

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
EUT Name:	HDMI Wireless extender
Model:	DT257W-H
Sample ID:	HC-C-202407-0140-01-02#
Test Standard:	FCC Part 15 Subpart E 15.407
Environmental Conditions	
Ambient Temperature:	24.6℃
Ambient Humidity:	50%RH
Test Power Supply:	DC 5V
Test Engineer:	ZKN Zhou
Note: For a more detailed features description, please refer to the report TBR-C-202407-0140-2.	

Contents

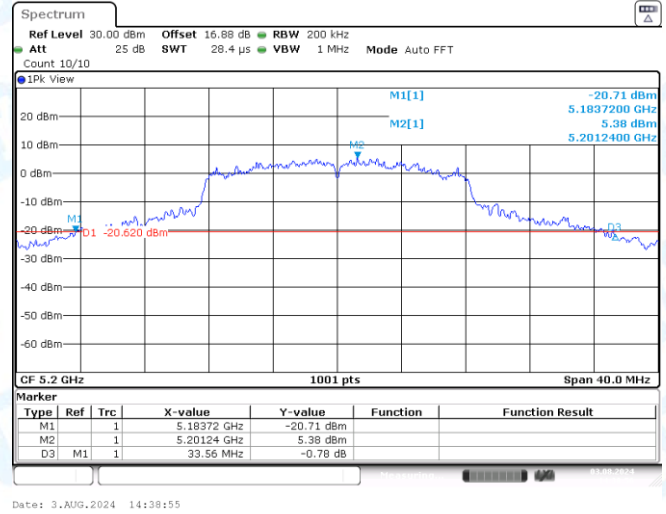
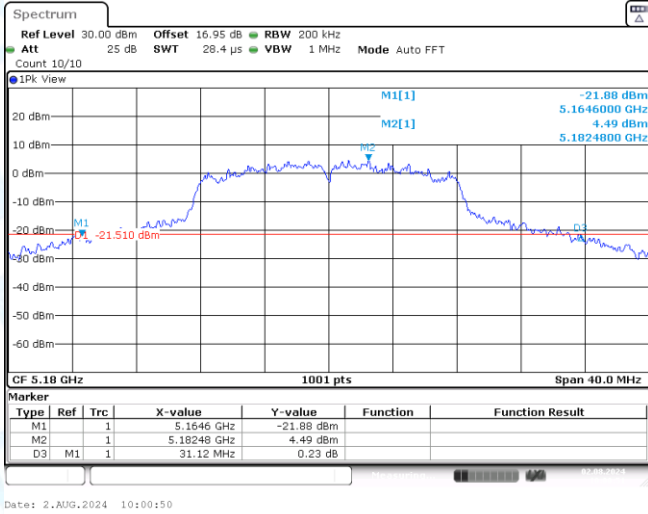
1: Emission Bandwidth	3
1.1 Test Result	3
1.2 Test Graphs	4
2: Occupied channel bandwidth	6
2.1 Test Result	6
2.2 Test Graphs	7
3: Min emission bandwidth	9
3.1 Test Result-B4	9
3.2 Test Graphs-B4	10
4: Duty Cycle	11
4.1 Test Result	11
4.2 Test Graphs	12
5: Maximum conducted output power	14
5.1 Test Result	14
6: Maximum power spectral density	15
6.1 Test Result	15
6.2 Test Graphs	16
7: Band edge measurements	18
7.1 Test Result B1	18
7.2 Test Result B4	19
7.3 Test Graphs B1	20
7.4 Test Graphs B4	21
8: Conducted Spurious Emission	22
8.1 Test Result	22
8.2 Test Graphs	23
9: Frequency Stability	27
9.1 Test Result	27
10: Emissions in Restricted Bands	30
10.1 Test Result	30
10.2 Test Graphs	32

1: Emission Bandwidth

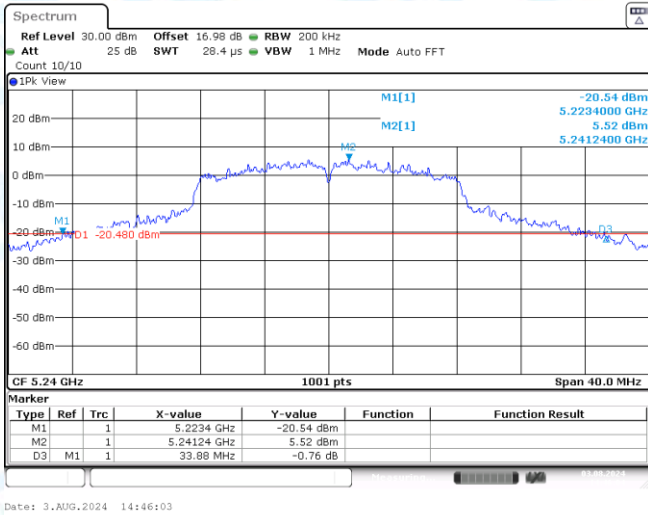
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	31.12	5164.60	5195.72	---	---
11A	Ant1	5200	33.56	5183.72	5217.28	---	---
11A	Ant1	5240	33.88	5223.40	5257.28	---	---
11A	Ant1	5745	36.92	5726.12	5763.04	---	---
11A	Ant1	5785	37.96	5766.04	5804.00	---	---
11A	Ant1	5825	40.00	5805.00	5845.00	---	---
11N20SISO	Ant1	5180	30.60	5164.56	5195.16	---	---
11N20SISO	Ant1	5200	34.32	5182.64	5216.96	---	---
11N20SISO	Ant1	5240	35.48	5222.64	5258.12	---	---
11N20SISO	Ant1	5745	37.76	5725.40	5763.16	---	---
11N20SISO	Ant1	5785	39.12	5765.20	5804.32	---	---
11N20SISO	Ant1	5825	36.96	5806.24	5843.20	---	---

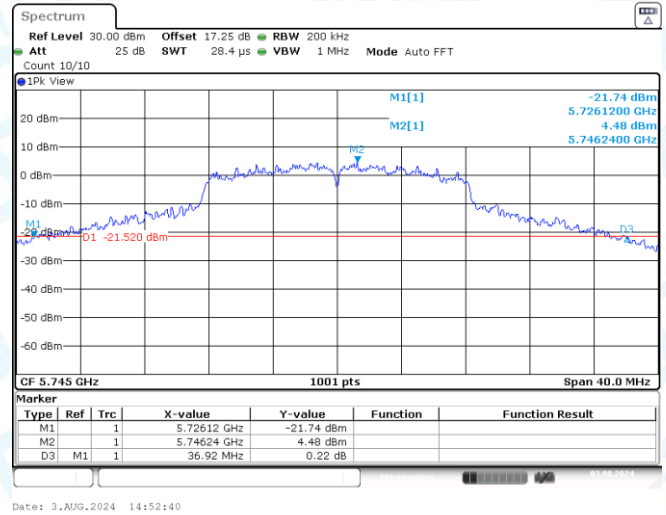
1.2 Test Graphs



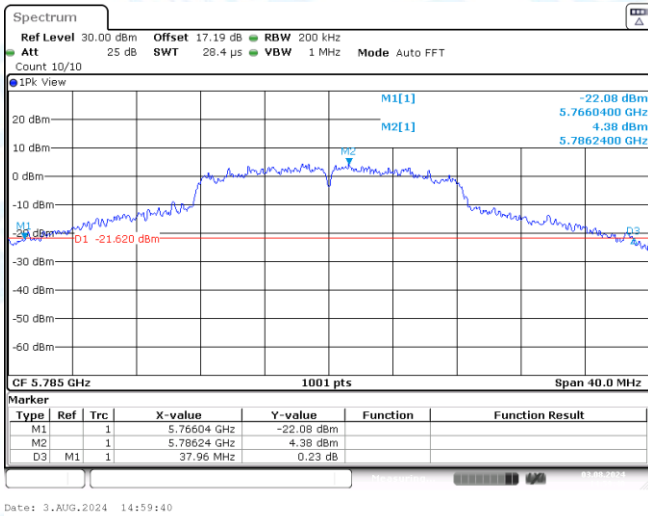
11A-Ant1-5180



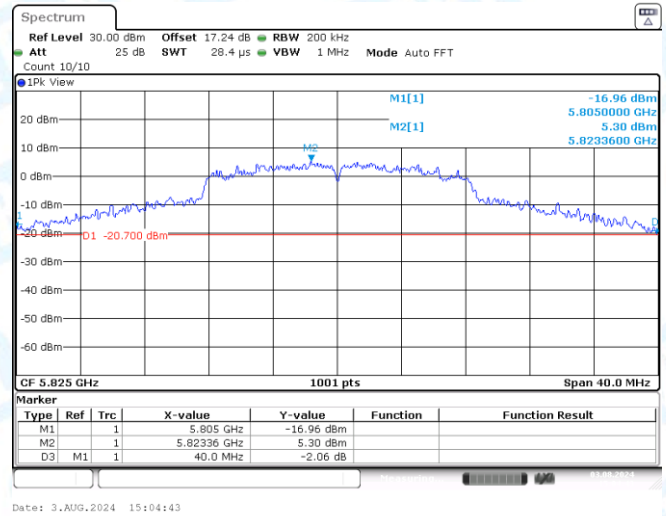
11A-Ant1-5200



11A-Ant1-5240

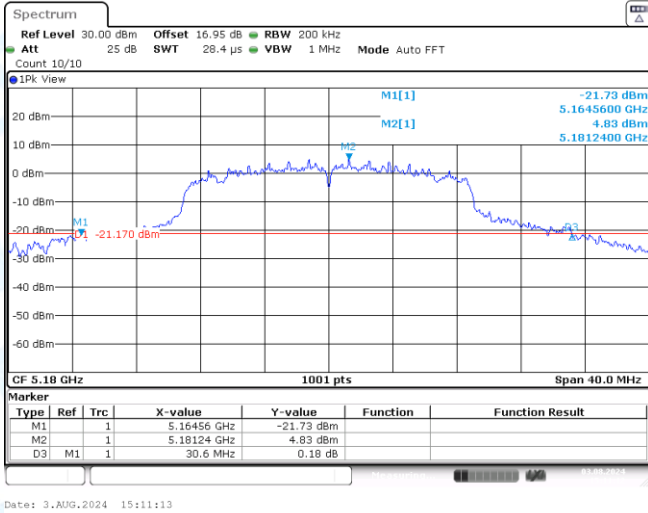


11A-Ant1-5745

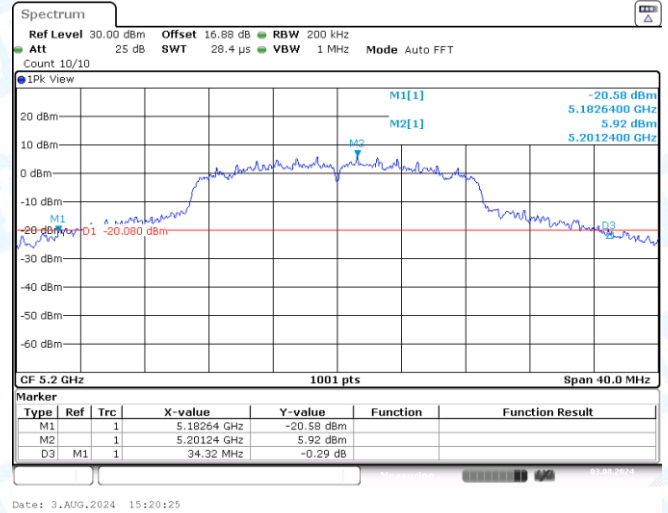


11A-Ant1-5785

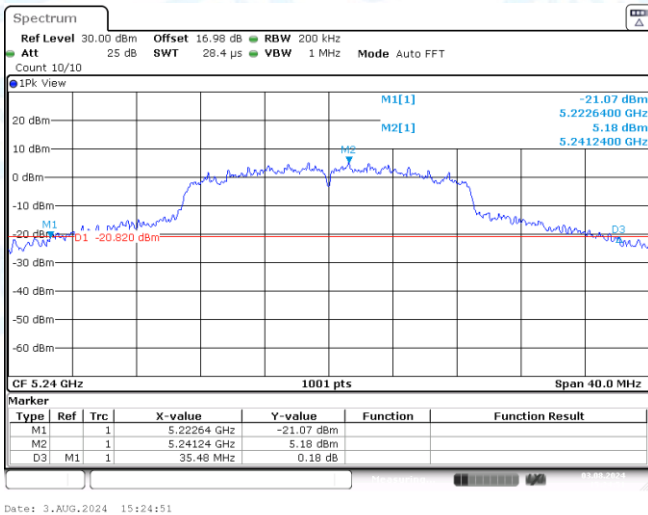
11A-Ant1-5825



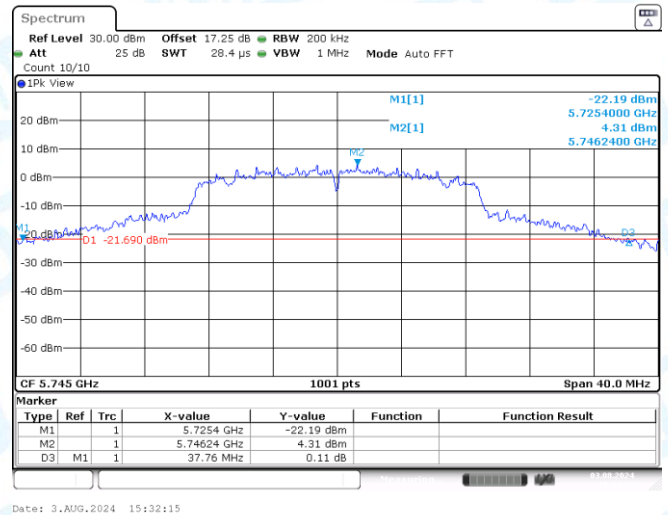
11N20SISO-Ant1-5180



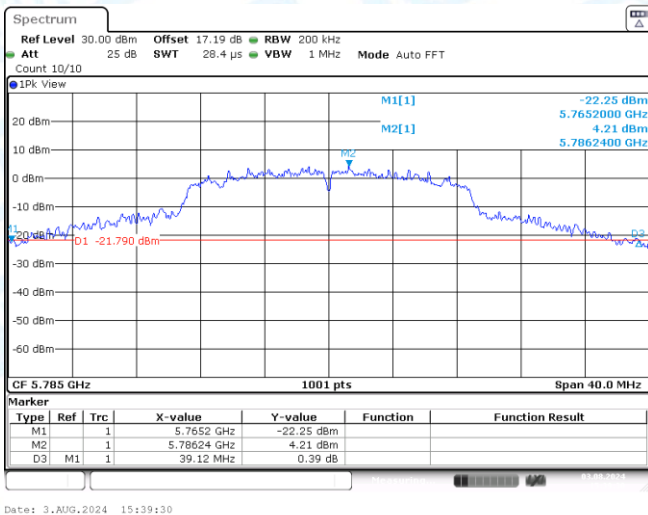
11N20SISO-Ant1-5200



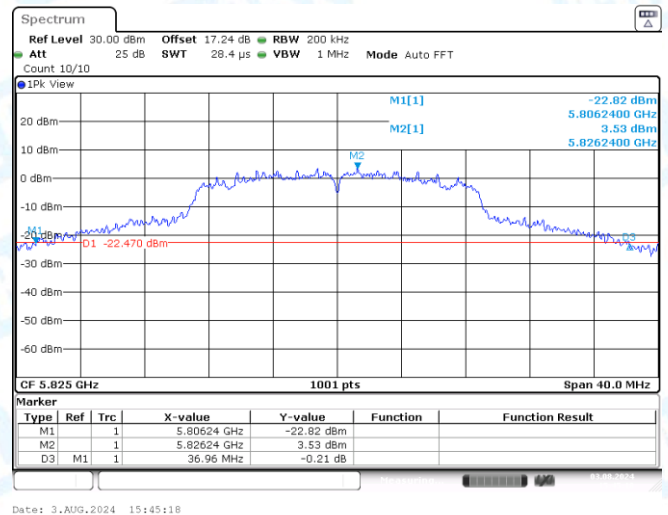
11N20SISO-Ant1-5240



11N20SISO-Ant1-5745



11N20SISO-Ant1-5785



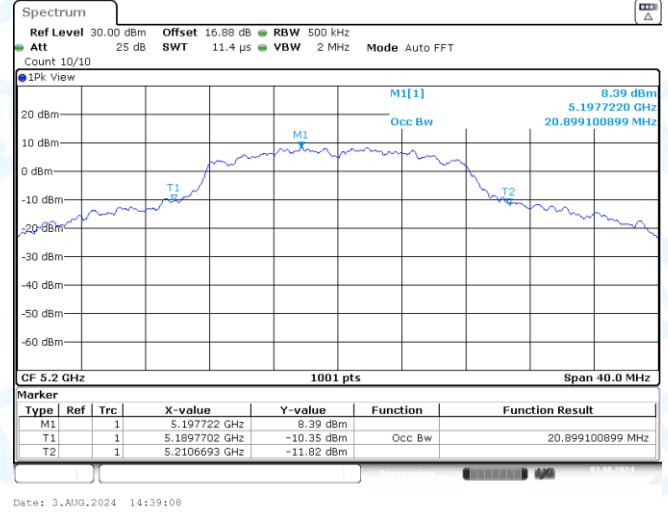
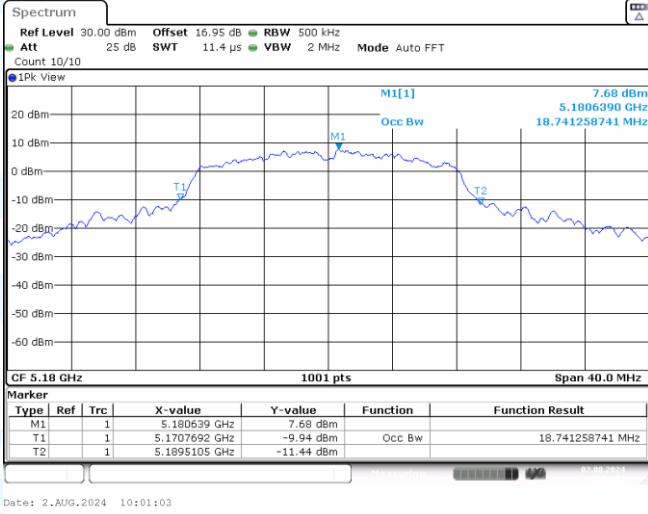
11N20SISO-Ant1-5825

2: Occupied channel bandwidth

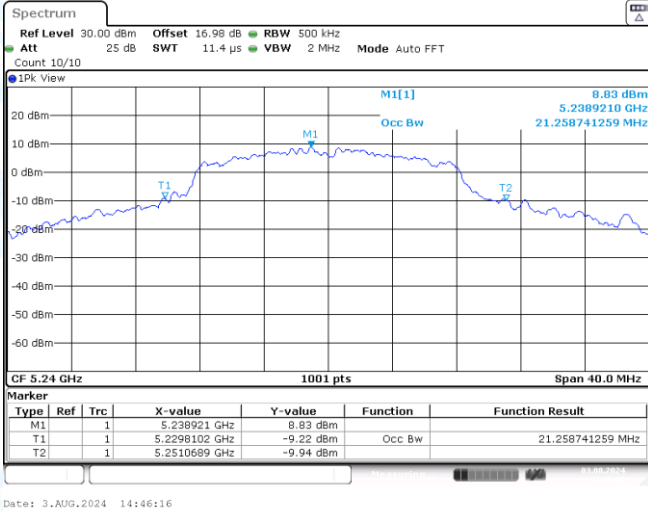
2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.741	5170.7692	5189.5105	---	---
11A	Ant1	5200	20.899	5189.7702	5210.6693	---	---
11A	Ant1	5240	21.259	5229.8102	5251.0689	---	---
11A	Ant1	5745	24.296	5732.8122	5757.1079	---	---
11A	Ant1	5785	25.455	5771.9331	5797.3876	---	---
11A	Ant1	5825	28.651	5810.6943	5839.3457	---	---
11N20SISO	Ant1	5180	19.66	5170.6094	5190.2697	---	---
11N20SISO	Ant1	5200	22.338	5189.5704	5211.9081	---	---
11N20SISO	Ant1	5240	22.018	5229.4106	5251.4286	---	---
11N20SISO	Ant1	5745	25.215	5732.0929	5757.3077	---	---
11N20SISO	Ant1	5785	26.653	5771.1738	5797.8272	---	---
11N20SISO	Ant1	5825	25.734	5811.9331	5837.6673	---	---

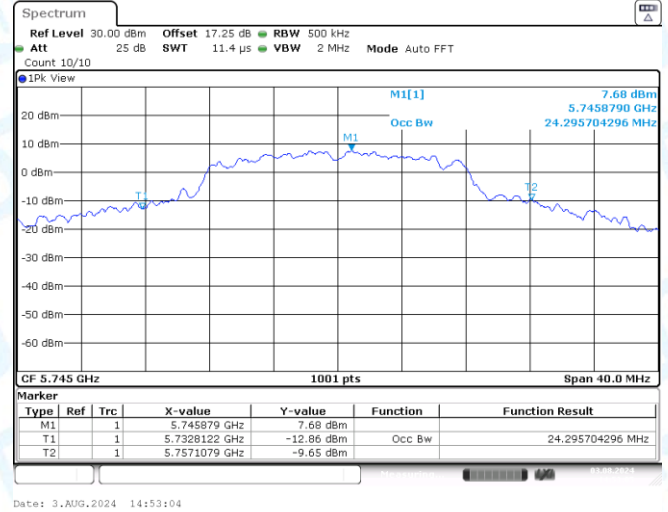
2.2 Test Graphs



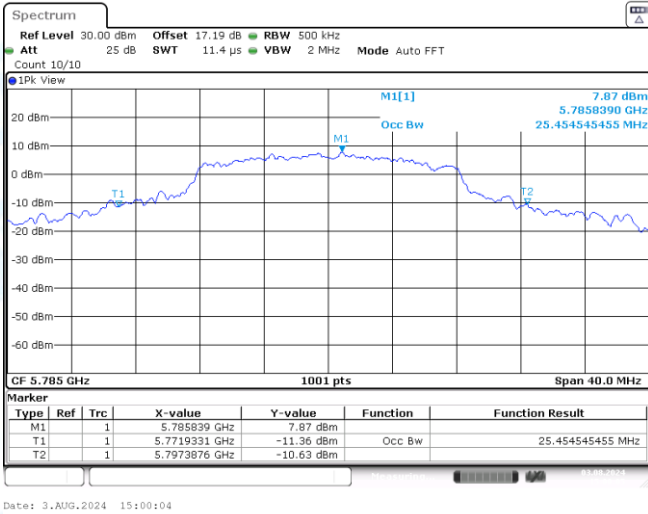
11A-Ant1-5180



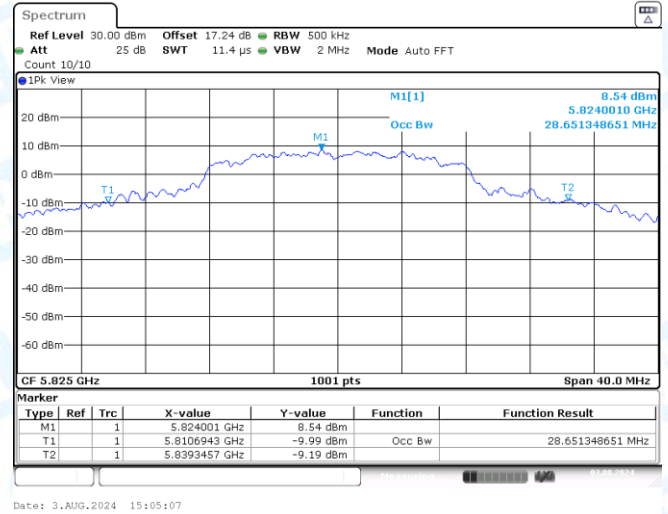
11A-Ant1-5200



11A-Ant1-5240

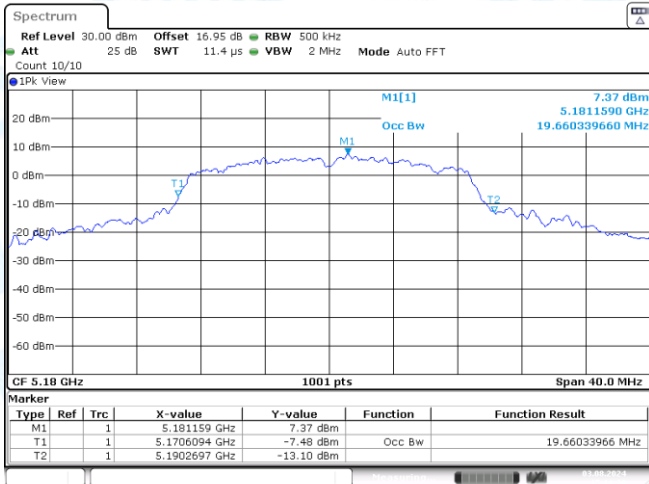


11A-Ant1-5745

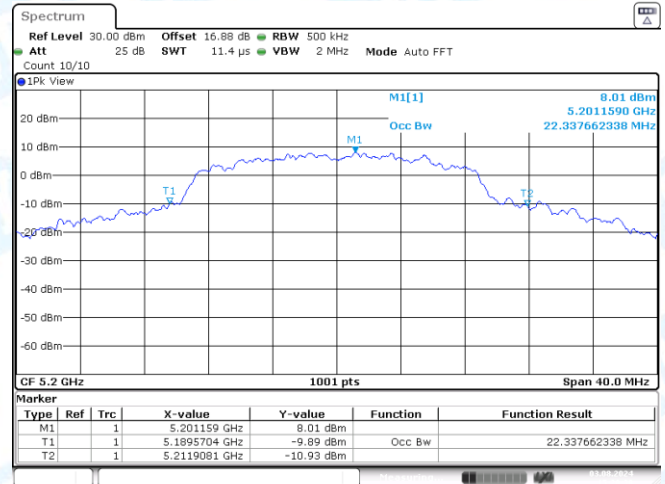


11A-Ant1-5785

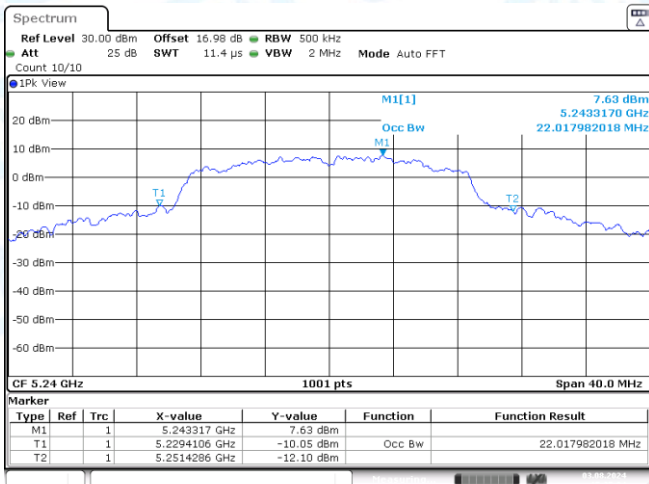
11A-Ant1-5825



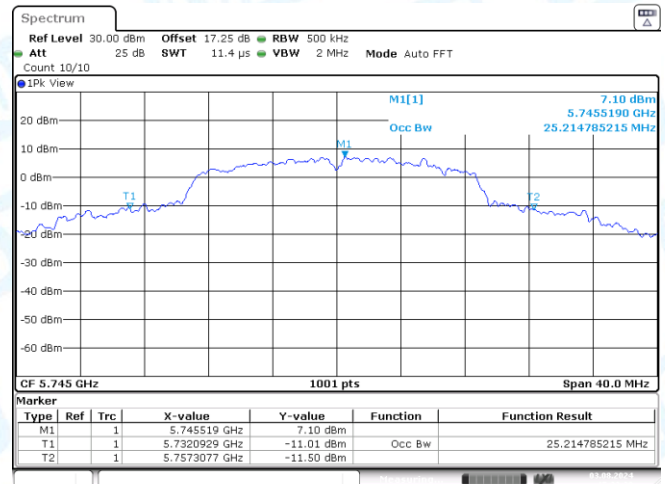
11N20SISO-Ant1-5180



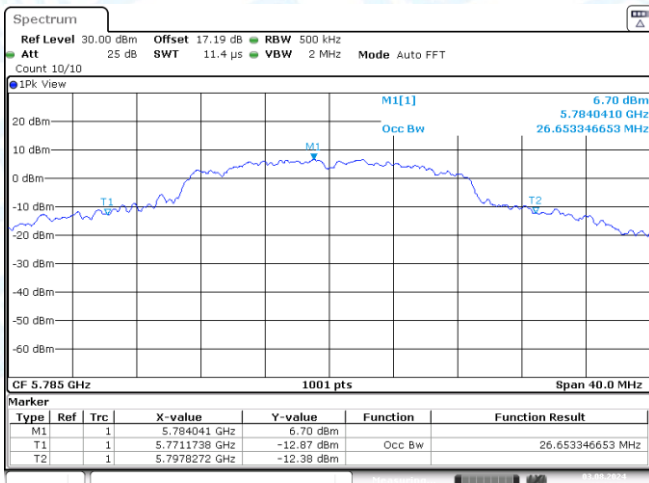
11N20SISO-Ant1-5200



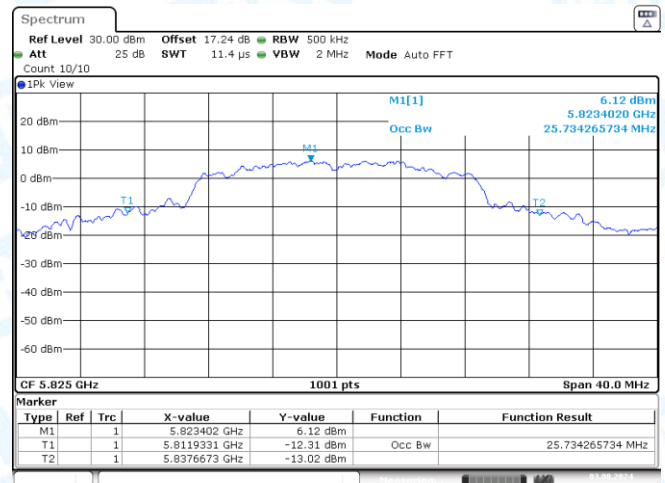
11N20SISO-Ant1-5240



11N20SISO-Ant1-5745



11N20SISO-Ant1-5785



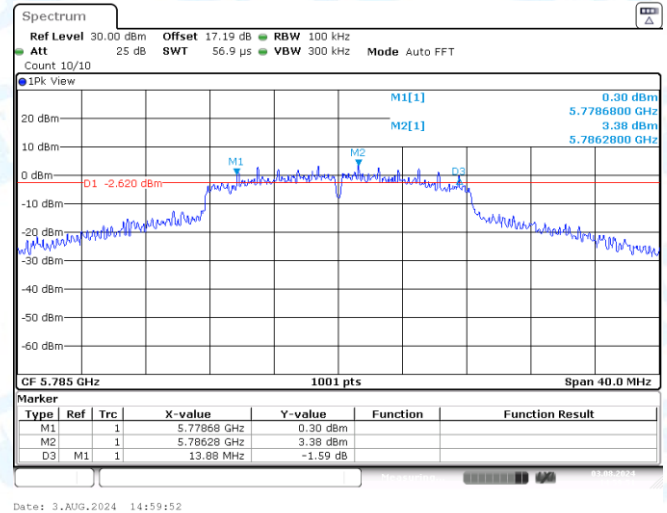
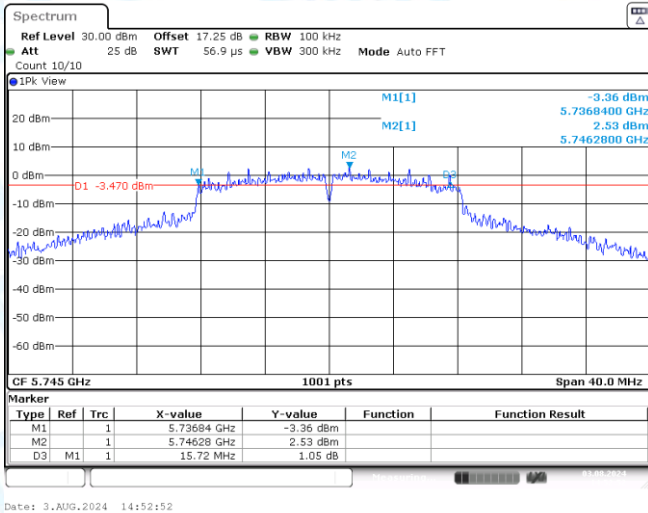
11N20SISO-Ant1-5825

3: Min emission bandwidth

3.1 Test Result-B4

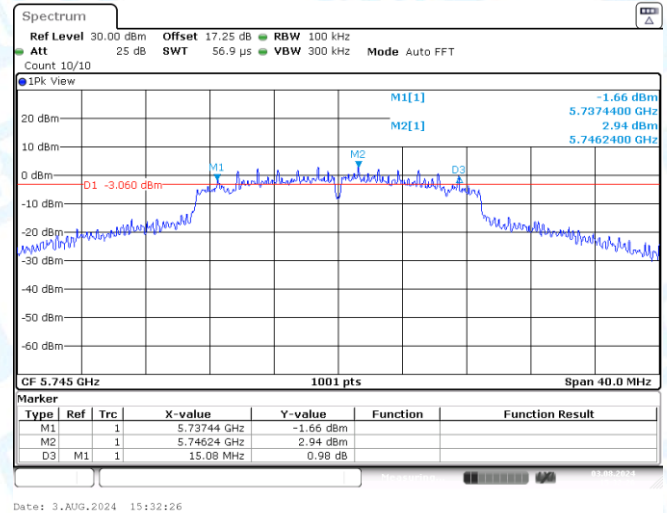
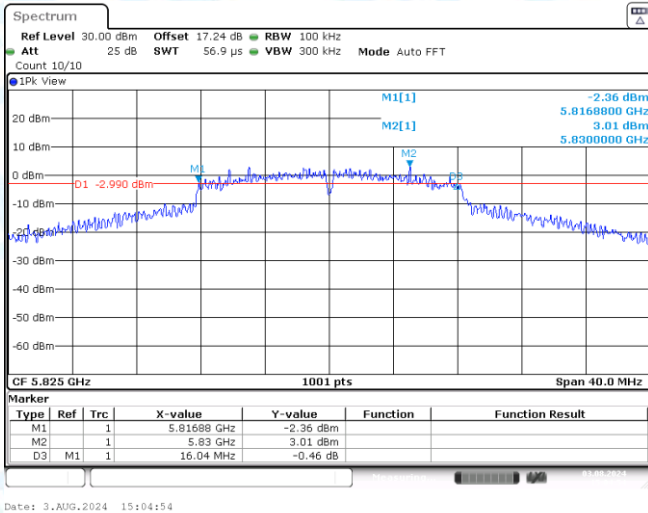
TestMode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.72	5736.84	5752.56	0.5	PASS
11A	Ant1	5785	13.88	5778.68	5792.56	0.5	PASS
11A	Ant1	5825	16.04	5816.88	5832.92	0.5	PASS
11N20SISO	Ant1	5745	15.08	5737.44	5752.52	0.5	PASS
11N20SISO	Ant1	5785	15.12	5777.44	5792.56	0.5	PASS
11N20SISO	Ant1	5825	16.28	5816.88	5833.16	0.5	PASS

3.2 Test Graphs-B4



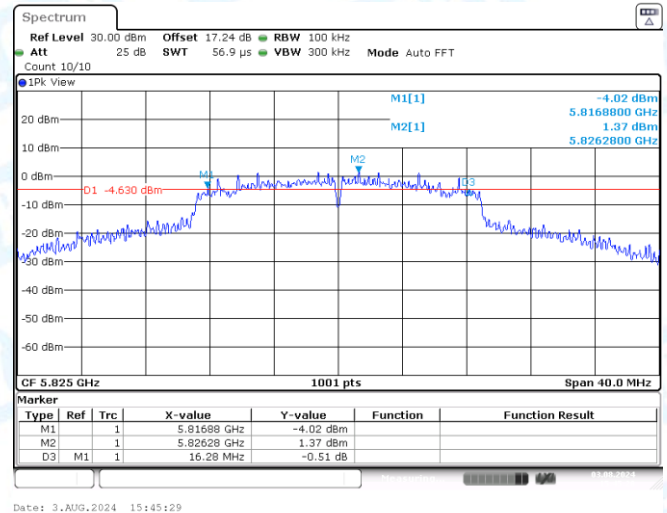
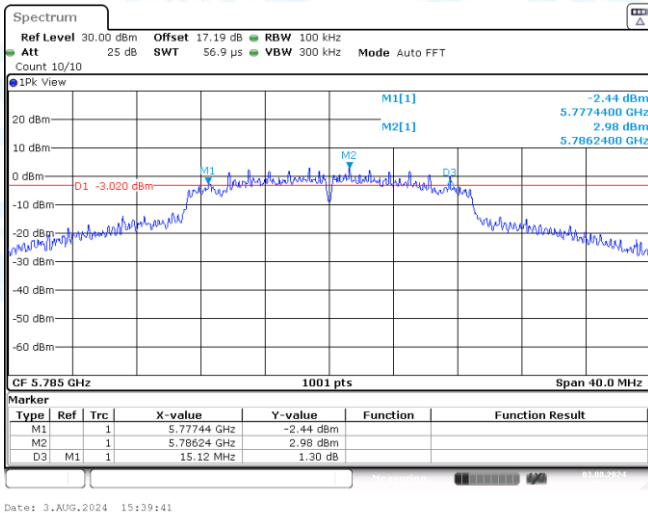
11A-Ant1-5745-PASS

11A-Ant1-5785-PASS



11A-Ant1-5825-PASS

11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS

11N20SISO-Ant1-5825-PASS

4: Duty Cycle

4.1 Test Result

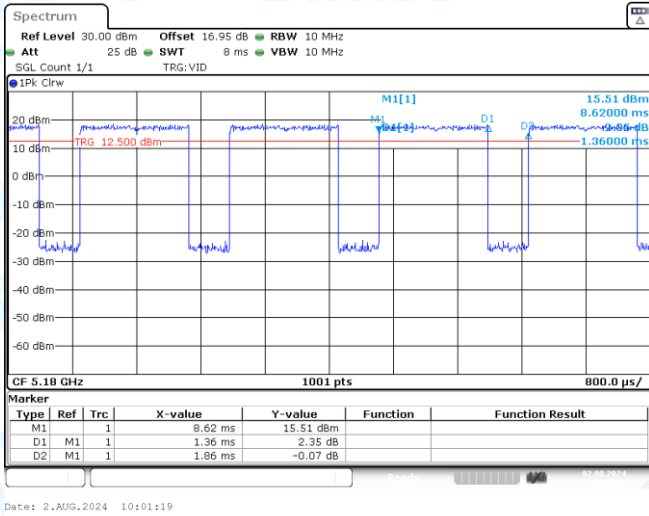
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factory	1/T [kHz]
11A	Ant1	5180	1.36	1.86	73.12	1.36	0.74
11A	Ant1	5200	1.36	1.86	73.12	1.36	0.74
11A	Ant1	5240	1.36	1.87	72.73	1.38	0.74
11A	Ant1	5745	1.37	1.87	73.26	1.35	0.73
11A	Ant1	5785	1.37	1.87	73.26	1.35	0.73
11A	Ant1	5825	1.36	1.86	73.12	1.36	0.74
11N20SISO	Ant1	5180	1.27	1.77	71.75	1.44	0.79
11N20SISO	Ant1	5200	1.27	1.77	71.75	1.44	0.79
11N20SISO	Ant1	5240	1.28	1.78	71.91	1.43	0.78
11N20SISO	Ant1	5745	1.27	1.77	71.75	1.44	0.79
11N20SISO	Ant1	5785	1.27	1.78	71.35	1.47	0.79
11N20SISO	Ant1	5825	1.28	1.78	71.91	1.43	0.78

Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

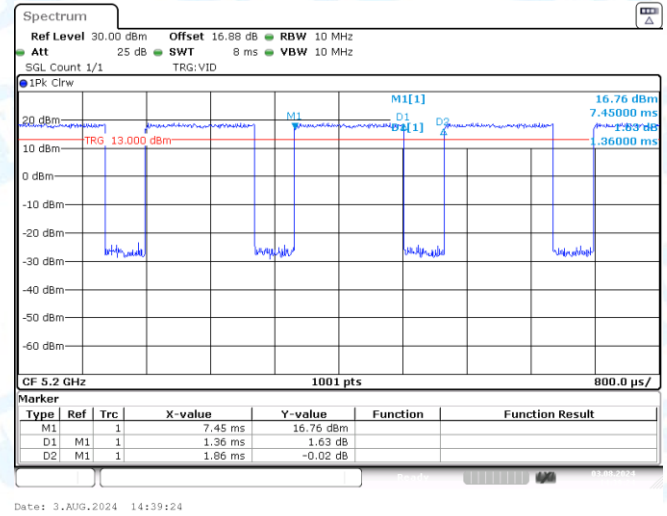
2, DC Factory=10*Log₁₀(1/Duty Cycle)

3, 1/T=1/ Transmission Duration

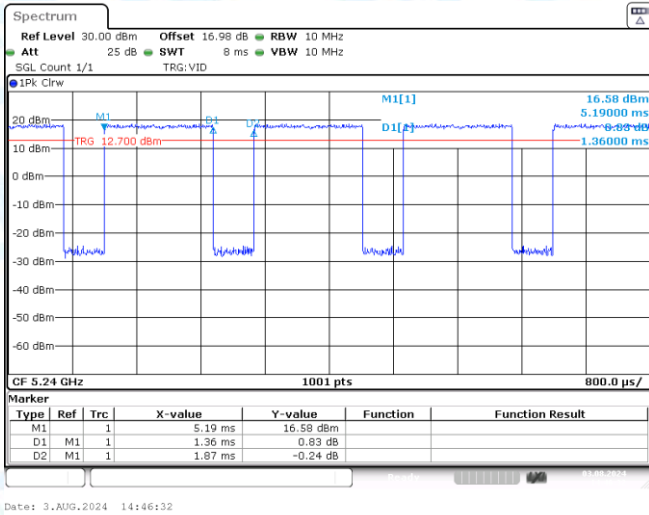
4.2 Test Graphs



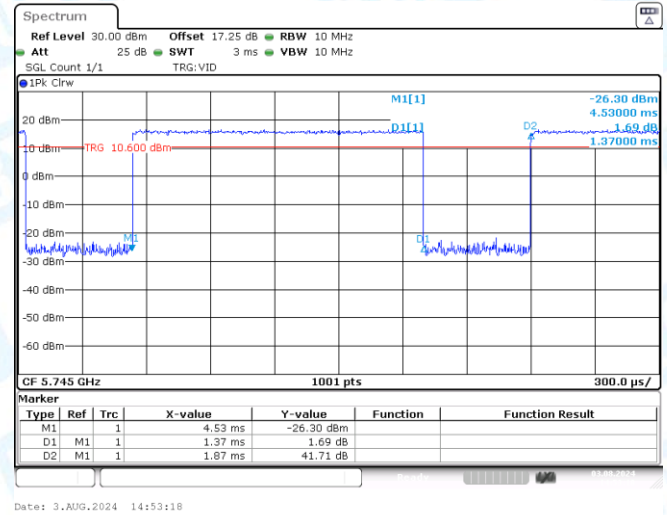
NTNV-11A-Ant1-5180



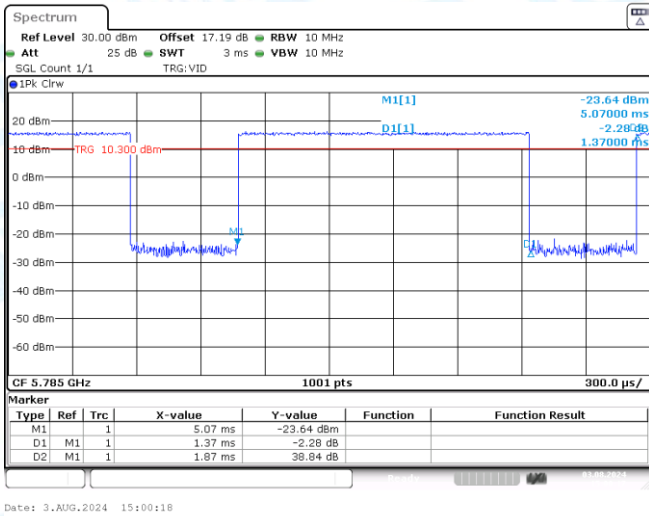
NTNV-11A-Ant1-5200



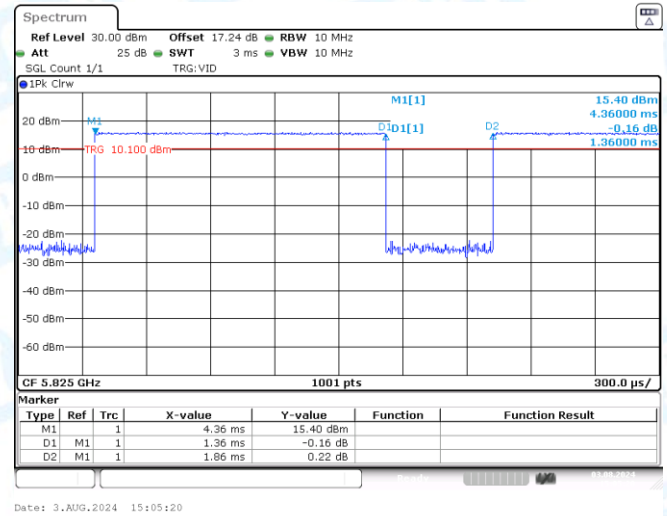
NTNV-11A-Ant1-5240



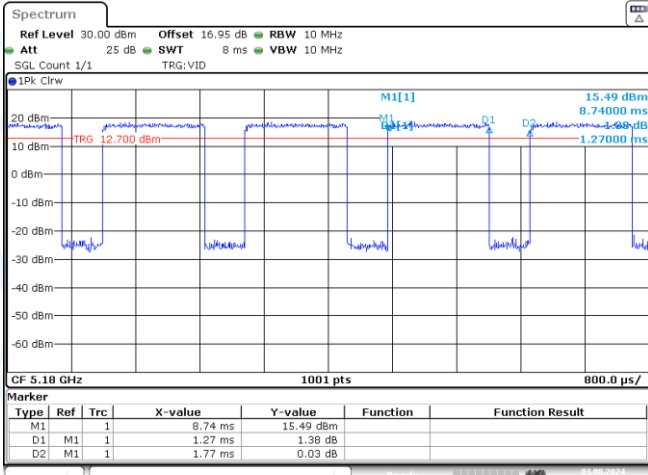
NTNV-11A-Ant1-5745



NTNV-11A-Ant1-5785

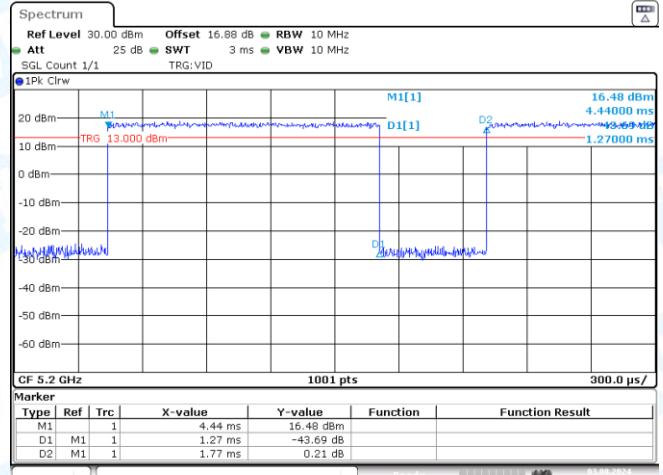


NTNV-11A-Ant1-5825



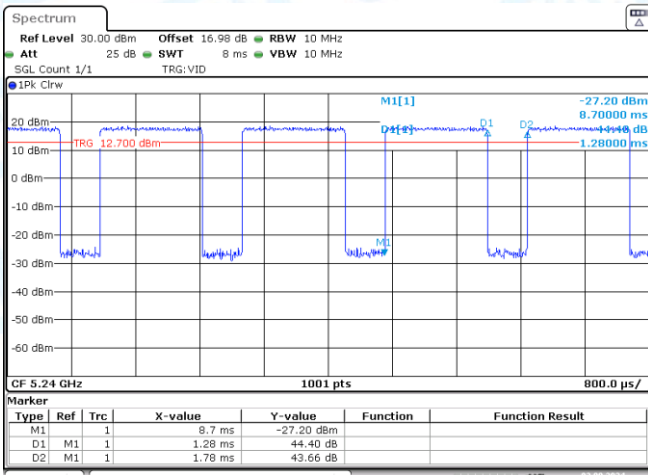
Date: 3.AUG.2024 15:11:41

NTNV-11N20SISO-Ant1-5180



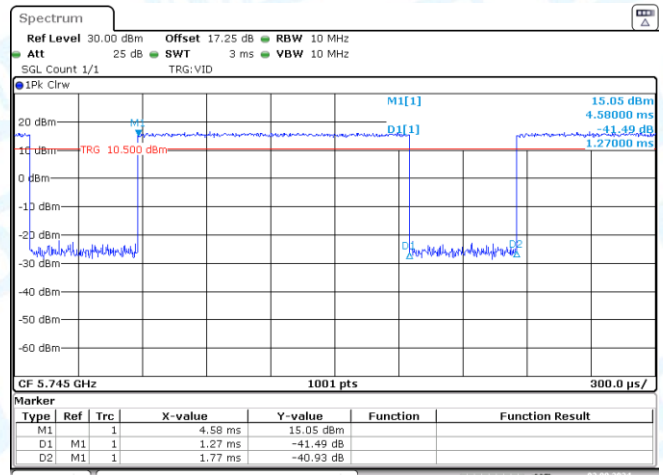
Date: 3.AUG.2024 15:20:51

NTNV-11N20SISO-Ant1-5200



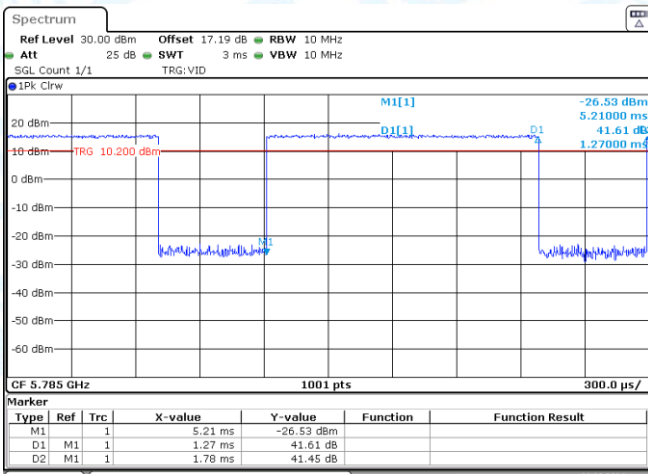
Date: 3.AUG.2024 15:25:20

NTNV-11N20SISO-Ant1-5240



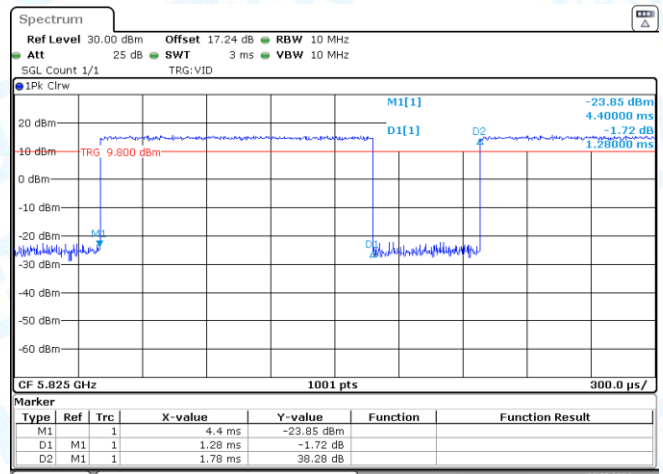
Date: 3.AUG.2024 15:32:52

NTNV-11N20SISO-Ant1-5240



Date: 3.AUG.2024 15:40:07

NTNV-11N20SISO-Ant1-5240



Date: 3.AUG.2024 15:45:55

NTNV-11N20SISO-Ant1-5745

Date: 3.AUG.2024 15:40:07

NTNV-11N20SISO-Ant1-5785

Date: 3.AUG.2024 15:45:55

NTNV-11N20SISO-Ant1-5825

5: Maximum conducted output power

5.1 Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.85	≤23.98	PASS
11A	Ant1	5200	13.87	≤23.98	PASS
11A	Ant1	5240	13.88	≤23.98	PASS
11A	Ant1	5745	13.02	≤30.00	PASS
11A	Ant1	5785	13.31	≤30.00	PASS
11A	Ant1	5825	13.96	≤30.00	PASS
11N20SISO	Ant1	5180	12.83	≤23.98	PASS
11N20SISO	Ant1	5200	13.82	≤23.98	PASS
11N20SISO	Ant1	5240	13.52	≤23.98	PASS
11N20SISO	Ant1	5745	12.85	≤30.00	PASS
11N20SISO	Ant1	5785	13.08	≤30.00	PASS
11N20SISO	Ant1	5825	12.05	≤30.00	PASS

6: Maximum power spectral density

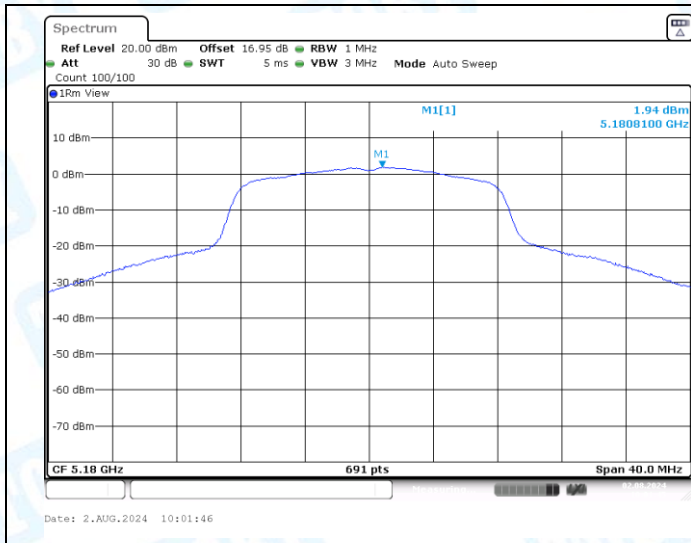
6.1 Test Result

Test Mode	Ant.	Frequency [MHz]	Result [dBm/MHz] Result [dBm/500kHz]	Limit[dBm/MHz] Limit[dBm/500kHz]	Verdict
11A	Ant1	5180	3.30	≤11.00	PASS
11A	Ant1	5200	4.39	≤11.00	PASS
11A	Ant1	5240	4.01	≤11.00	PASS
11A	Ant1	5745	0.55	≤30.00	PASS
11A	Ant1	5785	0.49	≤30.00	PASS
11A	Ant1	5825	1.19	≤30.00	PASS
11N20SISO	Ant1	5180	2.85	≤11.00	PASS
11N20SISO	Ant1	5200	4.03	≤11.00	PASS
11N20SISO	Ant1	5240	3.79	≤11.00	PASS
11N20SISO	Ant1	5745	0.05	≤30.00	PASS
11N20SISO	Ant1	5785	0.32	≤30.00	PASS
11N20SISO	Ant1	5825	-0.76	≤30.00	PASS

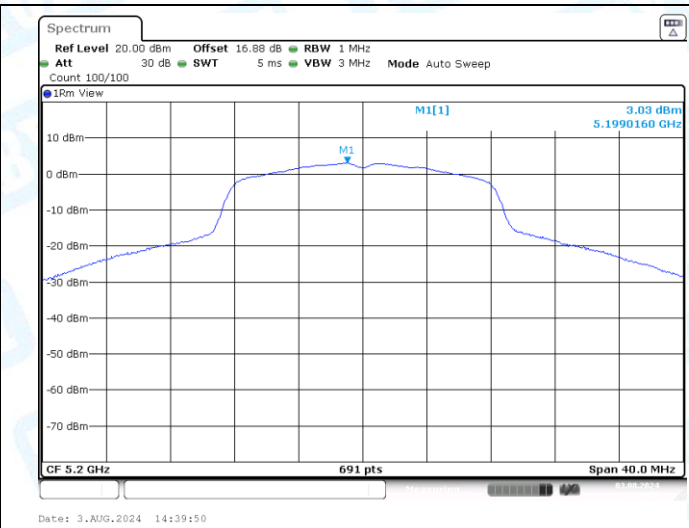
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

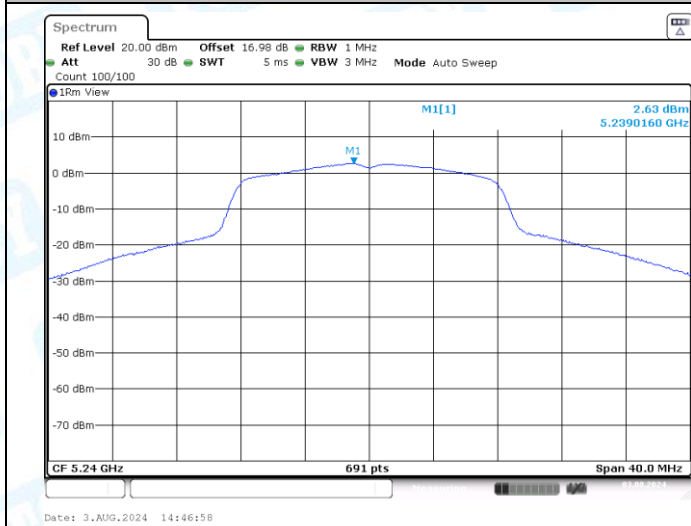
6.2 Test Graphs



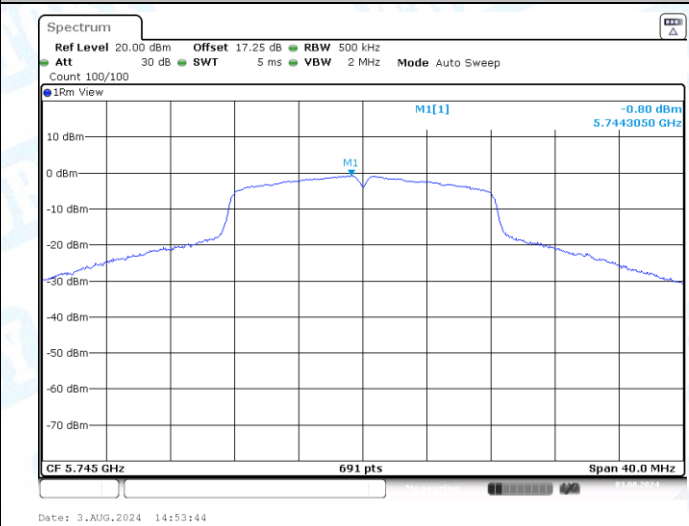
11A-Ant1-5180-PASS



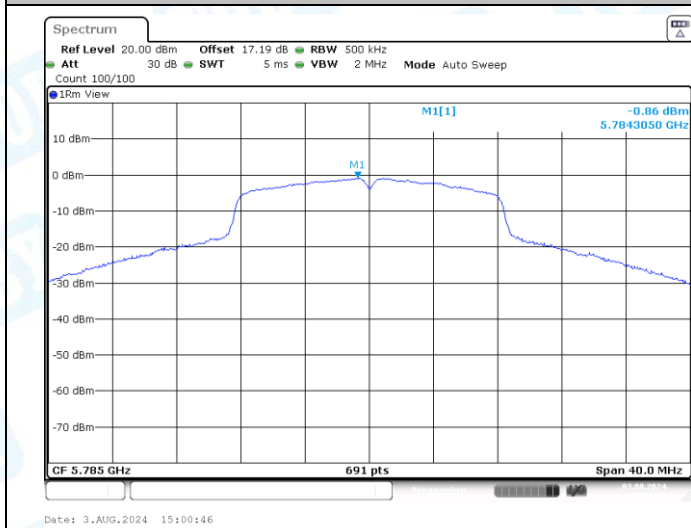
11A-Ant1-5200-PASS



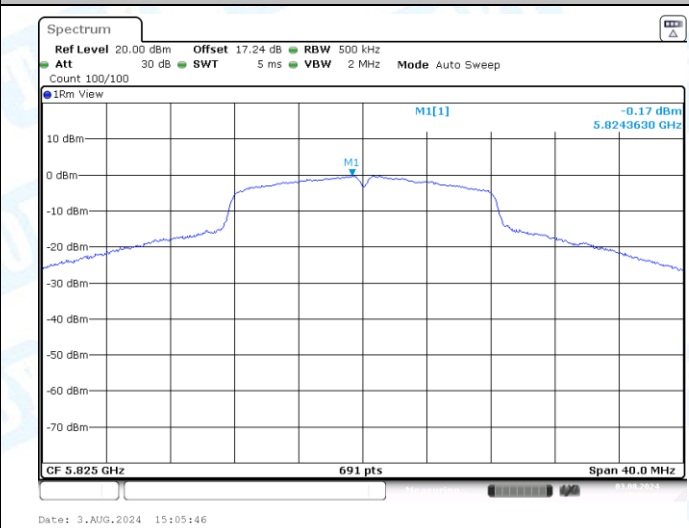
11A-Ant1-5240-PASS



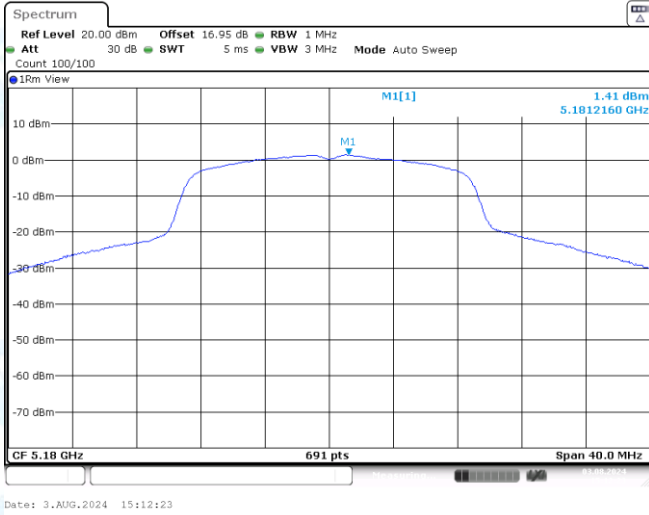
11A-Ant1-5745-PASS



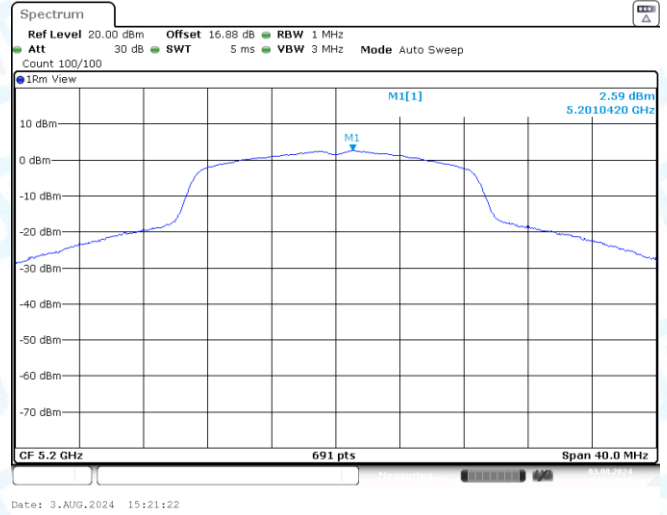
11A-Ant1-5785-PASS



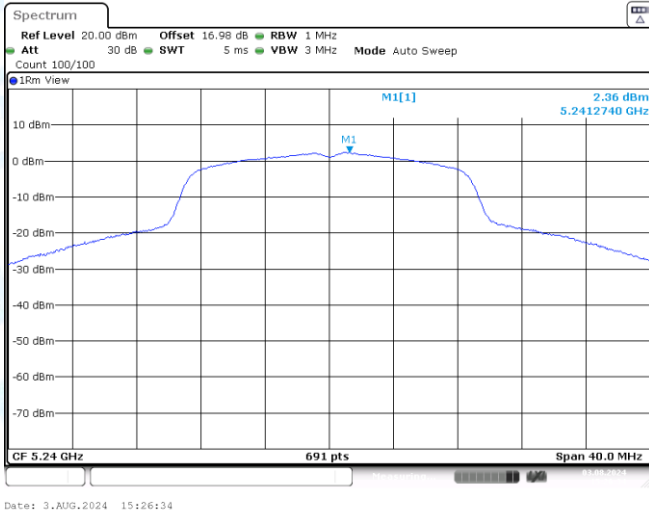
11A-Ant1-5825-PASS



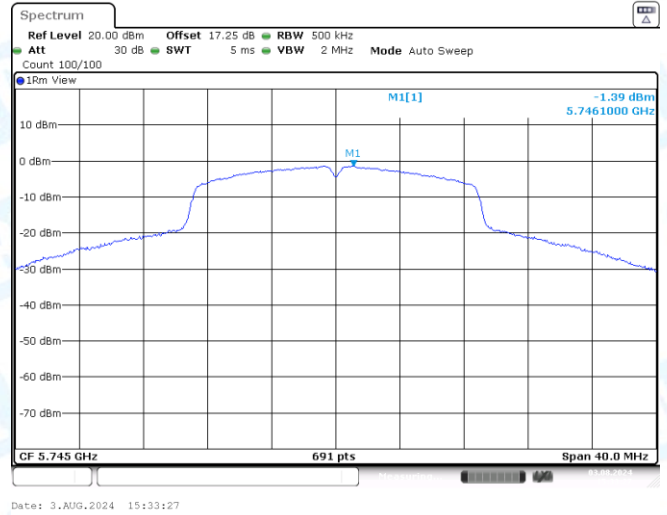
11N20SISO-Ant1-5180-PASS



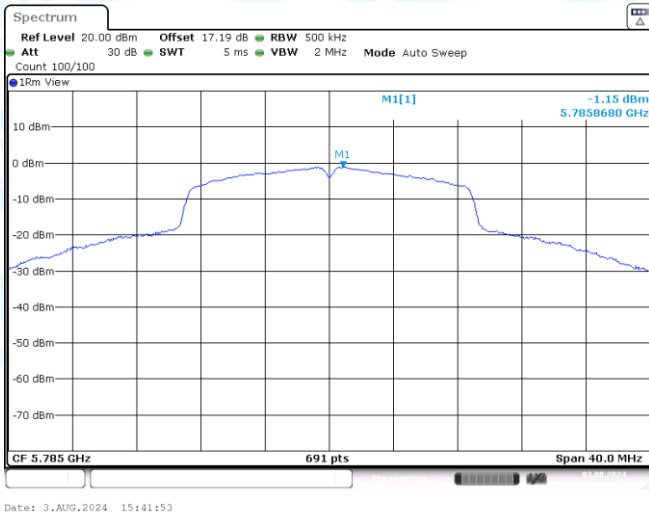
11N20SISO-Ant1-5200-PASS



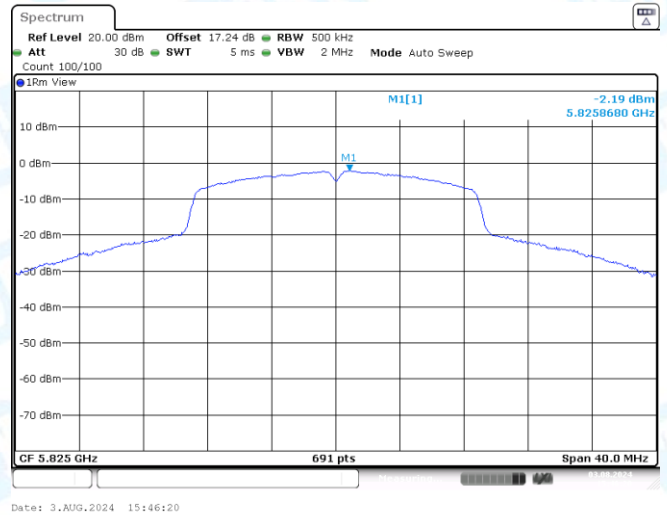
11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS

7: Band edge measurements

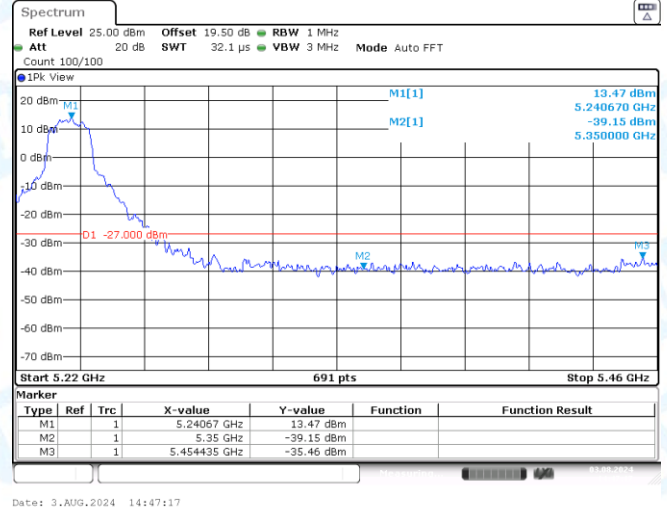
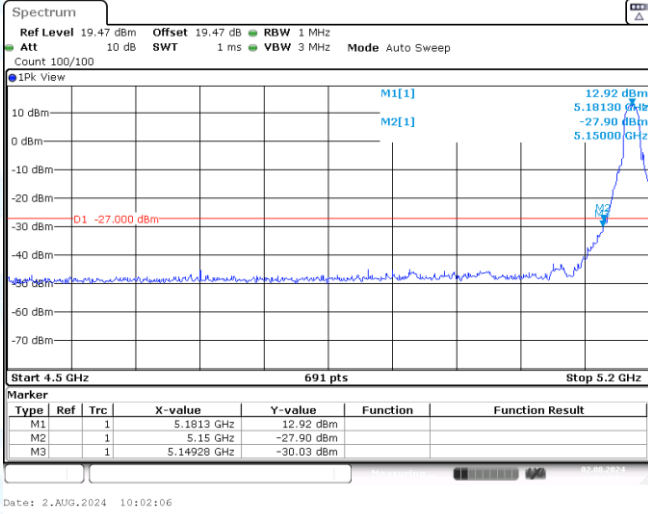
7.1 Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-30.03	≤-27	PASS
11A	Ant1	High	5240	-35.46	≤-27	PASS
11N20SISO	Ant1	Low	5180	-29.56	≤-27	PASS
11N20SISO	Ant1	High	5240	-35.89	≤-27	PASS

7.2 Test Result B4

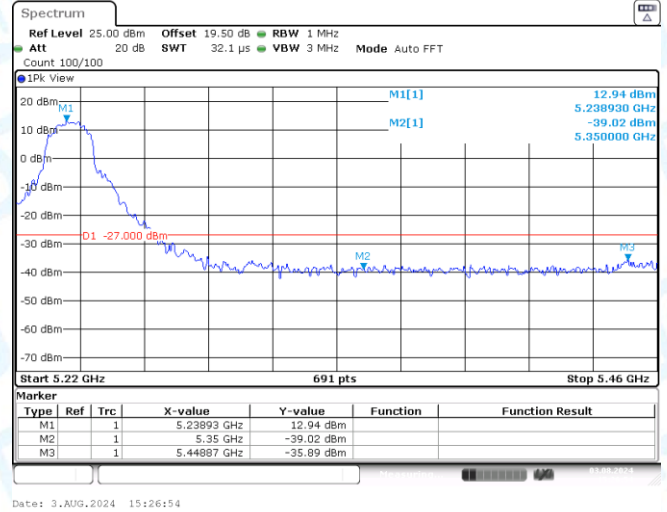
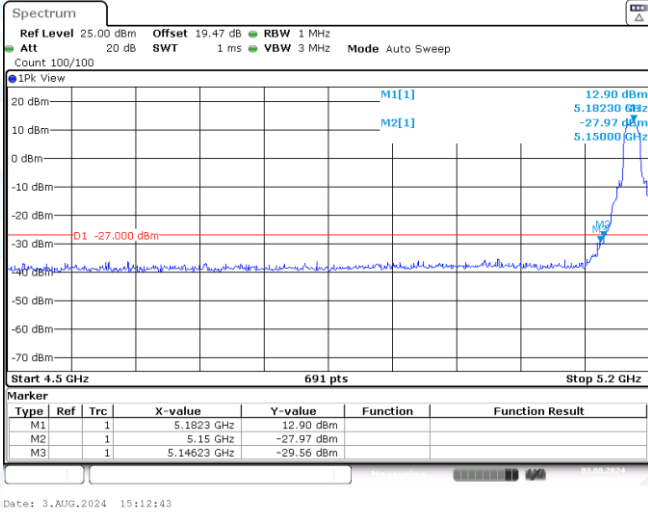
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-11.67	≤25.86	PASS
11A	Ant1	Low	5745	5700~5720	-16.87	≤15.60	PASS
11A	Ant1	Low	5745	5650~5700	-32.44	≤4.94	PASS
11A	Ant1	Low	5745	5760~5650	-35.29	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-12.77	≤15.80	PASS
11A	Ant1	High	5825	5855~5875	-17.78	≤10.05	PASS
11A	Ant1	High	5825	5875~5925	-31.45	≤-26.90	PASS
11A	Ant1	High	5825	5925~5935	-33.43	≤-27	PASS
11N20SISO	Ant1	Low	5745	5720~5725	-10.27	≤24.34	PASS
11N20SISO	Ant1	Low	5745	5700~5720	-14.01	≤15.60	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-33.43	≤9.26	PASS
11N20SISO	Ant1	Low	5745	5760~5650	-35.32	≤-27	PASS
11N20SISO	Ant1	High	5825	5850~5855	-21.83	≤15.80	PASS
11N20SISO	Ant1	High	5825	5855~5875	-27.52	≤10.05	PASS
11N20SISO	Ant1	High	5825	5875~5925	-33.64	≤-16.91	PASS
11N20SISO	Ant1	High	5825	5925~5935	-35.5	≤-27	PASS

7.3 Test Graphs B1



11A-Ant1-5180-PASS

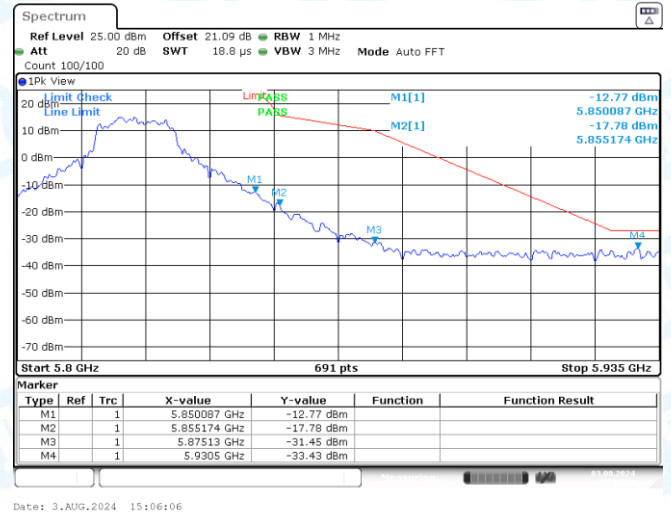
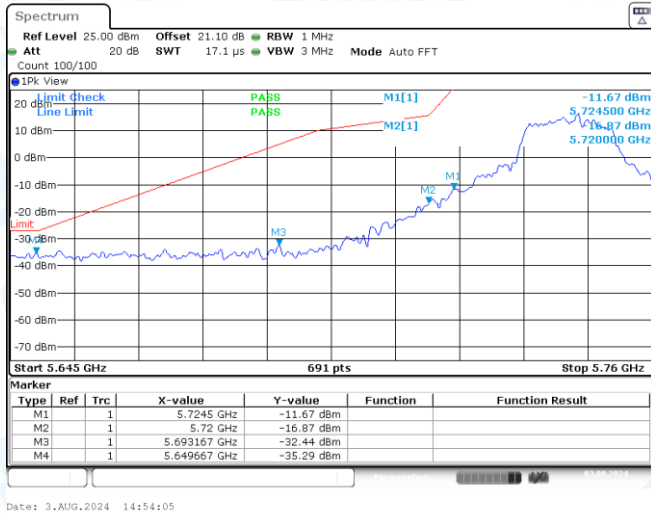
11A-Ant1-5240-PASS



11N20SISO-Ant1-5180-PASS

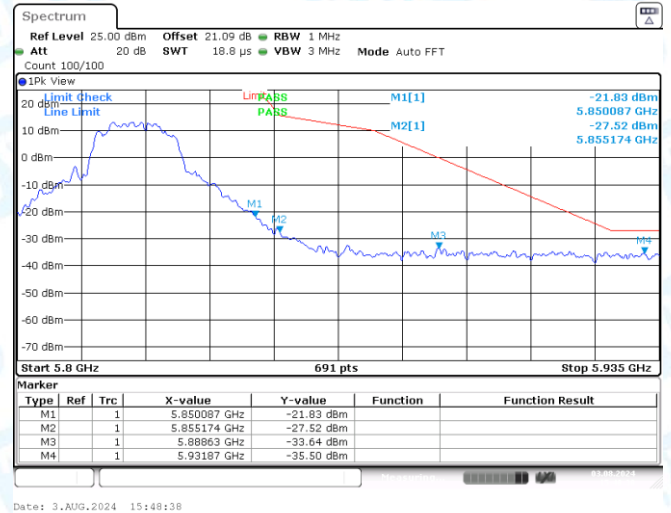
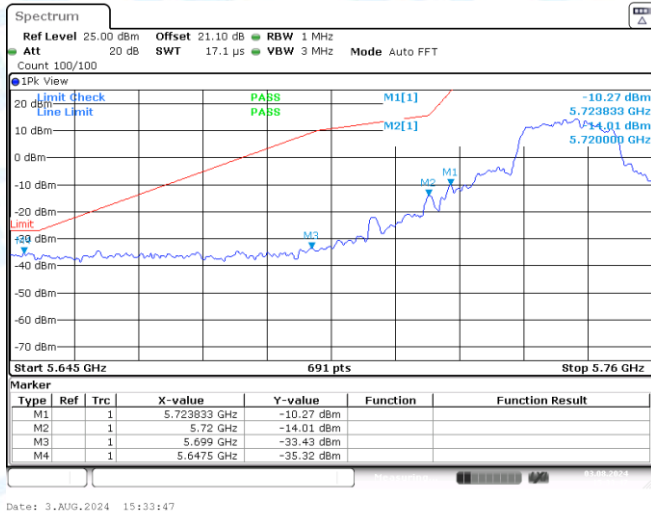
11N20SISO-Ant1-5240-PASS

7.4 Test Graphs B4



11A-Ant1-5745-PASS

11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS

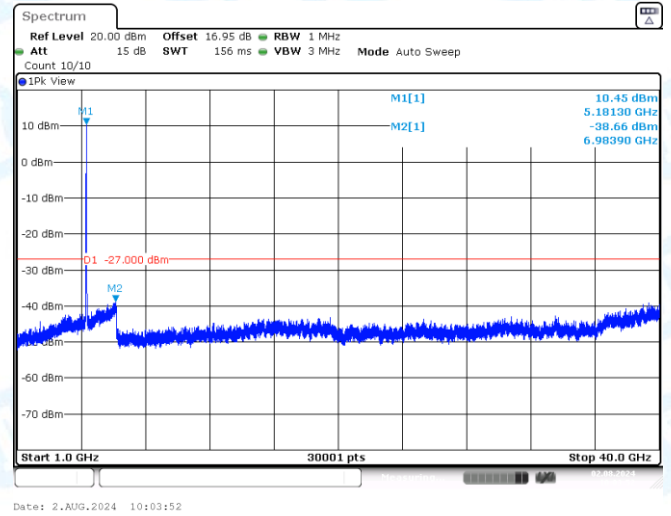
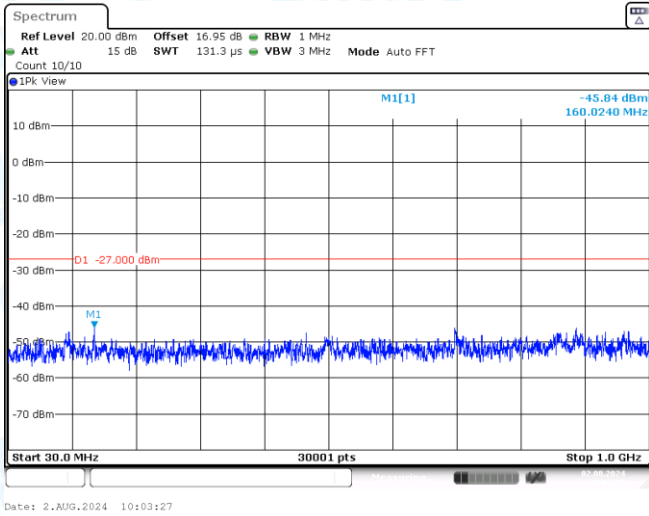
11N20SISO-Ant1-5825-PASS

8: Conducted Spurious Emission

8.1 Test Result

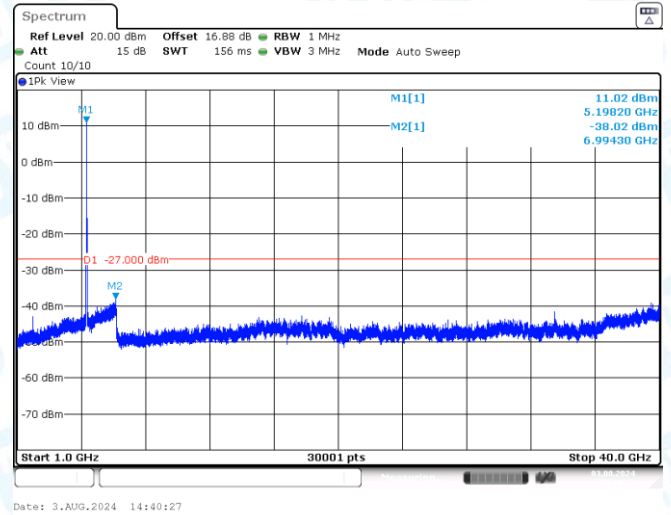
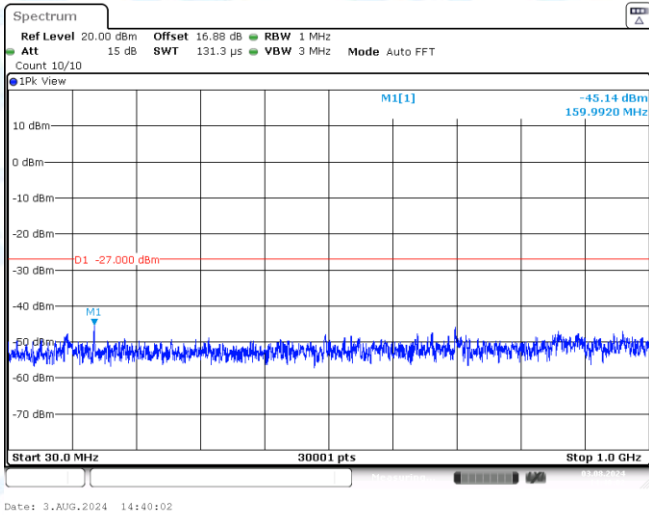
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	160.02	-45.84	≤-27	PASS
11A	Ant1	5180	1000~40000	6983.9	-38.66	≤-27	PASS
11A	Ant1	5200	30~1000	159.99	-45.14	≤-27	PASS
11A	Ant1	5200	1000~40000	6994.3	-38.02	≤-27	PASS
11A	Ant1	5240	30~1000	160.06	-44.27	≤-27	PASS
11A	Ant1	5240	1000~40000	6952.7	-37.83	≤-27	PASS
11A	Ant1	5745	30~1000	159.96	-45.55	≤-27	PASS
11A	Ant1	5745	1000~40000	39724.4	-38.64	≤-27	PASS
11A	Ant1	5785	30~1000	160.19	-44.8	≤-27	PASS
11A	Ant1	5785	1000~40000	6983.9	-37.94	≤-27	PASS
11A	Ant1	5825	30~1000	965.45	-44.82	≤-27	PASS
11A	Ant1	5825	1000~40000	6974.8	-38.26	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	880.81	-45.62	≤-27	PASS
11N20SISO	Ant1	5180	1000~40000	6985.2	-38.1	≤-27	PASS
11N20SISO	Ant1	5200	30~1000	159.86	-46.03	≤-27	PASS
11N20SISO	Ant1	5200	1000~40000	6868.2	-37.56	≤-27	PASS
11N20SISO	Ant1	5240	30~1000	706.05	-45.75	≤-27	PASS
11N20SISO	Ant1	5240	1000~40000	6839.6	-38.43	≤-27	PASS
11N20SISO	Ant1	5745	30~1000	862.99	-44.37	≤-27	PASS
11N20SISO	Ant1	5745	1000~40000	6826.6	-38.95	≤-27	PASS
11N20SISO	Ant1	5785	30~1000	861.44	-45.04	≤-27	PASS
11N20SISO	Ant1	5785	1000~40000	1937.3	-35.88	≤-27	PASS
11N20SISO	Ant1	5825	30~1000	160.22	-44.21	≤-27	PASS
11N20SISO	Ant1	5825	1000~40000	6987.8	-38.56	≤-27	PASS

8.2 Test Graphs



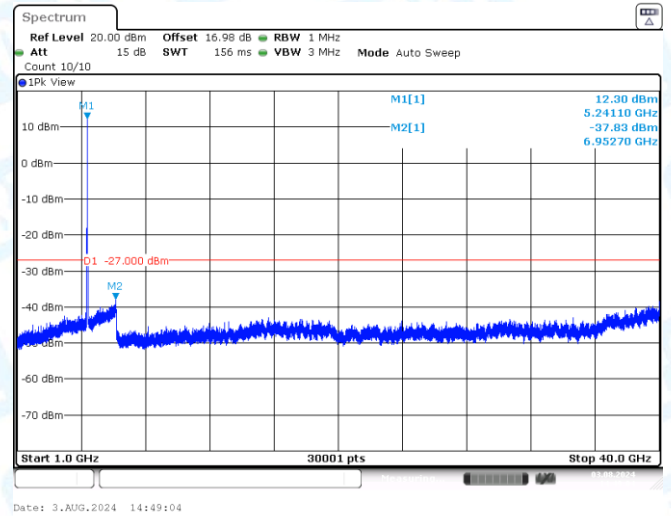
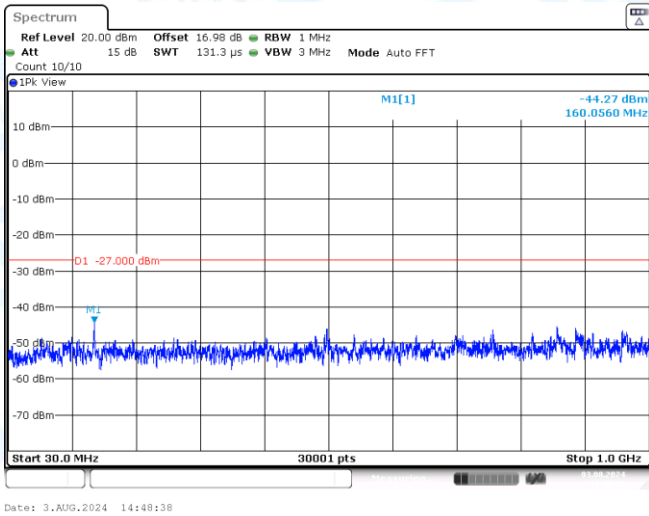
11A-Ant1-5180-30~1000-PASS

11A-Ant1-5180-1000~40000-PASS



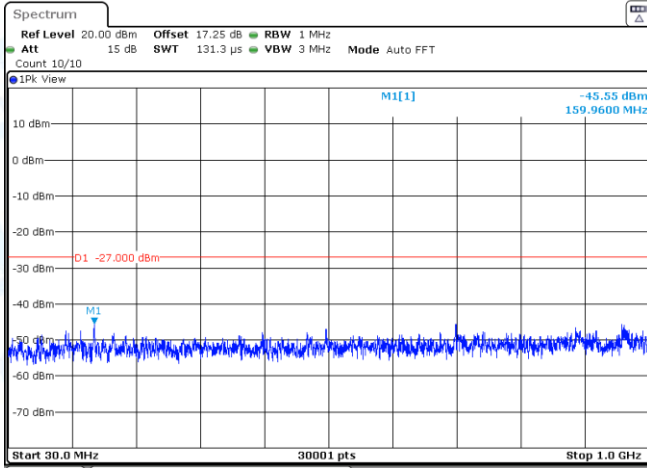
11A-Ant1-5200-30~1000-PASS

11A-Ant1-5200-1000~40000-PASS

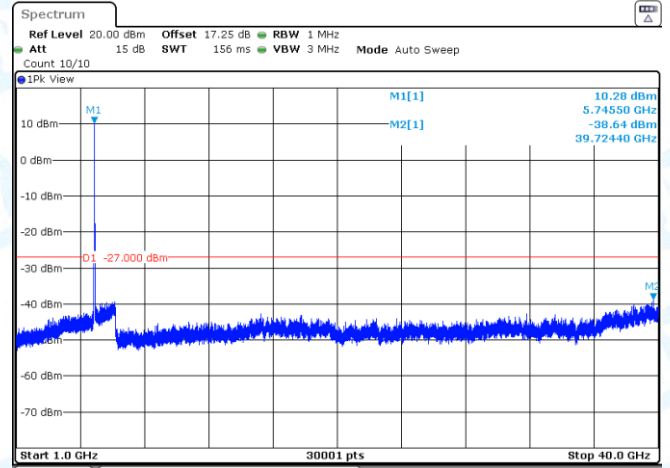


11A-Ant1-5240-30~1000-PASS

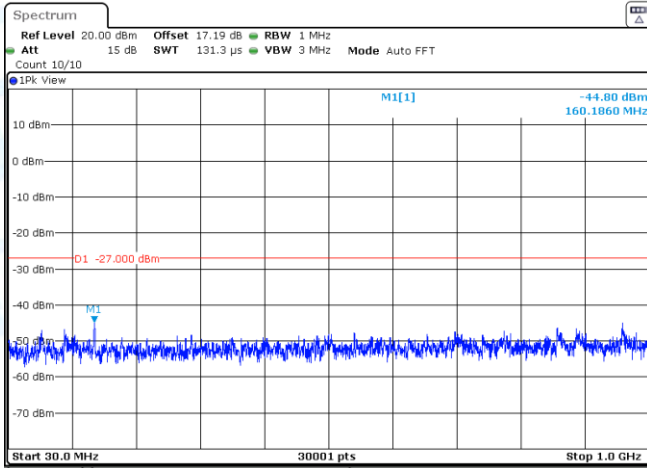
11A-Ant1-5240-1000~40000-PASS



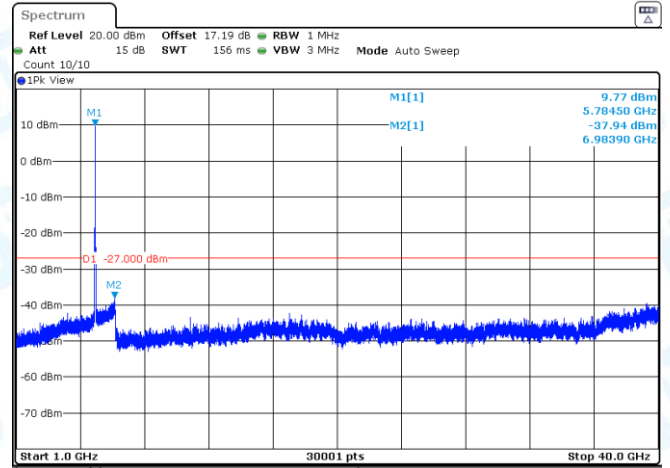
11A-Ant1-5745-30~1000-PASS



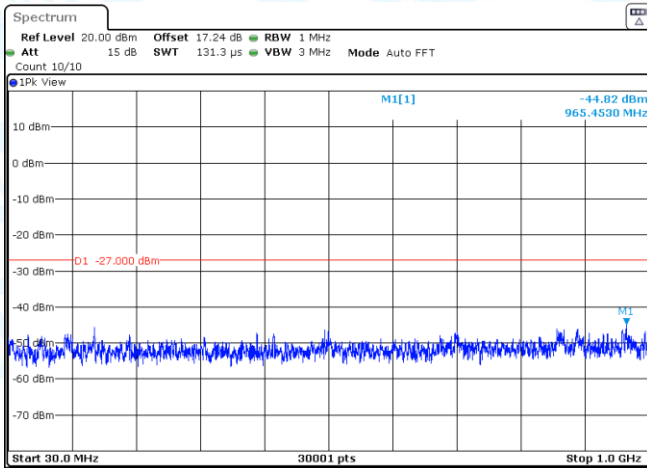
11A-Ant1-5745-1000~40000-PASS



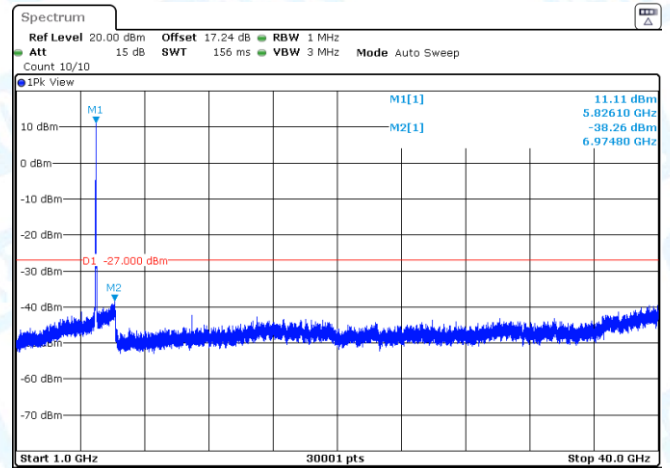
11A-Ant1-5785-30~1000-PASS



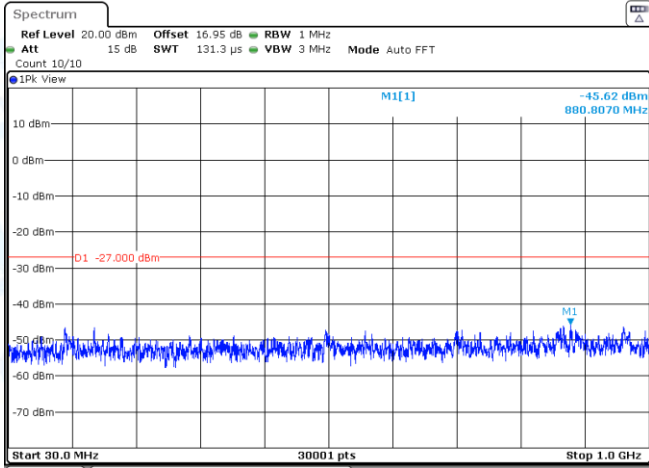
11A-Ant1-5785-1000~40000-PASS



11A-Ant1-5825-30~1000-PASS

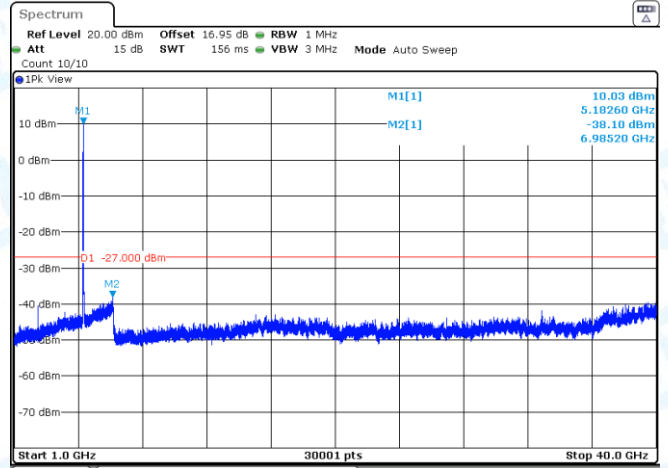


11A-Ant1-5825-1000~40000-PASS



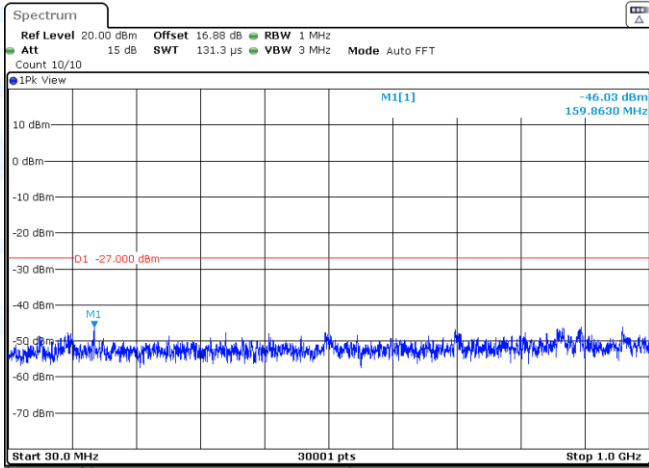
Date: 3.AUG.2024 15:14:04

11N20SISO-Ant1-5180-30~1000-PASS



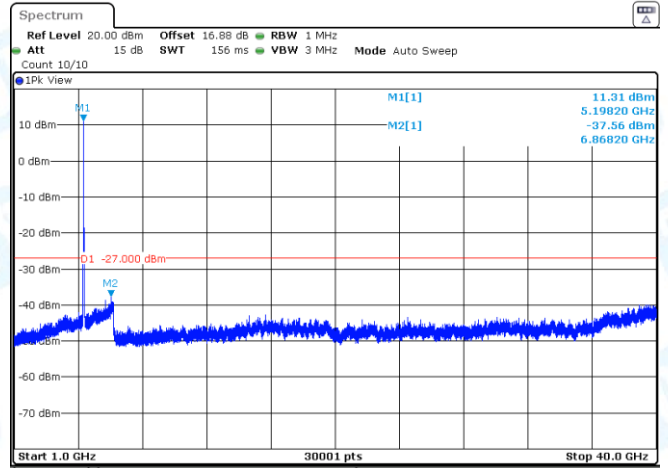
Date: 3.AUG.2024 15:14:30

11N20SISO-Ant1-5180-1000~40000-PASS



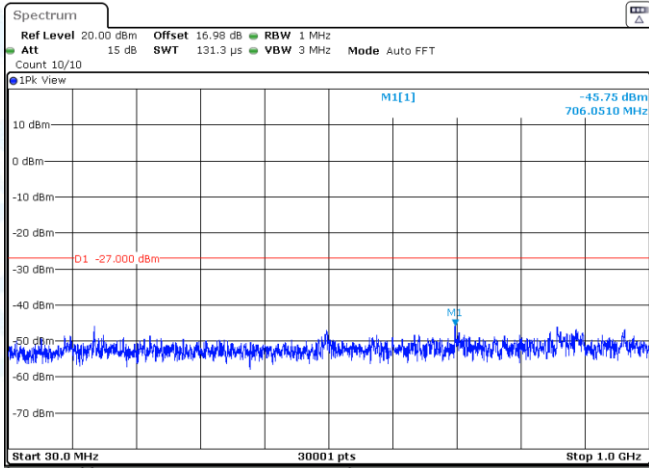
Date: 3.AUG.2024 15:21:35

11N20SISO-Ant1-5200-30~1000-PASS



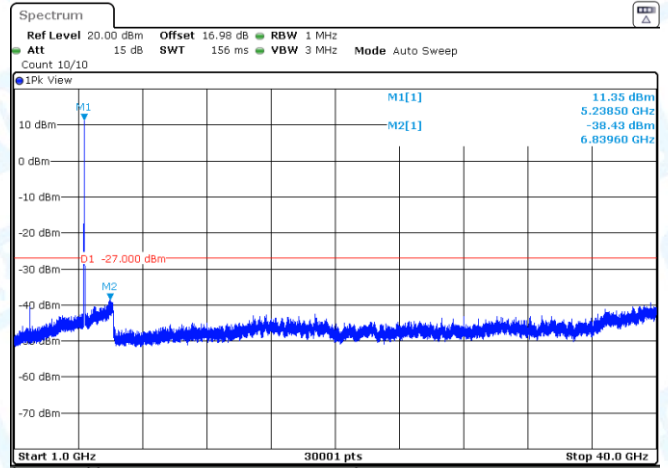
Date: 3.AUG.2024 15:22:00

11N20SISO-Ant1-5200-1000~40000-PASS



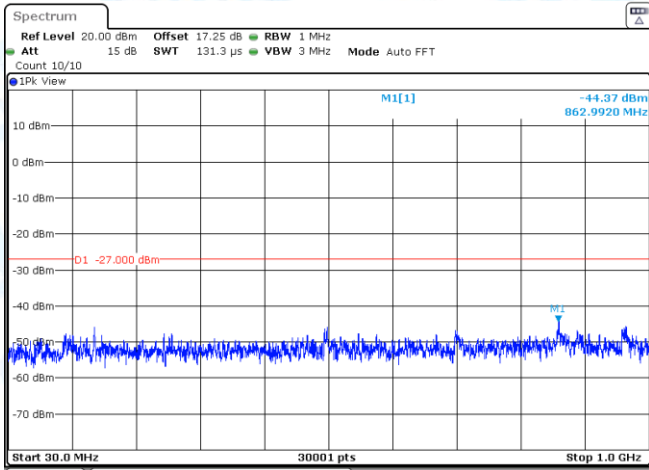
Date: 3.AUG.2024 15:28:15

11N20SISO-Ant1-5240-30~1000-PASS



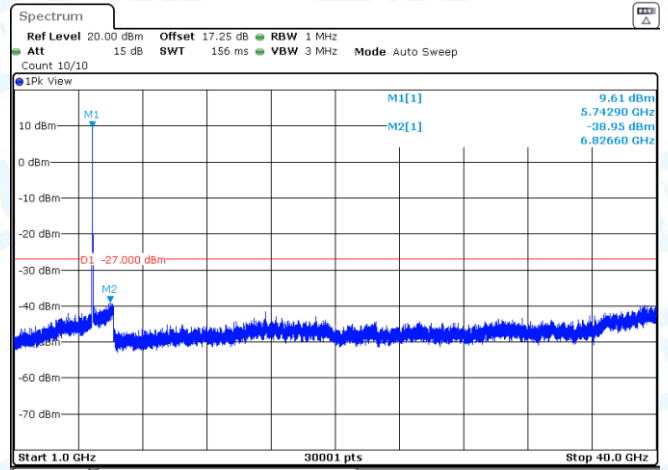
Date: 3.AUG.2024 15:28:41

11N20SISO-Ant1-5240-1000~40000-PASS



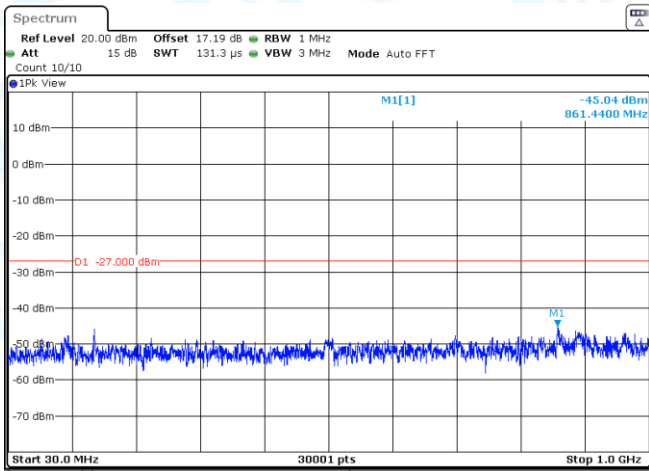
Date: 3.AUG.2024 15:35:14

11N20SISO-Ant1-5745-30~1000-PASS



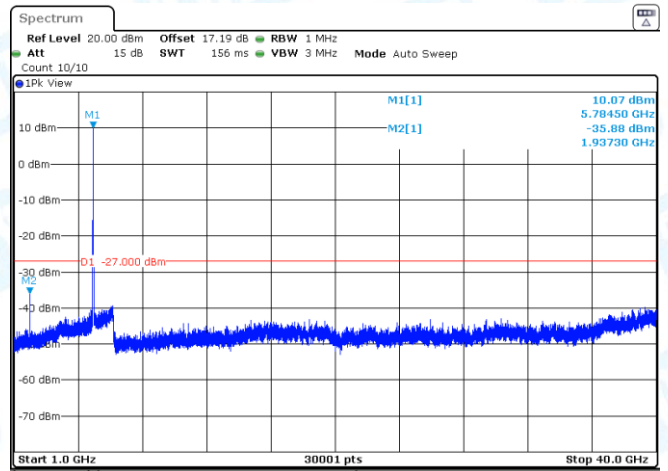
Date: 3.AUG.2024 15:35:27

11N20SISO-Ant1-5745-1000~40000-PASS



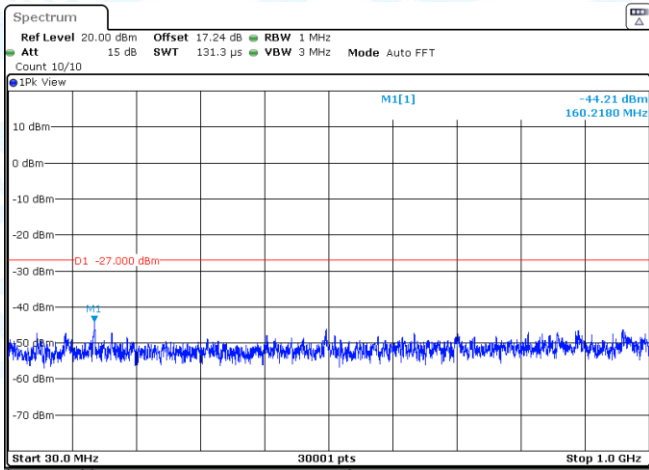
Date: 3.AUG.2024 15:42:06

11N20SISO-Ant1-5785-30~1000-PASS



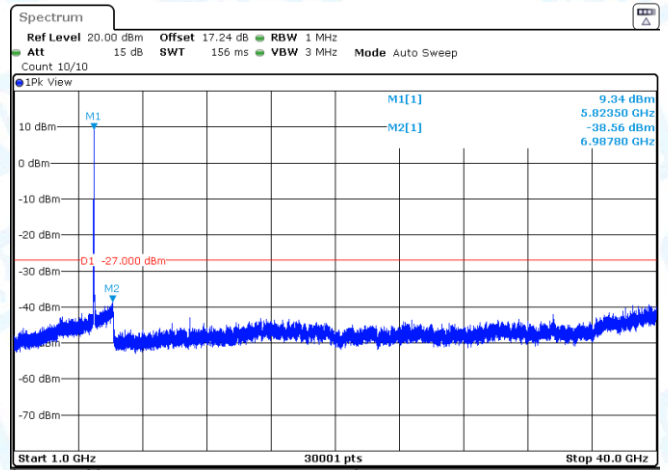
Date: 3.AUG.2024 15:42:19

11N20SISO-Ant1-5785-1000~40000-PASS



Date: 3.AUG.2024 15:50:05

11N20SISO-Ant1-5825-30~1000-PASS



Date: 3.AUG.2024 15:50:18

11N20SISO-Ant1-5825-1000~40000-PASS

9: Frequency Stability

9.1 Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	LV	NT	20000.00	3.457217	20	PASS
11A	Ant1	5785	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	NT	40000.00	6.866953	20	PASS
11A	Ant1	5825	LV	NT	60000.00	10.300429	20	PASS
11A	Ant1	5825	HV	NT	60000.00	10.300429	20	PASS
11N20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	NT	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	LV	NT	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5745	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	LV	NT	40000.00	6.914434	20	PASS
11N20SISO	Ant1	5785	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5825	NV	NT	20000.00	3.433476	20	PASS
11N20SISO	Ant1	5825	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	10	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	45	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	0	20000.00	3.846154	20	PASS
11A	Ant1	5200	NV	10	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	45	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	45	-20000.00	-3.816794	20	PASS
11A	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	45	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	10	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	30	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	45	20000.00	3.457217	20	PASS
11A	Ant1	5825	NV	0	40000.00	6.866953	20	PASS
11A	Ant1	5825	NV	10	40000.00	6.866953	20	PASS
11A	Ant1	5825	NV	20	60000.00	10.300429	20	PASS
11A	Ant1	5825	NV	30	40000.00	6.866953	20	PASS
11A	Ant1	5825	NV	45	60000.00	10.300429	20	PASS
11N20SISO	Ant1	5180	NV	0	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	45	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	0	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	20	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	45	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	0	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	10	0.00	0.000000	20	PASS

11N20SISO	Ant1	5240	NV	20	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	45	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11N20SISO	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	20	20000.00	3.481288	20	PASS
11N20SISO	Ant1	5745	NV	30	20000.00	3.481288	20	PASS
11N20SISO	Ant1	5745	NV	45	0.00	0.000000	20	PASS
11N20SISO	Ant1	5785	NV	0	0.00	0.000000	20	PASS
11N20SISO	Ant1	5785	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5785	NV	20	20000.00	3.457217	20	PASS
11N20SISO	Ant1	5785	NV	30	20000.00	3.457217	20	PASS
11N20SISO	Ant1	5785	NV	45	0.00	0.000000	20	PASS
11N20SISO	Ant1	5825	NV	0	20000.00	3.433476	20	PASS
11N20SISO	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	20	0.00	0.000000	20	PASS
11N20SISO	Ant1	5825	NV	30	20000.00	3.433476	20	PASS
11N20SISO	Ant1	5825	NV	45	0.00	0.000000	20	PASS

10: Emissions in Restricted Bands

10.1 Test Result

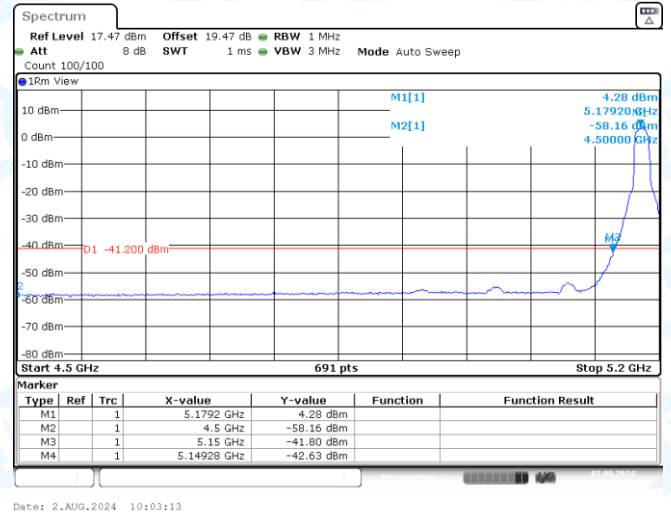
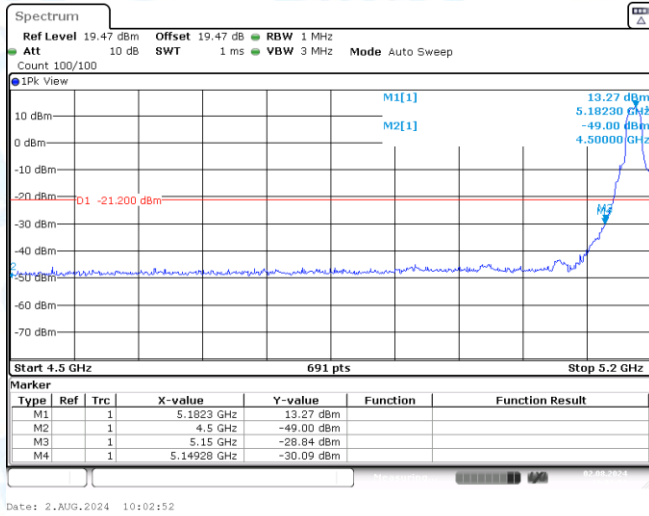
TestMode	Ant.	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	Peak	4500.000	-49	≤-21.20	46.20	≤74	PASS
11A	Ant1	Low	5180	Peak	5150.000	-28.84	≤-21.20	66.36	≤74	PASS
11A	Ant1	Low	5180	Peak	5149.275	-30.09	≤-21.20	65.11	≤74	PASS
11A	Ant1	Low	5180	AV	4500.000	-58.16	≤-41.20	37.04	≤54	PASS
11A	Ant1	Low	5180	AV	5150.000	-41.8	≤-41.20	53.40	≤54	PASS
11A	Ant1	Low	5180	AV	5149.275	-42.63	≤-41.20	52.57	≤54	PASS
11A	Ant1	High	5240	Peak	5350.000	-38.4	≤-21.20	56.80	≤74	PASS
11A	Ant1	High	5240	Peak	5460.000	-37.04	≤-21.20	58.16	≤74	PASS
11A	Ant1	High	5240	Peak	5448.522	-34.71	≤-21.20	60.49	≤74	PASS
11A	Ant1	High	5240	AV	5350.000	-47.19	≤-41.20	48.01	≤54	PASS
11A	Ant1	High	5240	AV	5460.000	-46.47	≤-41.20	48.73	≤54	PASS
11A	Ant1	High	5240	AV	5450.609	-44.76	≤-41.20	50.44	≤54	PASS
11A	Ant1	Low	5745	Peak	5650.000	-36.26	≤-27.00	---	---	PASS
11A	Ant1	Low	5745	Peak	5700.000	-32.71	≤10.00	---	---	PASS
11A	Ant1	Low	5745	Peak	5720.000	-19.85	≤15.60	---	---	PASS
11A	Ant1	Low	5745	Peak	5725.000	-8.8	≤27.00	---	---	PASS
11A	Ant1	Low	5745	AV	5650.000	-44.87	≤-27.00	---	---	PASS
11A	Ant1	Low	5745	AV	5700.000	-42.66	≤10.00	---	---	PASS
11A	Ant1	Low	5745	AV	5720.000	-30.5	≤15.60	---	---	PASS
11A	Ant1	Low	5745	AV	5725.000	-23.99	≤27.00	---	---	PASS
11A	Ant1	High	5825	Peak	5850.000	-12.51	≤15.60	---	---	PASS
11A	Ant1	High	5825	Peak	5855.000	-15.27	≤27.00	---	---	PASS
11A	Ant1	High	5825	Peak	5875.000	-31.56	≤15.60	---	---	PASS
11A	Ant1	High	5825	Peak	5925.000	-33.4	≤10.00	---	---	PASS
11A	Ant1	High	5825	AV	5850.000	-25.43	≤15.60	---	---	PASS
11A	Ant1	High	5825	AV	5855.000	-29.64	≤27.00	---	---	PASS
11A	Ant1	High	5825	AV	5875.000	-42.67	≤15.60	---	---	PASS
11A	Ant1	High	5825	AV	5925.000	-44.01	≤10.00	---	---	PASS
11N20SISO	Ant1	Low	5180	Peak	4500.000	-38.68	≤-21.20	56.52	≤74	PASS
11N20SISO	Ant1	Low	5180	Peak	5150.000	-27.37	≤-21.20	67.83	≤74	PASS
11N20SISO	Ant1	Low	5180	Peak	5149.275	-27.04	≤-21.20	68.16	≤74	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-58.37	≤-41.20	36.83	≤54	PASS
11N20SISO	Ant1	Low	5180	AV	5150.000	-41.43	≤-41.20	53.77	≤54	PASS
11N20SISO	Ant1	Low	5180	AV	5149.275	-42.23	≤-41.20	52.97	≤54	PASS
11N20SISO	Ant1	High	5240	Peak	5350.000	-39.35	≤-21.20	55.85	≤74	PASS
11N20SISO	Ant1	High	5240	Peak	5460.000	-38.49	≤-21.20	56.71	≤74	PASS
11N20SISO	Ant1	High	5240	Peak	5456.522	-34.82	≤-21.20	60.38	≤74	PASS
11N20SISO	Ant1	High	5240	AV	5350.000	-46.9	≤-41.20	48.30	≤54	PASS
11N20SISO	Ant1	High	5240	AV	5460.000	-46.69	≤-41.20	48.51	≤54	PASS
11N20SISO	Ant1	High	5240	AV	5447.478	-44.42	≤-41.20	50.78	≤54	PASS

11N20SISO	Ant1	Low	5745	Peak	5650.000	-35.88	≤-27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5700.000	-29.88	≤10.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5720.000	-18.33	≤15.60	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5725.000	-9.92	≤27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	AV	5650.000	-44.97	≤-27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	AV	5700.000	-42.72	≤10.00	---	---	PASS
11N20SISO	Ant1	Low	5745	AV	5720.000	-31.3	≤15.60	---	---	PASS
11N20SISO	Ant1	Low	5745	AV	5725.000	-23.44	≤27.00	---	---	PASS
11N20SISO	Ant1	High	5825	Peak	5850.000	-20.22	≤15.60	---	---	PASS
11N20SISO	Ant1	High	5825	Peak	5855.000	-26.24	≤27.00	---	---	PASS
11N20SISO	Ant1	High	5825	Peak	5875.000	-35.62	≤15.60	---	---	PASS
11N20SISO	Ant1	High	5825	Peak	5925.000	-34.68	≤10.00	---	---	PASS
11N20SISO	Ant1	High	5825	AV	5850.000	-32.8	≤15.60	---	---	PASS
11N20SISO	Ant1	High	5825	AV	5855.000	-37.79	≤27.00	---	---	PASS
11N20SISO	Ant1	High	5825	AV	5875.000	-44.23	≤15.60	---	---	PASS
11N20SISO	Ant1	High	5825	AV	5925.000	-43.74	≤10.00	---	---	PASS

Note:

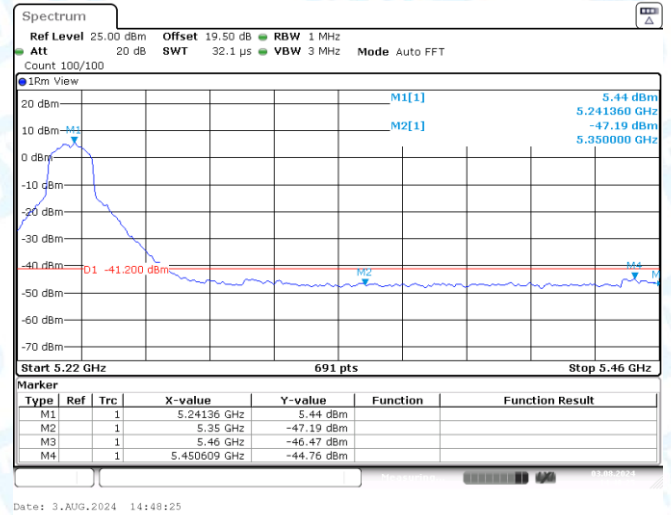
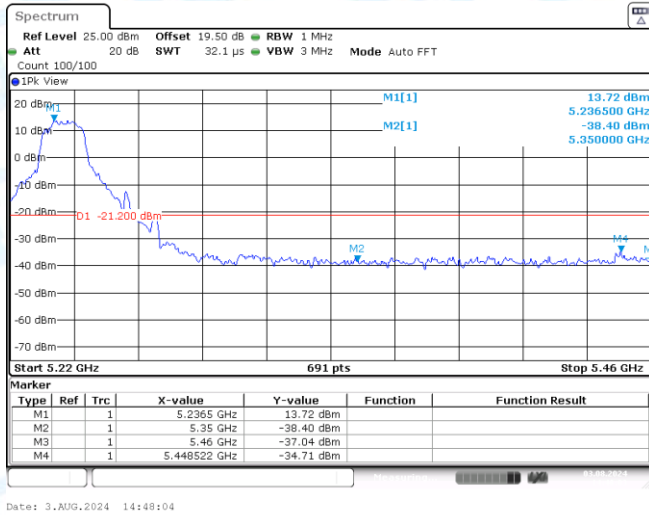
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

10.2 Test Graphs



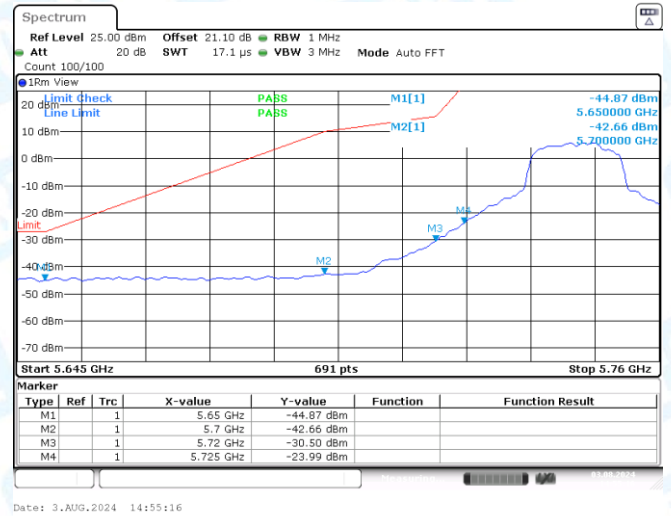
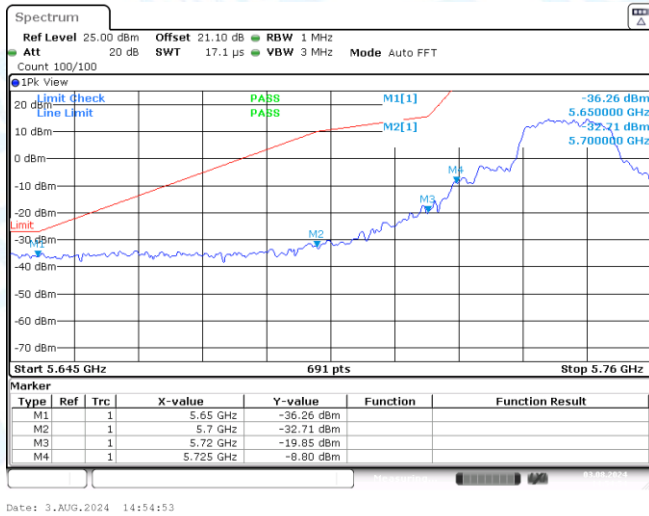
11A-Ant1-5180-PASS

11A-Ant1-5180-PASS



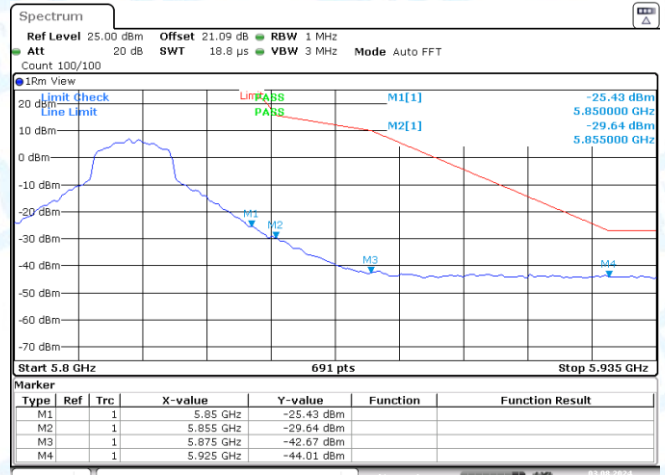
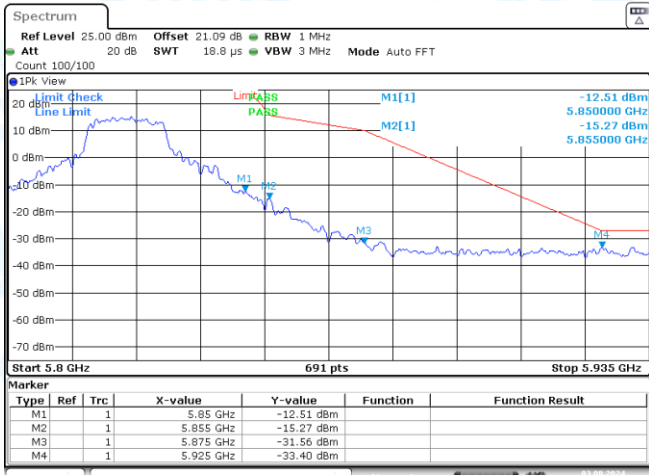
11A-Ant1-5240-PASS

11A-Ant1-5240-PASS



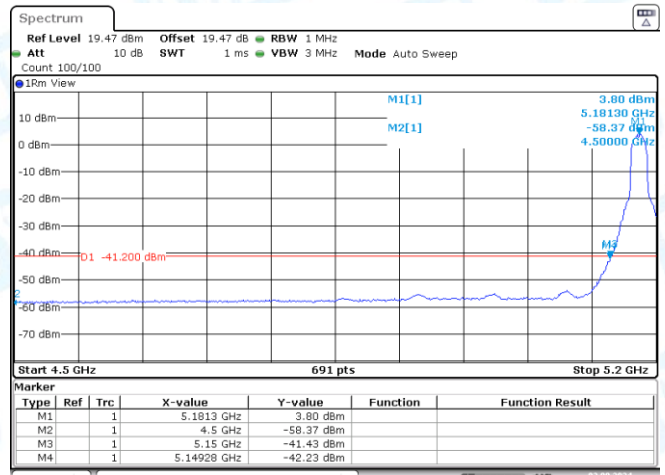
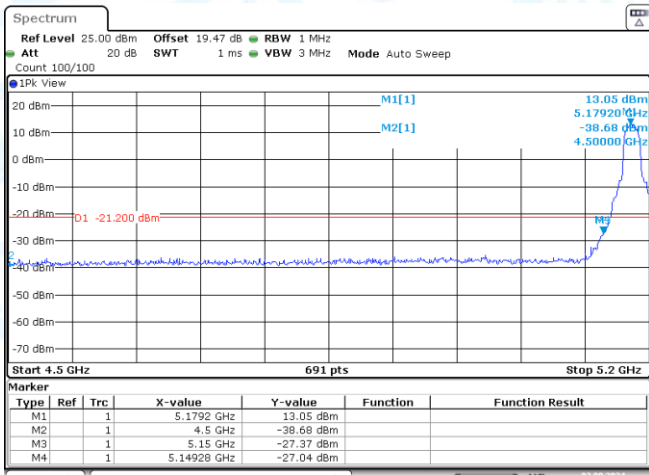
11A-Ant1-5745-PASS

11A-Ant1-5745-PASS



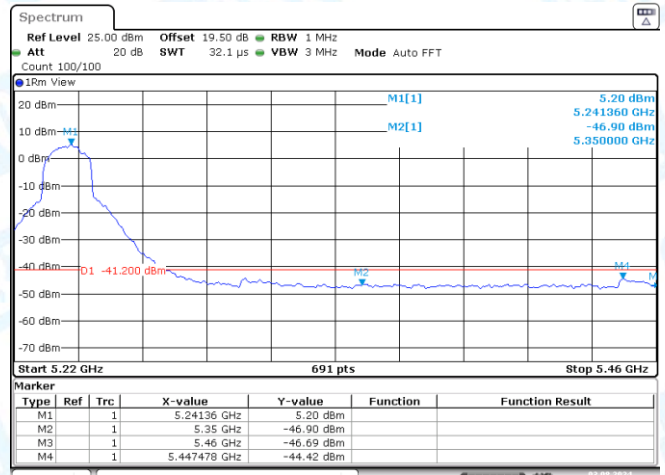
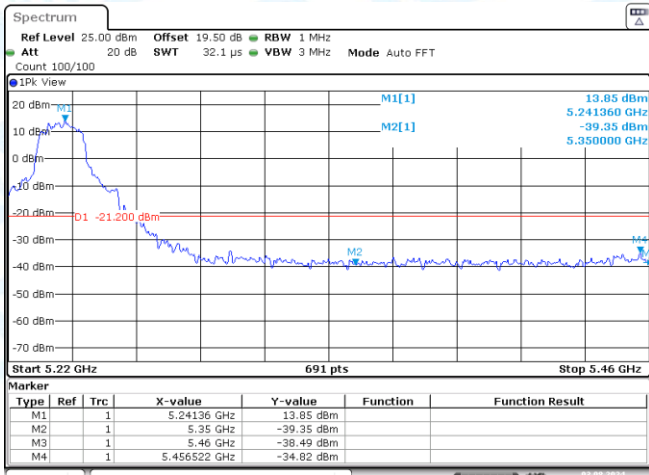
11A-Ant1-5825-PASS

11A-Ant1-5825-PASS



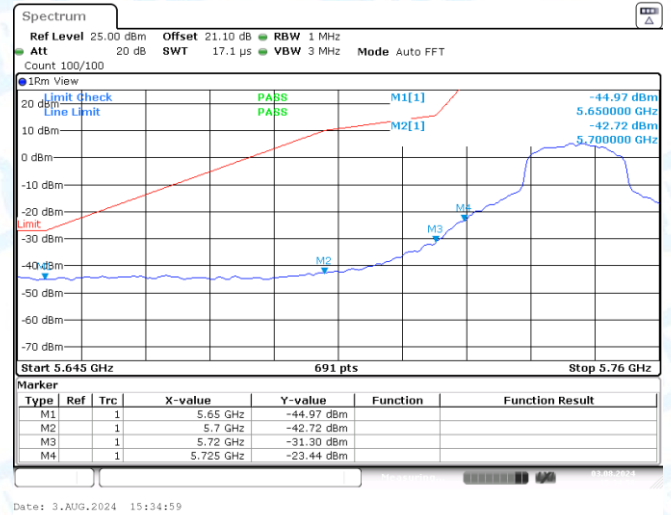
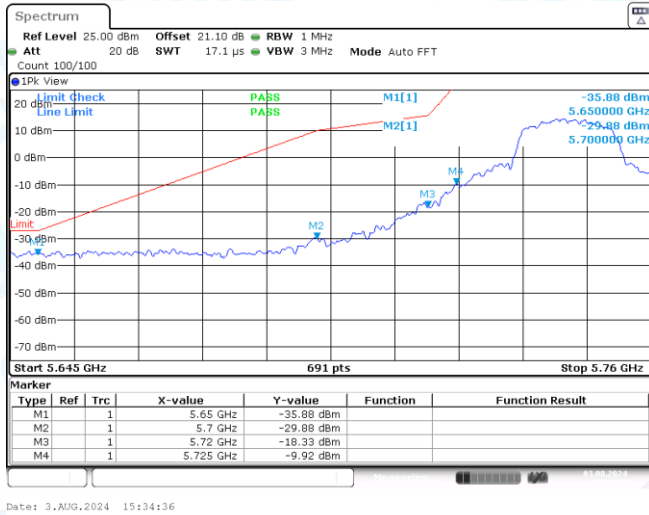
11N20SISO-Ant1-5180-PASS

11N20SISO-Ant1-5180-PASS



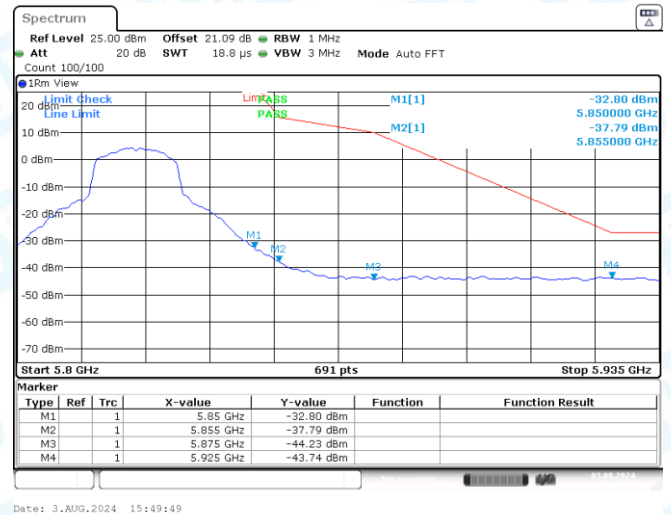
11N20SISO-Ant1-5240-PASS

11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5745-PASS

11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5825-PASS

11N20SISO-Ant1-5825-PASS

-----END OF THE REPORT-----