

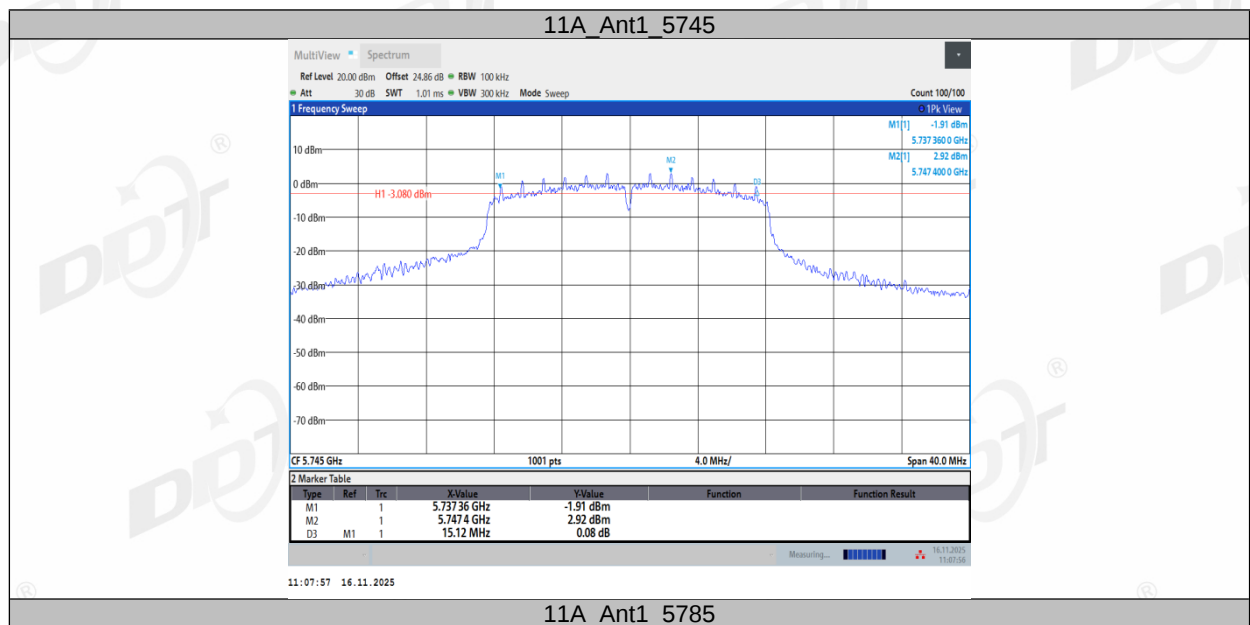
5.4. Test result B4

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 4#
Ambient Condition:	25.2°C,45.7%RH	Test Date:	2025.11.12-2025.11.16
Test Power Supply:	AC 120V/60Hz	Sample Number:	S25081404-002

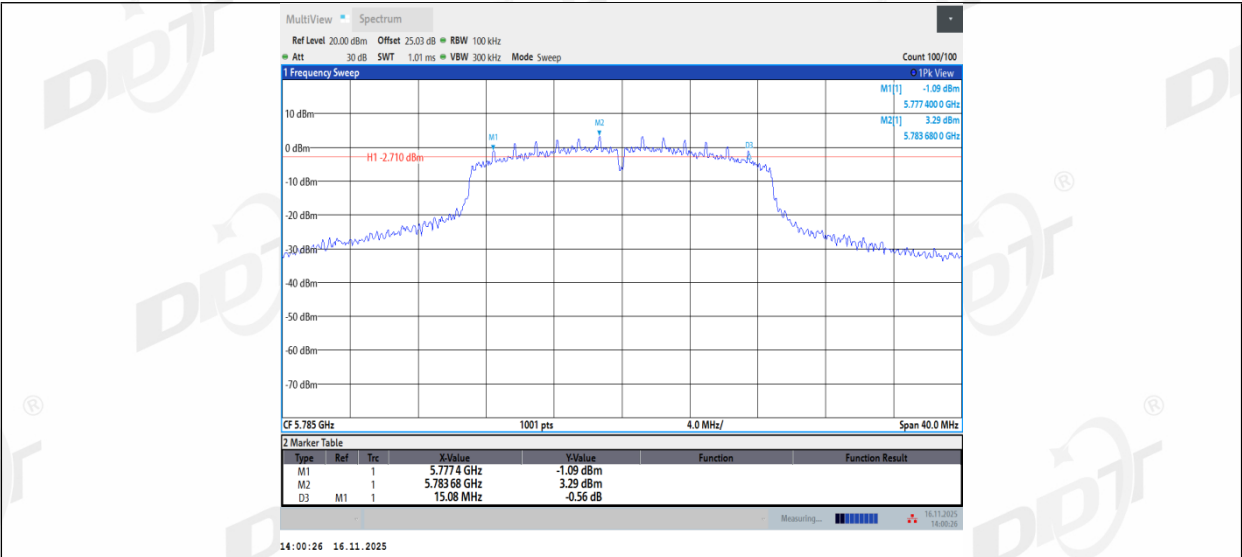
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.12	5737.36	5752.48	0.5	PASS
		5785	15.12	5777.36	5792.48	0.5	PASS
		5825	15.12	5817.40	5832.52	0.5	PASS
11N20SISO	Ant1	5745	15.08	5737.40	5752.48	0.5	PASS
		5785	15.08	5777.40	5792.48	0.5	PASS
		5825	15.12	5817.40	5832.52	0.5	PASS
11N40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
		5785	15.12	5777.40	5792.52	0.5	PASS
		5825	15.12	5817.40	5832.52	0.5	PASS
11AC40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	76.48	5736.76	5813.24	0.5	PASS

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	15.12	5712.36	5727.48	---	---
		5720_UNII-2C	12.64	5712.36	5725	---	---
		5720_UNII-3	2.48	5725	5727.48	0.5	PASS
11N20SISO	Ant1	5720	15.16	5712.36	5727.52	---	---
		5720_UNII-2C	12.64	5712.36	5725	---	---
		5720_UNII-3	2.52	5725	5727.52	0.5	PASS
11N40SISO	Ant1	5710	35.12	5692.40	5727.52	---	---
		5710_UNII-2C	32.6	5692.40	5725	---	---
		5710_UNII-3	2.52	5725	5727.52	0.5	PASS
11AC20SISO	Ant1	5720	15.12	5712.36	5727.48	---	---
		5720_UNII-2C	12.64	5712.36	5725	---	---
		5720_UNII-3	2.48	5725	5727.48	0.5	PASS
11AC40SISO	Ant1	5710	35.12	5692.40	5727.52	---	---
		5710_UNII-2C	32.6	5692.40	5725	---	---
		5710_UNII-3	2.52	5725	5727.52	0.5	PASS
11AC80SISO	Ant1	5690	76.48	5651.76	5728.24	---	---
		5690_UNII-2C	73.24	5651.76	5725	---	---
		5690_UNII-3	3.24	5725	5728.24	0.5	PASS

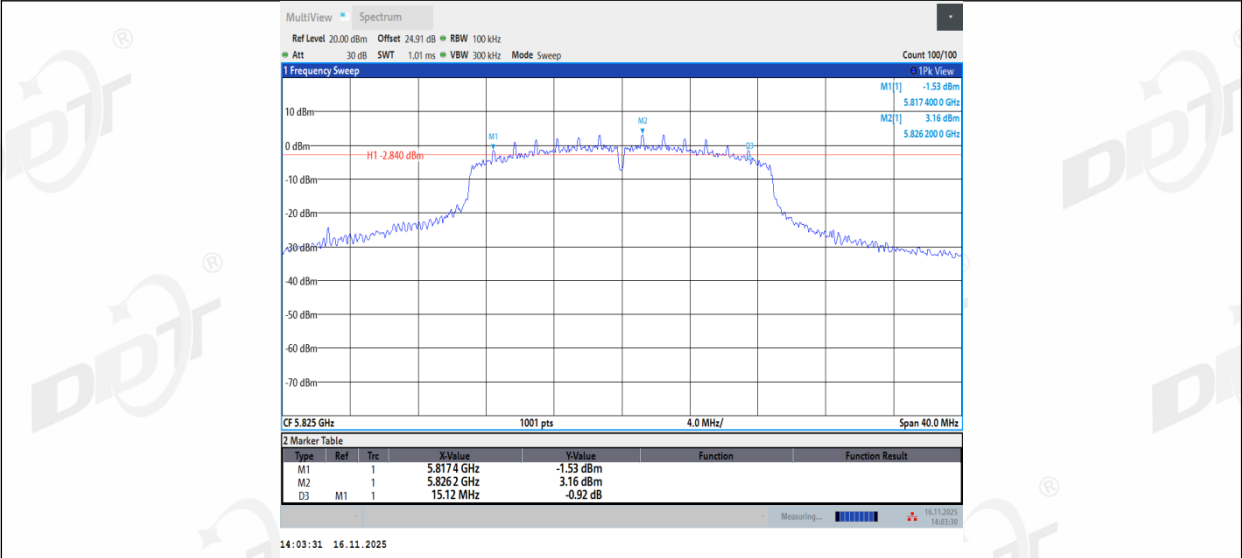
5.5. Test graphs B4



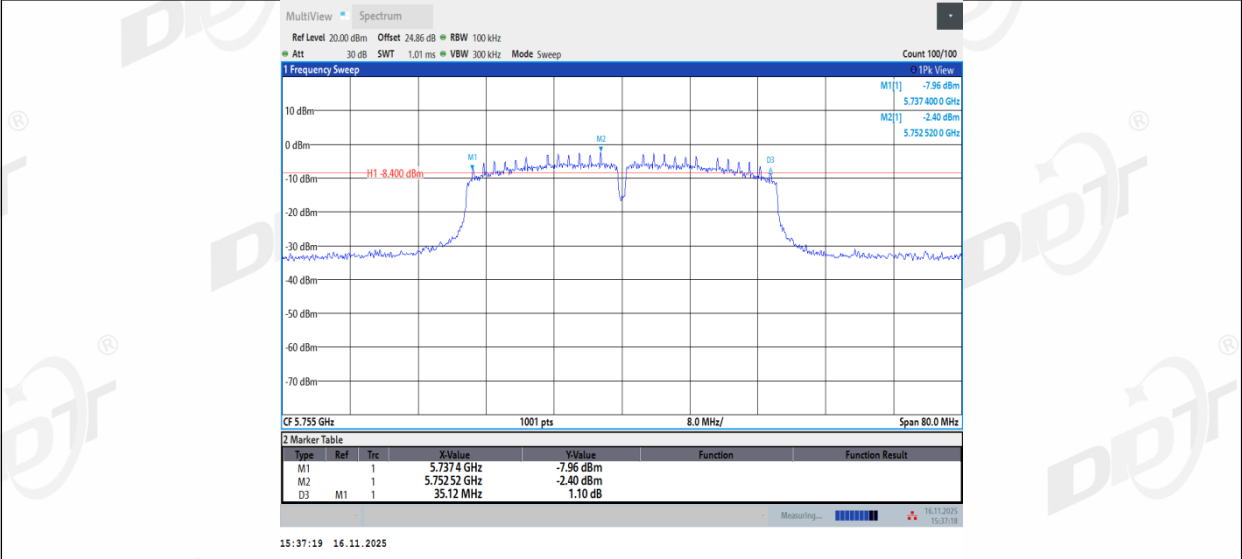




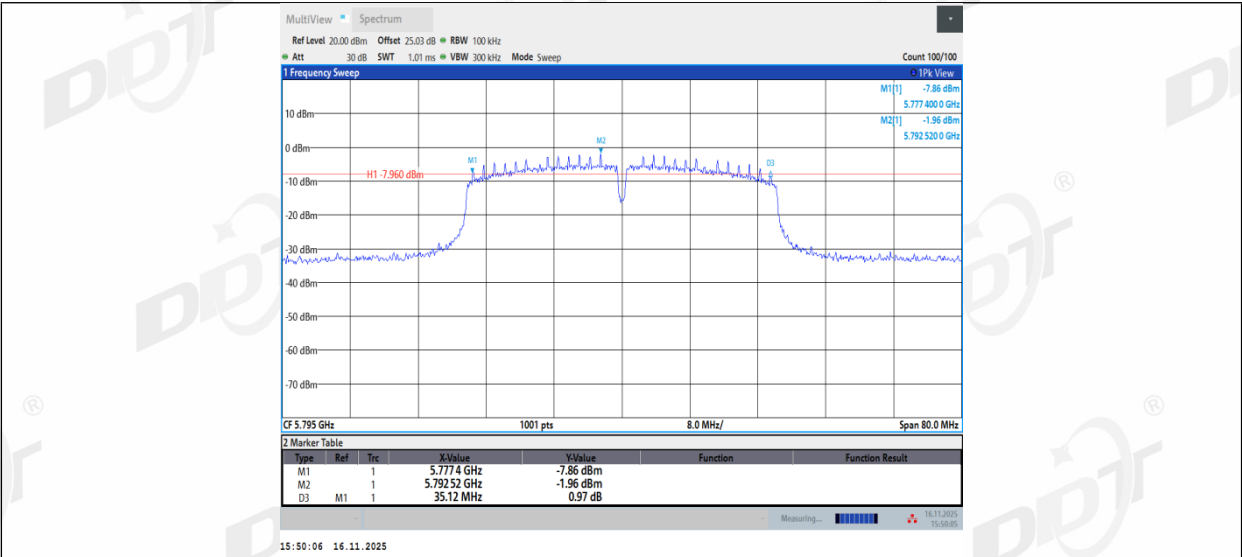
11N20SISO_Ant1_5825



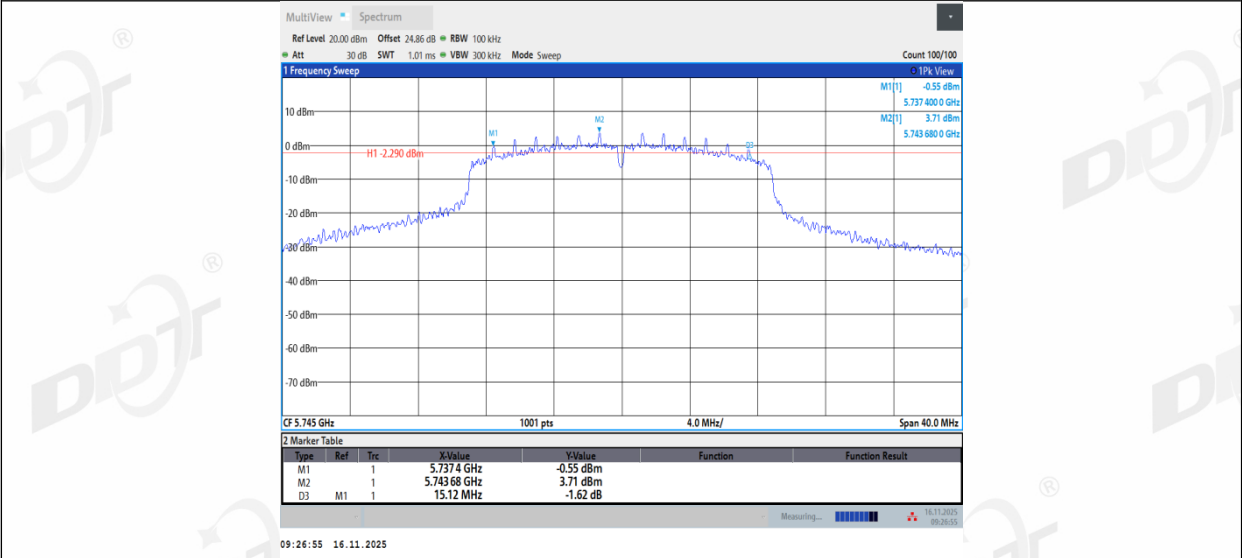
11N40SISO_Ant1_5755



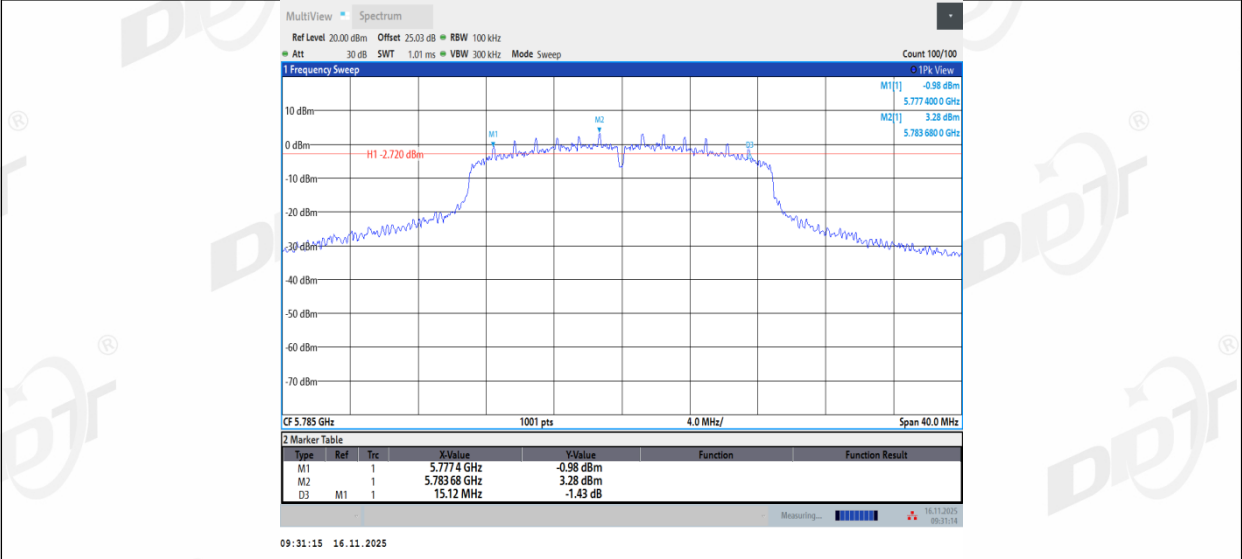
11N40SISO_Ant1_5795



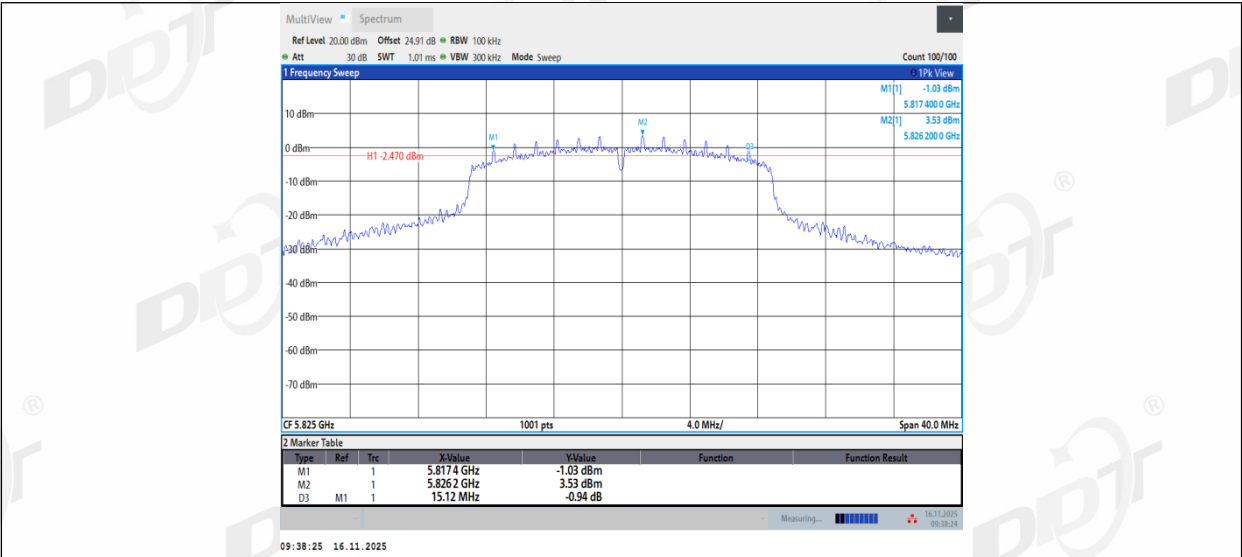
11AC20SISO_Ant1_5745



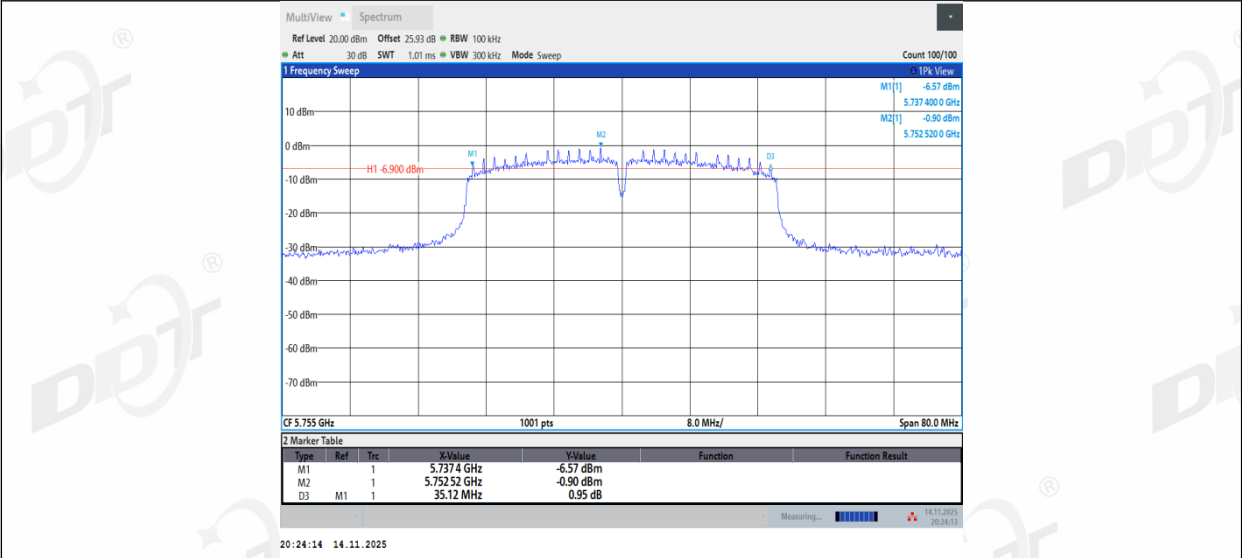
11AC20SISO_Ant1_5785



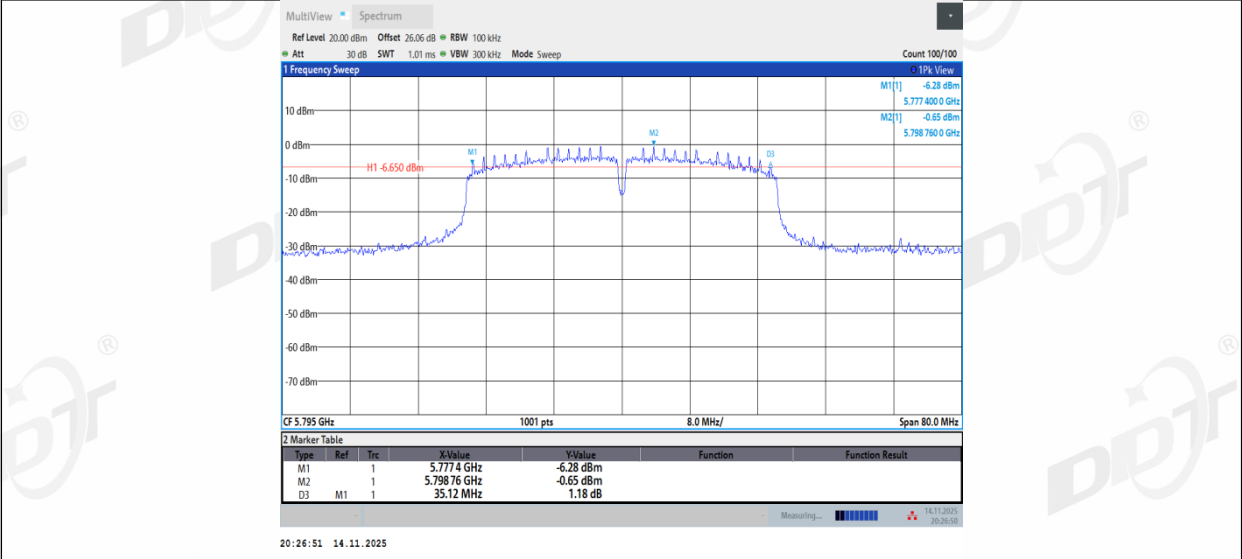
11AC20SISO_Ant1_5825



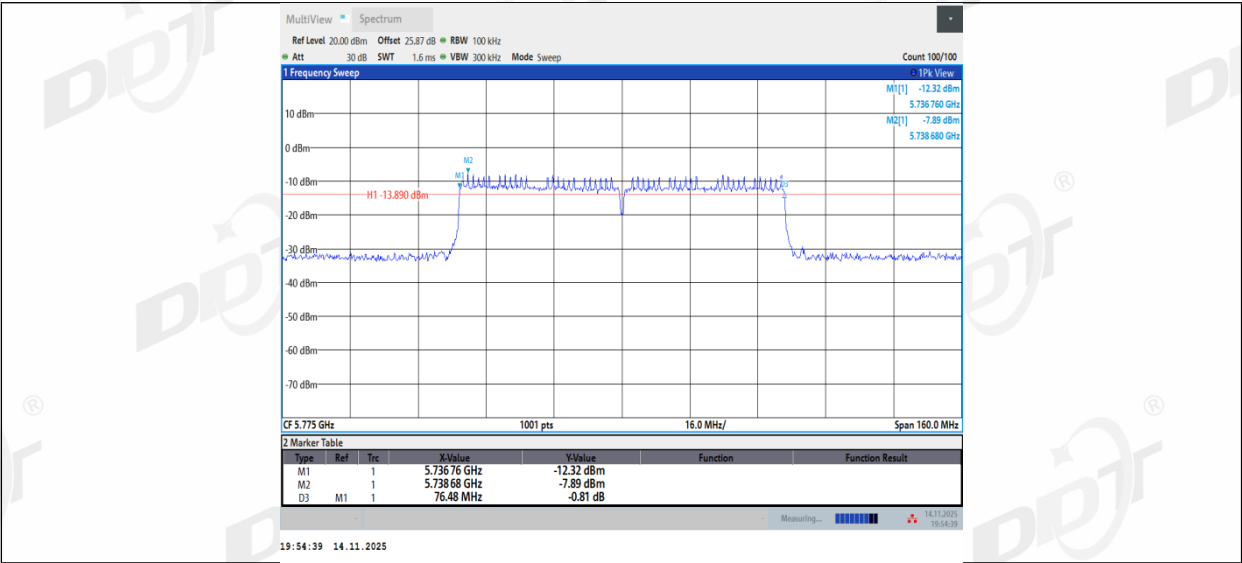
11AC40SISO_Ant1_5755

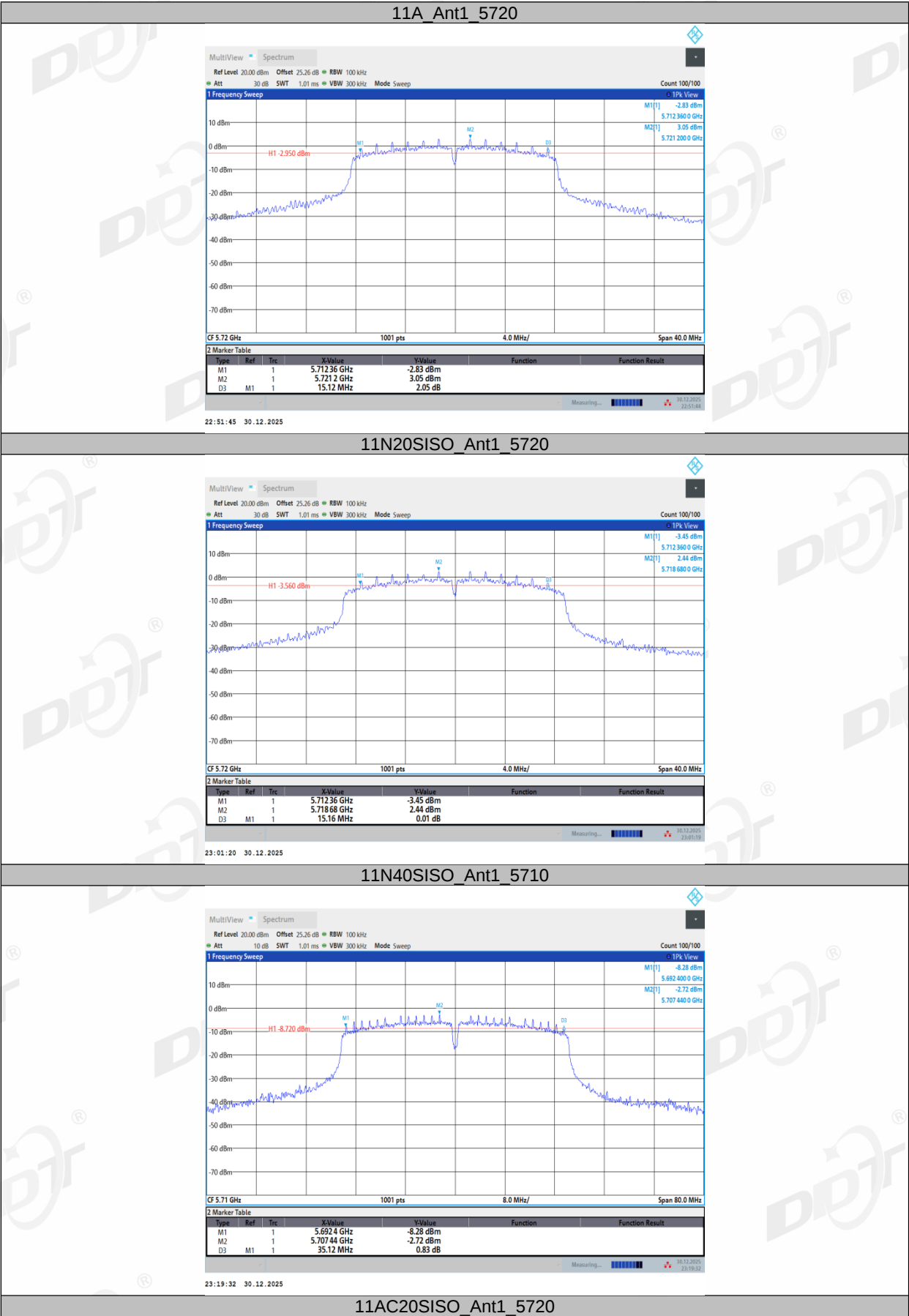


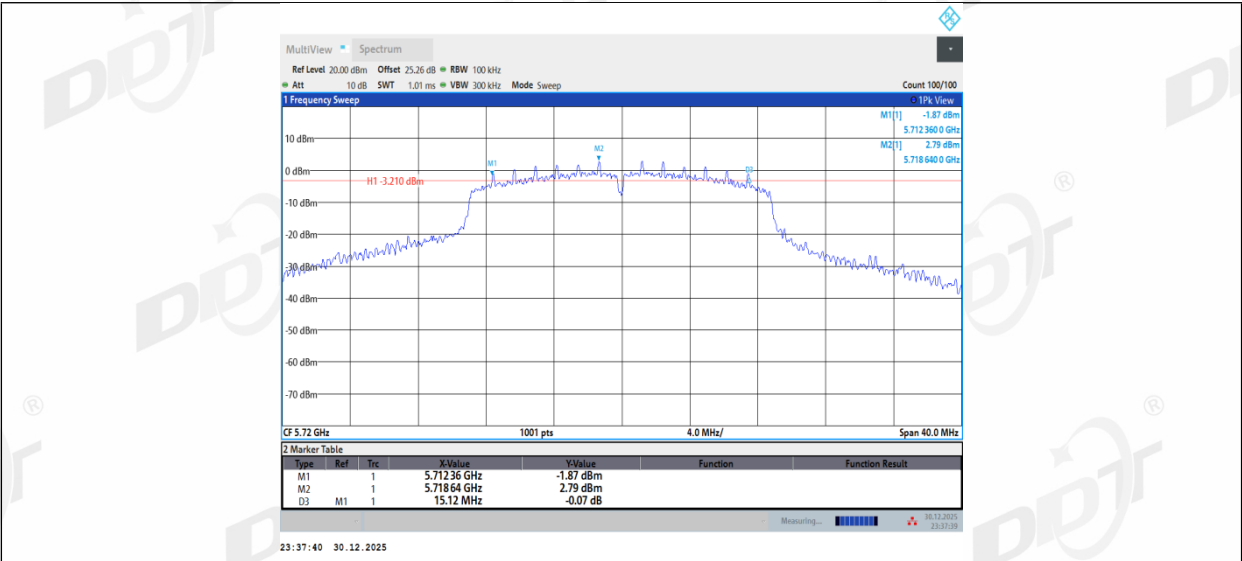
11AC40SISO_Ant1_5795



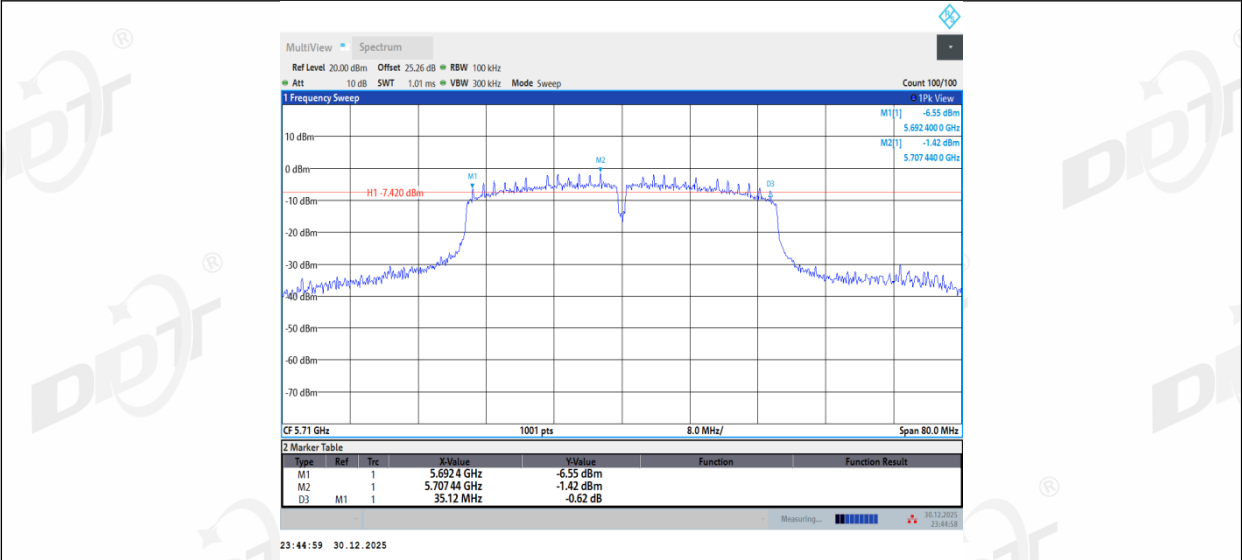
11AC80SISO_Ant1_5775







11AC40SISO_Ant1_5710

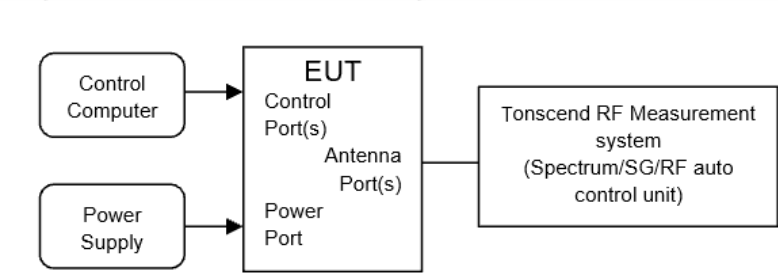


11AC80SISO_Ant1_5690



6. 99% Bandwidth

6.1. Block diagram of test setup



6.2. Limits

Just for Report.

6.3. Test procedure

(1) Connect EUT’s antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

6.4. Test result

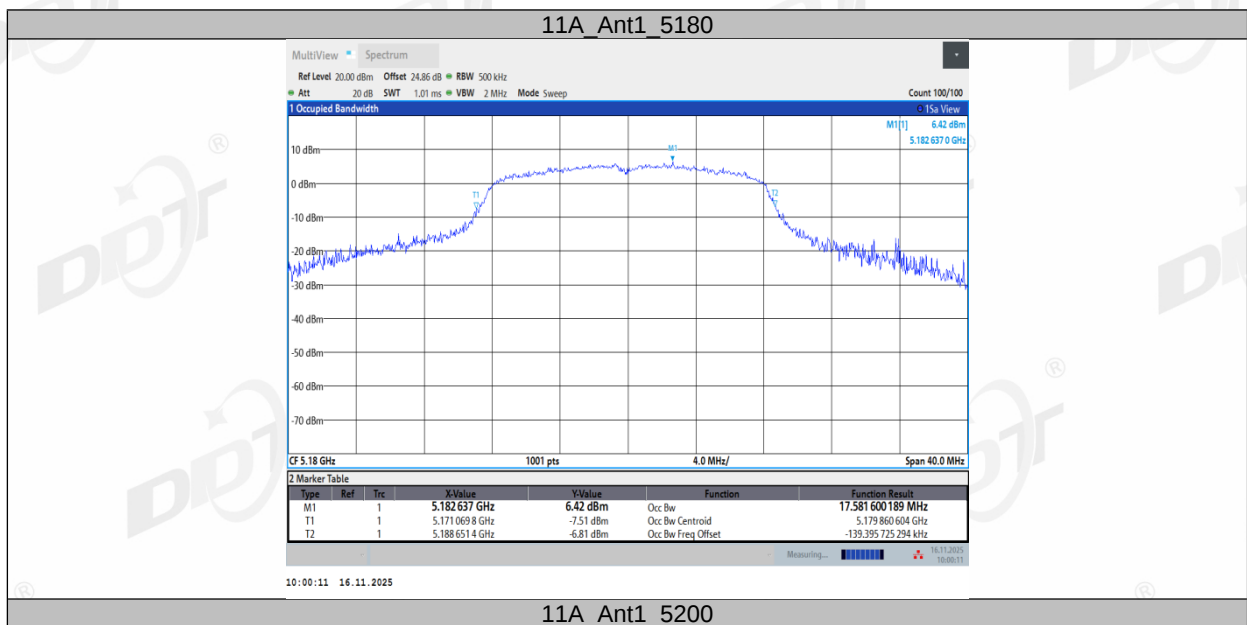
Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 4#
Ambient Condition:	25.2°C,45.7%RH	Test Date:	2025.11.12-2025.11.16
Test Power Supply:	AC 120V/60Hz	Sample Number:	S25081404-002

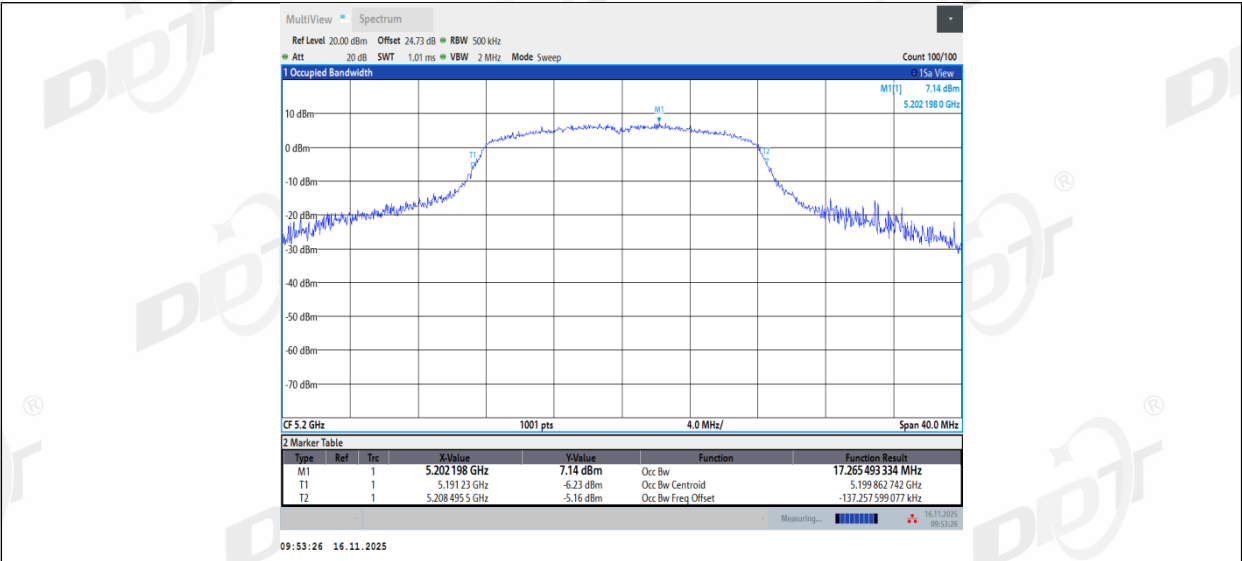
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.582	5171.0698	5188.6514	---	---
		5200	17.265	5191.2300	5208.4955	---	---
		5240	17.311	5231.2145	5248.5254	---	---
		5260	17.502	5251.0160	5268.5184	---	---
		5280	17.460	5271.0526	5288.5129	---	---
		5320	17.549	5310.9424	5328.4919	---	---
		5500	17.459	5491.1619	5508.6206	---	---
		5580	17.612	5570.8992	5588.5107	---	---
		5700	17.529	5690.9864	5708.5154	---	---
		5745	17.531	5735.9440	5753.4752	---	---
		5785	17.493	5775.9712	5793.4637	---	---
11N20SISO	Ant1	5825	17.345	5816.1423	5833.4870	---	---
		5180	18.276	5170.8010	5189.0767	---	---
		5200	18.128	5190.8594	5208.9869	---	---
		5240	18.373	5230.6368	5249.0100	---	---
		5260	18.265	5250.7005	5268.9657	---	---
		5280	18.359	5270.6327	5288.9917	---	---
		5320	18.268	5310.6790	5328.9465	---	---
		5500	18.329	5490.7071	5509.0361	---	---
		5580	18.615	5570.3832	5588.9982	---	---
		5700	18.338	5690.6725	5709.0110	---	---
		5745	18.151	5735.7839	5753.9354	---	---
11N40SISO	Ant1	5785	18.180	5775.7400	5793.9199	---	---
		5825	18.243	5815.7343	5833.9777	---	---
		5190	36.249	5171.9109	5208.1599	---	---
		5230	36.445	5211.7343	5248.1797	---	---
		5270	36.436	5251.6603	5288.0963	---	---
		5310	36.316	5291.6452	5327.9610	---	---
		5510	36.300	5491.8454	5528.1451	---	---
		5550	36.407	5531.7667	5568.1734	---	---
		5670	36.415	5651.7460	5688.1615	---	---
		5755	36.525	5736.5968	5773.1213	---	---
		5795	36.439	5776.6499	5813.0888	---	---
11AC20SISO	Ant1	5180	18.498	5170.6638	5189.1617	---	---
		5200	18.295	5190.7429	5209.0378	---	---
		5240	18.334	5230.7539	5249.0876	---	---
		5260	18.309	5250.6896	5268.9985	---	---
		5280	18.614	5270.4218	5289.0360	---	---
		5320	18.806	5310.2221	5329.0279	---	---
		5500	18.646	5490.4609	5509.1064	---	---
		5580	18.510	5570.6112	5589.1215	---	---
		5700	18.408	5690.6269	5709.0348	---	---
		5745	18.529	5735.4486	5753.9780	---	---
		5785	18.272	5775.7217	5793.9936	---	---
11AC40SISO	Ant1	5825	18.552	5815.5365	5834.0881	---	---
		5190	36.331	5171.8930	5208.2240	---	---
		5230	36.414	5211.7989	5248.2128	---	---
		5270	36.333	5251.7120	5288.0449	---	---
		5310	36.234	5291.7137	5327.9475	---	---
		5510	36.595	5491.7117	5528.3067	---	---
		5550	36.698	5531.6290	5568.3273	---	---
		5670	36.390	5651.7458	5688.1360	---	---
		5755	36.548	5736.6436	5773.1913	---	---
		5795	36.508	5776.6106	5813.1188	---	---
		5210	76.772	5171.6883	5248.4606	---	---

O	5290	76.686	5251.5223	5328.2085	---	---
	5530	76.600	5491.6350	5568.2349	---	---
	5610	76.897	5571.5748	5648.4719	---	---
	5775	76.884	5736.4222	5813.3058	---	---

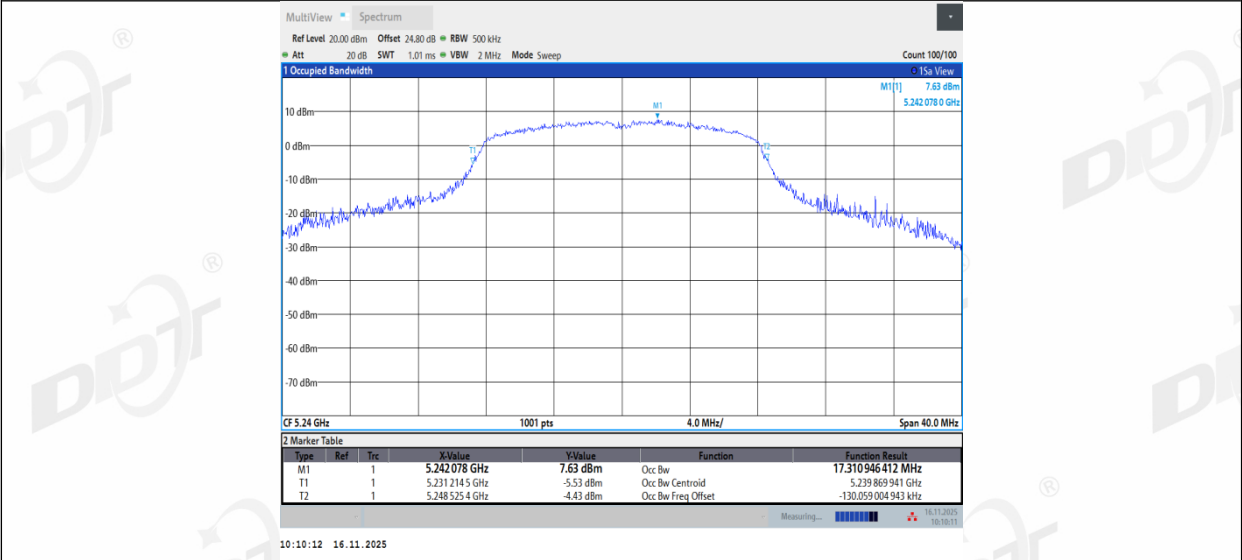
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	17.391	5711.1691	5728.5599	---	---
		5720_UNII-2C	13.831	5711.1691	5725	---	---
		5720_UNII-3	3.56	5725	5728.5599	---	---
11N20SISO	Ant1	5720	18.259	5710.7463	5729.0055	---	---
		5720_UNII-2C	14.254	5710.7463	5725	---	---
		5720_UNII-3	4.006	5725	5729.0055	---	---
11N40SISO	Ant1	5710	36.425	5691.6534	5728.0782	---	---
		5710_UNII-2C	33.347	5691.6534	5725	---	---
		5710_UNII-3	3.078	5725	5728.0782	---	---
11AC20SISO	Ant1	5720	18.642	5710.3608	5729.0031	---	---
		5720_UNII-2C	14.639	5710.3608	5725	---	---
		5720_UNII-3	4.003	5725	5729.0031	---	---
11AC40SISO	Ant1	5710	36.623	5691.5762	5728.1997	---	---
		5710_UNII-2C	33.424	5691.5762	5725	---	---
		5710_UNII-3	3.2	5725	5728.1997	---	---
11AC80SISO	Ant1	5690	76.885	5651.4347	5728.3193	---	---
		5690_UNII-2C	73.565	5651.4347	5725	---	---
		5690_UNII-3	3.319	5725	5728.3193	---	---

6.5. Test graphs

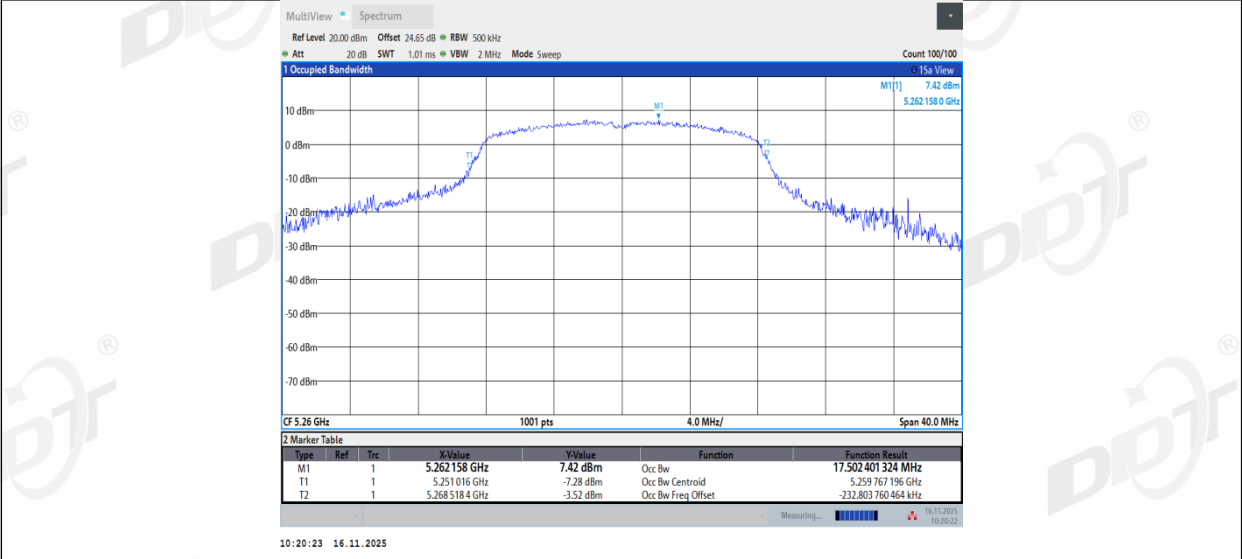




11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5280

