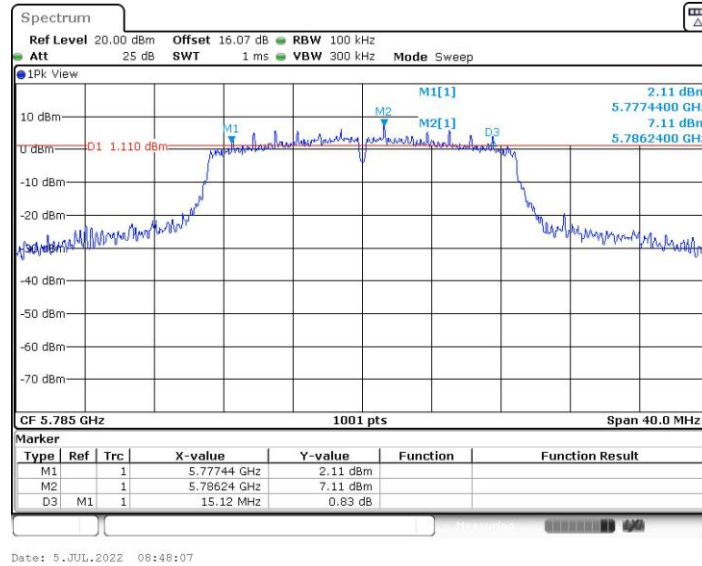


11AC20SISO_Ant1_5745

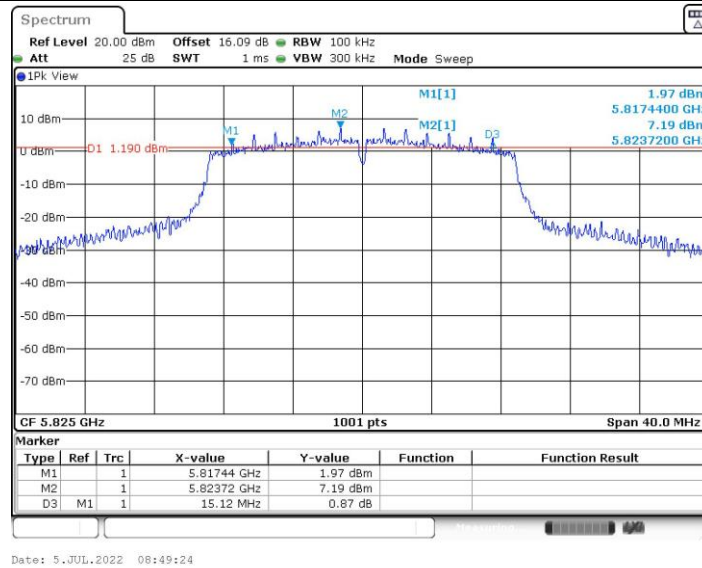




11AC20SISO_Ant1_5785

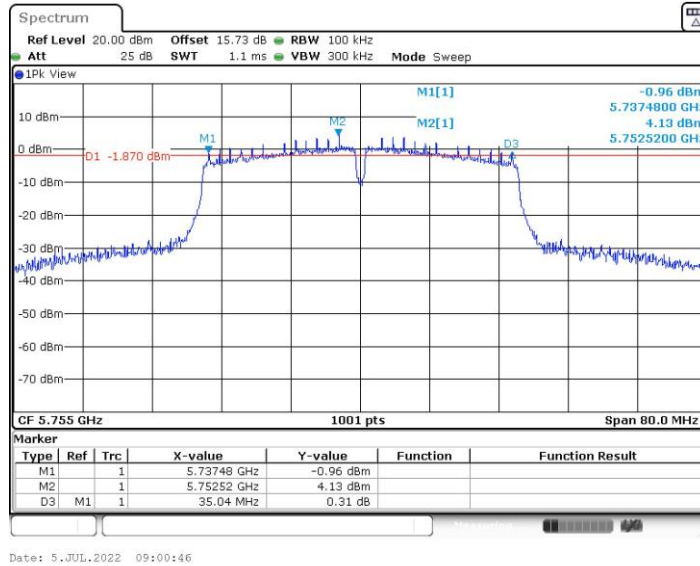


11AC20SISO_Ant1_5825

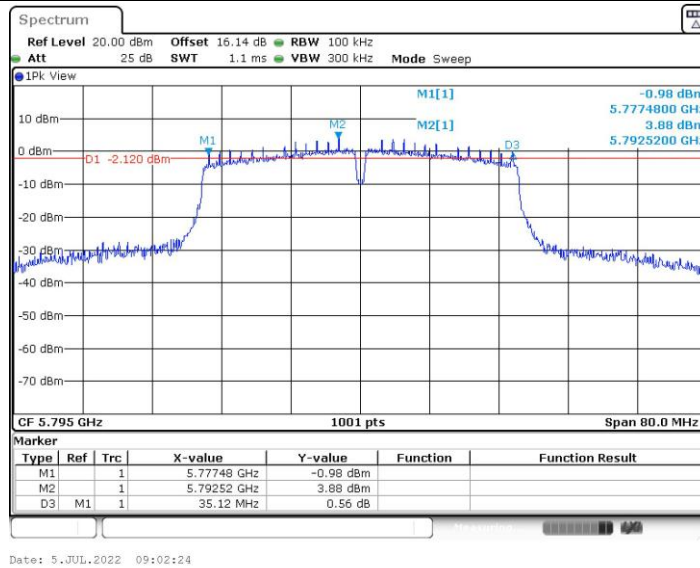


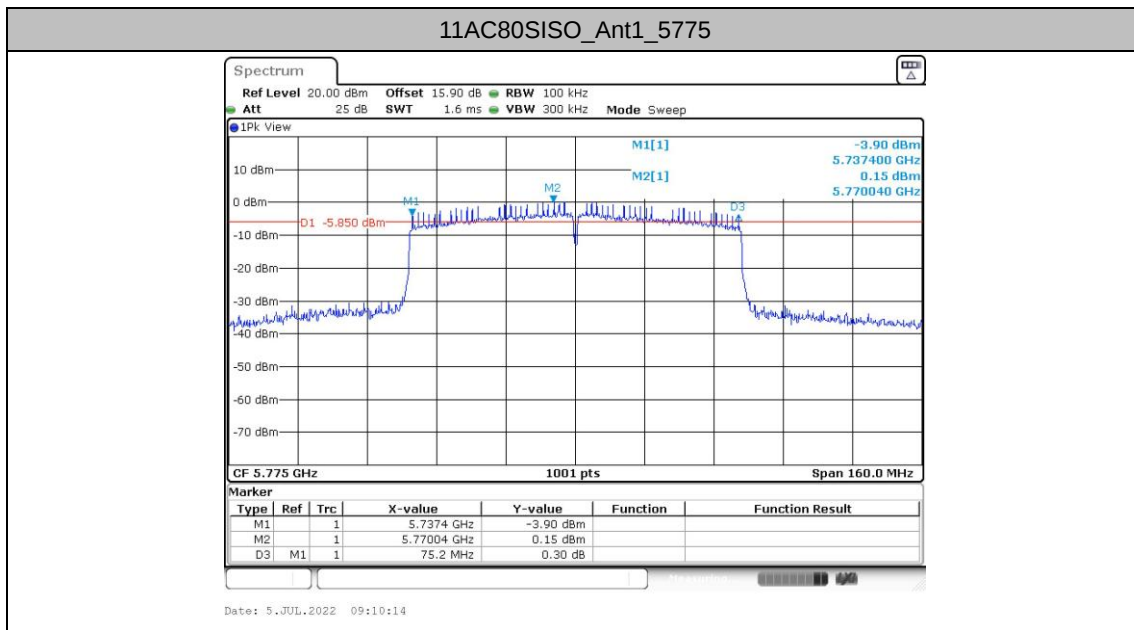


11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795







Maximum power spectral density

Test Result

TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	5180	5.33	≤11.00	PASS
	5220	6.58	≤11.00	PASS
	5240	7.21	≤11.00	PASS
	5260	6.89	≤11.00	PASS
	5300	7.16	≤11.00	PASS
	5320	5.77	≤11.00	PASS
	5500	7.01	≤11.00	PASS
	5580	7.44	≤11.00	PASS
	5700	5.88	≤11.00	PASS
	5720	7.53	≤11.00	PASS
	5745	4.24	≤30.00	PASS
	5785	4.2	≤30.00	PASS
	5825	4.55	≤30.00	PASS
11AC20SISO	5180	5.02	≤11.00	PASS
	5220	6.67	≤11.00	PASS
	5240	7.27	≤11.00	PASS
	5260	7.01	≤11.00	PASS
	5300	7.28	≤11.00	PASS
	5320	4.99	≤11.00	PASS
	5500	7.18	≤11.00	PASS
	5580	7.19	≤11.00	PASS
	5700	5.13	≤11.00	PASS
	5720	7.18	≤11.00	PASS
	5745	3.87	≤30.00	PASS
	5785	3.81	≤30.00	PASS
	5825	3.75	≤30.00	PASS
11AC40SISO	5190	1.1	≤11.00	PASS
	5230	2.53	≤11.00	PASS
	5270	2.66	≤11.00	PASS
	5310	0.29	≤11.00	PASS
	5510	1.68	≤11.00	PASS
	5550	2.89	≤11.00	PASS
	5670	3.02	≤11.00	PASS
	5710	2.94	≤11.00	PASS



	5755	0.26	≤30.00	PASS
	5795	0.09	≤30.00	PASS
11AC80SISO	5210	-2.74	≤11.00	PASS
	5290	-3.95	≤11.00	PASS
	5530	-2.99	≤11.00	PASS
	5610	-0.97	≤11.00	PASS
	5690	-0.84	≤11.00	PASS
	5775	-3.68	≤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.

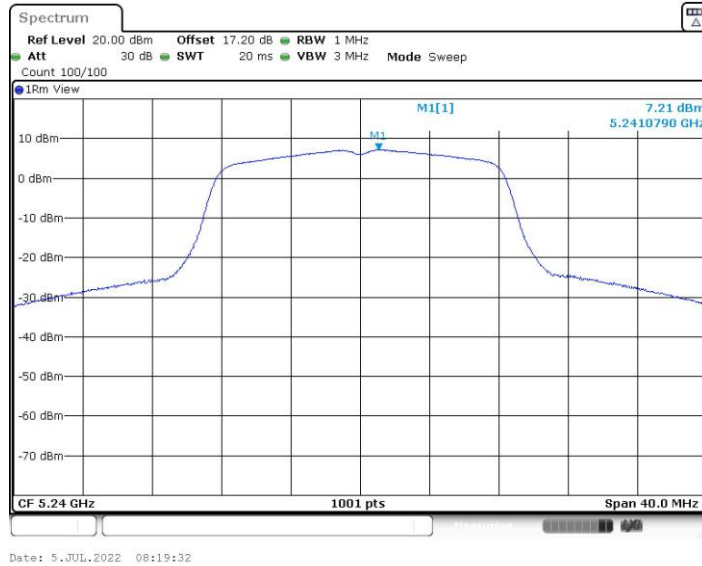


Test Graphs

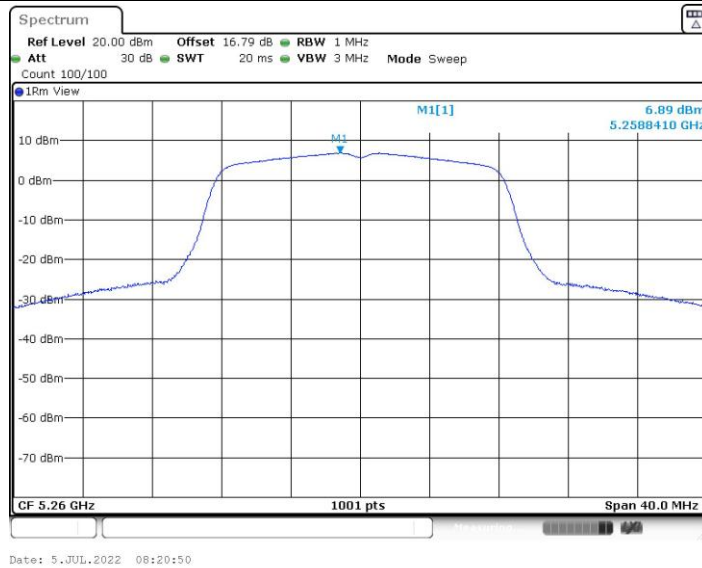




11A_Ant1_5240

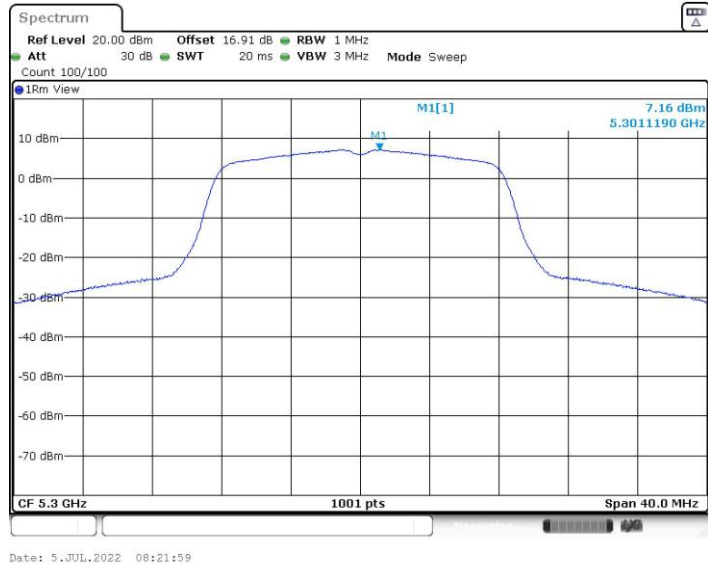


11A_Ant1_5260





11A_Ant1_5300

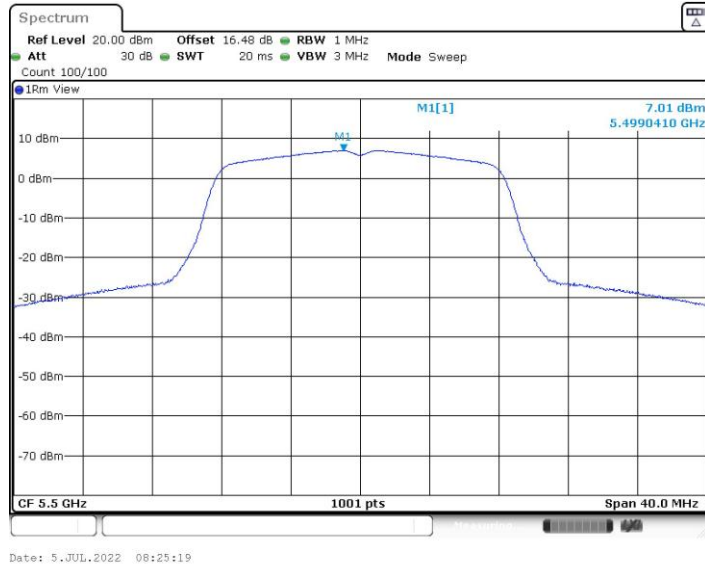


11A_Ant1_5320

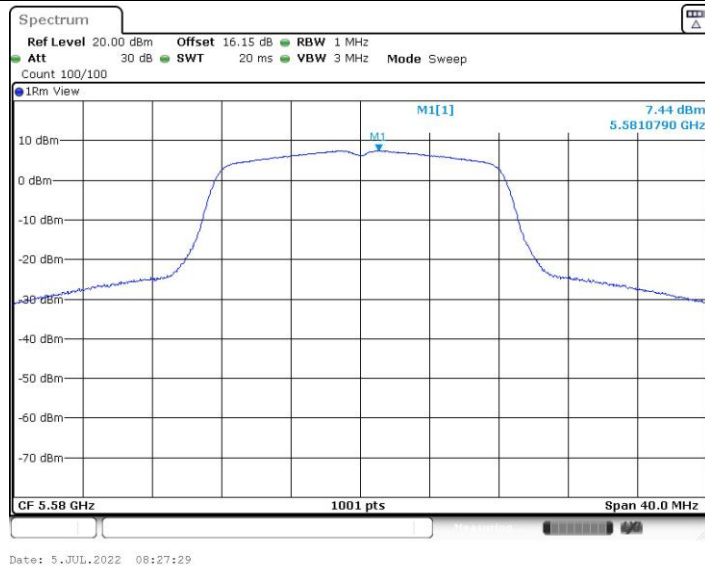




11A_Ant1_5500



11A_Ant1_5580

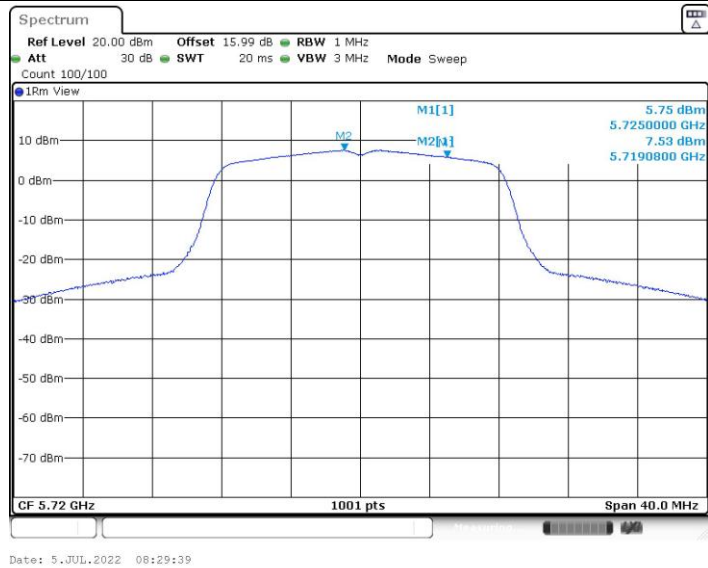




11A_Ant1_5700

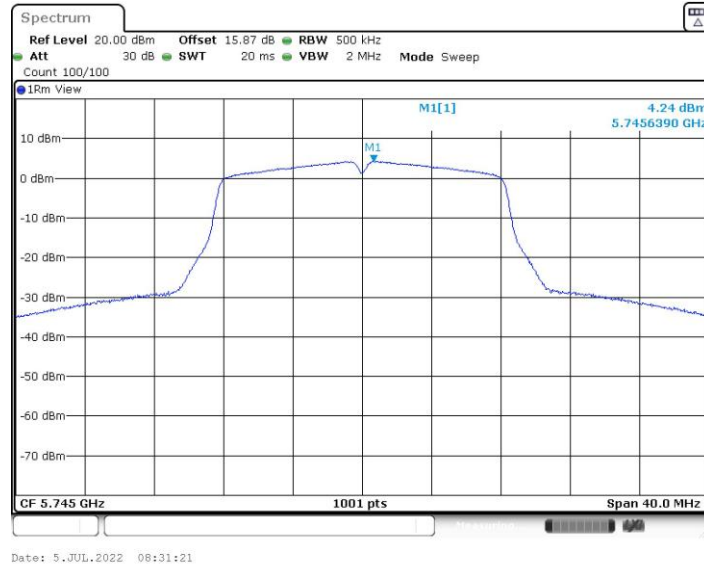


11A_Ant1_5720





11A_Ant1_5745



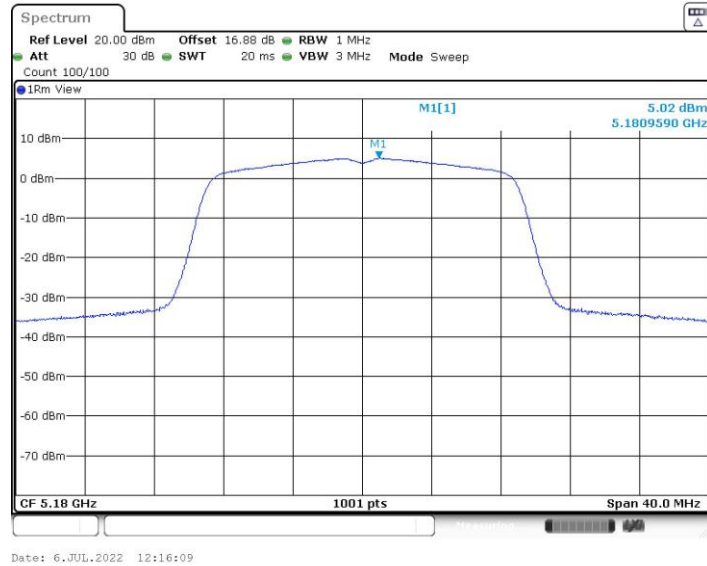
11A_Ant1_5785







11AC20SISO_Ant1_5180

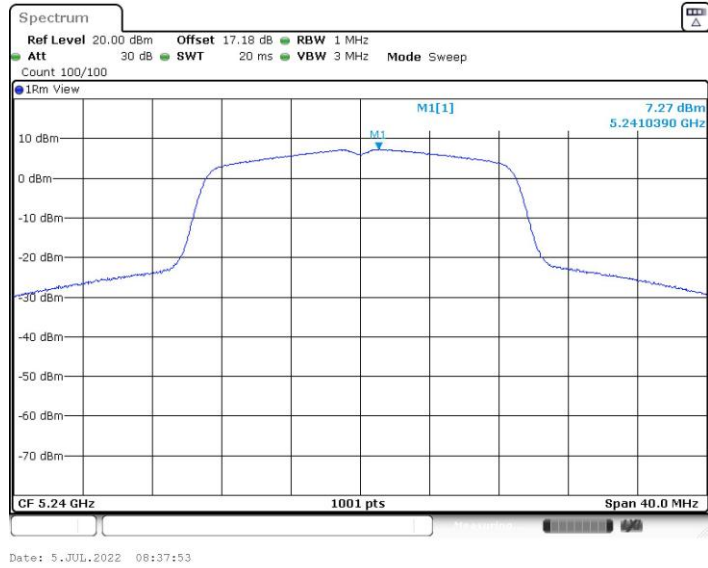


11AC20SISO_Ant1_5220

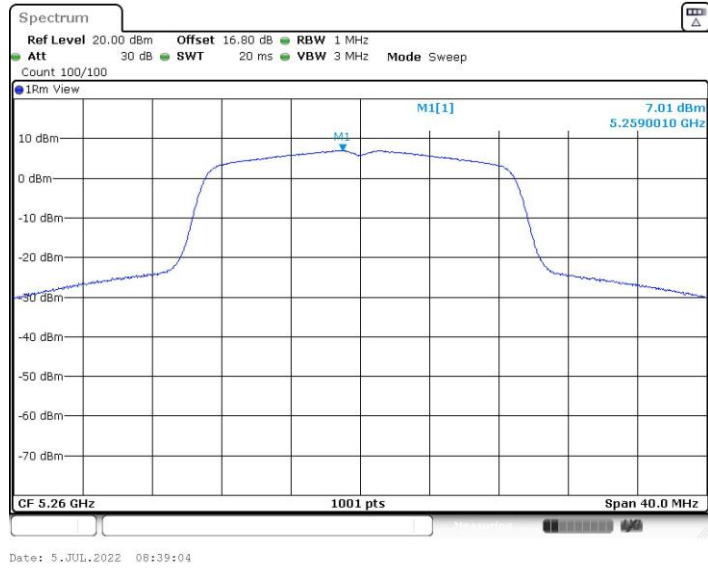




11AC20SISO_Ant1_5240

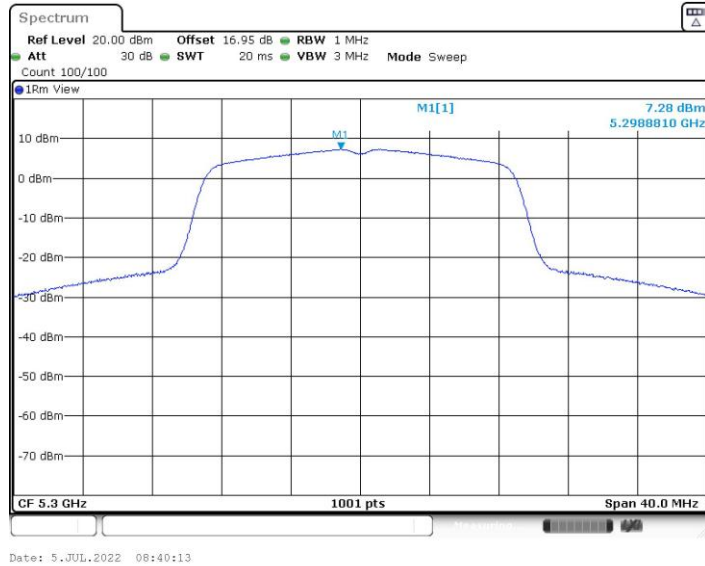


11AC20SISO_Ant1_5260





11AC20SISO_Ant1_5300

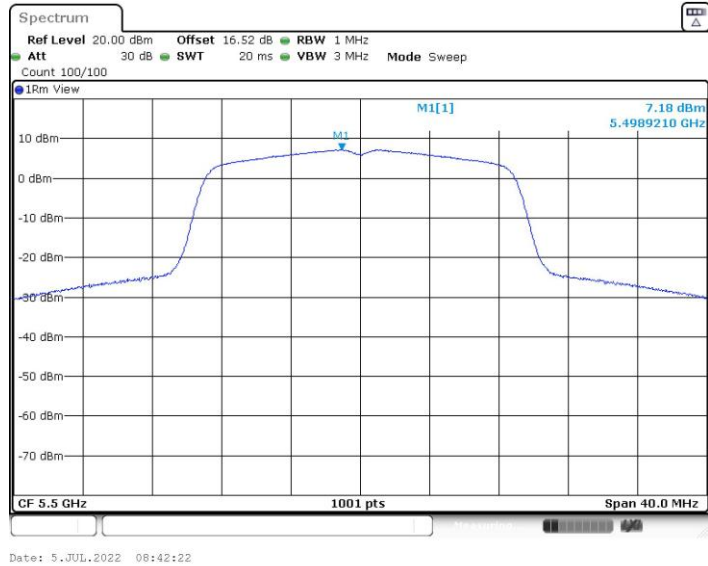


11AC20SISO_Ant1_5320





11AC20SISO_Ant1_5500

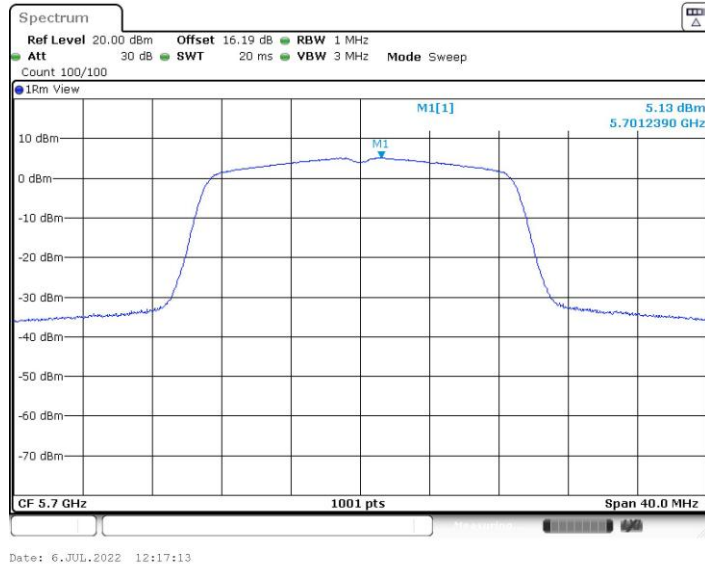


11AC20SISO_Ant1_5580

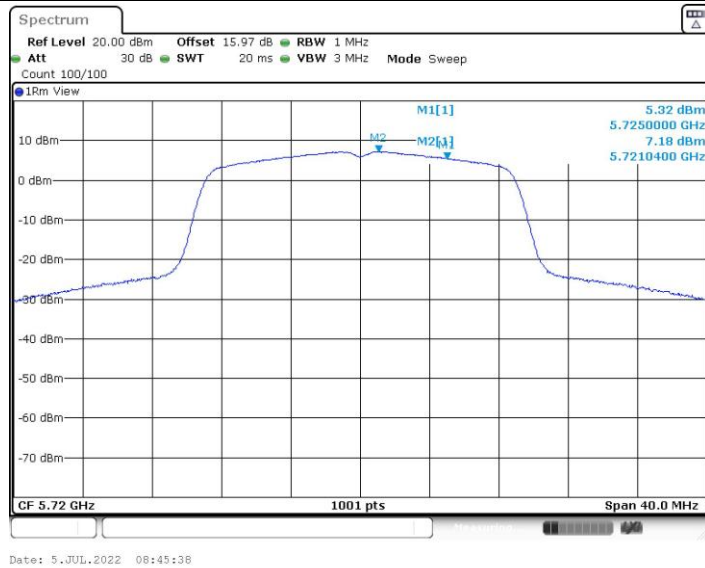




11AC20SISO_Ant1_5700

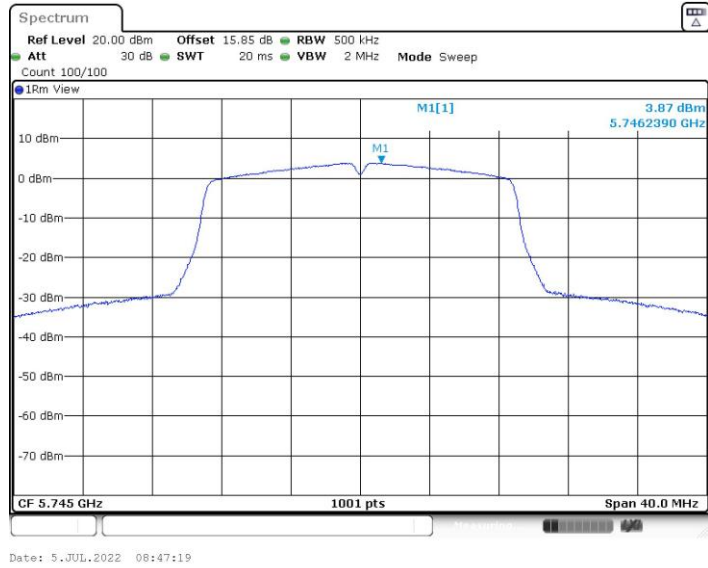


11AC20SISO_Ant1_5720

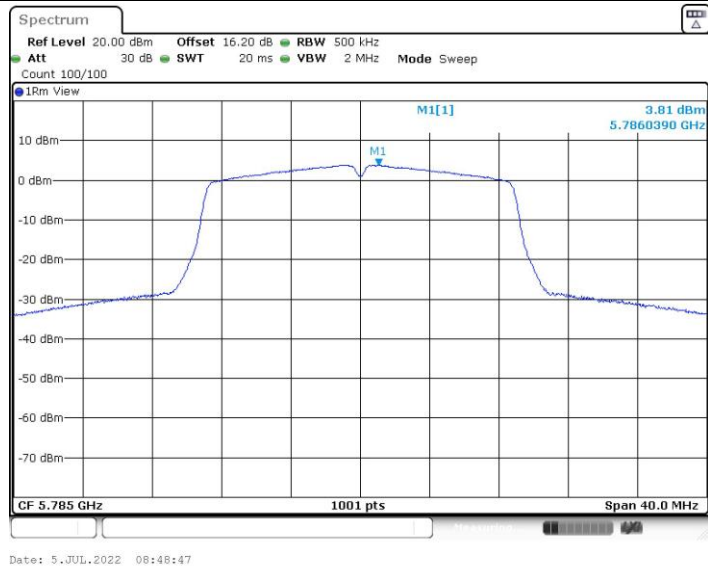


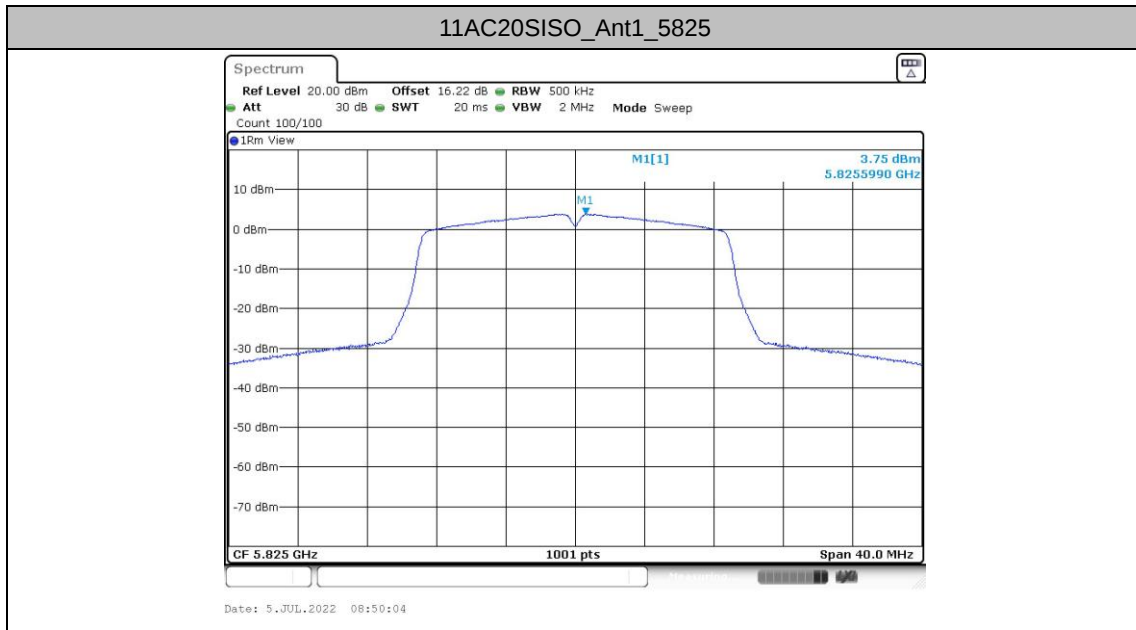


11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785







11AC40SISO_Ant1_5190

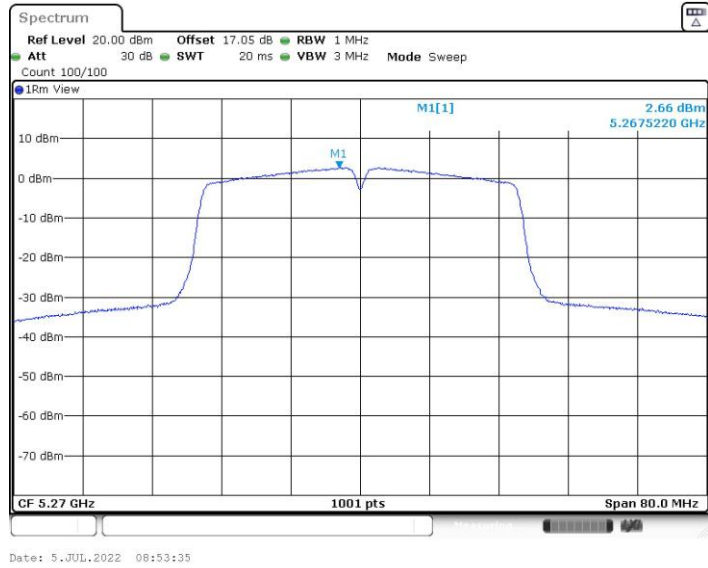


11AC40SISO_Ant1_5230

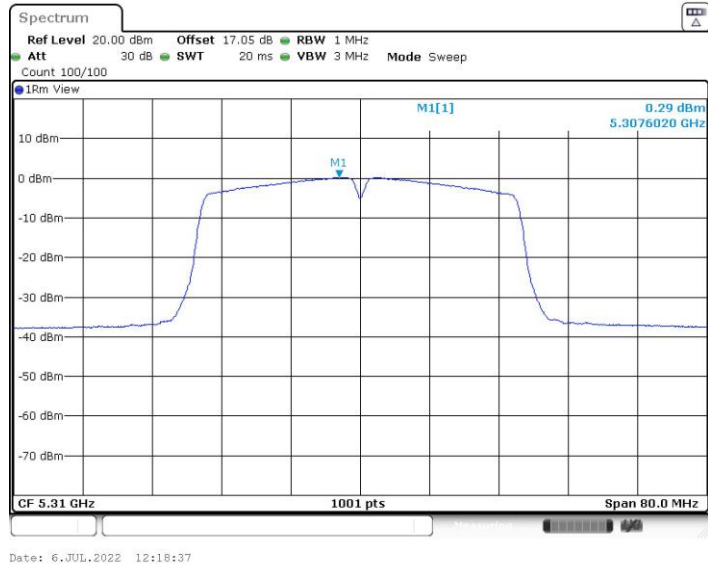




11AC40SISO_Ant1_5270

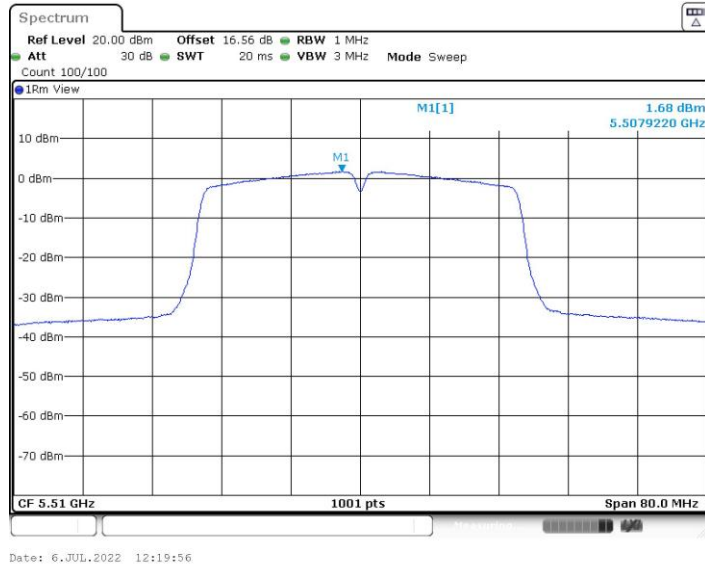


11AC40SISO_Ant1_5310

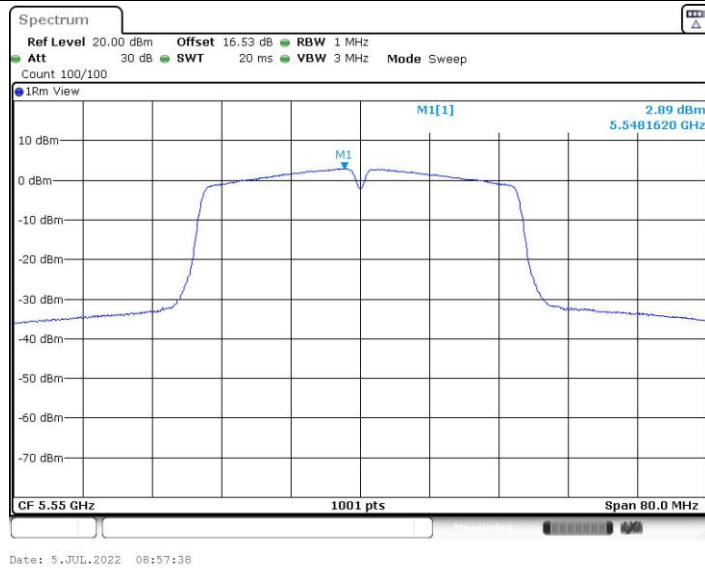




11AC40SISO_Ant1_5510

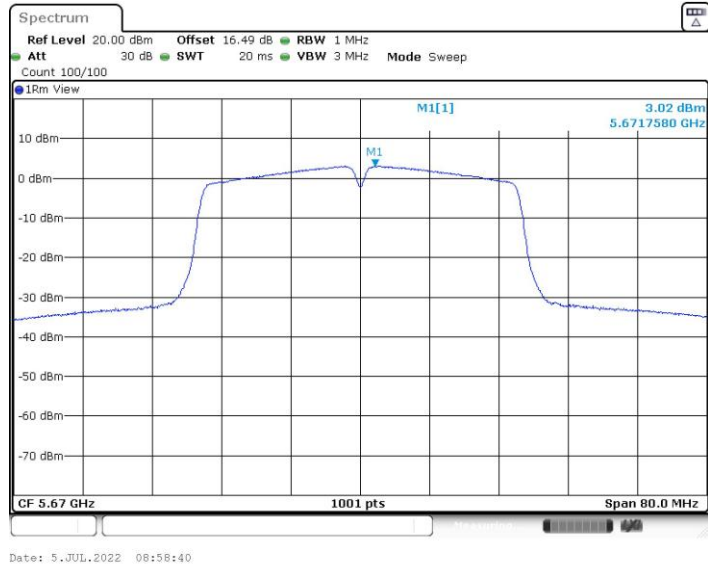


11AC40SISO_Ant1_5550





11AC40SISO_Ant1_5670

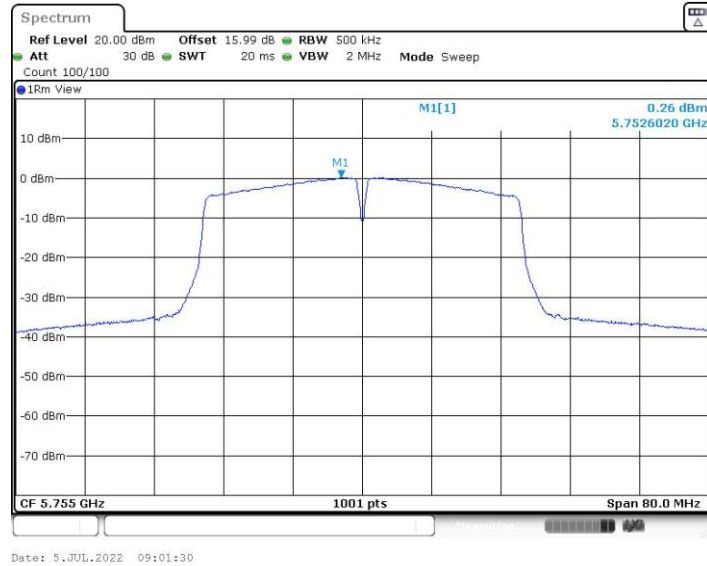


11AC40SISO_Ant1_5710





11AC40SISO_Ant1_5755

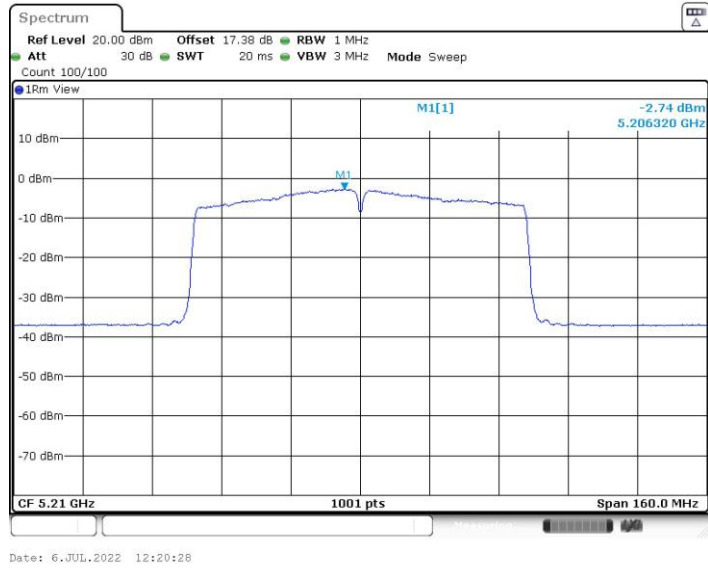


11AC40SISO_Ant1_5795

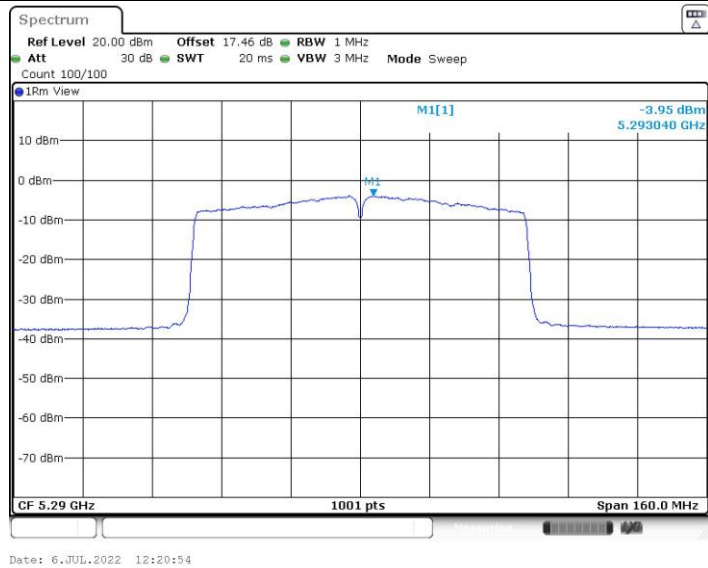




11AC80SISO_Ant1_5210

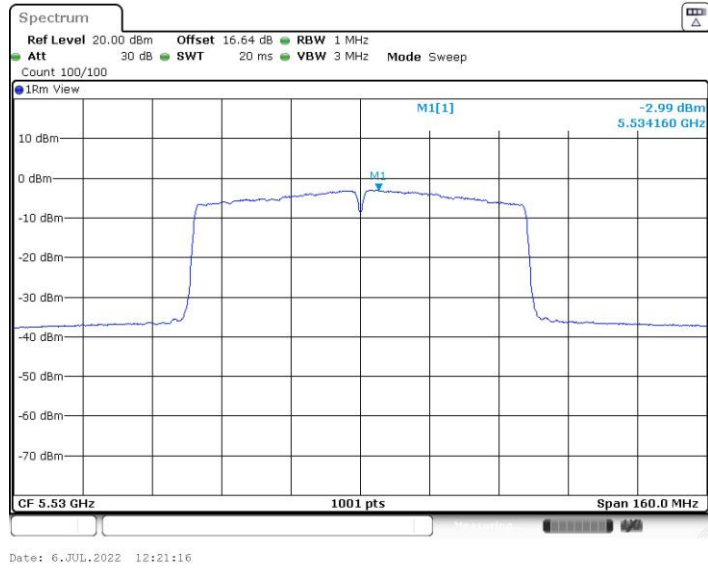


11AC80SISO_Ant1_5290

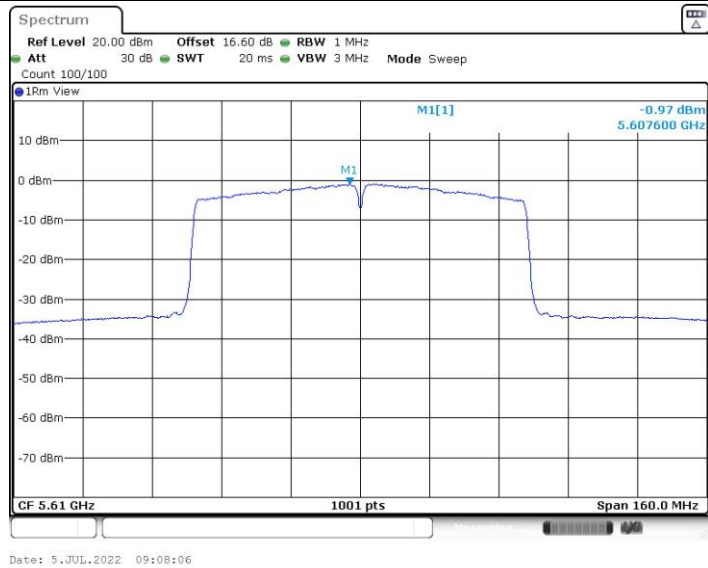




11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

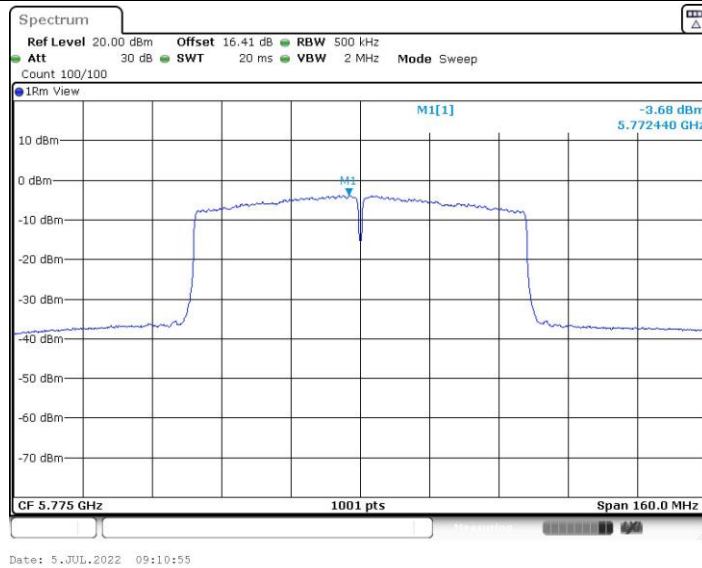




11AC80SISO_Ant1_5690

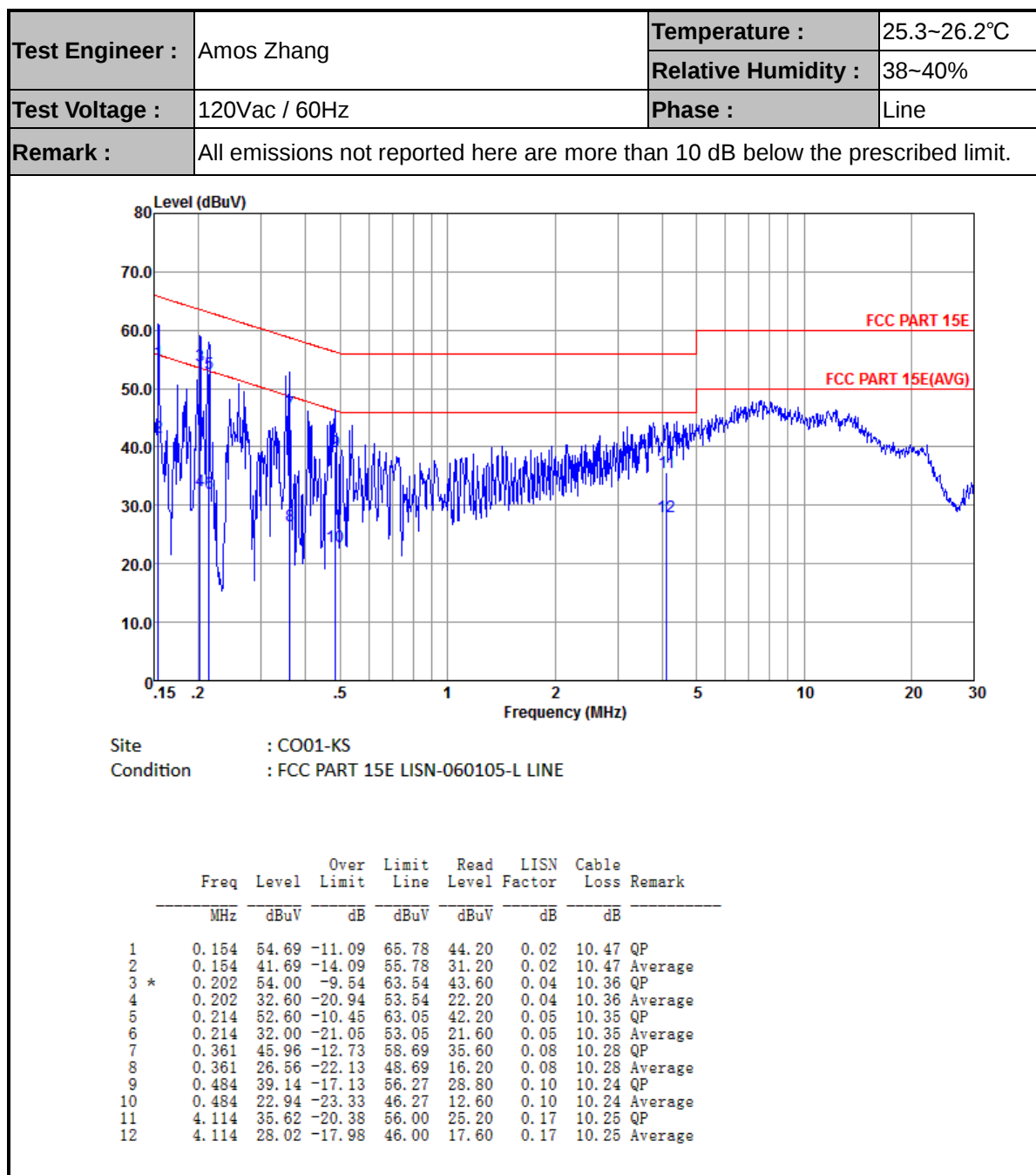


11AC80SISO_Ant1_5775



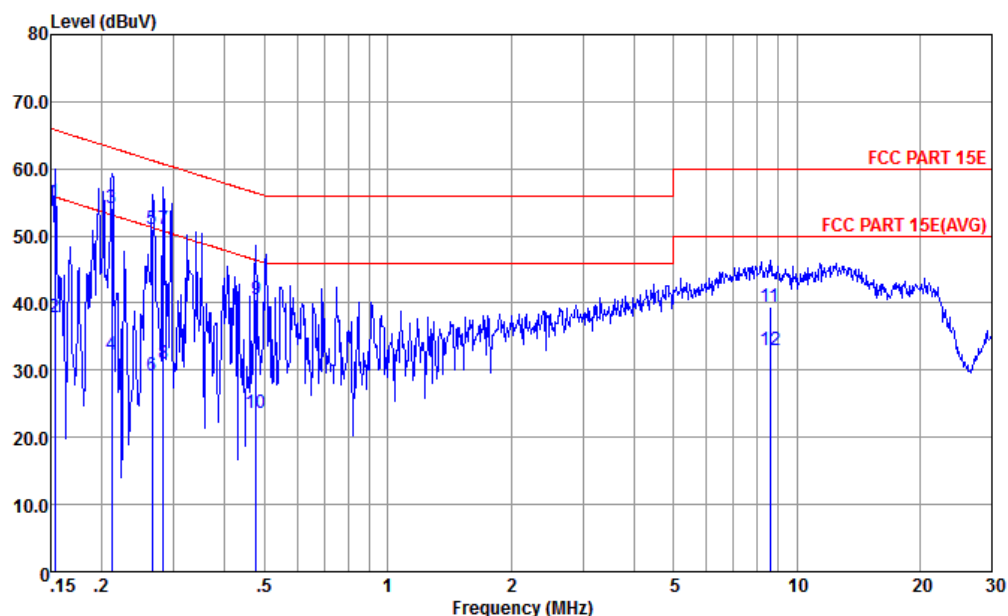


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC PART 15E LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBμV	Limit	Line	Level	Factor	Loss	
			dB	dBμV	dBμV	dB	dB	
1	0.153	55.08	-10.74	65.82	44.50	0.11	10.47	QP
2	0.153	37.78	-18.04	55.82	27.20	0.11	10.47	Average
3 *	0.212	54.06	-9.08	63.14	43.60	0.10	10.36	QP
4	0.212	32.36	-20.78	53.14	21.90	0.10	10.36	Average
5	0.266	51.02	-10.23	61.25	40.60	0.10	10.32	QP
6	0.266	29.22	-22.03	51.25	18.80	0.10	10.32	Average
7	0.283	51.02	-9.70	60.72	40.60	0.10	10.32	QP
8	0.283	31.02	-19.70	50.72	20.60	0.10	10.32	Average
9	0.476	40.55	-15.86	56.41	30.20	0.11	10.24	QP
10	0.476	23.65	-22.76	46.41	13.30	0.11	10.24	Average
11	8.592	39.34	-20.66	60.00	28.79	0.22	10.33	QP
12	8.592	33.04	-16.96	50.00	22.49	0.22	10.33	Average

Note:

1. $\text{Level(dB}\mu\text{V)} = \text{Read Level(dB}\mu\text{V)} + \text{LISN Factor(dB)} + \text{Cable Loss(dB)}$
2. $\text{Over Limit(dB)} = \text{Level(dB}\mu\text{V)} - \text{Limit Line(dB}\mu\text{V)}$