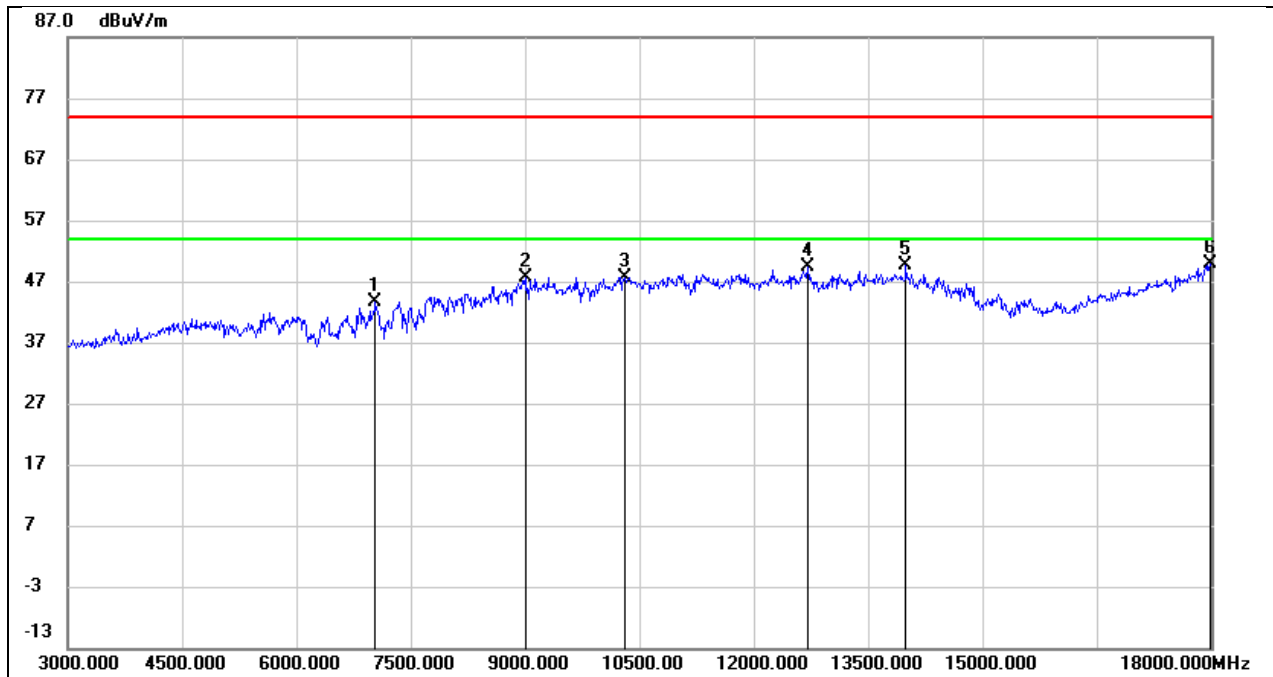
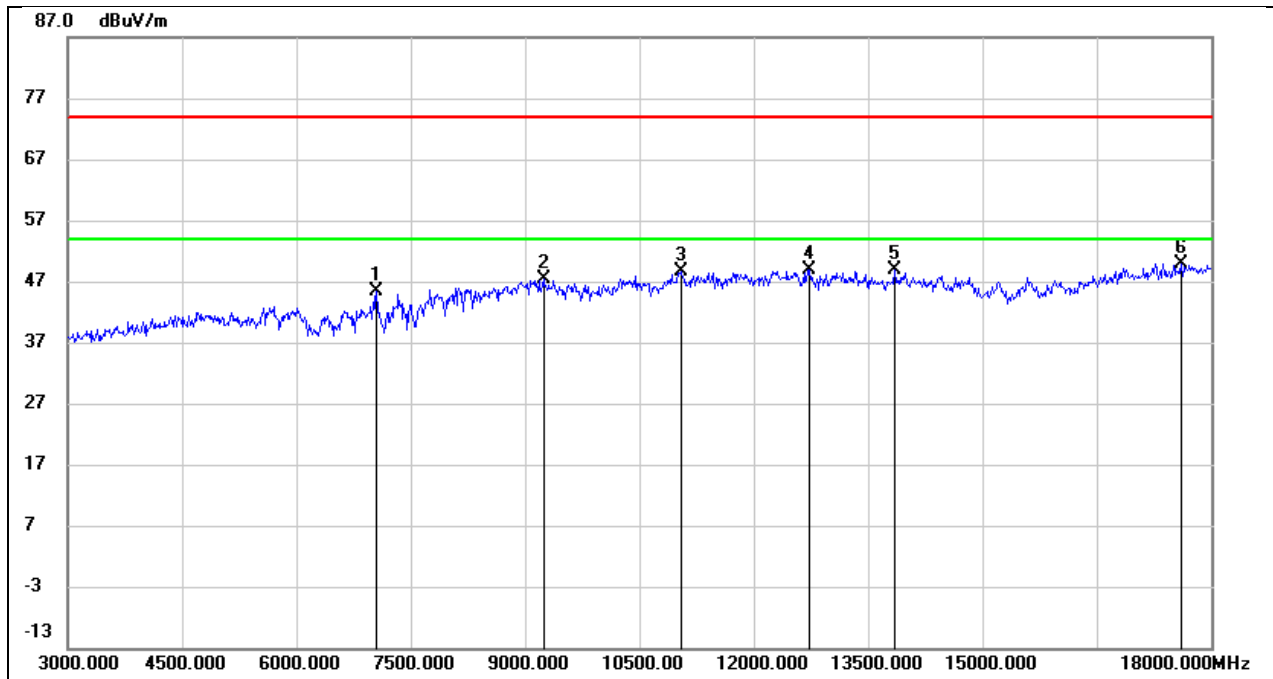


Test Mode:	SDR 60M	Frequency(MHz):	2432.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



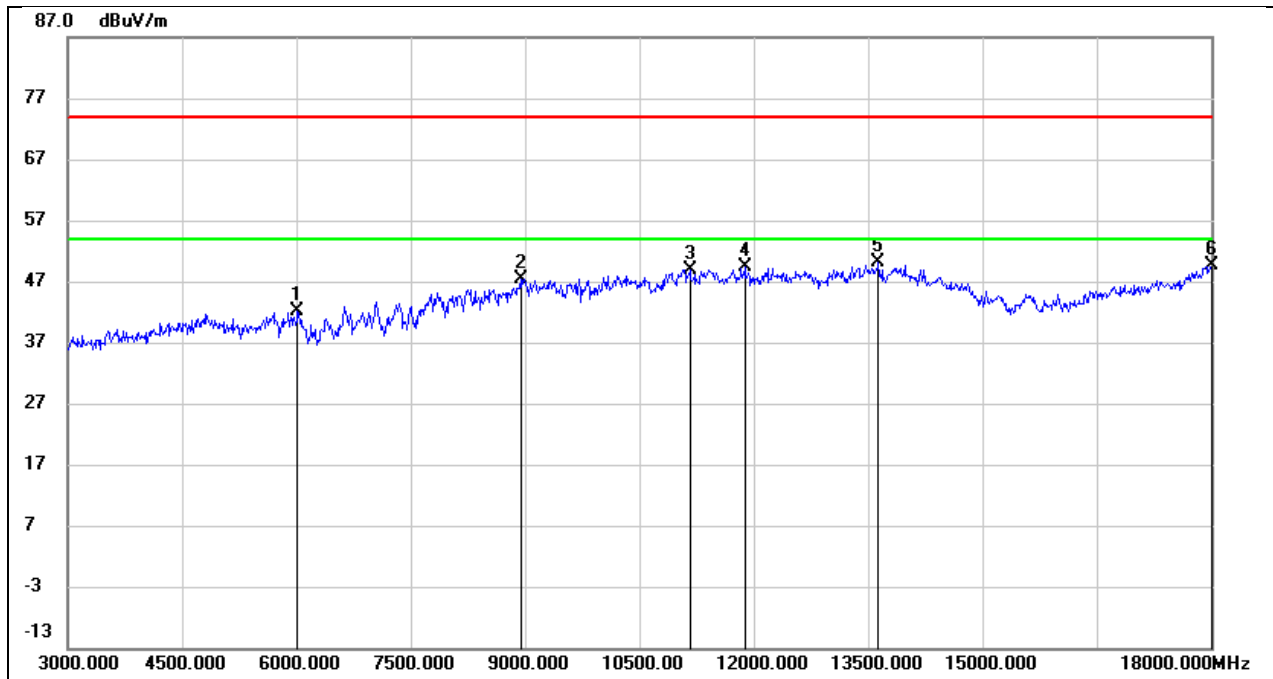
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7035.000	36.32	7.39	43.71	74.00	-30.29	peak
2	9000.000	36.31	11.27	47.58	74.00	-26.42	peak
3	10305.000	34.85	12.85	47.70	74.00	-26.30	peak
4	12705.000	31.04	18.30	49.34	74.00	-24.66	peak
5	13995.000	26.92	22.66	49.58	74.00	-24.42	peak
6	17985.000	21.66	28.25	49.91	74.00	-24.09	peak

Test Mode:	SDR 60M	Frequency(MHz):	2432.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



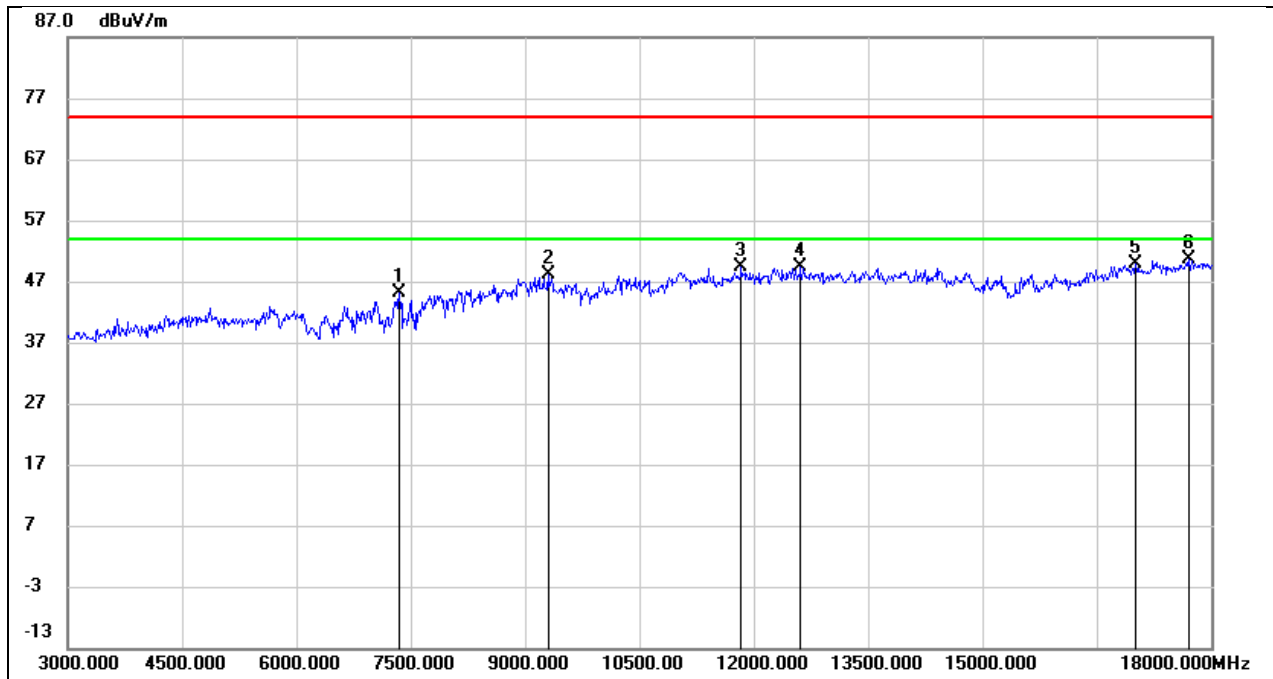
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7050.000	37.24	8.16	45.40	74.00	-28.60	peak
2	9240.000	36.92	10.41	47.33	74.00	-26.67	peak
3	11040.000	34.51	14.04	48.55	74.00	-25.45	peak
4	12735.000	31.53	17.38	48.91	74.00	-25.09	peak
5	13845.000	27.88	20.88	48.76	74.00	-25.24	peak
6	17610.000	25.16	24.73	49.89	74.00	-24.11	peak

Test Mode:	SDR 60M	Frequency(MHz):	2437.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



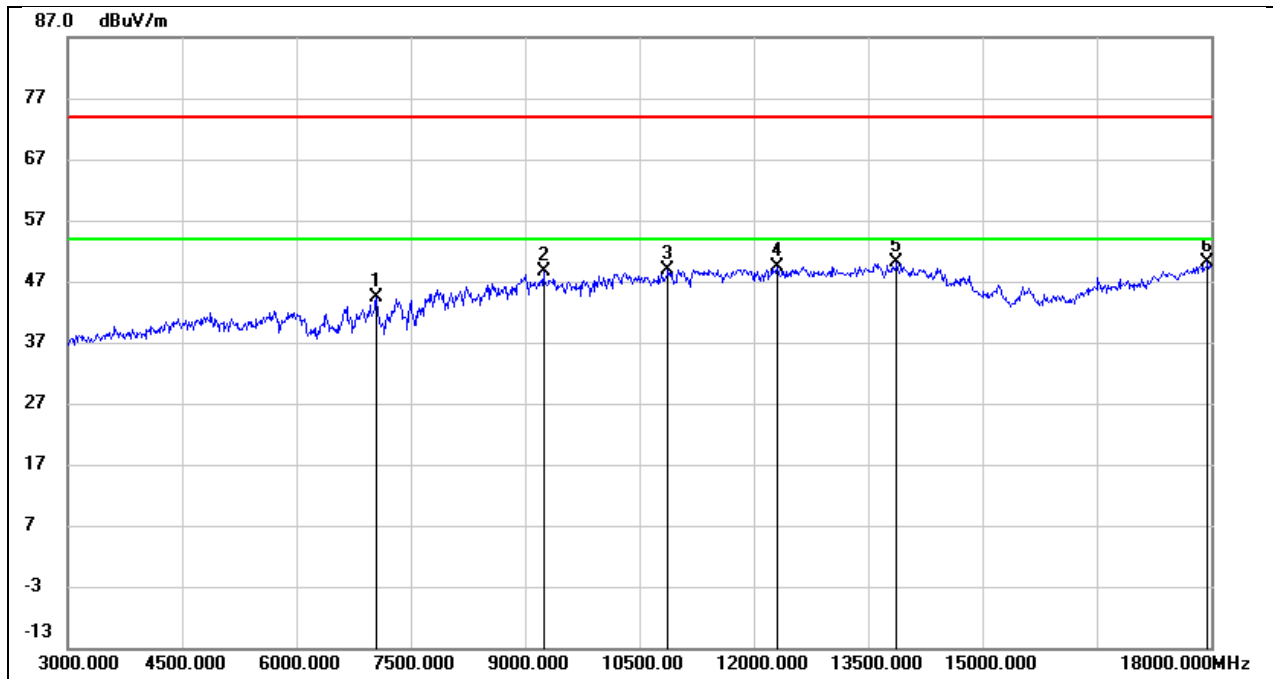
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6015.000	38.98	3.19	42.17	74.00	-31.83	peak
2	8940.000	37.02	10.45	47.47	74.00	-26.53	peak
3	11160.000	33.82	15.12	48.94	74.00	-25.06	peak
4	11880.000	31.99	17.45	49.44	74.00	-24.56	peak
5	13635.000	28.45	21.58	50.03	74.00	-23.97	peak
6	18000.000	21.29	28.33	49.62	74.00	-24.38	peak

Test Mode:	SDR 60M	Frequency(MHz):	2437.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



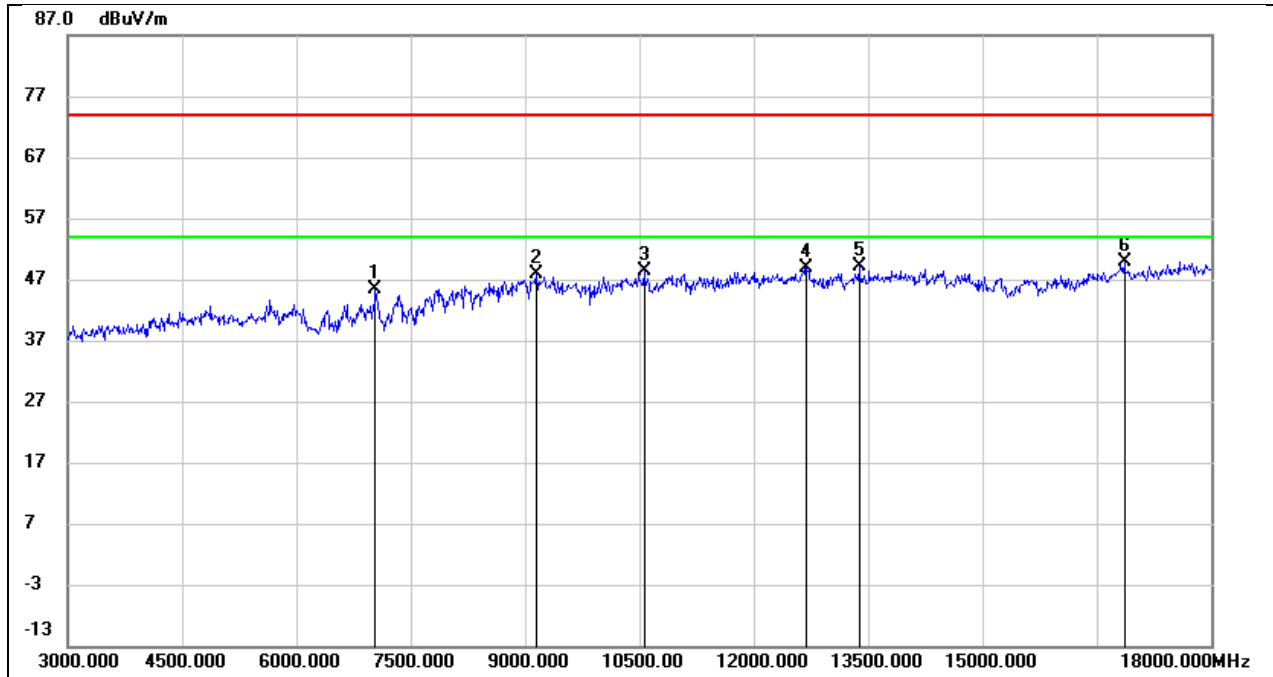
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7350.000	37.26	7.96	45.22	74.00	-28.78	peak
2	9300.000	37.56	10.49	48.05	74.00	-25.95	peak
3	11835.000	33.29	16.06	49.35	74.00	-24.65	peak
4	12615.000	32.35	16.98	49.33	74.00	-24.67	peak
5	17010.000	26.61	23.33	49.94	74.00	-24.06	peak
6	17700.000	25.26	25.31	50.57	74.00	-23.43	peak

Test Mode:	SDR 60M	Frequency(MHz):	2442.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7050.000	37.17	7.30	44.47	74.00	-29.53	peak
2	9240.000	38.48	10.20	48.68	74.00	-25.32	peak
3	10875.000	34.80	14.16	48.96	74.00	-25.04	peak
4	12300.000	31.28	18.17	49.45	74.00	-24.55	peak
5	13875.000	27.71	22.53	50.24	74.00	-23.76	peak
6	17955.000	21.97	28.09	50.06	74.00	-23.94	peak

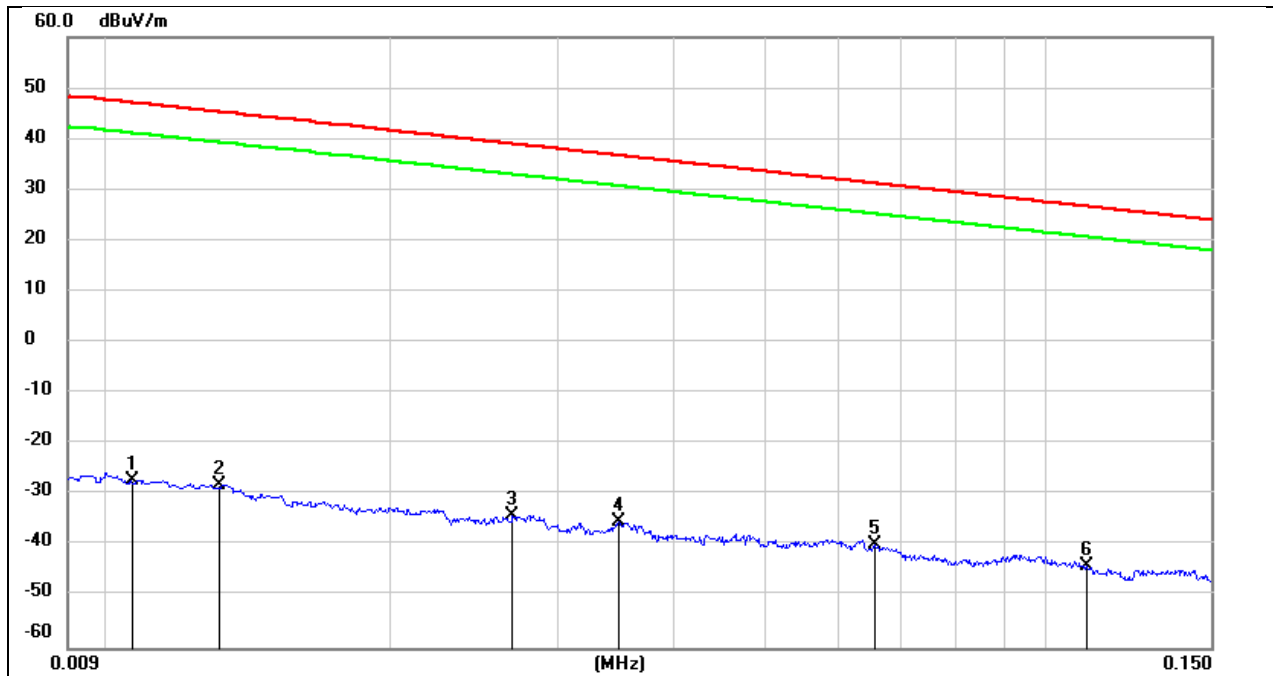
Test Mode:	SDR 60M	Frequency(MHz):	2442.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7035.000	37.16	8.26	45.42	74.00	-28.58	peak
2	9150.000	37.09	10.68	47.77	74.00	-26.23	peak
3	10560.000	35.13	13.30	48.43	74.00	-25.57	peak
4	12690.000	31.75	17.22	48.97	74.00	-25.03	peak
5	13380.000	29.56	19.45	49.01	74.00	-24.99	peak
6	16860.000	26.77	23.17	49.94	74.00	-24.06	peak

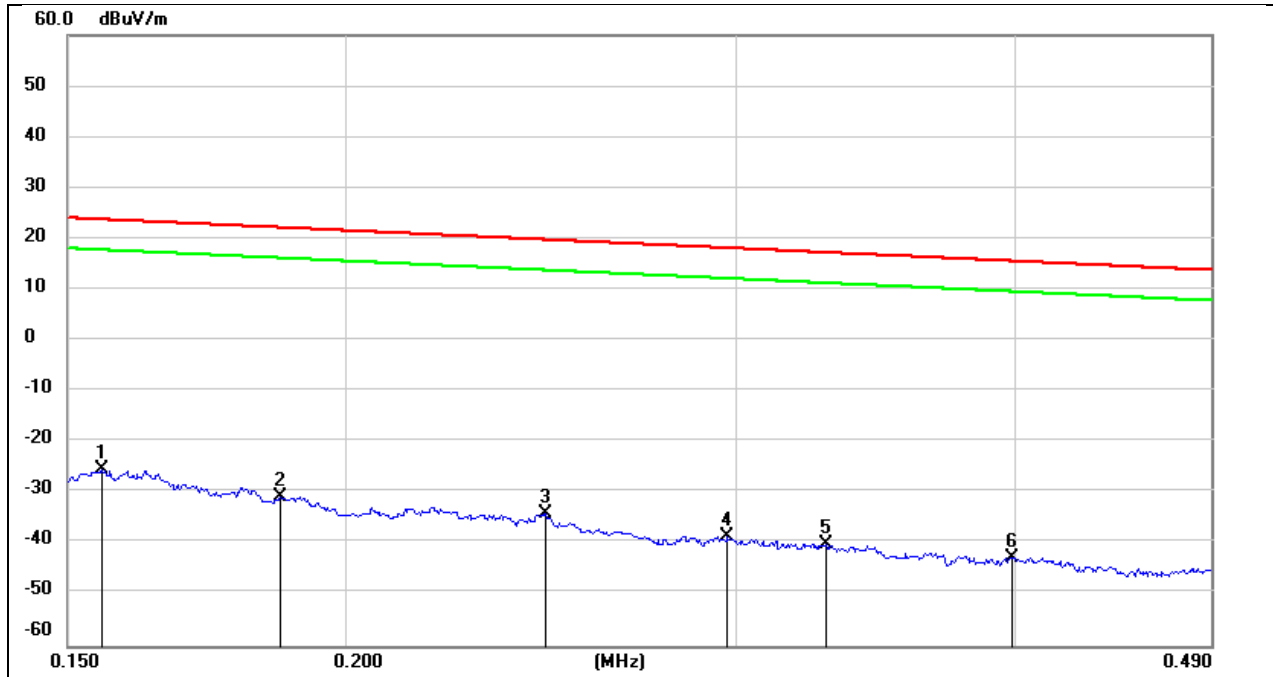
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



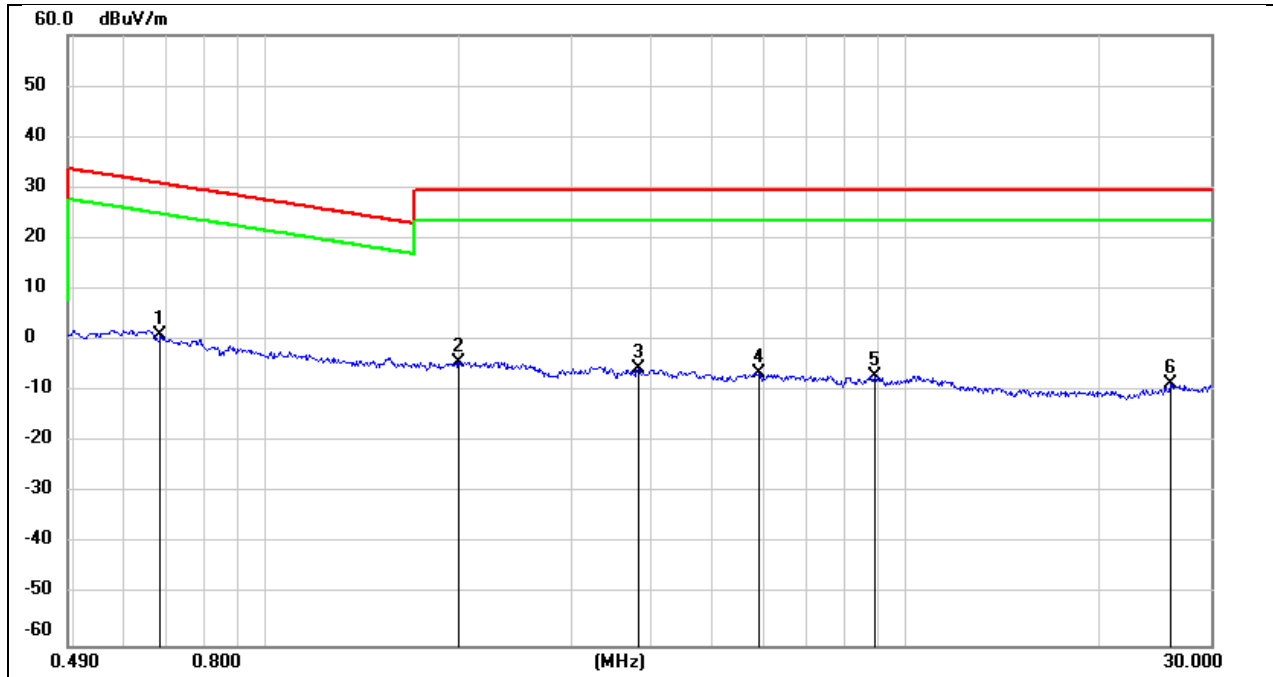
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Remark
1	0.0106	74.38	-101.39	-27.01	47.09	-74.10	peak
2	0.0131	73.47	-101.38	-27.91	45.25	-73.16	peak
3	0.0269	67.35	-101.38	-34.03	39.01	-73.04	peak
4	0.0349	66.03	-101.41	-35.38	36.75	-72.13	peak
5	0.0656	61.86	-101.55	-39.69	31.26	-70.95	peak
6	0.1102	57.81	-101.77	-43.96	26.76	-70.72	peak

Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Remark
1	0.1554	76.27	-101.65	-25.38	23.77	-49.15	peak
2	0.1869	71.04	-101.70	-30.66	22.17	-52.83	peak
3	0.2462	67.77	-101.80	-34.03	19.78	-53.81	peak
4	0.2972	63.16	-101.85	-38.69	18.14	-56.83	peak
5	0.3286	61.71	-101.88	-40.17	17.27	-57.44	peak
6	0.3986	59.25	-101.96	-42.71	15.59	-58.30	peak

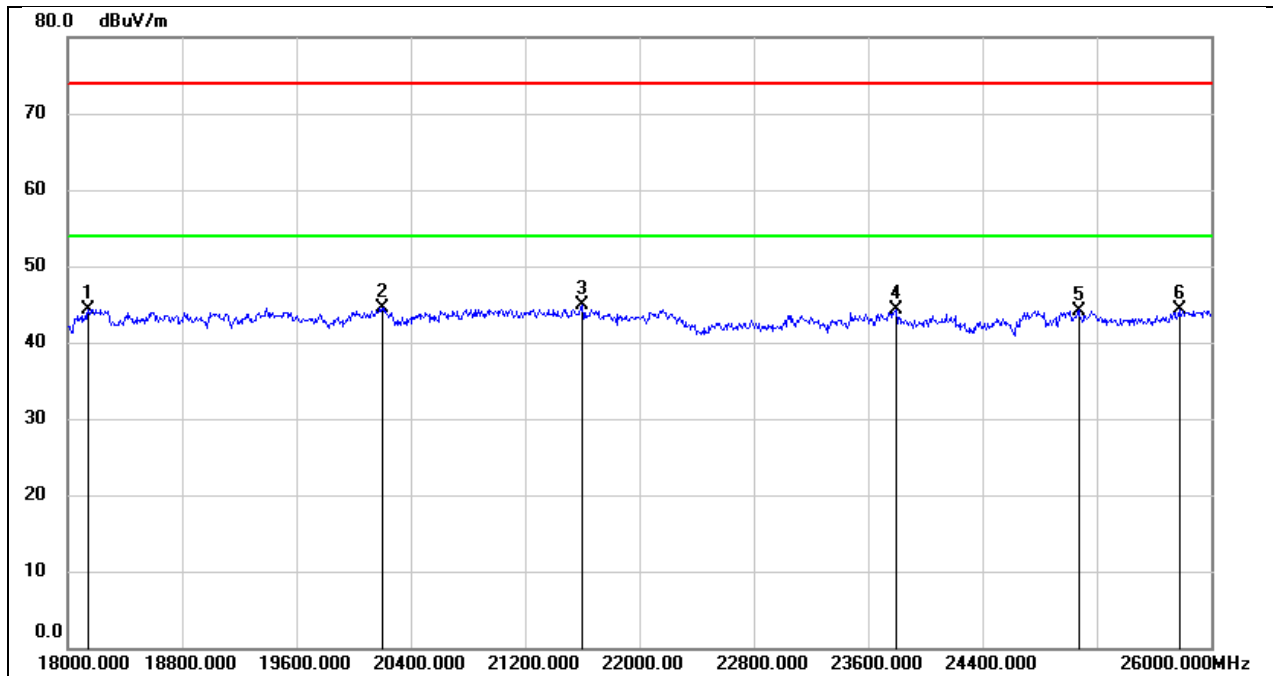
Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Remark
1	0.6834	63.21	-62.11	1.1	30.91	-29.81	peak
2	2.0013	57.52	-61.82	-4.3	29.54	-33.84	peak
3	3.8246	55.70	-61.38	-5.68	29.54	-35.22	peak
4	5.9198	54.93	-61.36	-6.43	29.54	-35.97	peak
5	8.9594	53.92	-60.94	-7.02	29.54	-36.56	peak
6	25.8978	51.76	-60.36	-8.6	29.54	-38.14	peak

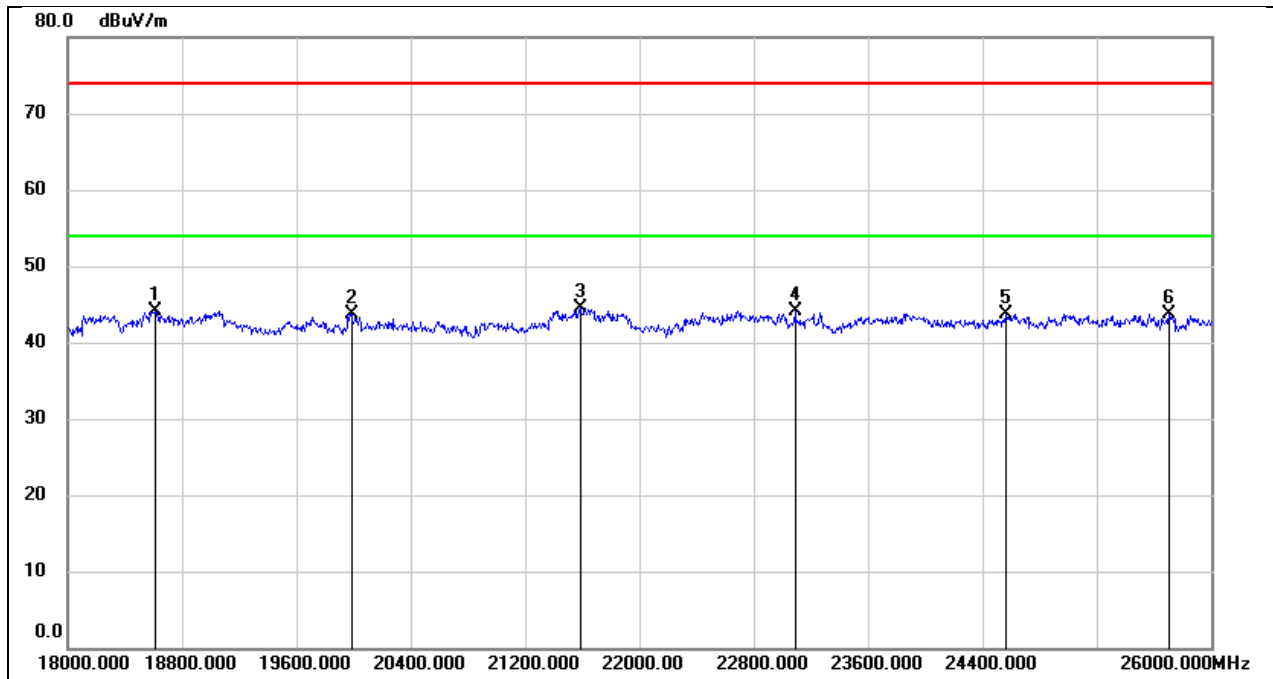
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	49.77	-5.48	44.29	74.00	-29.71	peak
2	20200.000	50.04	-5.58	44.46	74.00	-29.54	peak
3	21600.000	49.52	-4.54	44.98	74.00	-29.02	peak
4	23800.000	47.41	-3.11	44.30	74.00	-29.70	peak
5	25072.000	46.17	-1.97	44.20	74.00	-29.80	peak
6	25776.000	44.89	-0.66	44.23	74.00	-29.77	peak

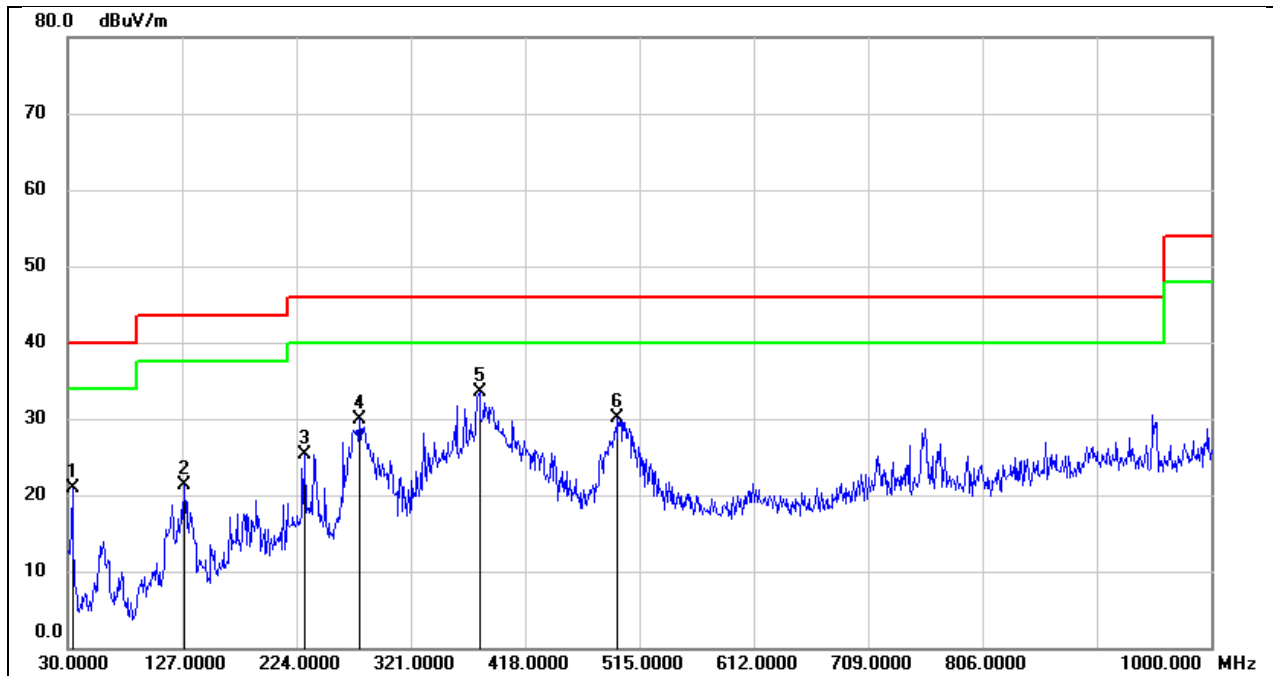
Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	49.39	-5.34	44.05	74.00	-29.95	peak
2	19984.000	49.21	-5.44	43.77	74.00	-30.23	peak
3	21584.000	49.10	-4.56	44.54	74.00	-29.46	peak
4	23088.000	47.52	-3.41	44.11	74.00	-29.89	peak
5	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak
6	25704.000	44.54	-0.83	43.71	74.00	-30.29	peak

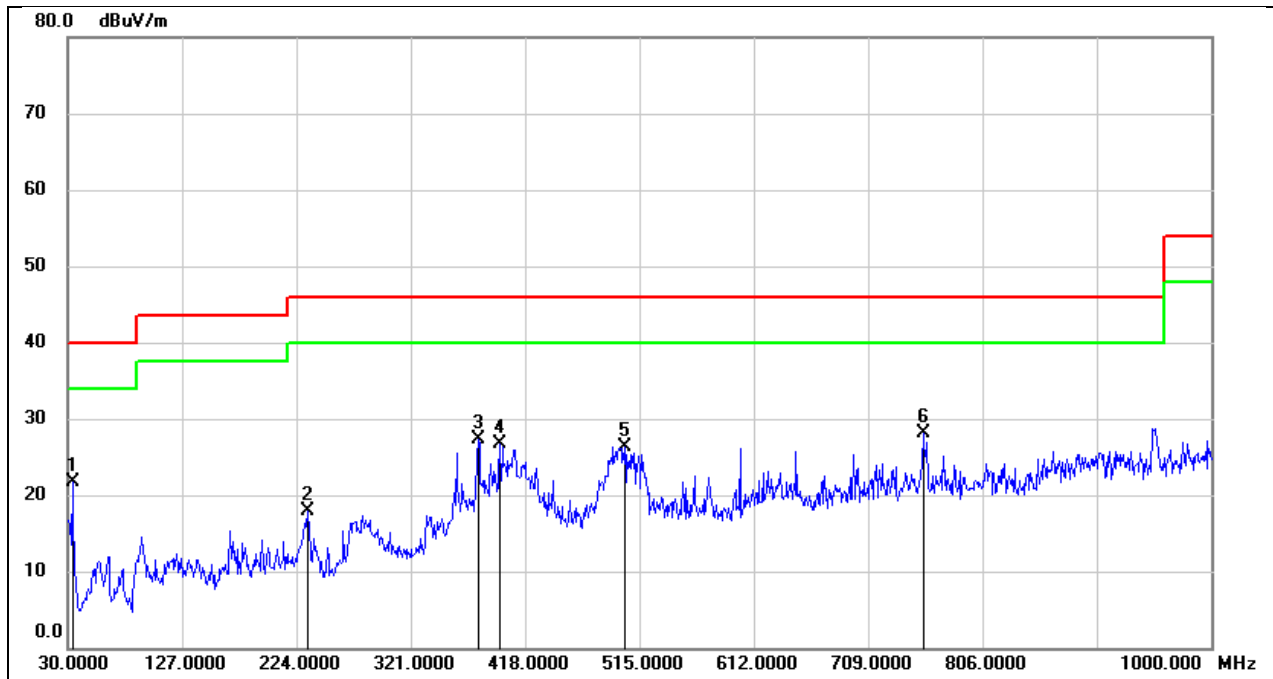
8.6. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	35.48	-14.61	20.87	40.00	-19.13	QP
2	128.9400	35.72	-14.42	21.30	43.50	-22.20	QP
3	230.7900	38.87	-13.48	25.39	46.00	-20.61	QP
4	277.3500	42.89	-12.90	29.99	46.00	-16.01	QP
5	379.2000	43.26	-9.82	33.44	46.00	-12.56	QP
6	496.5700	38.29	-8.12	30.17	46.00	-15.83	QP

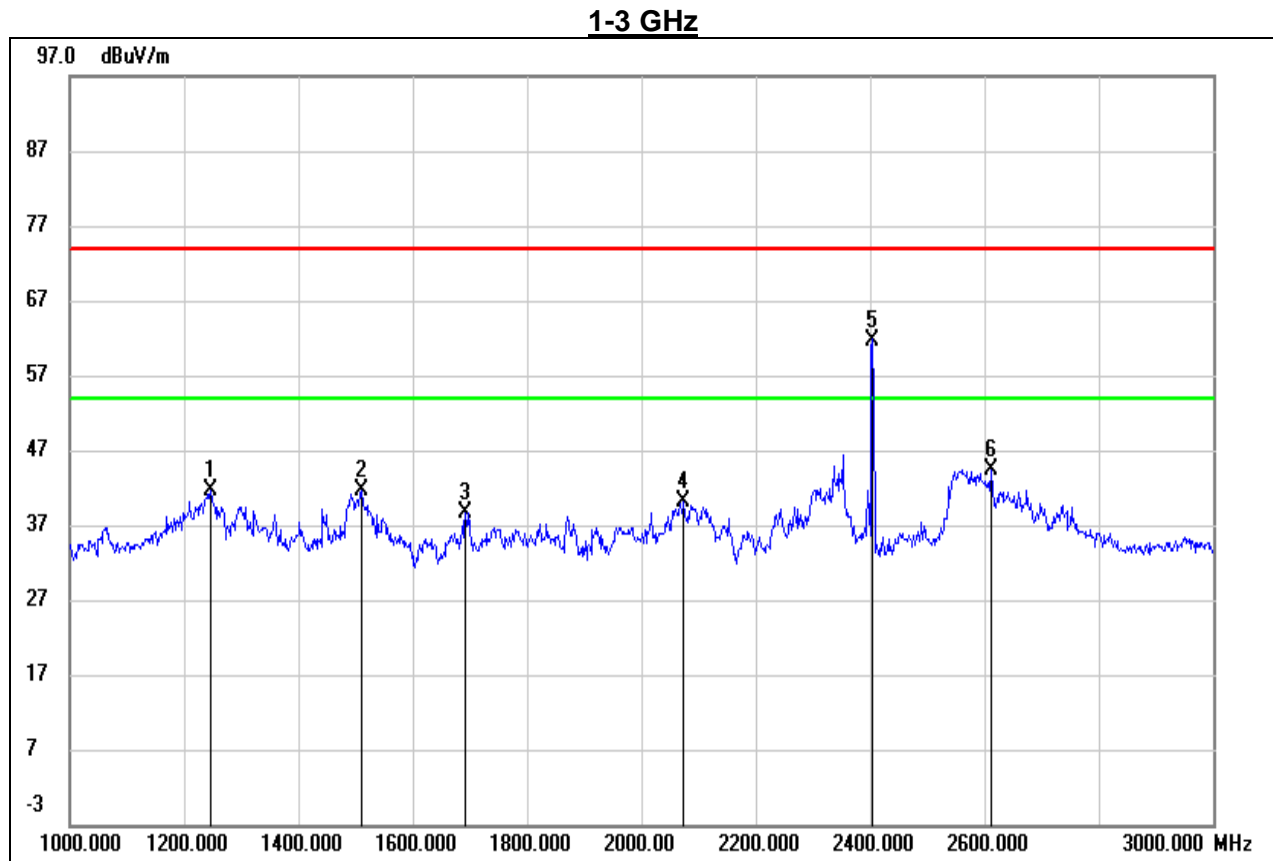
Test Mode:	SDR 1.4M	Frequency(MHz):	2403.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	36.32	-14.61	21.71	40.00	-18.29	QP
2	233.7000	31.58	-13.66	17.92	46.00	-28.08	QP
3	378.2300	37.08	-9.81	27.27	46.00	-18.73	QP
4	396.6600	36.52	-9.89	26.63	46.00	-19.37	QP
5	502.3900	34.40	-8.05	26.35	46.00	-19.65	QP
6	755.5600	31.61	-3.49	28.12	46.00	-17.88	QP

8.7. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

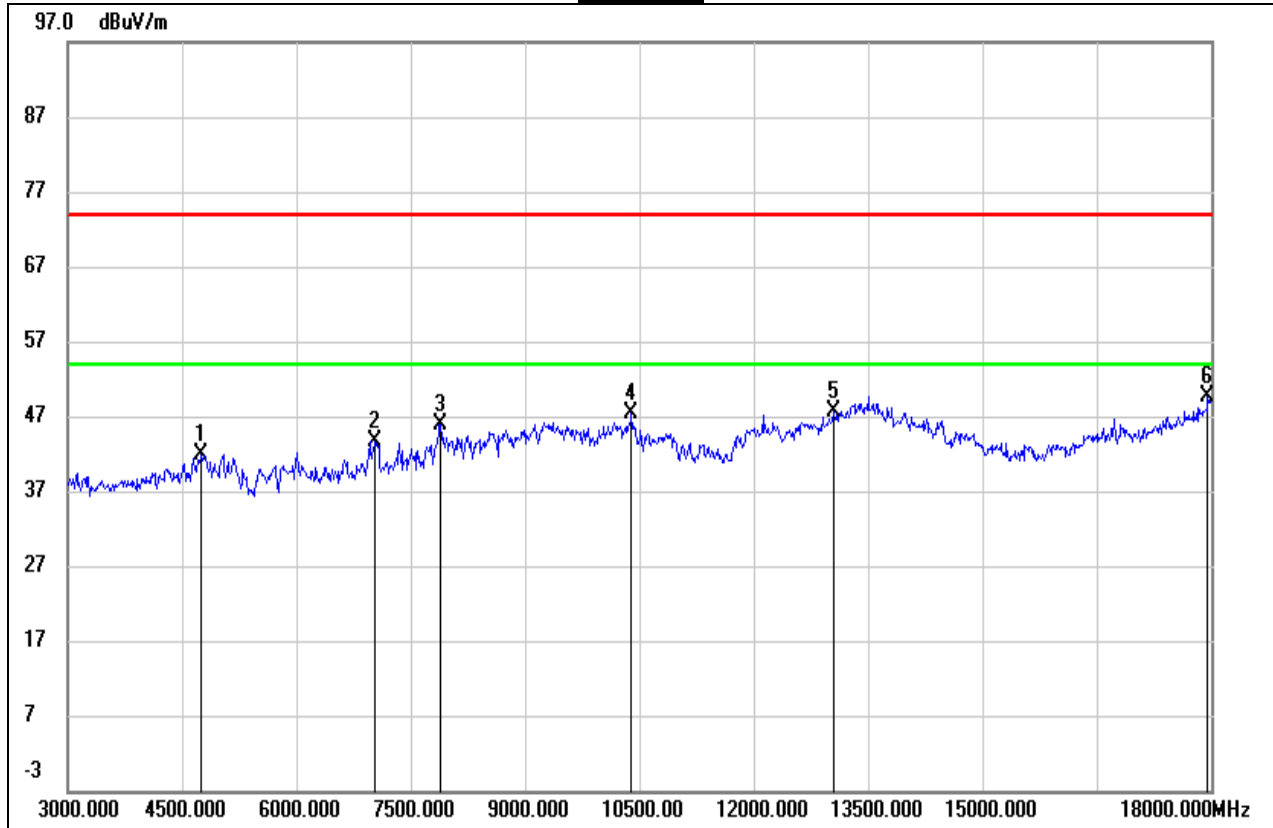
SPURIOUS EMISSIONS (2.4G BAND 1.4M LOW CHANNEL, GFSK MODE Low CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1246.000	54.33	-12.58	41.75	74.00	-32.25	peak
2	1510.000	53.28	-11.69	41.59	74.00	-32.41	peak
3	1692.000	49.26	-10.74	38.52	74.00	-35.48	peak
4	2074.000	49.69	-9.66	40.03	74.00	-33.97	peak
5	2403.500	69.16	-7.41	61.75	/	/	Fundamental
6	2612.000	52.13	-7.63	44.50	74.00	-29.50	peak

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

3-18 GHz



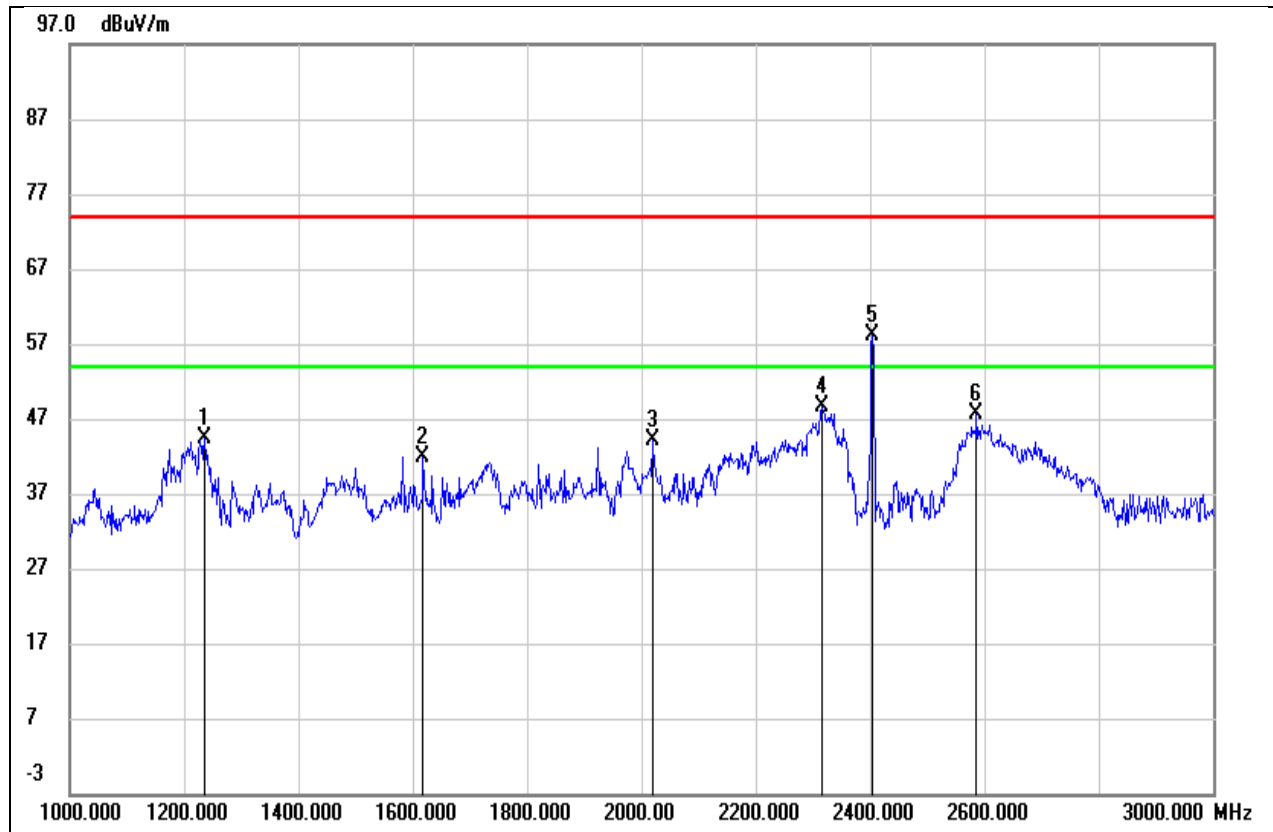
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4755.000	41.50	0.38	41.88	74.00	-32.12	peak
2	7035.000	36.25	7.39	43.64	74.00	-30.36	peak
3	7890.000	38.48	7.42	45.90	74.00	-28.10	peak
4	10395.000	34.24	13.22	47.46	74.00	-26.54	peak
5	13050.000	28.47	19.04	47.51	74.00	-26.49	peak
6	17955.000	21.52	28.09	49.61	74.00	-24.39	peak

Note:

1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

SPURIOUS EMISSIONS (2.4G BAND 1.4M LOW CHANNEL, GFSK MODE Low CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

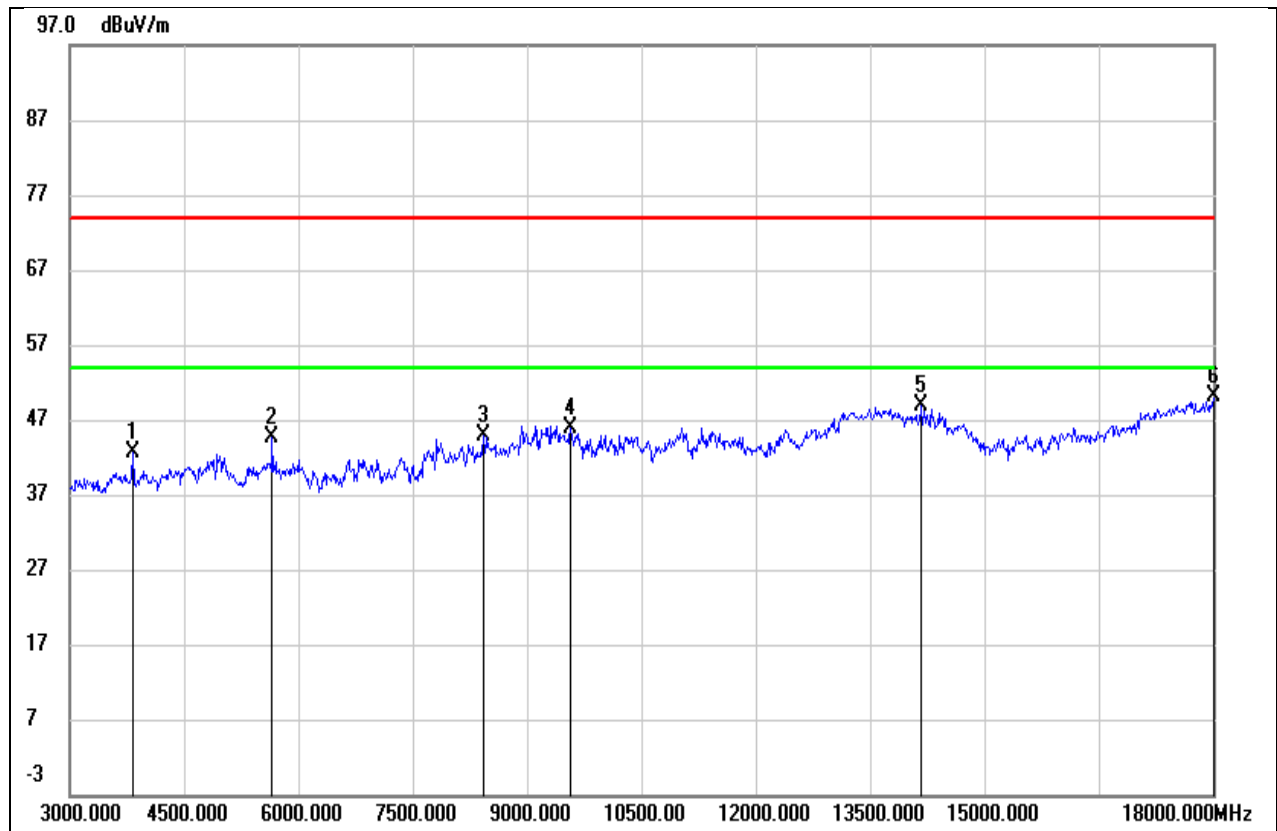
1-3 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1236.000	57.07	-12.60	44.47	74.00	-29.53	peak
2	1618.000	53.02	-11.09	41.93	74.00	-32.07	peak
3	2020.000	54.22	-9.99	44.23	74.00	-29.77	peak
4	2316.000	56.58	-8.02	48.56	74.00	-25.44	peak
5	2403.500	65.44	-7.41	58.03	/	/	Fundamental
6	2586.000	55.24	-7.66	47.58	74.00	-26.42	peak

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

3-18 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3825.000	44.51	-1.77	42.74	74.00	-31.26	peak
2	5655.000	40.86	3.70	44.56	74.00	-29.44	peak
3	8430.000	36.32	8.62	44.94	74.00	-29.06	peak
4	9570.000	34.85	10.98	45.83	74.00	-28.17	peak
5	14175.000	27.78	21.02	48.80	74.00	-25.20	peak
6	18000.000	24.10	26.13	50.23	74.00	-23.77	peak

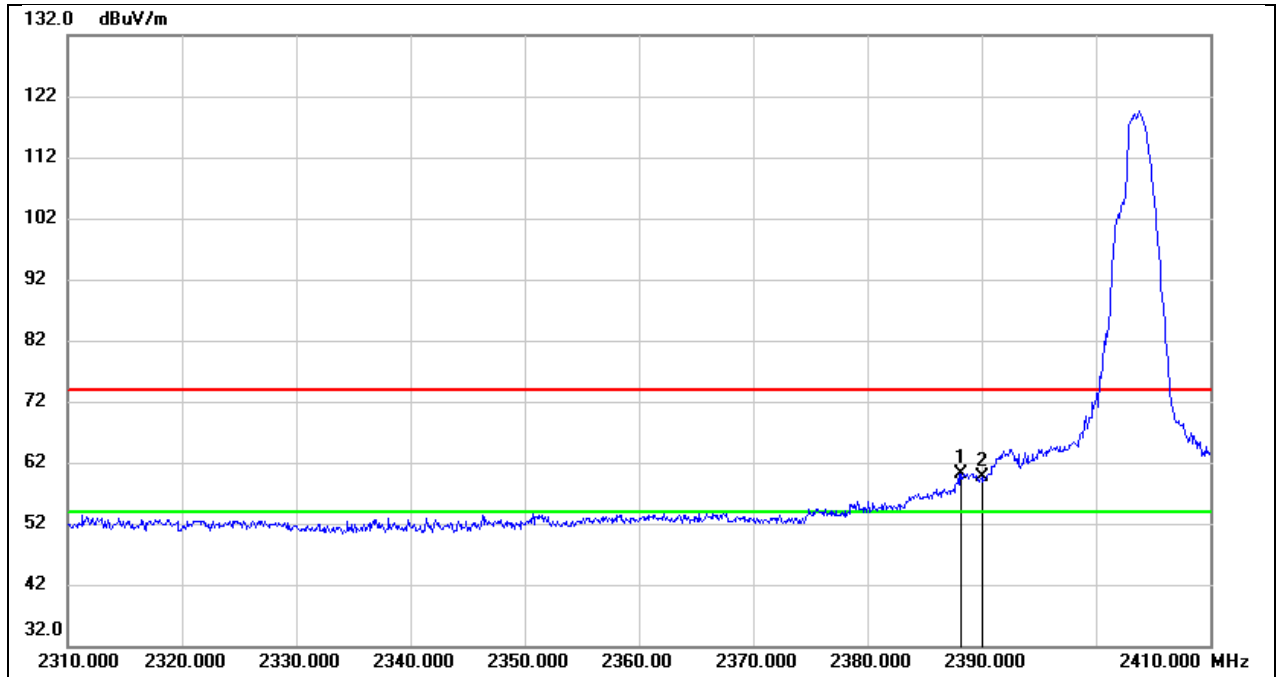
Note:

1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

Note: For spurious emissions in other bands, no worst spurious emission was found, do not report.

RESTRICTED BANDEDGE
2.4G BAND 1.4M LOW CHANNEL, GFSK MODE Low CHANNEL, WORST-CASE
CONFIGURATION, HORIZONTAL

Peak

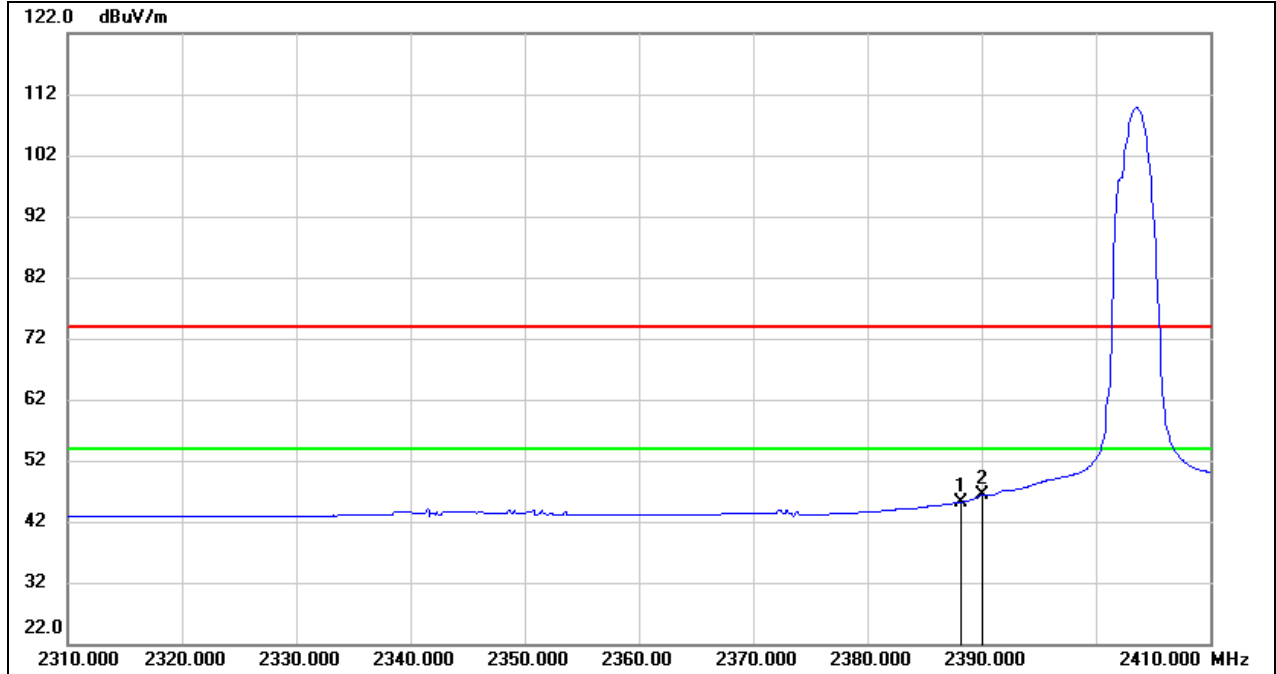


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.200	27.42	32.79	60.21	74.00	-13.79	peak
2	2390.000	26.77	32.79	59.56	74.00	-14.44	peak

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
5. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
6. All modes have been tested, but only the worst data was recorded in the report.

AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.200	12.43	32.79	45.22	54.00	-8.78	AVG
2	2390.000	13.51	32.79	46.30	54.00	-7.70	AVG

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. $AV = \text{Average}$; $VBW = 1/T_{on}$, where: T_{on} is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.5.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
6. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
7. All modes have been tested, but only the worst data was recorded in the report.

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a).

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

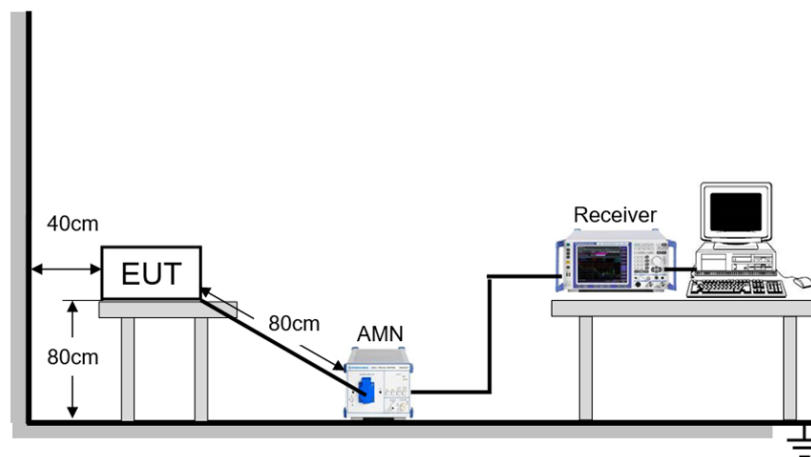
*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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 C63.10-2013. 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

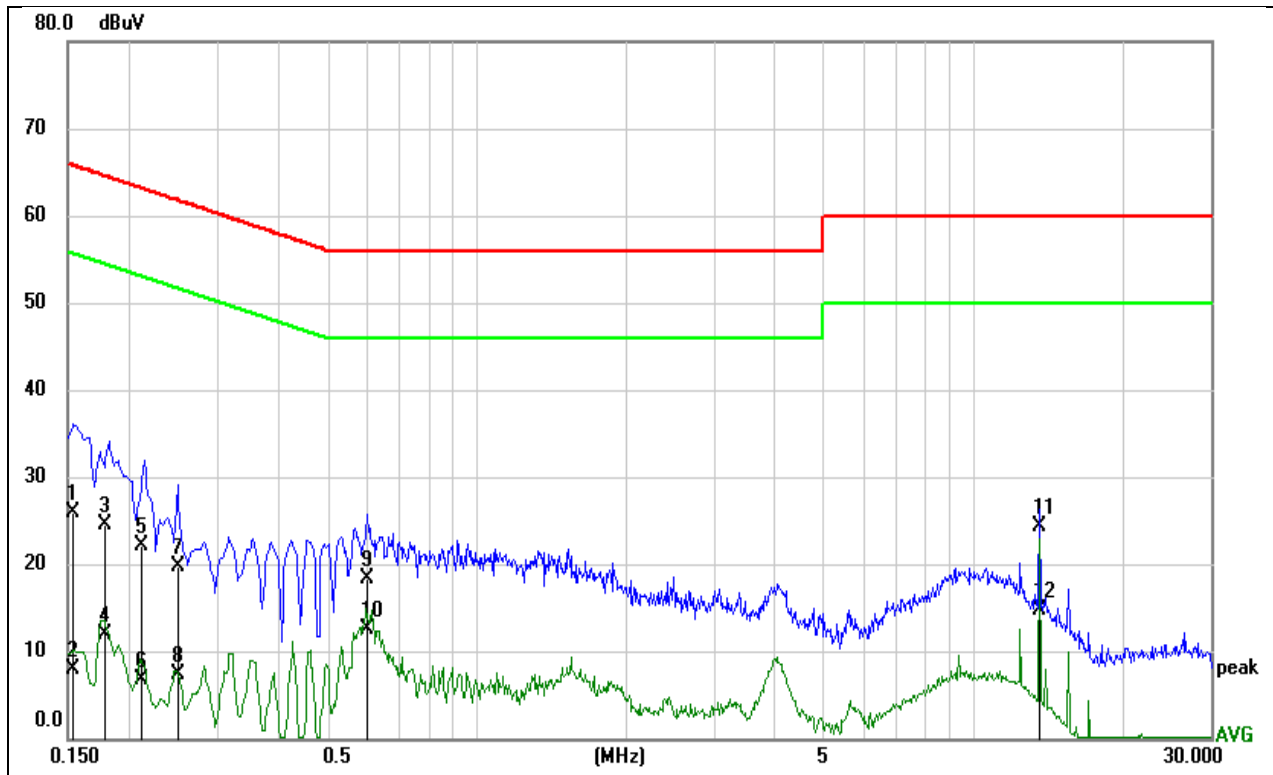
Temperature	22.9°C	Relative Humidity	59.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	September 23, 2024	Test By	Johnson Liu
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TEST RESULTS

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2437.5
Line:	Line		



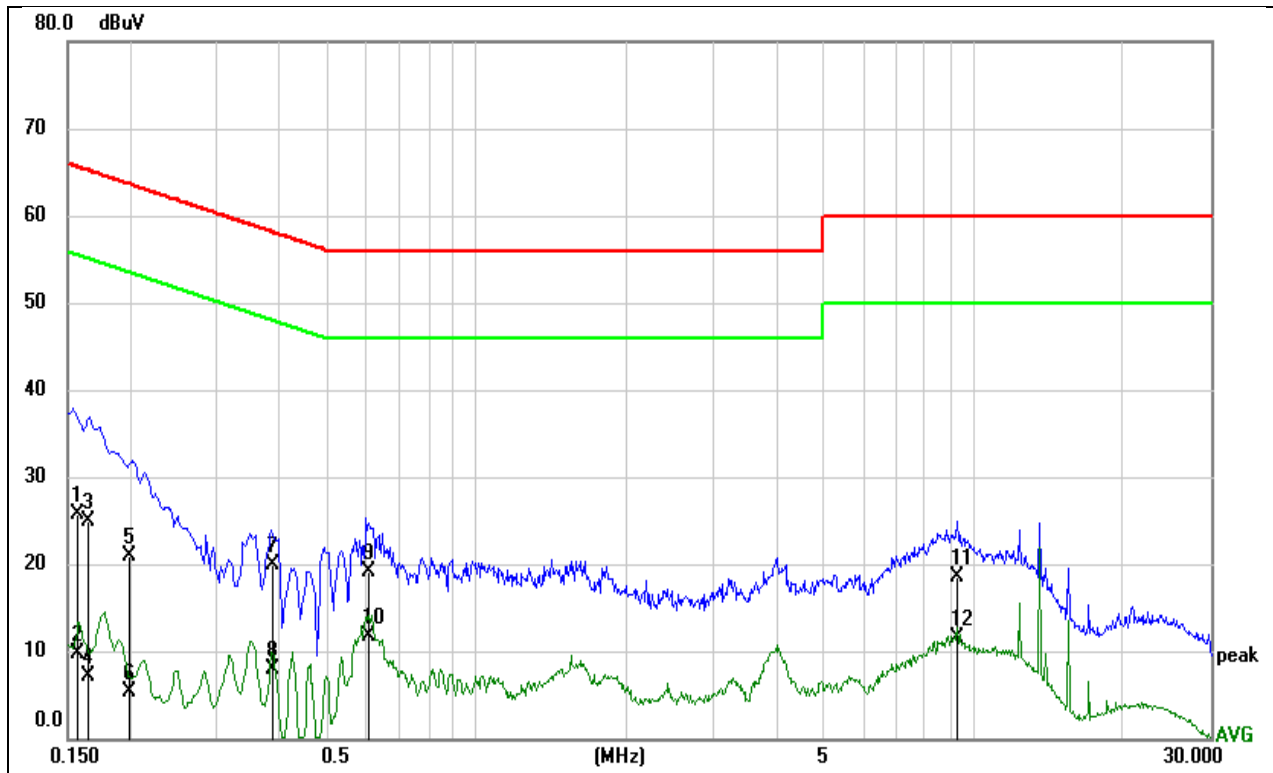
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1534	25.93	0.04	25.97	65.81	-39.84	QP
2	0.1534	7.93	0.04	7.97	55.81	-47.84	AVG
3	0.1781	24.51	0.04	24.55	64.57	-40.02	QP
4	0.1781	11.78	0.04	11.82	54.57	-42.75	AVG
5	0.2114	22.00	0.04	22.04	63.15	-41.11	QP
6	0.2114	6.64	0.04	6.68	53.15	-46.47	AVG
7	0.2494	19.64	0.04	19.68	61.78	-42.10	QP
8	0.2494	7.28	0.04	7.32	51.78	-44.46	AVG
9	0.6058	18.36	0.04	18.40	56.00	-37.60	QP
10	0.6058	12.54	0.04	12.58	46.00	-33.42	AVG
11	13.5600	24.21	0.04	24.25	60.00	-35.75	QP
12	13.5600	14.69	0.04	14.73	50.00	-35.27	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:	SRD 2.4G 10M	Frequency(MHz):	2437.5
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1567	25.76	0.04	25.80	65.64	-39.84	QP
2	0.1567	9.75	0.04	9.79	55.64	-45.85	AVG
3	0.1650	24.82	0.04	24.86	65.21	-40.35	QP
4	0.1650	7.11	0.04	7.15	55.21	-48.06	AVG
5	0.1988	20.83	0.04	20.87	63.66	-42.79	QP
6	0.1988	5.34	0.04	5.38	53.66	-48.28	AVG
7	0.3881	19.87	0.04	19.91	58.10	-38.19	QP
8	0.3881	7.87	0.04	7.91	48.10	-40.19	AVG
9	0.6084	19.01	0.04	19.05	56.00	-36.95	QP
10	0.6084	11.65	0.04	11.69	46.00	-34.31	AVG
11	9.2867	18.45	0.03	18.48	60.00	-41.52	QP
12	9.2867	11.54	0.03	11.57	50.00	-38.43	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 15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

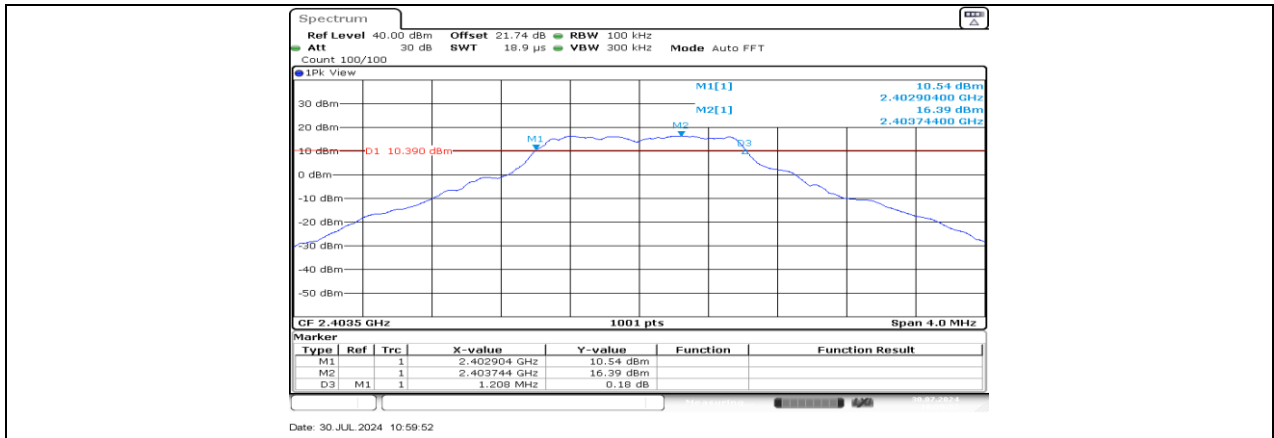
11.1. APPENDIX A: DTS BANDWIDTH

11.1.1. Test Result

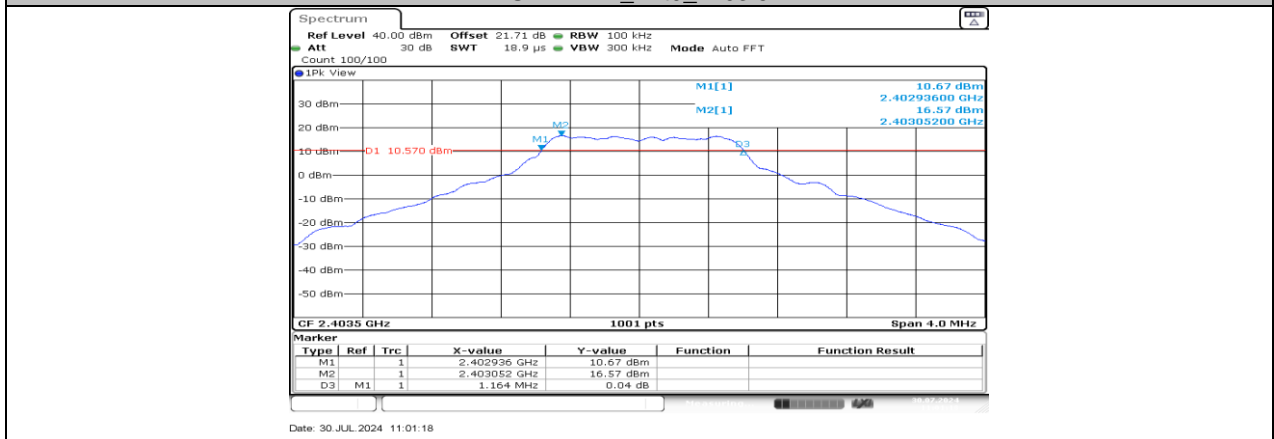
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD 1.4M	Ant0	2403.5	1.21	2402.90	2404.11	≥0.5	PASS
	Ant1	2403.5	1.16	2402.94	2404.10	≥0.5	PASS
	Ant0	2404.69	1.20	2404.10	2405.30	≥0.5	PASS
	Ant1	2404.69	1.16	2404.13	2405.29	≥0.5	PASS
	Ant0	2435.5	1.21	2434.90	2436.11	≥0.5	PASS
	Ant1	2435.5	1.16	2434.94	2436.10	≥0.5	PASS
	Ant0	2467.12	1.21	2466.52	2467.73	≥0.5	PASS
	Ant1	2467.12	1.16	2466.56	2467.72	≥0.5	PASS
SRD 3M	Ant0	2469.12	1.21	2468.52	2469.73	≥0.5	PASS
	Ant1	2469.12	1.16	2468.56	2469.72	≥0.5	PASS
	Ant0	2405.5	2.21	2404.40	2406.62	≥0.5	PASS
	Ant1	2405.5	2.23	2404.40	2406.63	≥0.5	PASS
	Ant0	2407.88	2.20	2406.78	2408.98	≥0.5	PASS
	Ant1	2407.88	2.23	2406.78	2409.01	≥0.5	PASS
	Ant0	2436.12	2.21	2435.03	2437.24	≥0.5	PASS
	Ant1	2436.12	2.22	2435.03	2437.25	≥0.5	PASS
SRD 5M	Ant0	2465.2	2.20	2464.10	2466.30	≥0.5	PASS
	Ant1	2465.2	2.21	2464.11	2466.32	≥0.5	PASS
	Ant0	2468.2	2.21	2467.10	2469.32	≥0.5	PASS
	Ant1	2468.2	2.23	2467.10	2469.33	≥0.5	PASS
	Ant0	2404.5	4.37	2402.32	2406.69	≥0.5	PASS
	Ant1	2404.5	4.34	2402.32	2406.66	≥0.5	PASS
	Ant0	2408.26	4.37	2406.08	2410.45	≥0.5	PASS
	Ant1	2408.26	4.33	2406.09	2410.42	≥0.5	PASS
SRD 10M	Ant0	2436.74	4.38	2434.56	2438.94	≥0.5	PASS
	Ant1	2436.74	4.31	2434.58	2438.89	≥0.5	PASS
	Ant0	2467.74	4.37	2465.56	2469.93	≥0.5	PASS
	Ant1	2467.74	4.33	2465.57	2469.90	≥0.5	PASS
	Ant0	2469.5	4.37	2467.32	2471.69	≥0.5	PASS
	Ant1	2469.5	4.33	2467.33	2471.66	≥0.5	PASS
	Ant0	2407.5	9.00	2402.98	2411.98	≥0.5	PASS
	Ant1	2407.5	8.96	2403.02	2411.98	≥0.5	PASS
SRD 20M	Ant0	2409.5	9.00	2404.98	2413.98	≥0.5	PASS
	Ant1	2409.5	8.96	2405.02	2413.98	≥0.5	PASS
	Ant0	2437.5	9.00	2432.98	2441.98	≥0.5	PASS
	Ant1	2437.5	9.04	2432.98	2442.02	≥0.5	PASS
	Ant0	2465.5	9.00	2460.98	2469.98	≥0.5	PASS
	Ant1	2465.5	9.04	2460.98	2470.02	≥0.5	PASS
	Ant0	2467.5	9.00	2462.98	2471.98	≥0.5	PASS
	Ant1	2467.5	9.00	2462.98	2471.98	≥0.5	PASS
SRD 40M	Ant0	2412.5	18.00	2403.50	2421.50	≥0.5	PASS
	Ant1	2412.5	18.00	2403.50	2421.50	≥0.5	PASS
	Ant0	2413.5	17.64	2404.78	2422.42	≥0.5	PASS
	Ant1	2413.5	17.76	2404.58	2422.34	≥0.5	PASS
	Ant0	2437.5	17.72	2428.70	2446.42	≥0.5	PASS
	Ant1	2437.5	17.72	2428.58	2446.30	≥0.5	PASS
	Ant0	2461.5	18.00	2452.50	2470.50	≥0.5	PASS
	Ant1	2461.5	18.00	2452.50	2470.50	≥0.5	PASS
SRD 40M	Ant0	2462.5	18.00	2453.50	2471.50	≥0.5	PASS
	Ant1	2462.5	18.00	2453.50	2471.50	≥0.5	PASS
SRD 40M	Ant0	2422.5	22.96	2411.86	2434.82	≥0.5	PASS
	Ant1	2422.5	22.88	2412.18	2435.06	≥0.5	PASS

	Ant0	2424.5	23.04	2413.86	2436.90	≥0.5	PASS
	Ant1	2424.5	23.12	2413.94	2437.06	≥0.5	PASS
	Ant0	2437.5	23.60	2426.30	2449.90	≥0.5	PASS
	Ant1	2437.5	23.12	2426.94	2450.06	≥0.5	PASS
	Ant0	2451.5	36.00	2433.50	2469.50	≥0.5	PASS
	Ant1	2451.5	35.92	2433.58	2469.50	≥0.5	PASS
	Ant0	2452.5	36.08	2434.50	2470.58	≥0.5	PASS
	Ant1	2452.5	36.00	2434.50	2470.50	≥0.5	PASS
SRD 60M	Ant0	2432.5	53.76	2405.62	2459.38	≥0.5	PASS
	Ant1	2432.5	53.76	2405.62	2459.38	≥0.5	PASS
	Ant0	2435.5	53.76	2408.62	2462.38	≥0.5	PASS
	Ant1	2435.5	53.76	2408.62	2462.38	≥0.5	PASS
	Ant0	2437.5	53.76	2410.62	2464.38	≥0.5	PASS
	Ant1	2437.5	53.76	2410.62	2464.38	≥0.5	PASS
	Ant0	2440.5	53.76	2413.62	2467.38	≥0.5	PASS
	Ant1	2440.5	53.76	2413.62	2467.38	≥0.5	PASS
	Ant0	2442.5	53.76	2415.62	2469.38	≥0.5	PASS
	Ant1	2442.5	53.76	2415.62	2469.38	≥0.5	PASS

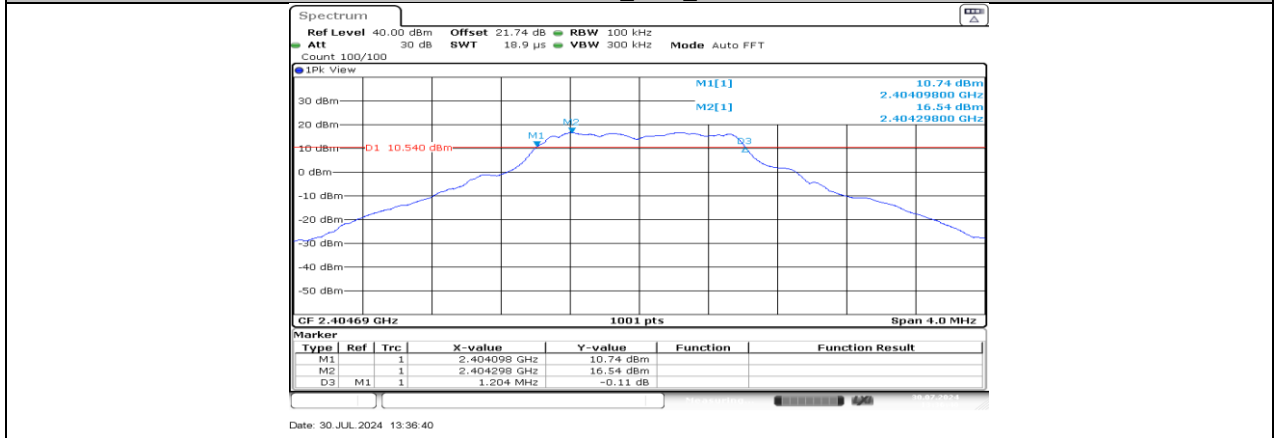
11.1.2. Test Graphs



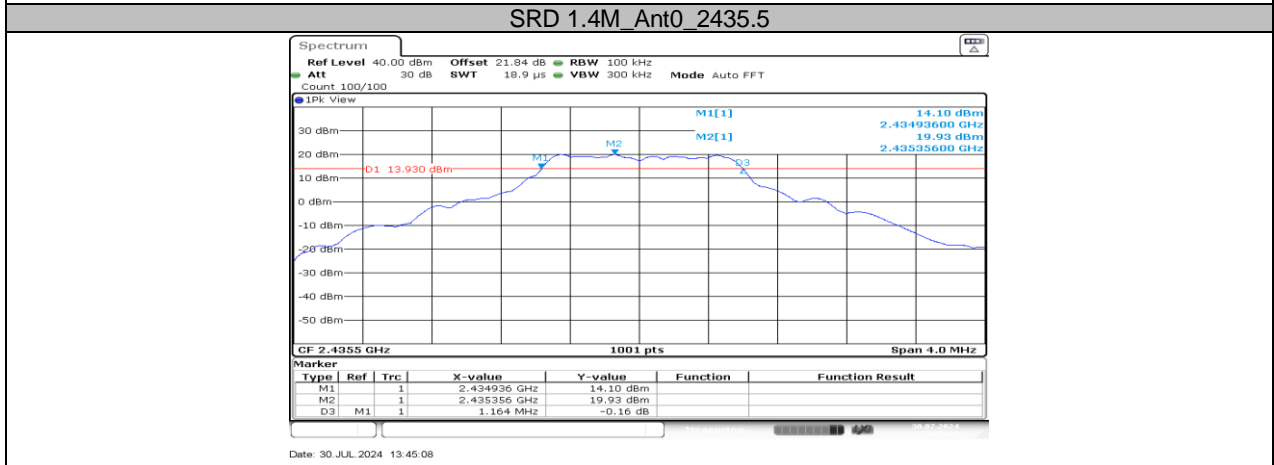
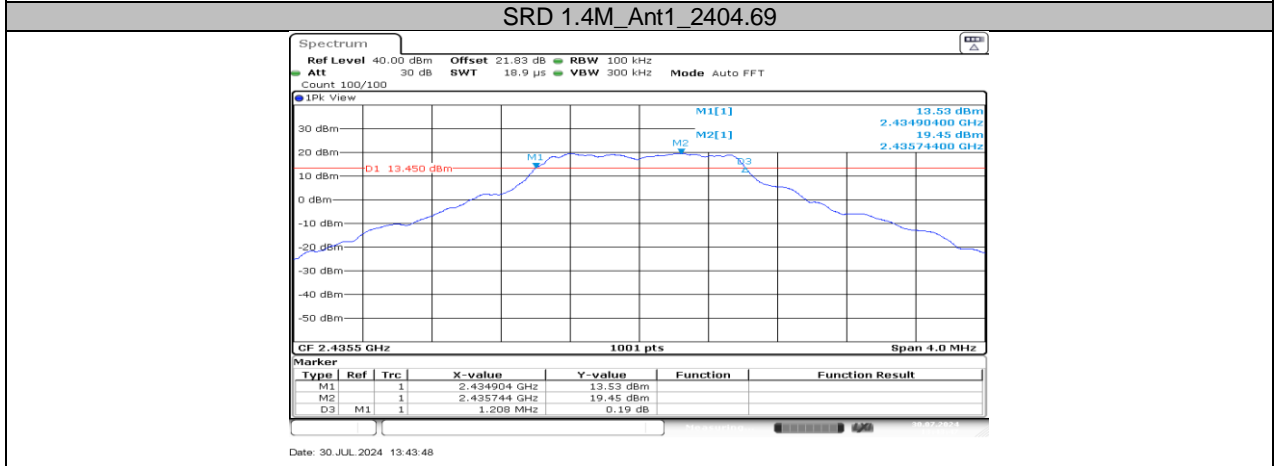
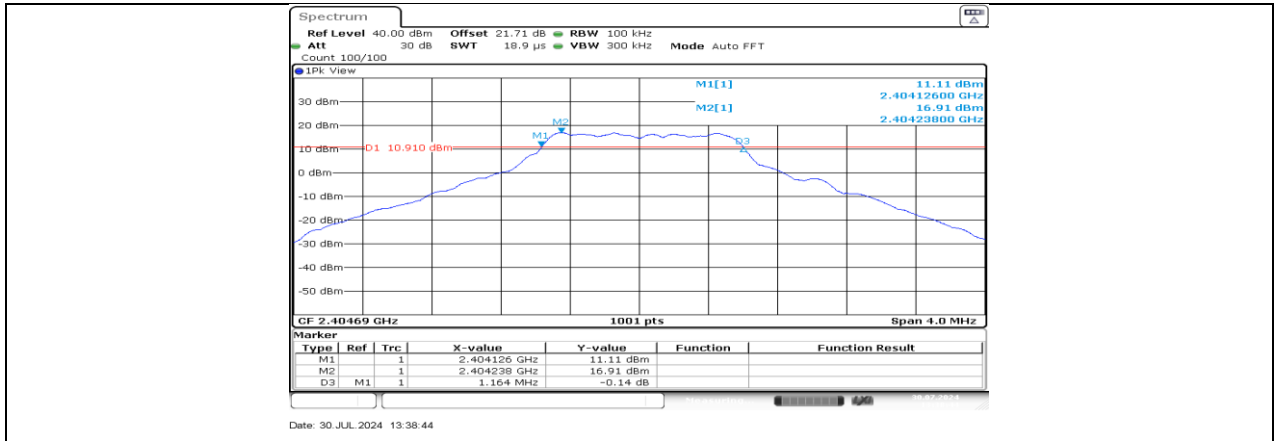
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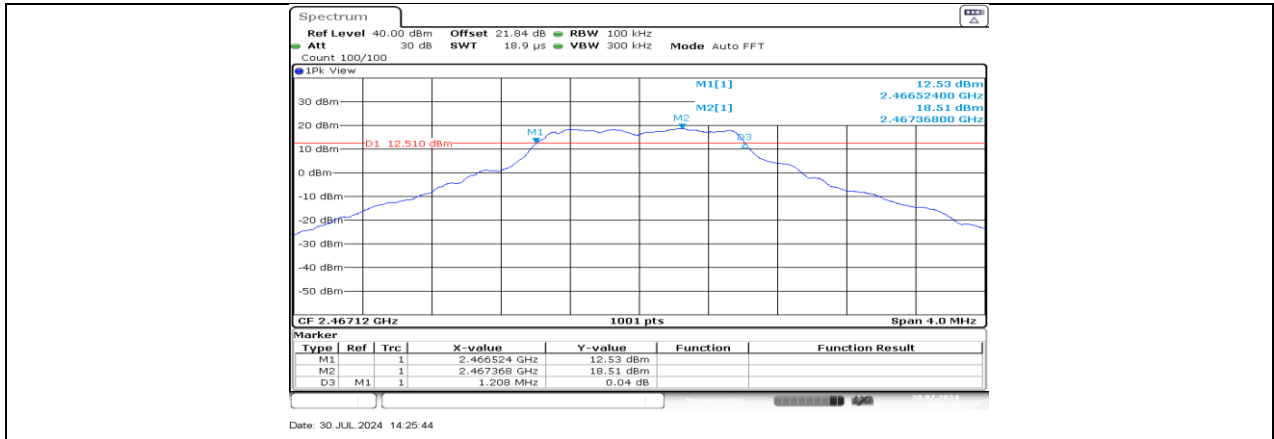
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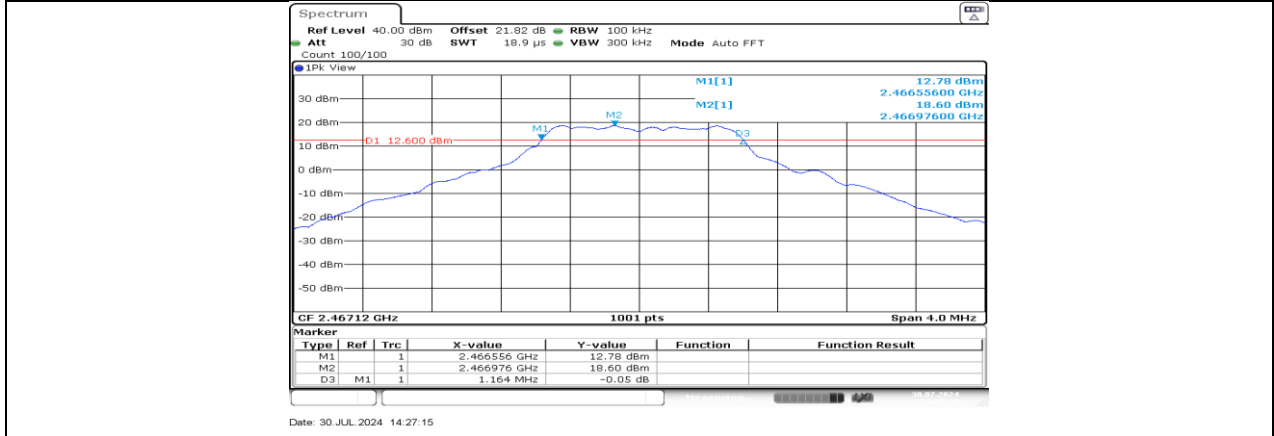
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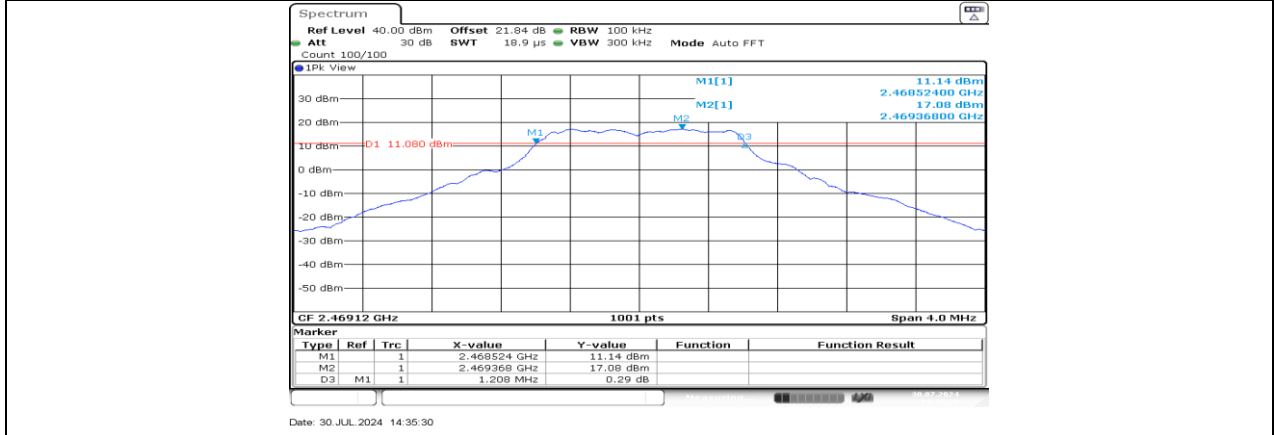
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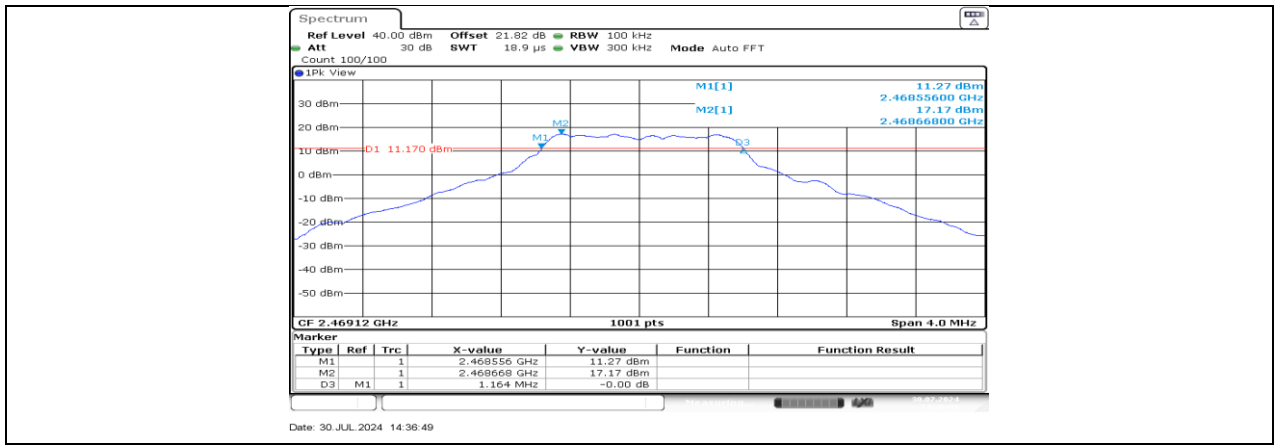
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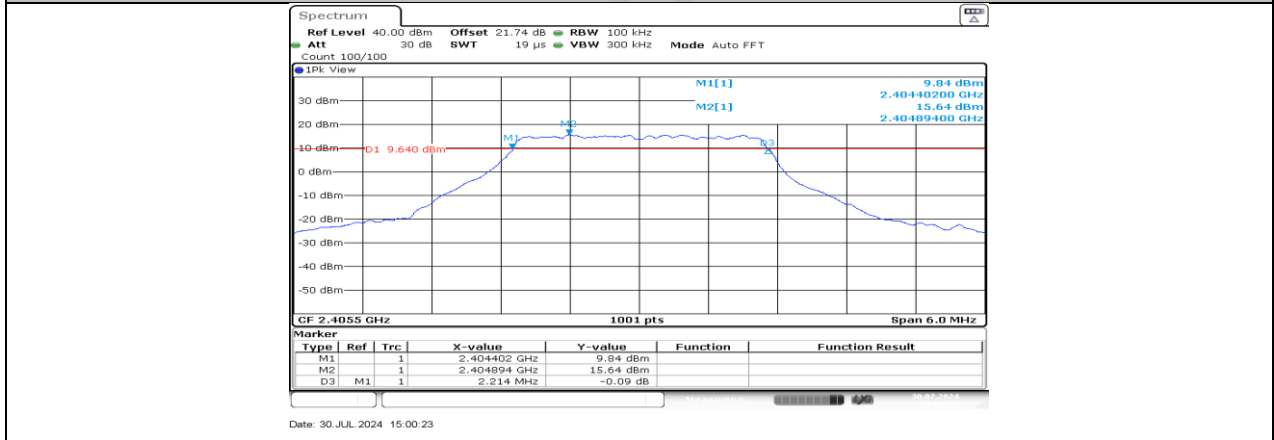
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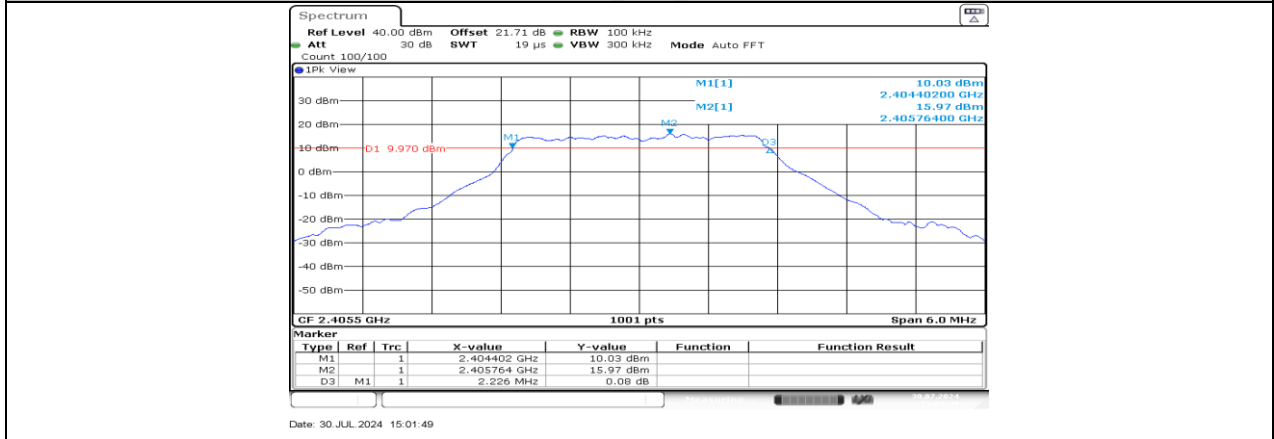
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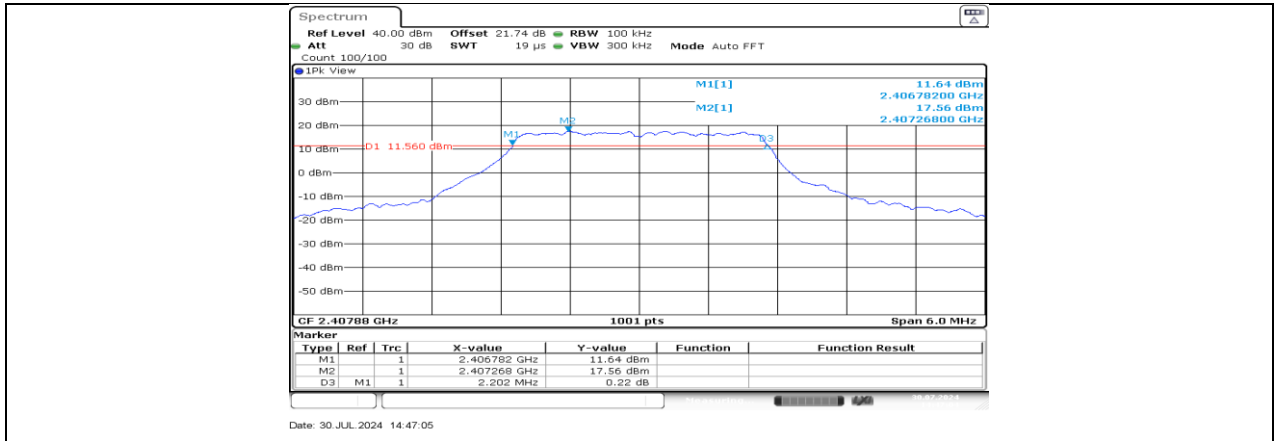
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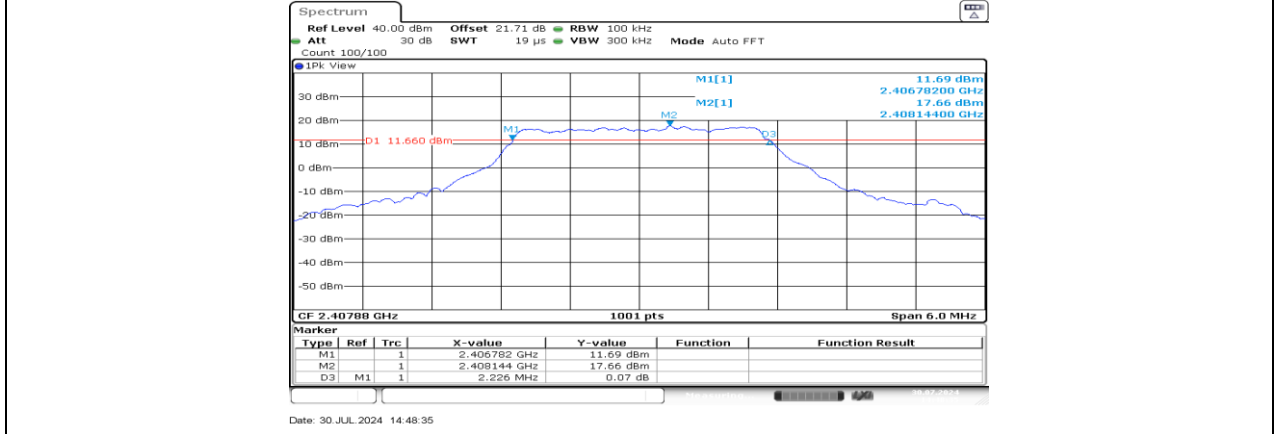
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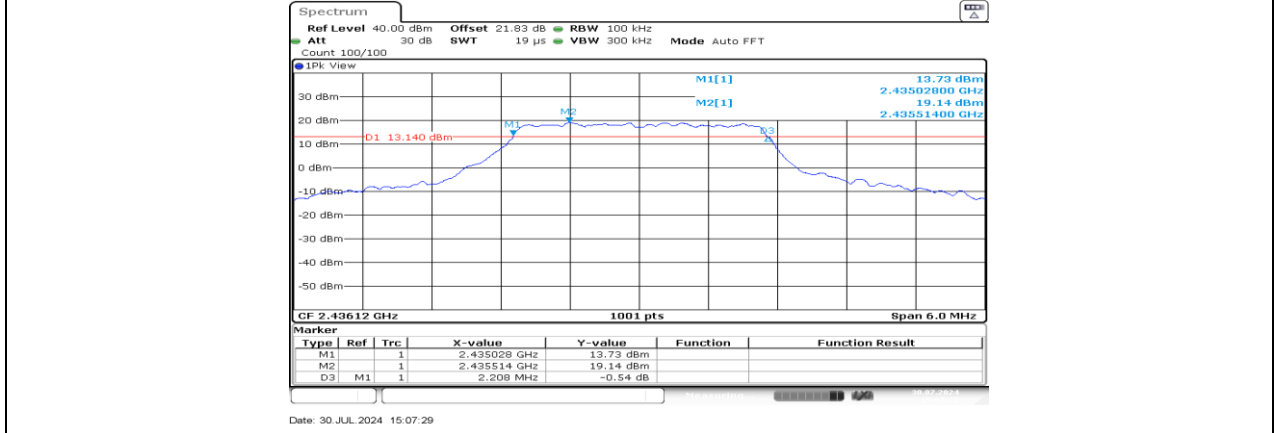
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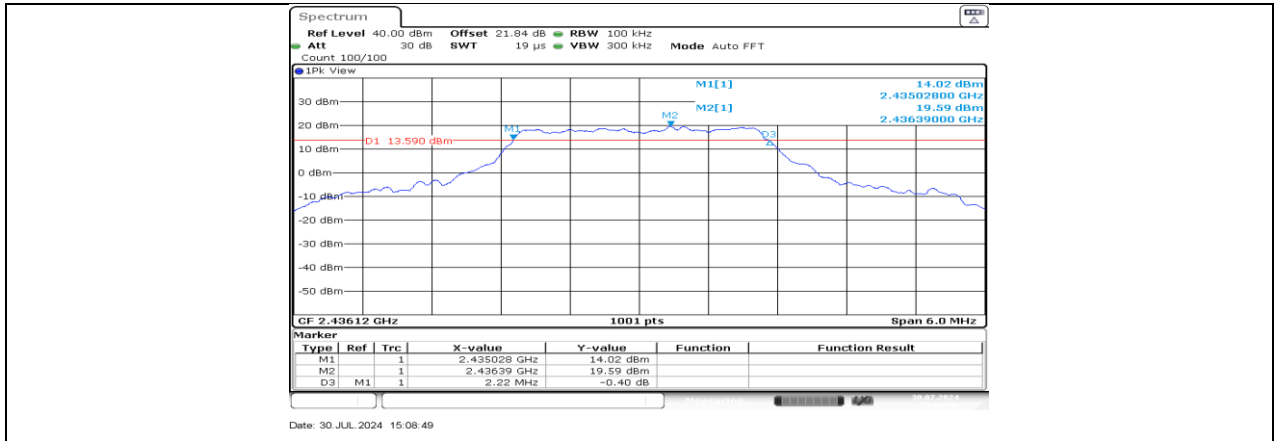
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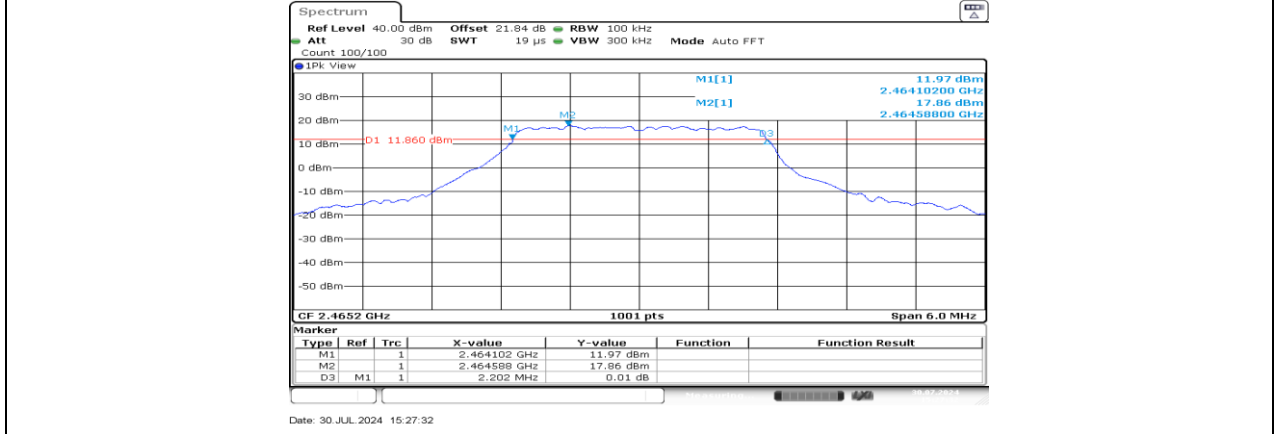
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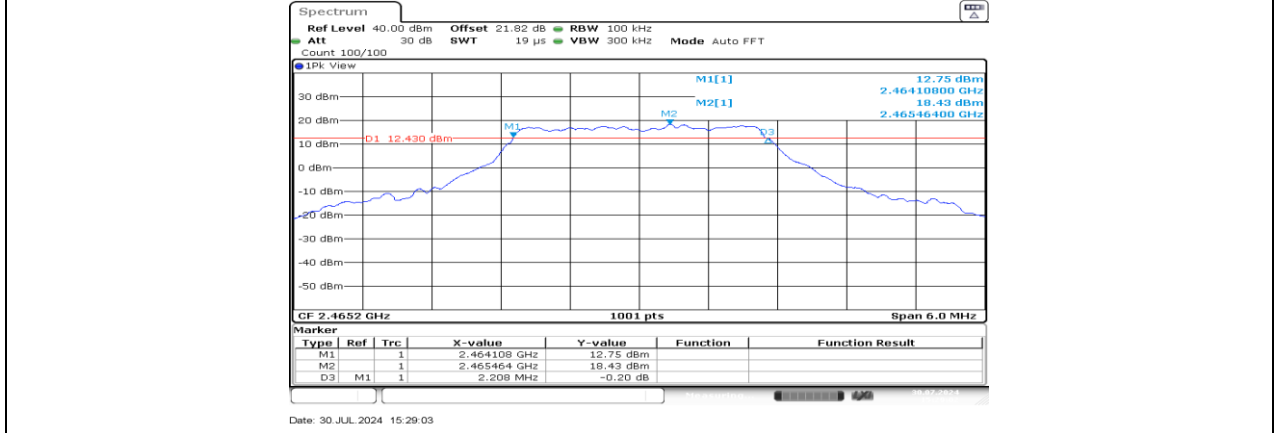
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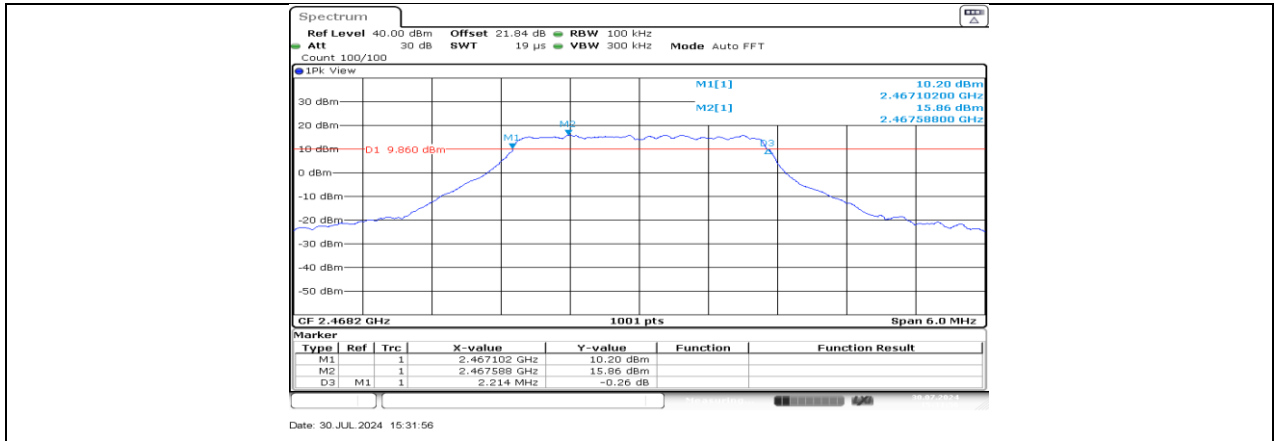
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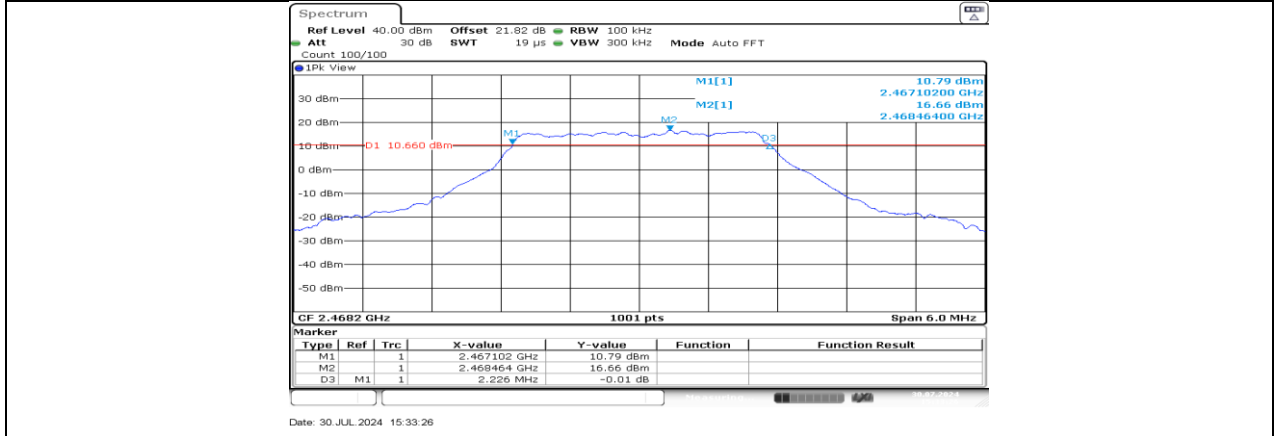
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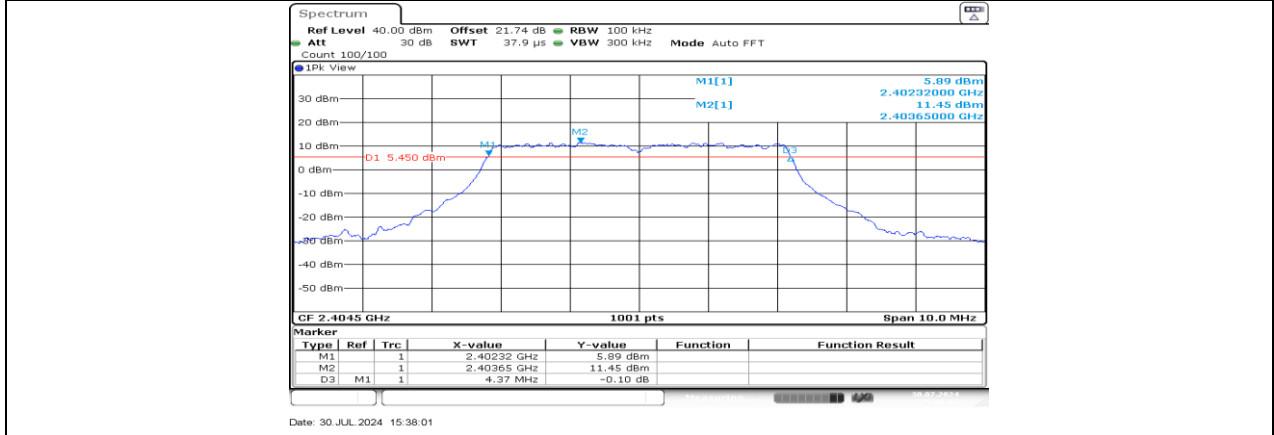
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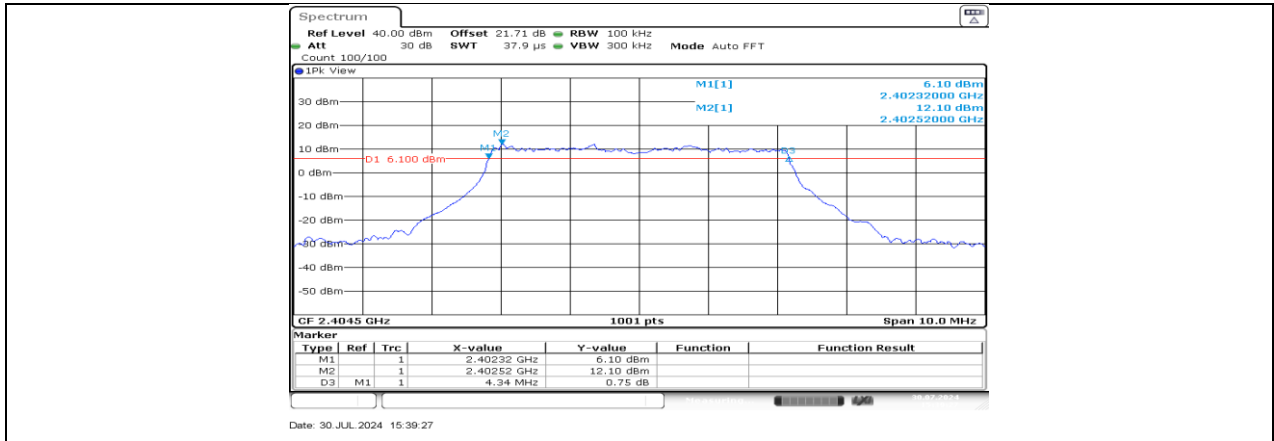
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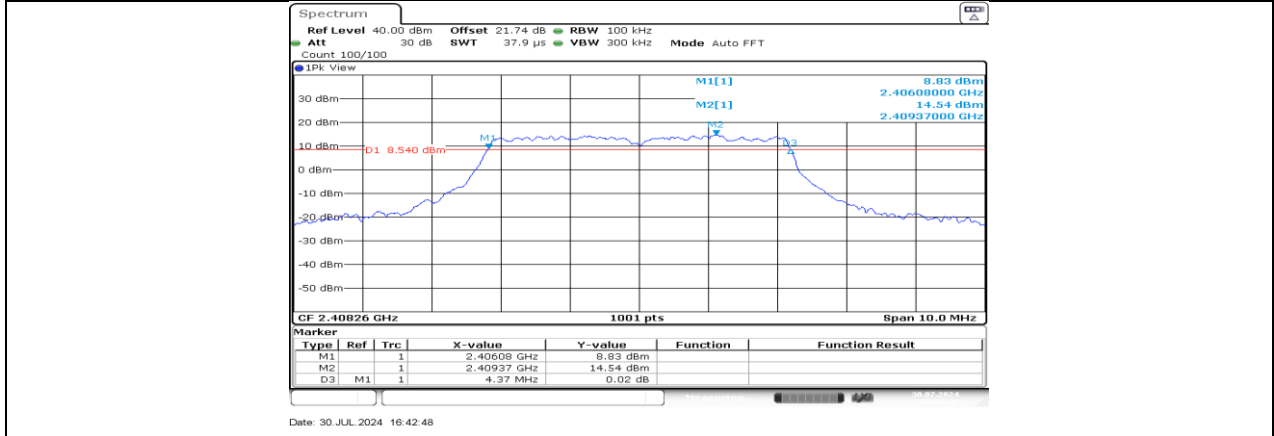
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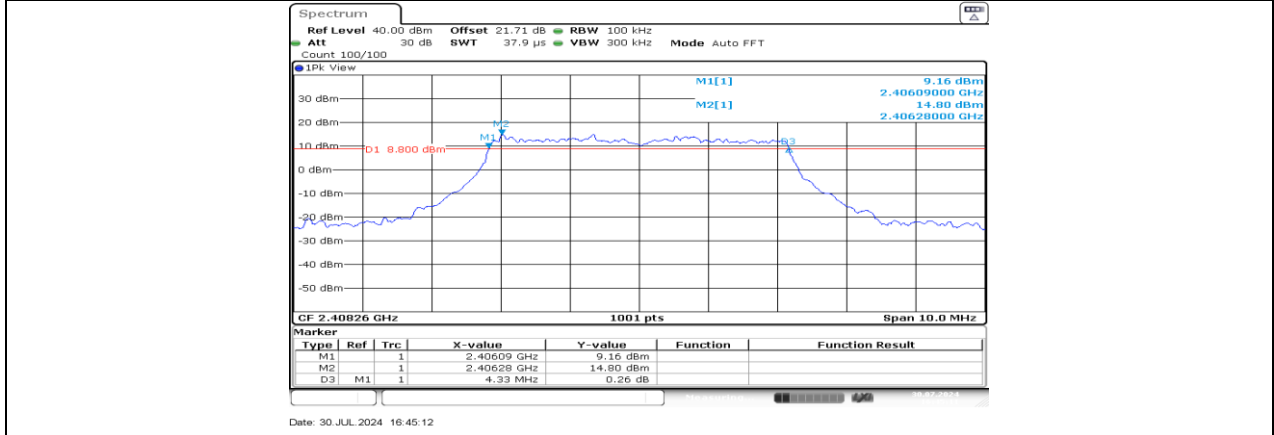
SRD 5M_Ant0_2404.5



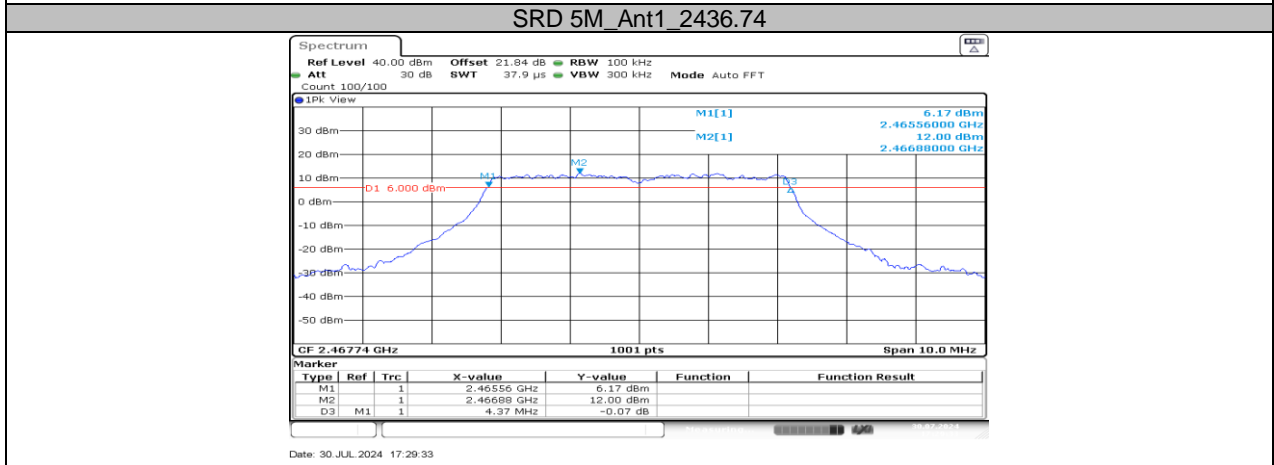
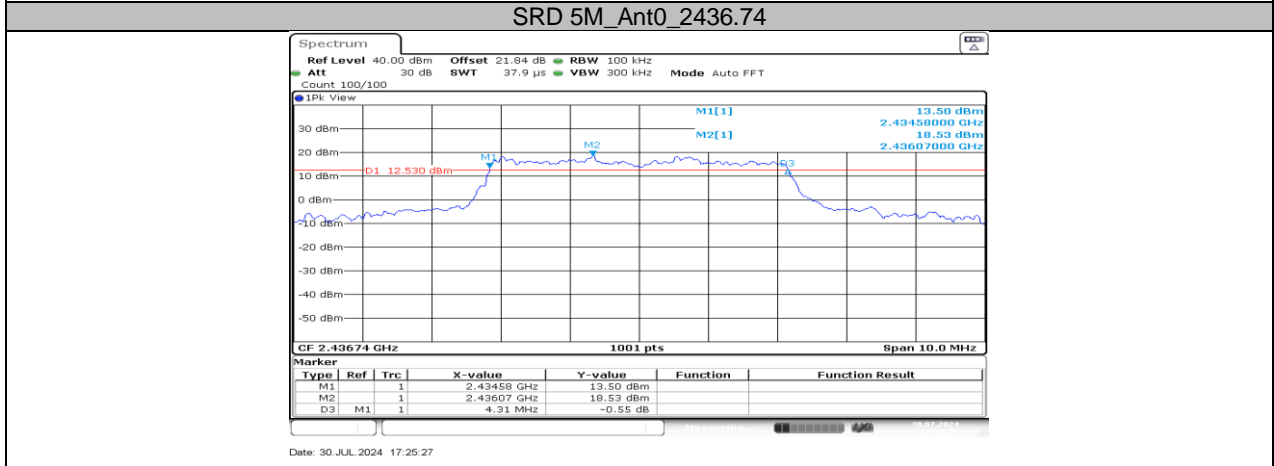
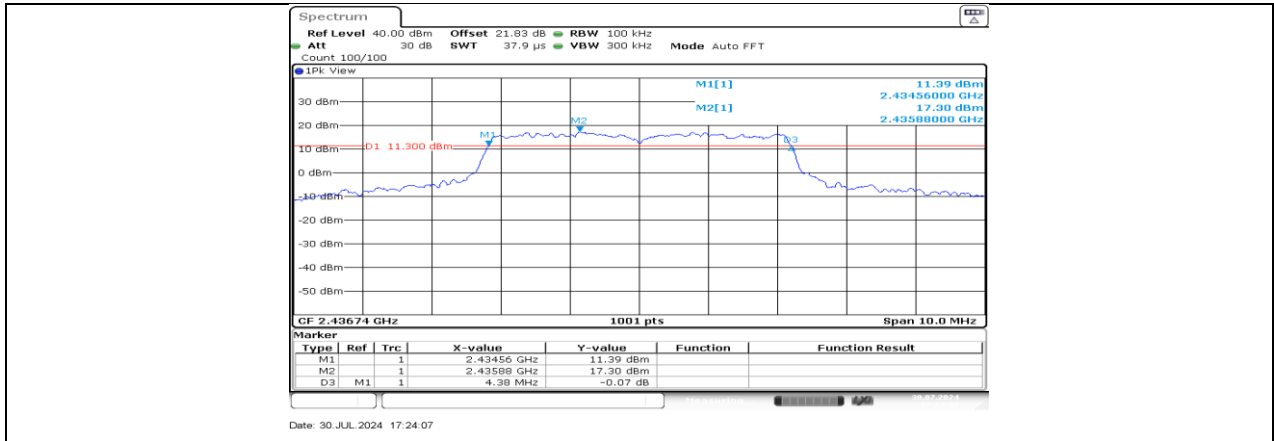
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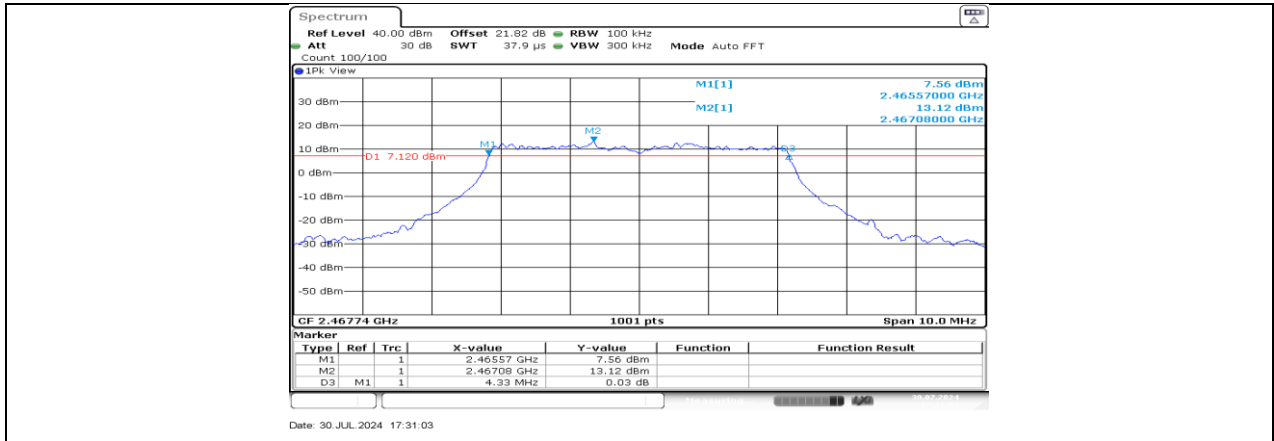


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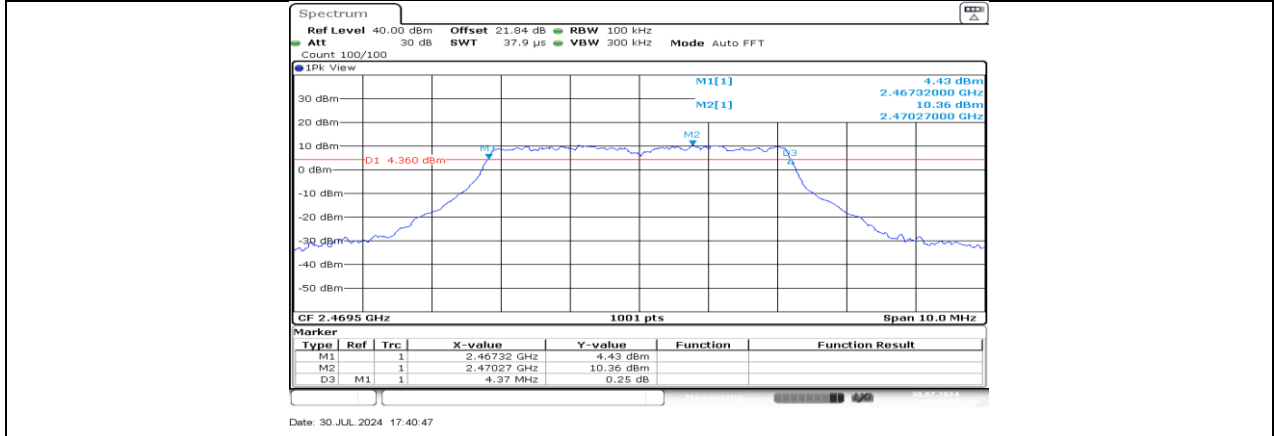


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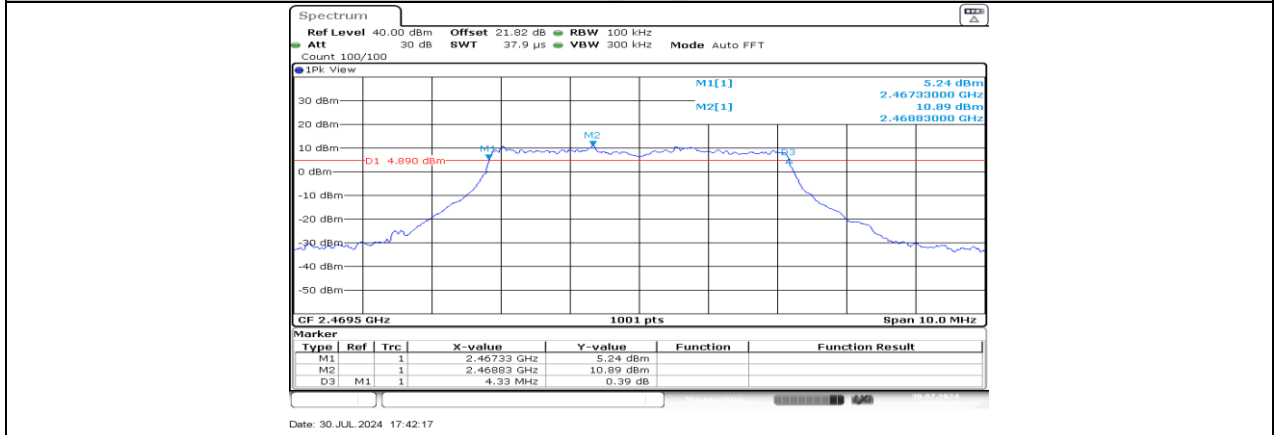




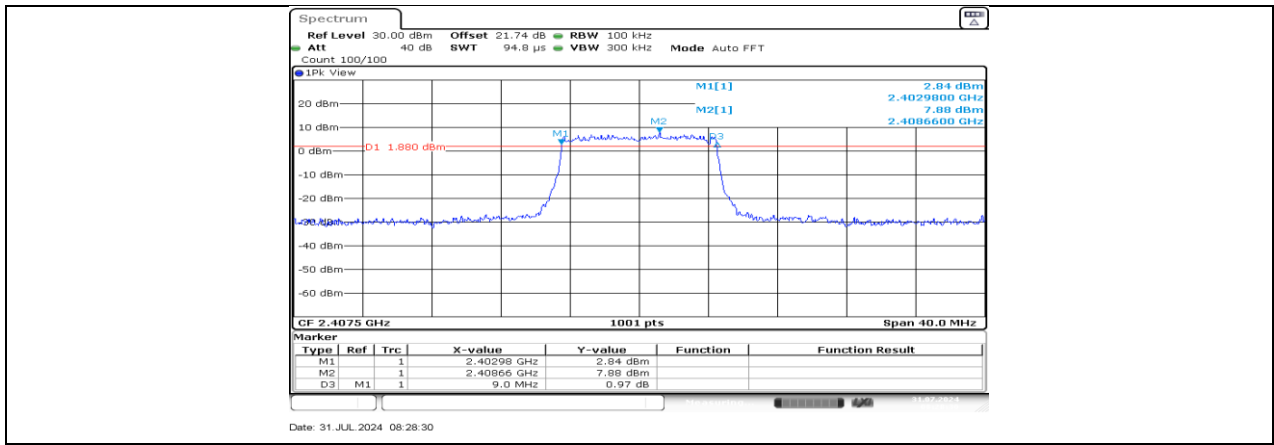
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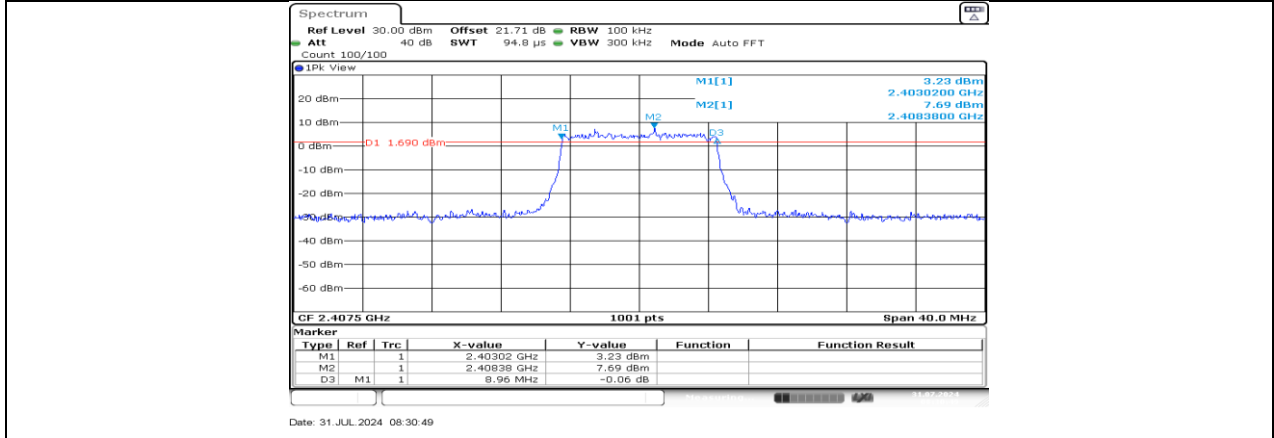
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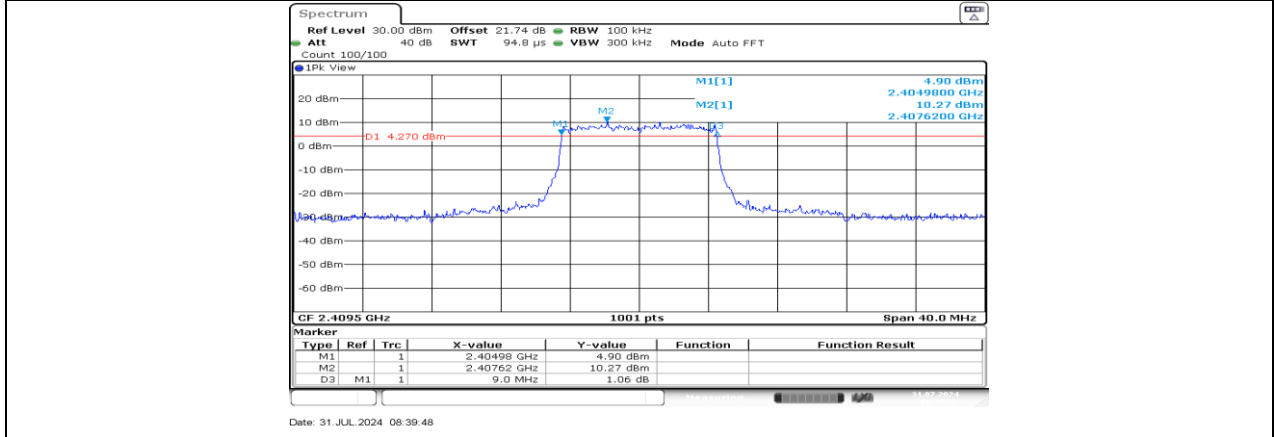
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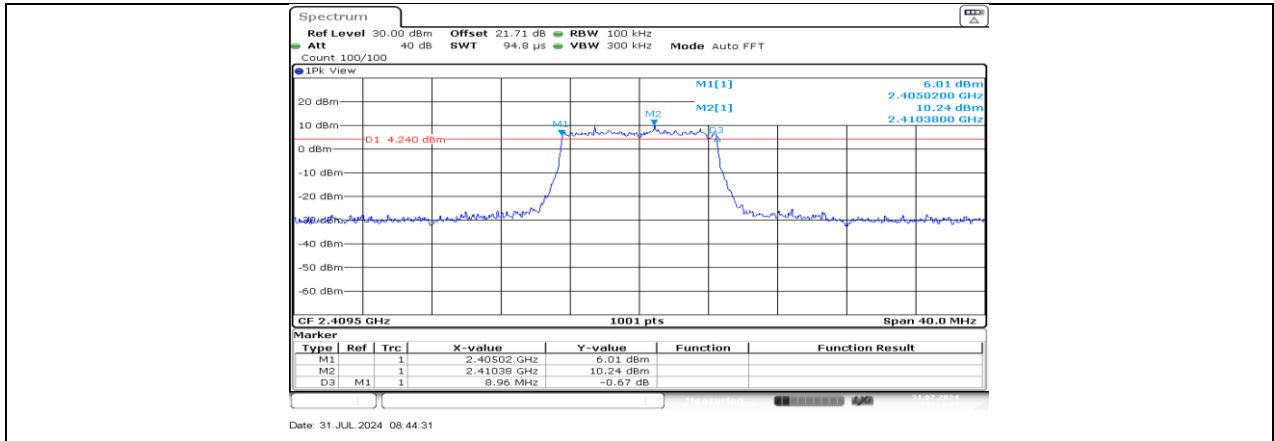
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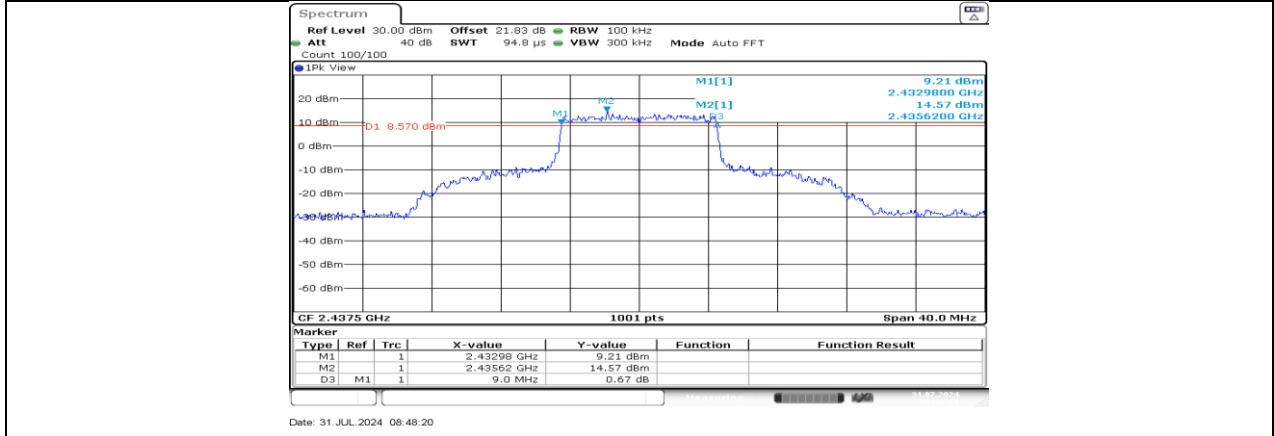
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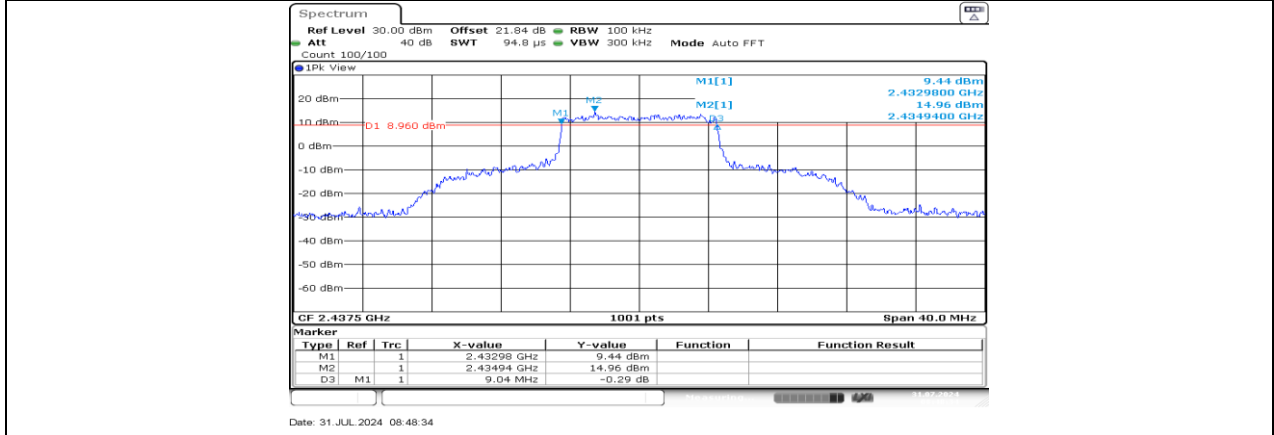
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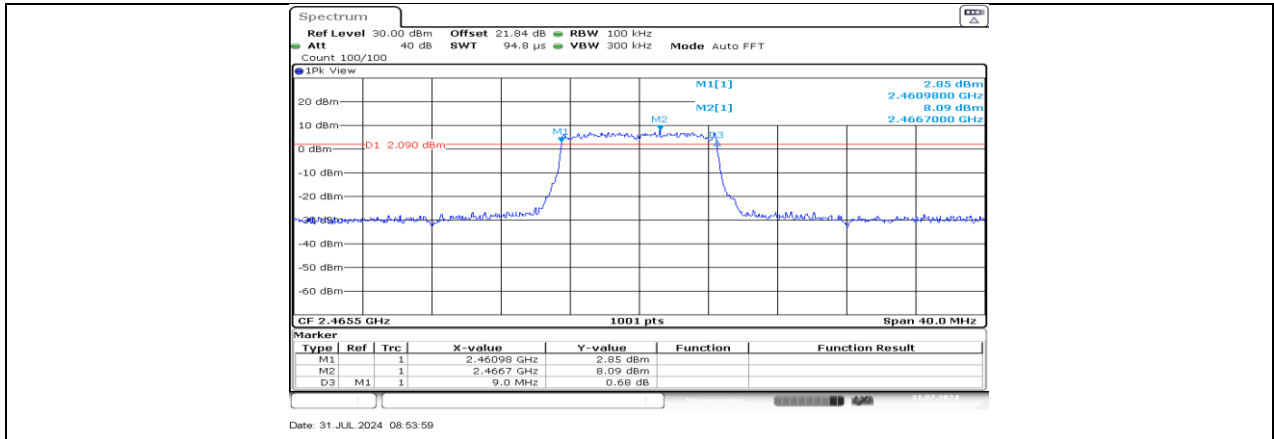
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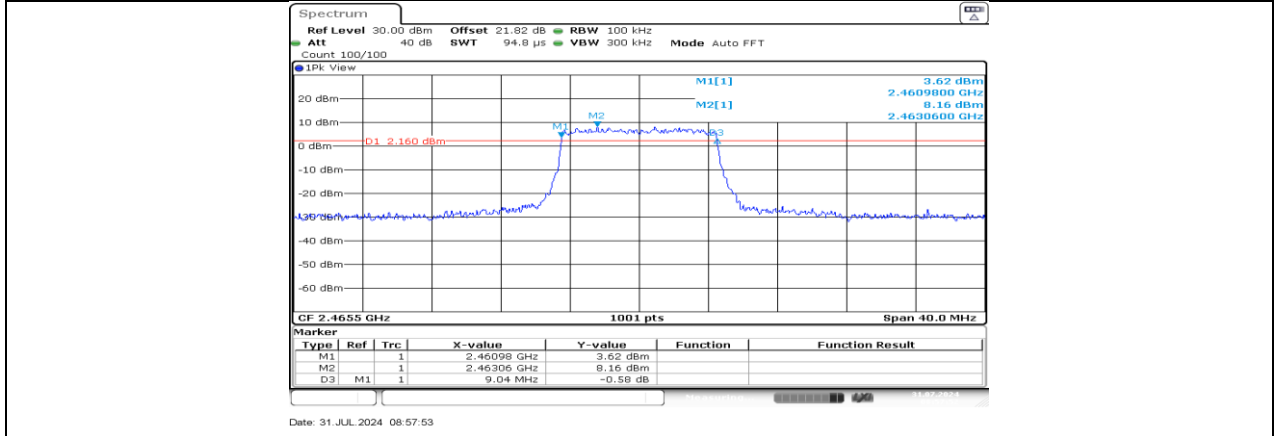
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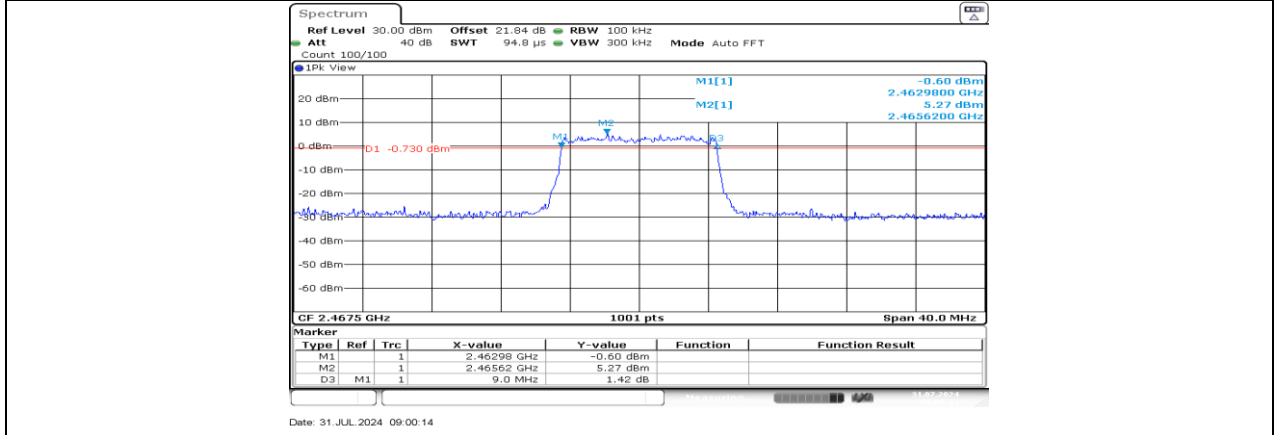
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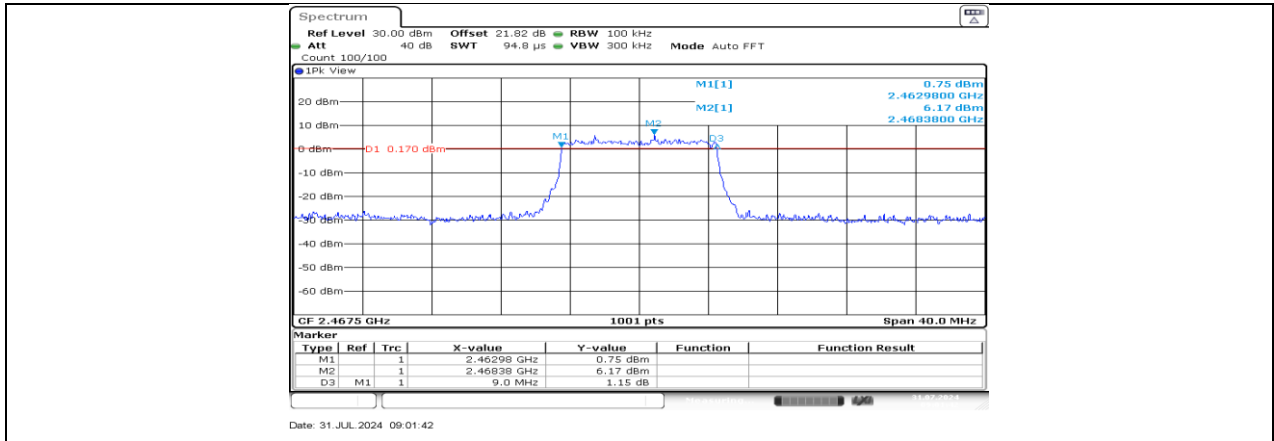
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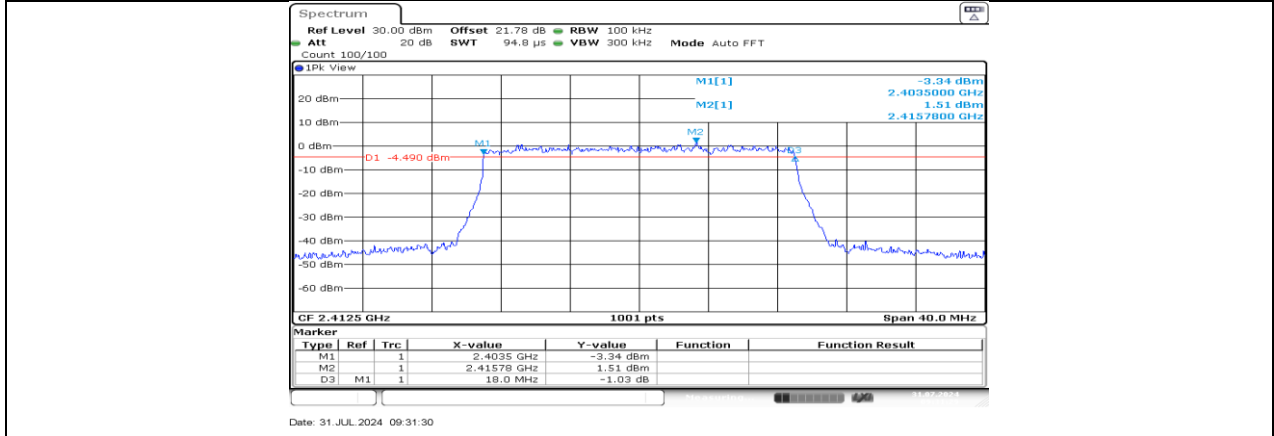
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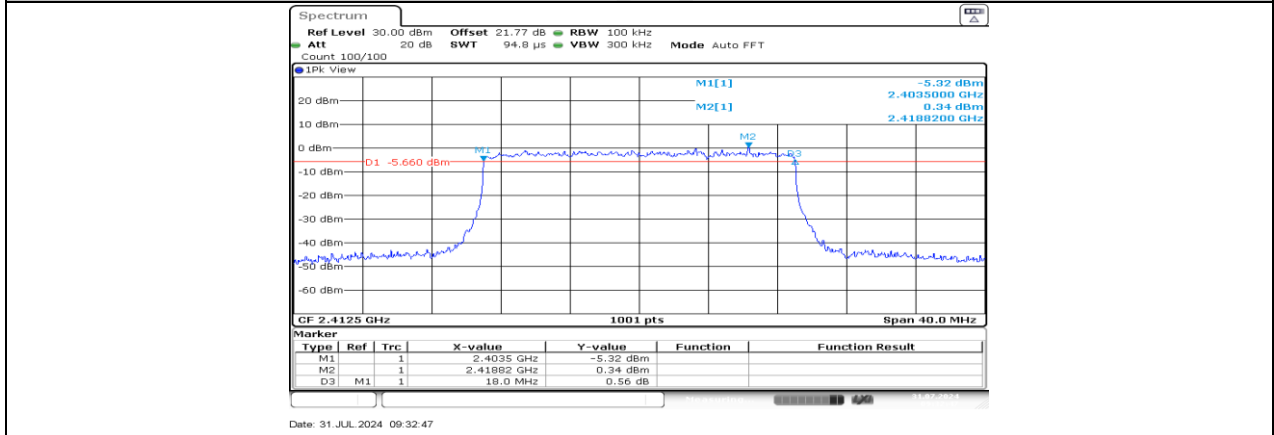
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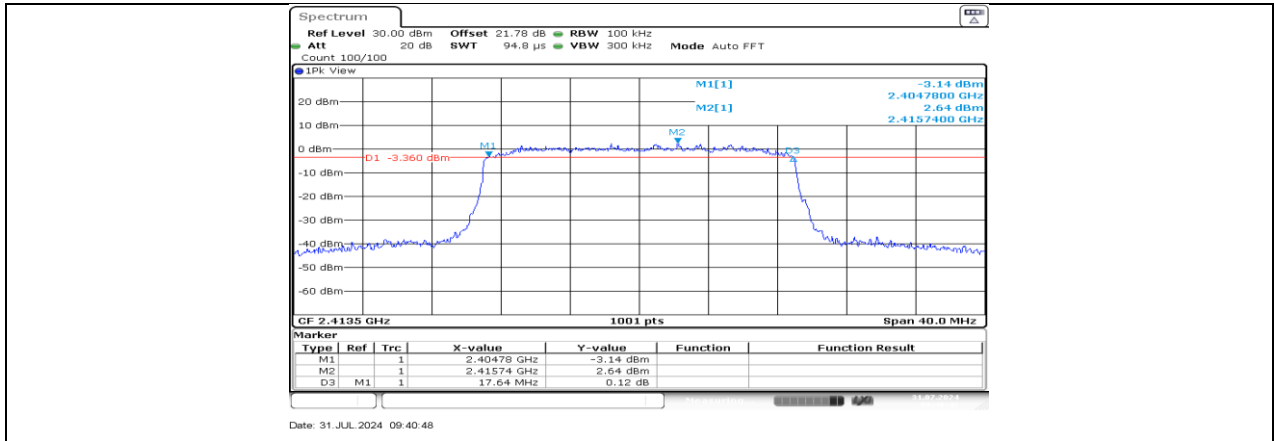
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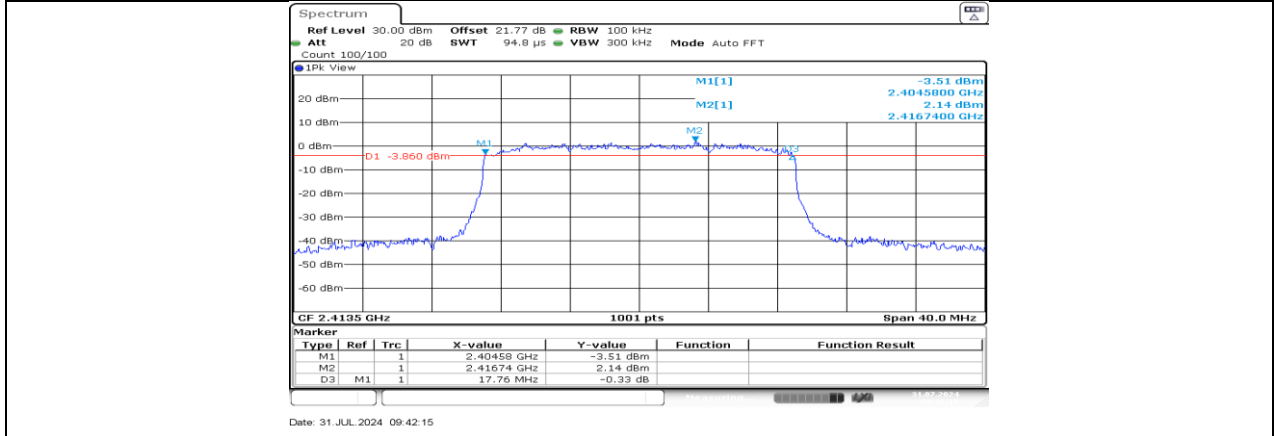
SRD 20M_Ant0_2412.5



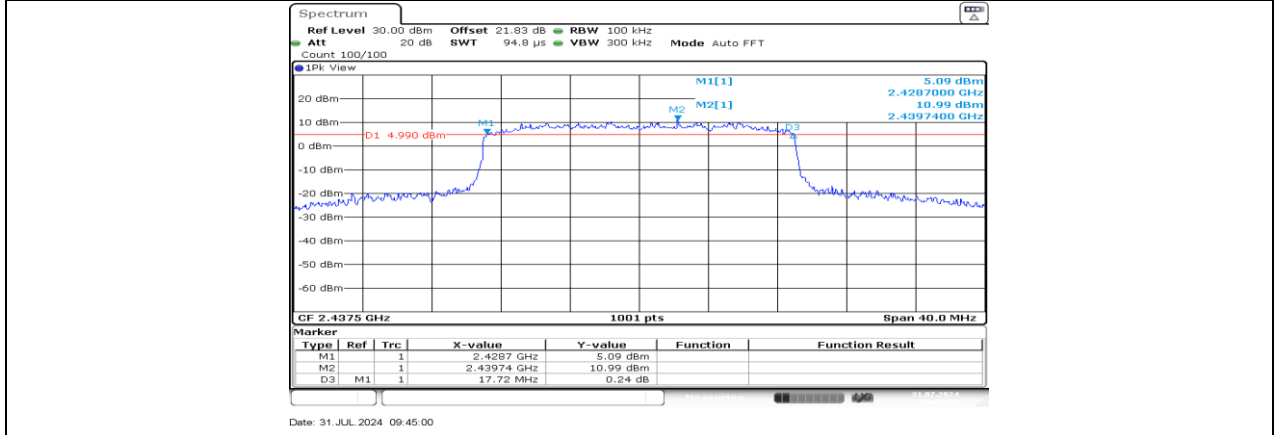
SRD 20M_Ant1_2412.5



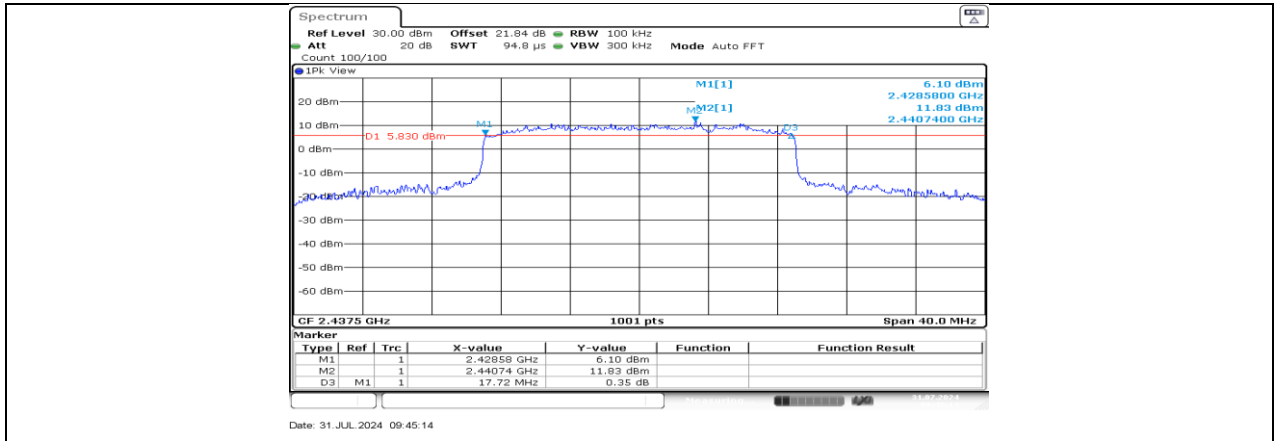
SRD 20M_Ant0_2413.5



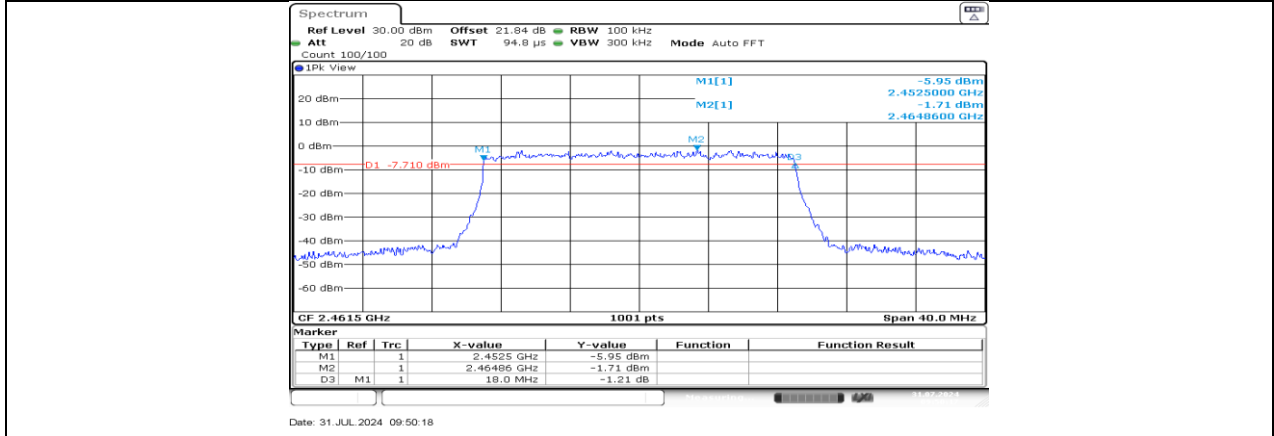
SRD 20M_Ant1_2413.5



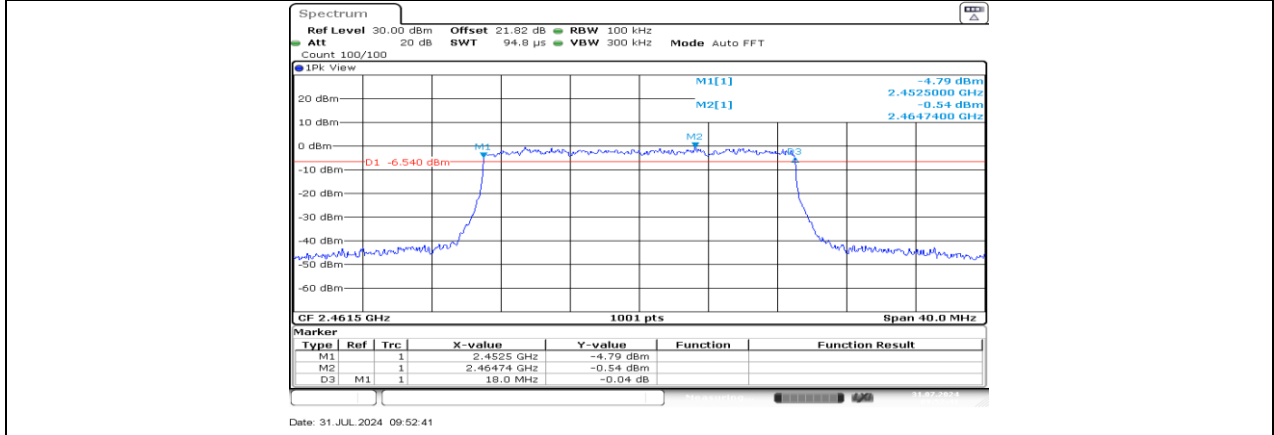
SRD 20M_Ant0_2437.5



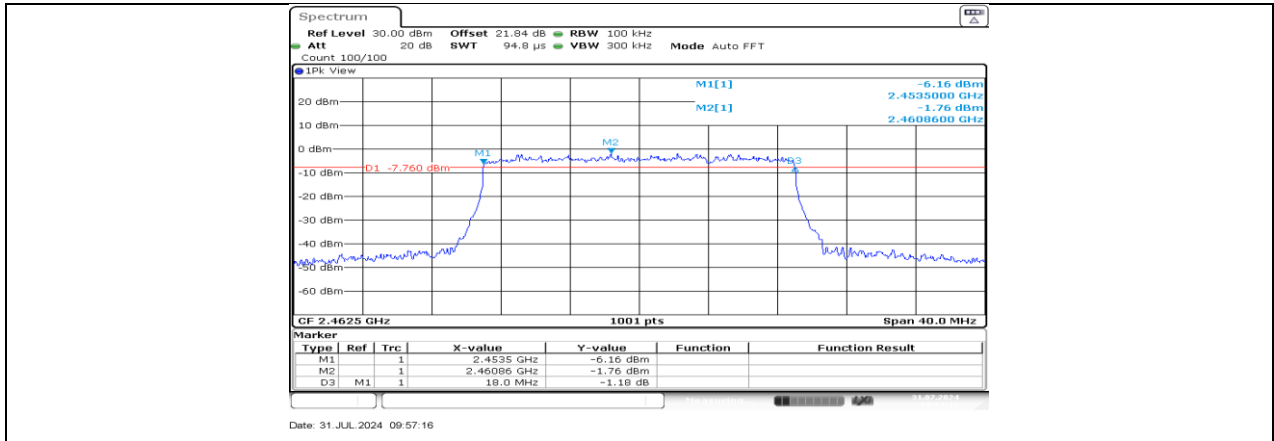
SRD 20M_Ant1_2437.5



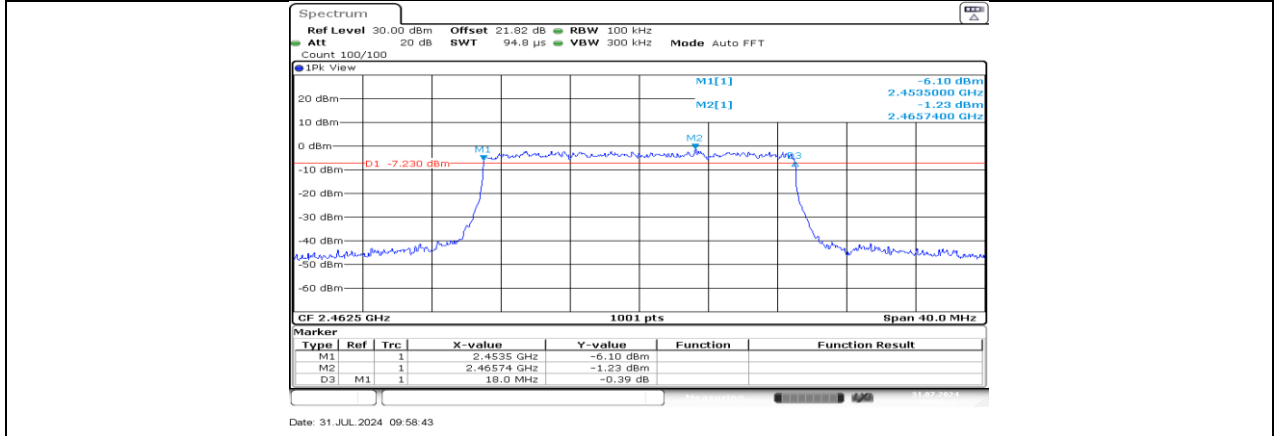
SRD 20M_Ant0_2461.5



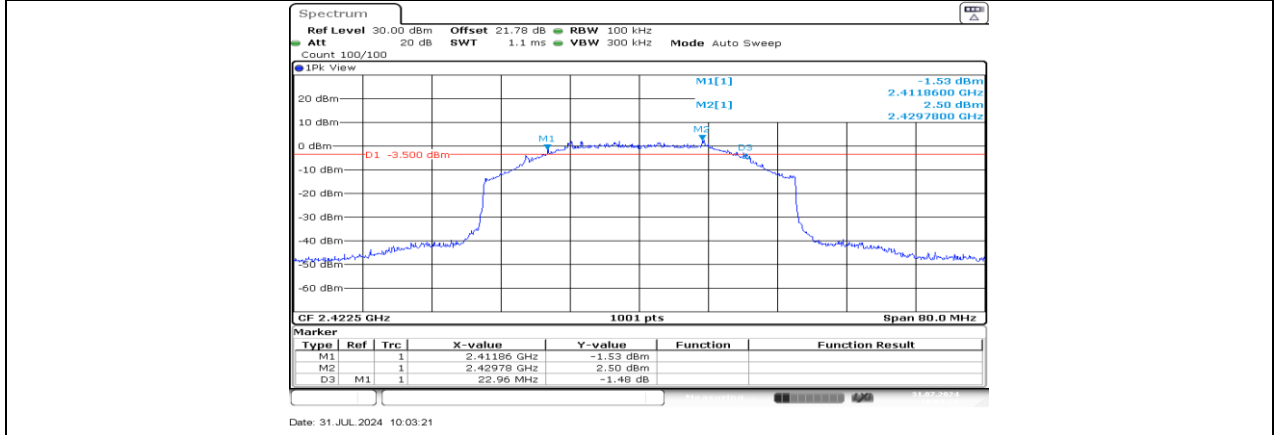
SRD 20M_Ant1_2461.5



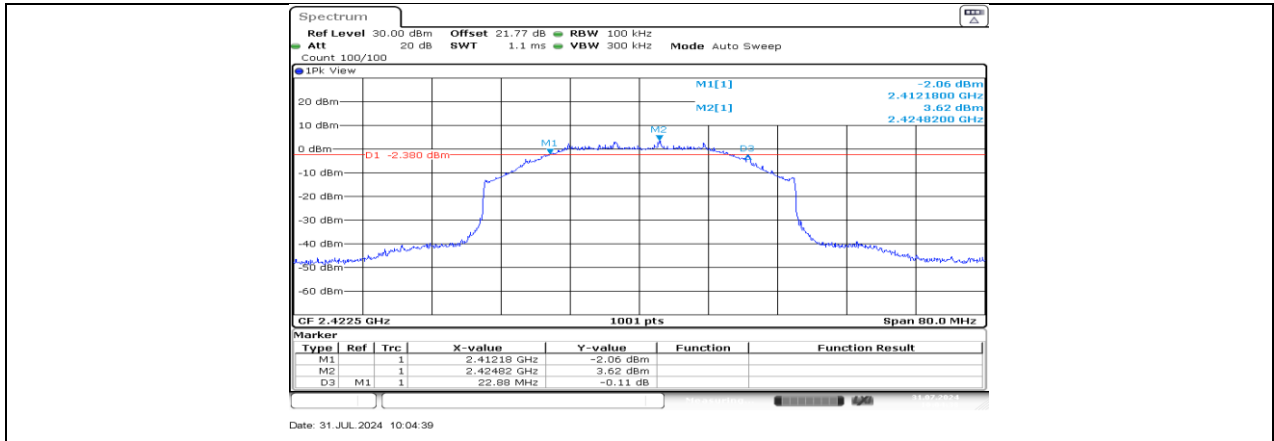
SRD 20M_Ant0_2462.5



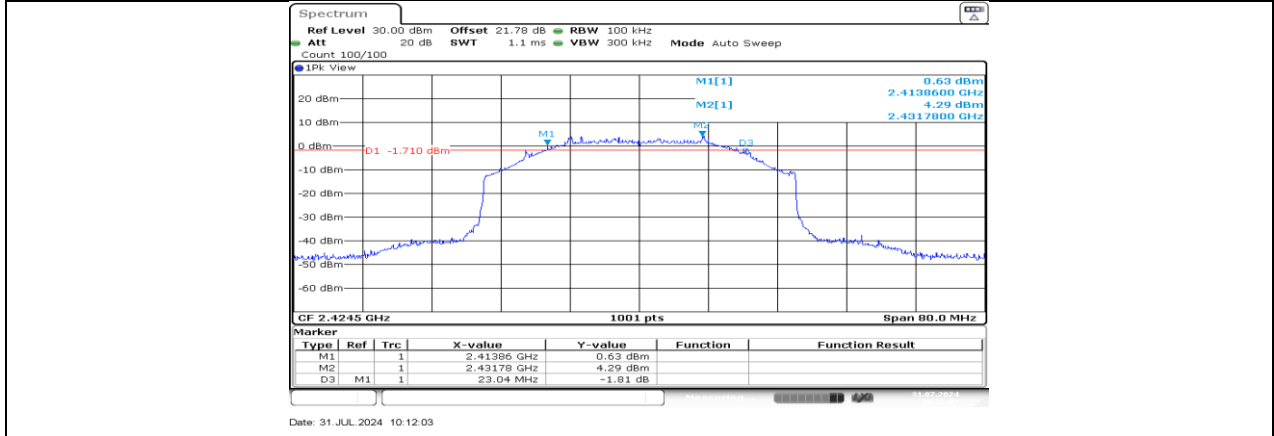
SRD 20M_Ant1_2462.5



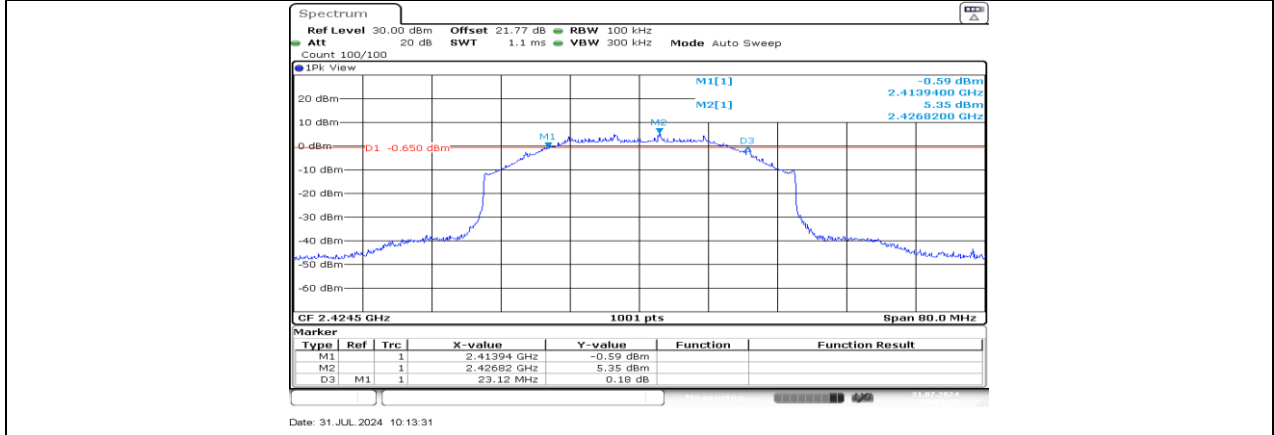
SRD 40M_Ant0_2422.5



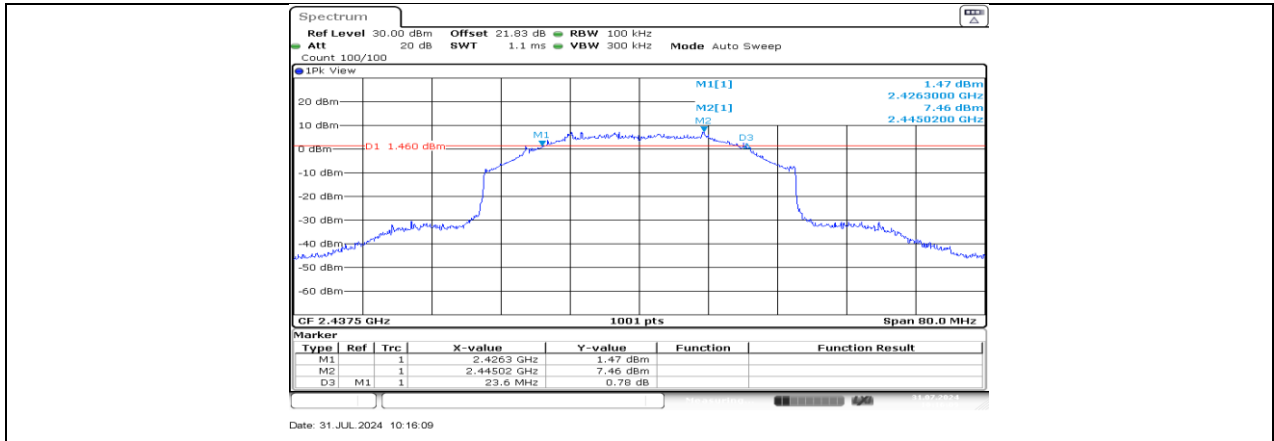
SRD 40M_Ant1_2422.5



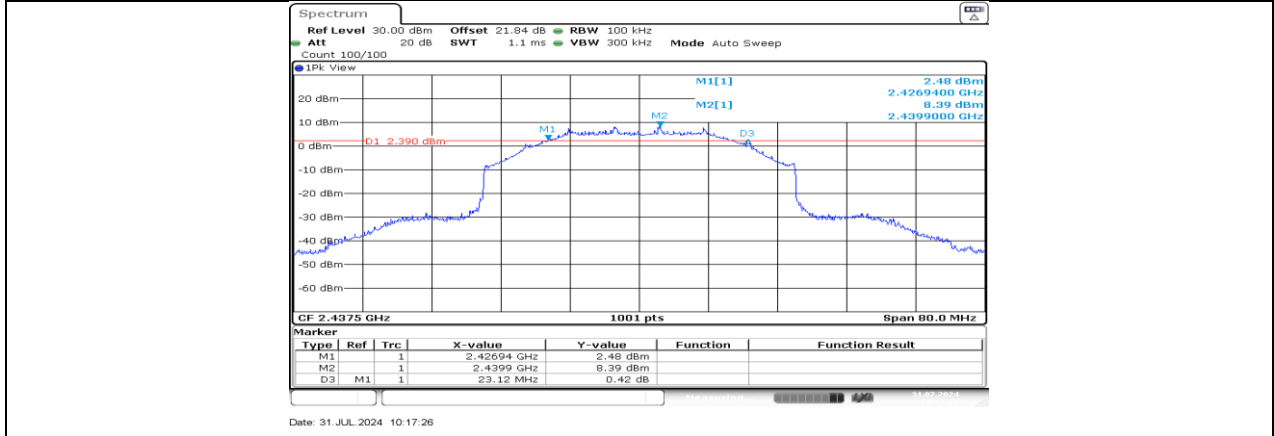
SRD 40M_Ant0_2424.5



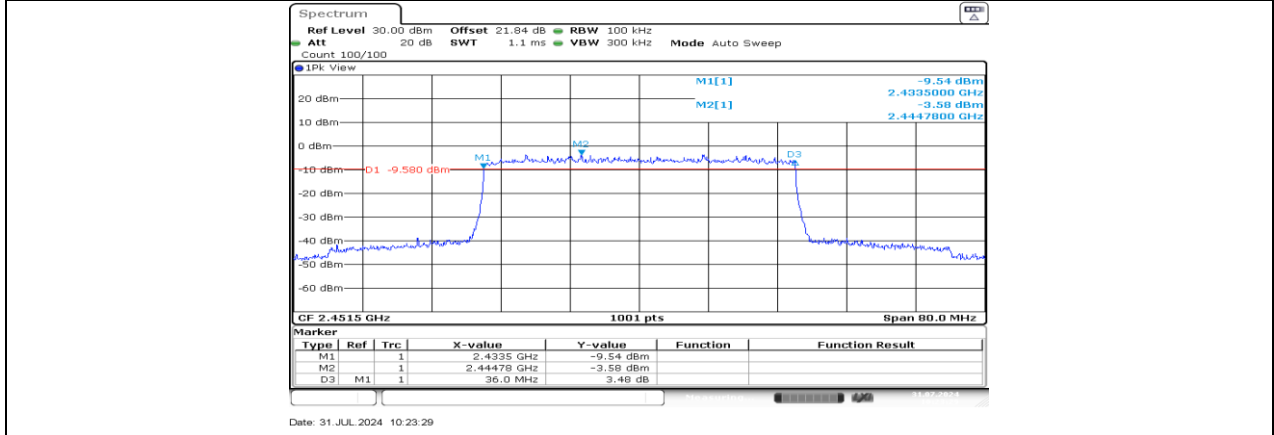
SRD 40M_Ant1_2424.5



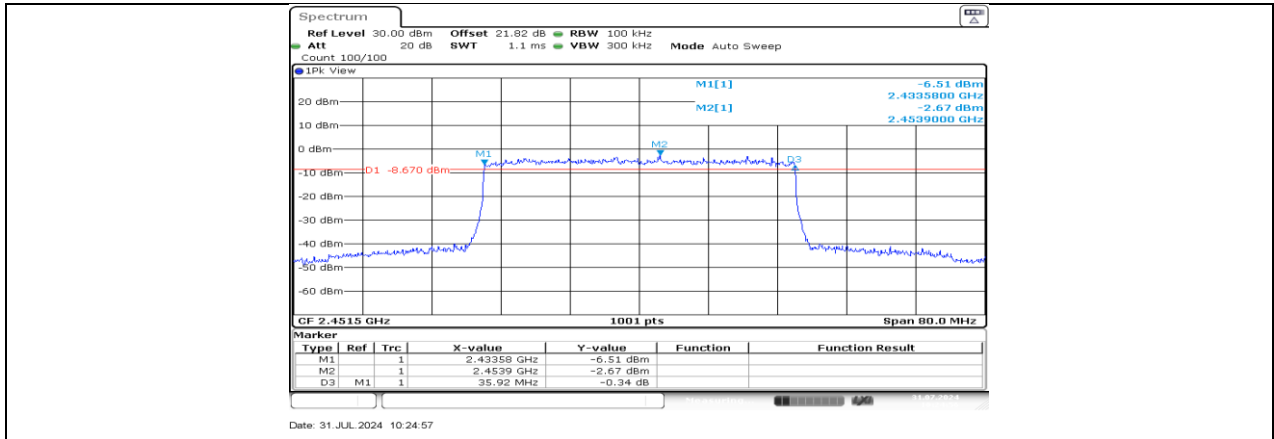
SRD 40M_Ant0_2437.5



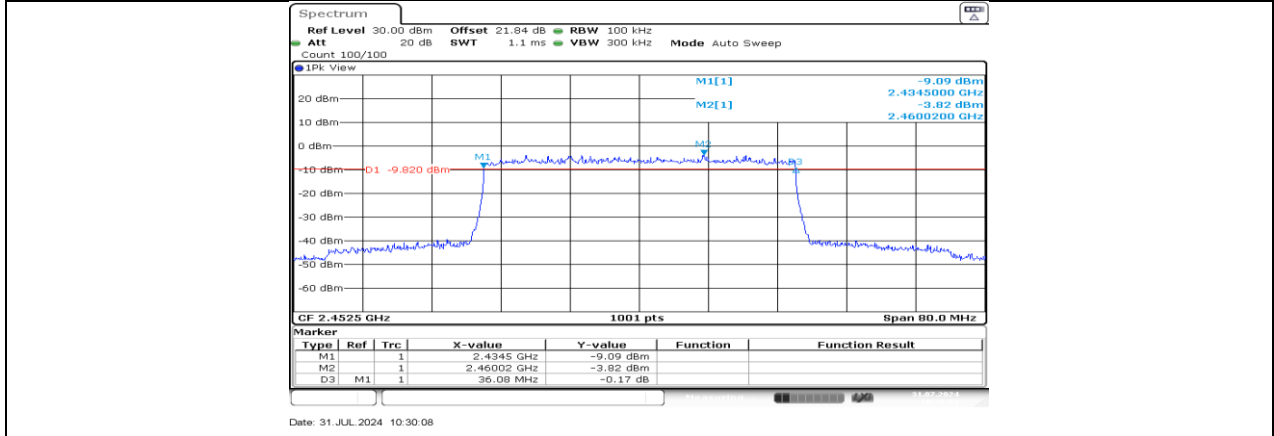
SRD 40M_Ant1_2437.5



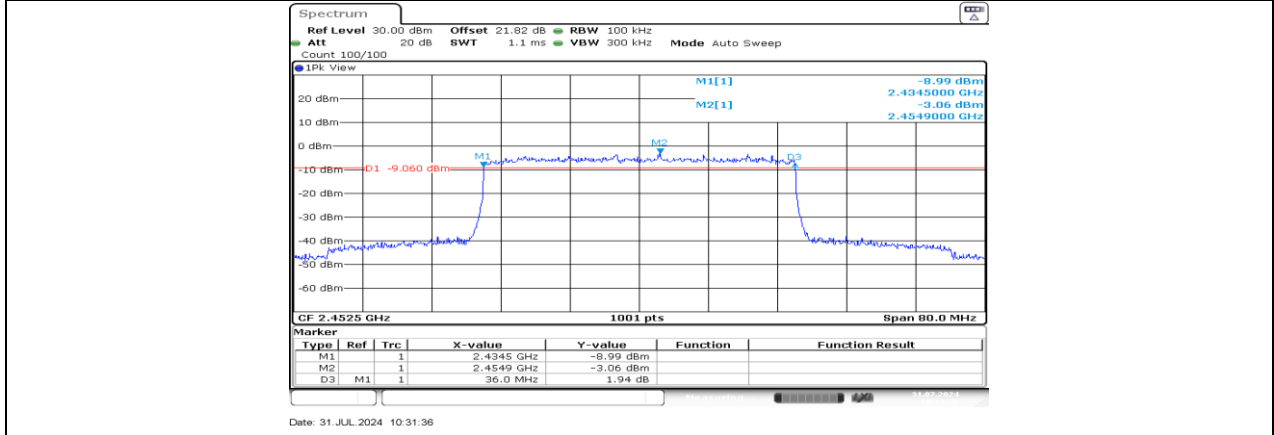
SRD 40M_Ant0_2451.5



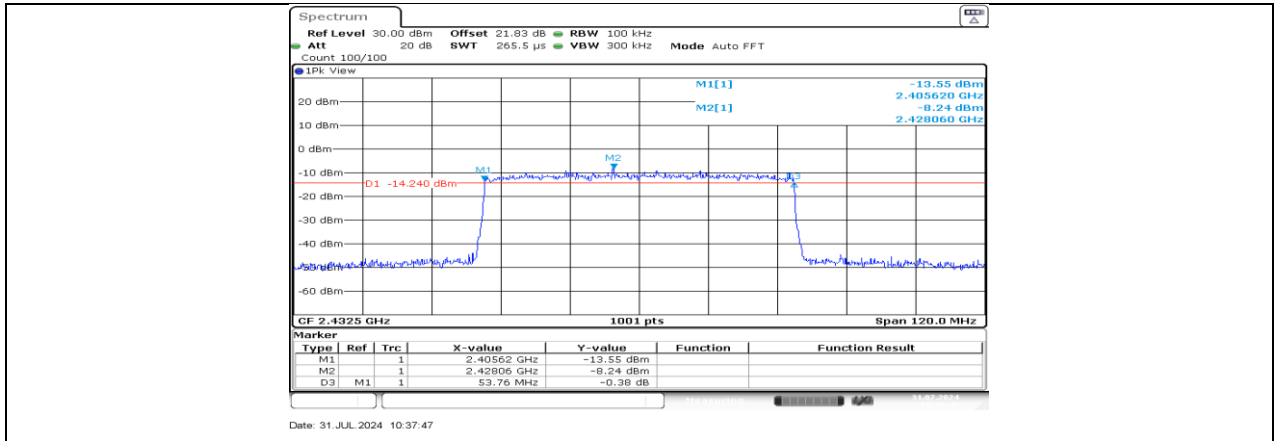
SRD 40M_Ant1_2451.5



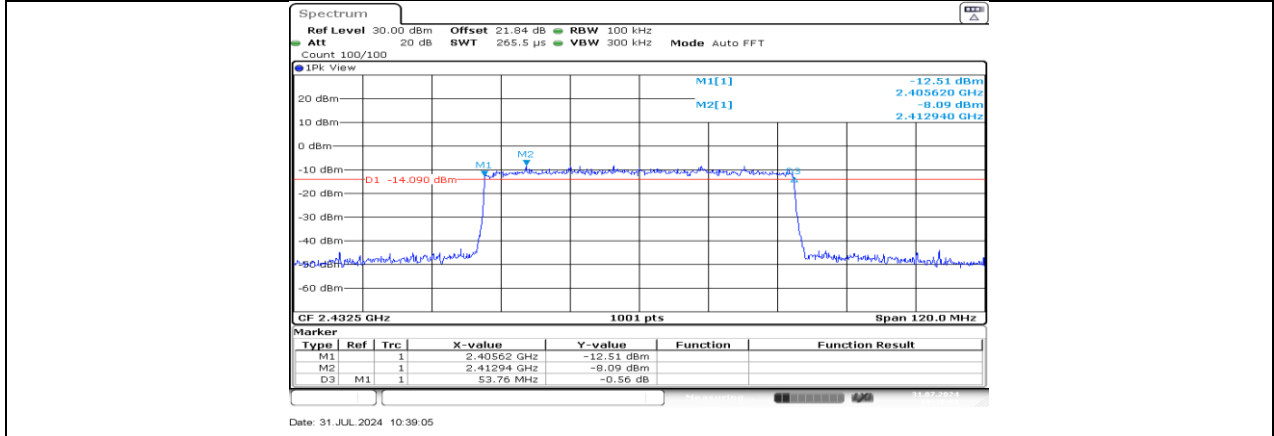
SRD 40M_Ant0_2452.5



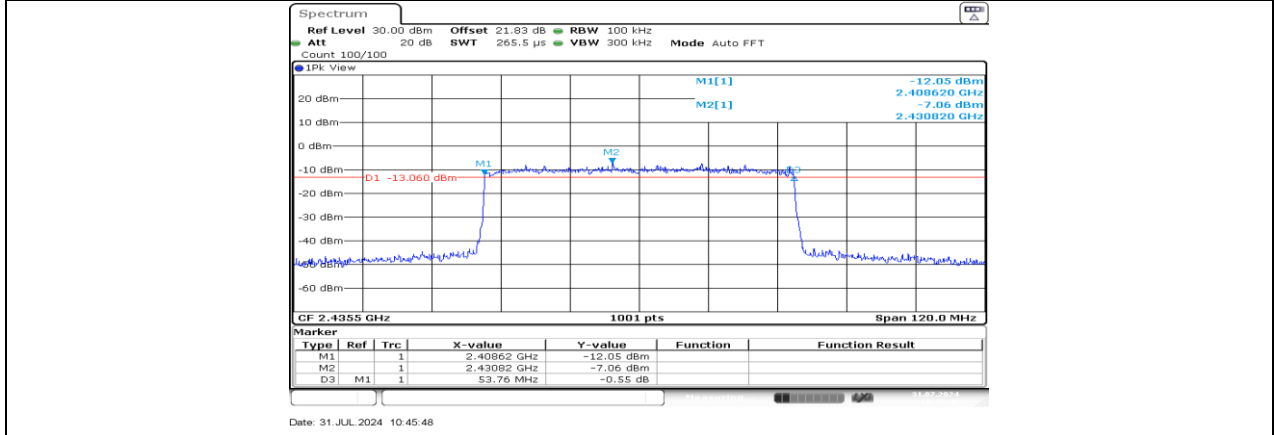
SRD 40M_Ant1_2452.5



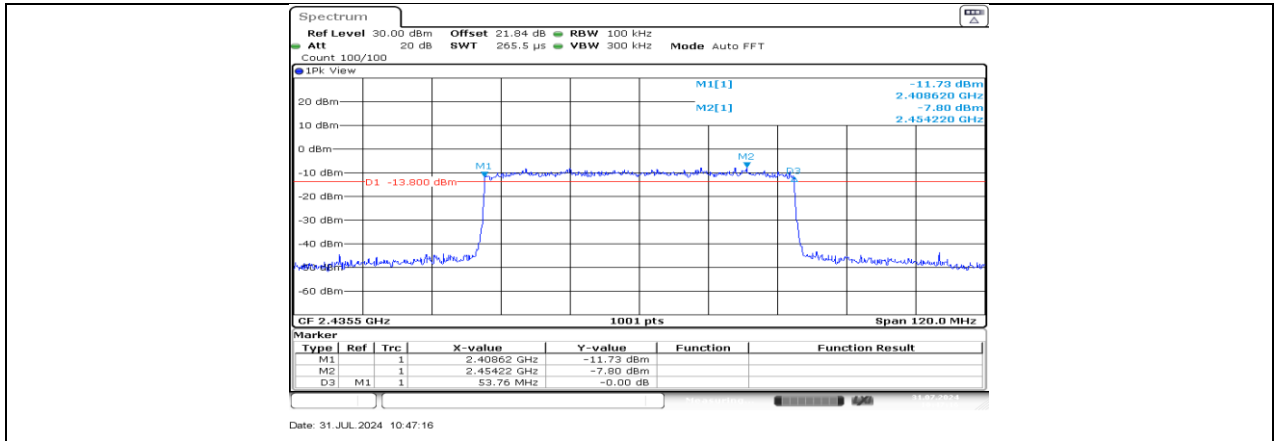
SRD 60M_Ant0_2432.5



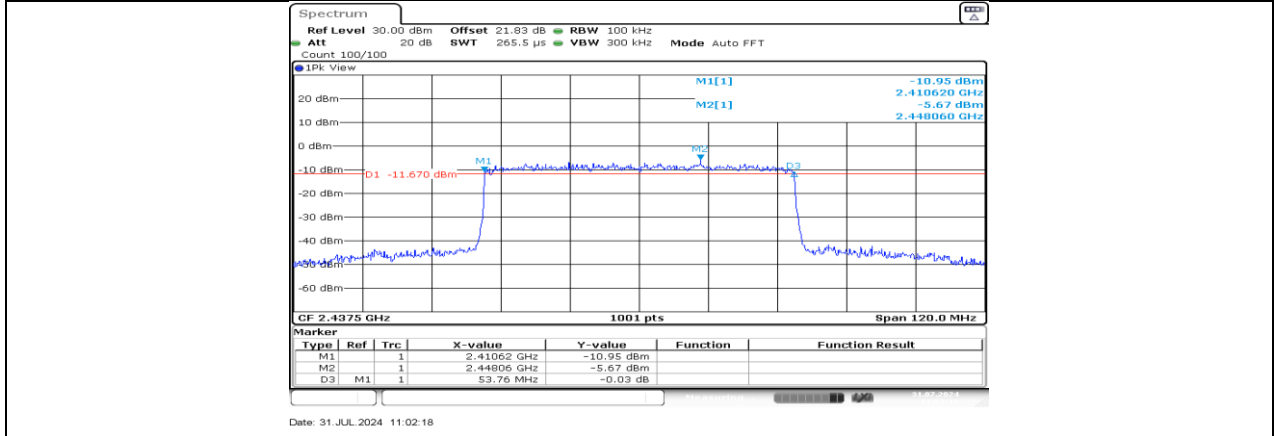
SRD 60M_Ant1_2432.5



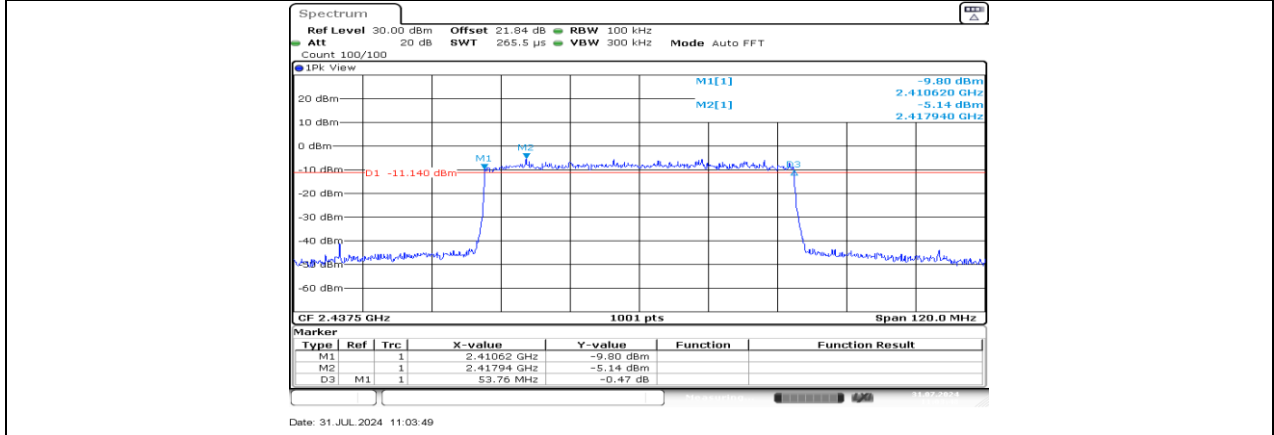
SRD 60M_Ant0_2435.5



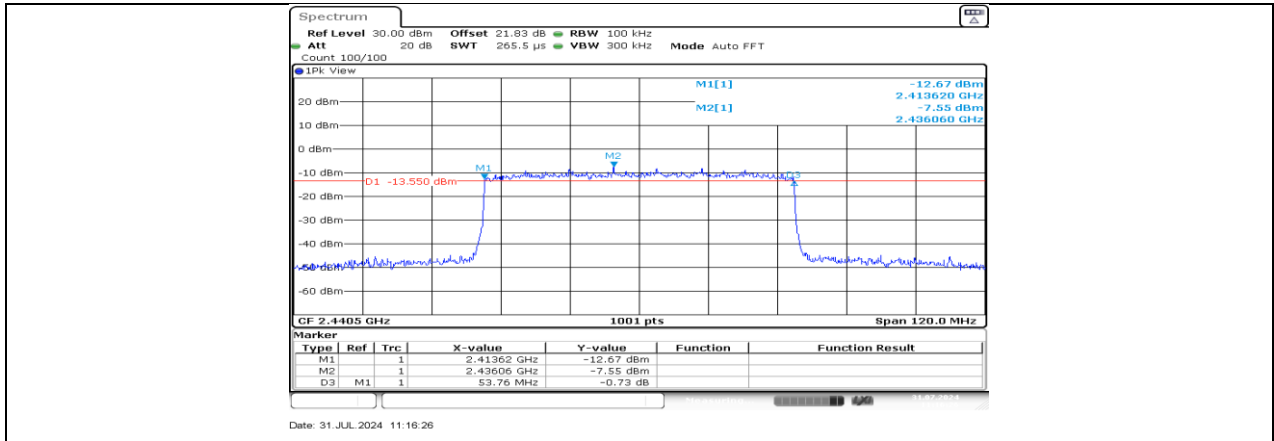
SRD 60M_Ant1_2435.5



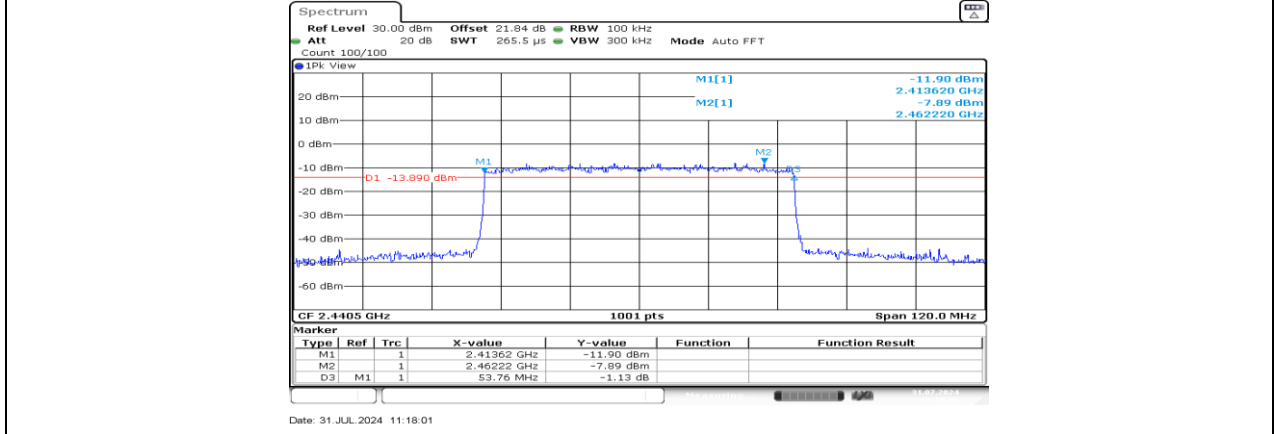
SRD 60M_Ant0_2437.5



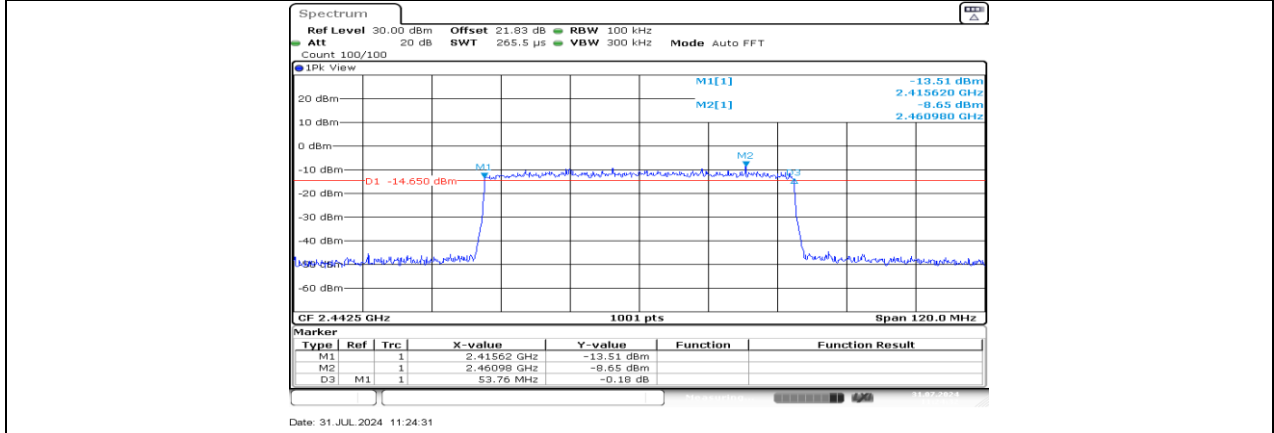
SRD 60M_Ant1_2437.5



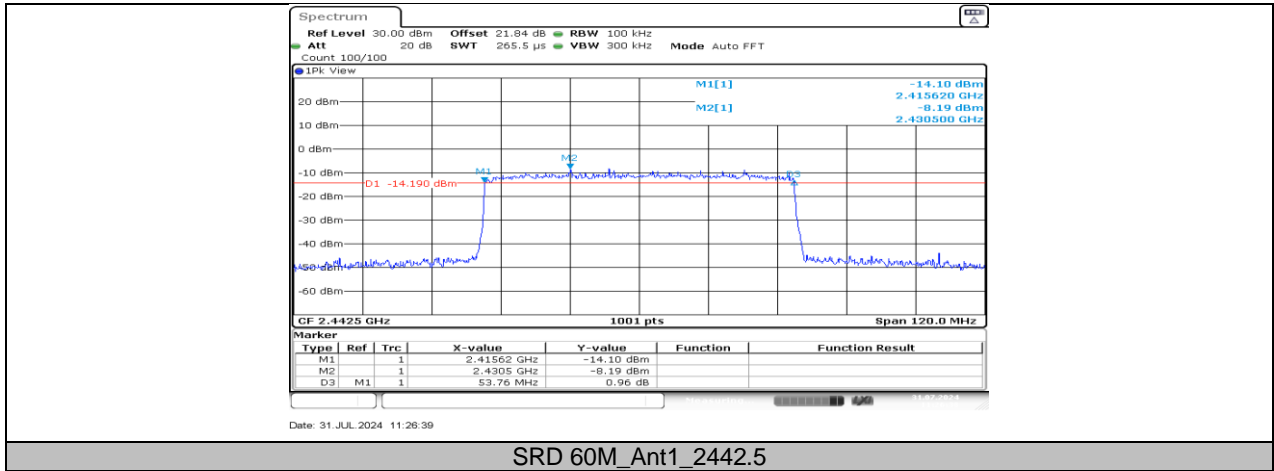
SRD 60M_Ant0_2440.5



SRD 60M_Ant1_2440.5



SRD 60M_Ant0_2442.5



SRD 60M_Ant1_2442.5

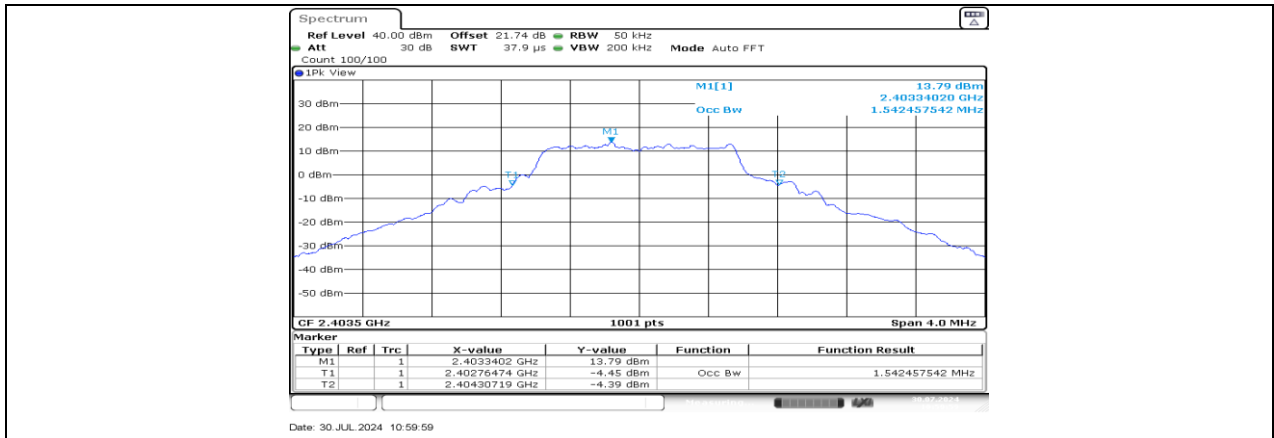
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

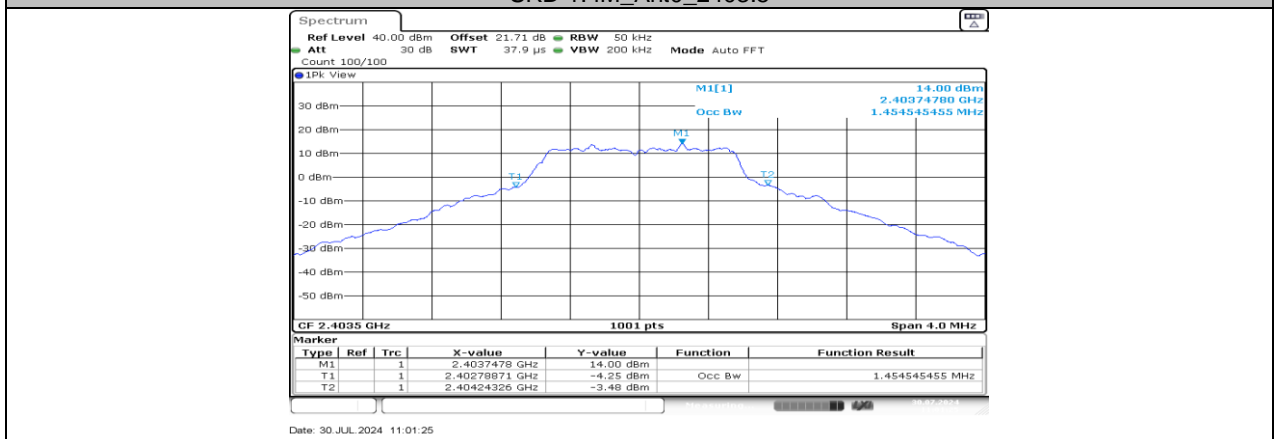
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
SRD 1.4M	Ant0	2403.5	1.542	2402.7647	2404.3072
	Ant1	2403.5	1.455	2402.7887	2404.2433
	Ant0	2404.69	1.538	2403.9627	2405.5012
	Ant1	2404.69	1.463	2403.9747	2405.4373
	Ant0	2435.5	1.59	2434.7408	2436.3312
	Ant1	2435.5	1.562	2434.7248	2436.2872
	Ant0	2467.12	1.57	2466.3727	2467.9432
	Ant1	2467.12	1.499	2466.3847	2467.8832
	Ant0	2469.12	1.55	2468.3807	2469.9312
	Ant1	2469.12	1.475	2468.4007	2469.8752
SRD 3M	Ant0	2405.5	2.278	2404.3551	2406.6329
	Ant1	2405.5	2.314	2404.3731	2406.6868
	Ant0	2407.88	2.314	2406.7112	2409.0249
	Ant1	2407.88	2.35	2406.7411	2409.0908
	Ant0	2436.12	2.368	2434.9152	2437.2828
	Ant1	2436.12	2.464	2434.9152	2437.3787
	Ant0	2465.2	2.29	2464.0432	2466.3329
	Ant1	2465.2	2.362	2464.0492	2466.4108
	Ant0	2468.2	2.284	2467.0492	2469.3329
	Ant1	2468.2	2.326	2467.0671	2469.3928
SRD 5M	Ant0	2404.5	4.386	2402.3022	2406.6878
	Ant1	2404.5	4.346	2402.3222	2406.6678
	Ant0	2408.26	4.386	2406.0622	2410.4478
	Ant1	2408.26	4.346	2406.0822	2410.4278
	Ant0	2436.74	4.575	2434.4423	2439.0177
	Ant1	2436.74	4.705	2434.4023	2439.1076
	Ant0	2467.74	4.386	2465.5422	2469.9278
	Ant1	2467.74	4.346	2465.5622	2469.9078
	Ant0	2469.5	4.386	2467.3022	2471.6878
	Ant1	2469.5	4.346	2467.3222	2471.6678
SRD 10M	Ant0	2407.5	8.991	2402.9845	2411.9755
	Ant1	2407.5	9.031	2402.9845	2412.0155
	Ant0	2409.5	8.991	2404.9845	2413.9755
	Ant1	2409.5	8.991	2404.9845	2413.9755
	Ant0	2437.5	9.191	2432.9046	2442.0954
	Ant1	2437.5	9.79	2432.5050	2442.2952
	Ant0	2465.5	8.991	2460.9845	2469.9755
	Ant1	2465.5	9.031	2460.9845	2470.0155
	Ant0	2467.5	9.031	2462.9446	2471.9755
	Ant1	2467.5	9.031	2462.9845	2472.0155
SRD 20M	Ant0	2412.5	18.062	2403.5090	2421.5709
	Ant1	2412.5	18.022	2403.5090	2421.5310
	Ant0	2413.5	17.902	2404.5889	2422.4910
	Ant1	2413.5	17.862	2404.5889	2422.4510
	Ant0	2437.5	17.902	2428.5889	2446.4910
	Ant1	2437.5	17.942	2428.5490	2446.4910
	Ant0	2461.5	18.142	2452.4690	2470.6109
	Ant1	2461.5	18.062	2452.5090	2470.5709
	Ant0	2462.5	18.142	2453.4690	2471.6109
	Ant1	2462.5	18.102	2453.4690	2471.5709
SRD 40M	Ant0	2422.5	32.847	2406.1164	2438.9635
	Ant1	2422.5	32.767	2406.1963	2438.9635
	Ant0	2424.5	32.527	2408.2762	2440.8037

	Ant1	2424.5	32.448	2408.3561	2440.8037
	Ant0	2437.5	32.288	2421.4361	2453.7238
	Ant1	2437.5	32.368	2421.3561	2453.7238
	Ant0	2451.5	36.444	2433.3581	2469.8017
	Ant1	2451.5	36.284	2433.4381	2469.7218
	Ant0	2452.5	36.444	2434.3581	2470.8017
	Ant1	2452.5	36.364	2434.3581	2470.7218
SRD 60M	Ant0	2432.5	53.946	2405.6469	2459.5929
	Ant1	2432.5	53.946	2405.6469	2459.5929
	Ant0	2435.5	53.946	2408.6469	2462.5929
	Ant1	2435.5	53.946	2408.6469	2462.5929
	Ant0	2437.5	54.066	2410.5270	2464.5929
	Ant1	2437.5	53.946	2410.6469	2464.5929
	Ant0	2440.5	54.066	2413.5270	2467.5929
	Ant1	2440.5	53.946	2413.6469	2467.5929
	Ant0	2442.5	54.066	2415.5270	2469.5929
	Ant1	2442.5	54.066	2415.5270	2469.5929

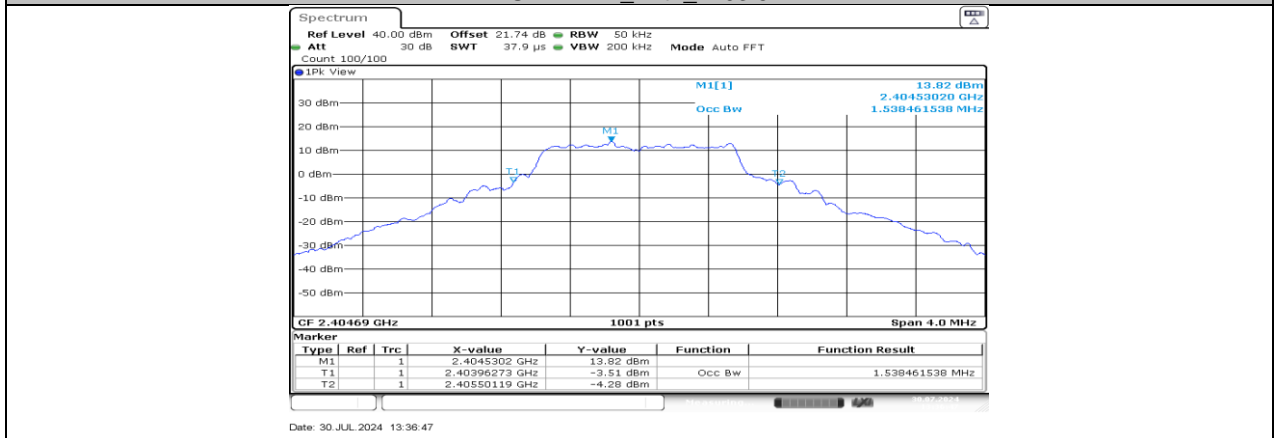
11.2.2. Test Graphs



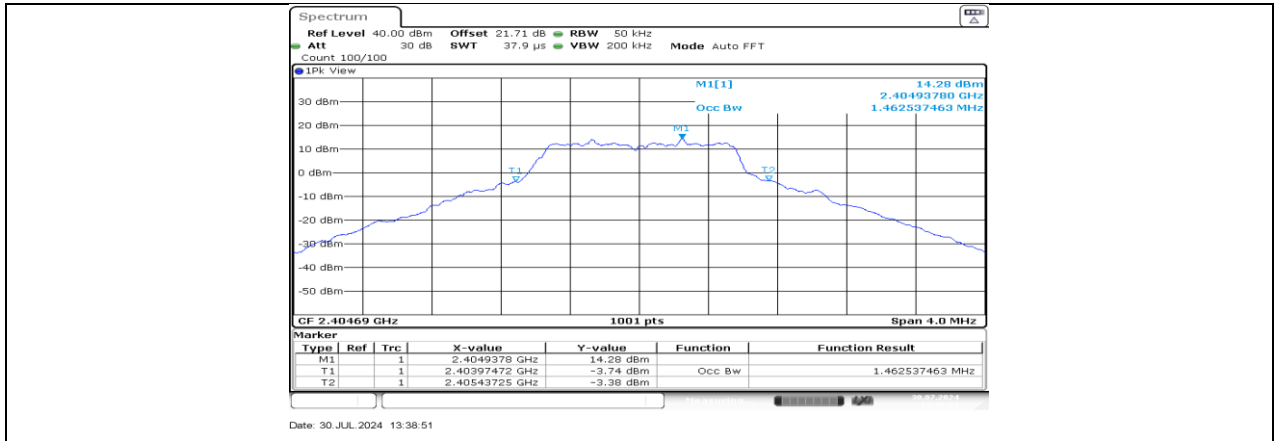
SRD 1.4M_Ant0_2403.5



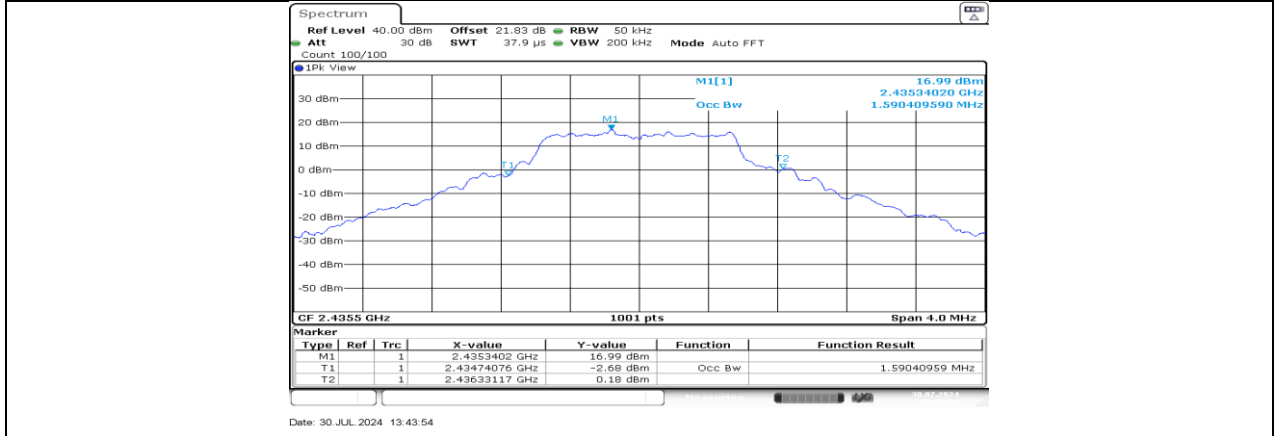
SRD 1.4M_Ant1_2403.5



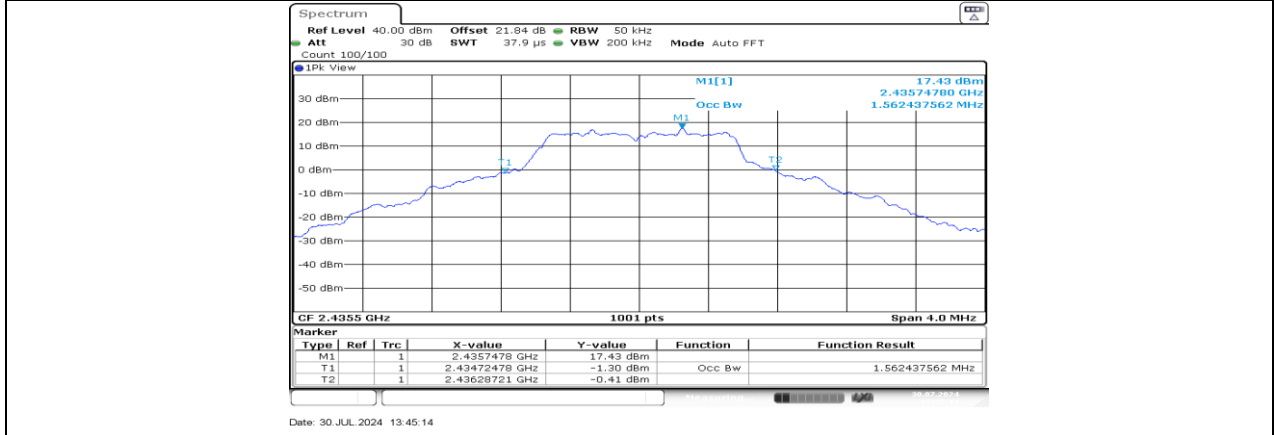
SRD 1.4M_Ant0_2404.69



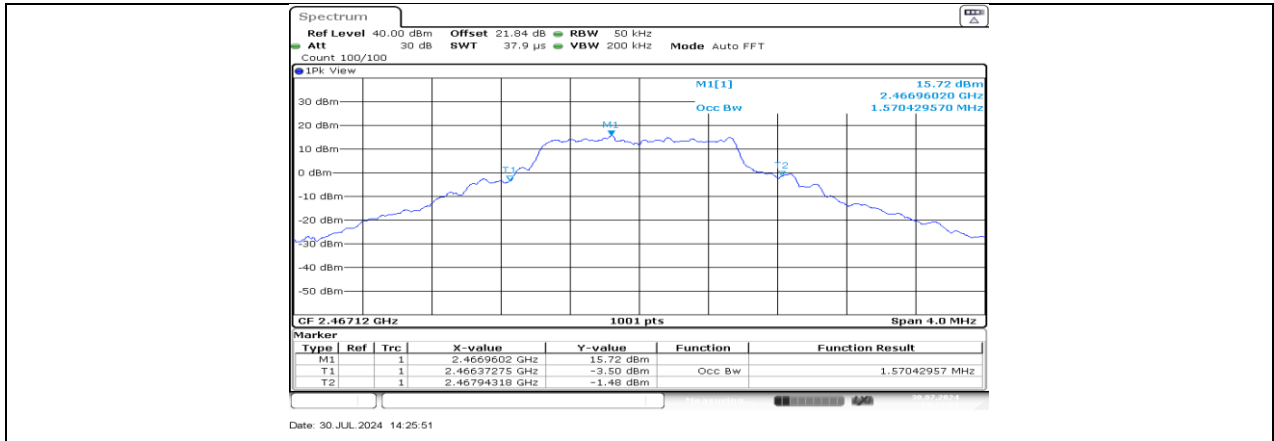
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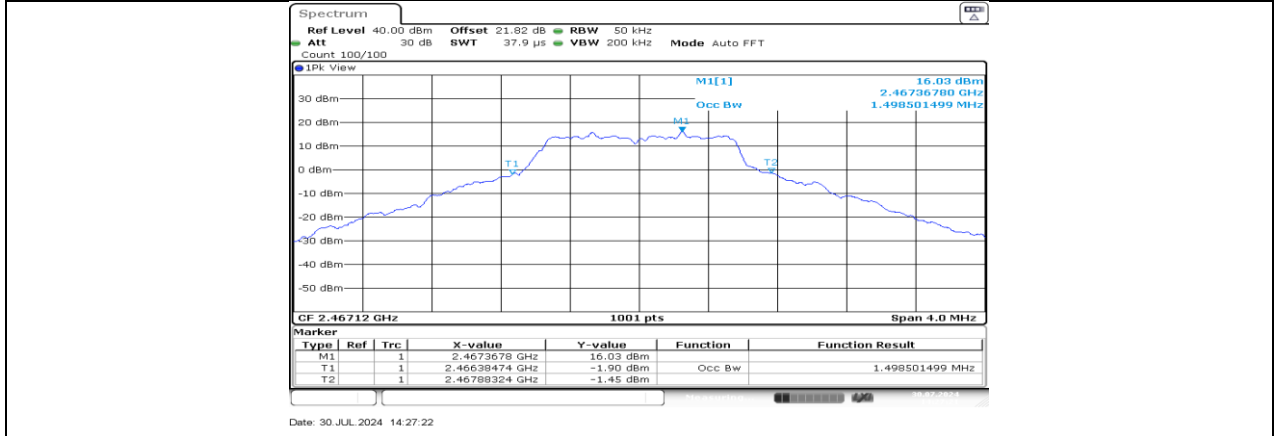
SRD 1.4M_Ant0_2435.5



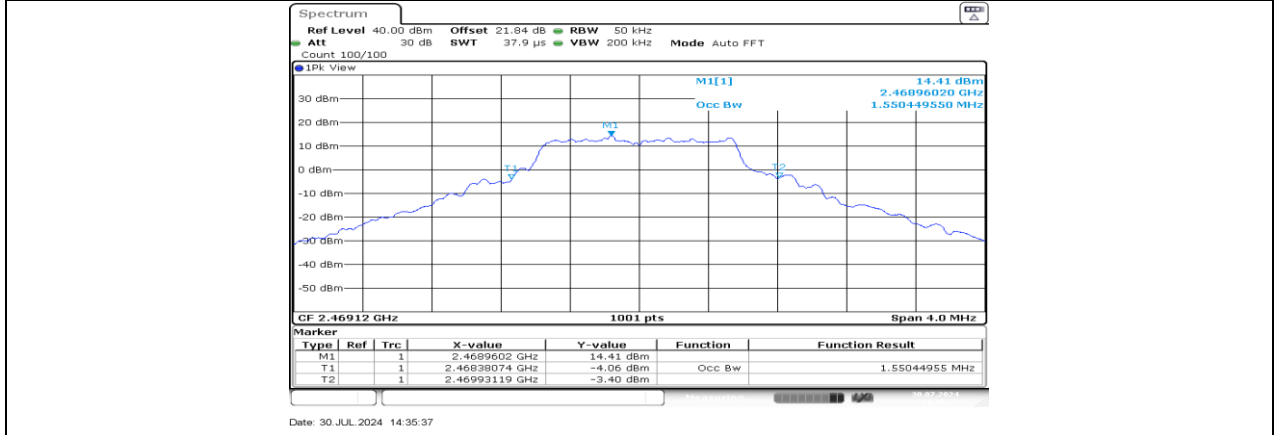
SRD 1.4M_Ant1_2435.5



SRD 1.4M_Ant0_2467.12



SRD 1.4M_Ant1_2467.12



SRD 1.4M_Ant0_2469.12