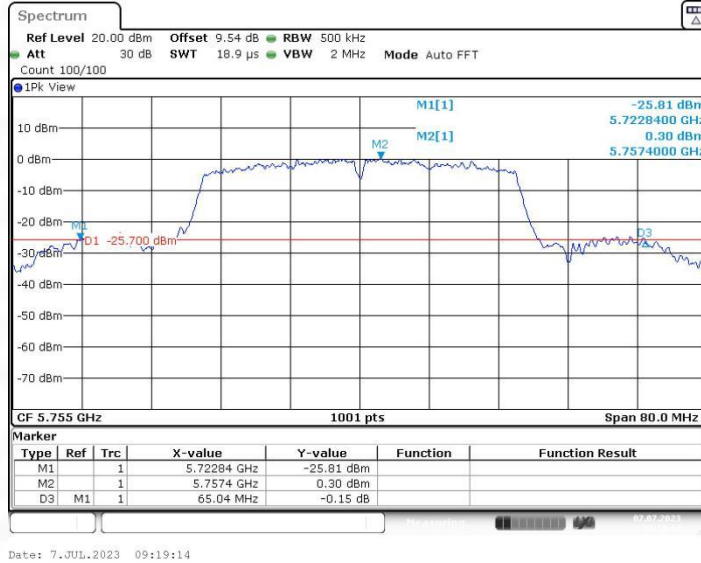
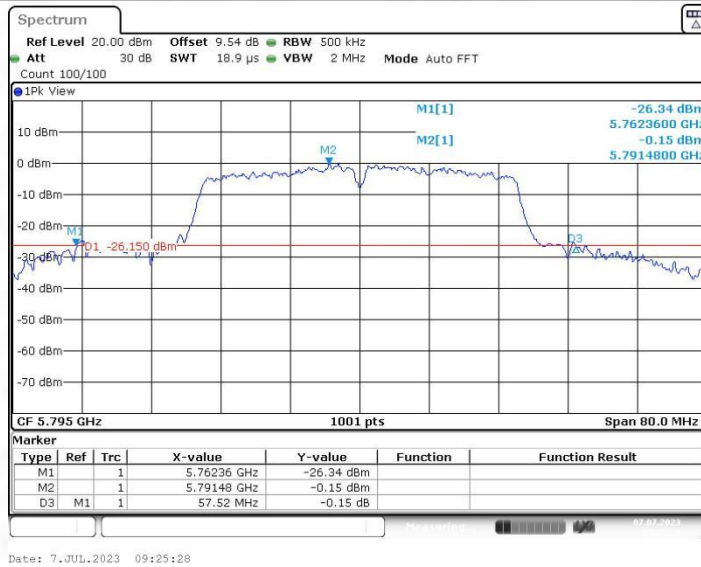


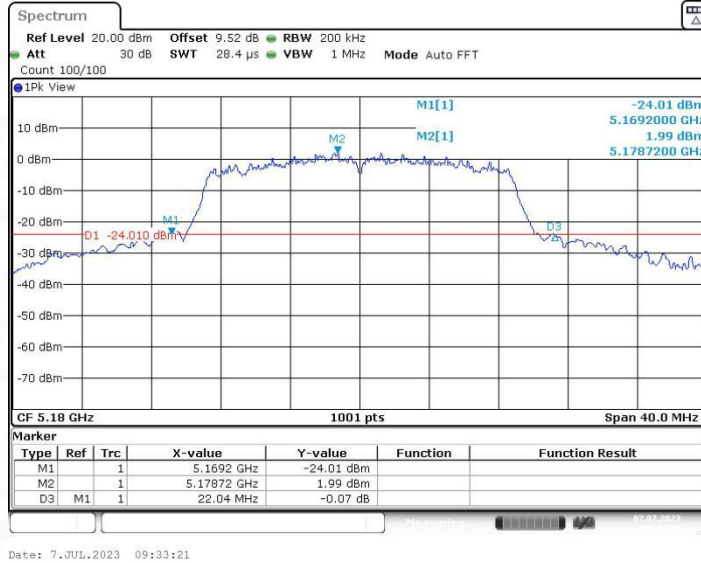
11N40SISO\_Ant1\_5755



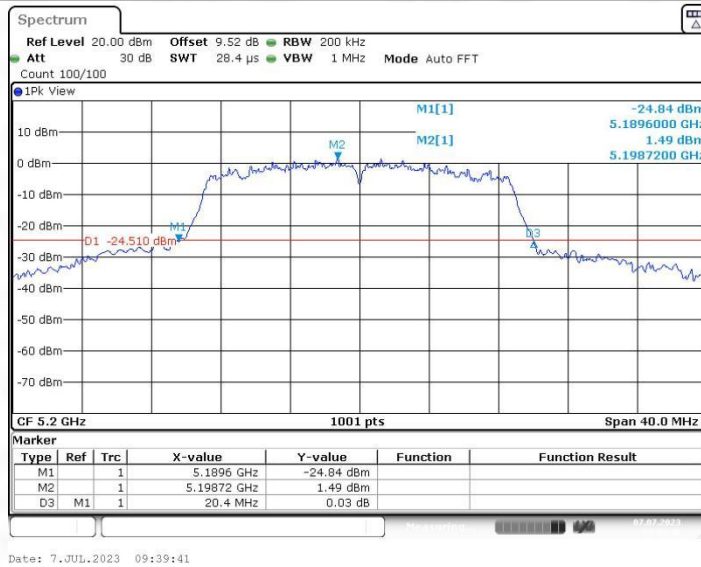
11N40SISO\_Ant1\_5795



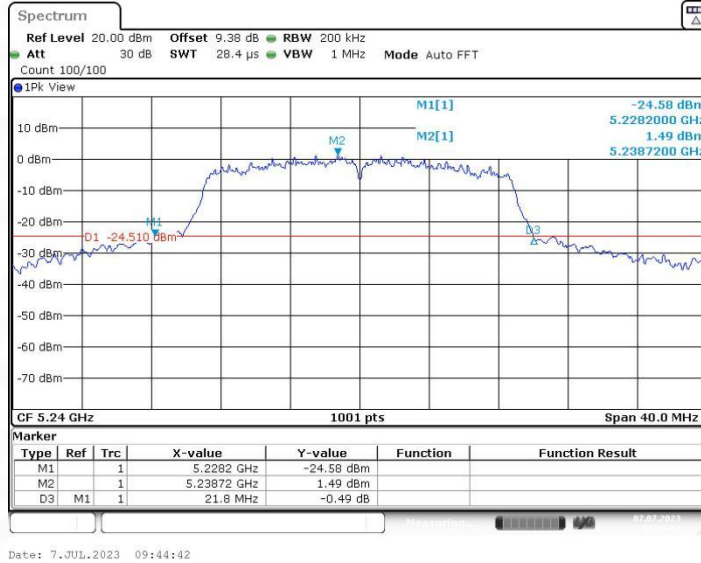
11AC20SISO\_Ant1\_5180



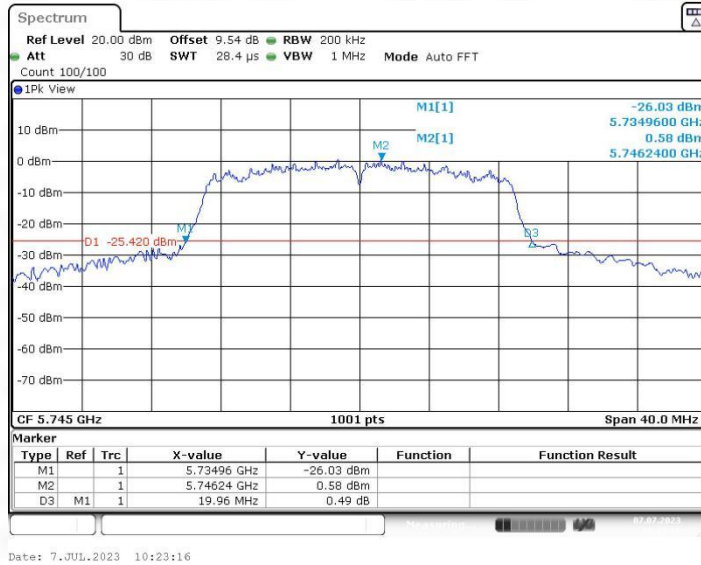
11AC20SISO\_Ant1\_5200



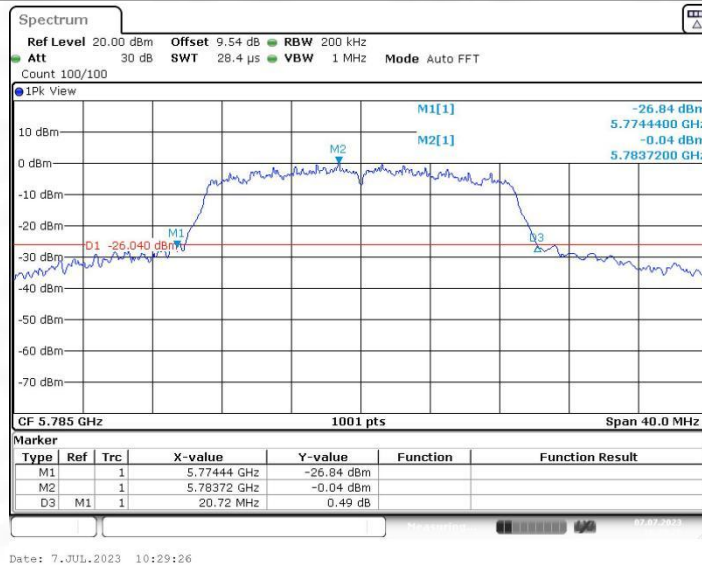
11AC20SISO\_Ant1\_5240



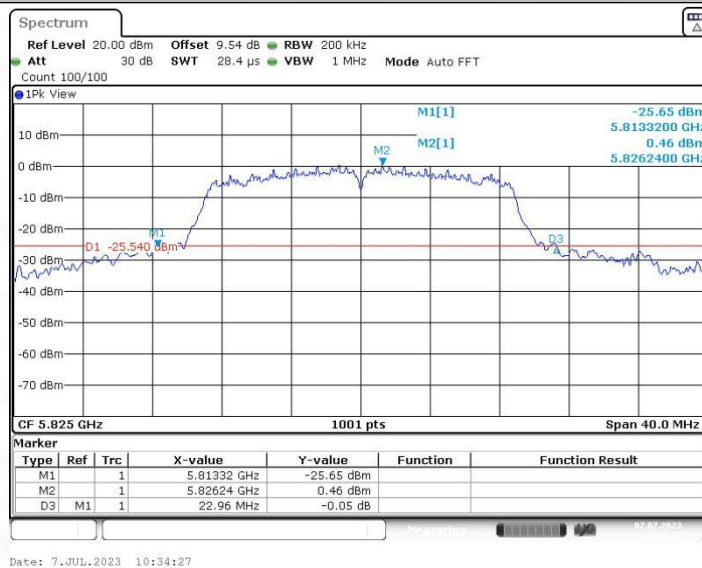
11AC20SISO\_Ant1\_5745



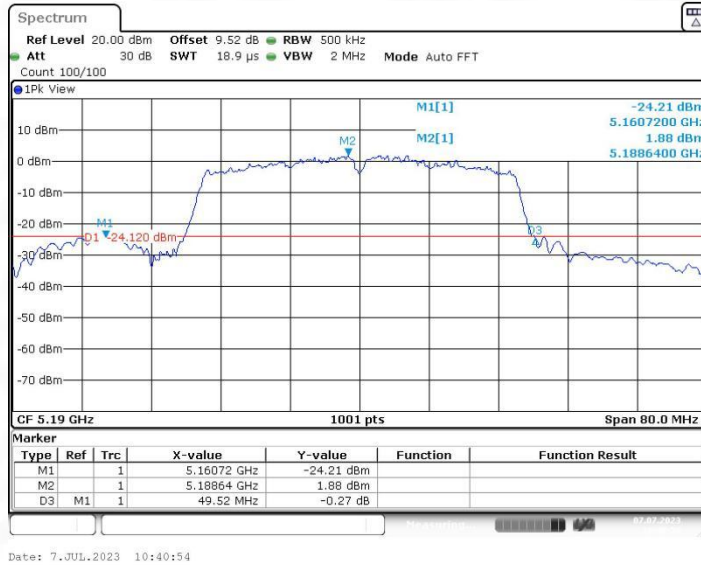
11AC20SISO\_Ant1\_5785



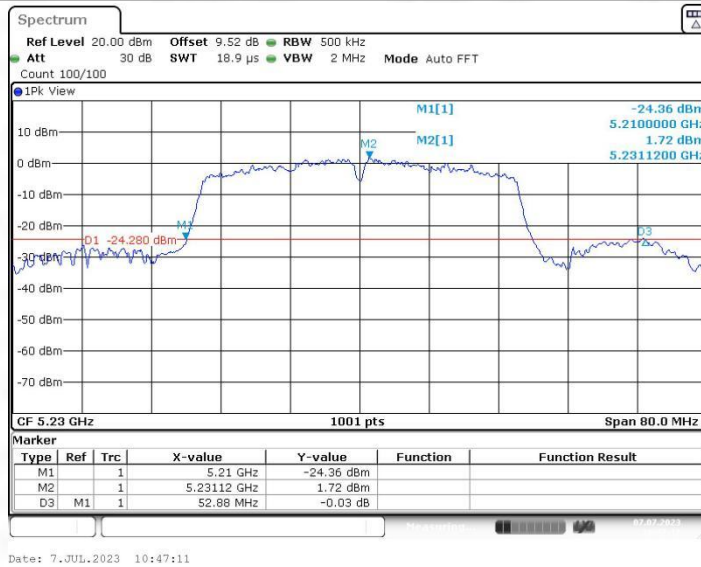
11AC20SISO\_Ant1\_5825



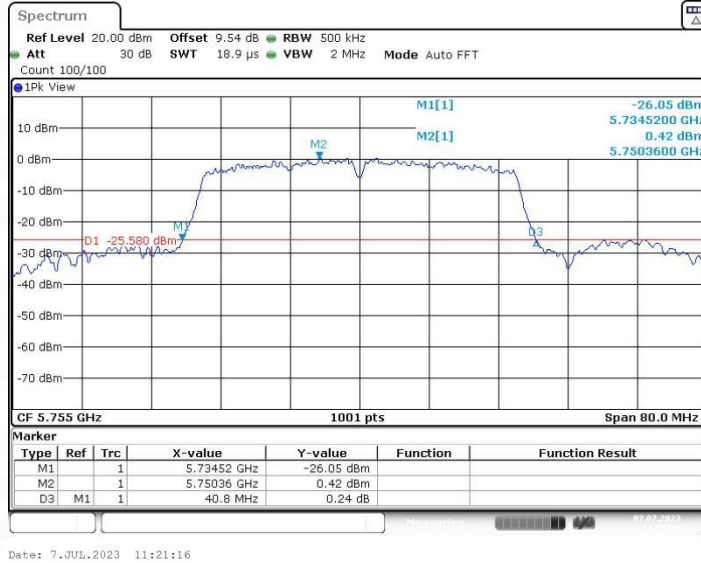
11AC40SISO\_Ant1\_5190



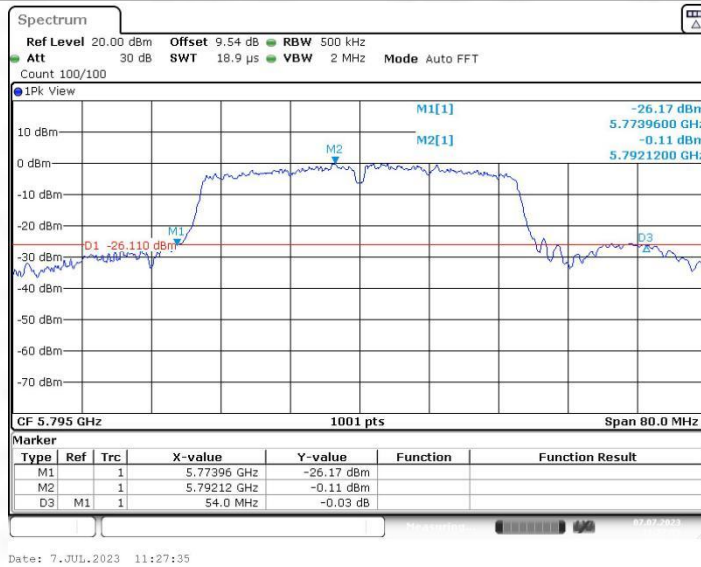
11AC40SISO\_Ant1\_5230



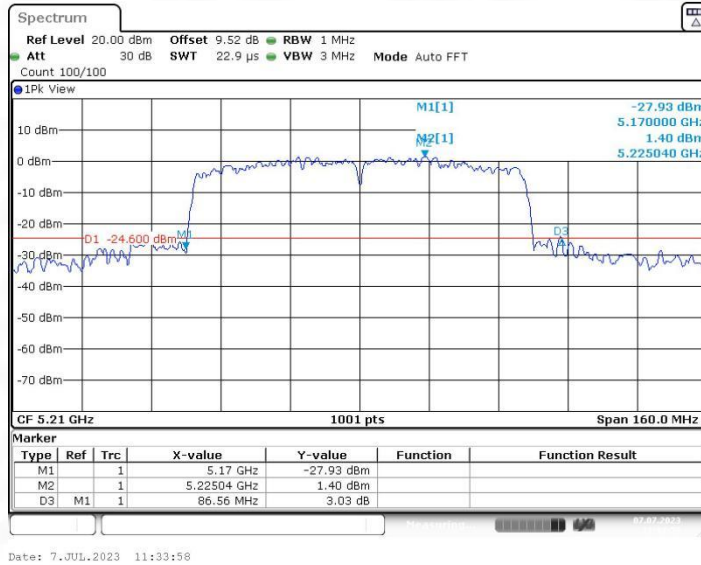
11AC40SISO\_Ant1\_5755



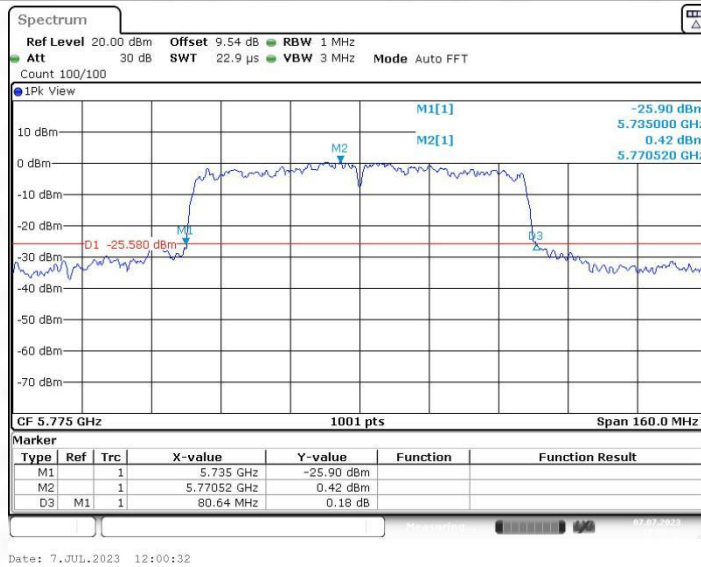
11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5775



### 3. Maximum Conducted Output Power

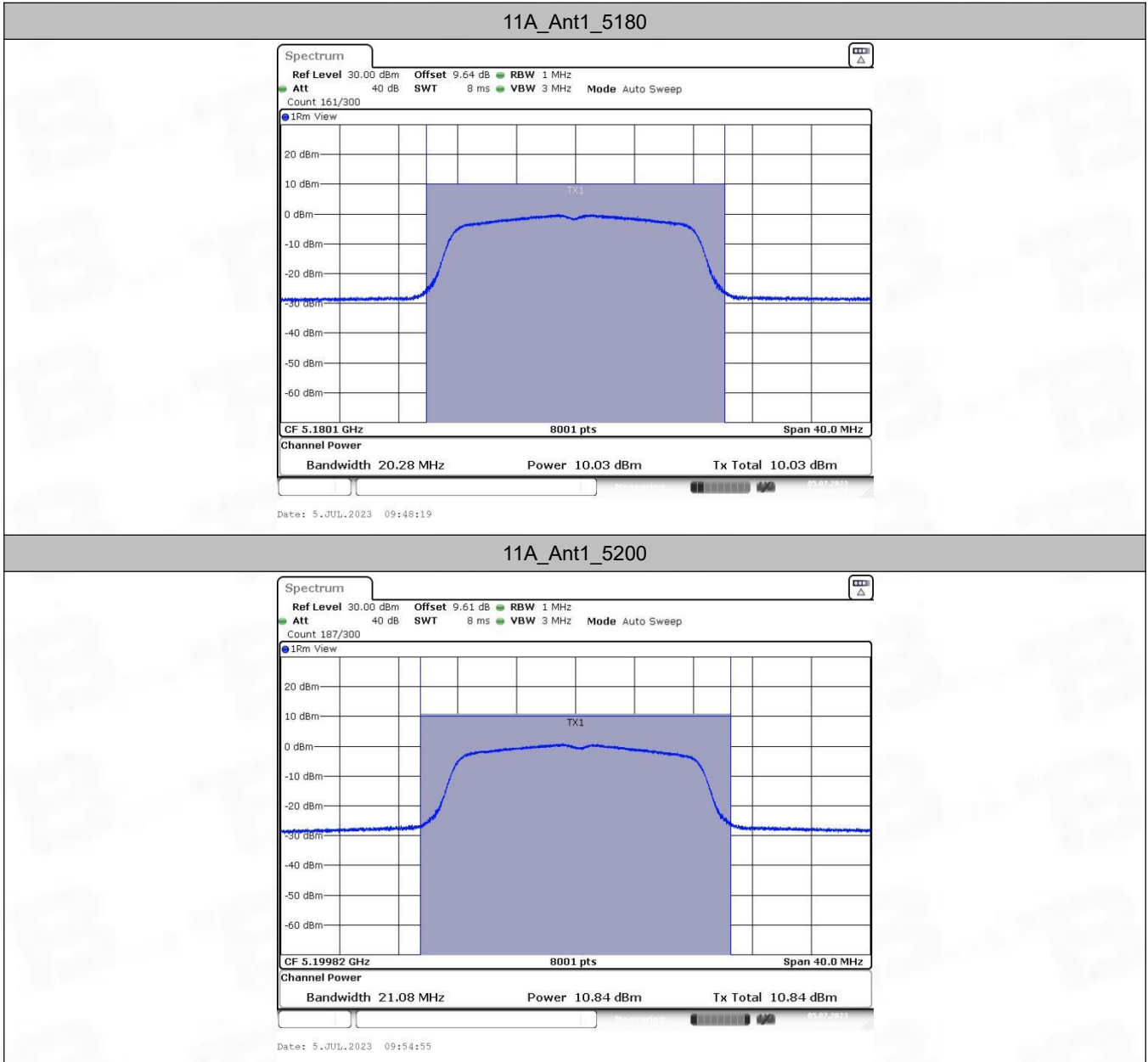
#### 3.1 Power

##### 3.1.1 Test Result

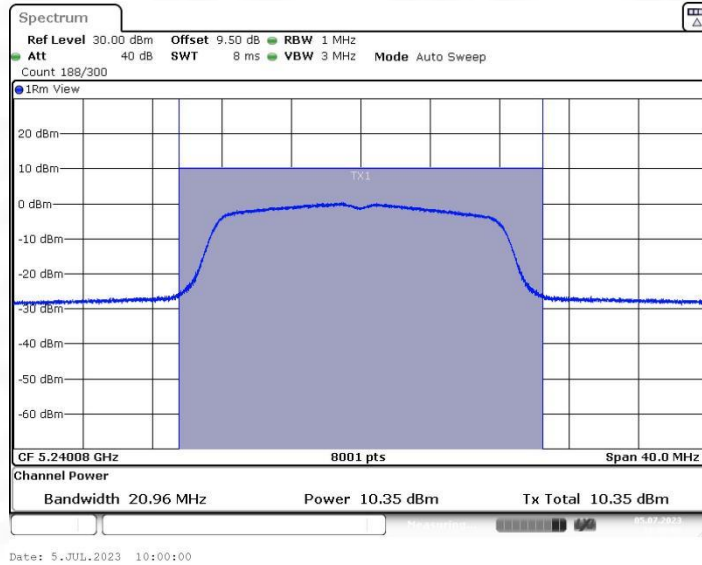
Test Mode	Antenna	Freq(MHz)	Result [dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	12.73	<=23.98	PASS
		5200	10.55	<=23.98	PASS
		5240	10.82	<=23.98	PASS
		5745	13.44	≤30	PASS
		5785	12.71	≤30	PASS
		5825	12.09	≤30	PASS
11N20SISO	Ant1	5180	13.00	<=23.98	PASS
		5200	12.39	<=23.98	PASS
		5240	12.66	<=23.98	PASS
		5745	12.58	≤30	PASS
		5785	12.31	≤30	PASS
		5825	12.16	≤30	PASS
11N40SISO	Ant1	5190	13.40	<=23.98	PASS
		5230	12.53	<=23.98	PASS
		5755	13.07	≤30	PASS
		5795	13.00	≤30	PASS
11AC20SISO	Ant1	5180	12.03	<=23.98	PASS
		5200	12.63	<=23.98	PASS
		5240	11.90	<=23.98	PASS
		5745	11.22	≤30	PASS
		5785	10.68	≤30	PASS
		5825	10.68	≤30	PASS
11AC40SISO	Ant1	5190	12.55	<=23.98	PASS
		5230	12.76	<=23.98	PASS
		5755	12.32	≤30	PASS
		5795	10.61	≤30	PASS
11AC80SISO	Ant1	5210	12.38	≤23.98	PASS
		5775	11.51	≤30	PASS



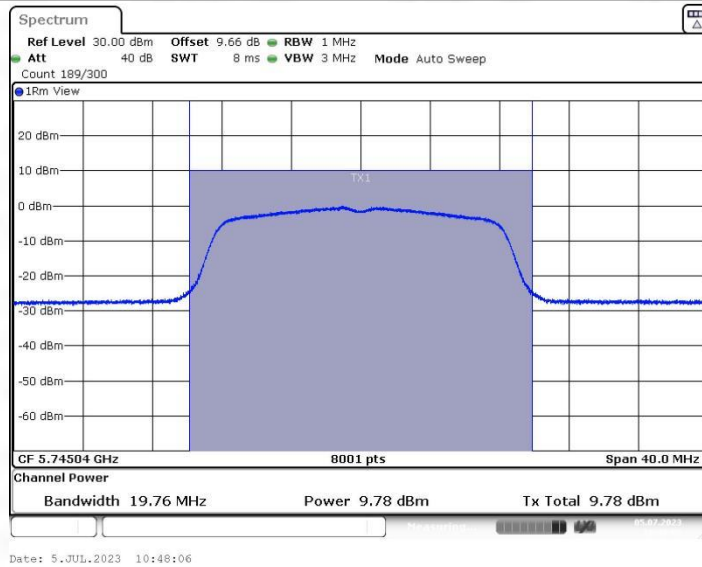
### 3.1.2 Test Graph



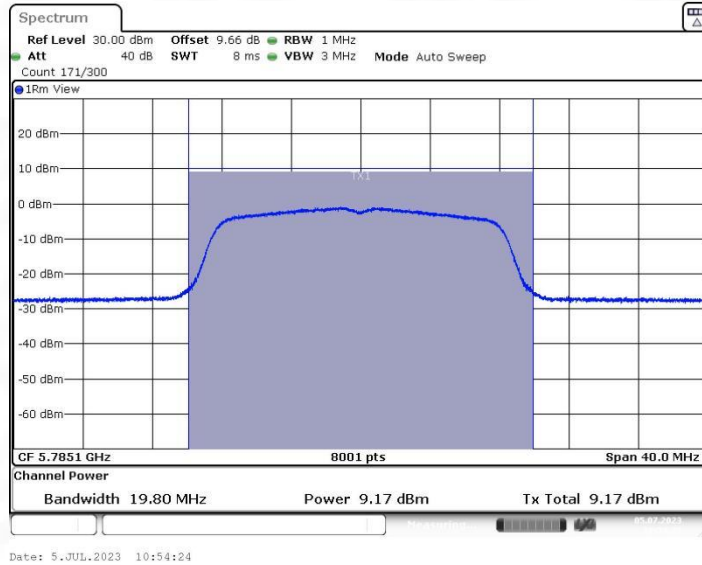
11A\_Ant1\_5240



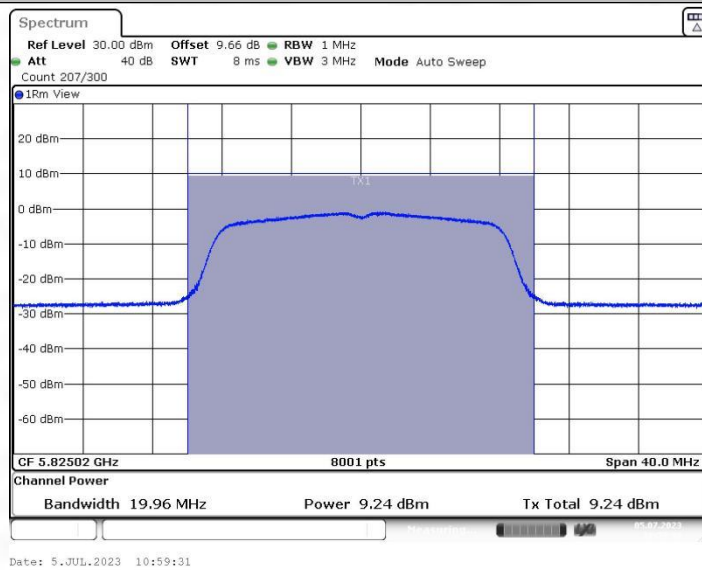
11A\_Ant1\_5745



11A\_Ant1\_5785



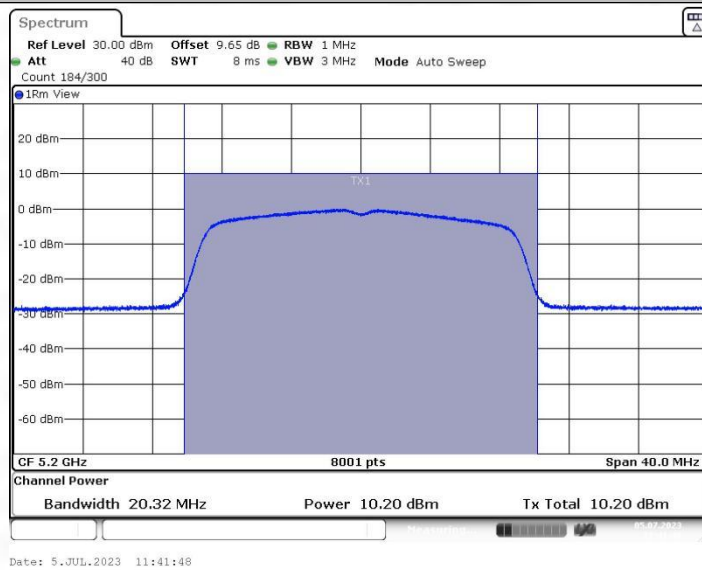
11A\_Ant1\_5825



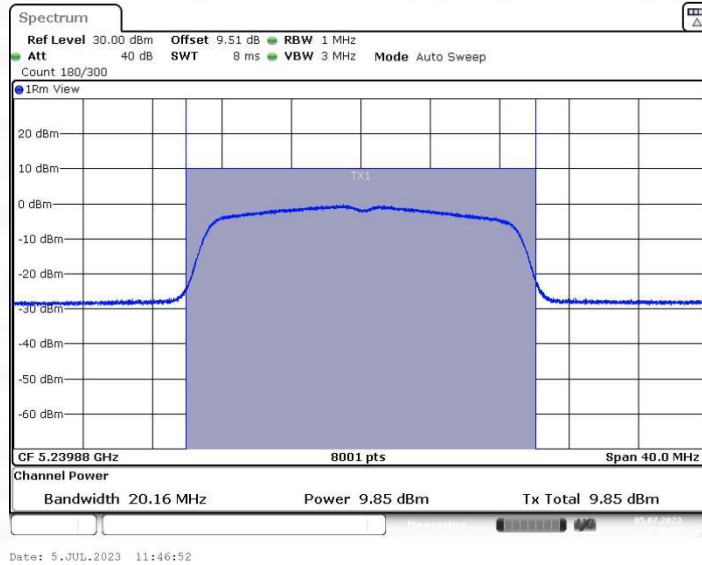
11N20SISO\_Ant1\_5180



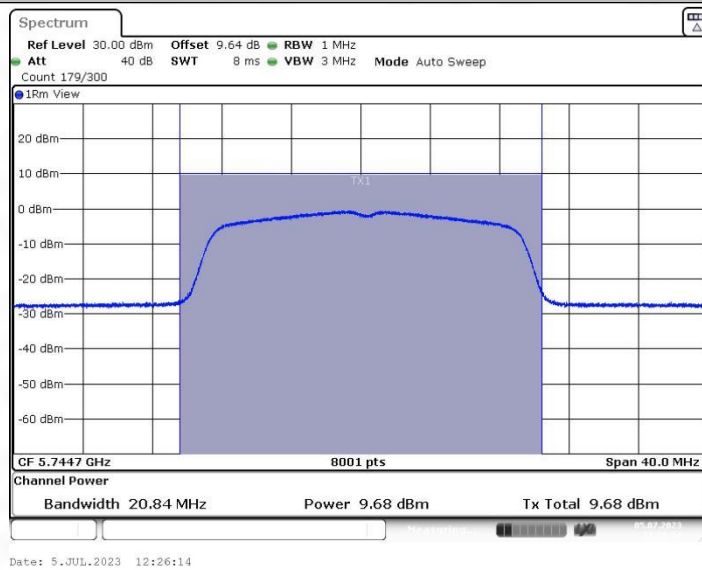
11N20SISO\_Ant1\_5200



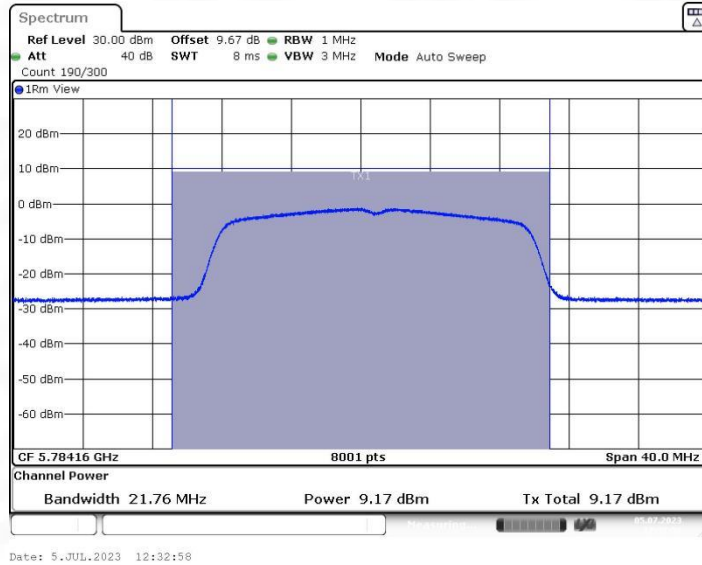
11N20SISO\_Ant1\_5240



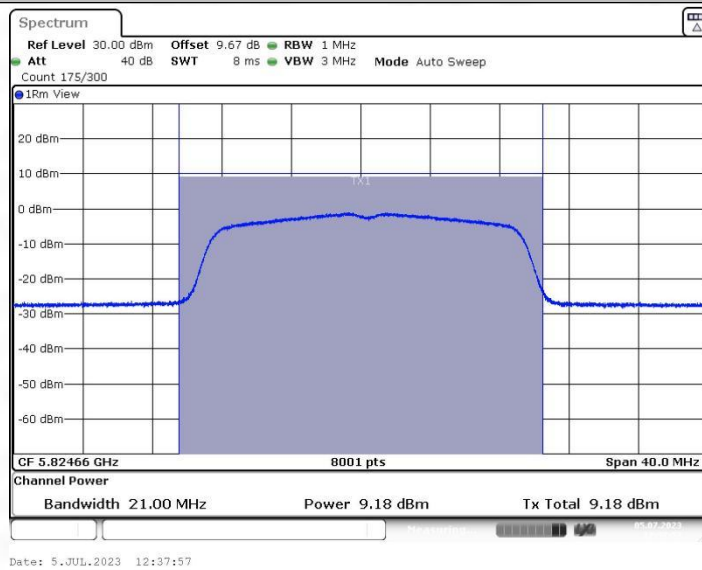
11N20SISO\_Ant1\_5745



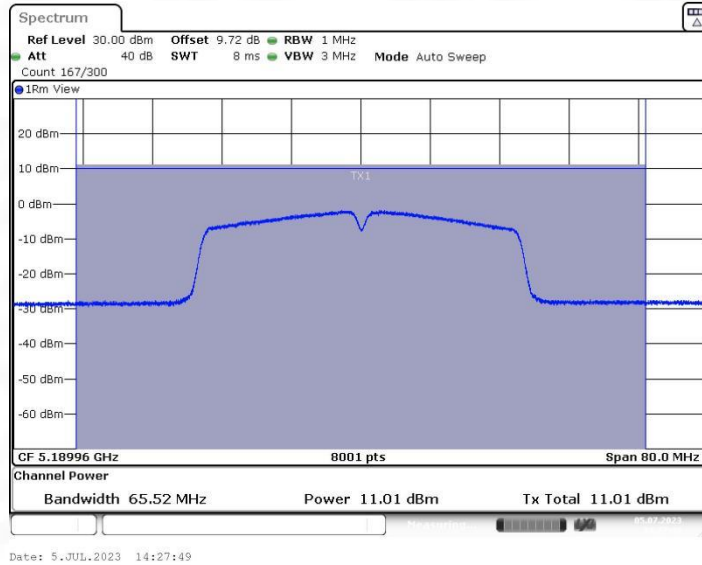
11N20SISO\_Ant1\_5785



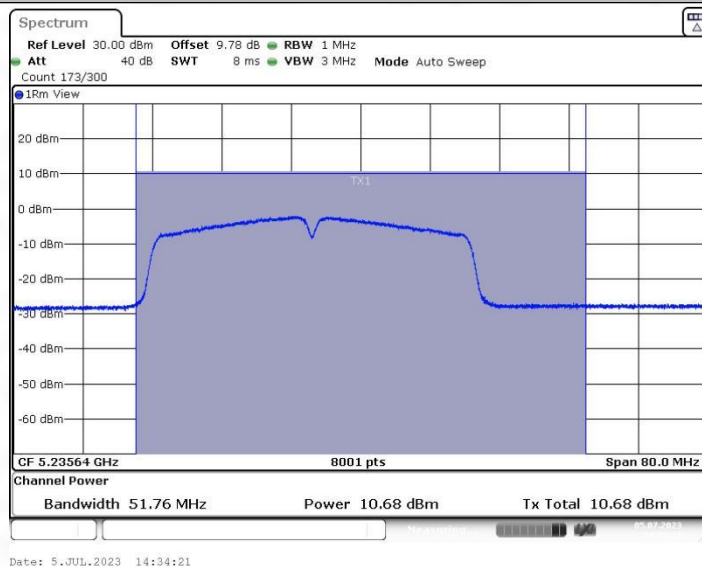
11N20SISO\_Ant1\_5825



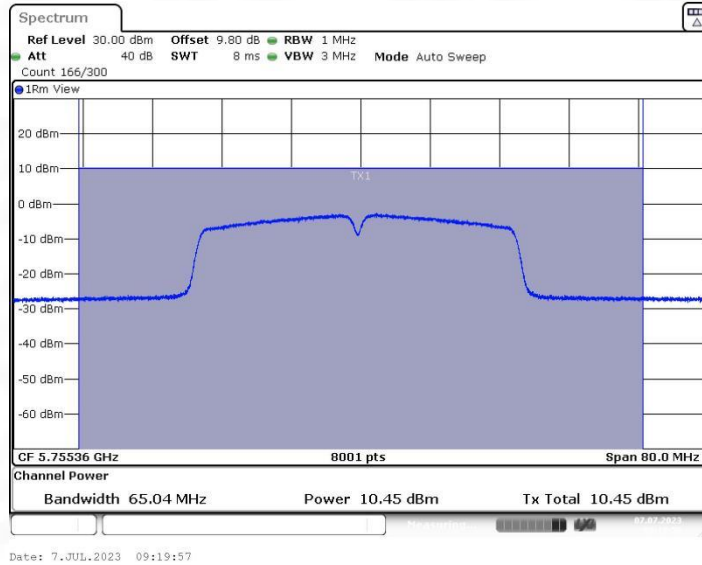
11N40SISO\_Ant1\_5190



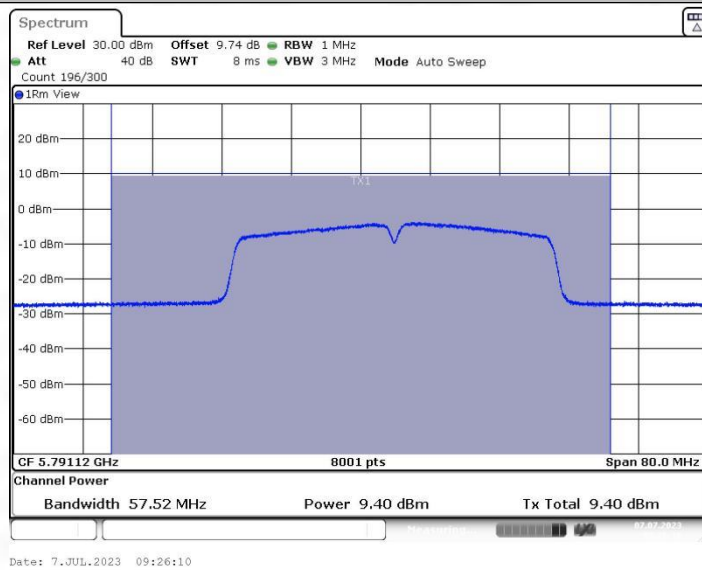
11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5755

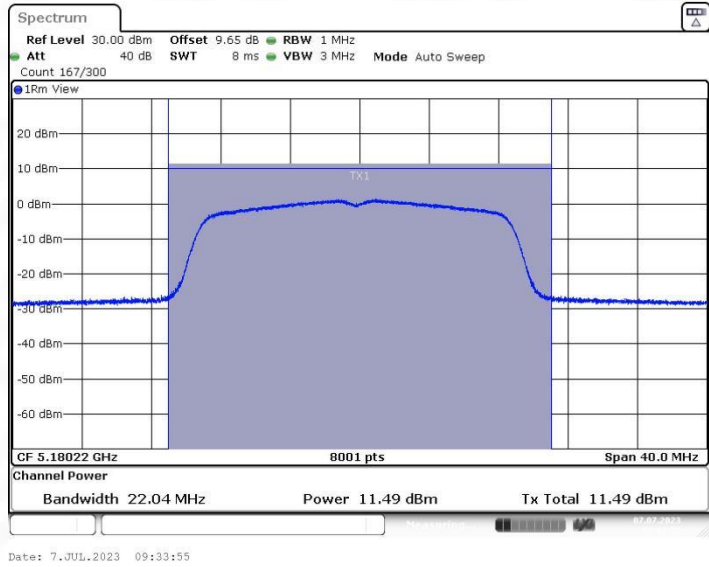


11N40SISO\_Ant1\_5795

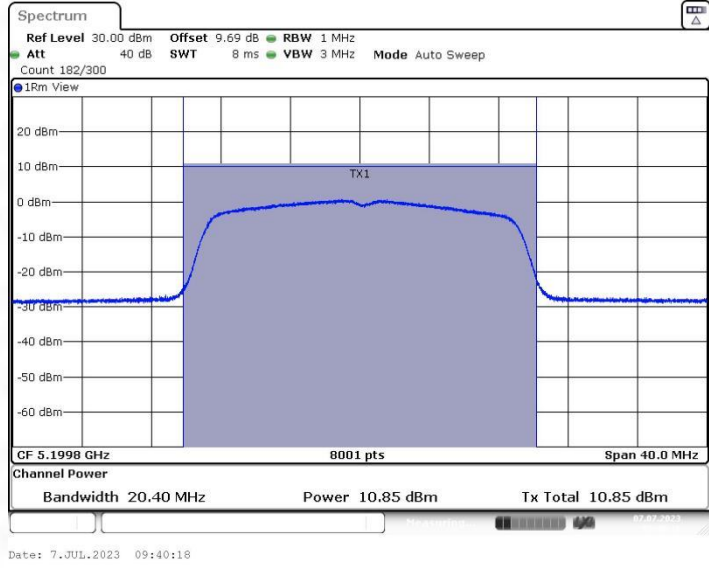




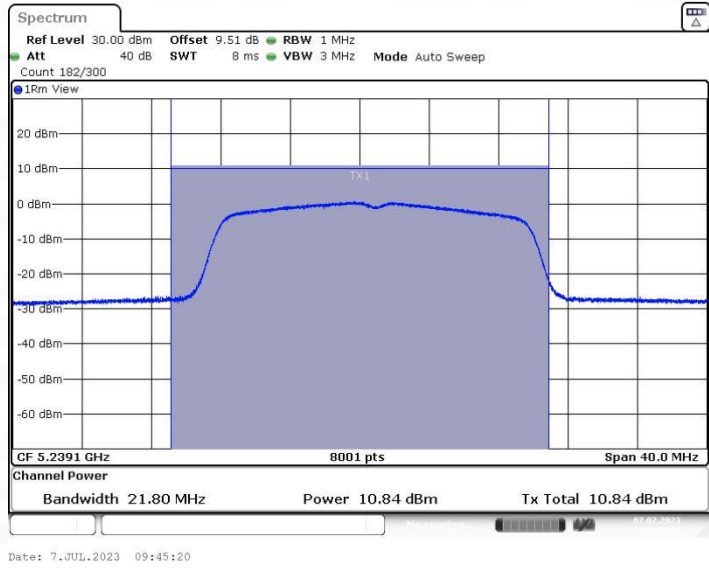
11AC20SISO\_Ant1\_5180



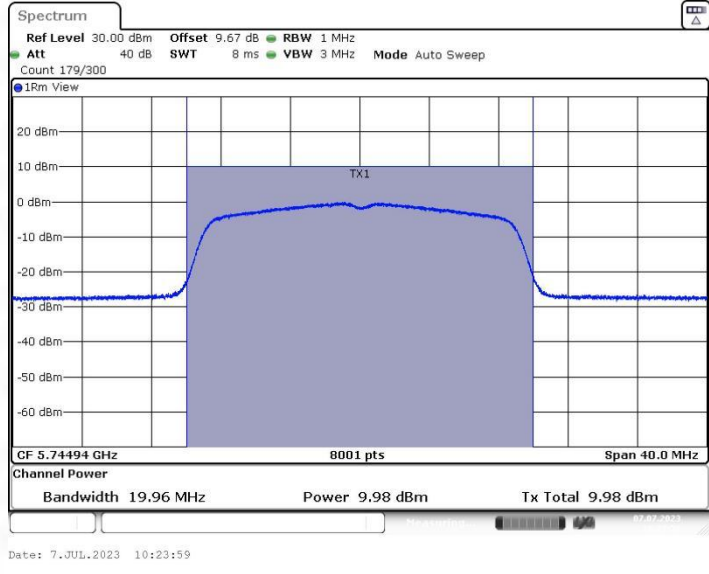
11AC20SISO\_Ant1\_5200



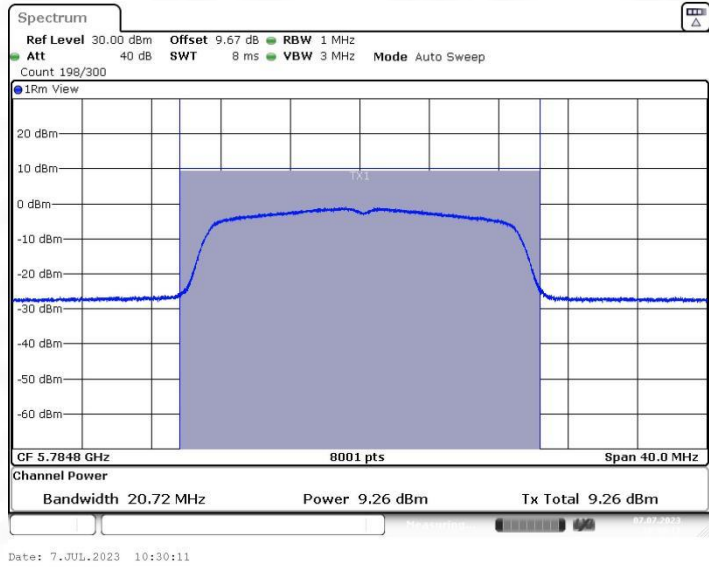
11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



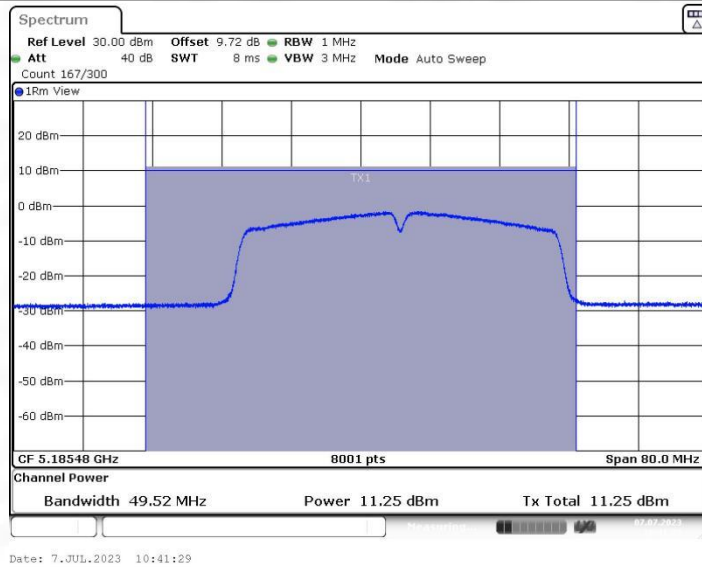
11AC20SISO\_Ant1\_5785



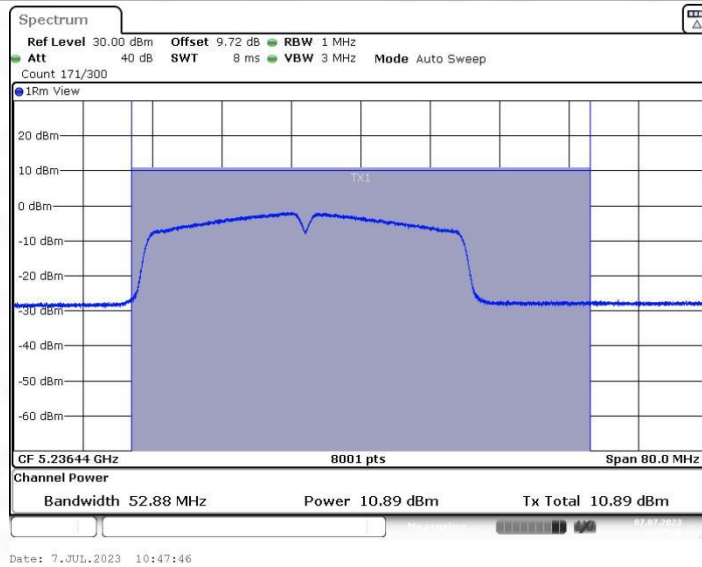
11AC20SISO\_Ant1\_5825



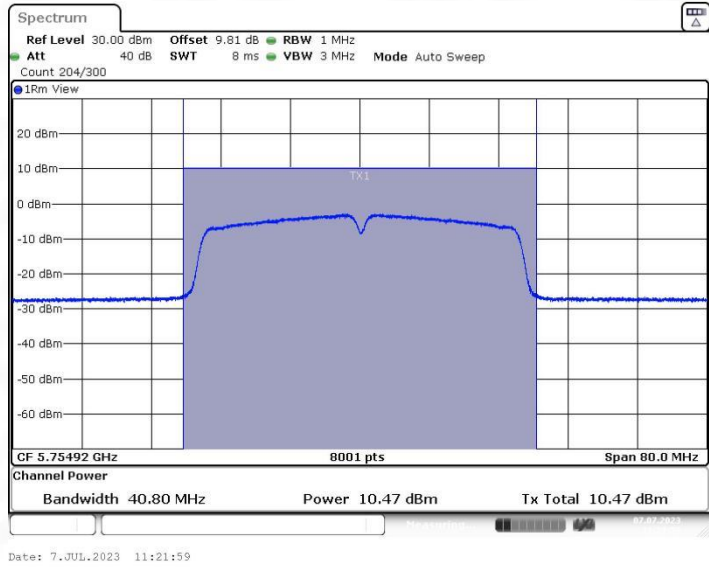
11AC40SISO\_Ant1\_5190



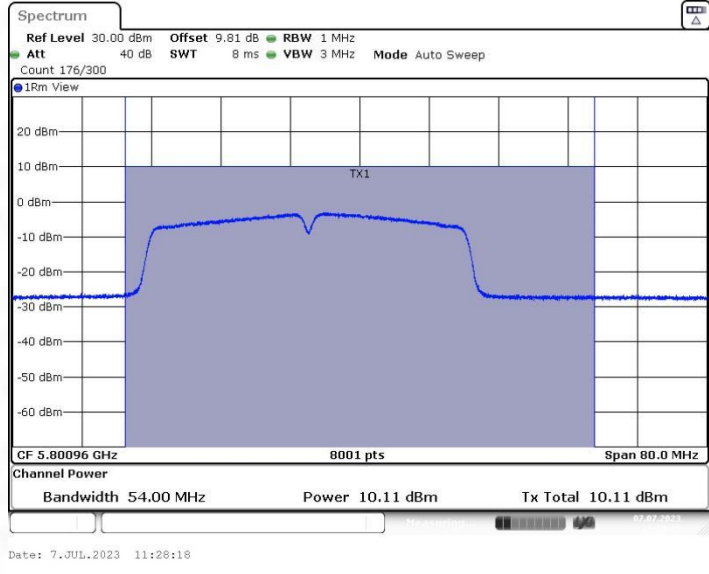
11AC40SISO\_Ant1\_5230



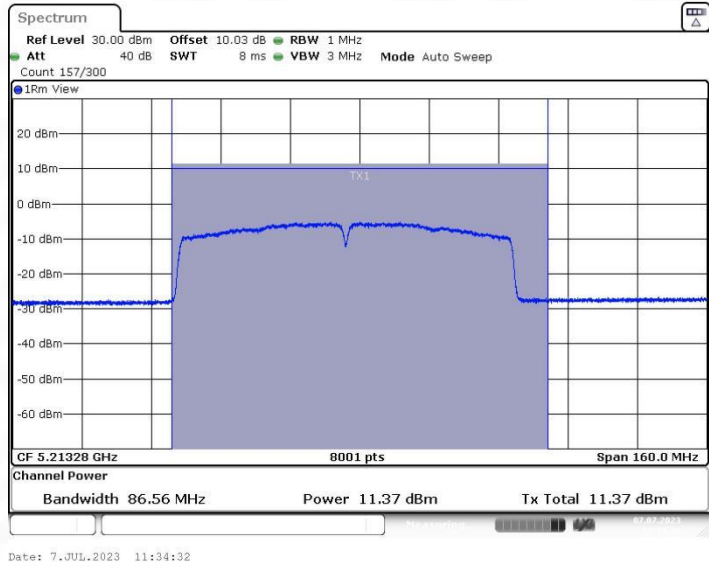
11AC40SISO\_Ant1\_5755



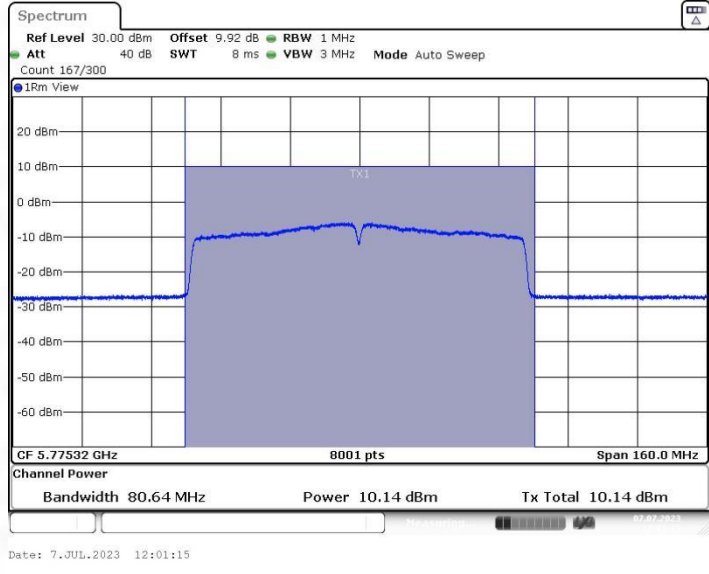
11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5775



## 4. Maximum Power Spectral Density

### 4.1 PSD

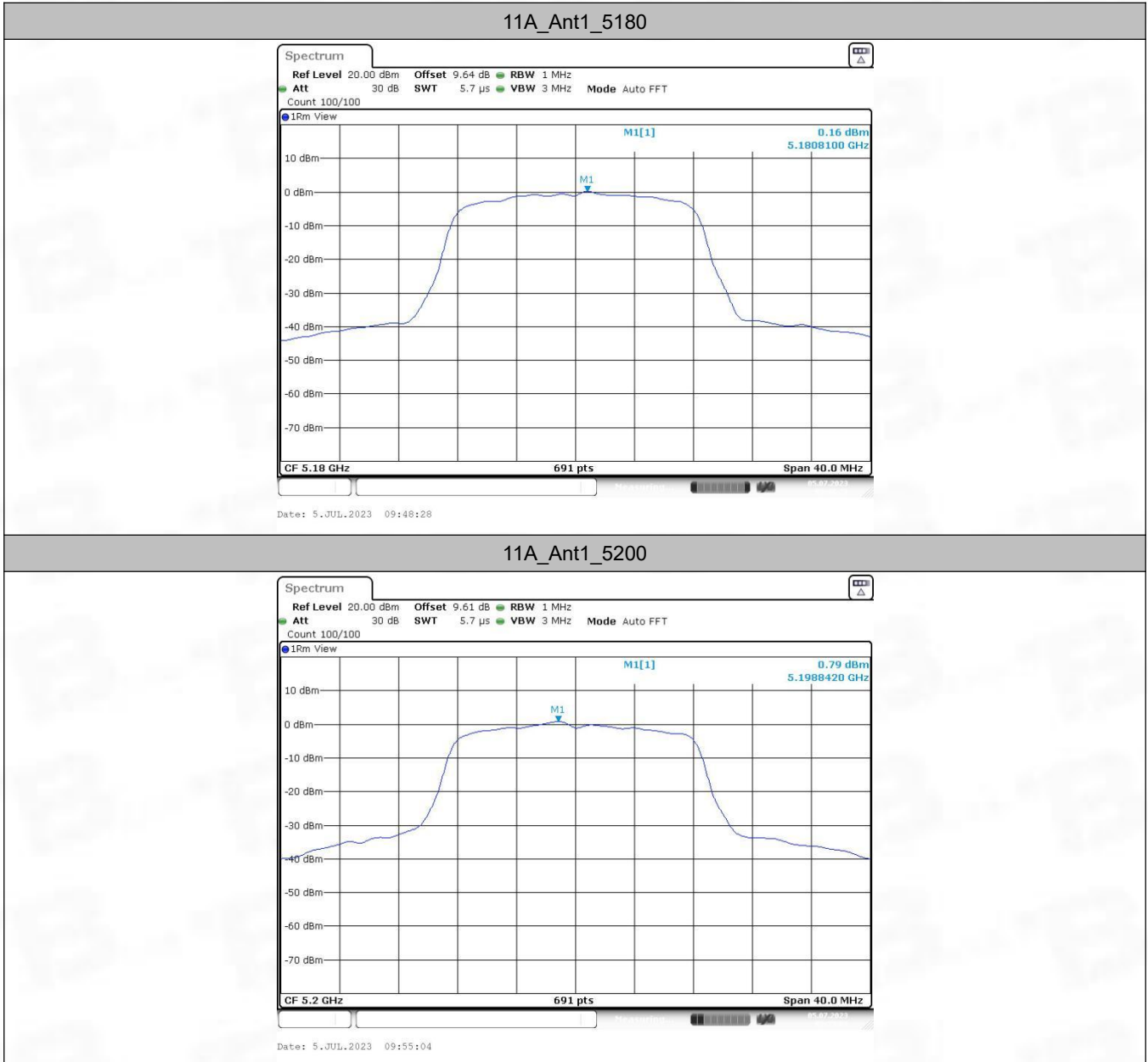
#### 4.1.1 Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.16	≤11.00	PASS
		5200	0.79	≤11.00	PASS
		5240	0.47	≤11.00	PASS
		5745	-3.63	≤30.00	PASS
		5785	-3.9	≤30.00	PASS
		5825	-4.29	≤30.00	PASS
11N20SISO	Ant1	5180	-1.61	≤11.00	PASS
		5200	-0.09	≤11.00	PASS
		5240	-0.76	≤11.00	PASS
		5745	-3.73	≤30.00	PASS
		5785	-4.19	≤30.00	PASS
		5825	-4.19	≤30.00	PASS
11N40SISO	Ant1	5190	-1.9	≤11.00	PASS
		5230	-2.15	≤11.00	PASS
		5755	-6.07	≤30.00	PASS
		5795	-7.19	≤30.00	PASS
11AC20SISO	Ant1	5180	0.9	≤11.00	PASS
		5200	0.13	≤11.00	PASS
		5240	0.32	≤11.00	PASS
		5745	-3.49	≤30.00	PASS
		5785	-4.49	≤30.00	PASS
		5825	-4.04	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.21	≤11.00	PASS
		5230	-1.81	≤11.00	PASS
		5755	-6.54	≤30.00	PASS
		5795	-6.84	≤30.00	PASS
11AC80SISO	Ant1	5210	-5.46	≤11.00	PASS
		5775	-9.31	≤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.

### 4.1.2 Test Graph





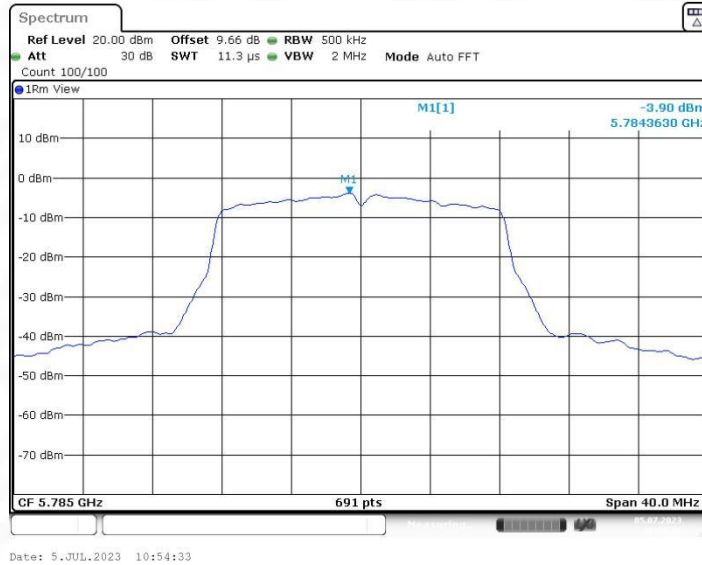
11A\_Ant1\_5240



11A\_Ant1\_5745



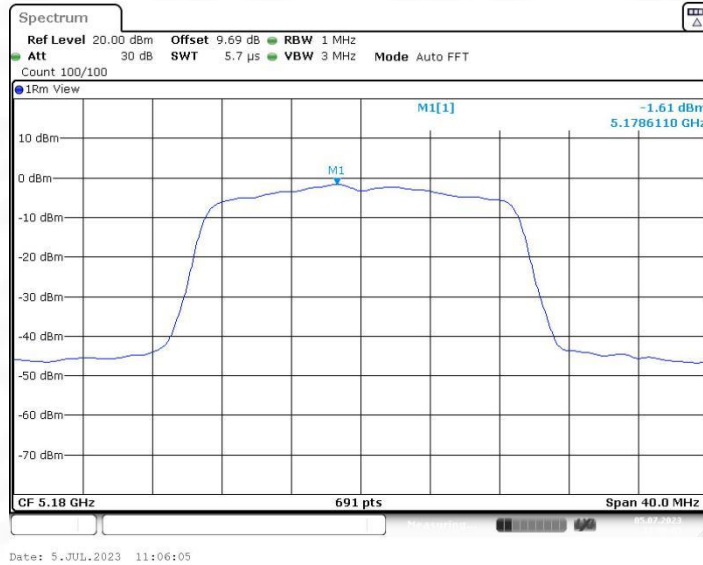
11A\_Ant1\_5785



11A\_Ant1\_5825



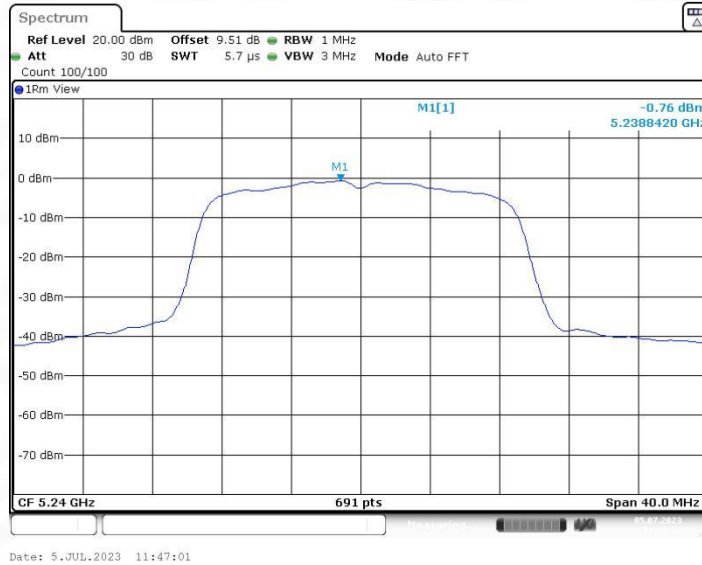
11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



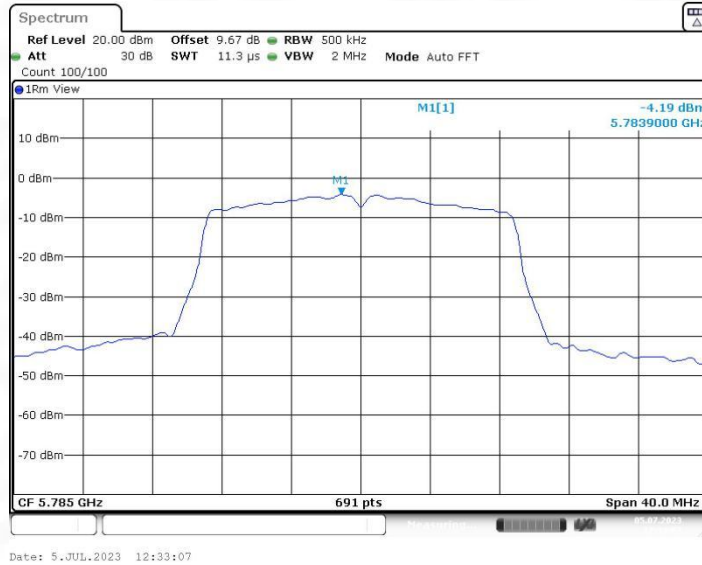
11N20SISO\_Ant1\_5240



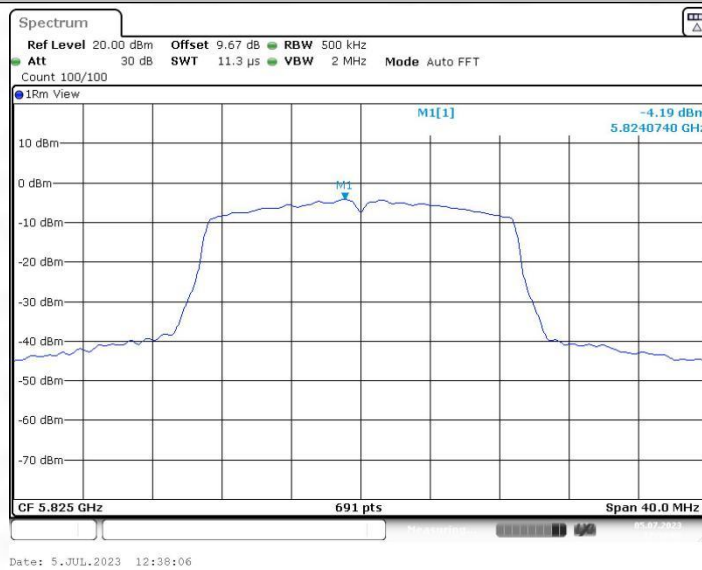
11N20SISO\_Ant1\_5745



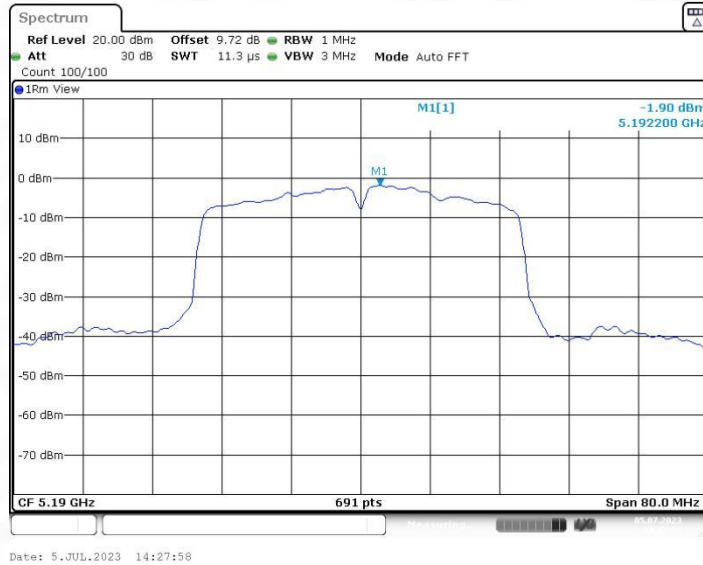
11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



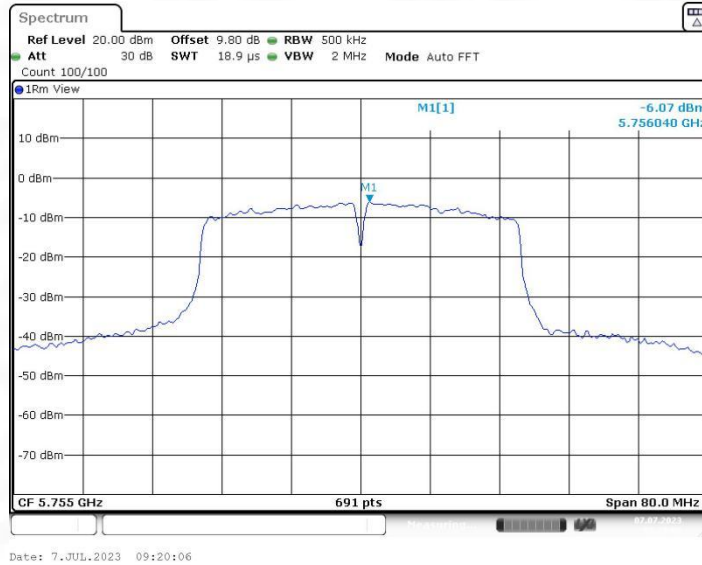
11N40SISO\_Ant1\_5190



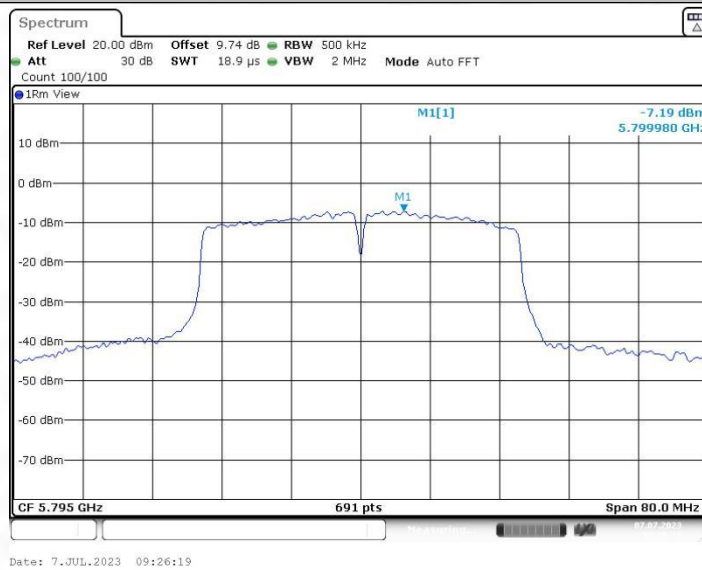
11N40SISO\_Ant1\_5230



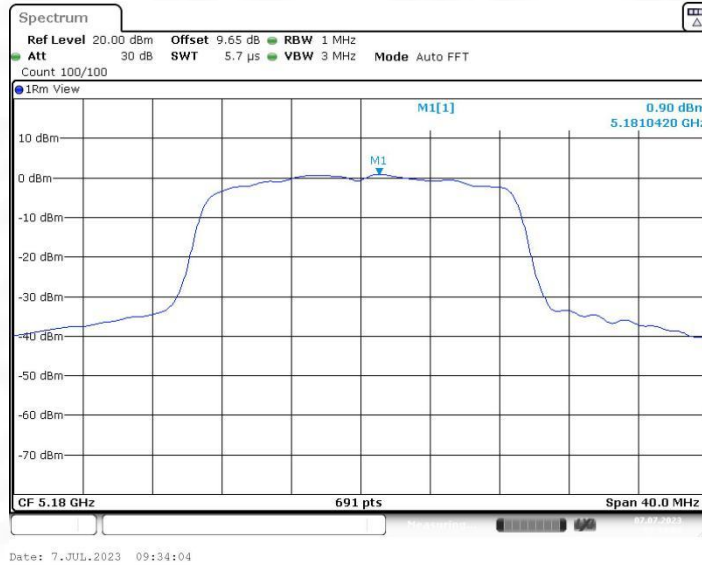
11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5180

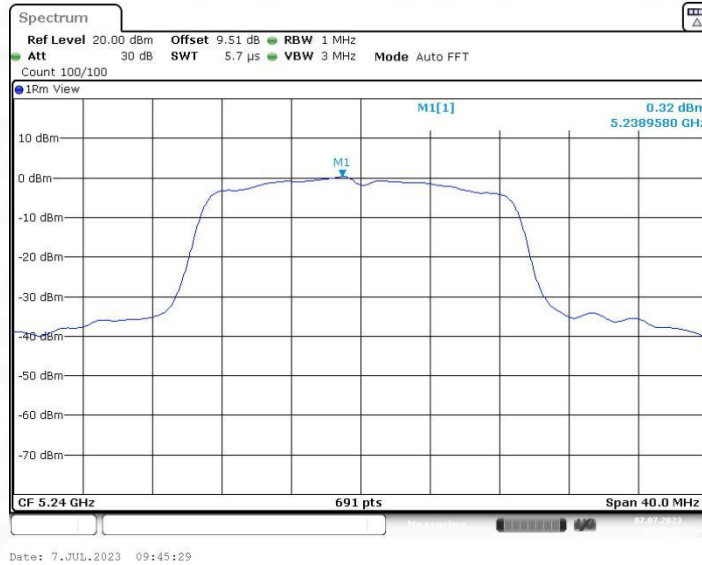


11AC20SISO\_Ant1\_5200





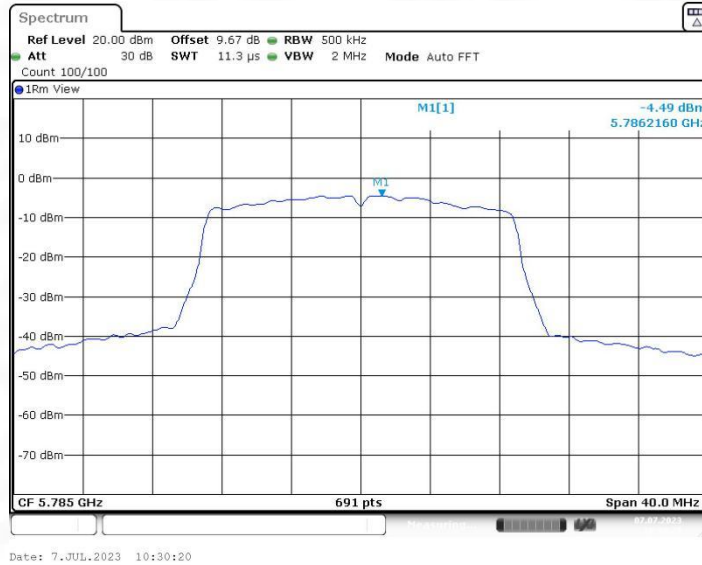
11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



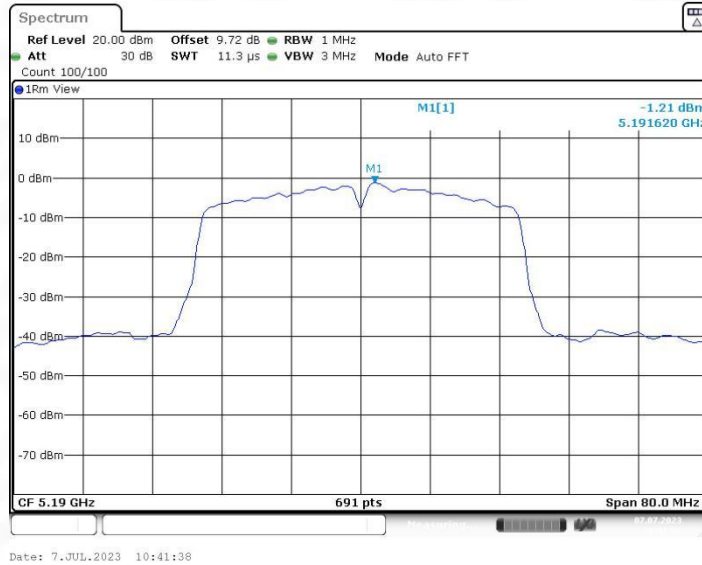
11AC20SISO\_Ant1\_5785



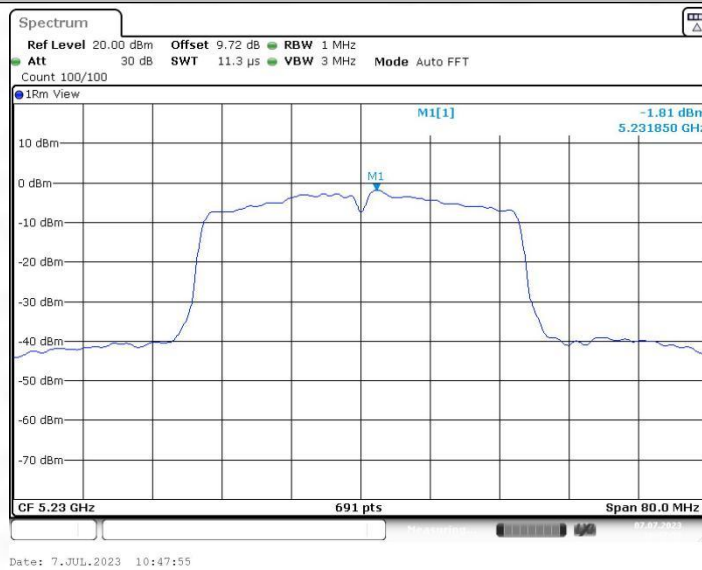
11AC20SISO\_Ant1\_5825



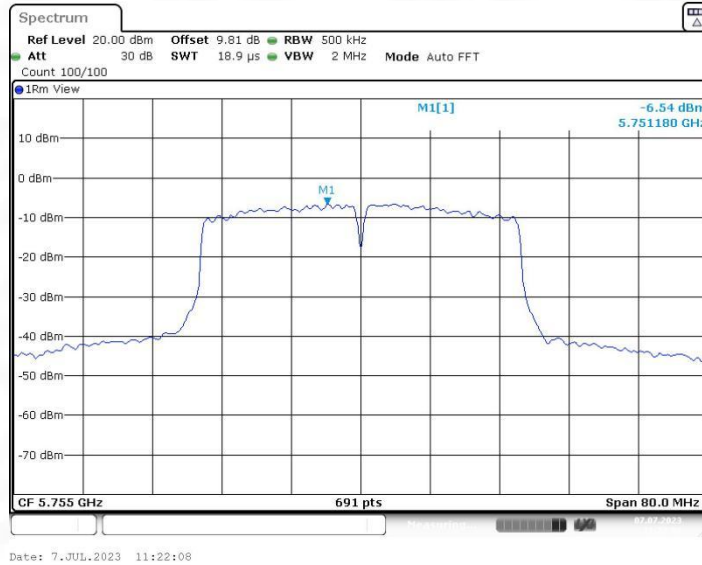
11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



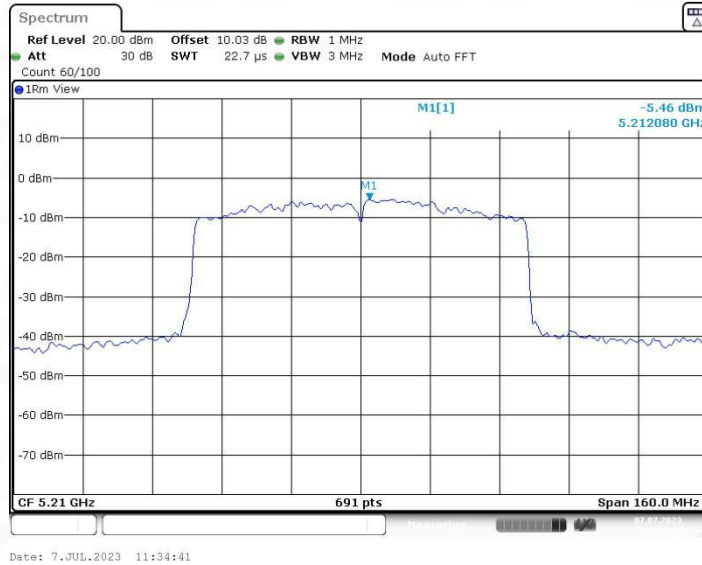
11AC40SISO\_Ant1\_5755



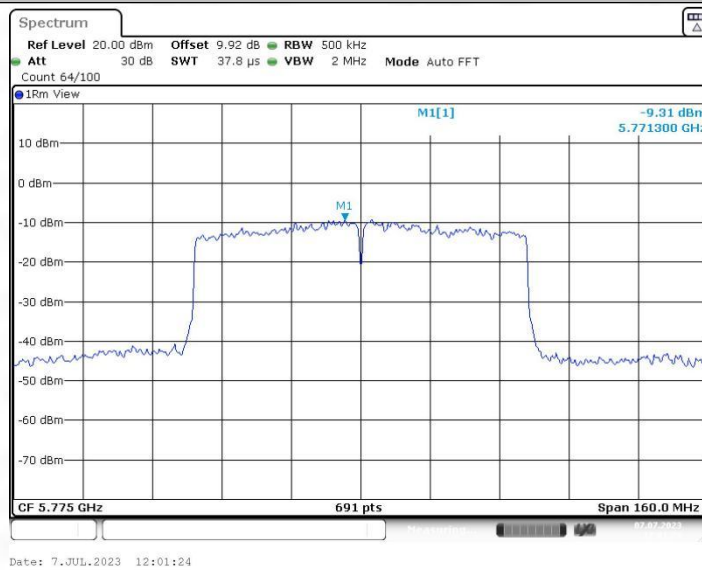
11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5775



## 5. Frequency Stability

### 5.1 Ant1

#### 5.1.1 Test Result

Mode	Voltage (V)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	DC 3.61V	5179.995	5	5239.993	7
	DC 3.80V	5179.995	5	5239.996	4
	DC 4.18V	5179.993	7	5239.992	8
Mode	Voltage (V)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	DC 3.61V	5744.995	5	5824.996	4
	DC 3.80V	5744.995	5	5824.992	8
	DC 4.18V	5744.994	6	5824.994	6

Mode	Temperature (°C)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	-20°C	5179.993	7	5239.992	8
	-10°C	5179.997	3	5239.992	8
	-5°C	5179.998	2	5239.993	7
	0°C	5179.995	5	5239.995	5
	+10°C	5179.993	7	5239.995	5
	+20°C	5179.995	5	5239.996	4
	+30°C	5179.994	6	5239.992	8
	+40°C	5179.992	8	5239.997	3
	+55°C	5179.995	5	5239.995	5
Mode	Temperature (°C)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	-20°C	5744.997	3	5824.993	7
	-10°C	5744.998	2	5824.993	7
	-5°C	5744.995	5	5824.996	4
	0°C	5744.993	7	5824.996	4
	+10°C	5744.995	5	5824.993	7
	+20°C	5744.996	4	5824.993	7
	+30°C	5744.996	4	5824.993	7
	+40°C	5744.995	5	5824.994	6
	+55°C	5744.994	6	5824.994	6

## 6. Form731

### 6.1 Form731

#### 6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.01995	13.00
5745	5825	0.02208	13.44
5190	5230	0.02188	13.40
5755	5795	0.02028	13.07
5210	5210	0.01730	12.38
5775	5775	0.01416	11.51



Test Report Number: BTF230725R01005



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**-- END OF REPORT --**