

5.BANDWIDTH

5.1LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a) FCC 15.407(e)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
	26 dB Bandwidth	-	5470-5725
	6dB Bandwidth	Minimum 500 kHz	5725-5850

5.2TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below
- Spectrum Setting:

For UNII-1, UNII-2A, UNII-2C

Spectrum Parameter	Setting
Span Frequency	> 26dB Bandwidth
RBW	Appromixately 1% of the emission bandwidth
VBW	> RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For UNII-3:

Spectrum Parameter	Setting
Span Frequency	> 6dB Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

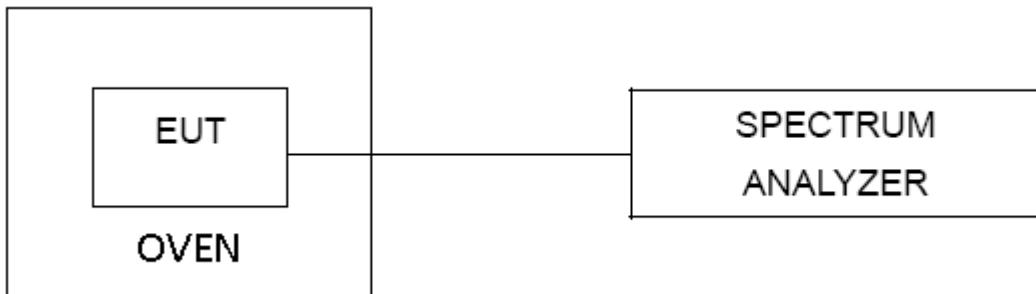
For 99% Occupied Bandwidth:

Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	$\geq 3 \times$ RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- Measured the spectrum width with power higher than 26dB / 6dB below carrier.

5.3DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP**5.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6.MAXIMUMOUTPUT POWER

6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	MAXimumOutput Power	AP device:1 Watt (30dBm)	5150-5250
		Client device: 250mW (23.98dBm)	
		250mW (23.98dBm)	5250-5350
		250mW (23.98dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

- a. For client devices in the 5.15-5.25 GHz band, the Maximumconducted output power over the frequency band of operation shall not exceed 250 mW provided the Maximumantenna gain does not exceed 6 dBi. In addition, the Maximumpower spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the Maximumconducted output power and the Maximumpower spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the Maximumconducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10\log B$, where B is the 26dB Bandwidth in megahertz.

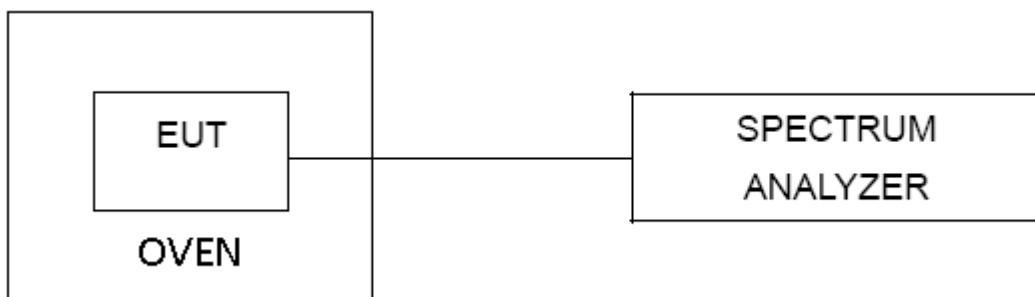
6.2 TEST PROCEDURE

- a. The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- b. The test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. POWER SPECTRAL DENSITY

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Power Spectral Density	AP device:17dBm/MHz	5150-5250
		Client device:11dBm/MHz	
		11dBm/MHz	5250-5350
		11dBm/MHz	5470-5725
		30dBm/500kHz	5725-5850

7.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting:
For UNII-1, UNII-2C, UNII-2C

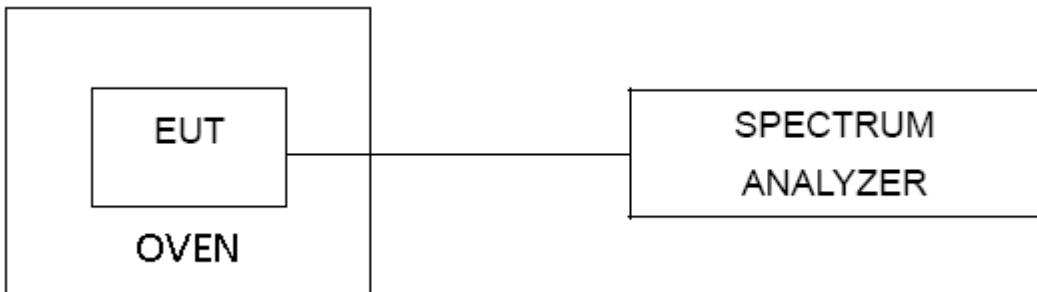
Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1MHz.
VBW	3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

For UNII-3:

Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	500KHz.
VBW	2MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP**7.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIXG.

8.FREQUENCY STABILITY

8.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(g)	Frequency Stability	An emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.	5150-5250
			5250-5350
			5470-5725
			5725-5850

8.2 TEST PROCEDURE

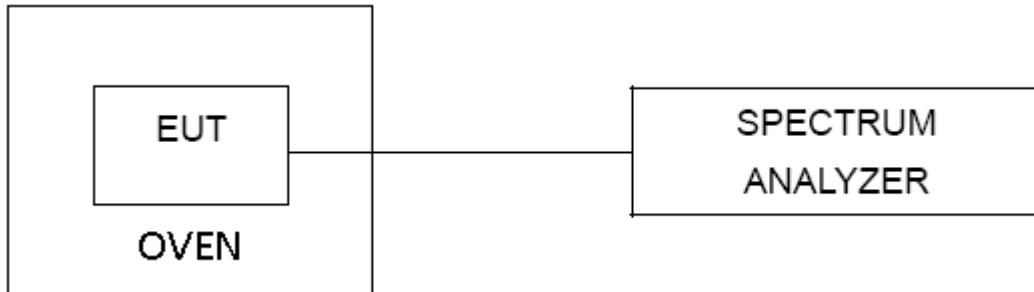
- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting:

Spectrum Parameter	Setting
Span Frequency	Entire absence of modulation emissionsbandwidth
RBW	10 kHz
VBW	10kHz
Detector	Peak
Trace	MAX Hold
Sweep Time	Auto
- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- d. User manual temperature is -30°C~75°C.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

N/A.

9. MEASUREMENT INSTRUMENTS LIST

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI Receiver	Rohde&Schwarz	ESIB 40	YH-TIRT-SAC-966-20220911	2025/01/05	2026/01/04
Integral Antenna	Schwarzbeck	VULB 9163	01314	2024/12/11	2026/12/10
Integral Antenna	Rohde&Schwarz	HF907	RSM2991424	2024/12/11	2026/12/10
Preamplifier	Emtrace	RP01A	'02017	2025/01/05	2026/01/04
Preamplifier	Schwarzbeck	BBV9744	00143	2025/01/05	2026/01/04
Loop Antenna	ZHINAN	ZN30900A	12024	2025/01/05	2026/01/04
Horn Antenna	Schwarzbeck	BBHA9170	00956	2025/01/05	2026/01/04
RF Cable	/	LMR400UF-NMNM-7.0M	/	2025/01/05	2026/01/04
RF Cable	/	SFT2050PUR-NMNM-7.0M	/	2025/01/05	2026/01/04
EMI Receiver	Rohde&Schwarz	ESR7	1316.3003K07-10 2611-mk	2024/11/02	2025/11/01
LISN	Rohde&Schwarz	ENV216	3560.655.12-1029 15-Bp	2024/11/02	2025/11/01
RF Cable	\	SFT2050PUR-NMNM-2.0M	\	2025/01/05	2026/01/04
Spectrum analyzer	ROHDE&SCHWARZ	FSU26	200732	2025/01/05	2026/01/04
Spectrum analyzer	ROHDE&SCHWARZ	FSV40-N	101722	2025/01/05	2026/01/04
Filter	HEWLETT PACKARD	JS0806-F	19K8060209	2025/01/05	2026/01/04

10.EUT TEST PHOTOS

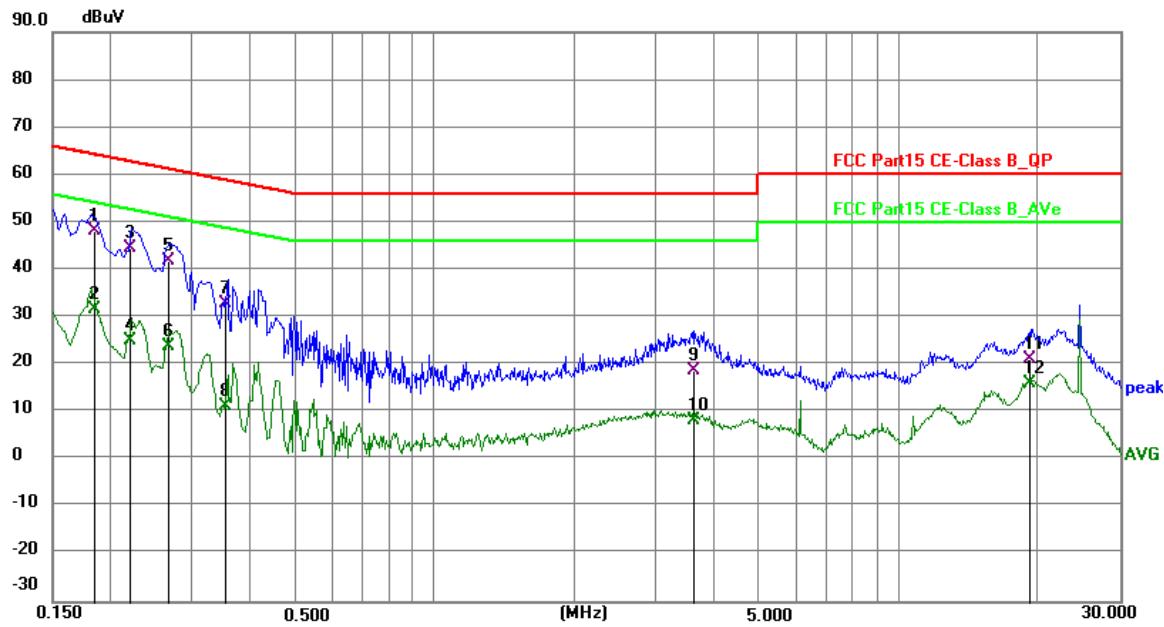
Please reference to the appendix I Test Setup Photo for details.

11.EUT PHOTOS

Please reference to the appendix II external photos and appendix III internal photos for details..

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX A Mode Channel 140 (UNII-2C)	Phase	Line
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1850	38.57	9.63	48.20	64.26	-16.06	QP	P	
2	0.1850	22.00	9.63	31.63	54.26	-22.63	AVG	P	
3	0.2203	34.85	9.63	44.48	62.81	-18.33	QP	P	
4	0.2203	15.44	9.63	25.07	52.81	-27.74	AVG	P	
5	0.2661	32.28	9.63	41.91	61.24	-19.33	QP	P	
6	0.2661	14.08	9.63	23.71	51.24	-27.53	AVG	P	
7	0.3531	23.15	9.63	32.78	58.89	-26.11	QP	P	
8	0.3531	1.73	9.63	11.36	48.89	-37.53	AVG	P	
9	3.6392	9.12	9.67	18.79	56.00	-37.21	QP	P	
10	3.6392	-1.31	9.67	8.36	46.00	-37.64	AVG	P	
11	19.2971	11.45	9.78	21.23	60.00	-38.77	QP	P	
12	19.2971	6.25	9.78	16.03	50.00	-33.97	AVG	P	

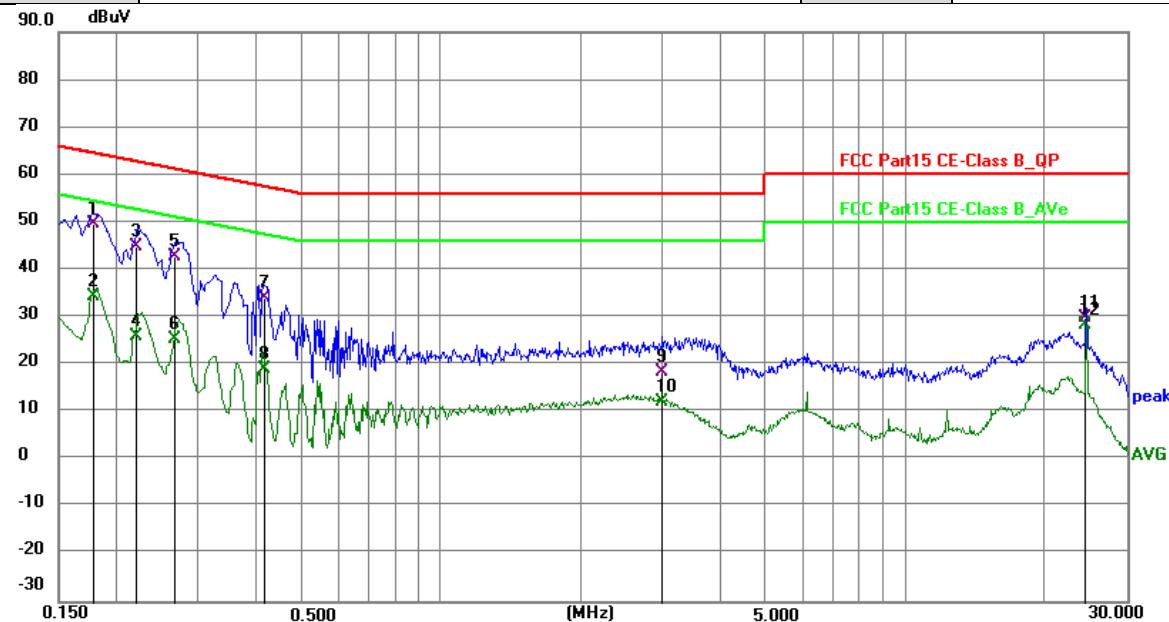
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

(3) The test result has included the cable loss.

Test Mode	TX A Mode Channel 140 (UNII-2C)	Phase	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1784	39.95	9.63	49.58	64.56	-14.98	QP	P	
2	0.1784	24.80	9.63	34.43	54.56	-20.13	AVG	P	
3	0.2203	35.14	9.63	44.77	62.81	-18.04	QP	P	
4	0.2203	16.40	9.63	26.03	52.81	-26.78	AVG	P	
5	0.2685	33.15	9.62	42.77	61.16	-18.39	QP	P	
6	0.2685	15.79	9.62	25.41	51.16	-25.75	AVG	P	
7	0.4166	24.34	9.62	33.96	57.52	-23.56	QP	P	
8	0.4166	9.48	9.62	19.10	47.52	-28.42	AVG	P	
9	3.0109	8.74	9.67	18.41	56.00	-37.59	QP	P	
10	3.0109	2.59	9.67	12.26	46.00	-33.74	AVG	P	
11	24.5756	19.95	9.84	29.79	60.00	-30.21	QP	P	
12	24.5756	18.50	9.84	28.34	50.00	-21.66	AVG	P	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) The test result has included the cable loss.

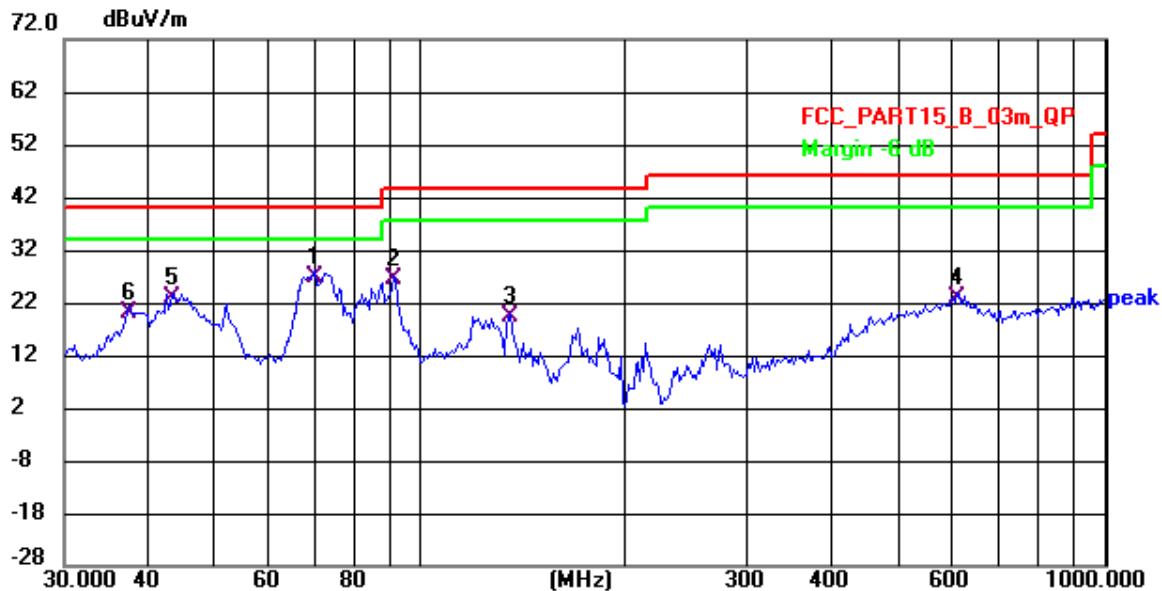
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

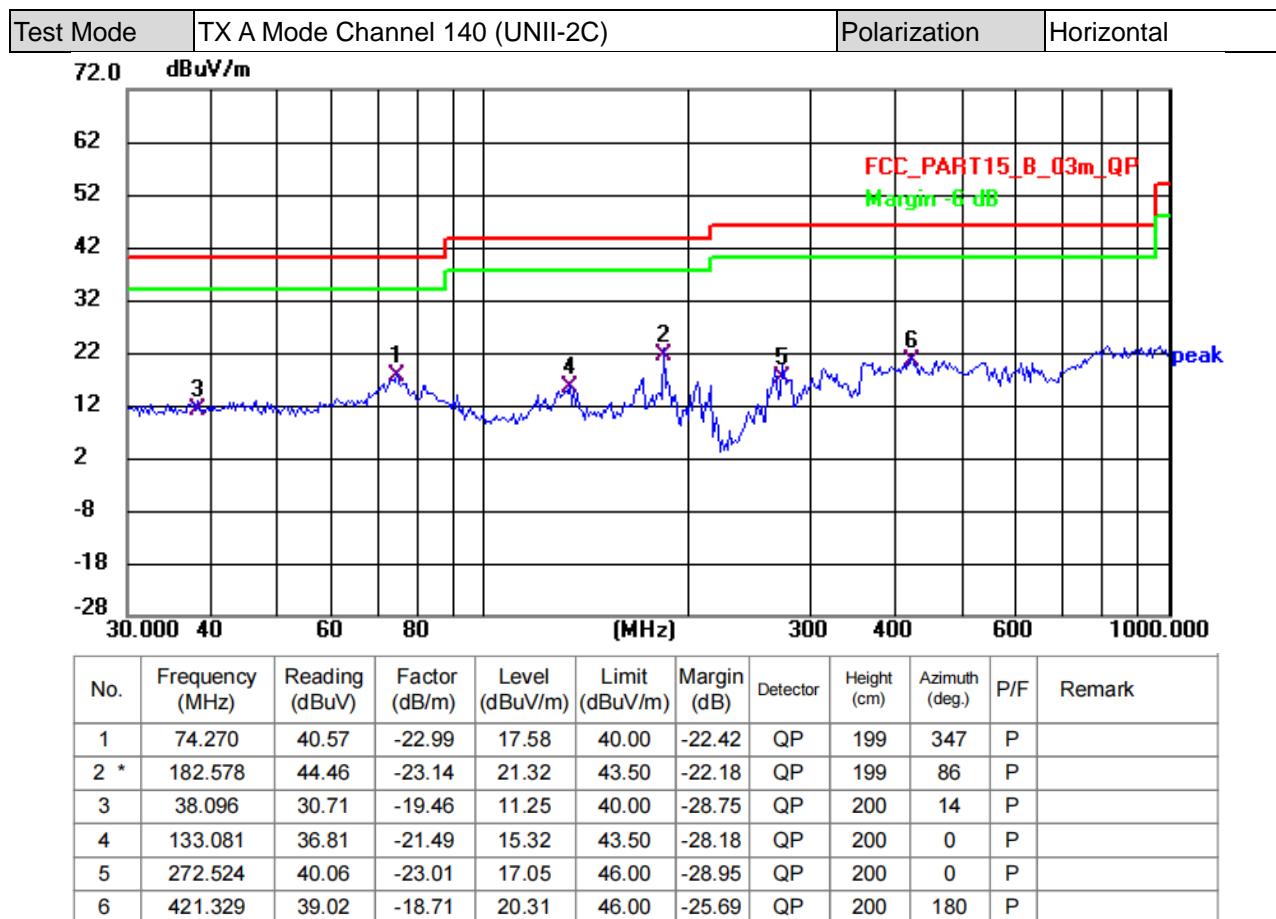
Test Mode	TX A Mode Channel 140 (UNII-2C)	Polarization	Vertical
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	69.718	49.00	-22.02	26.98	40.00	-13.02	QP	100	206	P	
2	91.057	50.87	-24.33	26.54	43.50	-16.96	QP	100	228	P	
3	134.964	40.77	-21.45	19.32	43.50	-24.18	QP	100	254	P	
4	607.181	36.96	-13.95	23.01	46.00	-22.99	QP	100	321	P	
5	43.233	42.13	-19.39	22.74	40.00	-17.26	QP	100	0	P	
6	37.302	39.58	-19.57	20.01	40.00	-19.99	QP	100	171	P	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Result of Band edges.

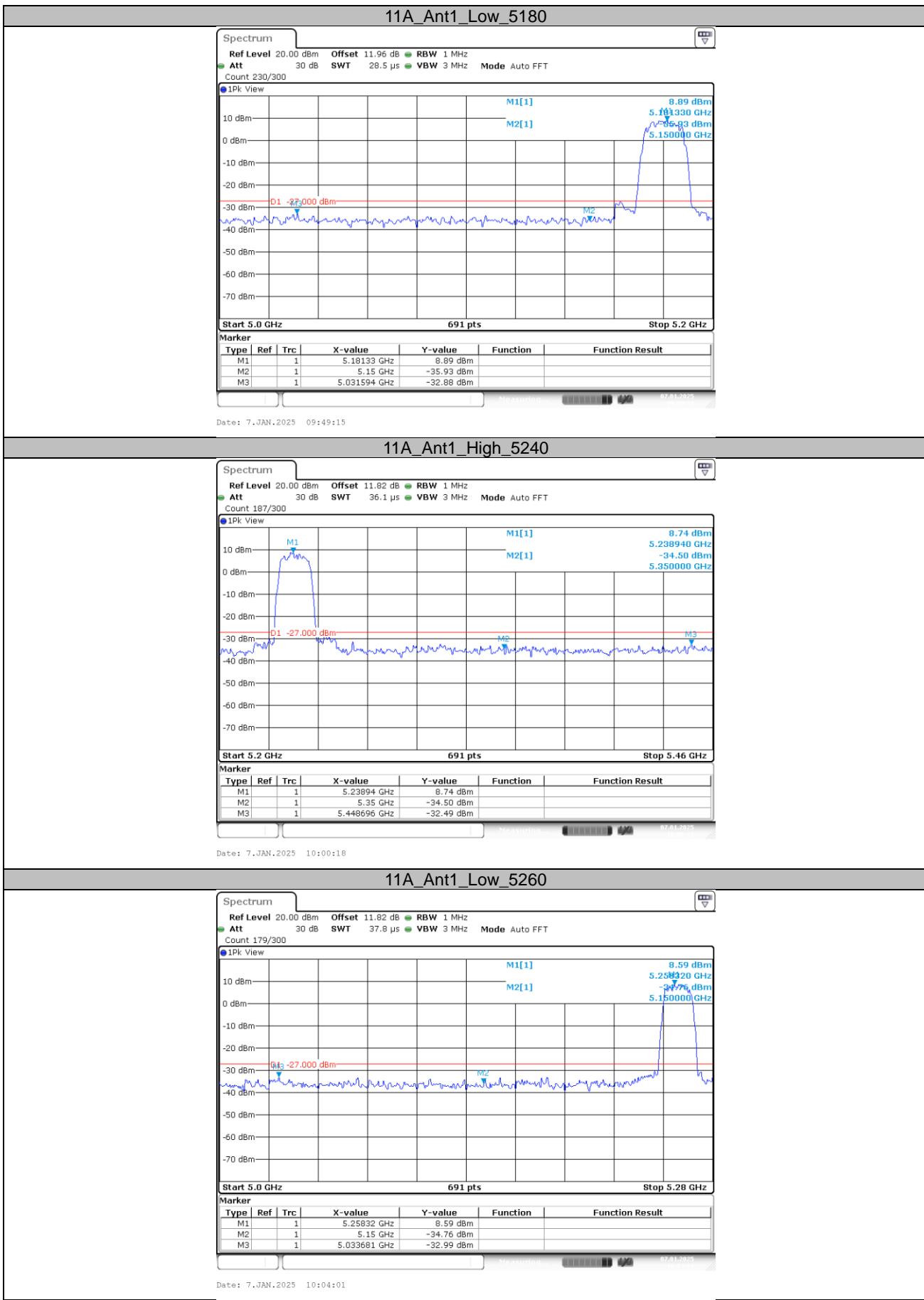
Test Result B1/2/3

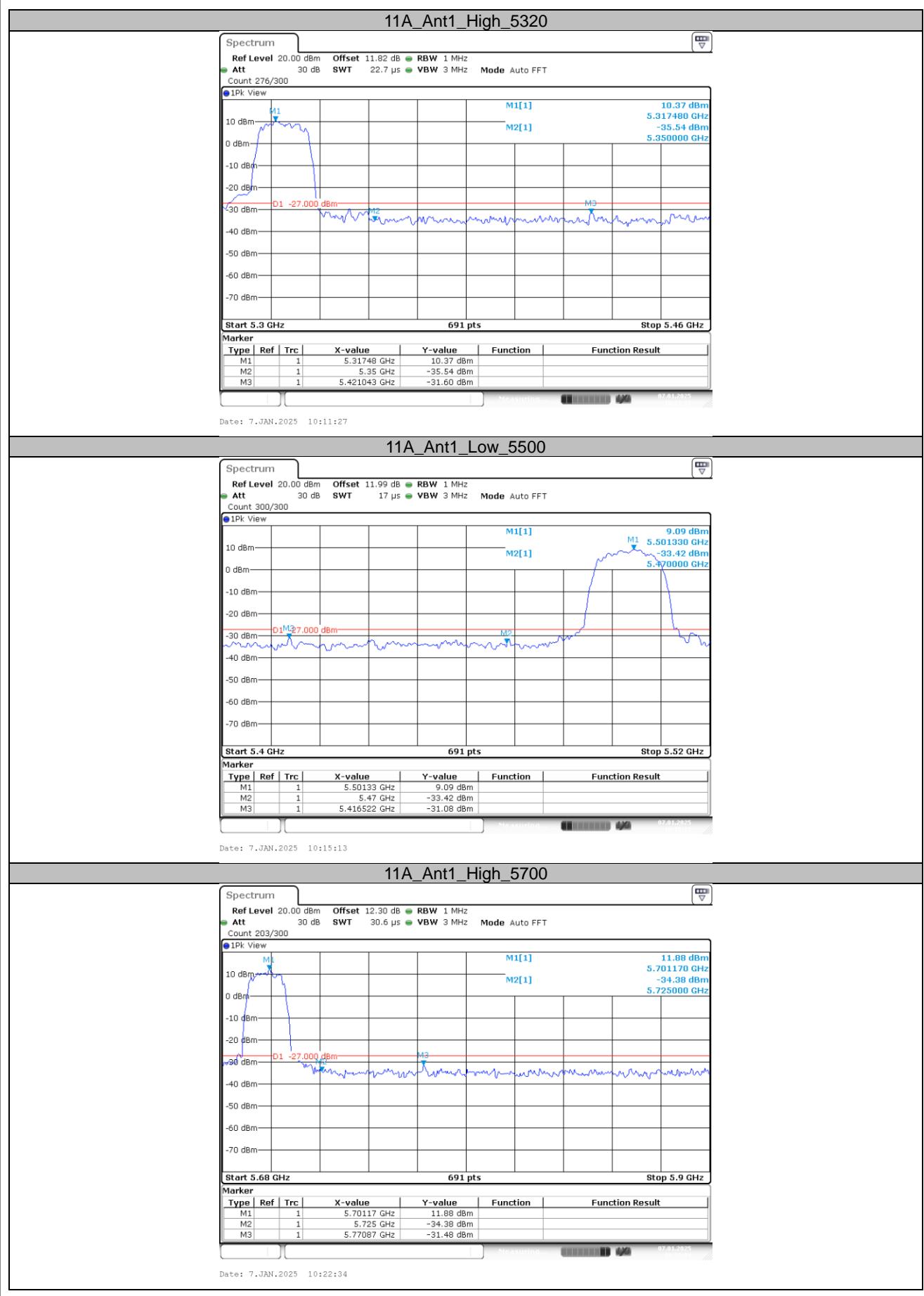
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-32.88	≤-27	PASS
		High	5240	-32.49	≤-27	PASS
		Low	5260	-32.99	≤-27	PASS
		High	5320	-31.6	≤-27	PASS
		Low	5500	-31.08	≤-27	PASS
		High	5700	-31.48	≤-27	PASS
11N20	Ant1	Low	5180	-32.63	≤-27	PASS
		High	5240	-32.64	≤-27	PASS
		Low	5260	-32.26	≤-27	PASS
		High	5320	-32.16	≤-27	PASS
		Low	5500	-31.81	≤-27	PASS
		High	5700	-32.69	≤-27	PASS
11N40	Ant1	Low	5190	-33.22	≤-27	PASS
		High	5230	-31.94	≤-27	PASS
		Low	5270	-34.68	≤-27	PASS
		High	5310	-32.48	≤-27	PASS
		Low	5510	-32.09	≤-27	PASS
		High	5670	-32.2	≤-27	PASS
11AC20	Ant1	Low	5180	-33.12	≤-27	PASS
		High	5240	-31.44	≤-27	PASS
		Low	5260	-32.48	≤-27	PASS
		High	5320	-32.17	≤-27	PASS
		Low	5500	-31.4	≤-27	PASS
		High	5700	-31.79	≤-27	PASS
11AC40	Ant1	Low	5190	-32.99	≤-27	PASS
		High	5230	-31.7	≤-27	PASS
		Low	5270	-33.32	≤-27	PASS
		High	5310	-31.14	≤-27	PASS
		Low	5510	-31.14	≤-27	PASS
		High	5670	-32.1	≤-27	PASS
11AC80	Ant1	High	5210	-31.55	≤-27	PASS
		Low	5290	-33.89	≤-27	PASS

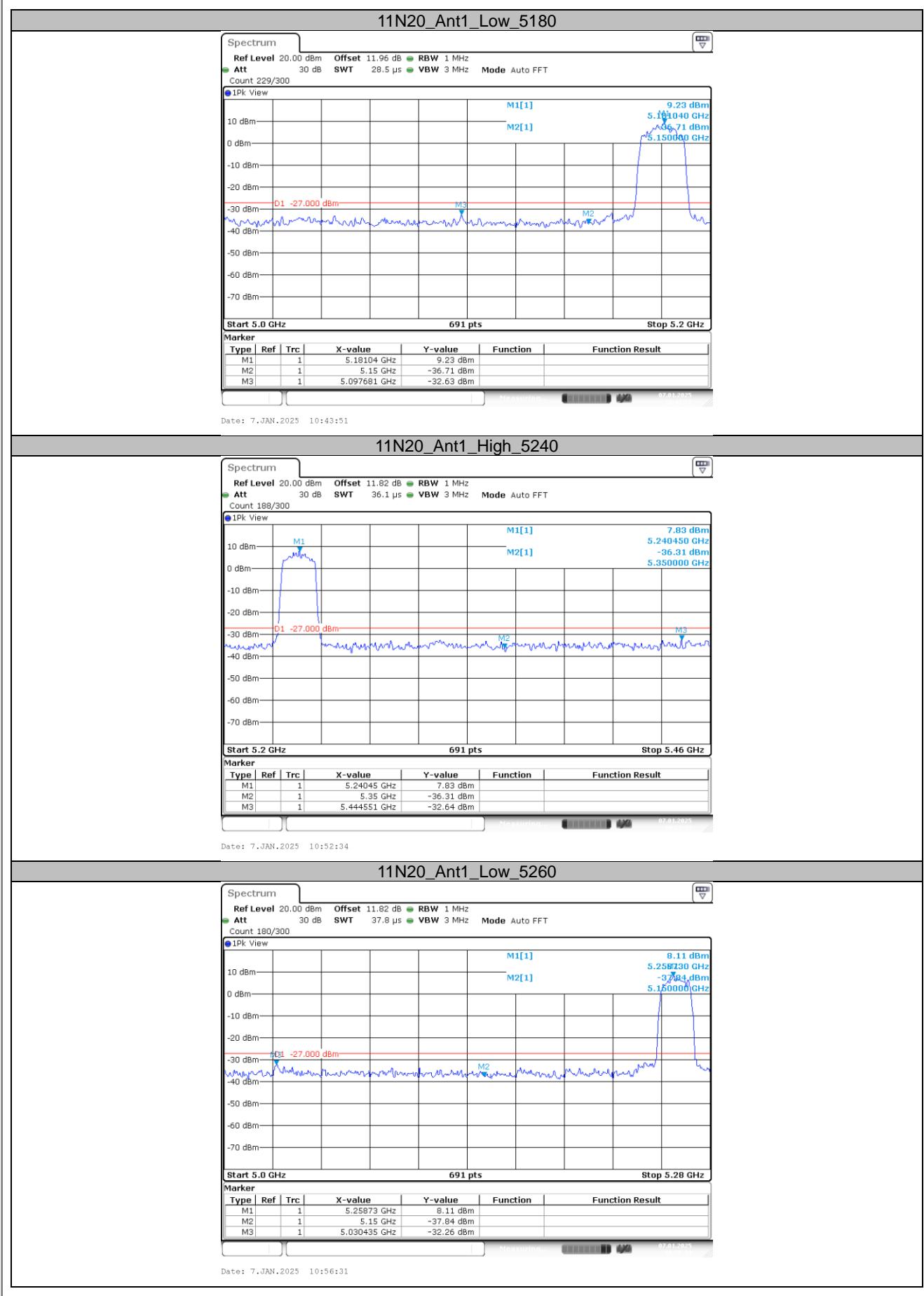
Test Result B4

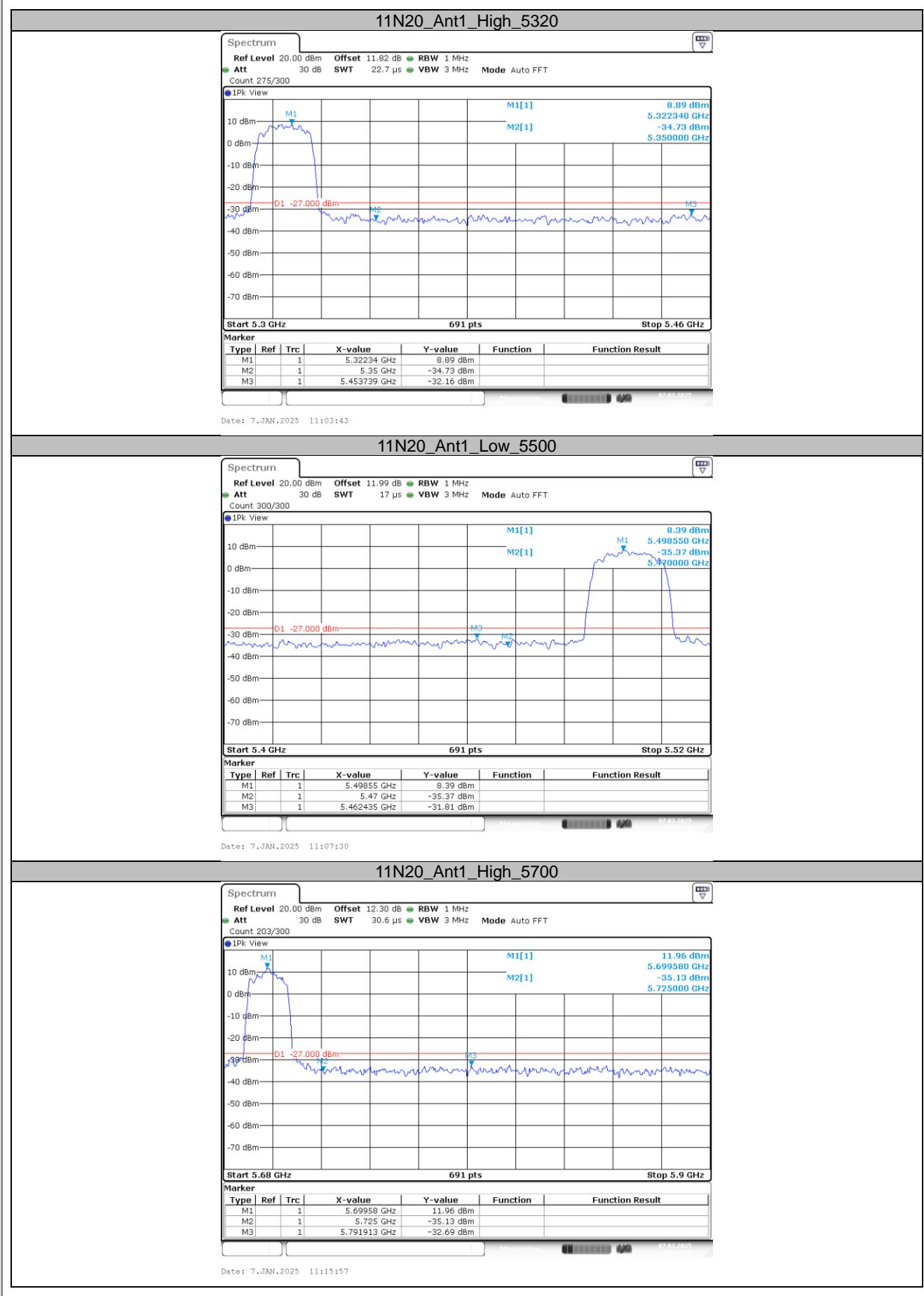
TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-35.43	\leq -26.88	PASS
				5700~5720	-33.63	\leq 10.70	PASS
				5720~5725	-33.51	\leq 15.98	PASS
				5760~5650	-34.63	\leq -27	PASS
		High	5825	5850~5855	-33.01	\leq 15.65	PASS
				5855~5875	-32.51	\leq 10.95	PASS
				5875~5925	-32.77	\leq -25.42	PASS
				5925~5935	-33.62	\leq -27	PASS
11N20	Ant1	Low	5745	5650~5700	-34.61	\leq -26.88	PASS
				5700~5720	-33.76	\leq 10.33	PASS
				5720~5725	-34.33	\leq 15.98	PASS
				5760~5650	-34.13	\leq -27	PASS
		High	5825	5850~5855	-34.91	\leq 15.65	PASS
				5855~5875	-33.11	\leq 10.46	PASS
				5875~5925	-34.1	\leq -26.15	PASS
				5925~5935	-32.69	\leq -27	PASS
11N40	Ant1	Low	5755	5650~5700	-35.4	\leq -26.50	PASS
				5700~5720	-31.01	\leq 10.05	PASS
				5720~5725	-31.76	\leq 16.34	PASS
				5780~5650	-33.58	\leq -27	PASS
		High	5795	5850~5855	-34.07	\leq 15.85	PASS
				5855~5875	-31.55	\leq 11.21	PASS
				5875~5925	-35.06	\leq -26.61	PASS
				5925~5935	-33.37	\leq -27	PASS
11AC20	Ant1	Low	5745	5650~5700	-35.16	\leq -26.88	PASS
				5700~5720	-33.37	\leq 10.23	PASS
				5720~5725	-35.49	\leq 15.98	PASS
				5760~5650	-34.41	\leq -27	PASS
		High	5825	5850~5855	-34.5	\leq 15.65	PASS
				5855~5875	-32.75	\leq 11.22	PASS
				5875~5925	-35.13	\leq -26.87	PASS
				5925~5935	-33.29	\leq -27	PASS
11AC40	Ant1	Low	5755	5650~5700	-34.68	\leq -26.21	PASS
				5700~5720	-33.22	\leq 10.05	PASS
				5720~5725	-31.47	\leq 15.90	PASS
				5780~5650	-34.57	\leq -27	PASS
		High	5795	5850~5855	-33.24	\leq 16.39	PASS
				5855~5875	-33.19	\leq 10.54	PASS
				5875~5925	-35.15	\leq -26.97	PASS
				5925~5935	-34.11	\leq -27	PASS
11AC80	Ant1	Low	5775	5650~5700	-35.1	\leq -26.54	PASS
				5700~5720	-31.7	\leq 10.83	PASS
				5720~5725	-28.57	\leq 15.67	PASS
				5800~5650	-34.22	\leq -27	PASS
		High	5775	5850~5855	-33.49	\leq 15.98	PASS
				5855~5875	-32.95	\leq 10.02	PASS
				5875~5925	-32.57	\leq -26.46	PASS
				5925~5935	-33.72	\leq -27	PASS

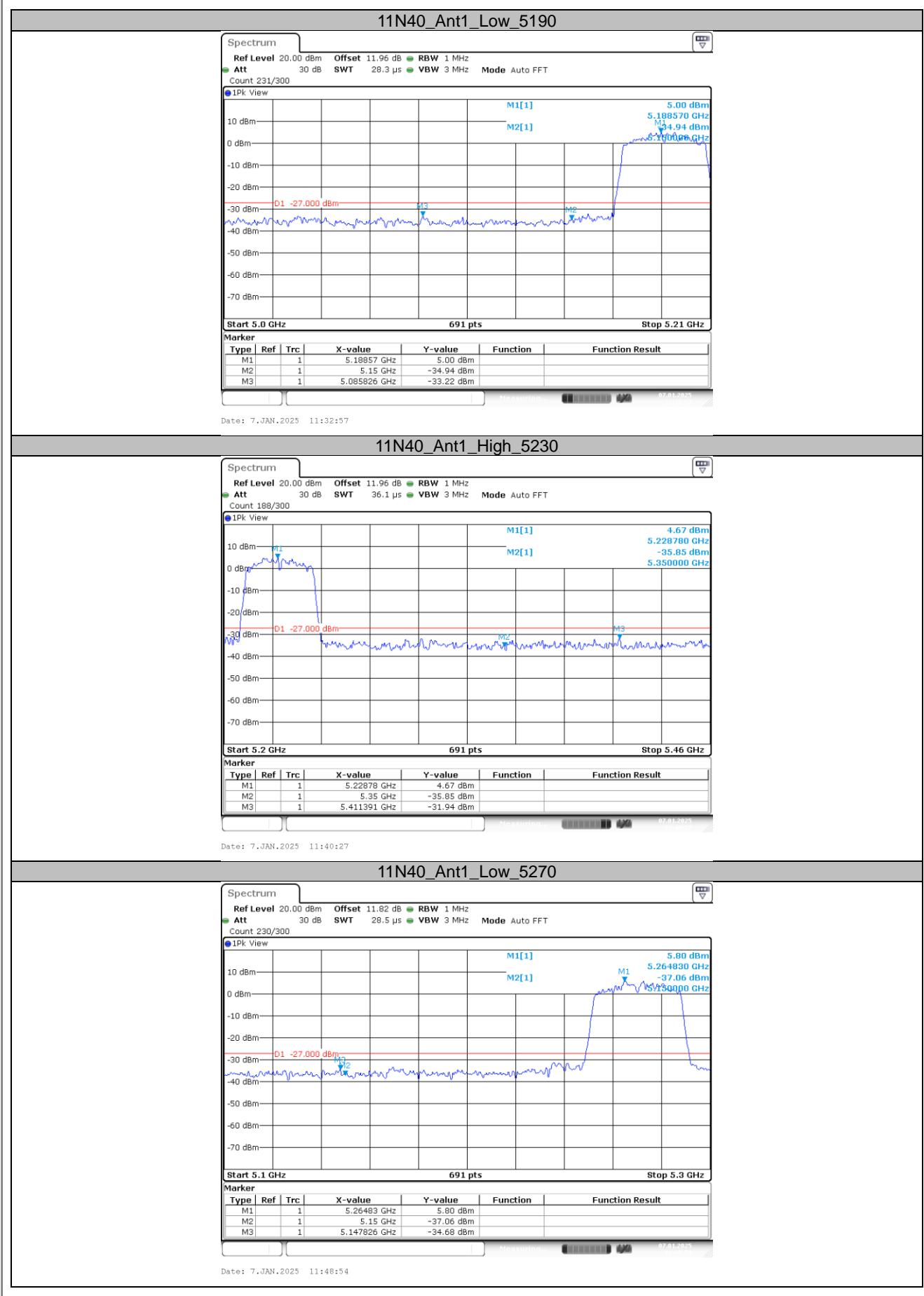
Test Graphs B1/2/3

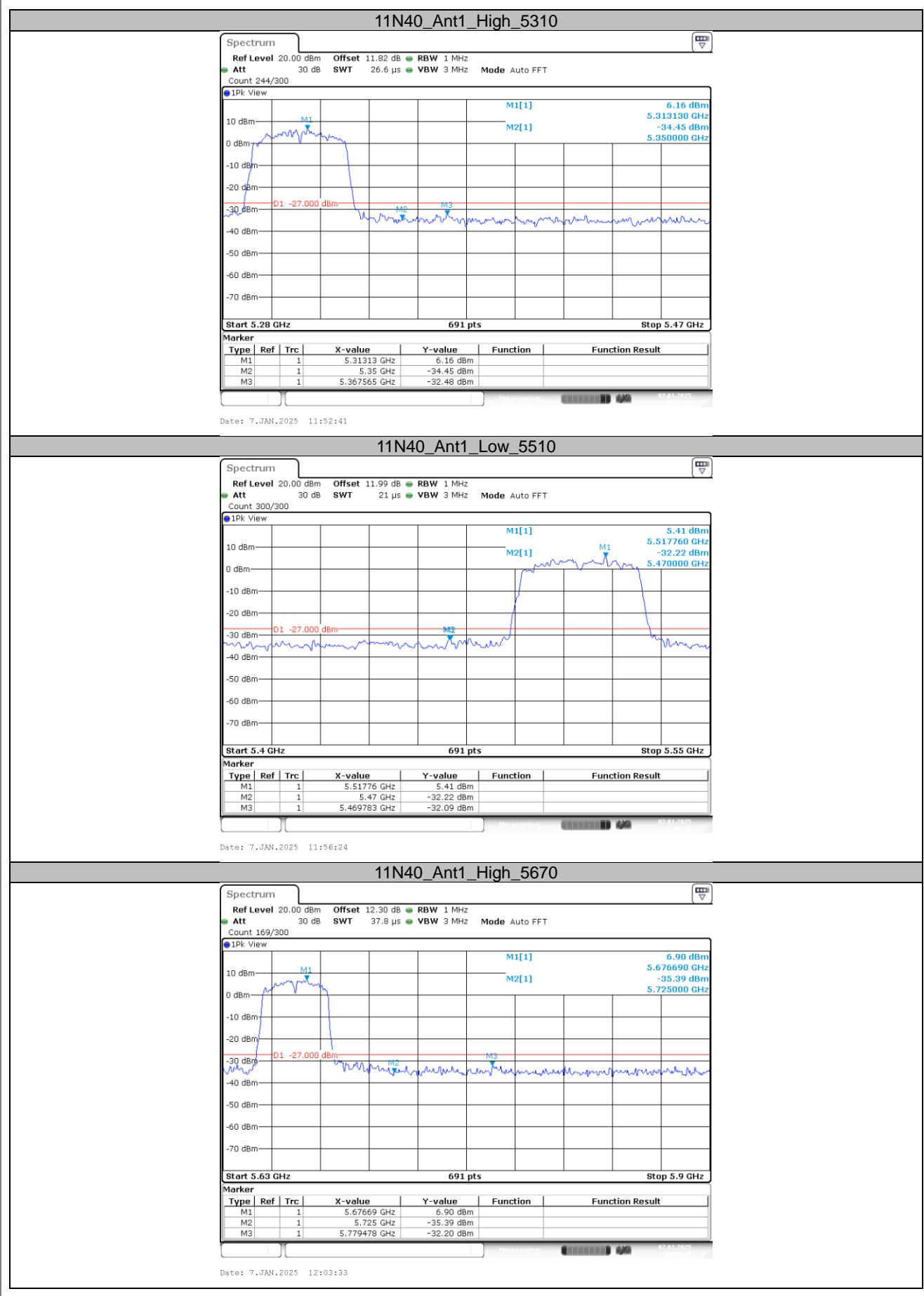


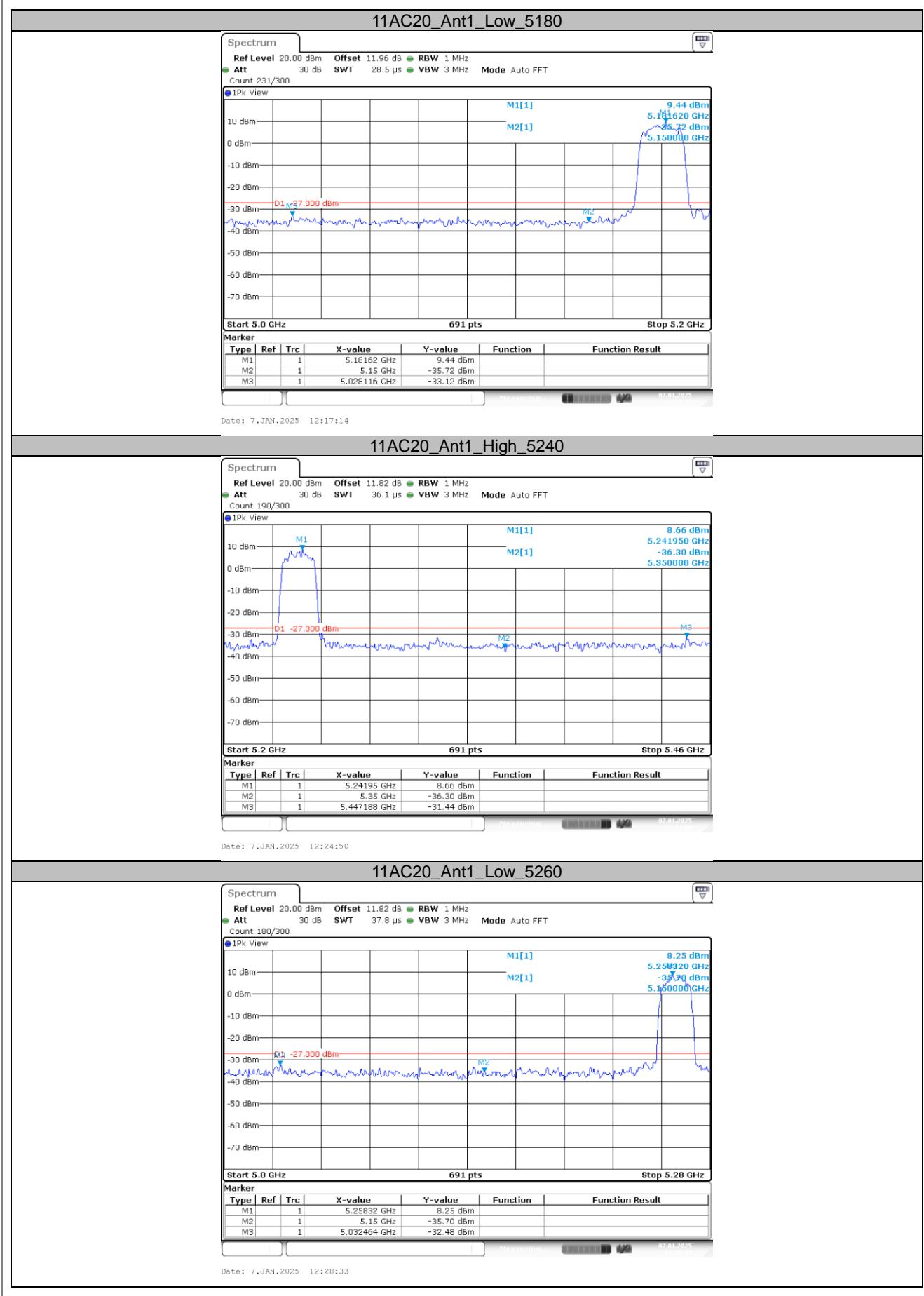




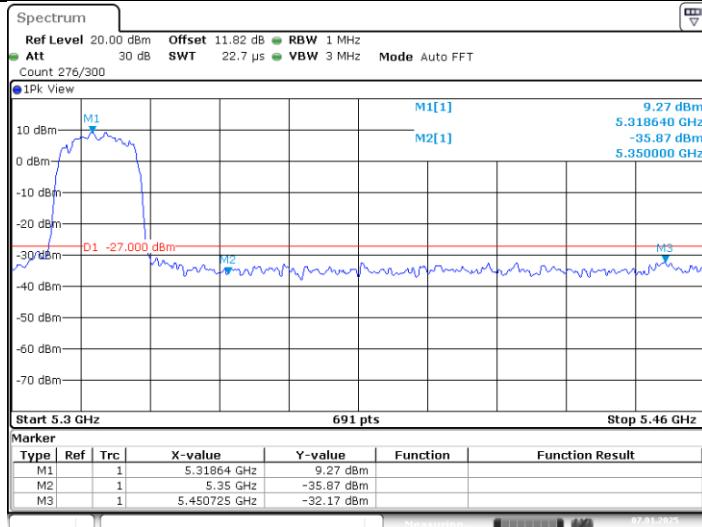




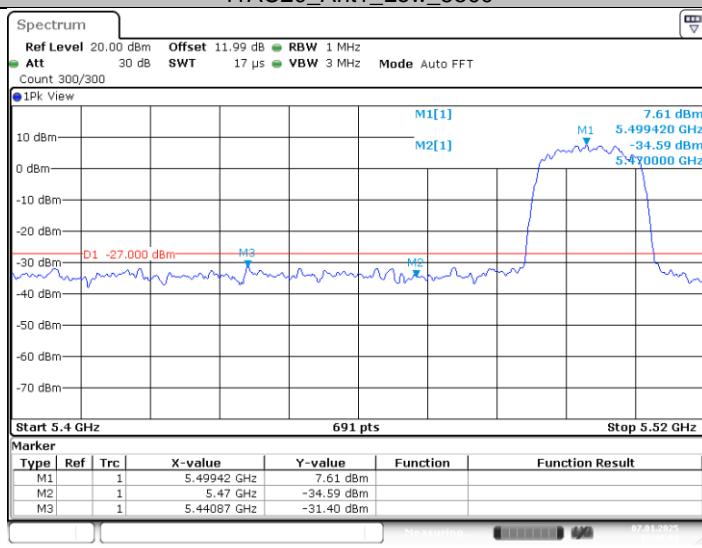




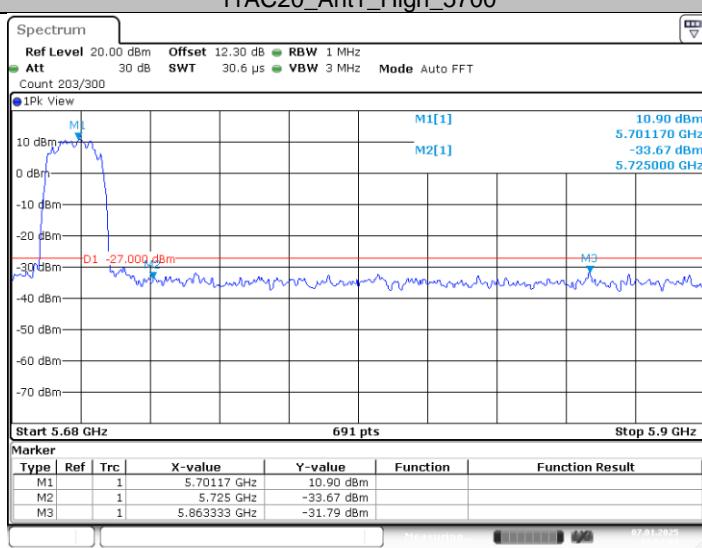
11AC20_Ant1_High_5320

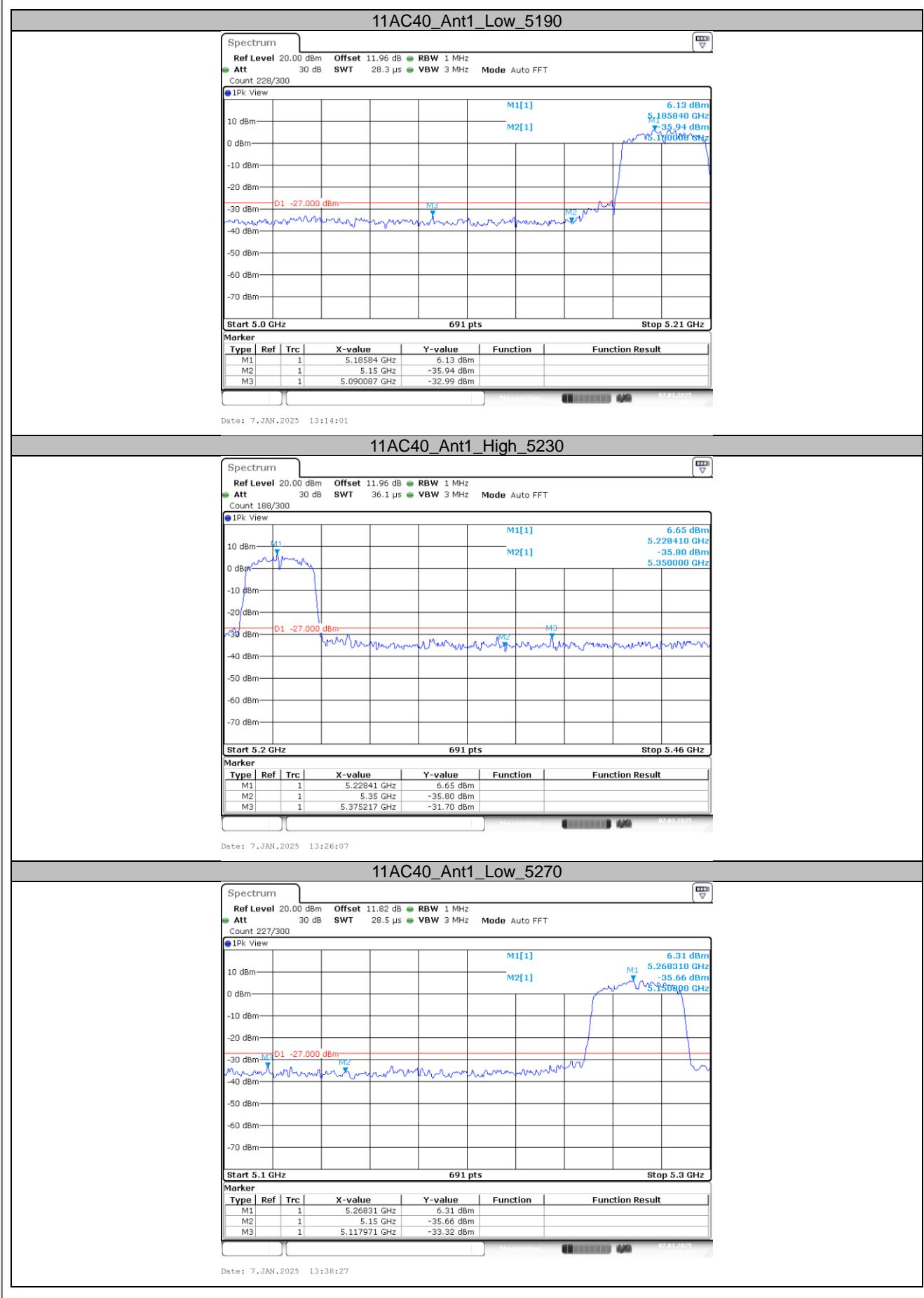


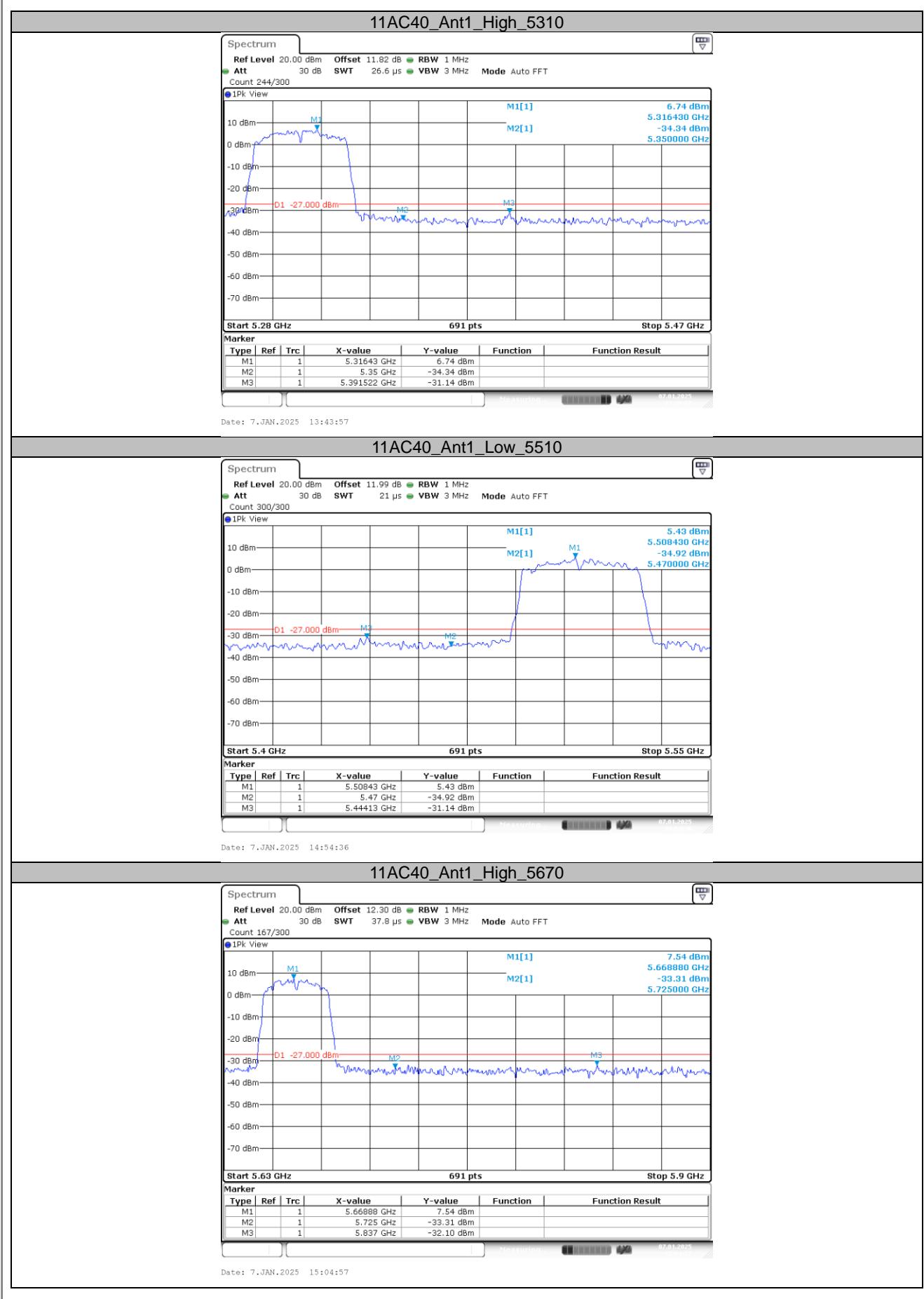
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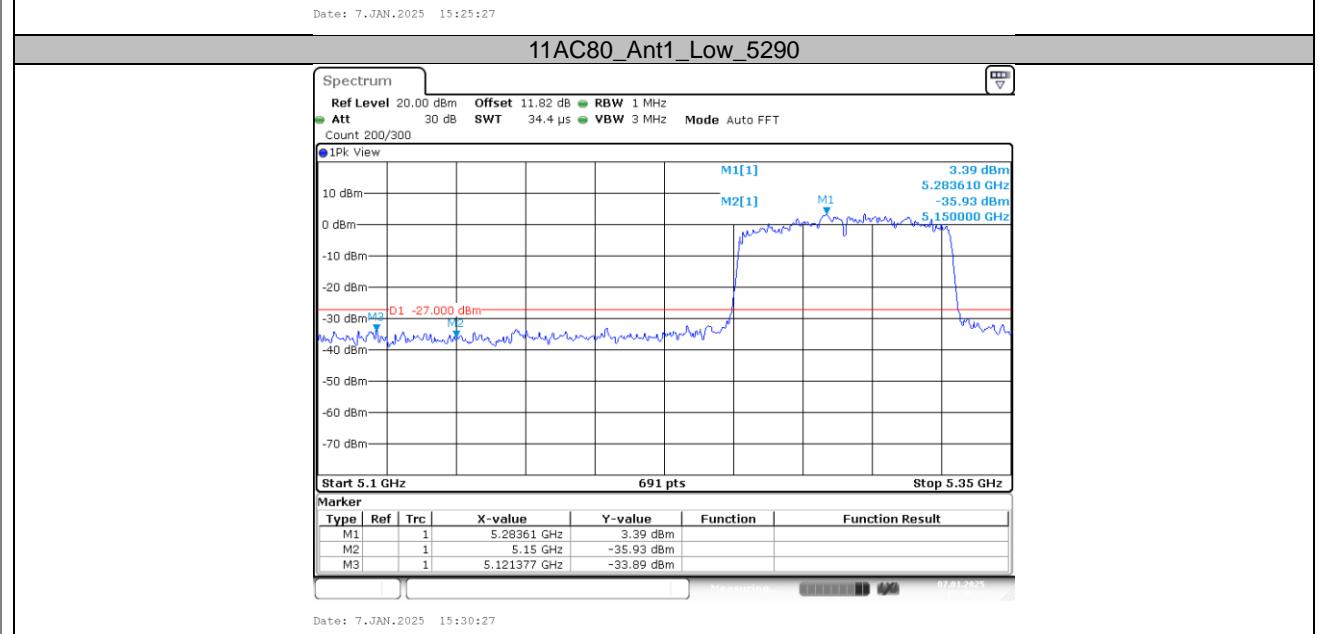
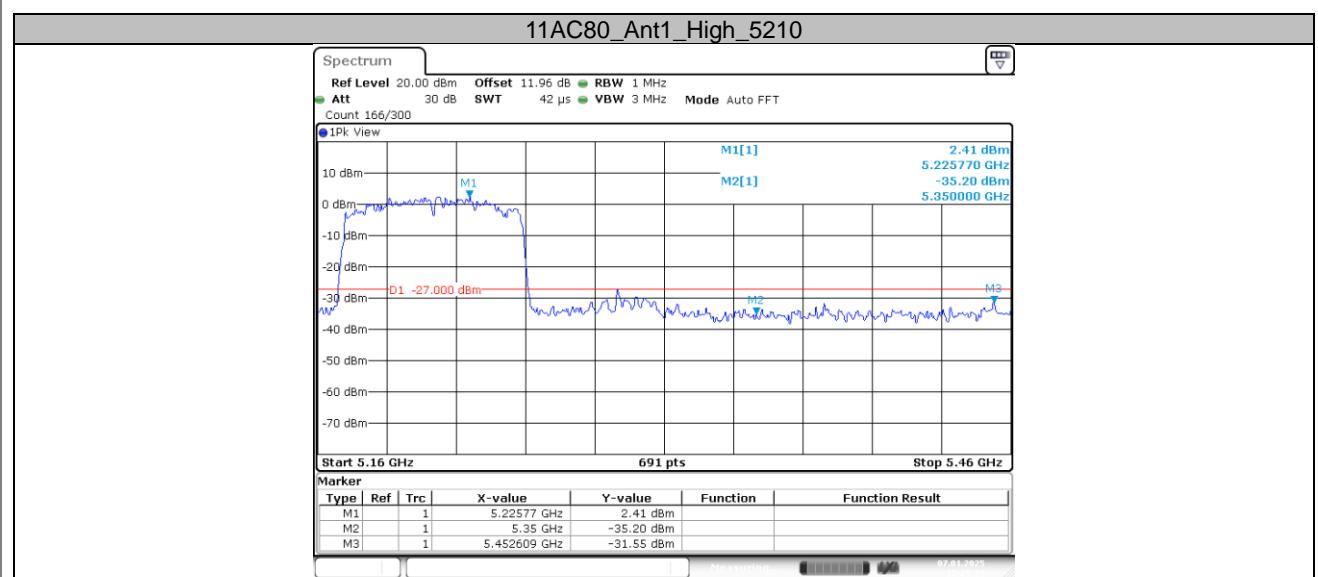


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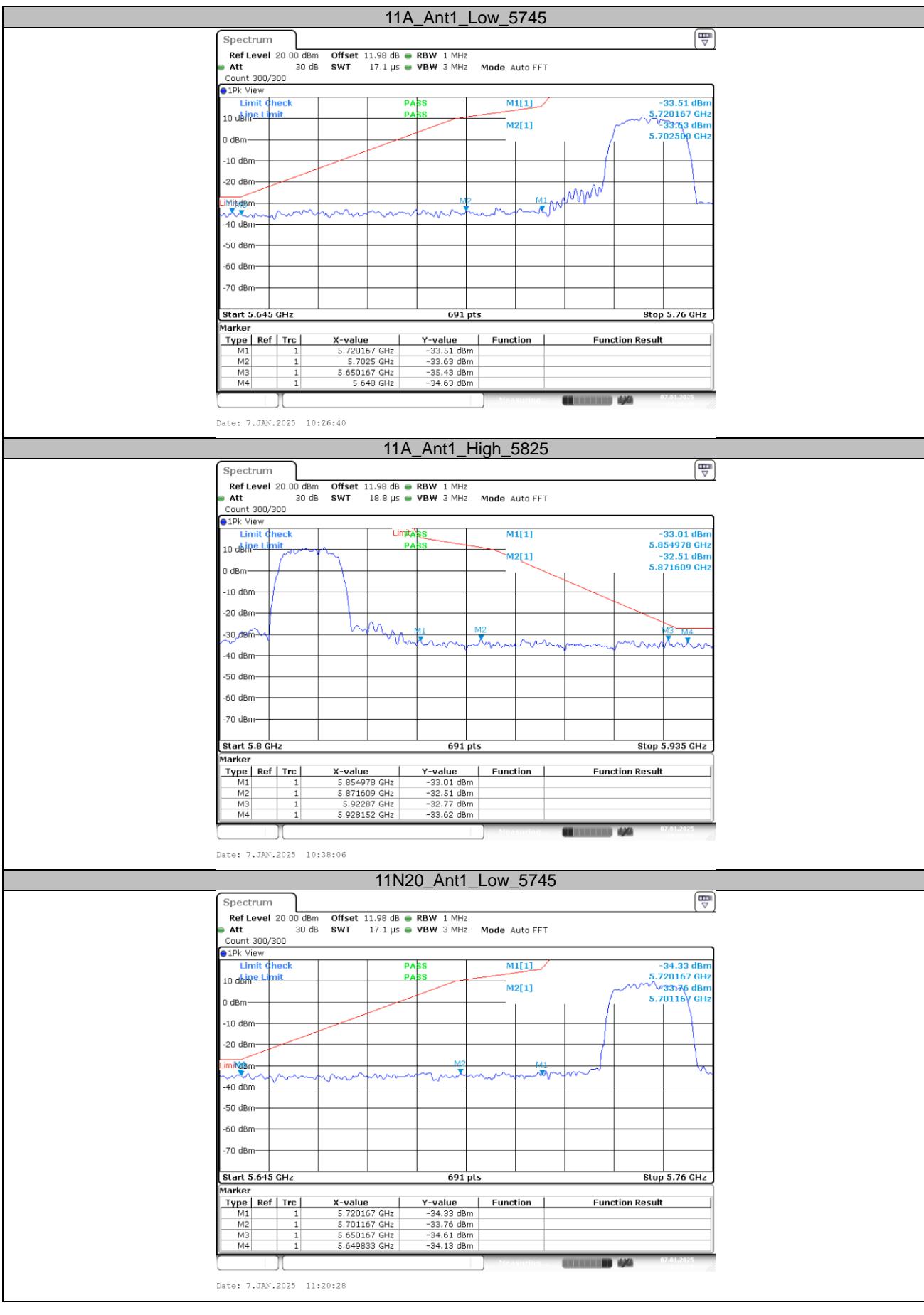


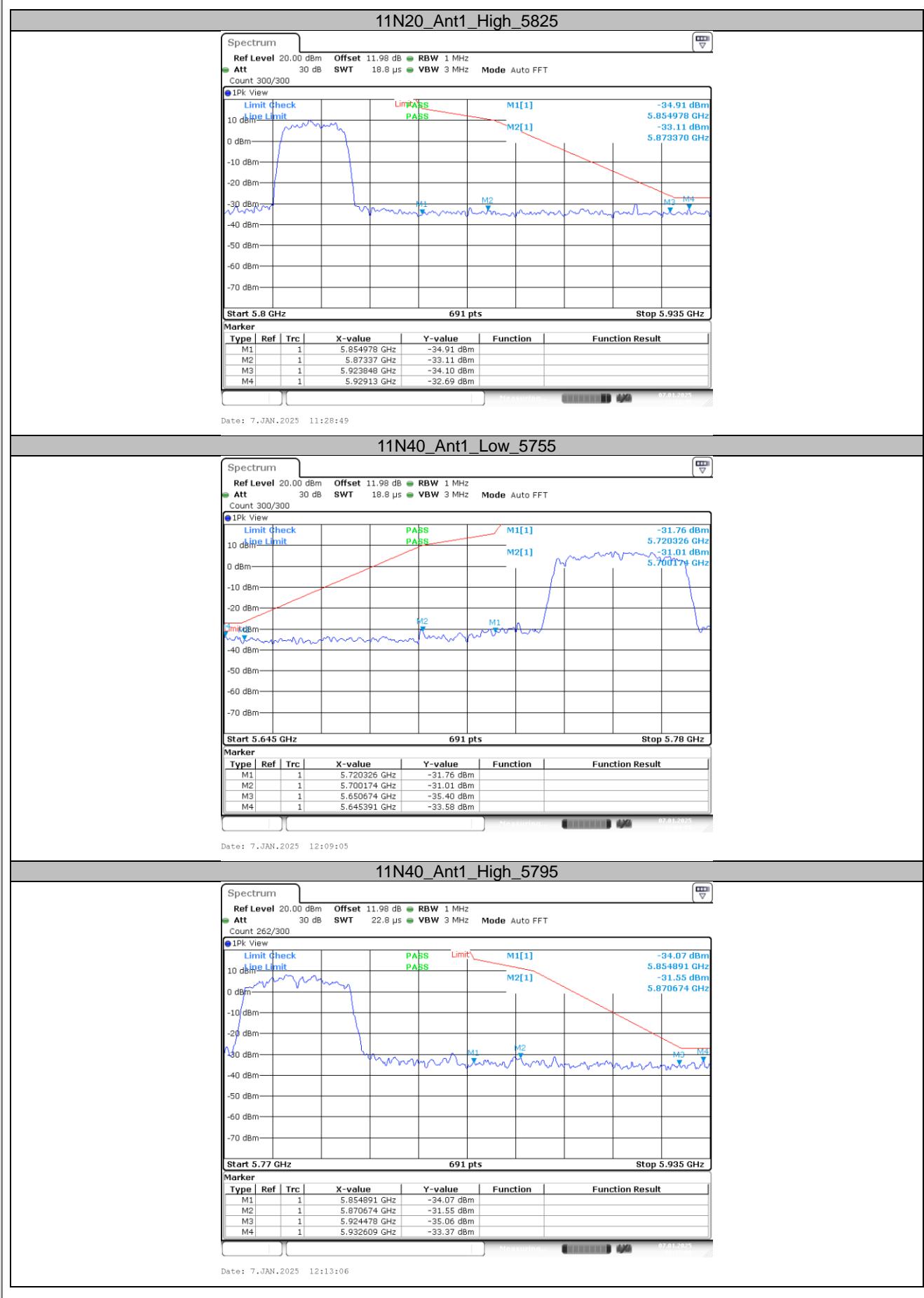


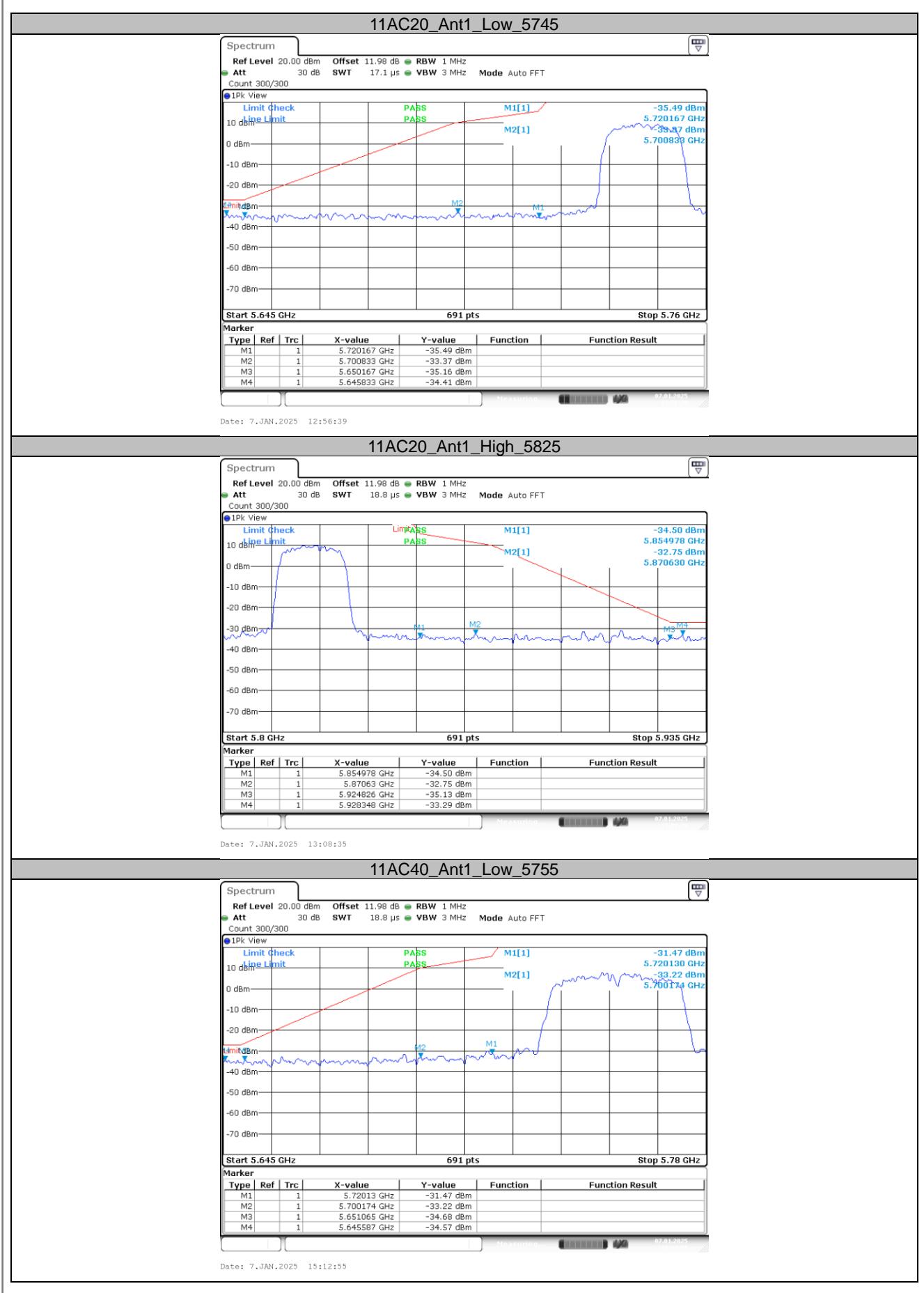




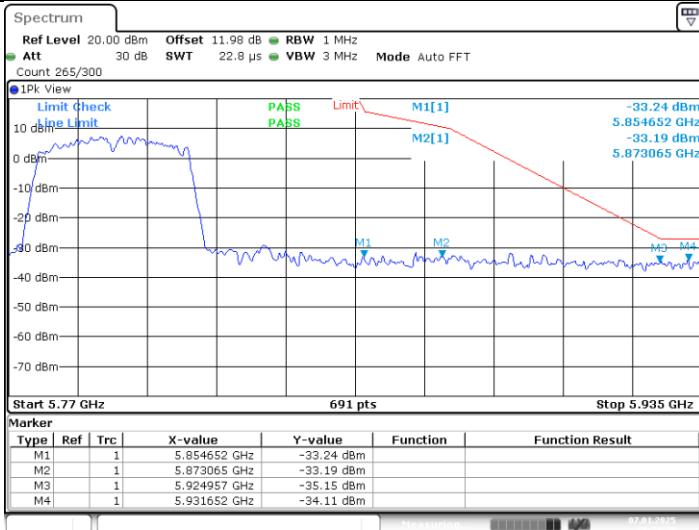
Test Graphs B4



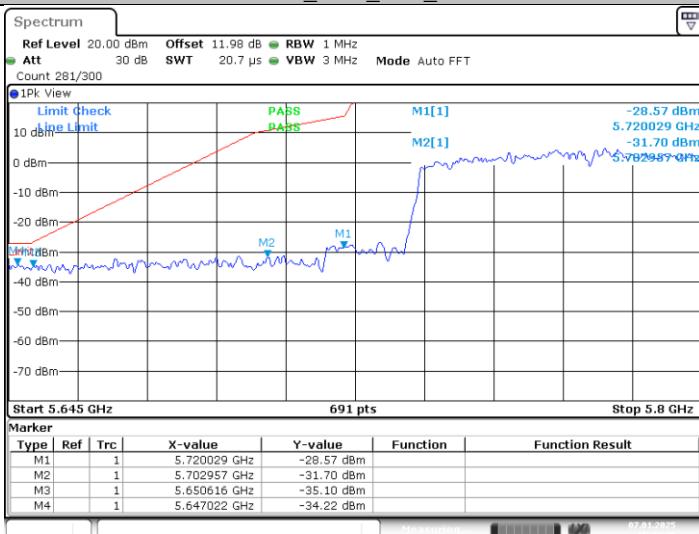




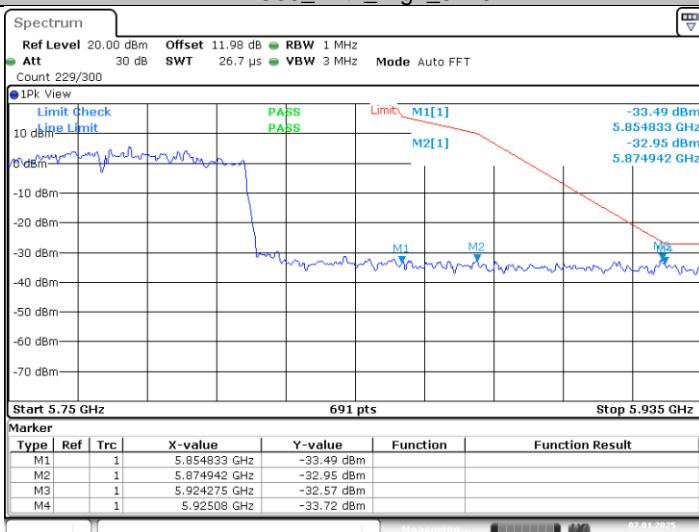
11AC40_Ant1_High_5795



11AC80_Ant1_Low_5775



11AC80_Ant1_High_5775



ABOVE 1000 MHz

Note: All the modes have been tested and recorded worst mode in the report.
UNII-1

TX A Channel 36 / 5180 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10651	H	43.48	---	9.03	52.51	---	74	54	-21.49
15523	H	39.63	---	9.87	49.50	---	74	54	-24.50
---	H	---	---	---	---	---	---	---	---
10355	V	44.92	---	9.03	53.95	---	74	54	-20.05
15542	V	39.31	---	9.88	49.19	---	74	54	-24.81
---	V	---	---	---	---	---	---	---	---

TX A Channel 40 / 5200 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10601	H	44.72	---	9.09	53.81	---	74	54	-20.19
15600	H	42.01	---	9.91	51.92	---	74	54	-22.08
---	H	---	---	---	---	---	---	---	---
10601	V	44.05	---	9.09	53.14	---	74	54	-20.86
15600	V	41.85	---	9.91	51.76	---	74	54	-22.24
---	V	---	---	---	---	---	---	---	---

TX A Channel 48 / 5240 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10680	H	44.01	---	9.24	53.25	---	74	54	-20.75
15722	H	42.63	---	10.01	52.64	---	74	54	-21.36
---	H	---	---	---	---	---	---	---	---
10680	V	44.02	---	9.24	53.26	---	74	54	-20.74
15722	V	42.74	---	10.01	52.75	---	74	54	-21.25
---	V	---	---	---	---	---	---	---	---

UNII-2A

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10621	H	44.38	---	9.44	53.82	---	74	54	-20.18
15781	H	43.02	---	10.12	53.14	---	74	54	-20.86
---	H	---	---	---	---	---	---	---	---
10623	V	43.90	---	9.46	53.36	---	74	54	-20.64
15782	V	43.54	---	10.13	53.67	---	74	54	-20.33
---	V	---	---	---	---	---	---	---	---

TX A Channel 56 / 5280 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10661	H	43.53	---	9.51	53.04	---	74	54	-20.96
15842	H	43.11	---	10.51	53.62	---	74	54	-20.38
---	H	---	---	---	---	---	---	---	---
10661	V	43.74	---	9.51	53.25	---	74	54	-20.75
15841	V	43.36	---	10.49	53.85	---	74	54	-20.15
---	V	---	---	---	---	---	---	---	---

TX A Channel 64 / 5320 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10641	H	42.68	---	9.63	52.31	---	74	54	-21.69
15961	H	42.02	---	11.25	53.27	---	74	54	-20.73
---	H	---	---	---	---	---	---	---	---
10642	V	43.05	---	9.63	52.68	---	74	54	-21.32
15959	V	42.28	---	11.23	53.51	---	74	54	-20.49
---	V	---	---	---	---	---	---	---	---

UNII-2C

TX A Channel 100 / 5500 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10651	H	44.15	---	9.15	53.30	---	74	54	-20.70
15799	H	42.71	---	10.25	52.96	---	74	54	-21.04
---	H	---	---	---	---	---	---	---	---

10758	V	43.10	---	9.99	53.09	---	74	54	-20.91
15836	V	42.03	---	10.95	52.98	---	74	54	-21.02
---	V	---	---	---	---	---	---	---	---

TX A Channel 116 / 5580 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10793	H	41.35	---	10.01	51.36	---	74	54	-22.64
15902	H	41.41	---	10.79	52.20	---	74	54	-21.80
---	H	---	---	---	---	---	---	---	---

10963	V	43.93	---	10.05	53.98	---	74	54	-20.02
15991	V	40.41	---	11.93	52.34	---	74	54	-21.66
---	V	---	---	---	---	---	---	---	---

TX A Channel 140 / 5700 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10789	H	43.96	---	10.00	53.96	---	74	54	-20.04
16199	H	40.78	---	12.04	52.82	---	74	54	-21.18
---	H	---	---	---	---	---	---	---	---
10853	V	42.80	---	10.12	52.92	---	74	54	-21.08
16014	V	42.00	---	11.32	53.32	---	74	54	-20.68
---	V	---	---	---	---	---	---	---	---

UNII-3

TX A Channel 149 / 5745 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11491	H	43.35	---	9.81	53.16	---	74	54	-20.84
17736	H	40.72	---	12.96	53.68	---	74	54	-20.32
---	H	---	---	---	---	---	---	---	---
11493	V	42.73	---	9.81	52.54	---	74	54	-21.46
17735	V	40.40	---	12.95	53.35	---	74	54	-20.65
---	V	---	---	---	---	---	---	---	---

TX A Channel 153 / 5765 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11531	H	43.30	---	9.91	53.21	---	74	54	-20.79
17796	H	39.49	---	13.21	52.70	---	74	54	-21.30
---	H	---	---	---	---	---	---	---	---
11532	V	43.80	---	9.92	53.72	---	74	54	-20.28
17797	V	40.46	---	13.22	53.68	---	74	54	-20.32
---	V	---	---	---	---	---	---	---	---

TX A Channel 165/ 5825 MHz

Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11651	H	43.75	---	10.01	53.76	---	74	54	-20.24
17878	H	39.07	---	14.01	53.08	---	74	54	-20.92
---	H	---	---	---	---	---	---	---	---
11649	V	42.85	---	9.98	52.83	---	74	54	-21.17
17777	V	39.51	---	13.99	53.50	---	74	54	-20.50
---	V	---	---	---	---	---	---	---	---

Notes:

1). Radiated emissions measured in frequency range from 9 KHz~10th harmonic or 40GHz (which is less) were made with an instrument using Peak detector mode.

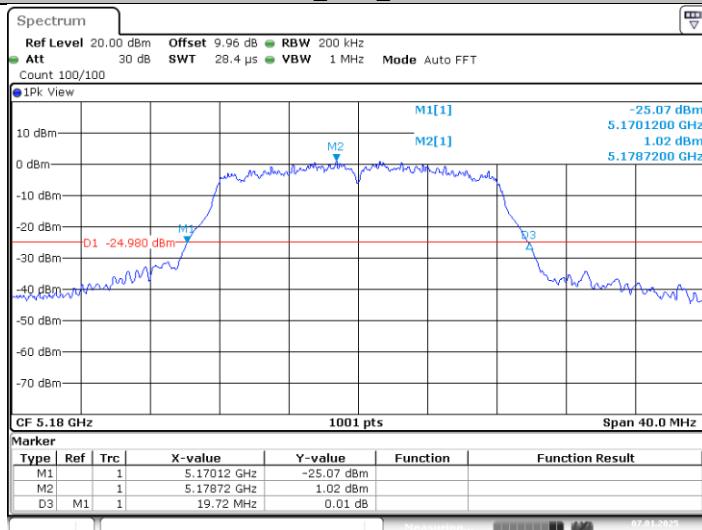
2). Data of measurement within this frequency range shown “---” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

3). Measured Level = Reading Level + Factor, Margin = Measured Level – Limit

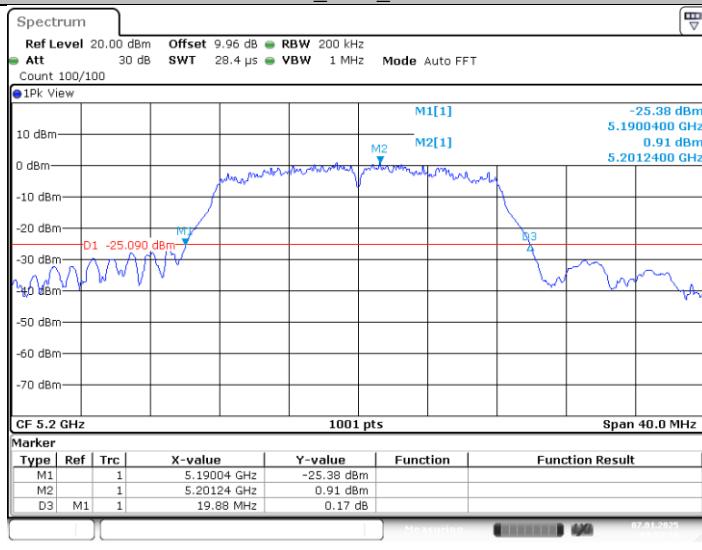
APPENDIX E - BANDWIDTH

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.72	5170.12	5189.84	---	---
		5200	19.88	5190.04	5209.92	---	---
		5240	19.84	5230.08	5249.92	---	---
		5260	19.76	5250.16	5269.92	---	---
		5300	19.96	5290.04	5310.00	---	---
		5320	19.92	5309.88	5329.80	---	---
		5500	19.96	5490.00	5509.96	---	---
		5600	19.76	5590.12	5609.88	---	---
		5700	19.64	5690.20	5709.84	---	---
		5745	19.76	5735.20	5754.96	---	---
		5785	19.88	5775.00	5794.88	---	---
		5825	20.00	5815.04	5835.04	---	---
11N20	Ant1	5180	19.80	5170.12	5189.92	---	---
		5200	19.92	5190.08	5210.00	---	---
		5240	19.96	5229.88	5249.84	---	---
		5260	20.04	5249.92	5269.96	---	---
		5300	20.00	5290.00	5310.00	---	---
		5320	19.80	5310.08	5329.88	---	---
		5500	20.04	5490.04	5510.08	---	---
		5600	20.04	5589.88	5609.92	---	---
		5700	19.80	5690.12	5709.92	---	---
		5745	19.92	5734.92	5754.84	---	---
		5785	20.00	5774.92	5794.92	---	---
		5825	19.88	5814.96	5834.84	---	---
11N40	Ant1	5190	40.88	5169.68	5210.56	---	---
		5230	40.48	5209.76	5250.24	---	---
		5270	39.84	5250.00	5289.84	---	---
		5310	40.08	5290.16	5330.24	---	---
		5510	41.04	5489.60	5530.64	---	---
		5590	39.84	5570.08	5609.92	---	---
		5670	40.64	5649.76	5690.40	---	---
		5755	40.48	5734.52	5775.00	---	---
		5795	40.16	5774.92	5815.08	---	---
		5180	19.80	5170.16	5189.96	---	---
		5200	20.12	5189.96	5210.08	---	---
		5240	20.12	5229.96	5250.08	---	---
11AC20	Ant1	5260	19.96	5250.08	5270.04	---	---
		5300	19.92	5290.12	5310.04	---	---
		5320	20.00	5309.96	5329.96	---	---
		5500	20.00	5490.04	5510.04	---	---
		5600	20.08	5589.92	5610.00	---	---
		5700	19.88	5690.16	5710.04	---	---
		5745	19.84	5735.16	5755.00	---	---
		5785	20.04	5775.00	5795.04	---	---
		5825	19.92	5815.00	5834.92	---	---
		5190	39.92	5170.40	5210.32	---	---
		5230	40.08	5209.92	5250.00	---	---
		5270	40.32	5250.00	5290.32	---	---
11AC40	Ant1	5310	40.40	5289.60	5330.00	---	---
		5510	40.72	5489.92	5530.64	---	---
		5590	39.92	5570.08	5610.00	---	---
		5670	39.92	5650.08	5690.00	---	---
		5755	40.32	5734.84	5775.16	---	---
		5795	40.24	5775.24	5815.48	---	---
		5210	80.64	5170.00	5250.64	---	---
		5290	80.80	5250.00	5330.80	---	---
		5530	80.80	5489.20	5570.00	---	---
		5610	80.80	5570.00	5650.80	---	---
		5775	80.80	5735.00	5815.80	---	---

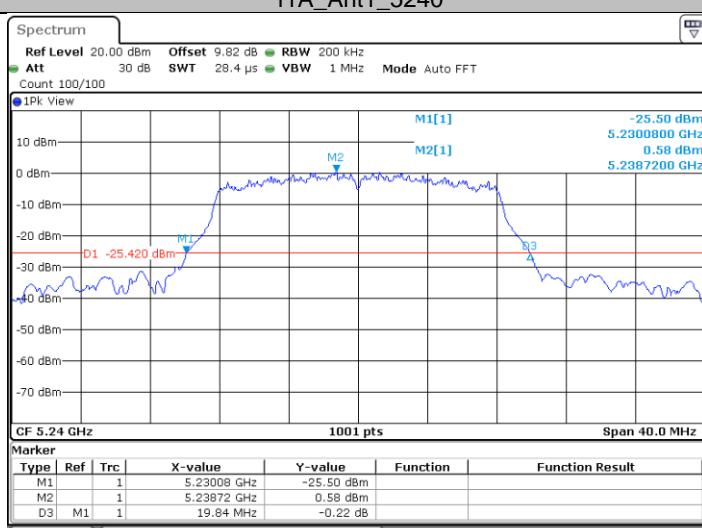
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5260

