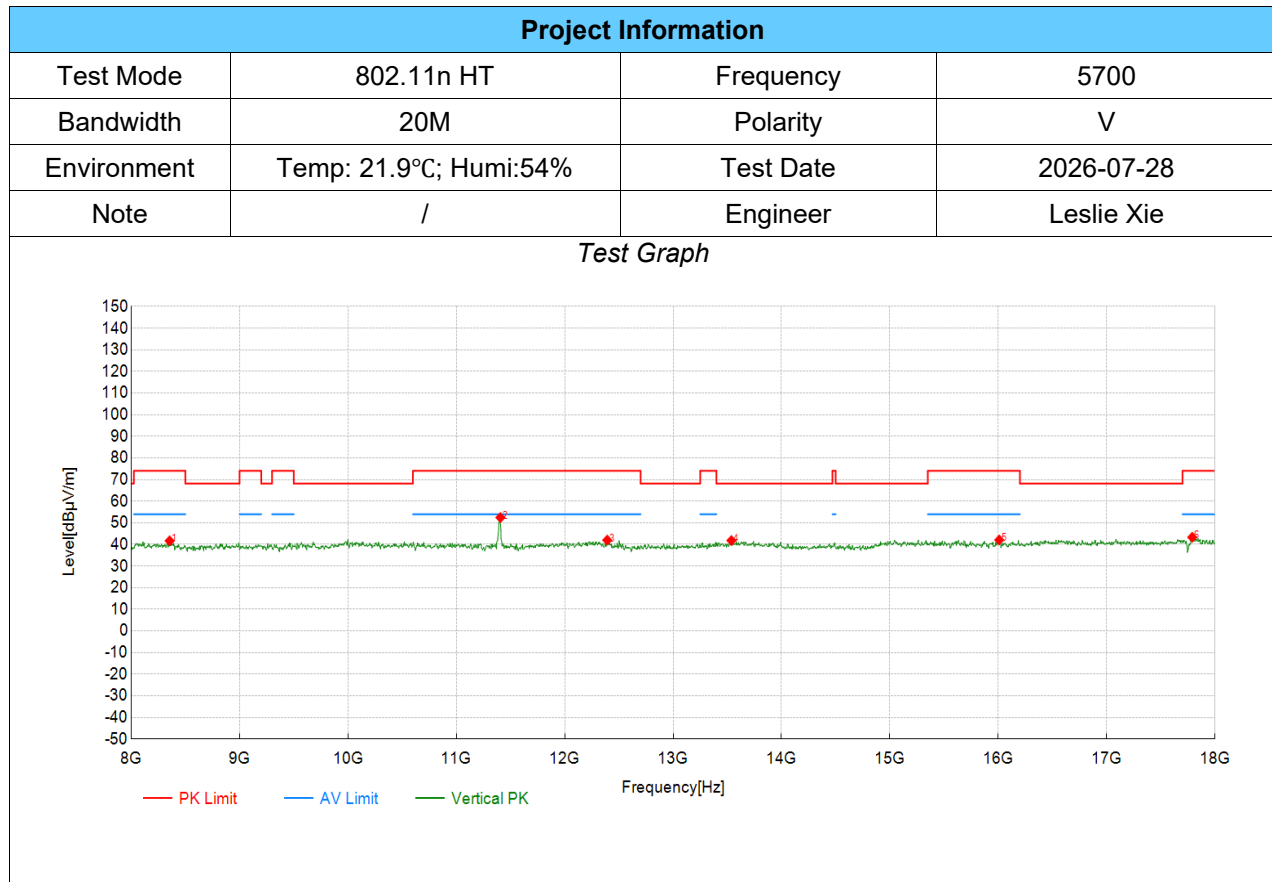


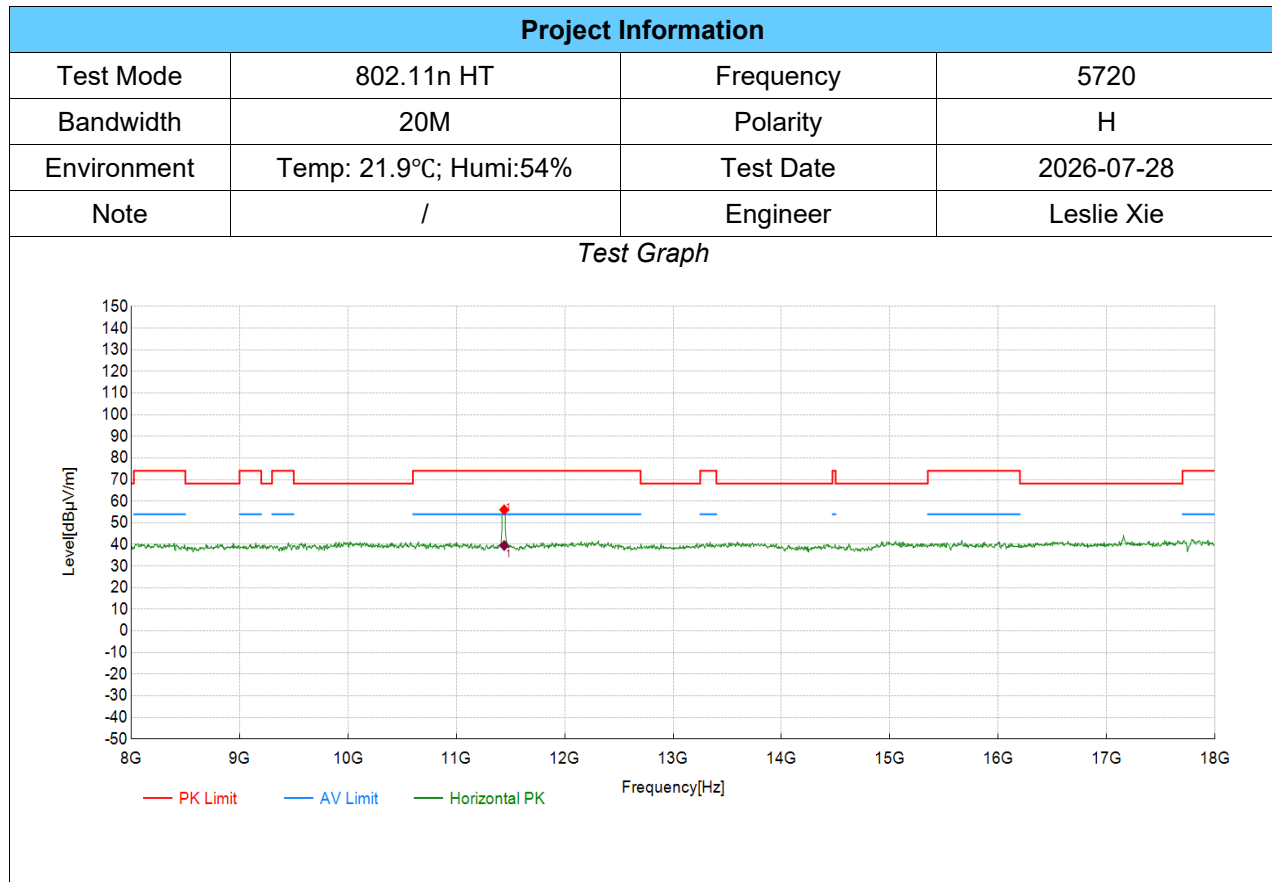
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8355.18	53.98	41.66	-12.32	74.00	32.34	PK	Vertical	PASS
2	11406.70	61.25	52.44	-8.81	74.00	21.56	PK	Vertical	PASS
3	12392.20	51.54	41.98	-9.56	74.00	32.02	PK	Vertical	PASS
4	13537.77	53.58	41.80	-11.78	68.20	26.40	PK	Vertical	PASS
5	16009.00	50.31	42.08	-8.23	74.00	31.92	PK	Vertical	PASS
6	17789.89	48.40	43.31	-5.09	74.00	30.69	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

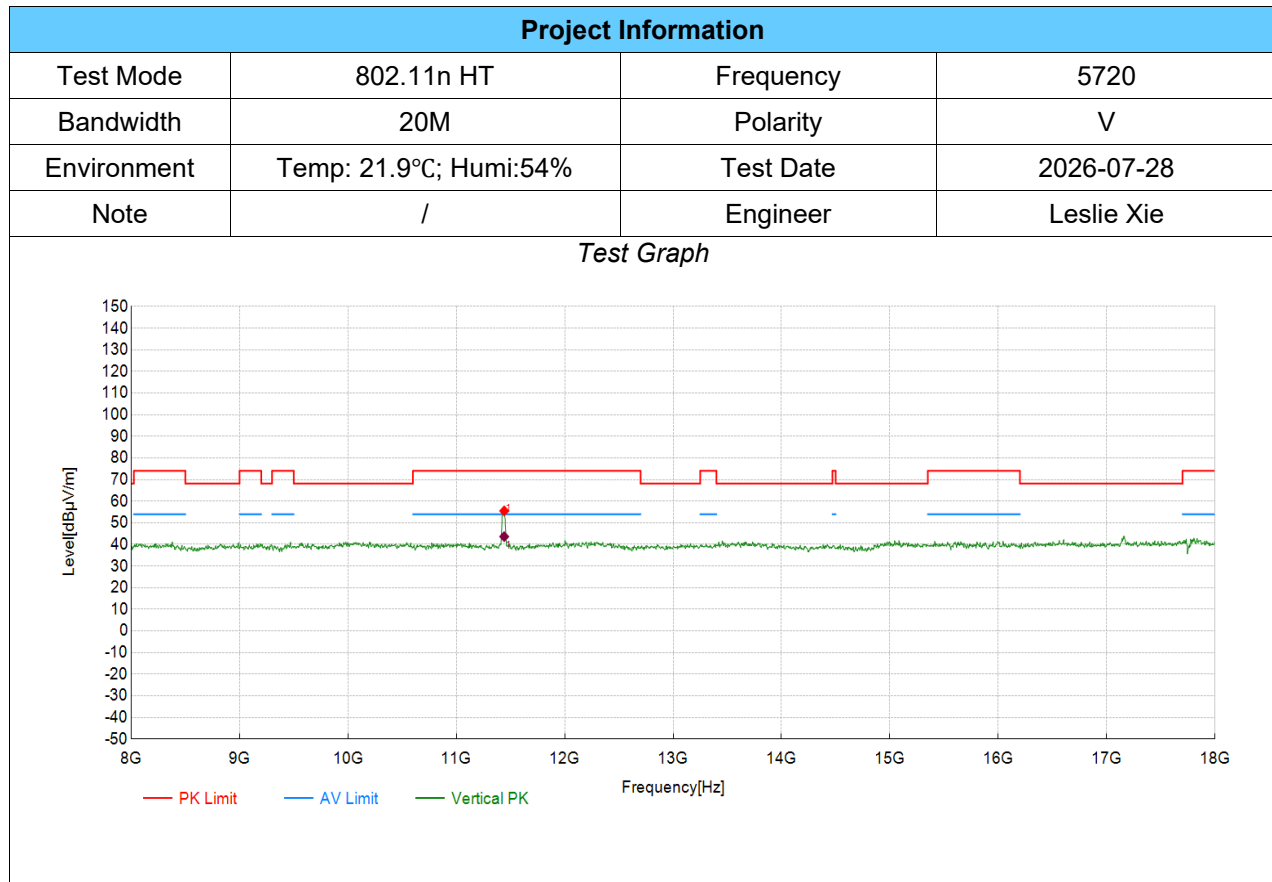


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	11441.72	65.00	56.01	-8.99	74.00	17.99	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Polarity	Verdict
1	11441.72	-8.99	48.49	39.50	54.00	14.50	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

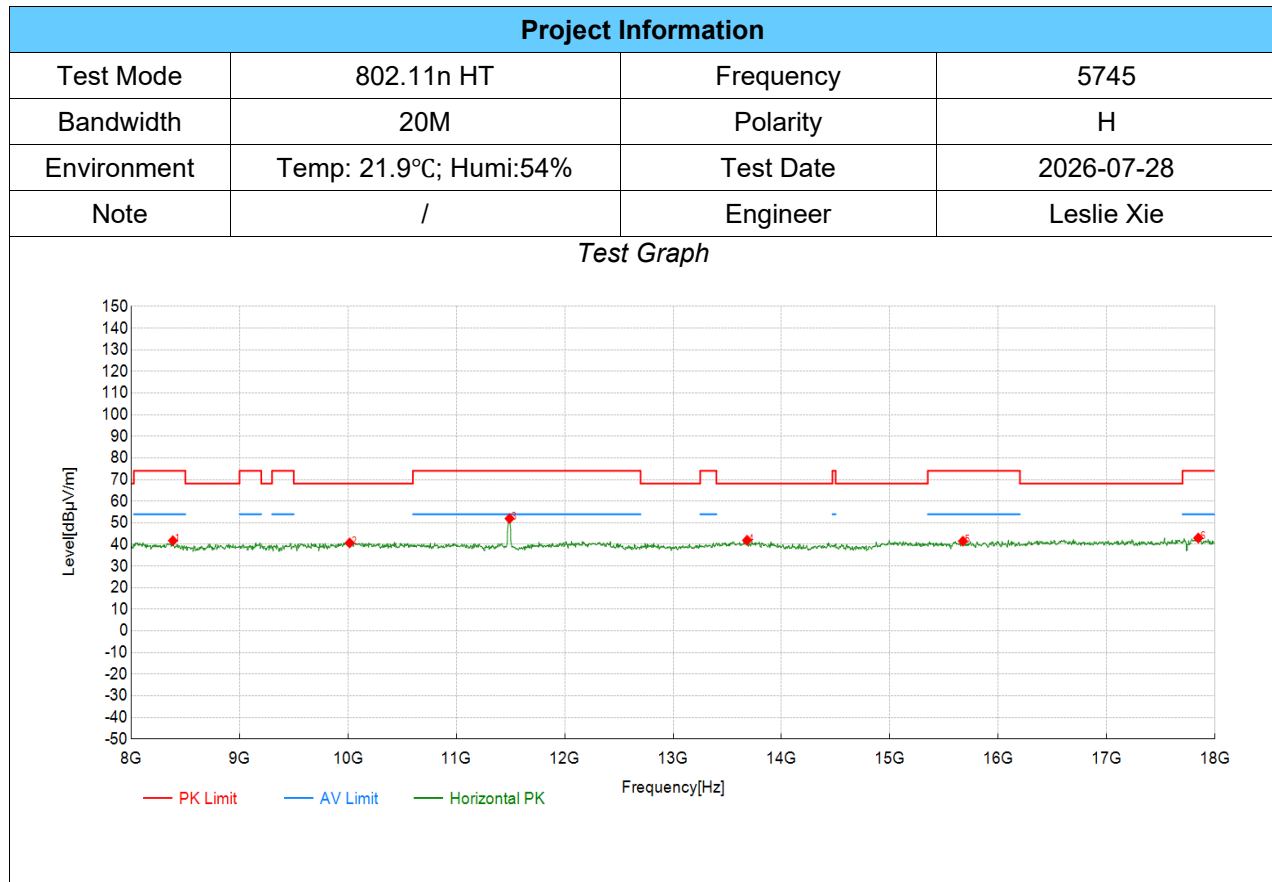


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	11441.72	64.50	55.51	-8.99	74.00	18.49	PK	Vertical	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Polarity	Verdict
1	11441.72	-8.99	52.61	43.62	54.00	10.38	Vertical	PASS

Note: (1) Level = Reading + Factor
(2) Margin = Limit - Level

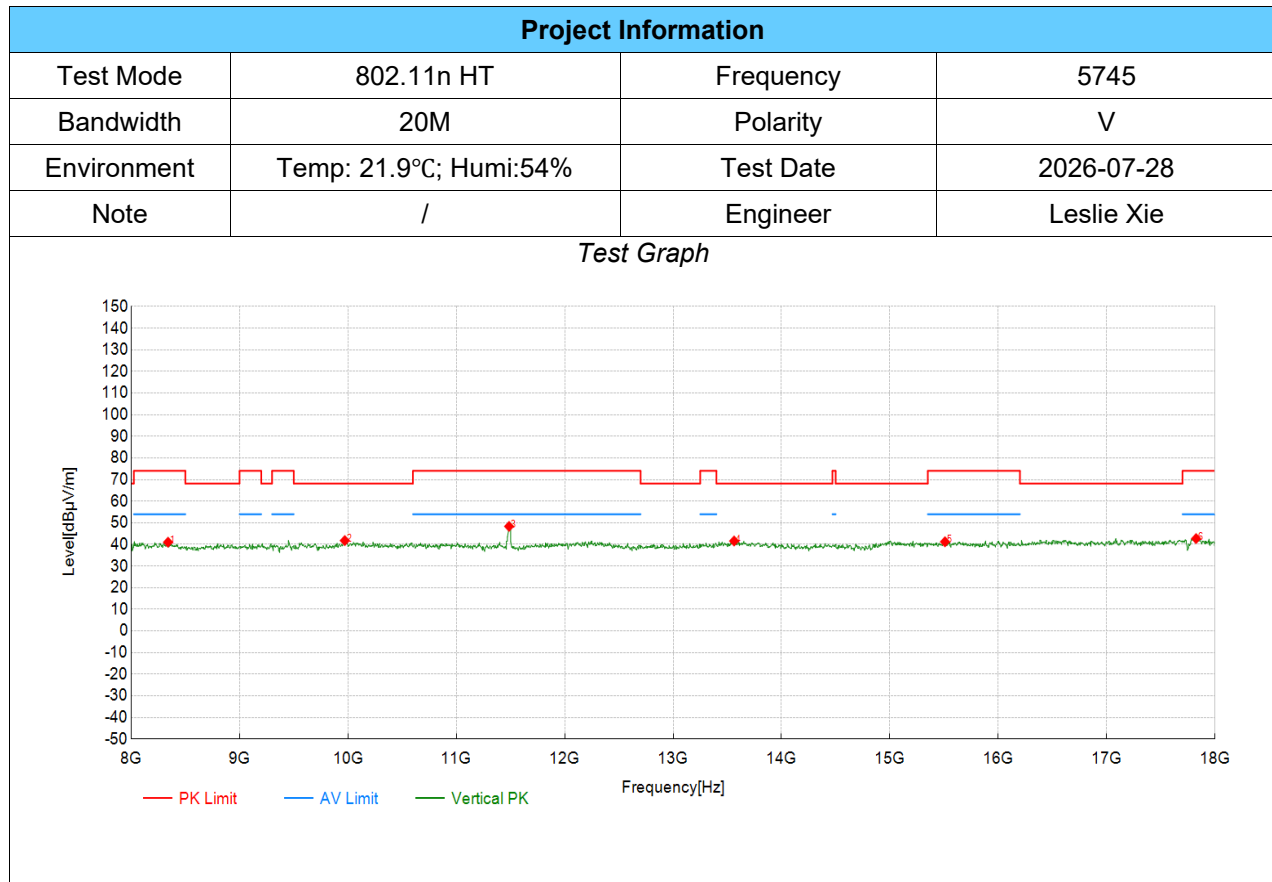
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8385.19	53.83	41.73	-12.10	74.00	32.27	PK	Horizontal	PASS
2	10016.01	50.45	40.69	-9.76	68.20	27.51	PK	Horizontal	PASS
3	11491.75	61.23	51.98	-9.25	74.00	22.02	PK	Horizontal	PASS
4	13682.84	53.47	41.91	-11.56	68.20	26.29	PK	Horizontal	PASS
5	15673.84	50.44	41.50	-8.94	74.00	32.50	PK	Horizontal	PASS
6	17844.92	48.24	42.96	-5.28	74.00	31.04	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
 (2)Margin=Limit-Level

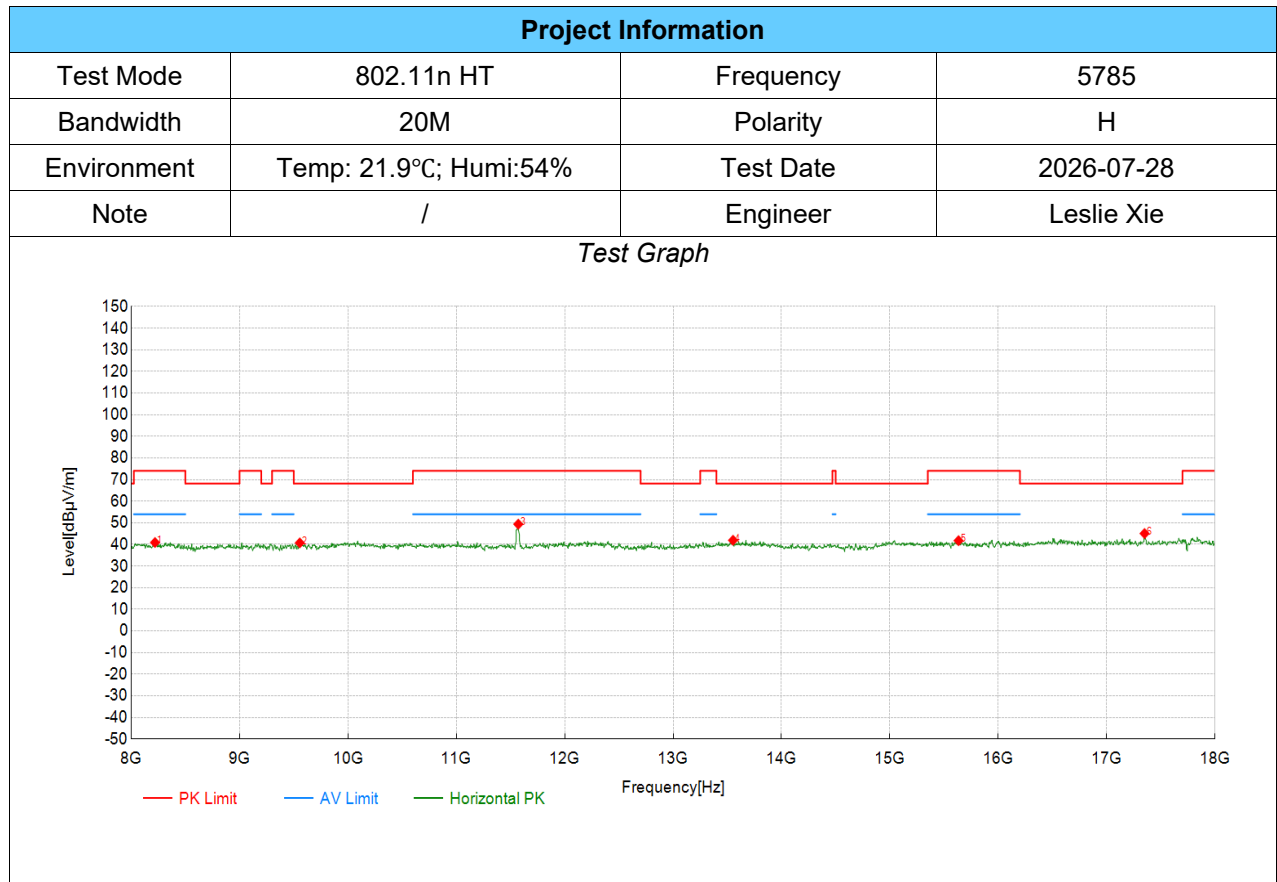
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8340.17	53.47	41.04	-12.43	74.00	32.96	PK	Vertical	PASS
2	9970.99	51.70	41.78	-9.92	68.20	26.42	PK	Vertical	PASS
3	11486.74	57.58	48.36	-9.22	74.00	25.64	PK	Vertical	PASS
4	13562.78	53.36	41.59	-11.77	68.20	26.61	PK	Vertical	PASS
5	15508.75	50.26	41.23	-9.03	74.00	32.77	PK	Vertical	PASS
6	17824.91	47.88	42.71	-5.17	74.00	31.29	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

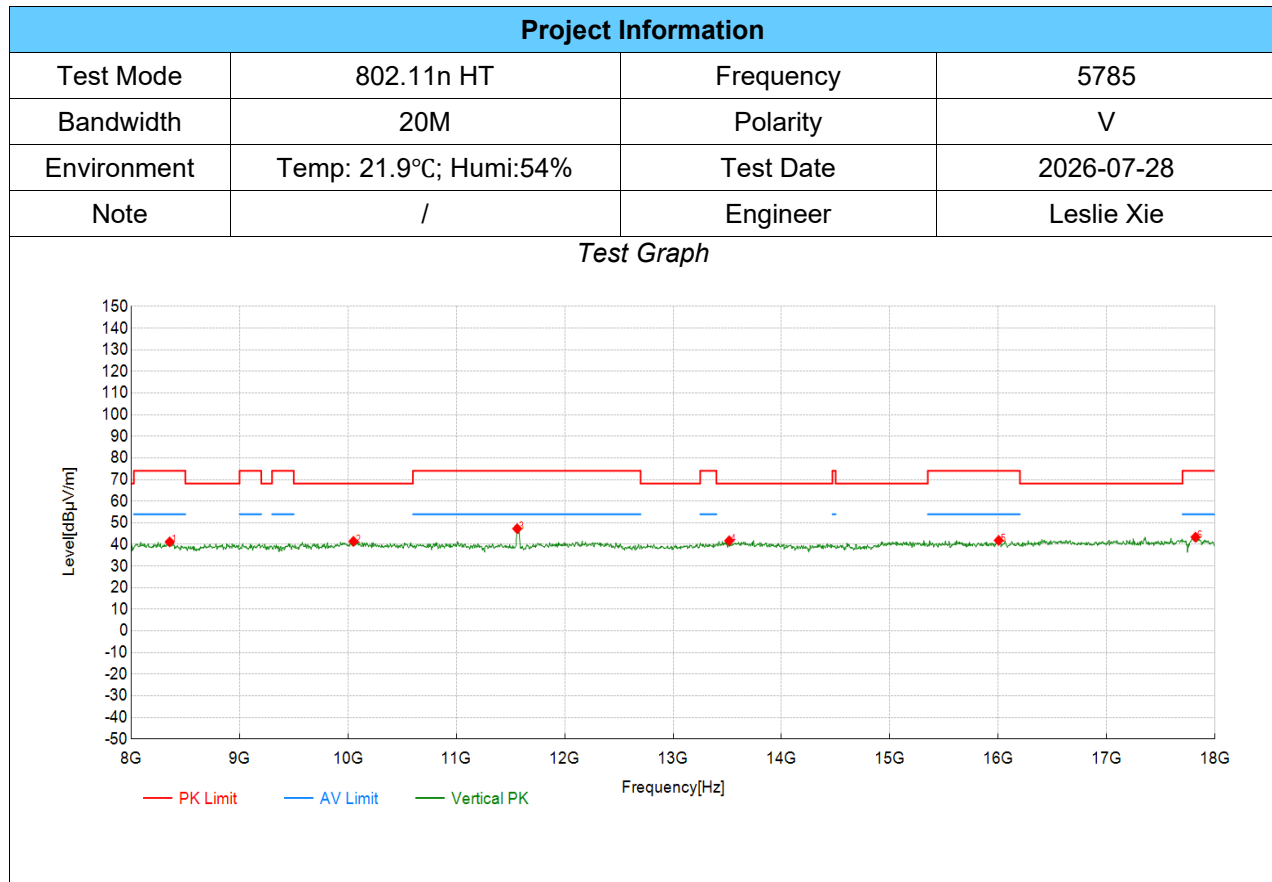
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8220.11	54.21	40.90	-13.31	74.00	33.10	PK	Horizontal	PASS
2	9555.78	51.26	40.71	-10.55	68.20	27.49	PK	Horizontal	PASS
3	11571.79	59.06	49.36	-9.70	74.00	24.64	PK	Horizontal	PASS
4	13552.78	53.69	41.92	-11.77	68.20	26.28	PK	Horizontal	PASS
5	15633.82	50.60	41.74	-8.86	74.00	32.26	PK	Horizontal	PASS
6	17349.67	52.03	45.04	-6.99	68.20	23.16	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

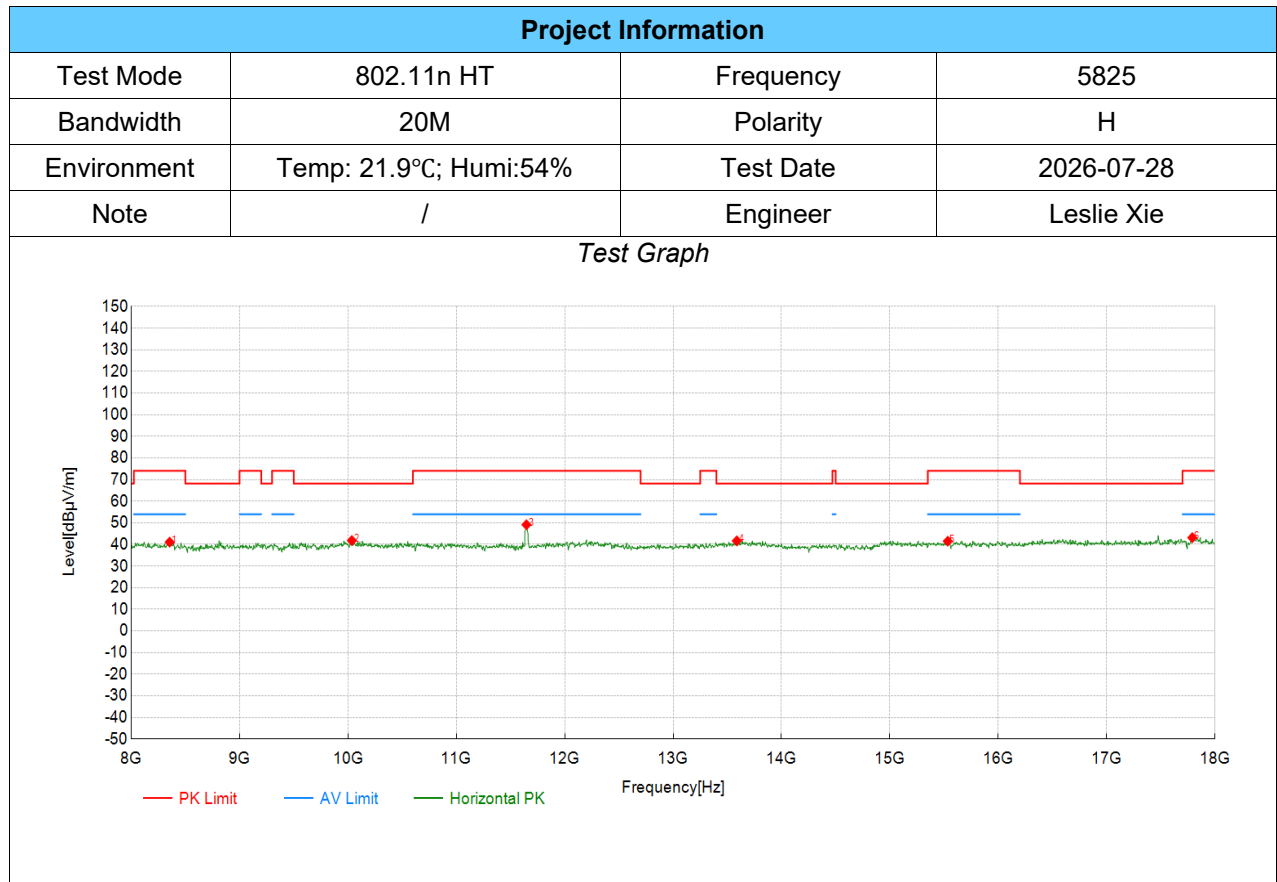
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8355.18	53.51	41.19	-12.32	74.00	32.81	PK	Vertical	PASS
2	10051.03	51.38	41.43	-9.95	68.20	26.77	PK	Vertical	PASS
3	11561.78	56.94	47.29	-9.65	74.00	26.71	PK	Vertical	PASS
4	13517.76	53.49	41.71	-11.78	68.20	26.49	PK	Vertical	PASS
5	16004.00	50.08	41.86	-8.22	74.00	32.14	PK	Vertical	PASS
6	17819.91	48.51	43.37	-5.14	74.00	30.63	PK	Vertical	PASS

Note: (1) Level = Reading + Factor
 (2) Margin = Limit - Level

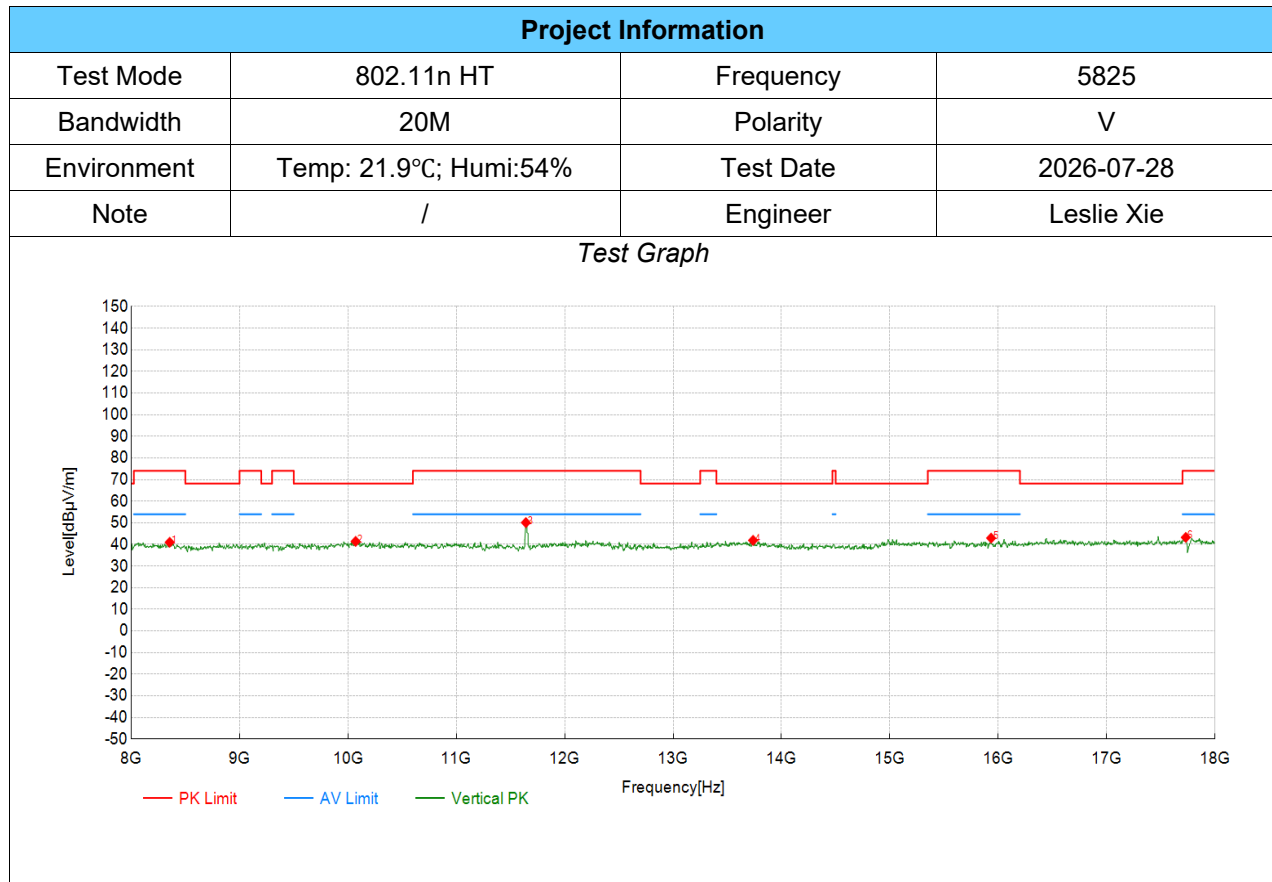
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8355.18	53.39	41.07	-12.32	74.00	32.93	PK	Horizontal	PASS
2	10036.02	51.67	41.80	-9.87	68.20	26.40	PK	Horizontal	PASS
3	11646.82	58.91	49.12	-9.79	74.00	24.88	PK	Horizontal	PASS
4	13587.79	53.42	41.66	-11.76	68.20	26.54	PK	Horizontal	PASS
5	15533.77	50.46	41.50	-8.96	74.00	32.50	PK	Horizontal	PASS
6	17789.89	48.21	43.12	-5.09	74.00	30.88	PK	Horizontal	PASS

Note: (1) Level = Reading + Factor
 (2) Margin = Limit - Level

TX Radiated Test Result



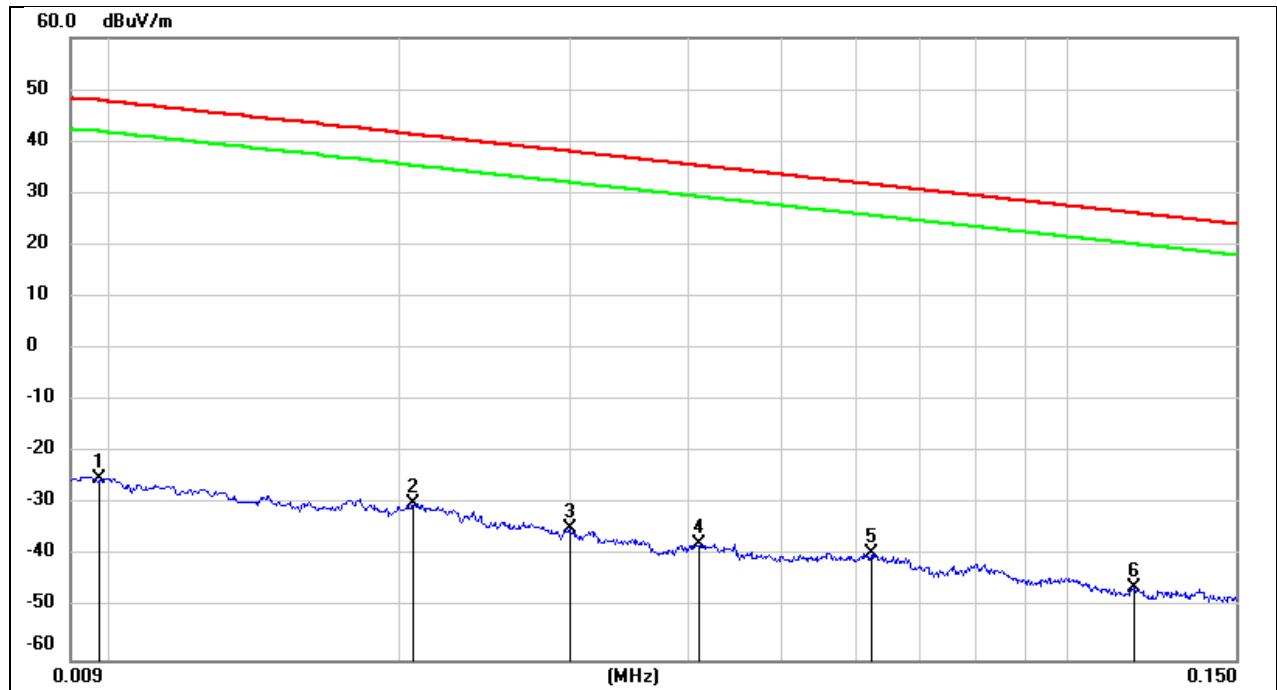
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8355.18	53.30	40.98	-12.32	74.00	33.02	PK	Vertical	PASS
2	10071.04	51.47	41.41	-10.06	68.20	26.79	PK	Vertical	PASS
3	11641.82	59.91	50.11	-9.80	74.00	23.89	PK	Vertical	PASS
4	13737.87	53.31	41.89	-11.42	68.20	26.31	PK	Vertical	PASS
5	15933.97	51.45	42.94	-8.51	74.00	31.06	PK	Vertical	PASS
6	17729.86	48.75	43.26	-5.49	74.00	30.74	PK	Vertical	PASS

Note: (1) Level = Reading + Factor
 (2) Margin = Limit - Level

8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V

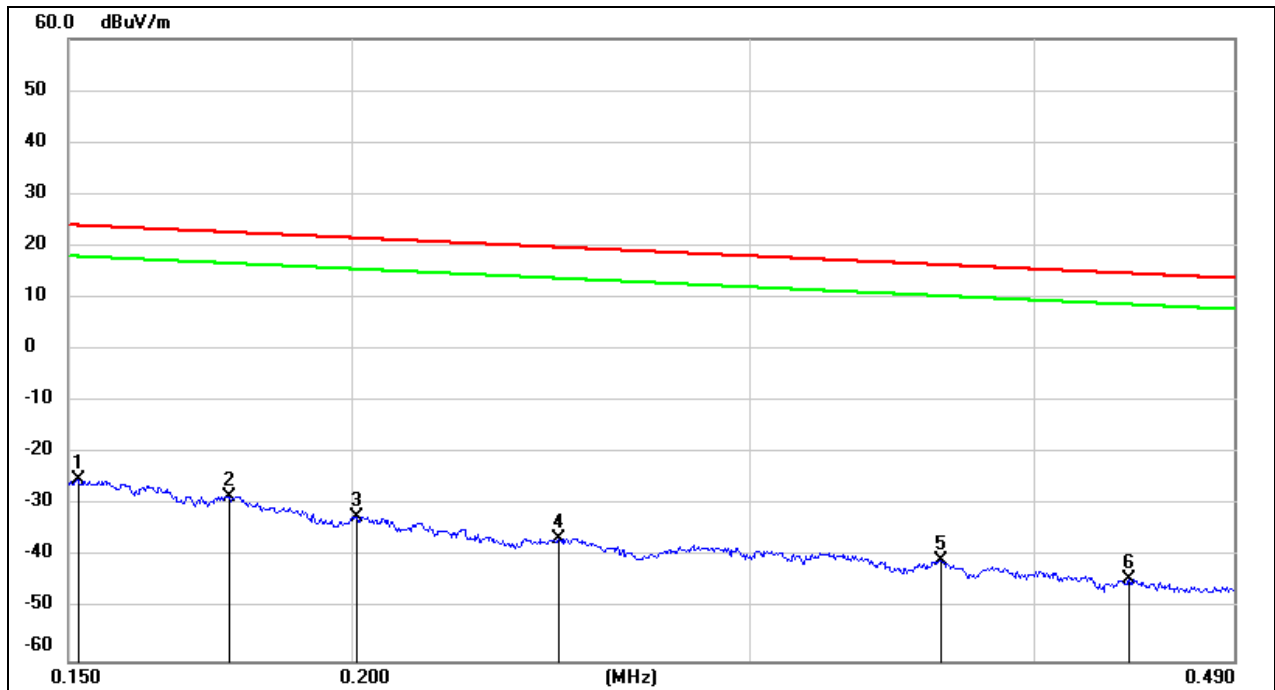
Project No.:	FCC part 15C 9K-30M loop ant test data	Polarization:	Horizontal
Standard:	FCC Part 15C 9KHz-30MHz- limit	Power Source:	DC 5V
Test item:	Radiation Test	Date:	04/06/2021
Temp./Hum.(%RH):	22.7(C)/60%RH	Time:	10:11:08 AM
EUT:		Test By:	Peter Peng
Model:	01	Distance:	3m
Mode:	802.11a20-5180		
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0097	76.43	-101.38	-24.95	47.82	-72.77	peak
2	0.0206	71.42	-101.35	-29.93	41.32	-71.25	peak
3	0.0300	66.68	-101.39	-34.71	38.06	-72.77	peak
4	0.0410	63.74	-101.44	-37.70	35.35	-73.05	peak
5	0.0623	61.94	-101.53	-39.59	31.71	-71.30	peak
6	0.1174	55.83	-101.74	-45.91	26.21	-72.12	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V

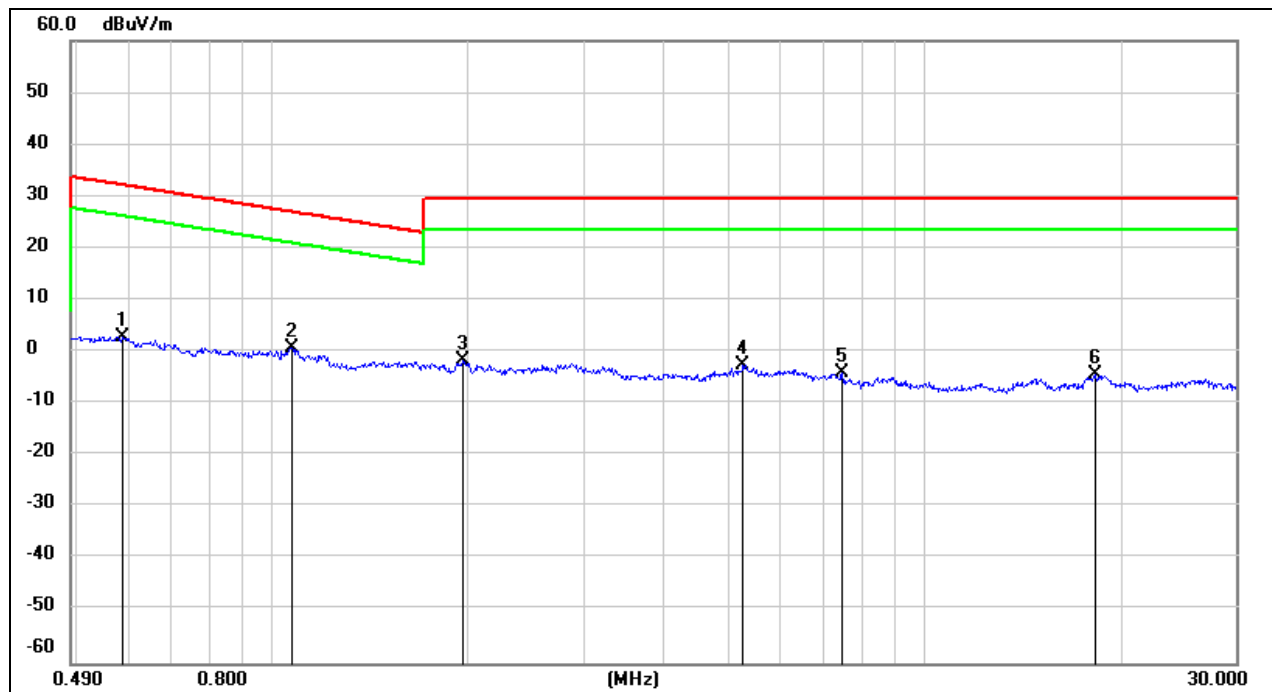
Project No.:	FCC part 15C 9K-30M loop ant test data	Polarization:	Horizontal
Standard:	FCC Part 15C 9KHz-30MHz- limit	Power Source:	DC 5V
Test item:	Radiation Test	Date:	04/06/2021
Temp./Hum.(%RH):	22.7(C)/60%RH	Time:	10:09:21 AM
EUT:		Test By:	Peter Peng
Model:	02	Distance:	3m
Mode:	802.11a20-5180		
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1514	76.68	-101.63	-24.95	24.00	-48.95	peak
2	0.1766	73.48	-101.68	-28.20	22.67	-50.87	peak
3	0.2010	69.51	-101.72	-32.21	21.54	-53.75	peak
4	0.2469	65.42	-101.80	-36.38	19.75	-56.13	peak
5	0.3642	61.43	-101.93	-40.50	16.37	-56.87	peak
6	0.4405	57.68	-102.01	-44.33	14.72	-59.05	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V

Project No.:	FCC part 15C 9K-30M loop ant test data	Polarization:	Horizontal
Standard:	FCC Part 15C 9KHz-30MHz- limit	Power Source:	DC 5V
Test item:	Radiation Test	Date:	04/06/2021
Temp./Hum.(%RH):	22.7(C)/60%RH	Time:	10:07:14 AM
EUT:		Test By:	Peter Peng
Model:	03	Distance:	3m
Mode:	802.11a20-5180		
Note:			

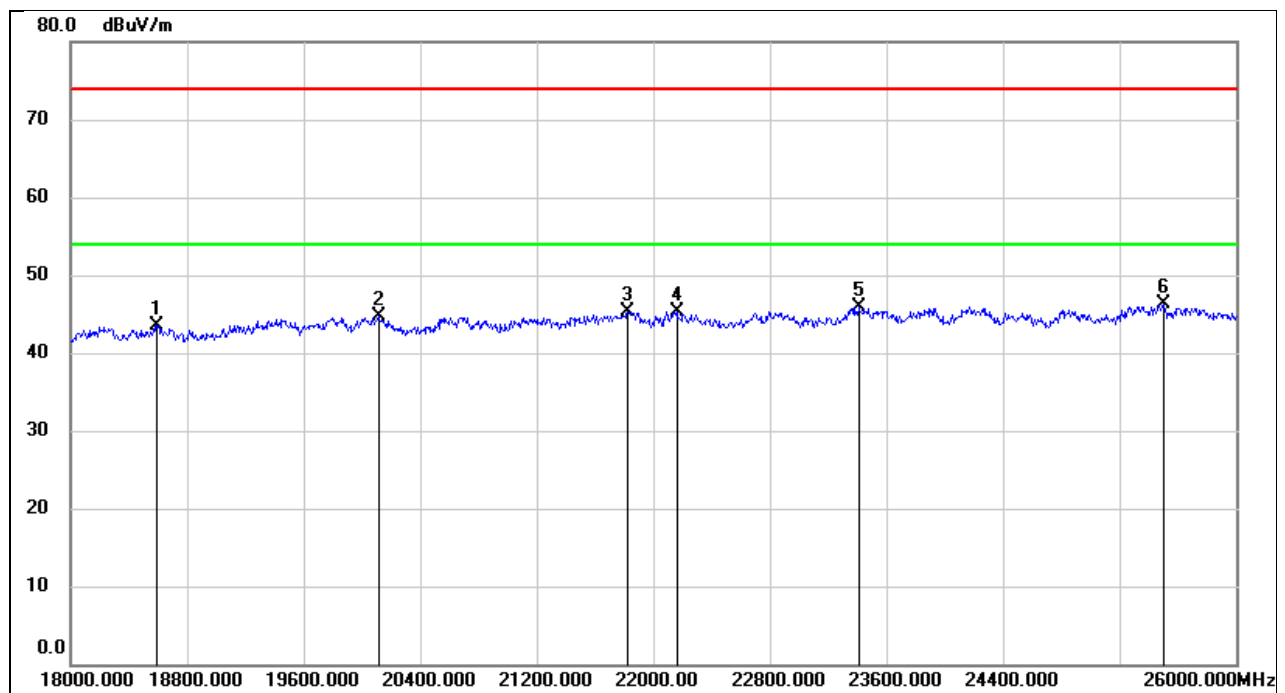


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5872	64.98	-62.08	2.90	32.23	-29.33	peak
2	1.0704	63.08	-62.23	0.85	27.01	-26.16	peak
3	1.9516	60.11	-61.84	-1.73	29.54	-31.27	peak
4	5.2705	59.04	-61.45	-2.41	29.54	-31.95	peak
5	7.4839	56.97	-61.15	-4.18	29.54	-33.72	peak
6	18.2545	56.43	-60.90	-4.47	29.54	-34.01	peak

8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V

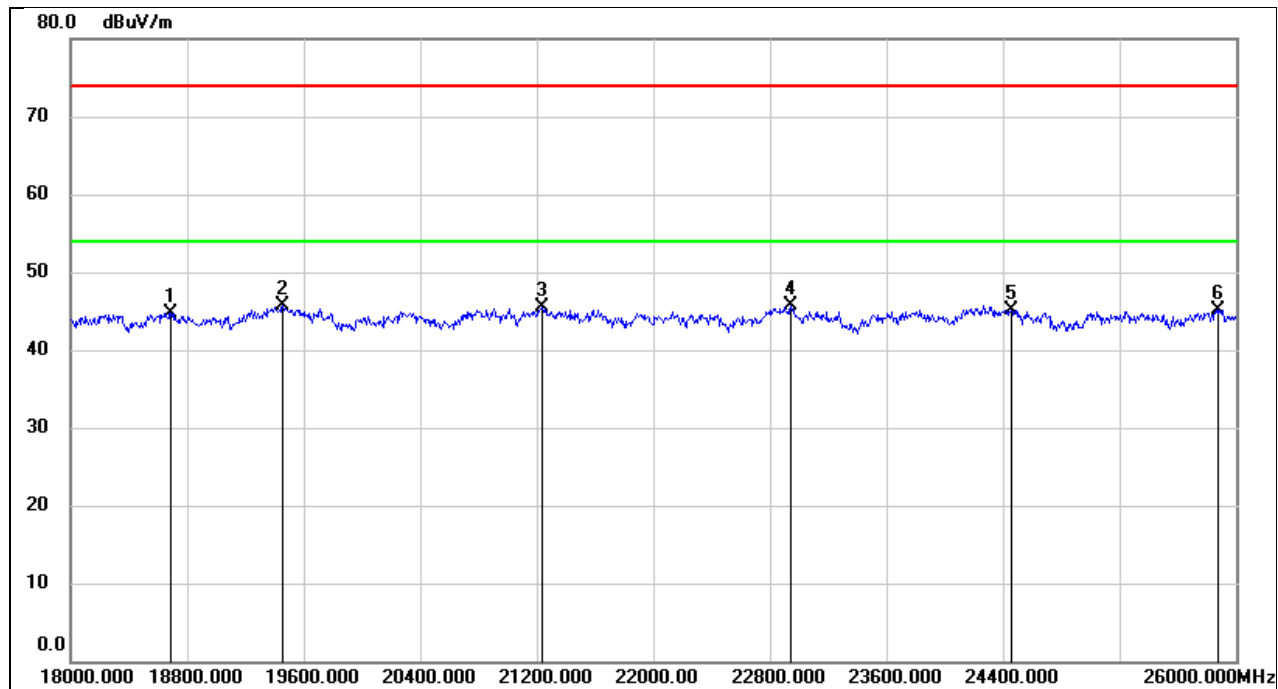
Project No.:	18-26	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiation Peak (Above 1G)	Power Source:	DC 5V
Test item:	Radiation Test	Date:	11/6/2018
Temp./Hum.(%RH):	23.5(C)/58%RH	Time:	7:02:56 PM
EUT:		Test By:	Peter Peng
Model:	01	Distance:	3m
Mode:	802.11a 20-5180		
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18592.000	48.75	-5.31	43.44	74.00	-30.56	peak
2	20112.000	50.19	-5.53	44.66	74.00	-29.34	peak
3	21824.000	49.64	-4.37	45.27	74.00	-28.73	peak
4	22160.000	49.58	-4.31	45.27	74.00	-28.73	peak
5	23408.000	49.11	-3.22	45.89	74.00	-28.11	peak
6	25504.000	48.07	-1.77	46.30	74.00	-27.70	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V

Project No.:	18-26	Polarization:	Vertical
Standard:	FCC Class B 3M Radiation Peak (Above 1G)	Power Source:	DC 5V
Test item:	Radiation Test	Date:	11/5/2018
Temp./Hum.(%RH):	22.7(C)/60%RH	Time:	7:02:02 PM
EUT:		Test By:	Peter Peng
Model:	02	Distance:	3m
Mode:	802.11a 20-5180		
Note:			

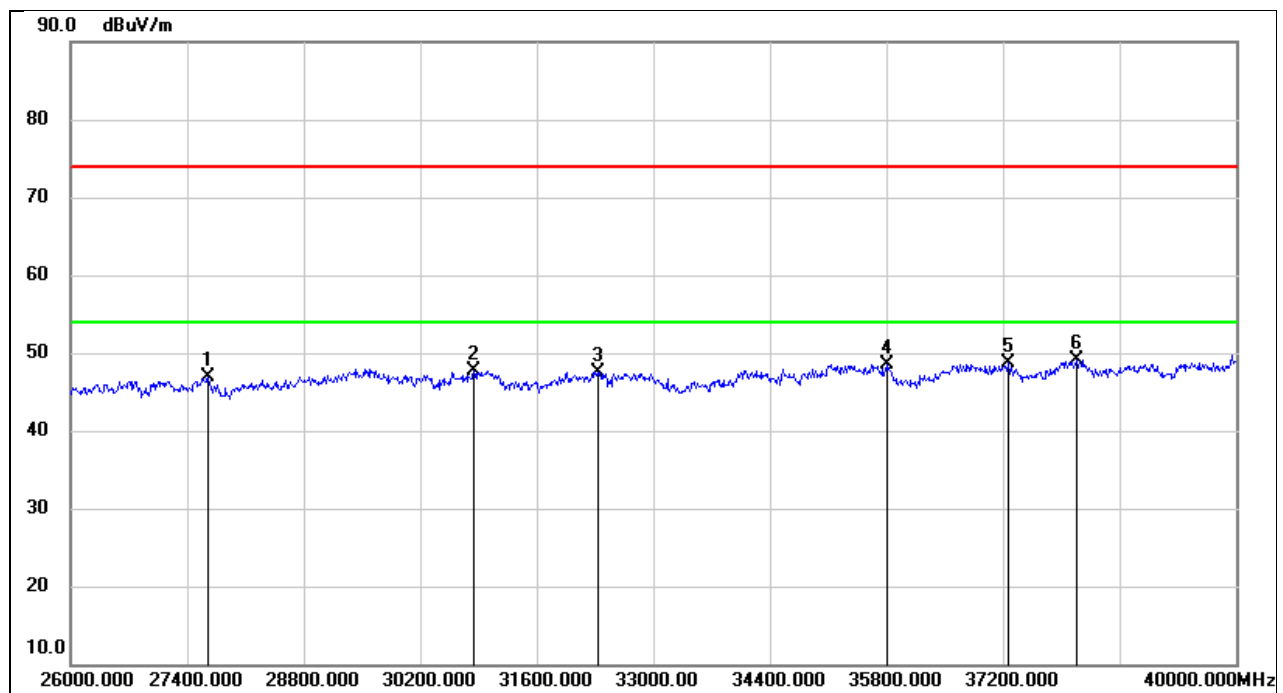


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18688.000	50.11	-5.38	44.73	74.00	-29.27	peak
2	19456.000	51.19	-5.55	45.64	74.00	-28.36	peak
3	21232.000	50.30	-4.77	45.53	74.00	-28.47	peak
4	22944.000	49.18	-3.49	45.69	74.00	-28.31	peak
5	24456.000	47.58	-2.42	45.16	74.00	-28.84	peak
6	25880.000	45.95	-0.84	45.11	74.00	-28.89	peak

8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V

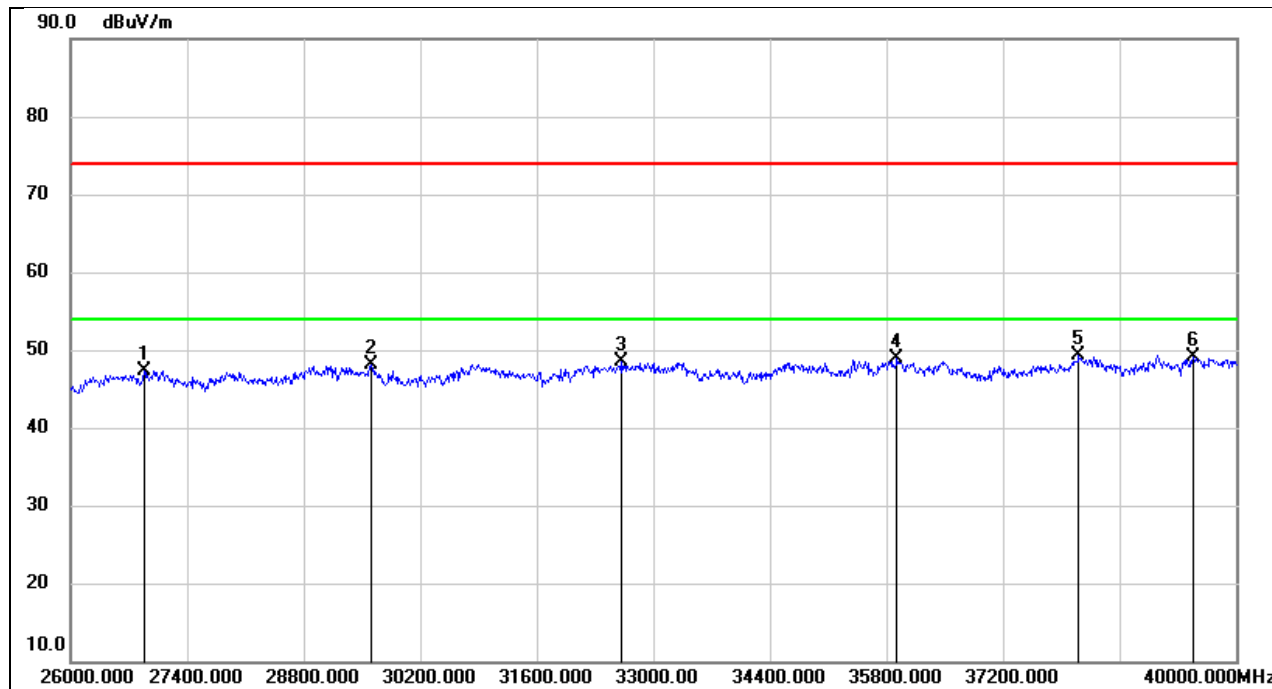
Project No.:	18-40GHz	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiation Peak (Above 1G)	Power Source:	DC 5V
Test item:	Radiation Test	Date:	11/24/2021
Temp./Hum.(%RH):	22.7(C)/50%RH	Time:	7:35:37 PM
EUT:		Test By:	Peter Peng
Model:	01	Distance:	3m
Mode:	802.11a 20-5180		
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27652.000	50.39	-3.49	46.90	74.00	-27.10	peak
2	30844.000	48.68	-1.00	47.68	74.00	-26.32	peak
3	32328.000	48.86	-1.28	47.58	74.00	-26.42	peak
4	35814.000	44.83	3.63	48.46	74.00	-25.54	peak
5	37256.000	45.51	3.14	48.65	74.00	-25.35	peak
6	38082.000	45.63	3.45	49.08	74.00	-24.92	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V

Project No.:	18-40GHz	Polarization:	Vertical
Standard:	FCC Class B 3M Radiation Peak (Above 1G)	Power Source:	DC 5V
Test item:	Radiation Test	Date:	11/24/2021
Temp./Hum.(%RH):	22.7(C)/50%RH	Time:	7:46:25 PM
EUT:		Test By:	Peter Peng
Model:	02	Distance:	3m
Mode:	802.11a 20-5180		
Note:			

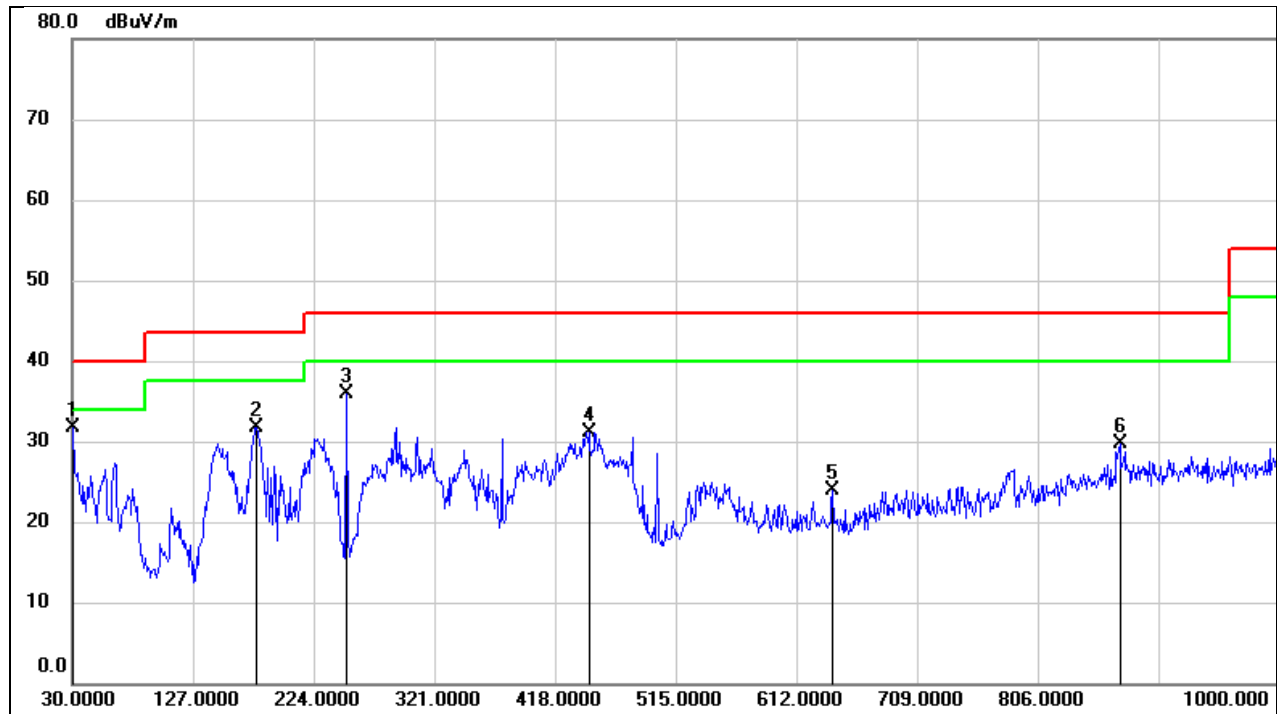


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26882.000	51.63	-4.26	47.37	74.00	-26.63	peak
2	29612.000	49.20	-1.16	48.04	74.00	-25.96	peak
3	32622.000	49.83	-1.38	48.45	74.00	-25.55	peak
4	35926.000	44.94	3.88	48.82	74.00	-25.18	peak
5	38110.000	45.83	3.53	49.36	74.00	-24.64	peak
6	39482.000	44.22	4.98	49.20	74.00	-24.80	peak

8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC120V_60Hz

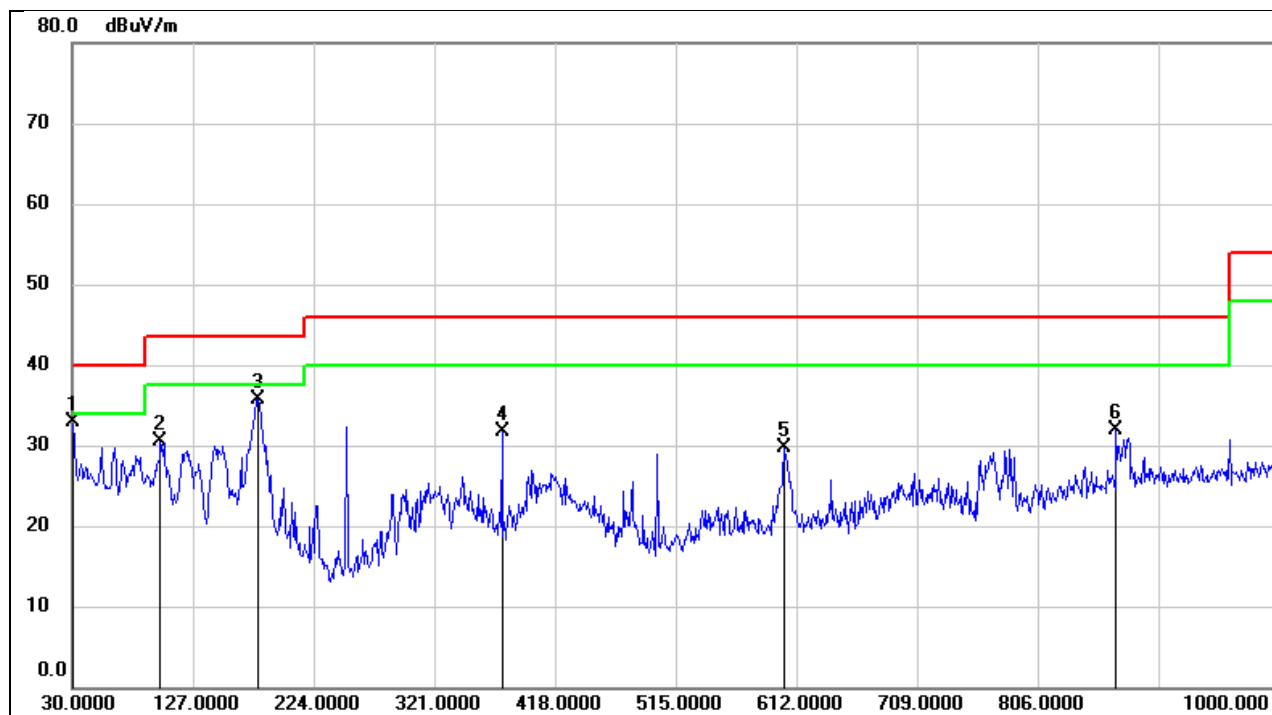
Project No.:	4792273349	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiation	Power Source:	AC120V_60Hz
Test item:	Radiation Test	Date:	2026/8/4
Temp./Hum.(%RH):	22.5(C)/61%RH	Time:	0:37:54
EUT:		Test By:	Zhenlang Li
Model:	02	Distance:	3m
Mode:	802.11a 20-5180		
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	46.23	-14.58	31.65	40.00	-8.35	peak
2	177.4400	43.75	-11.98	31.77	43.50	-11.73	peak
3	250.1900	50.48	-14.60	35.88	46.00	-10.12	peak
4	445.1600	39.18	-8.02	31.16	46.00	-14.84	peak
5	641.1000	29.30	-5.44	23.86	46.00	-22.14	peak
6	871.9600	30.65	-0.96	29.69	46.00	-16.31	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC120V_60Hz

Project No.:	4792273349	Polarization:	Vertical
Standard:	FCC Class B 3M Radiation	Power Source:	AC120V_60Hz
Test item:	Radiation Test	Date:	2026/8/4
Temp./Hum.(%RH):	22.5(C)/61%RH	Time:	0:38:54
EUT:		Test By:	Zhenlang Li
Model:	02	Distance:	3m
Mode:	802.11a 20-5180		
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	47.35	-14.52	32.83	40.00	-7.17	peak
2	100.8100	46.85	-16.39	30.46	43.50	-13.04	peak
3	179.3800	47.62	-11.93	35.69	43.50	-7.81	peak
4	375.3200	41.16	-9.50	31.66	46.00	-14.34	peak
5	602.3000	35.08	-5.45	29.63	46.00	-16.37	peak
6	869.0500	33.02	-1.02	32.00	46.00	-14.00	peak

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to FCC 47 CFR §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

*Decreases with the logarithm of the frequency.

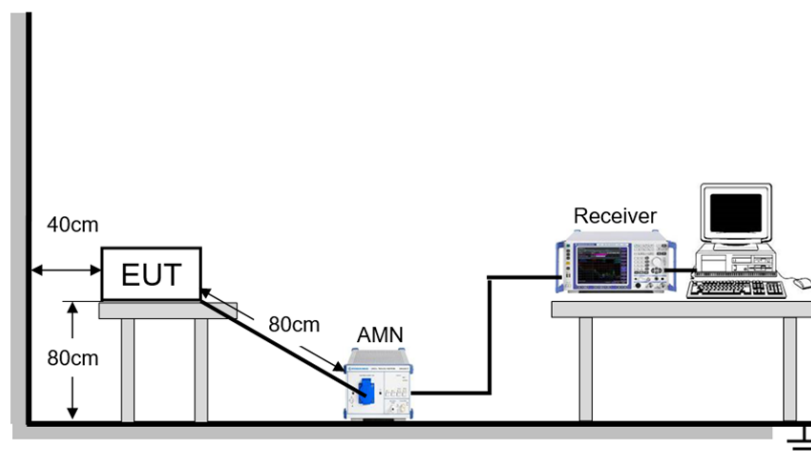
TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2020. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	58%
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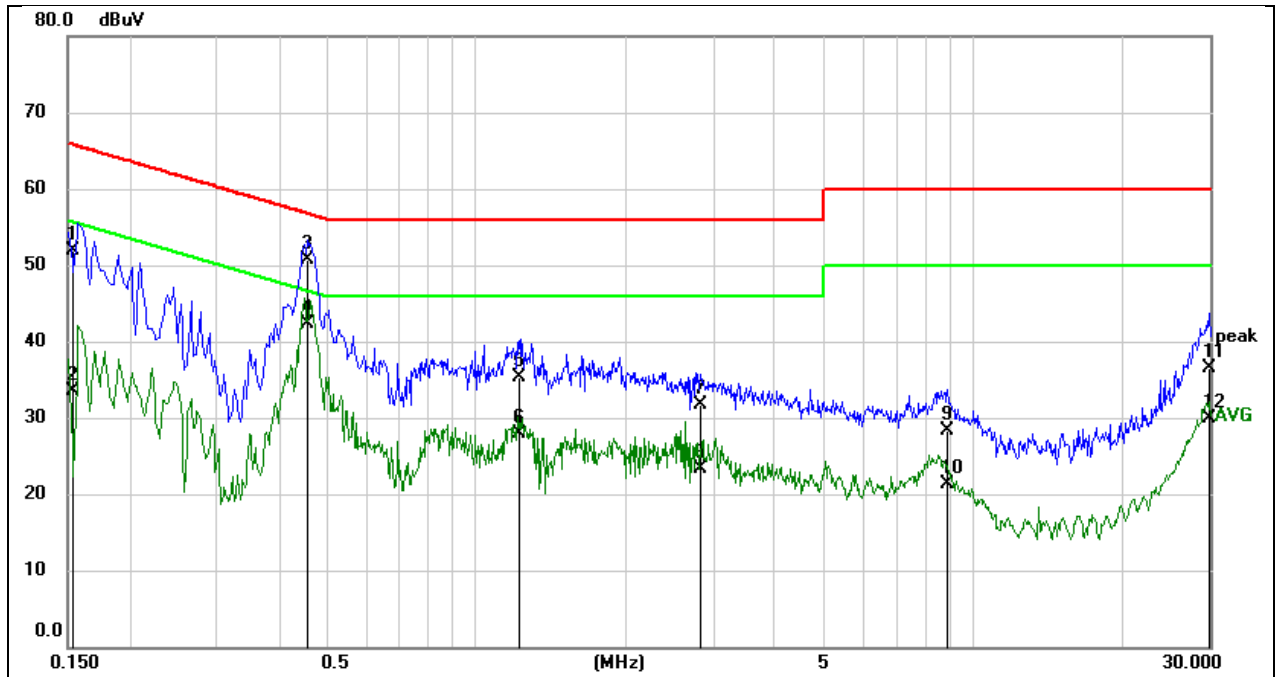
Atmosphere Pressure	101kPa	Test Voltage	
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TEST DATE / ENGINEER

Test Date	八月 4, 2026	Test By	Kevin Zhang
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TEST RESULTS

Test Mode:	802.11a 20	Frequency(MHz):	5180
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1536	42.13	9.83	51.96	65.80	-13.84	QP
2	0.1536	23.69	9.83	33.52	55.80	-22.28	AVG
3	0.4550	41.04	9.72	50.76	56.78	-6.02	QP
4	0.4550	32.67	9.72	42.39	46.78	-4.39	AVG
5	1.2224	25.65	9.73	35.38	56.00	-20.62	QP
6	1.2224	18.16	9.73	27.89	46.00	-18.11	AVG
7	2.8252	21.92	9.77	31.69	56.00	-24.31	QP
8	2.8252	13.49	9.77	23.26	46.00	-22.74	AVG
9	8.8493	18.68	9.71	28.39	60.00	-31.61	QP
10	8.8493	11.66	9.71	21.37	50.00	-28.63	AVG
11	29.9530	26.82	9.64	36.46	60.00	-23.54	QP
12	29.9530	20.20	9.64	29.84	50.00	-20.16	AVG

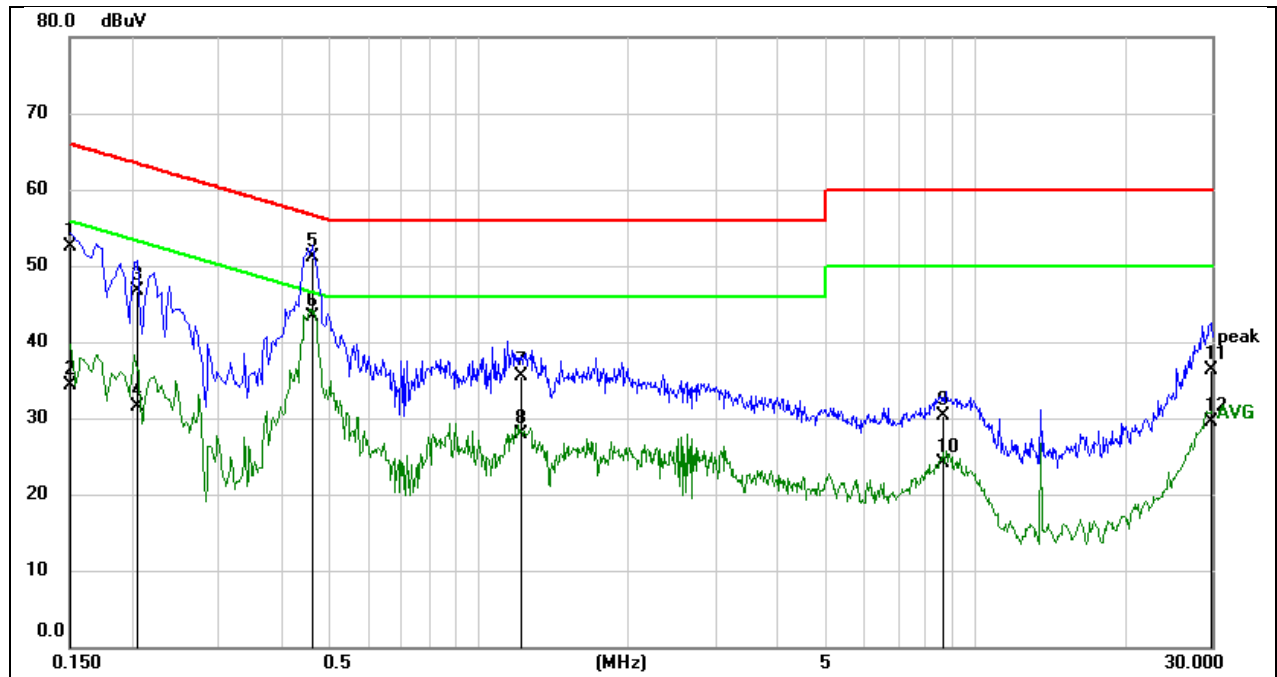
Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	802.11a 20	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1502	42.92	9.54	52.46	65.99	-13.53	QP
2	0.1502	24.70	9.54	34.24	55.99	-21.75	AVG
3	0.2060	37.14	9.54	46.68	63.37	-16.69	QP
4	0.2060	21.92	9.54	31.46	53.37	-21.91	AVG
5	0.4623	41.48	9.63	51.11	56.65	-5.54	QP
6	0.4623	33.62	9.63	43.25	46.65	-3.40	AVG
7	1.2226	25.98	9.53	35.51	56.00	-20.49	QP
8	1.2226	18.41	9.53	27.94	46.00	-18.06	AVG
9	8.6926	20.55	9.74	30.29	60.00	-29.71	QP
10	8.6926	14.42	9.74	24.16	50.00	-25.84	AVG
11	29.8808	26.77	9.54	36.31	60.00	-23.69	QP
12	29.8808	19.91	9.54	29.45	50.00	-20.55	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

11.1.1. Test Result

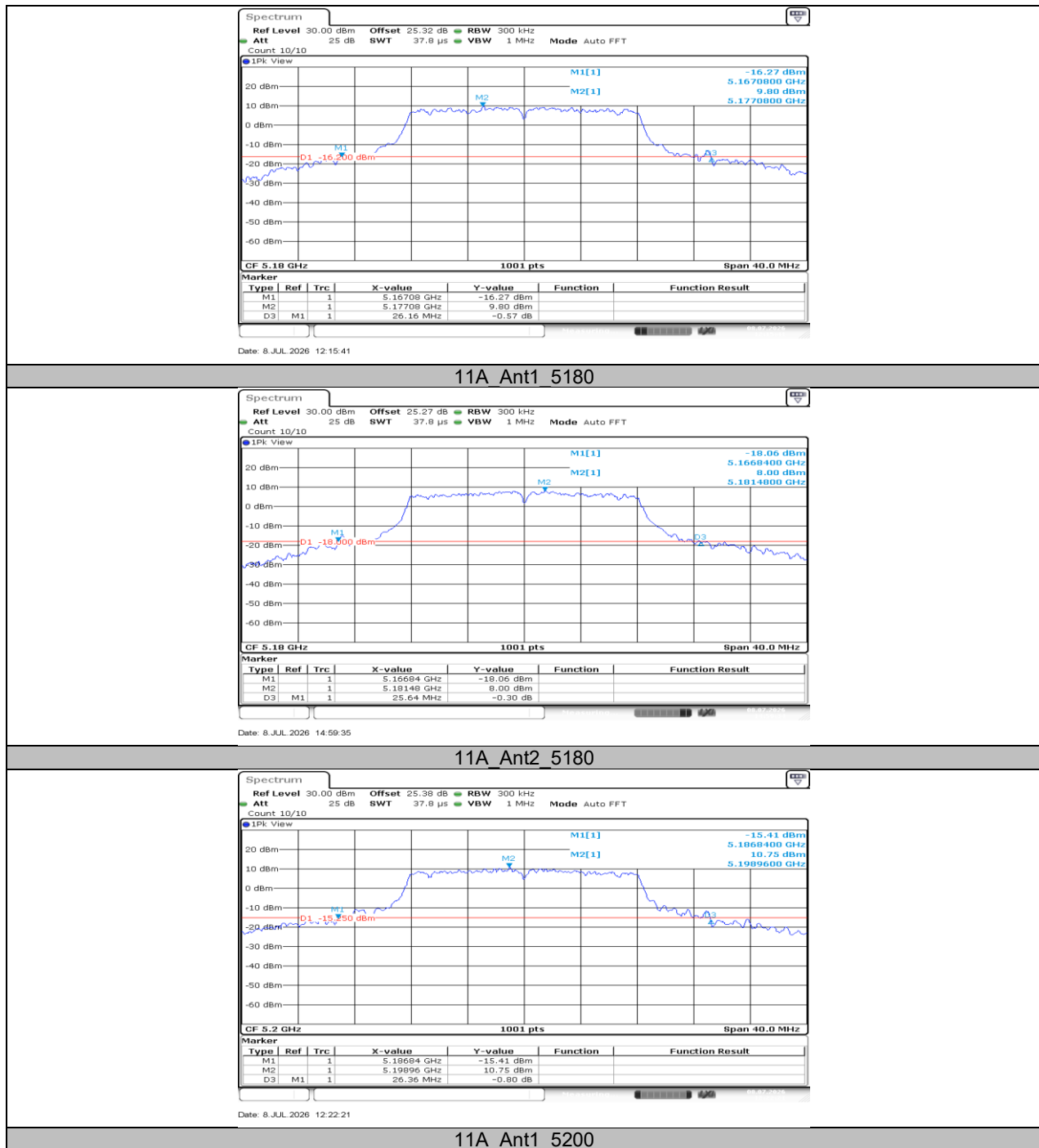
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	26.16	5167.08	5193.24	PASS
	Ant2	5180	25.64	5166.84	5192.48	PASS
	Ant1	5200	26.36	5186.84	5213.20	PASS
	Ant2	5200	26.88	5187.48	5214.36	PASS
	Ant1	5240	22.60	5229.28	5251.88	PASS
	Ant2	5240	20.24	5229.84	5250.08	PASS
	Ant1	5260	22.60	5249.20	5271.80	PASS
	Ant2	5260	21.60	5249.12	5270.72	PASS
	Ant1	5280	23.44	5269.08	5292.52	PASS
	Ant2	5280	20.76	5269.44	5290.20	PASS
	Ant1	5320	26.20	5306.36	5332.56	PASS
	Ant2	5320	23.36	5308.24	5331.60	PASS
	Ant1	5500	25.04	5487.92	5512.96	PASS
	Ant2	5500	26.80	5487.24	5514.04	PASS
	Ant1	5580	20.64	5569.52	5590.16	PASS
	Ant2	5580	20.60	5569.68	5590.28	PASS
	Ant1	5700	24.16	5686.84	5711.00	PASS
	Ant2	5700	25.56	5685.16	5710.72	PASS
	Ant1	5720	24.16	5708.68	5732.84	PASS
	Ant2	5720	22.24	5708.20	5730.44	PASS
	Ant1	5720 UNII-2C	16.32	5708.68	5725	PASS
	Ant2	5720 UNII-2C	16.8	5708.20	5725	PASS
	Ant1	5720 UNII-3	7.84	5725	5732.84	PASS
	Ant2	5720 UNII-3	5.44	5725	5730.44	PASS
	Ant1	5745	25.40	5734.32	5759.72	PASS
	Ant2	5745	27.92	5733.72	5761.64	PASS
	Ant1	5785	22.08	5774.08	5796.16	PASS
	Ant2	5785	21.56	5774.04	5795.60	PASS
	Ant1	5825	25.28	5811.04	5836.32	PASS
	Ant2	5825	25.68	5811.08	5836.76	PASS
11N20MIMO	Ant1	5180	27.12	5166.96	5194.08	PASS
	Ant2	5180	26.08	5168.84	5194.92	PASS
	Ant1	5200	29.48	5185.08	5214.56	PASS
	Ant2	5200	25.92	5186.88	5212.80	PASS
	Ant1	5240	21.68	5228.60	5250.28	PASS
	Ant2	5240	20.52	5229.76	5250.28	PASS
	Ant1	5260	22.52	5248.84	5271.36	PASS
	Ant2	5260	21.28	5249.36	5270.64	PASS
	Ant1	5280	22.36	5268.84	5291.20	PASS
	Ant2	5280	21.40	5269.32	5290.72	PASS
	Ant1	5320	29.56	5305.56	5335.12	PASS
	Ant2	5320	27.48	5306.80	5334.28	PASS
	Ant1	5500	27.88	5486.20	5514.08	PASS
	Ant2	5500	26.52	5487.36	5513.88	PASS
	Ant1	5580	22.28	5568.92	5591.20	PASS
	Ant2	5580	22.04	5568.80	5590.84	PASS
	Ant1	5700	27.88	5684.32	5712.20	PASS
	Ant2	5700	23.80	5687.72	5711.52	PASS
	Ant1	5720	22.72	5708.60	5731.32	PASS
	Ant2	5720	21.36	5709.16	5730.52	PASS
	Ant1	5720 UNII-2C	16.4	5708.60	5725	PASS

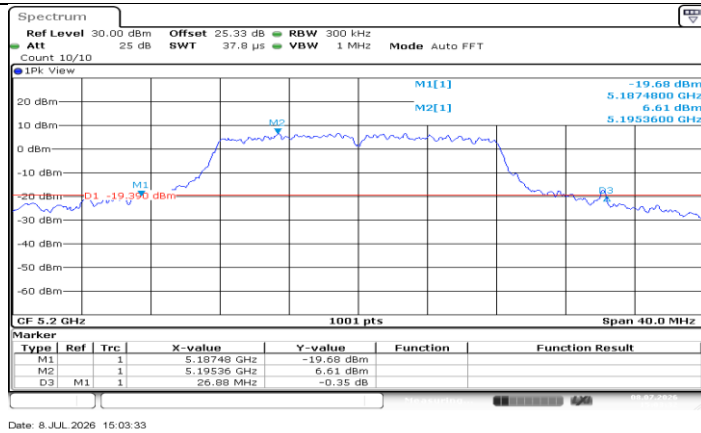
	Ant2	5720 UNII-2C	15.84	5709.16	5725	PASS
	Ant1	5720 UNII-3	6.32	5725	5731.32	PASS
	Ant2	5720 UNII-3	5.52	5725	5730.52	PASS
	Ant1	5745	27.40	5733.88	5761.28	PASS
	Ant2	5745	23.40	5734.48	5757.88	PASS
	Ant1	5785	22.00	5773.60	5795.60	PASS
	Ant2	5785	20.92	5774.60	5795.52	PASS
	Ant1	5825	26.12	5810.68	5836.80	PASS
11N40MIMO	Ant2	5825	24.48	5812.04	5836.52	PASS
	Ant1	5190	40.88	5169.52	5210.40	PASS
	Ant2	5190	40.96	5169.52	5210.48	PASS
	Ant1	5230	41.28	5209.20	5250.48	PASS
	Ant2	5230	40.72	5209.60	5250.32	PASS
	Ant1	5270	41.36	5249.36	5290.72	PASS
	Ant2	5270	40.32	5249.92	5290.24	PASS
	Ant1	5310	40.64	5289.68	5330.32	PASS
	Ant2	5310	41.04	5289.52	5330.56	PASS
	Ant1	5510	41.28	5489.28	5530.56	PASS
	Ant2	5510	40.72	5489.68	5530.40	PASS
	Ant1	5550	41.44	5529.36	5570.80	PASS
	Ant2	5550	40.48	5529.84	5570.32	PASS
	Ant1	5670	41.04	5649.44	5690.48	PASS
	Ant2	5670	40.64	5649.68	5690.32	PASS
	Ant1	5710	48.00	5686.48	5734.48	PASS
	Ant2	5710	40.80	5689.68	5730.48	PASS
	Ant1	5710 UNII-2C	38.52	5686.48	5725	PASS
	Ant2	5710 UNII-2C	35.32	5689.68	5725	PASS
	Ant1	5710 UNII-3	9.48	5725	5734.48	PASS
	Ant2	5710 UNII-3	5.48	5725	5730.48	PASS
	Ant1	5755	40.72	5734.68	5775.40	PASS
	Ant2	5755	40.72	5734.68	5775.40	PASS
	Ant1	5795	48.96	5772.52	5821.48	PASS
	Ant2	5795	40.88	5774.52	5815.40	PASS
11AC80MIMO	Ant1	5210	81.28	5169.36	5250.64	PASS
	Ant2	5210	80.64	5169.68	5250.32	PASS
	Ant1	5290	81.12	5249.52	5330.64	PASS
	Ant2	5290	80.48	5250.00	5330.48	PASS
	Ant1	5530	81.12	5489.52	5570.64	PASS
	Ant2	5530	80.64	5489.68	5570.32	PASS
	Ant1	5610	81.12	5569.52	5650.64	PASS
	Ant2	5610	80.48	5569.84	5650.32	PASS
	Ant1	5690	80.80	5649.68	5730.48	PASS
	Ant2	5690	80.48	5649.84	5730.32	PASS
	Ant1	5690 UNII-2C	75.32	5649.68	5725	PASS
	Ant2	5690 UNII-2C	75.16	5649.84	5725	PASS
	Ant1	5690 UNII-3	5.48	5725	5730.48	PASS
	Ant2	5690 UNII-3	5.32	5725	5730.32	PASS
	Ant1	5775	80.96	5734.68	5815.64	PASS
	Ant2	5775	80.80	5734.68	5815.48	PASS
11AX20MIMO	Ant1	5180	22.72	5168.44	5191.16	PASS
	Ant2	5180	22.00	5168.80	5190.80	PASS
	Ant1	5200	22.80	5188.80	5211.60	PASS
	Ant2	5200	22.16	5189.12	5211.28	PASS
	Ant1	5240	20.08	5229.92	5250.00	PASS
	Ant2	5240	20.08	5229.96	5250.04	PASS
	Ant1	5260	22.60	5248.56	5271.16	PASS
	Ant2	5260	22.28	5248.88	5271.16	PASS
	Ant1	5280	22.04	5268.96	5291.00	PASS
	Ant2	5280	22.04	5268.88	5290.92	PASS
	Ant1	5320	22.80	5308.84	5331.64	PASS

	Ant2	5320	22.36	5308.92	5331.28	PASS
	Ant1	5500	23.04	5488.76	5511.80	PASS
	Ant2	5500	22.48	5488.68	5511.16	PASS
	Ant1	5580	22.00	5568.92	5590.92	PASS
	Ant2	5580	21.84	5569.00	5590.84	PASS
	Ant1	5700	21.64	5689.04	5710.68	PASS
	Ant2	5700	22.24	5688.64	5710.88	PASS
	Ant1	5720	22.52	5709.08	5731.60	PASS
	Ant2	5720	22.12	5708.84	5730.96	PASS
	Ant1	5720 UNII-2C	15.92	5709.08	5725	PASS
	Ant2	5720 UNII-2C	16.16	5708.84	5725	PASS
	Ant1	5720 UNII-3	6.6	5725	5731.60	PASS
	Ant2	5720 UNII-3	5.96	5725	5730.96	PASS
	Ant1	5745	21.92	5733.92	5755.84	PASS
	Ant2	5745	22.96	5733.24	5756.20	PASS
	Ant1	5785	22.28	5773.56	5795.84	PASS
	Ant2	5785	22.60	5773.84	5796.44	PASS
	Ant1	5825	22.08	5813.84	5835.92	PASS
	Ant2	5825	21.96	5814.00	5835.96	PASS
11AX40MIMO	Ant1	5190	40.00	5170.00	5210.00	PASS
	Ant2	5190	40.08	5170.00	5210.08	PASS
	Ant1	5230	39.92	5210.08	5250.00	PASS
	Ant2	5230	40.08	5210.00	5250.08	PASS
	Ant1	5270	40.00	5250.00	5290.00	PASS
	Ant2	5270	40.00	5250.00	5290.00	PASS
	Ant1	5310	40.16	5290.00	5330.16	PASS
	Ant2	5310	40.08	5290.00	5330.08	PASS
	Ant1	5510	40.08	5490.00	5530.08	PASS
	Ant2	5510	40.24	5489.84	5530.08	PASS
	Ant1	5550	40.08	5530.00	5570.08	PASS
	Ant2	5550	40.08	5530.00	5570.08	PASS
	Ant1	5670	40.08	5650.00	5690.08	PASS
	Ant2	5670	40.08	5650.00	5690.08	PASS
	Ant1	5710	40.08	5690.00	5730.08	PASS
	Ant2	5710	40.08	5690.00	5730.08	PASS
	Ant1	5710 UNII-2C	35	5690.00	5725	PASS
	Ant2	5710 UNII-2C	35	5690.00	5725	PASS
	Ant1	5710 UNII-3	5.08	5725	5730.08	PASS
	Ant2	5710 UNII-3	5.08	5725	5730.08	PASS
11AX80MIMO	Ant1	5755	40.08	5735.00	5775.08	PASS
	Ant2	5755	40.16	5734.92	5775.08	PASS
	Ant1	5795	40.16	5774.92	5815.08	PASS
	Ant2	5795	40.16	5774.92	5815.08	PASS
	Ant1	5210	80.80	5169.68	5250.48	PASS
	Ant2	5210	81.12	5169.52	5250.64	PASS
	Ant1	5290	80.96	5249.52	5330.48	PASS
	Ant2	5290	81.12	5249.52	5330.64	PASS
	Ant1	5530	80.96	5489.68	5570.64	PASS
	Ant2	5530	80.80	5489.68	5570.48	PASS
	Ant1	5610	81.12	5569.52	5650.64	PASS
	Ant2	5610	81.12	5569.52	5650.64	PASS
	Ant1	5690	81.12	5649.52	5730.64	PASS
	Ant2	5690	81.12	5649.52	5730.64	PASS
	Ant1	5690 UNII-2C	75.48	5649.52	5725	PASS
	Ant2	5690 UNII-2C	75.48	5649.52	5725	PASS
11AX160MIMO	Ant1	5690 UNII-3	5.64	5725	5730.64	PASS
	Ant2	5690 UNII-3	5.64	5725	5730.64	PASS
	Ant1	5775	81.12	5734.52	5815.64	PASS
	Ant2	5775	81.28	5734.36	5815.64	PASS
11AX160MIMO	Ant1	5250	163.84	5168.40	5332.24	PASS

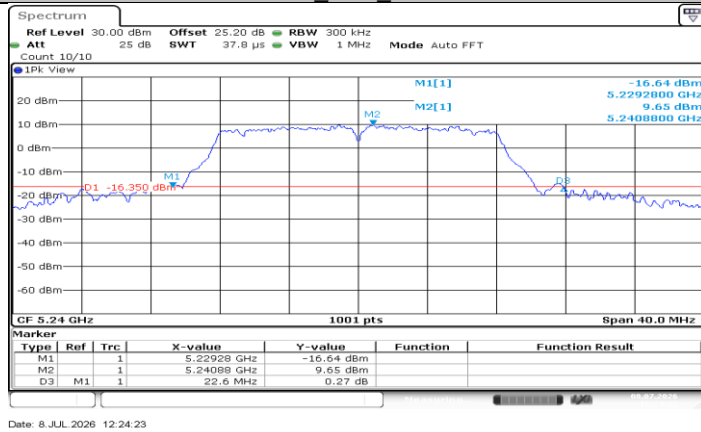
	Ant2	5250	163.52	5168.40	5331.92	PASS
	Ant1	5250 UNII-1	81.6	5168.40	5250	PASS
	Ant2	5250 UNII-1	81.6	5168.40	5250	PASS
	Ant1	5250 UNII-2A	82.24	5250	5332.24	PASS
	Ant2	5250 UNII-2A	81.92	5250	5331.92	PASS
	Ant1	5570	164.16	5488.08	5652.24	PASS
	Ant2	5570	163.52	5488.40	5651.92	PASS

11.1.2. Test Graphs

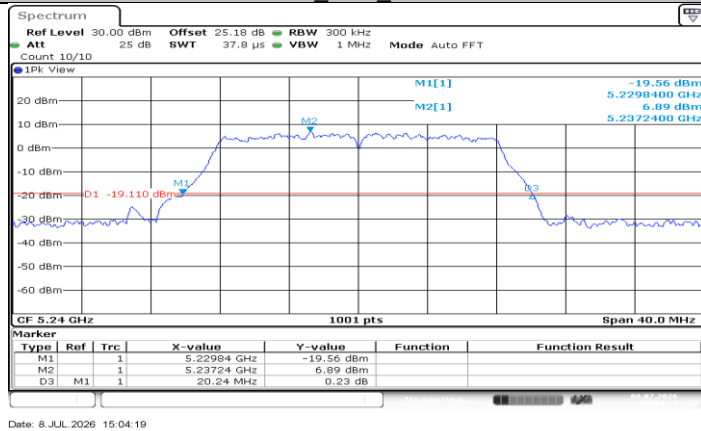




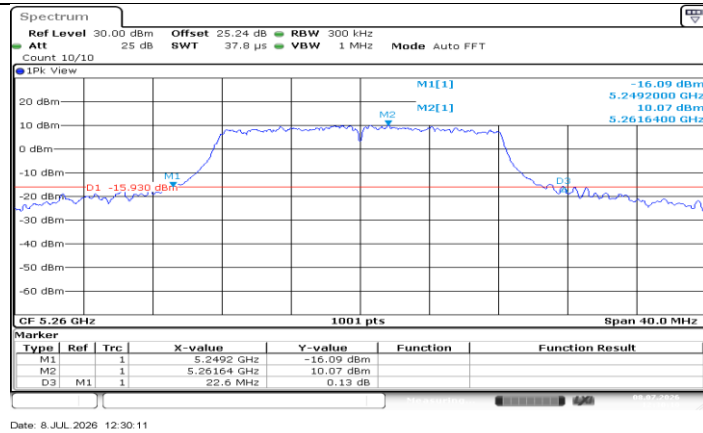
11A_Ant2_5200



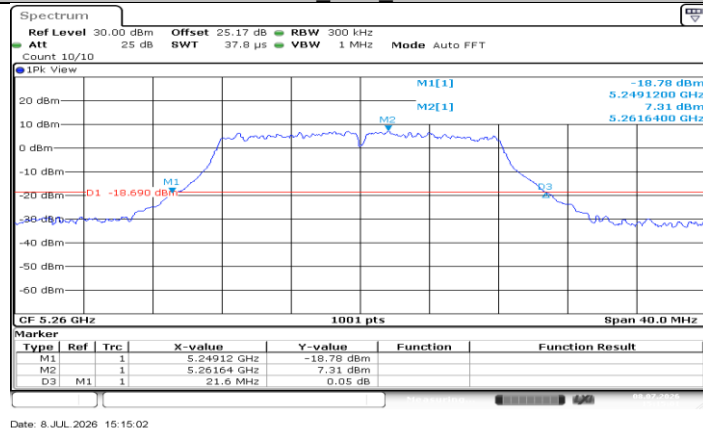
11A_Ant1_5240



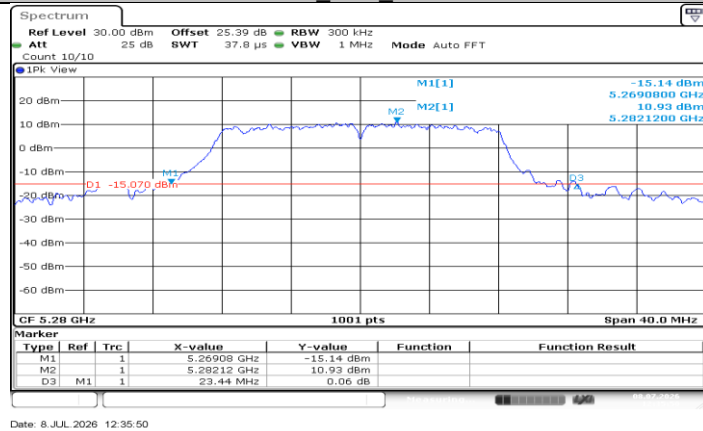
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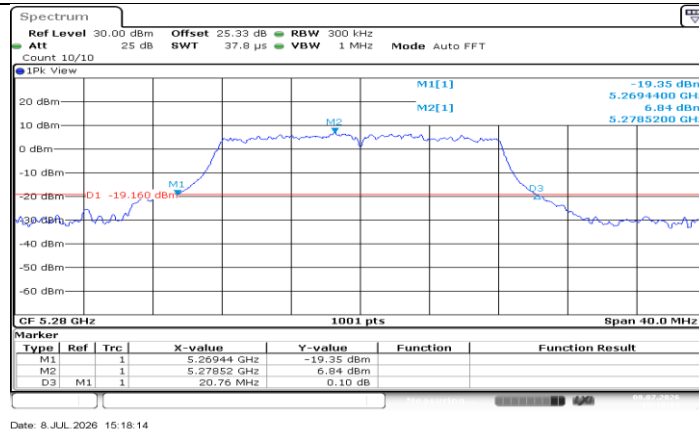
11A_Ant1_5260



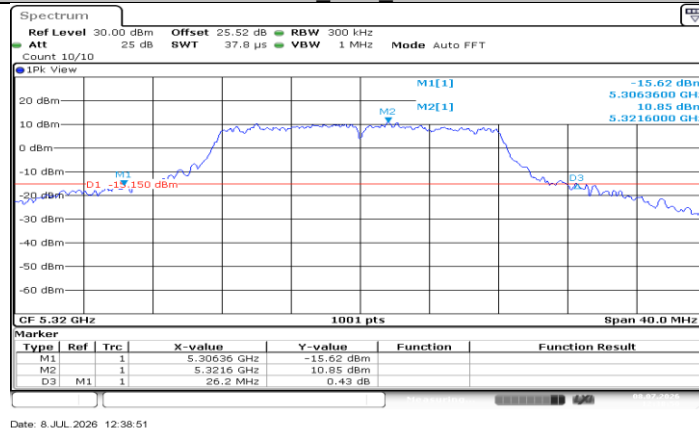
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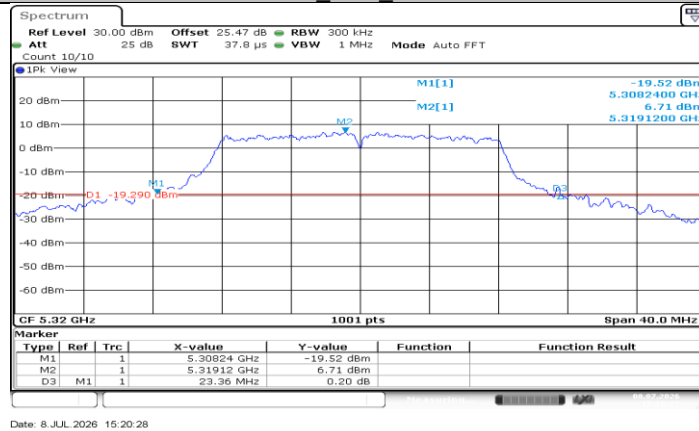
11A_Ant1_5280



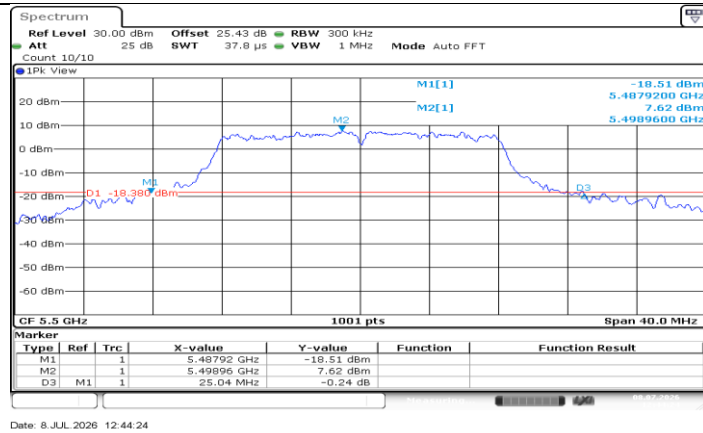
11A_Ant2_5280



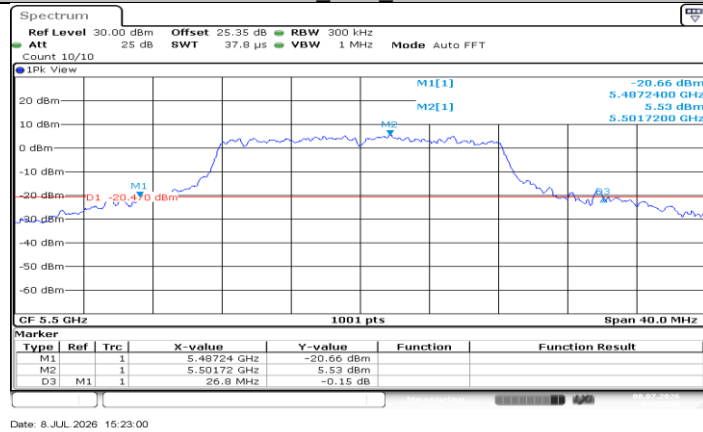
11A_Ant1_5320



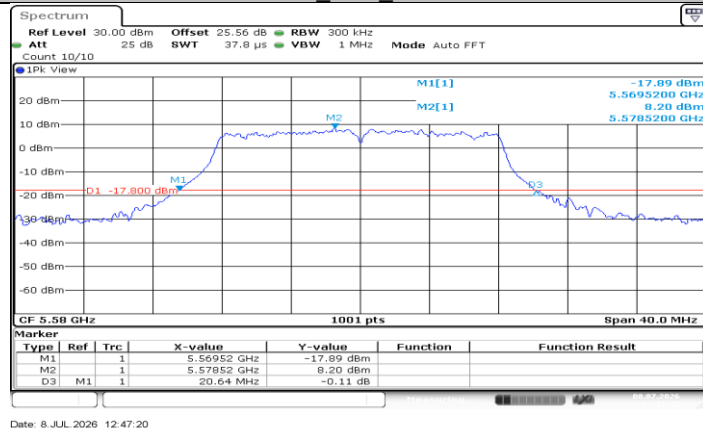
11A_Ant2_5320



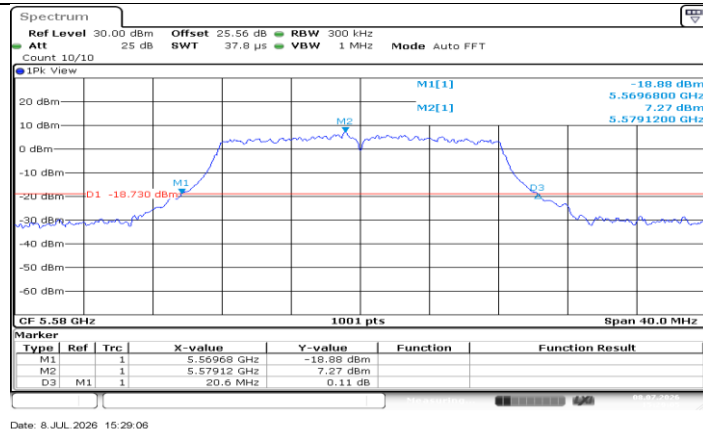
11A_Ant1_5500



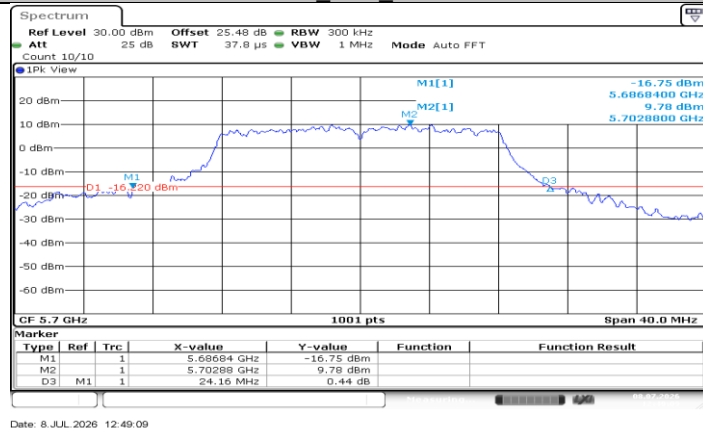
11A_Ant2_5500



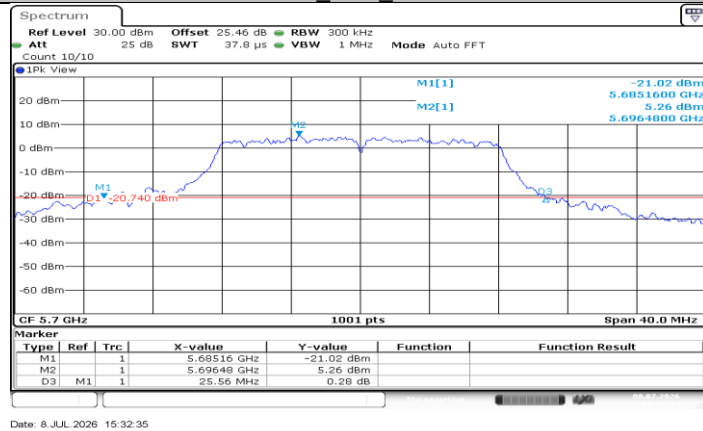
11A_Ant1_5580



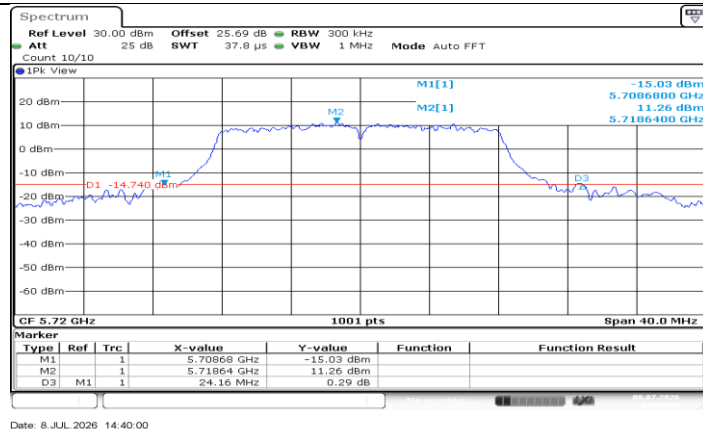
11A_Ant2_5580



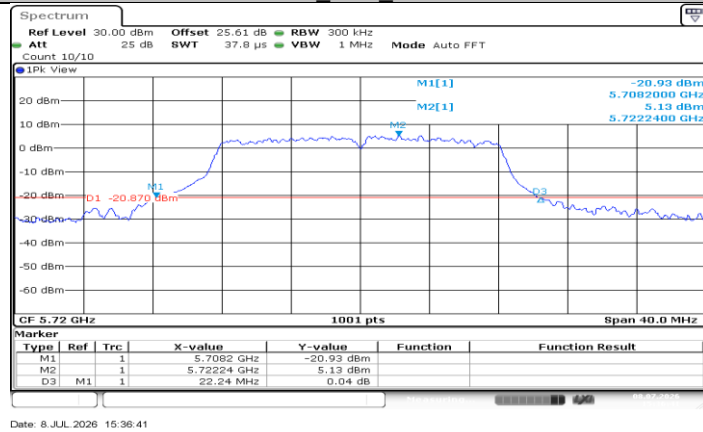
11A_Ant1_5700



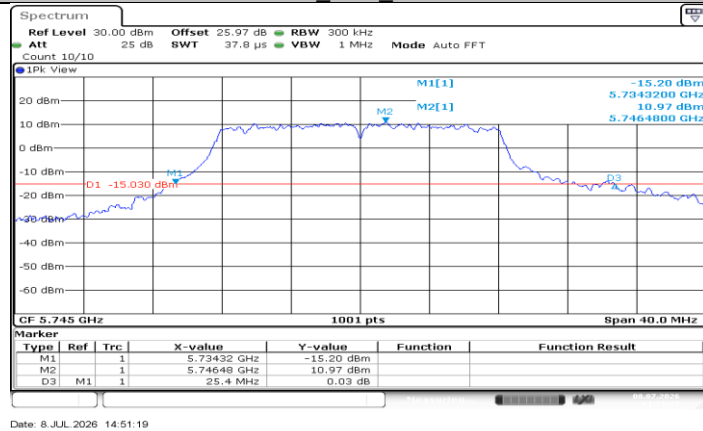
11A_Ant2_5700



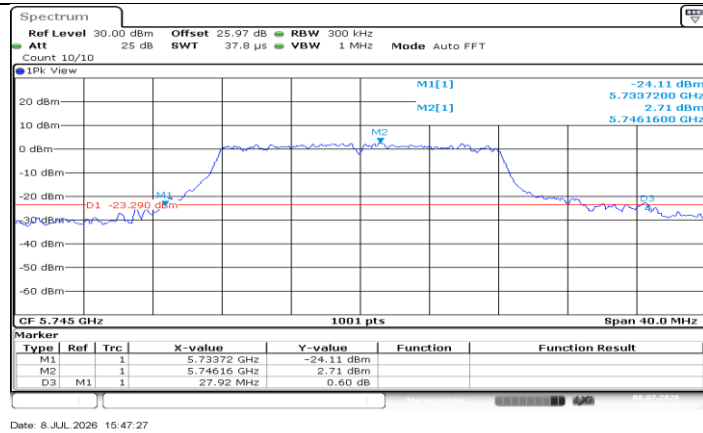
11A_Ant1_5720



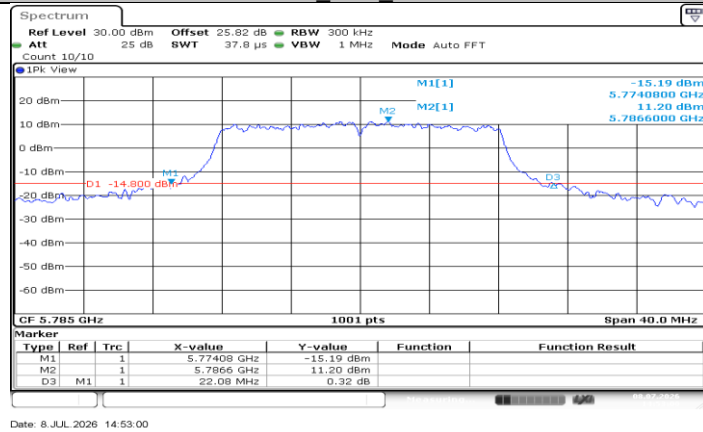
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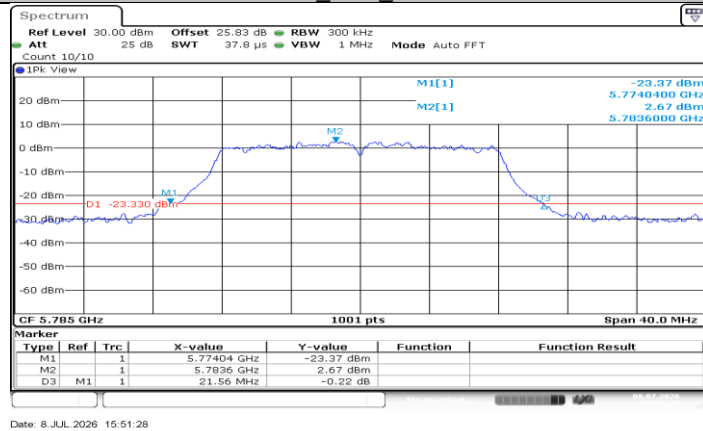
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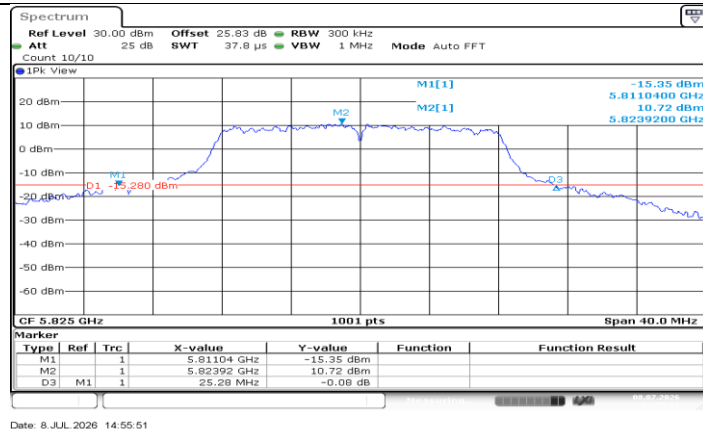
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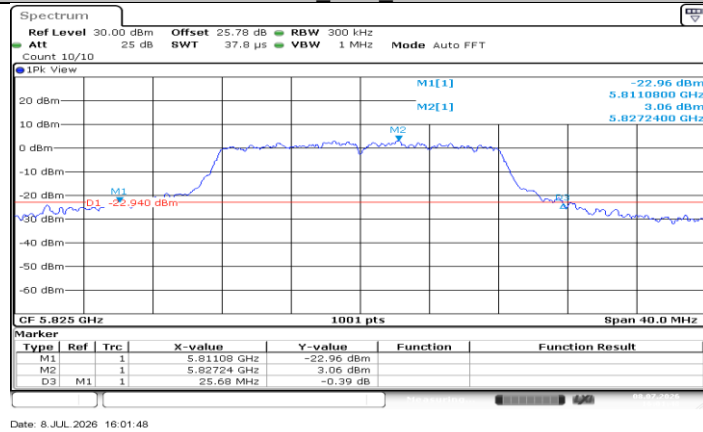
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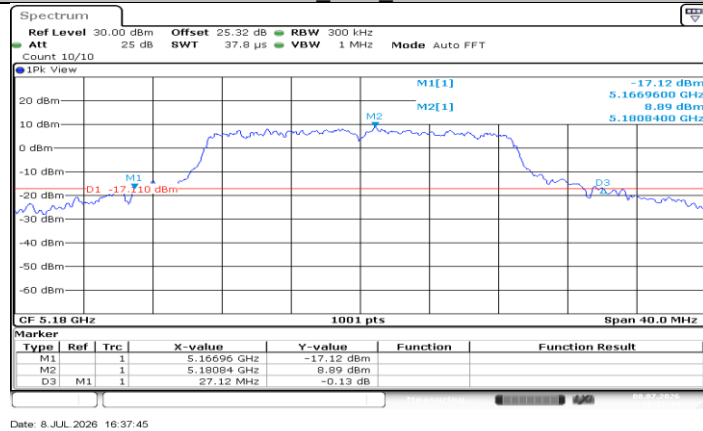
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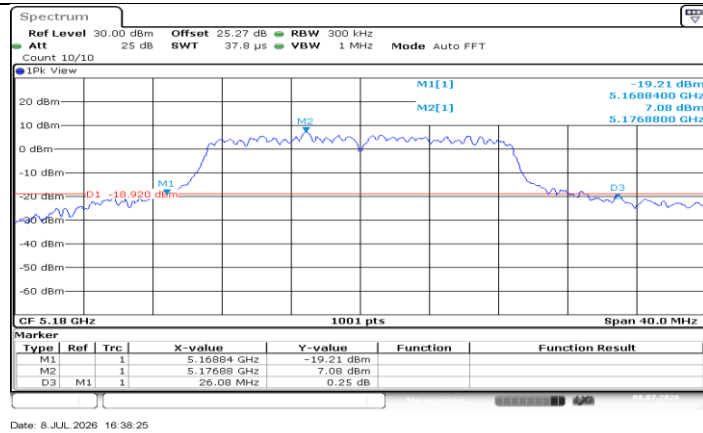
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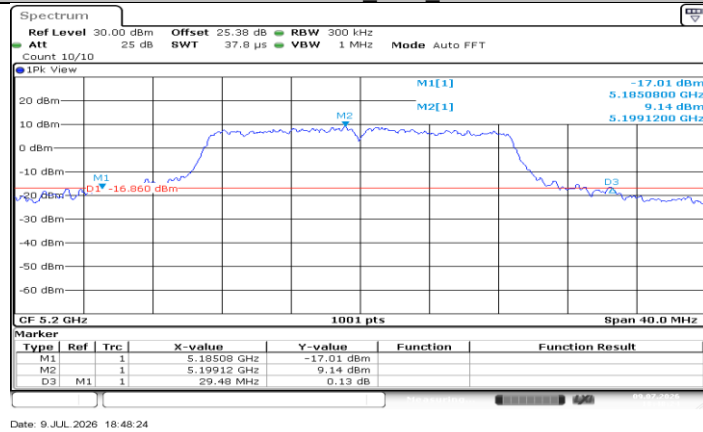
11A_Ant2_5825



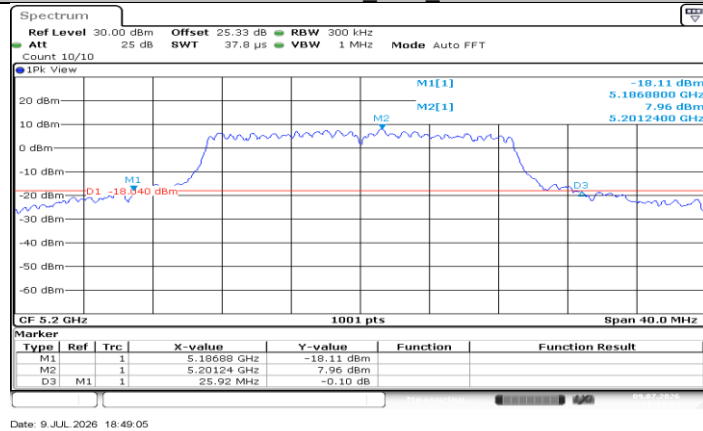
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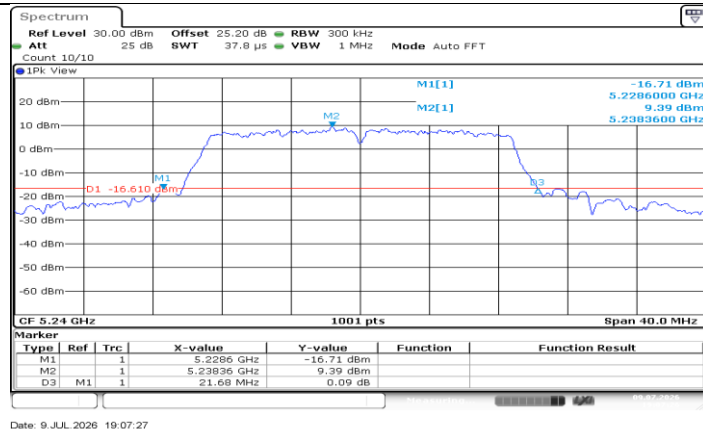
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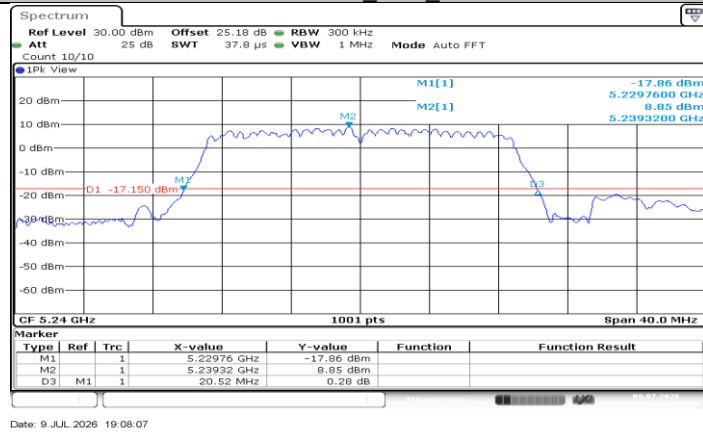
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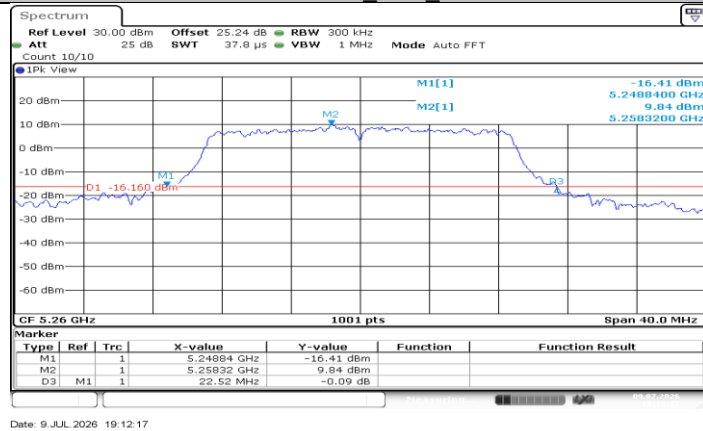
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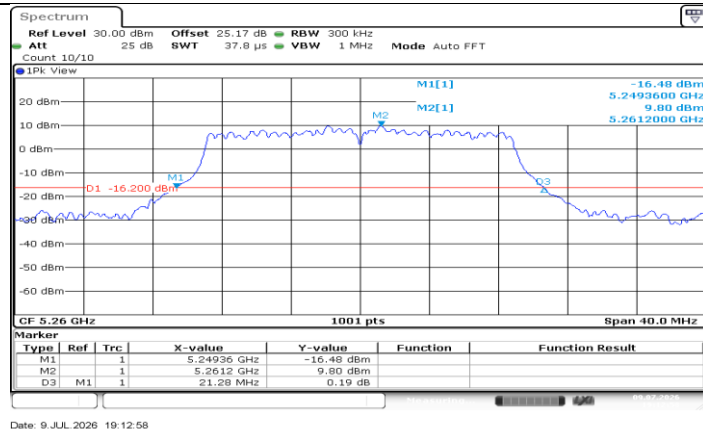
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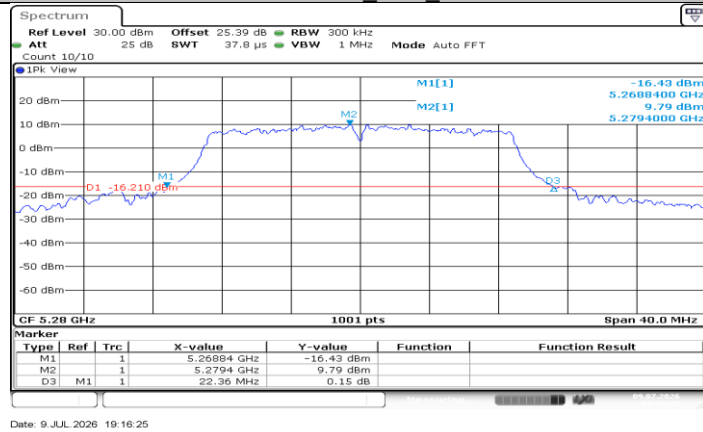
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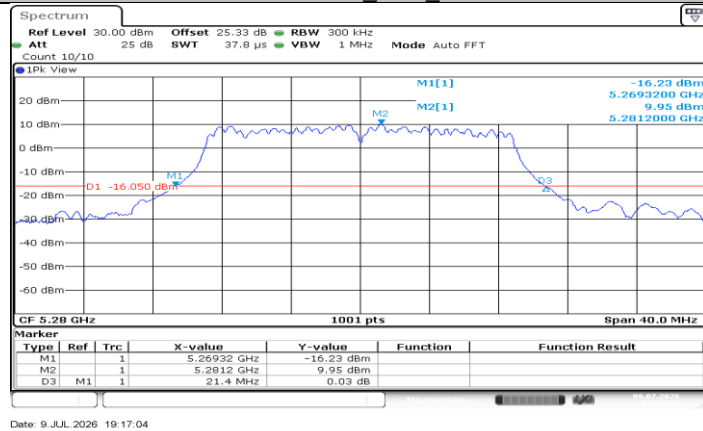
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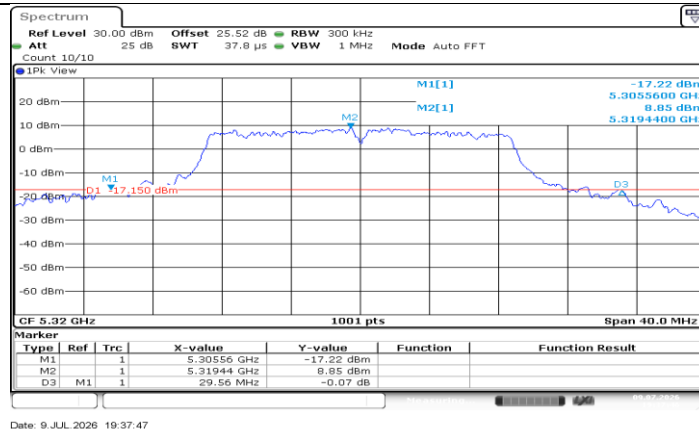
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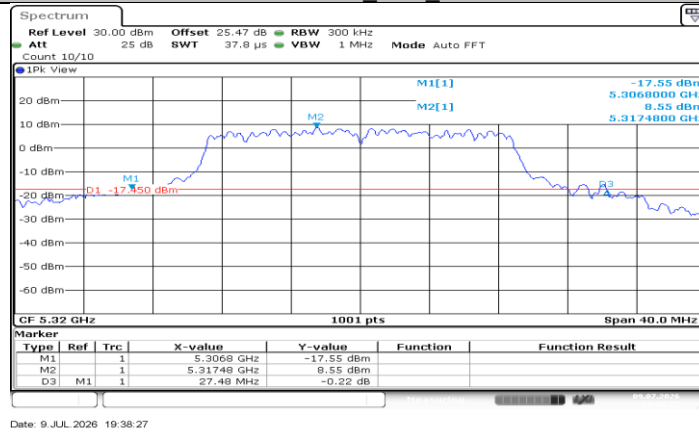
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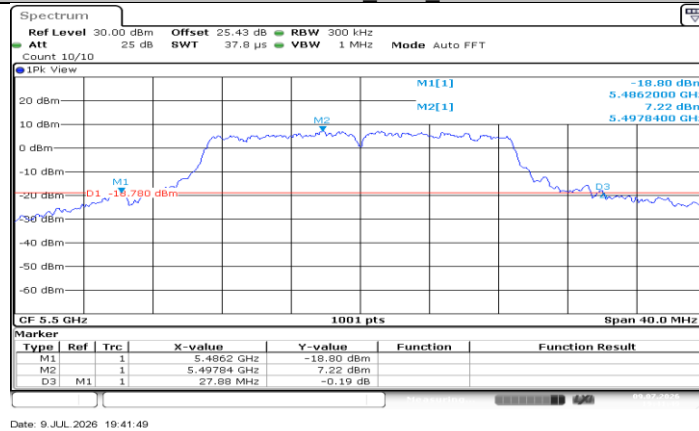
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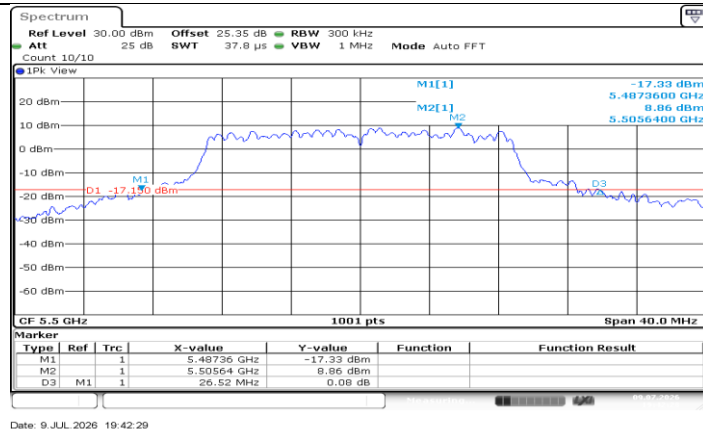
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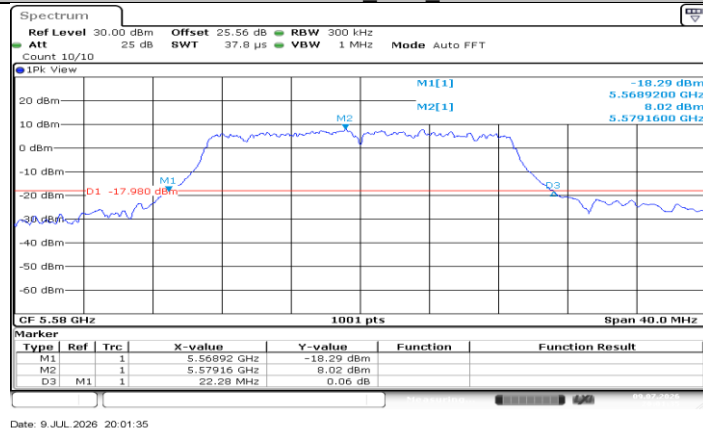
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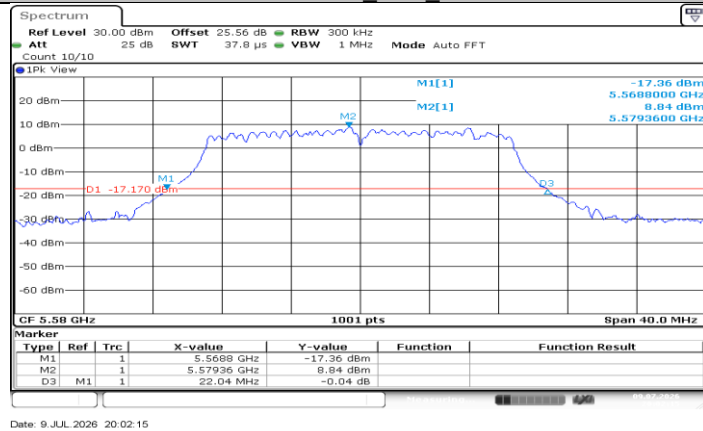
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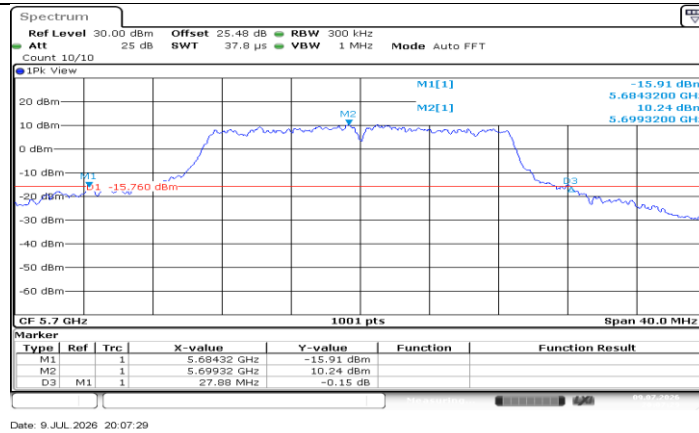
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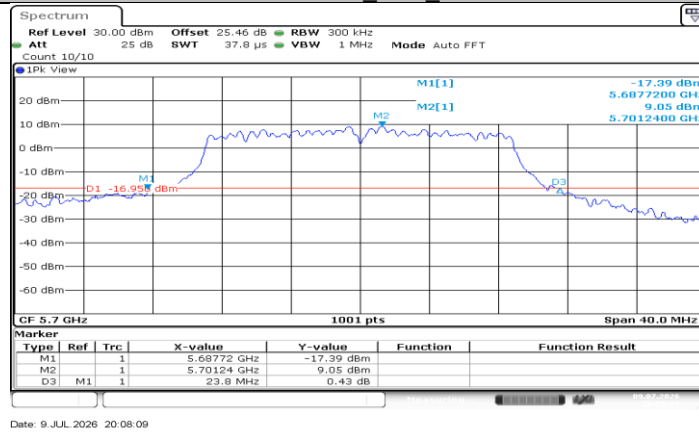
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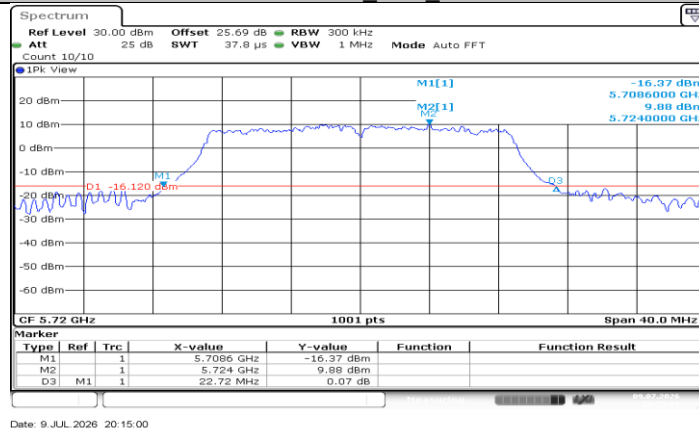
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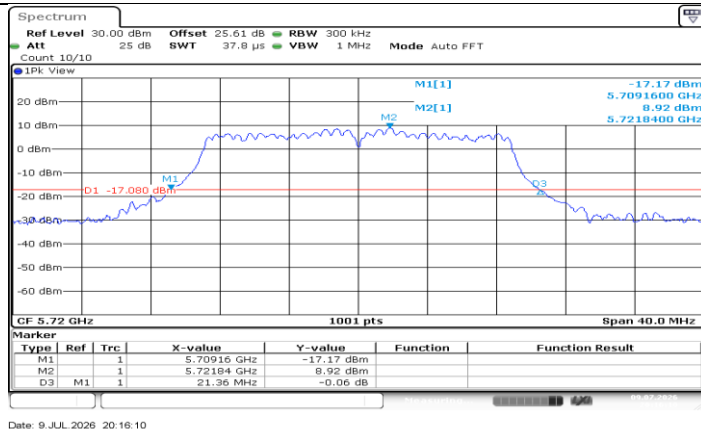
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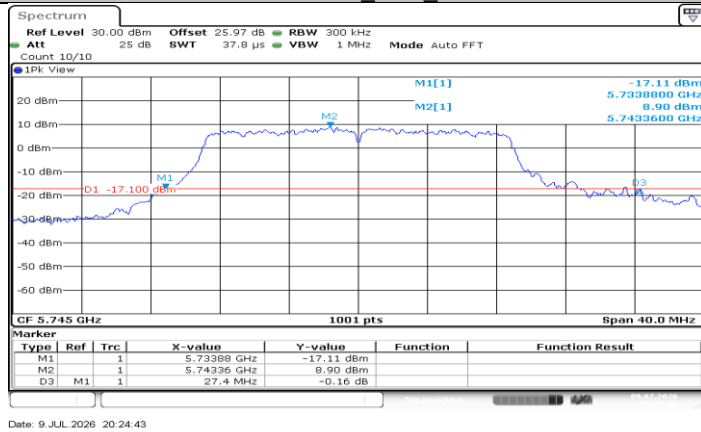
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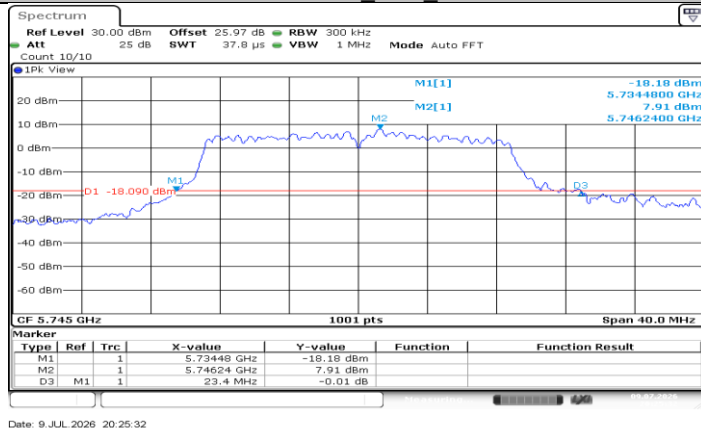
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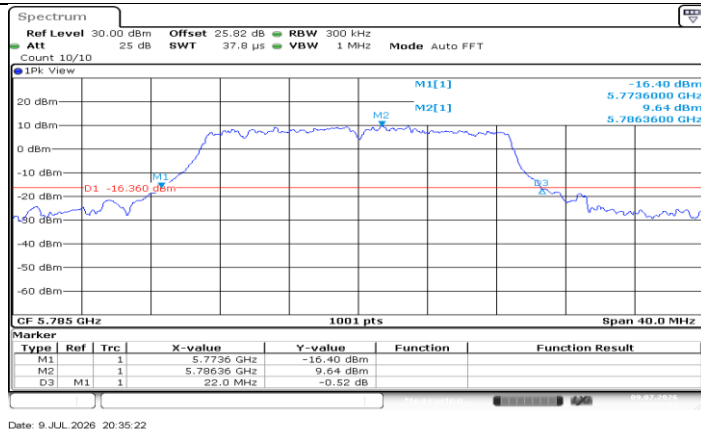
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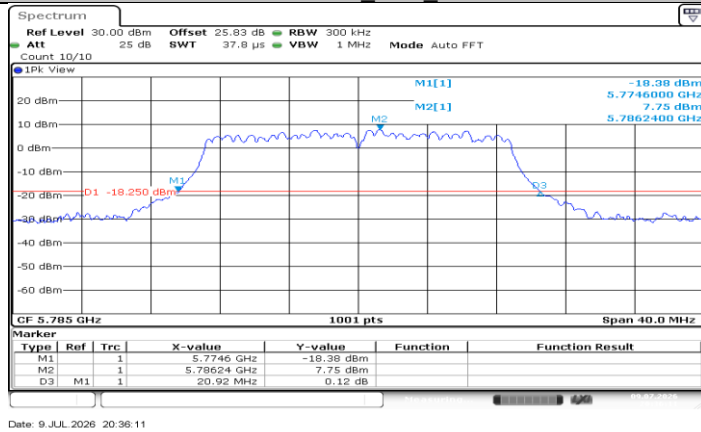
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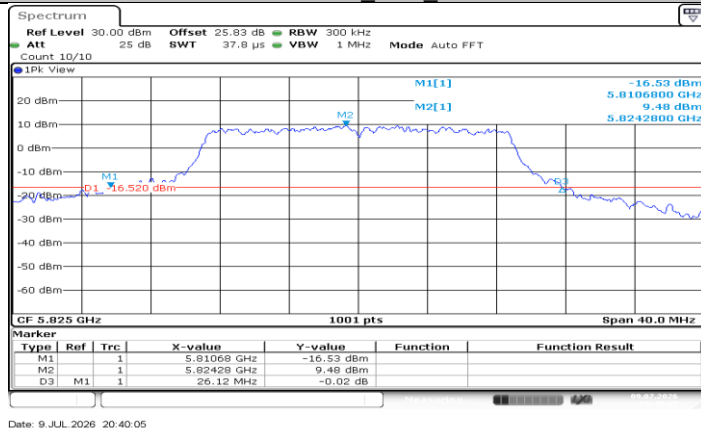
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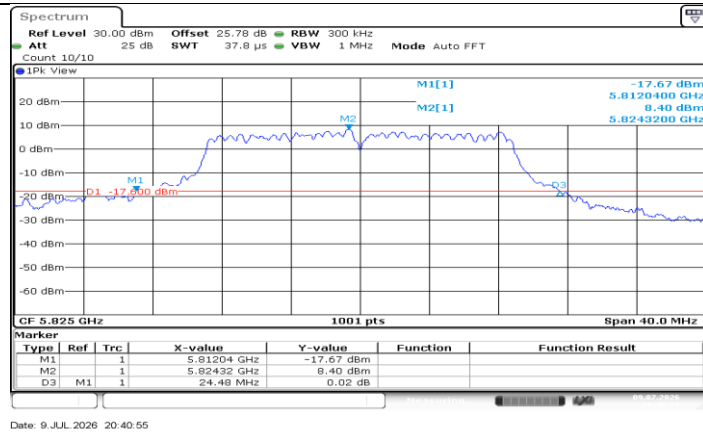
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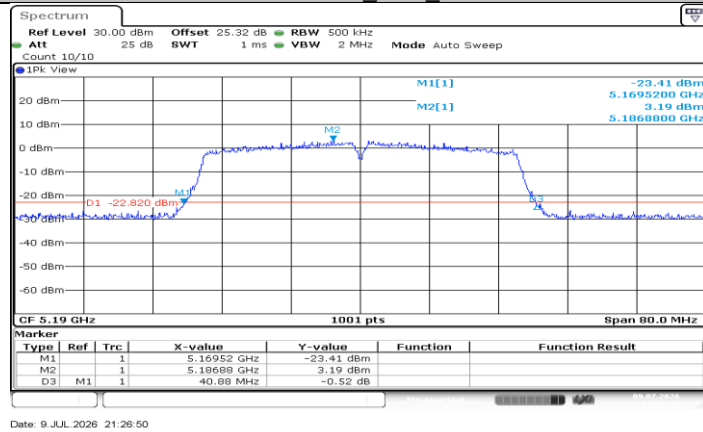
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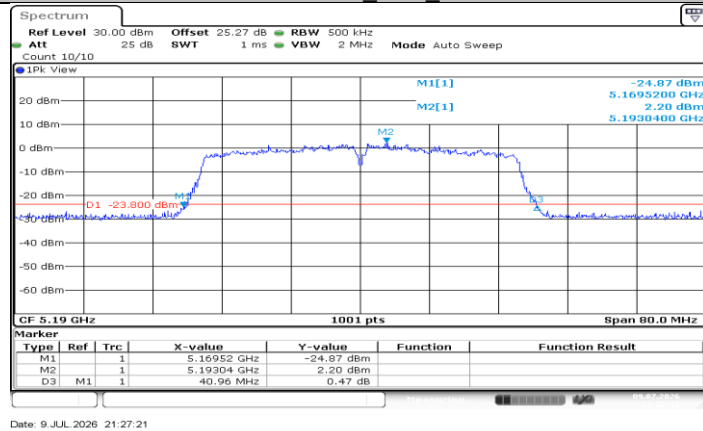
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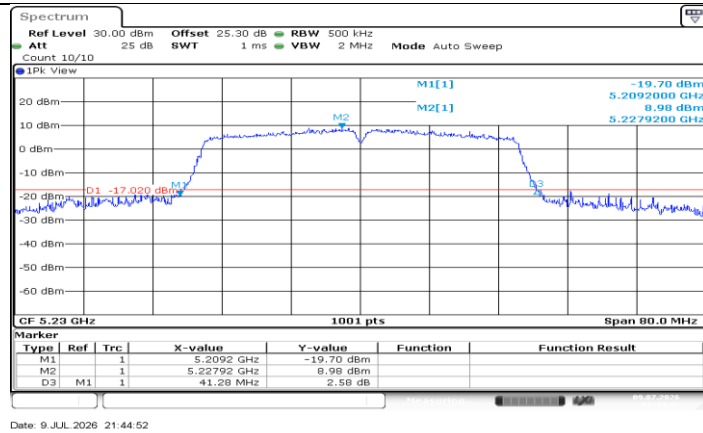
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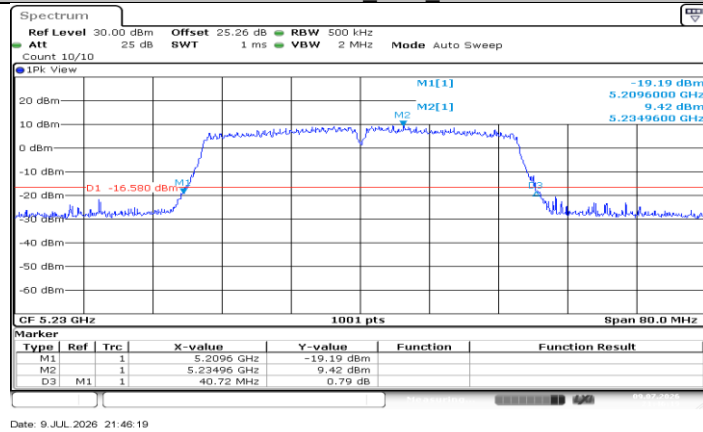
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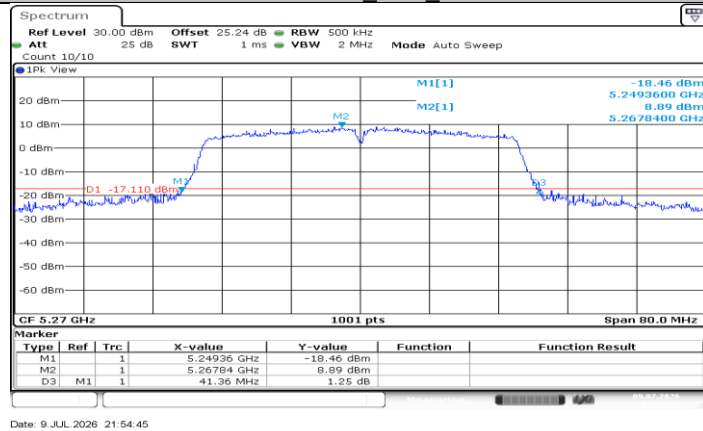
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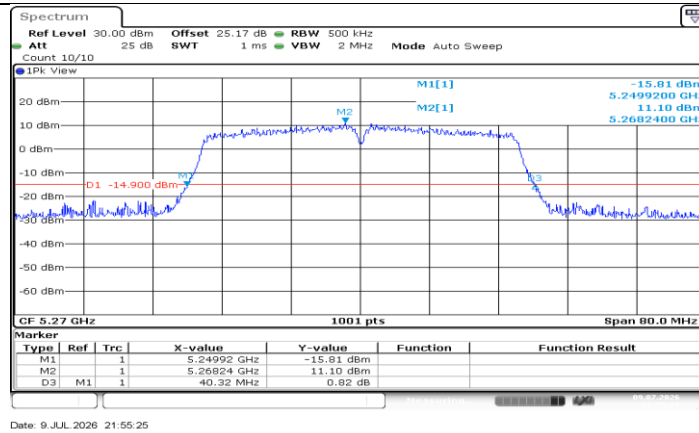
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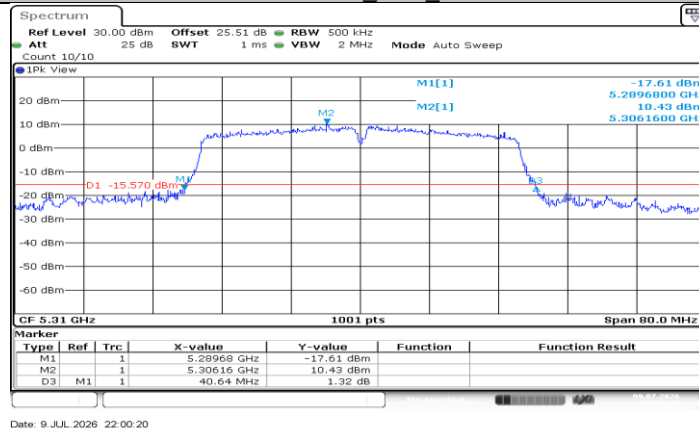
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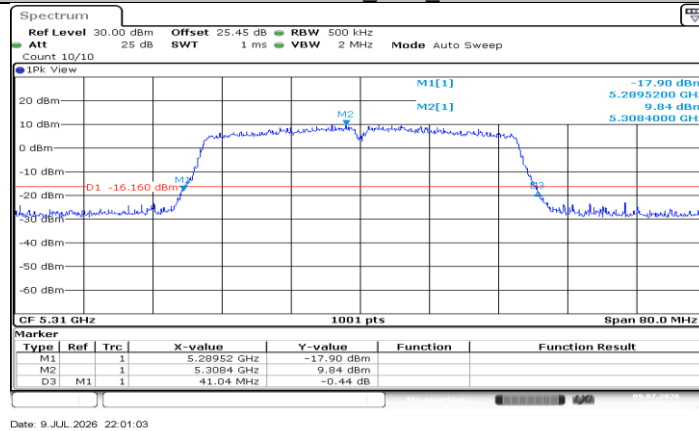
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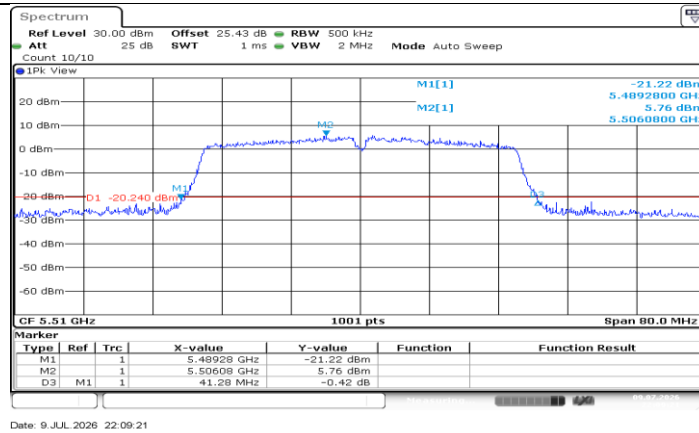
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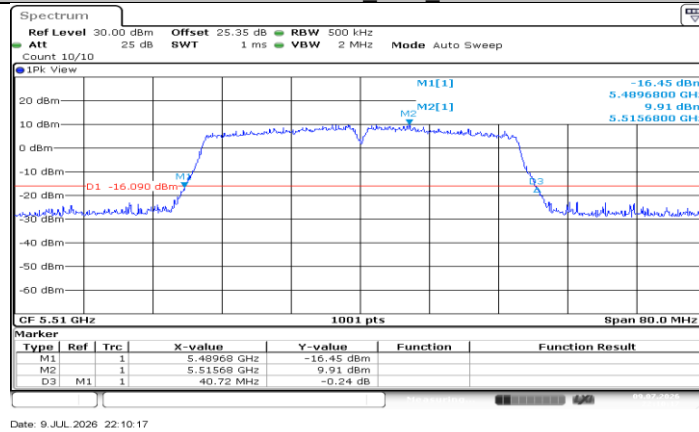
11N40MIMO_Ant1_5310



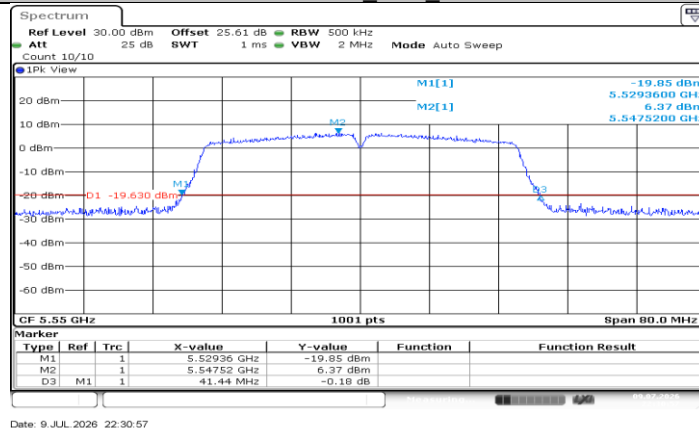
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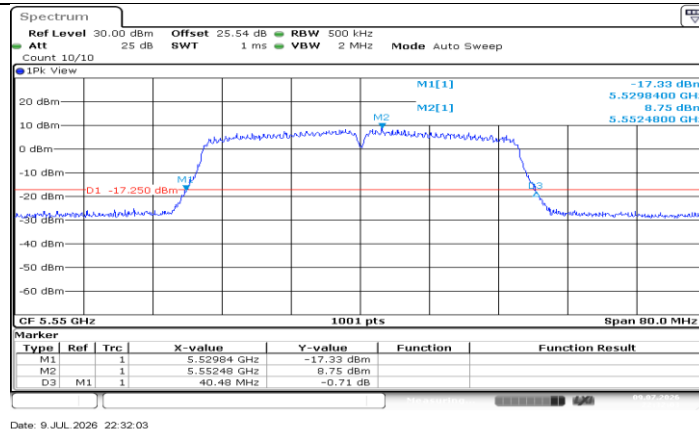
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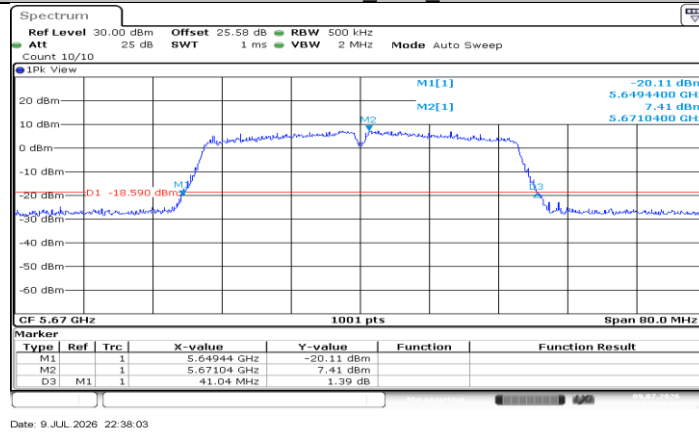
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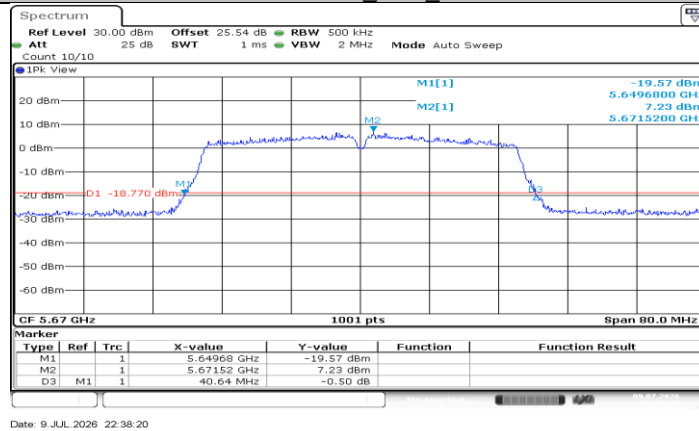
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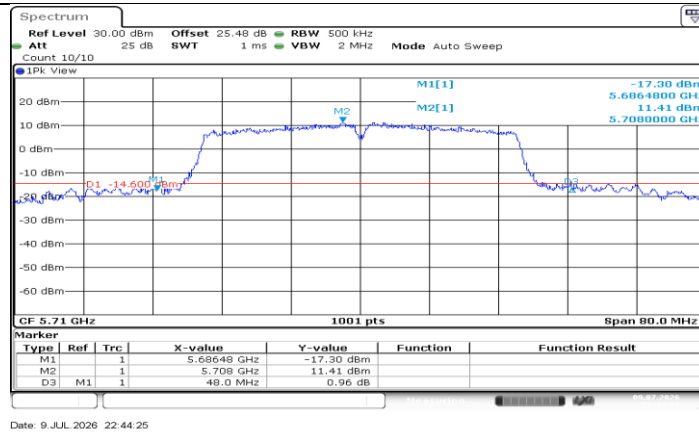
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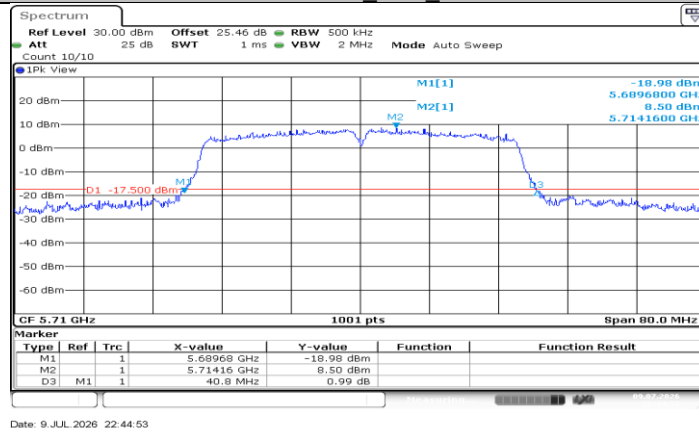
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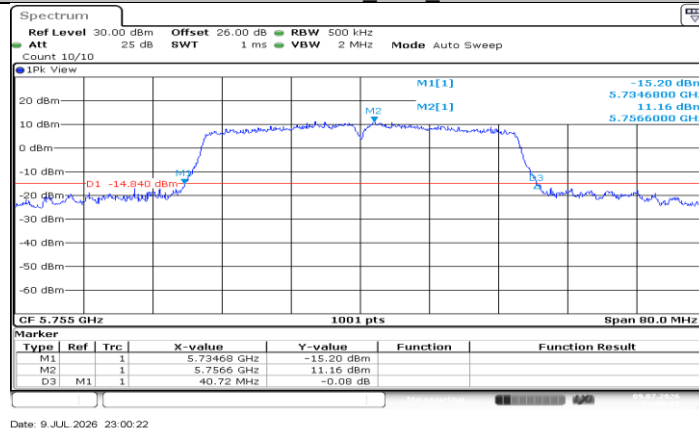
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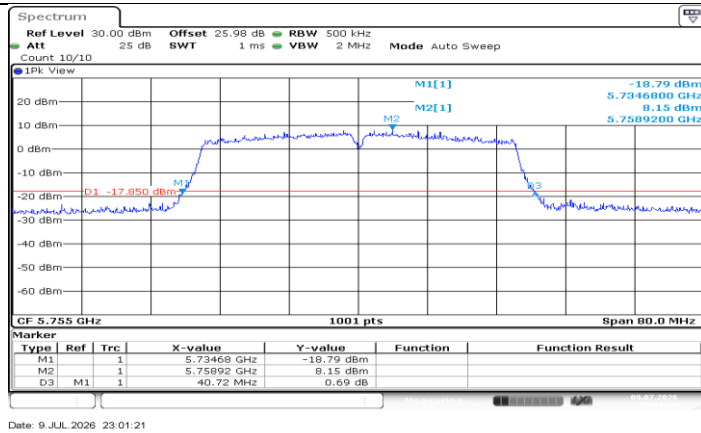
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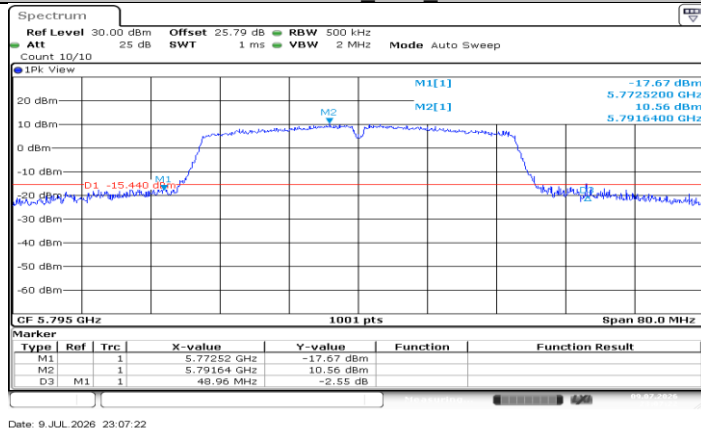
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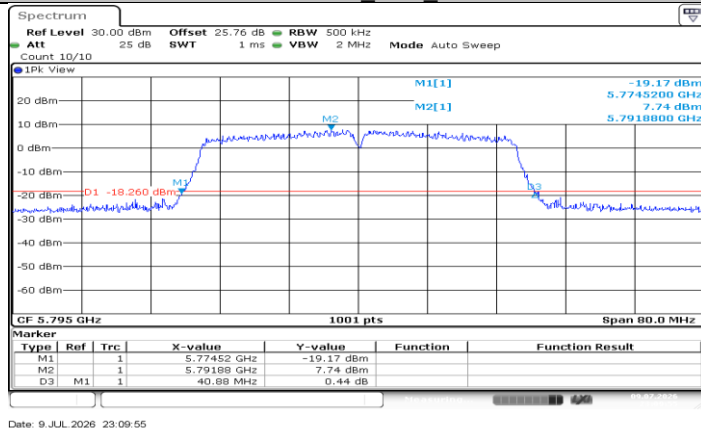
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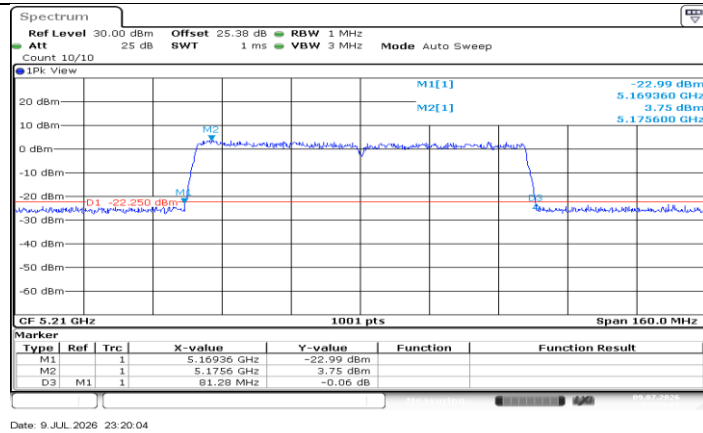
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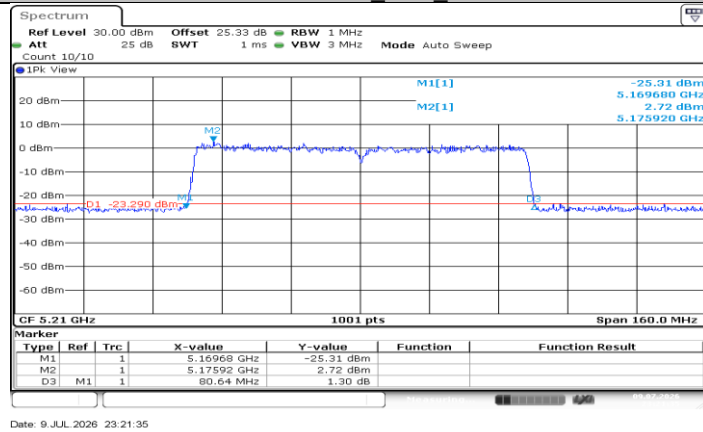
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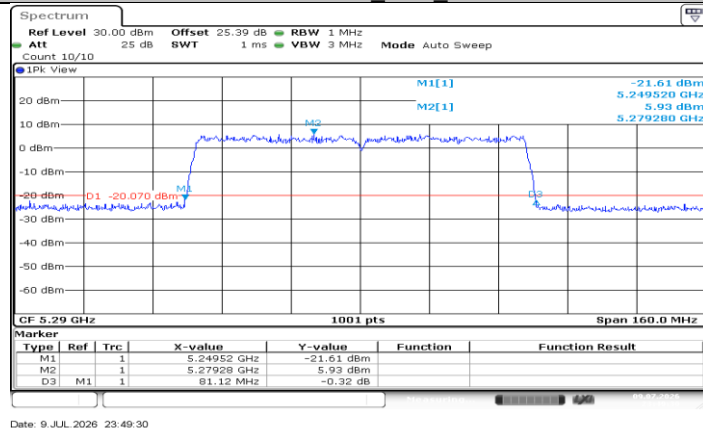
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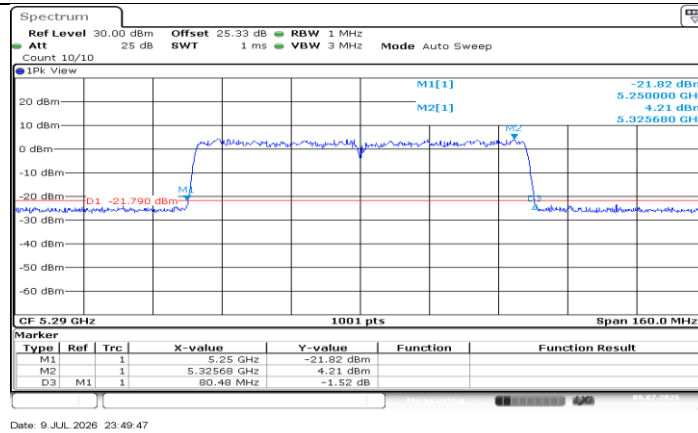
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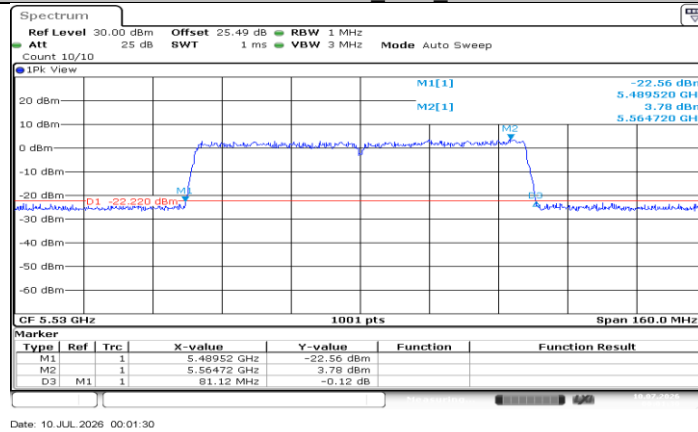
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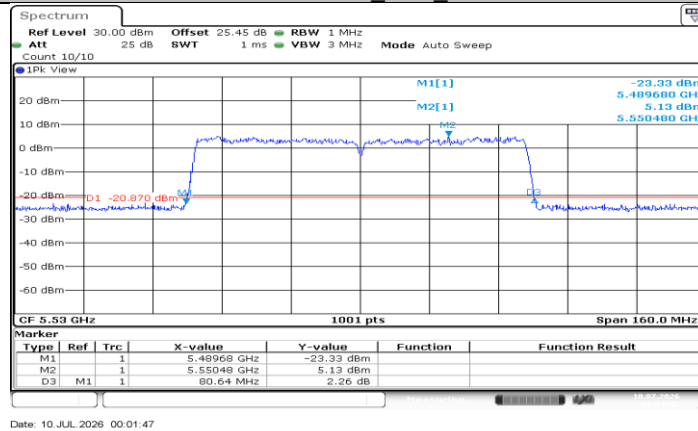
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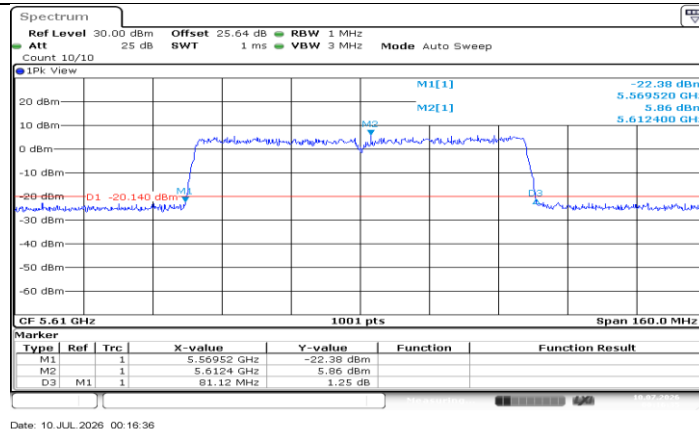
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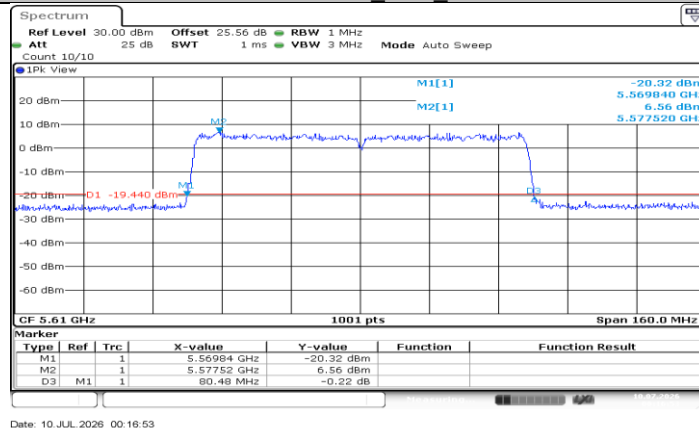
11AC80MIMO_Ant1_5530



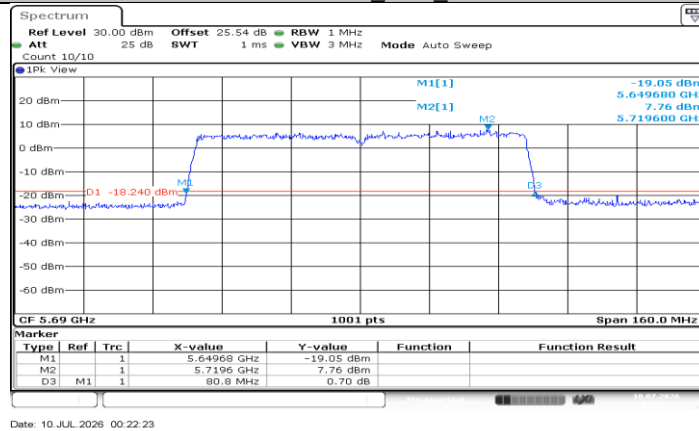
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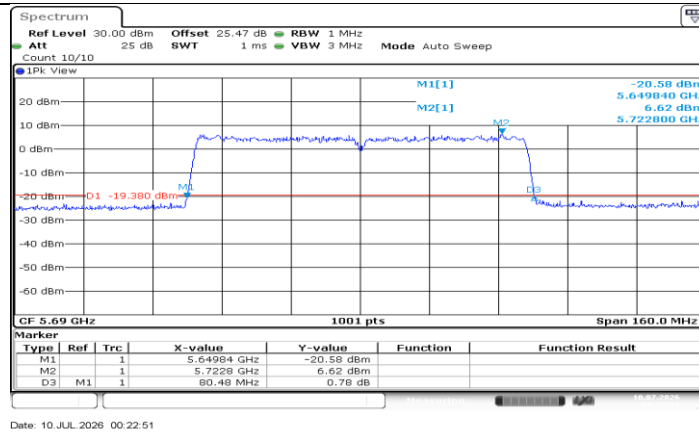
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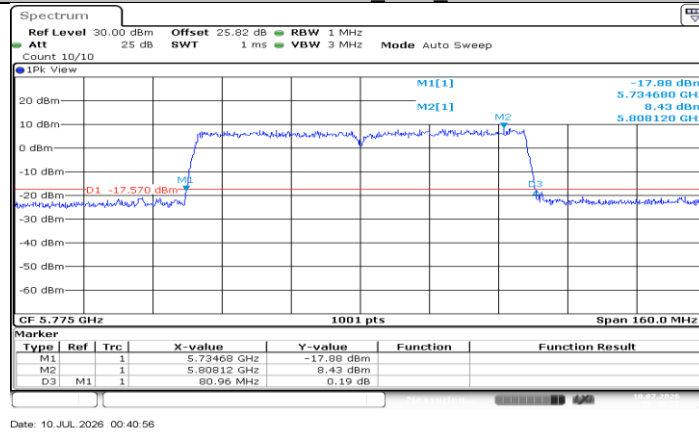
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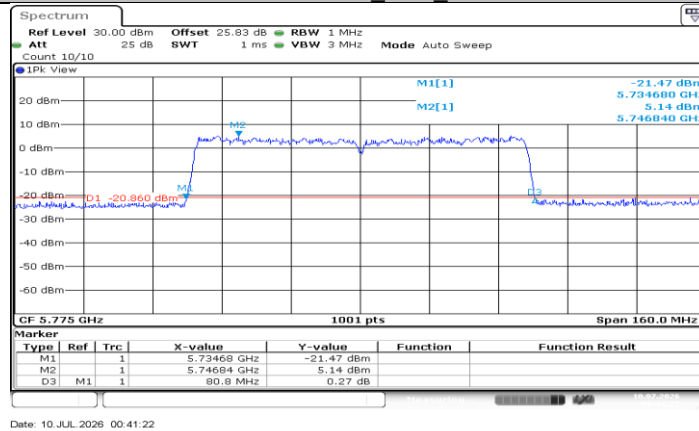
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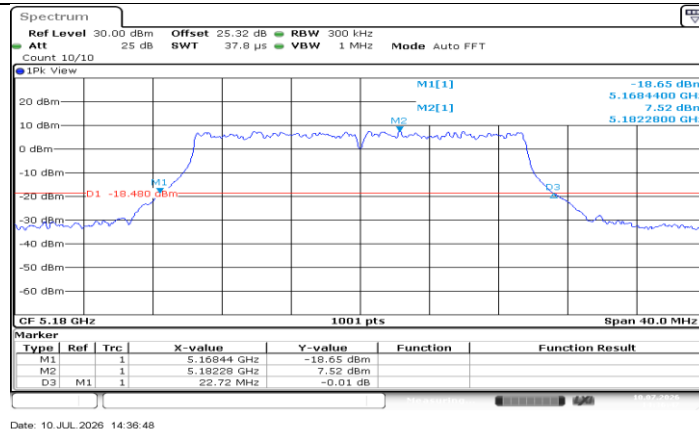
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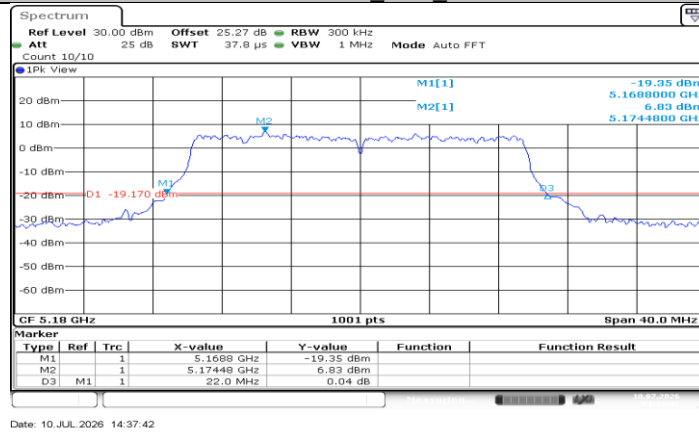
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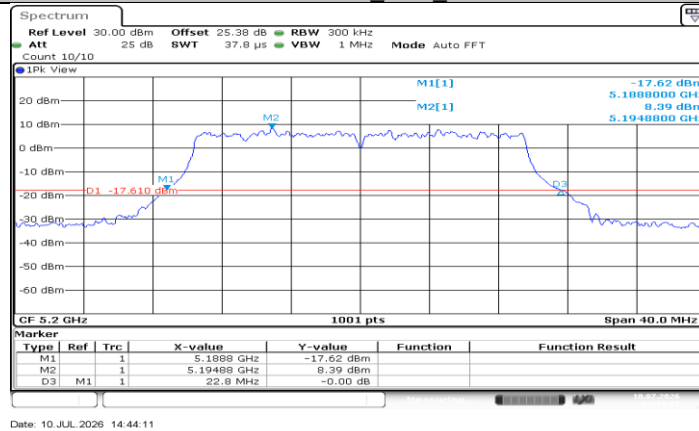
11AC80MIMO_Ant2_5775



11AX20MIMO_Ant1_5180



11AX20MIMO_Ant2_5180



11AX20MIMO_Ant1_5200