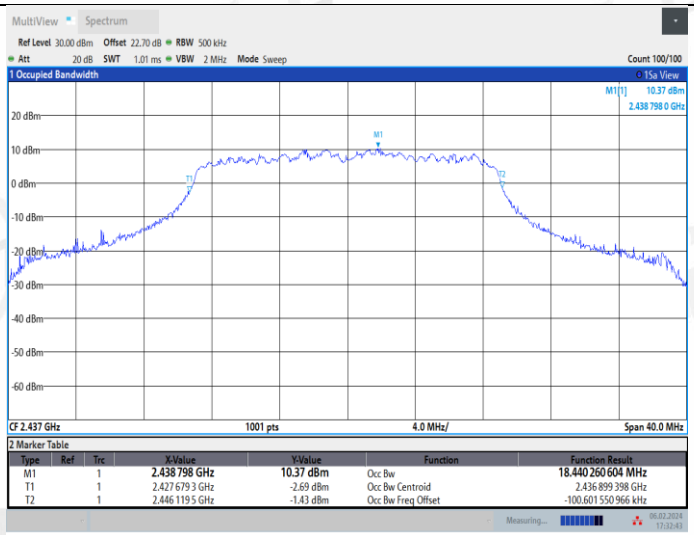
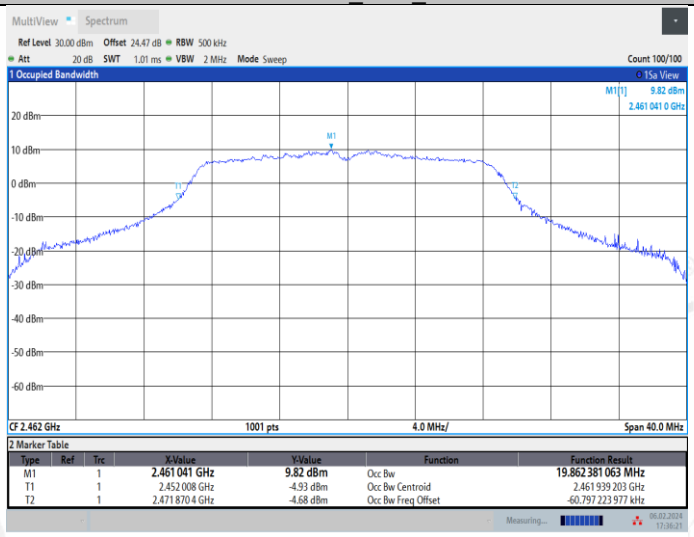
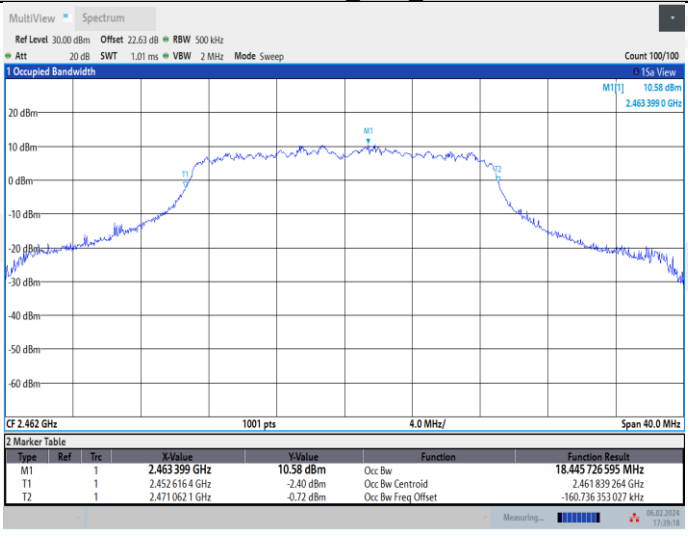


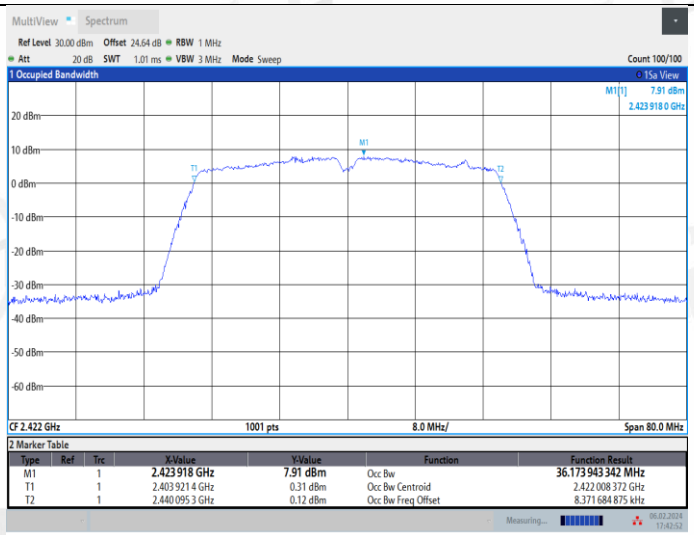
11N20MIMO_Ant1_2462



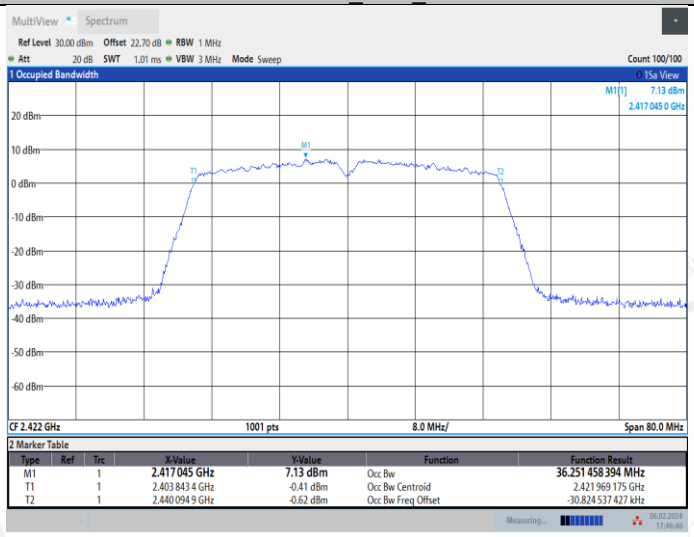
11N20MIMO_Ant2_2462



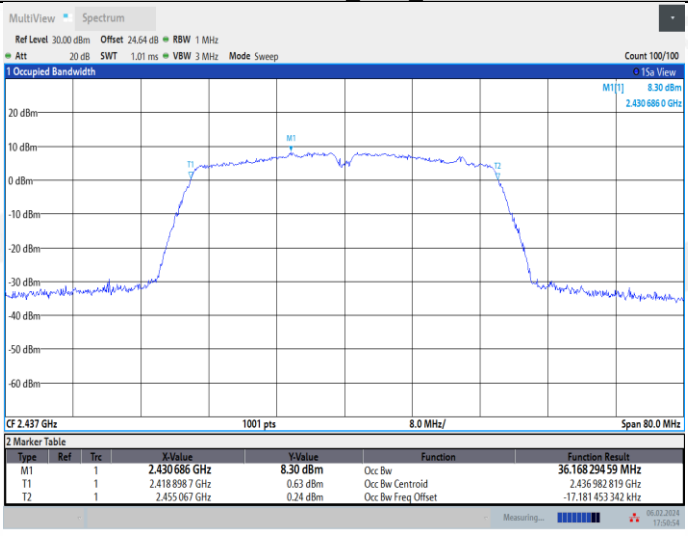
11N40MIMO_Ant1_2422



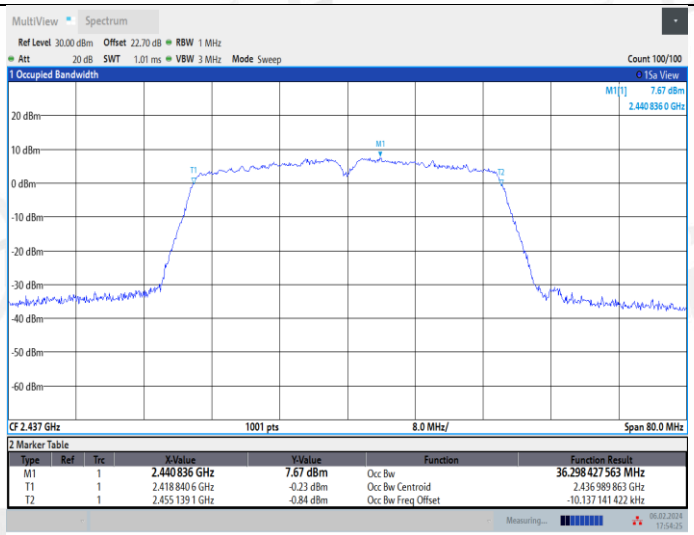
11N40MIMO_Ant2_2422



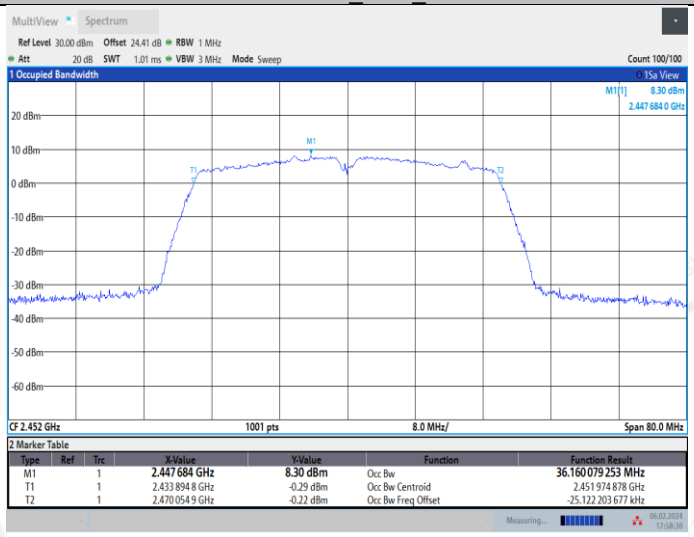
11N40MIMO_Ant1_2437



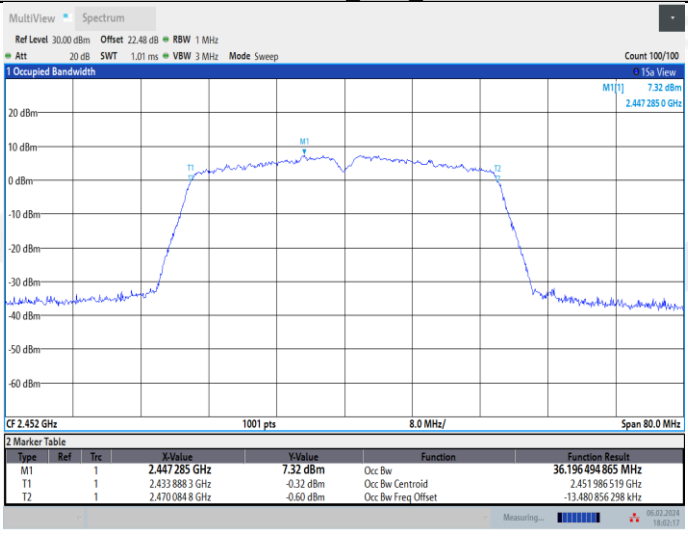
11N40MIMO_Ant2_2437



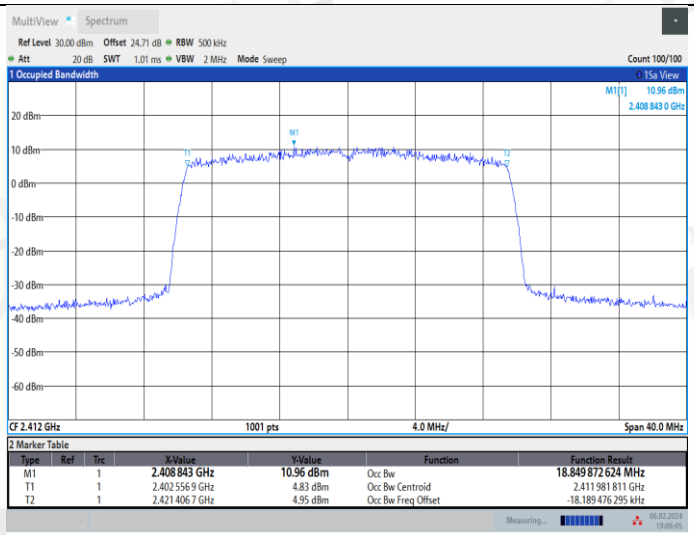
11N40MIMO_Ant1_2452



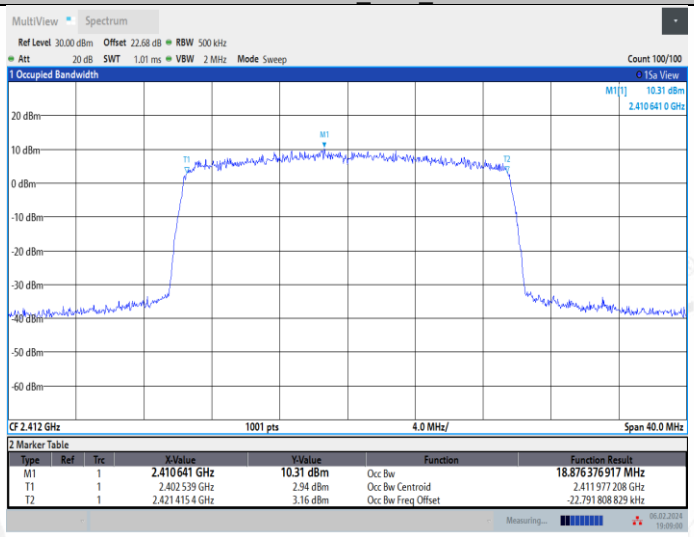
11N40MIMO_Ant2_2452



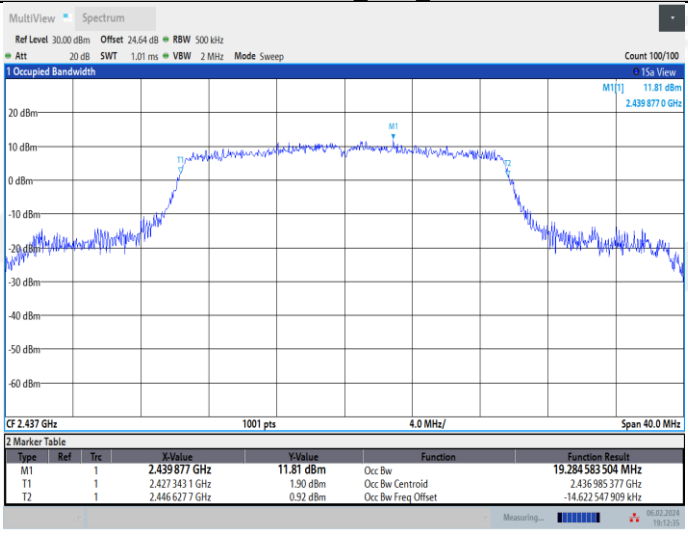
11AX20MIMO_Ant1_2412



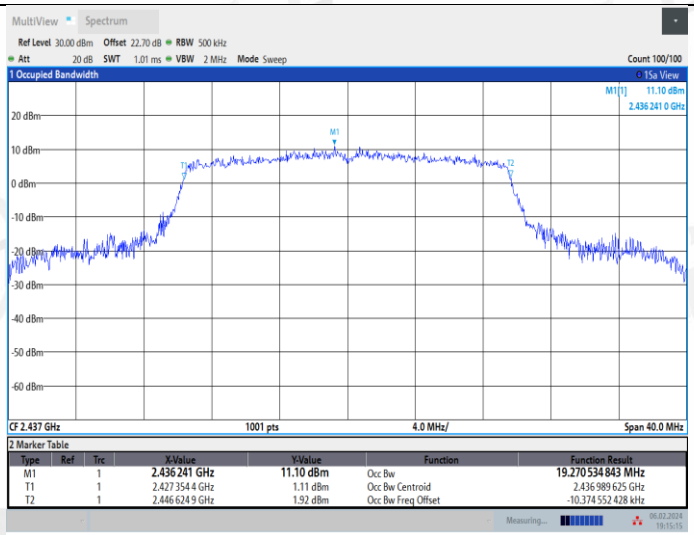
11AX20MIMO_Ant2_2412



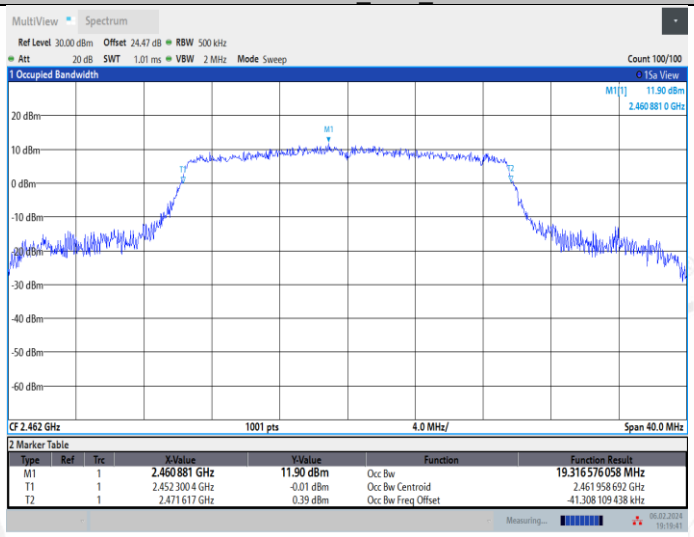
11AX20MIMO_Ant1_2437



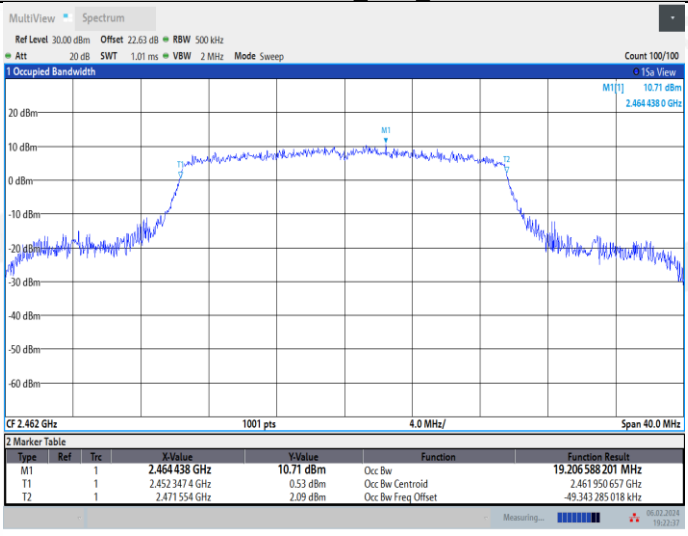
11AX20MIMO_Ant2_2437



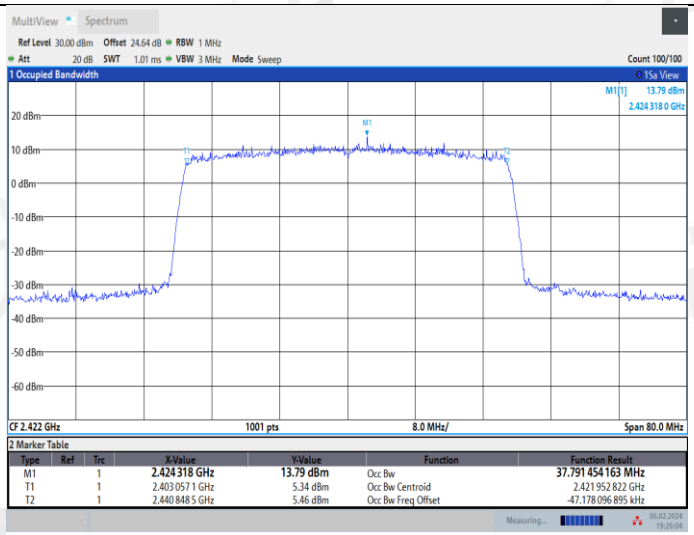
11AX20MIMO_Ant1_2462



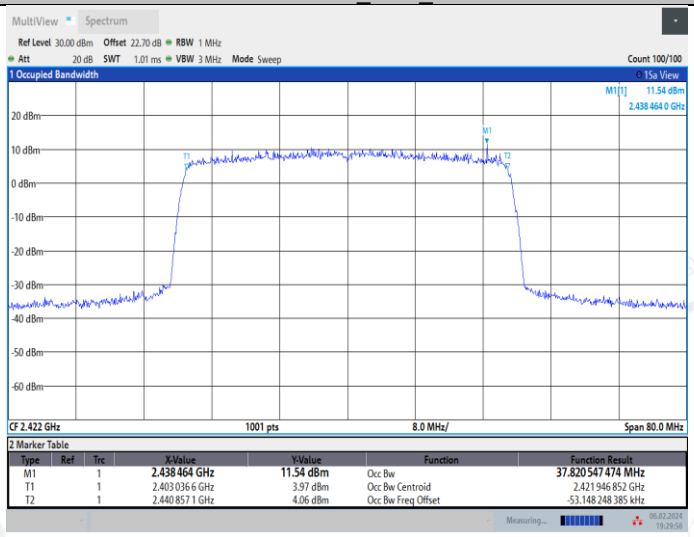
11AX20MIMO_Ant2_2462



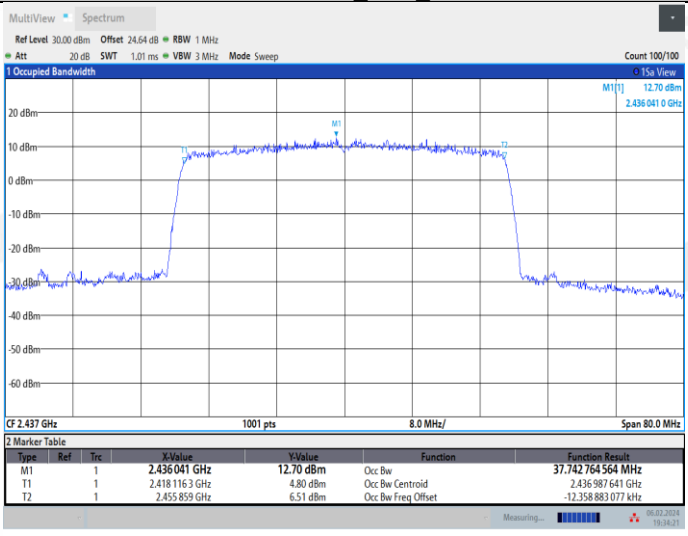
11AX40MIMO_Ant1_2422



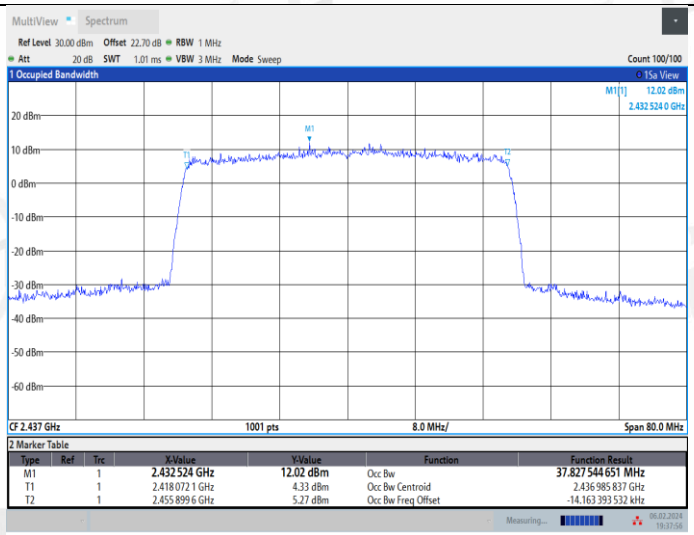
11AX40MIMO_Ant2_2422



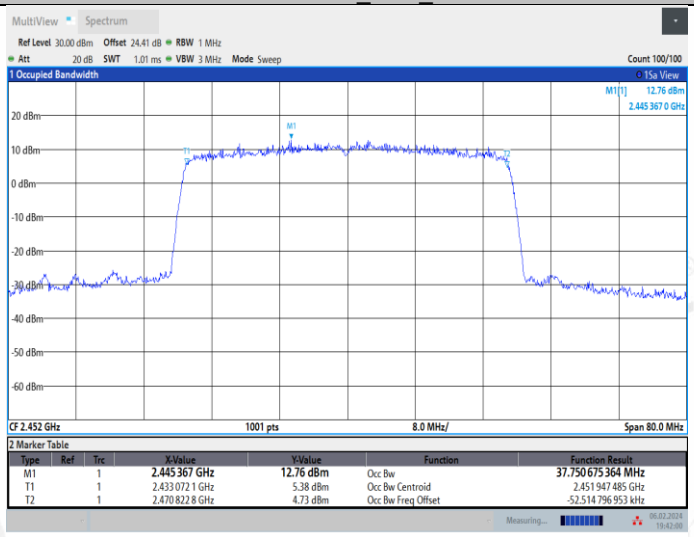
11AX40MIMO_Ant1_2437



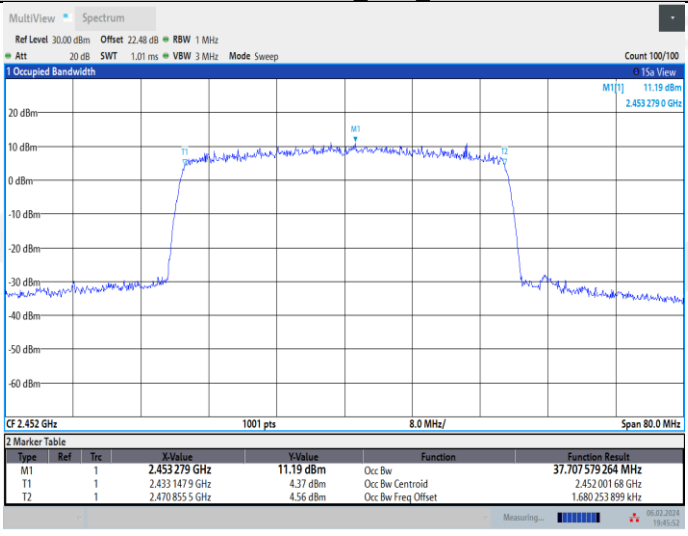
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452

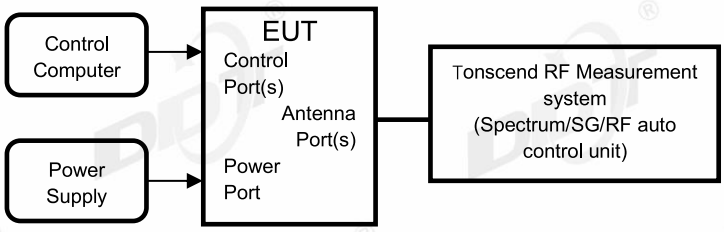


11AX40MIMO_Ant2_2452



6. Conducted Output Power

6.1. Block diagram of test setup



6.2. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. 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 as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

6.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.9.2.3.
(2) Connect EUT's antenna output to RF power meter by RF cable, the path loss was compensated to the results.
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously, If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.
(4) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
(5) Adjust the measurement in dBm by adding [10 log (1 / D)], where D is the duty cycle.
(6) Record the RF average power of each antenna port.

6.4. Test result average

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	24.4℃,45.3%RH	Test Date:	2024.02.02-2024.02.06
Test Power Supply:	Battery	EUT:	Wireless Speaker
Sample Number:	S23111313-04	Model No.:	CHARGE5 Wi-Fi

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	16.11	99.52	0.02	16.13	≤30.00	19.04	≤36.00	PASS
	Ant2	2412	16.90	99.52	0.02	16.92	≤30.00	19.28	≤36.00	PASS
	Ant1	2437	16.04	99.52	0.02	16.06	≤30.00	18.97	≤36.00	PASS
	Ant2	2437	16.90	99.52	0.02	16.92	≤30.00	19.28	≤36.00	PASS
	Ant1	2462	16.17	99.52	0.02	16.19	≤30.00	19.10	≤36.00	PASS
	Ant2	2462	16.96	99.52	0.02	16.98	≤30.00	19.34	≤36.00	PASS
11G	Ant1	2412	14.11	97.20	0.12	14.23	≤30.00	17.14	≤36.00	PASS
	Ant2	2412	14.65	97.90	0.09	14.74	≤30.00	17.10	≤36.00	PASS
	Ant1	2437	14.22	97.20	0.12	14.34	≤30.00	17.25	≤36.00	PASS
	Ant2	2437	15.01	97.20	0.12	15.13	≤30.00	17.49	≤36.00	PASS
	Ant1	2462	14.24	97.89	0.09	14.33	≤30.00	17.24	≤36.00	PASS
	Ant2	2462	14.93	97.20	0.12	15.05	≤30.00	17.41	≤36.00	PASS
11N20MIMO	Ant1	2412	14.13	94.37	0.25	14.38	≤30.00	17.29	≤36.00	PASS
	Ant2	2412	14.72	94.37	0.25	14.97	≤30.00	17.33	≤36.00	PASS
	total	2412	---	---	---	17.70	≤30.00	20.32	≤36.00	PASS
	Ant1	2437	14.33	94.37	0.25	14.58	≤30.00	17.49	≤36.00	PASS
	Ant2	2437	15.17	95.71	0.19	15.36	≤30.00	17.72	≤36.00	PASS
	total	2437	---	---	---	18.00	≤30.00	20.62	≤36.00	PASS
	Ant1	2462	14.36	95.71	0.19	14.55	≤30.00	17.46	≤36.00	PASS
	Ant2	2462	15.14	94.37	0.25	15.39	≤30.00	17.75	≤36.00	PASS
	total	2462	---	---	---	18.00	≤30.00	20.62	≤36.00	PASS
11N40MIMO	Ant1	2422	11.84	89.47	0.48	12.32	≤30.00	15.23	≤36.00	PASS
	Ant2	2422	12.54	92.11	0.36	12.90	≤30.00	15.26	≤36.00	PASS
	total	2422	---	---	---	15.63	≤30.00	18.26	≤36.00	PASS
	Ant1	2437	12.07	92.11	0.36	12.43	≤30.00	15.34	≤36.00	PASS
	Ant2	2437	12.79	92.11	0.36	13.15	≤30.00	15.51	≤36.00	PASS
	total	2437	---	---	---	15.82	≤30.00	18.44	≤36.00	PASS
	Ant1	2452	11.87	92.11	0.36	12.23	≤30.00	15.14	≤36.00	PASS
	Ant2	2452	12.60	89.74	0.47	13.07	≤30.00	15.43	≤36.00	PASS
	total	2452	---	---	---	15.68	≤30.00	18.30	≤36.00	PASS
11AX20MIMO	Ant1	2412	13.16	96.23	0.17	13.33	≤30.00	16.24	≤36.00	PASS
	Ant2	2412	14.18	96.19	0.17	14.35	≤30.00	16.71	≤36.00	PASS
	total	2412	---	---	---	16.88	≤30.00	19.49	≤36.00	PASS
	Ant1	2437	13.58	97.14	0.13	13.71	≤30.00	16.62	≤36.00	PASS
	Ant2	2437	14.36	96.19	0.17	14.53	≤30.00	16.89	≤36.00	PASS
	total	2437	---	---	---	17.15	≤30.00	19.77	≤36.00	PASS
	Ant1	2462	13.64	96.19	0.17	13.81	≤30.00	16.72	≤36.00	PASS
	Ant2	2462	14.33	96.19	0.17	14.50	≤30.00	16.86	≤36.00	PASS
	total	2462	---	---	---	17.18	≤30.00	19.80	≤36.00	PASS
11AX40MIMO	Ant1	2422	14.27	92.98	0.32	14.59	≤30.00	17.50	≤36.00	PASS
	Ant2	2422	15.02	92.98	0.32	15.34	≤30.00	17.70	≤36.00	PASS
	total	2422	---	---	---	17.99	≤30.00	20.61	≤36.00	PASS
	Ant1	2437	14.53	97.14	0.13	14.66	≤30.00	17.57	≤36.00	PASS
	Ant2	2437	15.22	92.98	0.32	15.54	≤30.00	17.90	≤36.00	PASS
	total	2437	---	---	---	18.13	≤30.00	20.75	≤36.00	PASS
	Ant1	2452	14.76	92.98	0.32	15.08	≤30.00	17.99	≤36.00	PASS
	Ant2	2452	15.04	92.98	0.32	15.36	≤30.00	17.72	≤36.00	PASS
	total	2452	---	---	---	18.23	≤30.00	20.87	≤36.00	PASS

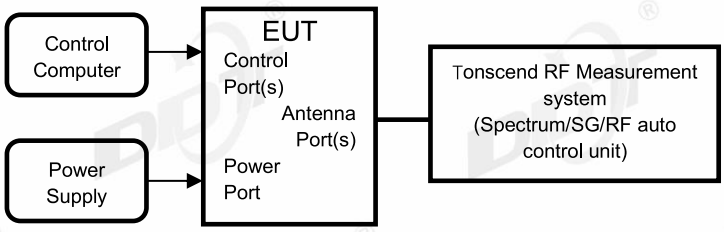
Test Mode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Peak Power [dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20 MIMO	Ant1	2412	26Tone	RU0	10.35	≤30.00	13.26	≤36.00	PASS
				RU4	10.37	≤30.00	13.28	≤36.00	PASS
				RU8	10.06	≤30.00	12.97	≤36.00	PASS
			52Tone	RU37	10.82	≤30.00	13.73	≤36.00	PASS
				RU38	10.87	≤30.00	13.78	≤36.00	PASS
				RU39	10.42	≤30.00	13.33	≤36.00	PASS
				RU40	10.48	≤30.00	13.39	≤36.00	PASS
			106Tone	RU53	11.08	≤30.00	13.99	≤36.00	PASS
				RU54	11.05	≤30.00	13.96	≤36.00	PASS
	Ant2	2412	26Tone	RU0	10.58	≤30.00	12.94	≤36.00	PASS
				RU4	10.94	≤30.00	13.30	≤36.00	PASS
				RU8	10.39	≤30.00	12.75	≤36.00	PASS
			52Tone	RU37	10.95	≤30.00	13.31	≤36.00	PASS
				RU38	11.02	≤30.00	13.38	≤36.00	PASS
				RU39	10.86	≤30.00	13.22	≤36.00	PASS
				RU40	11.01	≤30.00	13.37	≤36.00	PASS
			106Tone	RU53	11.59	≤30.00	13.95	≤36.00	PASS
				RU54	11.44	≤30.00	13.80	≤36.00	PASS
	total	2412	26Tone	RU0	13.48	≤30.00	16.11	≤36.00	PASS
				RU4	13.67	≤30.00	16.30	≤36.00	PASS
				RU8	13.24	≤30.00	15.87	≤36.00	PASS
			52Tone	RU37	13.90	≤30.00	16.54	≤36.00	PASS
				RU38	13.96	≤30.00	16.59	≤36.00	PASS
				RU39	13.66	≤30.00	16.29	≤36.00	PASS
				RU40	13.76	≤30.00	16.39	≤36.00	PASS
			106Tone	RU53	14.35	≤30.00	16.98	≤36.00	PASS
				RU54	14.26	≤30.00	16.89	≤36.00	PASS
	Ant1	2437	26Tone	RU0	10.20	≤30.00	13.11	≤36.00	PASS
				RU4	10.33	≤30.00	13.24	≤36.00	PASS
				RU8	10.14	≤30.00	13.05	≤36.00	PASS
			52Tone	RU37	10.75	≤30.00	13.66	≤36.00	PASS
				RU38	10.53	≤30.00	13.44	≤36.00	PASS
				RU39	10.69	≤30.00	13.60	≤36.00	PASS
				RU40	10.54	≤30.00	13.45	≤36.00	PASS
			106Tone	RU53	10.89	≤30.00	13.80	≤36.00	PASS
				RU54	10.71	≤30.00	13.62	≤36.00	PASS
	Ant2	2437	26Tone	RU0	10.12	≤30.00	12.48	≤36.00	PASS
				RU4	10.56	≤30.00	12.92	≤36.00	PASS
				RU8	10.37	≤30.00	12.73	≤36.00	PASS
			52Tone	RU37	10.47	≤30.00	12.83	≤36.00	PASS
				RU38	10.64	≤30.00	13.00	≤36.00	PASS
				RU39	10.79	≤30.00	13.15	≤36.00	PASS
				RU40	10.71	≤30.00	13.07	≤36.00	PASS
			106Tone	RU53	10.91	≤30.00	13.27	≤36.00	PASS
				RU54	11.05	≤30.00	13.41	≤36.00	PASS
	total	2437	26Tone	RU0	13.17	≤30.00	15.82	≤36.00	PASS
				RU4	13.46	≤30.00	16.09	≤36.00	PASS
				RU8	13.27	≤30.00	15.90	≤36.00	PASS
			52Tone	RU37	13.62	≤30.00	16.28	≤36.00	PASS
				RU38	13.60	≤30.00	16.24	≤36.00	PASS
				RU39	13.75	≤30.00	16.39	≤36.00	PASS
				RU40	13.64	≤30.00	16.27	≤36.00	PASS
			106Tone	RU53	13.91	≤30.00	16.55	≤36.00	PASS
				RU54	13.89	≤30.00	16.53	≤36.00	PASS
	Ant1	2462	26Tone	RU0	10.27	≤30.00	13.18	≤36.00	PASS
				RU4	10.49	≤30.00	13.40	≤36.00	PASS
				RU8	10.21	≤30.00	13.12	≤36.00	PASS
			52Tone	RU37	10.80	≤30.00	13.71	≤36.00	PASS
				RU38	10.83	≤30.00	13.74	≤36.00	PASS

				RU39	10.55	≤30.00	13.46	≤36.00	PASS
				RU40	10.50	≤30.00	13.41	≤36.00	PASS
			106Tone	RU53	10.84	≤30.00	13.75	≤36.00	PASS
				RU54	10.94	≤30.00	13.85	≤36.00	PASS
	Ant2	2462	26Tone	RU0	10.34	≤30.00	12.70	≤36.00	PASS
				RU4	10.59	≤30.00	12.95	≤36.00	PASS
				RU8	10.11	≤30.00	12.47	≤36.00	PASS
			52Tone	RU37	10.67	≤30.00	13.03	≤36.00	PASS
				RU38	10.88	≤30.00	13.24	≤36.00	PASS
				RU39	10.70	≤30.00	13.06	≤36.00	PASS
				RU40	10.60	≤30.00	12.96	≤36.00	PASS
			106Tone	RU53	10.83	≤30.00	13.19	≤36.00	PASS
				RU54	11.08	≤30.00	13.44	≤36.00	PASS
	total	2462	26Tone	RU0	13.32	≤30.00	15.96	≤36.00	PASS
				RU4	13.55	≤30.00	16.19	≤36.00	PASS
				RU8	13.17	≤30.00	15.82	≤36.00	PASS
			52Tone	RU37	13.75	≤30.00	16.39	≤36.00	PASS
				RU38	13.87	≤30.00	16.51	≤36.00	PASS
				RU39	13.64	≤30.00	16.27	≤36.00	PASS
				RU40	13.56	≤30.00	16.20	≤36.00	PASS
			106Tone	RU53	13.85	≤30.00	16.49	≤36.00	PASS
				RU54	14.02	≤30.00	16.66	≤36.00	PASS
11AX40 MIMO	Ant1	2422	106Tone	RU55	11.05	≤30.00	13.96	≤36.00	PASS
				RU56	10.75	≤30.00	13.66	≤36.00	PASS
			242Tone	RU61	10.73	≤30.00	13.64	≤36.00	PASS
				RU62	11.00	≤30.00	13.91	≤36.00	PASS
	Ant2	2422	106Tone	RU55	11.08	≤30.00	13.44	≤36.00	PASS
				RU56	11.09	≤30.00	13.45	≤36.00	PASS
			242Tone	RU61	10.97	≤30.00	13.33	≤36.00	PASS
				RU62	11.12	≤30.00	13.48	≤36.00	PASS
	total	2422	106Tone	RU55	14.08	≤30.00	16.72	≤36.00	PASS
				RU56	13.93	≤30.00	16.57	≤36.00	PASS
			242Tone	RU61	13.86	≤30.00	16.50	≤36.00	PASS
				RU62	14.07	≤30.00	16.71	≤36.00	PASS
	Ant1	2437	106Tone	RU55	11.17	≤30.00	14.08	≤36.00	PASS
				RU56	10.81	≤30.00	13.72	≤36.00	PASS
			242Tone	RU61	10.98	≤30.00	13.89	≤36.00	PASS
				RU62	10.93	≤30.00	13.84	≤36.00	PASS
	Ant2	2437	106Tone	RU55	11.19	≤30.00	13.55	≤36.00	PASS
				RU56	10.88	≤30.00	13.24	≤36.00	PASS
			242Tone	RU61	10.76	≤30.00	13.12	≤36.00	PASS
				RU62	10.75	≤30.00	13.11	≤36.00	PASS
	total	2437	106Tone	RU55	14.19	≤30.00	16.83	≤36.00	PASS
				RU56	13.86	≤30.00	16.50	≤36.00	PASS
			242Tone	RU61	13.88	≤30.00	16.53	≤36.00	PASS
				RU62	13.85	≤30.00	16.50	≤36.00	PASS
	Ant1	2452	106Tone	RU55	11.28	≤30.00	14.19	≤36.00	PASS
				RU56	11.32	≤30.00	14.23	≤36.00	PASS
			242Tone	RU61	11.22	≤30.00	14.13	≤36.00	PASS
				RU62	10.83	≤30.00	13.74	≤36.00	PASS
	Ant2	2452	106Tone	RU55	11.50	≤30.00	13.86	≤36.00	PASS
				RU56	11.07	≤30.00	13.43	≤36.00	PASS
			242Tone	RU61	10.98	≤30.00	13.34	≤36.00	PASS
				RU62	11.28	≤30.00	13.64	≤36.00	PASS
	total	2452	106Tone	RU55	14.40	≤30.00	17.04	≤36.00	PASS
				RU56	14.21	≤30.00	16.86	≤36.00	PASS
			242Tone	RU61	14.11	≤30.00	16.76	≤36.00	PASS
				RU62	14.07	≤30.00	16.70	≤36.00	PASS

Note: EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

7. Power Spectral Density

7.1. Block diagram of test setup



7.2. Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.10.5.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously.
(4) Use the following spectrum analyzer settings for Power Spectral Density measurement:

Center frequency	DTS Channel center frequency
RBW:	3 kHz ≤ RBW ≤ 100 kHz
VBW:	≥ 3RBW
Span	1.5 times the DTS bandwidth
Detector Mode:	RMS
Sweep time:	auto
Trace mode	max hold
	Employ trace averaging (rms)
Trace	mode over a minimum of 100
	traces.

(5) Add [10 log (1 / D)], where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

7.4. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	24.4℃,45.3%RH	Test Date:	2024.02.02-2024.02.06
Test Power Supply:	Battery	EUT:	Wireless Speaker
Sample Number:	S23111313-04	Model No.:	CHARGE5 Wi-Fi

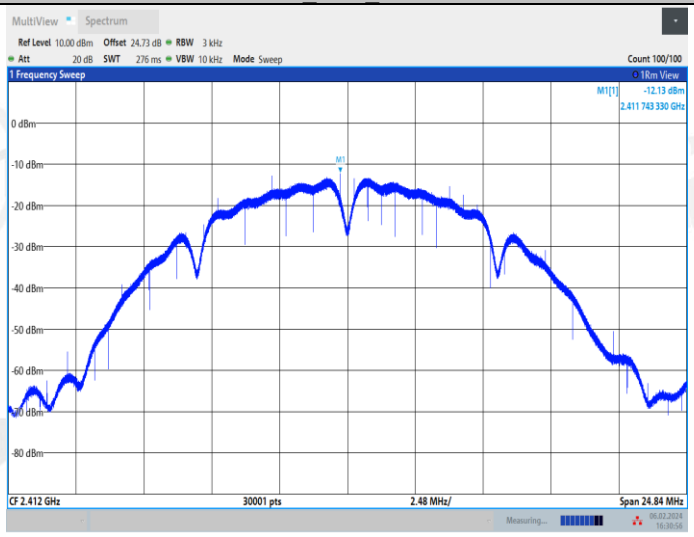
Test Mode	Antenna	Frequency [MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.13	≤8.00	PASS
	Ant2	2412	-11.98	≤8.00	PASS
	Ant1	2437	-11.32	≤8.00	PASS
	Ant2	2437	-11.32	≤8.00	PASS
	Ant1	2462	-11.45	≤8.00	PASS
	Ant2	2462	-10.81	≤8.00	PASS
11G	Ant1	2412	-15.83	≤8.00	PASS
	Ant2	2412	-15.58	≤8.00	PASS
	Ant1	2437	-15.82	≤8.00	PASS
	Ant2	2437	-14.96	≤8.00	PASS
	Ant1	2462	-15.27	≤8.00	PASS
	Ant2	2462	-14.79	≤8.00	PASS
11N20MIMO	Ant1	2412	-16.50	≤8.00	PASS
	Ant2	2412	-15.83	≤8.00	PASS
	total	2412	-13.14	≤8.00	PASS
	Ant1	2437	-16.38	≤8.00	PASS
	Ant2	2437	-15.42	≤8.00	PASS
	total	2437	-12.86	≤8.00	PASS
	Ant1	2462	-16.47	≤8.00	PASS
	Ant2	2462	-15.20	≤8.00	PASS
	total	2462	-12.78	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.51	≤8.00	PASS
	Ant2	2422	-18.94	≤8.00	PASS
	total	2422	-16.21	≤8.00	PASS
	Ant1	2437	-19.14	≤8.00	PASS
	Ant2	2437	-18.88	≤8.00	PASS
	total	2437	-16.00	≤8.00	PASS
	Ant1	2452	-19.38	≤8.00	PASS
	Ant2	2452	-18.89	≤8.00	PASS
	total	2452	-16.12	≤8.00	PASS
11AX20MIMO	Ant1	2412	-17.15	≤8.00	PASS
	Ant2	2412	-17.40	≤8.00	PASS
	total	2412	-14.26	≤8.00	PASS
	Ant1	2437	-17.71	≤8.00	PASS
	Ant2	2437	-16.22	≤8.00	PASS
	total	2437	-13.89	≤8.00	PASS
	Ant1	2462	-17.32	≤8.00	PASS
	Ant2	2462	-16.29	≤8.00	PASS
	total	2462	-13.76	≤8.00	PASS
11AX40MIMO	Ant1	2422	-19.54	≤8.00	PASS
	Ant2	2422	-17.95	≤8.00	PASS
	total	2422	-15.66	≤8.00	PASS
	Ant1	2437	-19.29	≤8.00	PASS
	Ant2	2437	-17.94	≤8.00	PASS
	total	2437	-15.55	≤8.00	PASS
	Ant1	2452	-18.77	≤8.00	PASS
	Ant2	2452	-17.85	≤8.00	PASS
	total	2452	-15.28	≤8.00	PASS

Test Mode	Antenna	Frequency [MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20 MIMO	Ant1	2412	26Tone	RU0	-11.70	≤8.00	PASS
				RU4	-11.44	≤8.00	PASS
				RU8	-12.31	≤8.00	PASS
			52Tone	RU37	-13.94	≤8.00	PASS
				RU38	-14.19	≤8.00	PASS
				RU39	-15.46	≤8.00	PASS
				RU40	-13.25	≤8.00	PASS
			106Tone	RU53	-16.18	≤8.00	PASS
				RU54	-16.73	≤8.00	PASS
	Ant2	2412	26Tone	RU0	-12.67	≤8.00	PASS
				RU4	-11.01	≤8.00	PASS
				RU8	-12.04	≤8.00	PASS
			52Tone	RU37	-14.71	≤8.00	PASS
				RU38	-15.10	≤8.00	PASS
				RU39	-14.17	≤8.00	PASS
				RU40	-13.71	≤8.00	PASS
			106Tone	RU53	-15.28	≤8.00	PASS
				RU54	-16.00	≤8.00	PASS
	total	2412	26Tone	RU0	-9.15	≤8.00	PASS
				RU4	-8.21	≤8.00	PASS
				RU8	-9.16	≤8.00	PASS
			52Tone	RU37	-11.30	≤8.00	PASS
				RU38	-11.61	≤8.00	PASS
				RU39	-11.76	≤8.00	PASS
				RU40	-10.46	≤8.00	PASS
			106Tone	RU53	-12.70	≤8.00	PASS
				RU54	-13.34	≤8.00	PASS
	Ant1	2437	26Tone	RU0	-12.41	≤8.00	PASS
				RU4	-12.26	≤8.00	PASS
				RU8	-11.83	≤8.00	PASS
			52Tone	RU37	-14.23	≤8.00	PASS
				RU38	-13.31	≤8.00	PASS
				RU39	-14.68	≤8.00	PASS
				RU40	-14.13	≤8.00	PASS
			106Tone	RU53	-15.76	≤8.00	PASS
				RU54	-16.69	≤8.00	PASS
	Ant2	2437	26Tone	RU0	-13.16	≤8.00	PASS
				RU4	-11.38	≤8.00	PASS
				RU8	-11.37	≤8.00	PASS
			52Tone	RU37	-14.41	≤8.00	PASS
				RU38	-15.09	≤8.00	PASS
				RU39	-15.38	≤8.00	PASS
				RU40	-13.58	≤8.00	PASS
			106Tone	RU53	-16.37	≤8.00	PASS
				RU54	-15.84	≤8.00	PASS
	total	2437	26Tone	RU0	-9.76	≤8.00	PASS
				RU4	-8.79	≤8.00	PASS
				RU8	-8.58	≤8.00	PASS
			52Tone	RU37	-11.31	≤8.00	PASS
				RU38	-11.10	≤8.00	PASS
				RU39	-12.01	≤8.00	PASS
				RU40	-10.84	≤8.00	PASS
			106Tone	RU53	-13.04	≤8.00	PASS
				RU54	-13.23	≤8.00	PASS
	Ant1	2462	26Tone	RU0	-10.85	≤8.00	PASS
				RU4	-11.30	≤8.00	PASS
				RU8	-11.80	≤8.00	PASS
			52Tone	RU37	-14.34	≤8.00	PASS
				RU38	-13.48	≤8.00	PASS
				RU39	-14.66	≤8.00	PASS
				RU40	-14.06	≤8.00	PASS

			106Tone	RU53	-15.59	≤8.00	PASS
				RU54	-15.38	≤8.00	PASS
	Ant2	2462	26Tone	RU0	-11.37	≤8.00	PASS
				RU4	-11.25	≤8.00	PASS
				RU8	-11.78	≤8.00	PASS
			52Tone	RU37	-13.76	≤8.00	PASS
				RU38	-14.94	≤8.00	PASS
				RU39	-14.87	≤8.00	PASS
				RU40	-14.09	≤8.00	PASS
			106Tone	RU53	-15.16	≤8.00	PASS
				RU54	-15.89	≤8.00	PASS
	total	2462	26Tone	RU0	-8.09	≤8.00	PASS
				RU4	-8.26	≤8.00	PASS
				RU8	-8.78	≤8.00	PASS
			52Tone	RU37	-11.03	≤8.00	PASS
				RU38	-11.14	≤8.00	PASS
				RU39	-11.75	≤8.00	PASS
				RU40	-11.06	≤8.00	PASS
			106Tone	RU53	-12.36	≤8.00	PASS
				RU54	-12.62	≤8.00	PASS
11AX40 MIMO	Ant1	2422	106Tone	RU55	-16.40	≤8.00	PASS
				RU56	-14.59	≤8.00	PASS
			242Tone	RU61	-15.65	≤8.00	PASS
				RU62	-14.62	≤8.00	PASS
	Ant2	2422	106Tone	RU55	-16.39	≤8.00	PASS
				RU56	-13.58	≤8.00	PASS
			242Tone	RU61	-15.67	≤8.00	PASS
				RU62	-14.01	≤8.00	PASS
	total	2422	106Tone	RU55	-13.38	≤8.00	PASS
				RU56	-11.05	≤8.00	PASS
			242Tone	RU61	-12.65	≤8.00	PASS
				RU62	-11.29	≤8.00	PASS
	Ant1	2437	106Tone	RU55	-15.79	≤8.00	PASS
				RU56	-14.54	≤8.00	PASS
			242Tone	RU61	-15.22	≤8.00	PASS
				RU62	-14.76	≤8.00	PASS
	Ant2	2437	106Tone	RU55	-16.37	≤8.00	PASS
				RU56	-13.24	≤8.00	PASS
			242Tone	RU61	-14.84	≤8.00	PASS
				RU62	-13.92	≤8.00	PASS
	total	2437	106Tone	RU55	-13.06	≤8.00	PASS
				RU56	-10.83	≤8.00	PASS
			242Tone	RU61	-12.02	≤8.00	PASS
				RU62	-11.31	≤8.00	PASS
	Ant1	2452	106Tone	RU55	-15.83	≤8.00	PASS
				RU56	-15.40	≤8.00	PASS
			242Tone	RU61	-14.99	≤8.00	PASS
				RU62	-15.17	≤8.00	PASS
	Ant2	2452	106Tone	RU55	-16.06	≤8.00	PASS
				RU56	-13.54	≤8.00	PASS
			242Tone	RU61	-14.67	≤8.00	PASS
				RU62	-14.09	≤8.00	PASS
	total	2452	106Tone	RU55	-12.93	≤8.00	PASS
				RU56	-11.36	≤8.00	PASS
			242Tone	RU61	-11.82	≤8.00	PASS
				RU62	-11.59	≤8.00	PASS

Note：The Duty Cycle Factor is compensated in the graph.

7.5. Test graphs

11B_Ant1_2412

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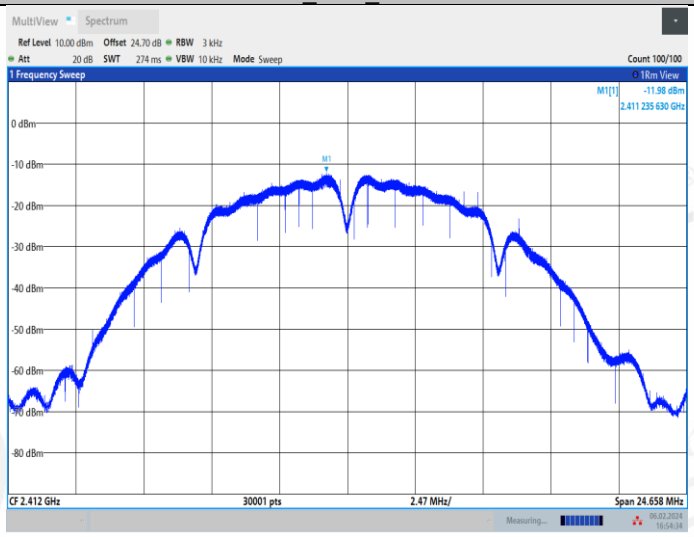
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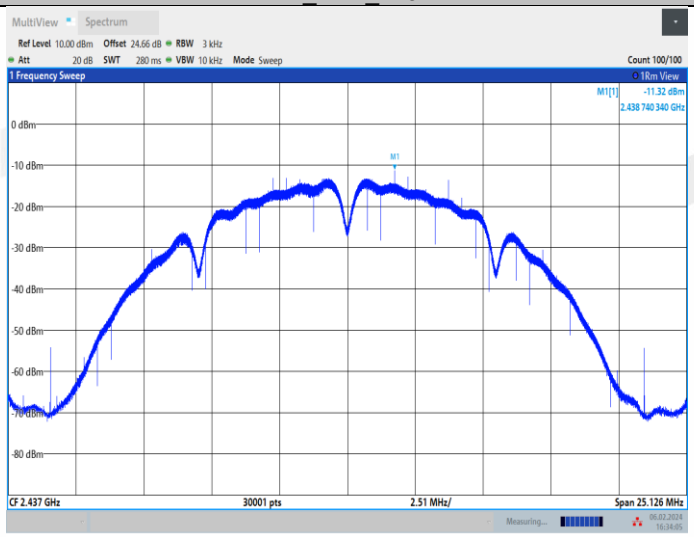
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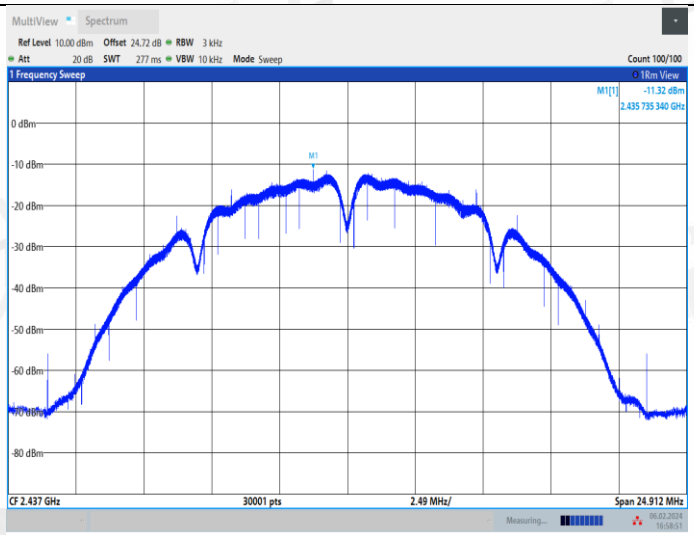
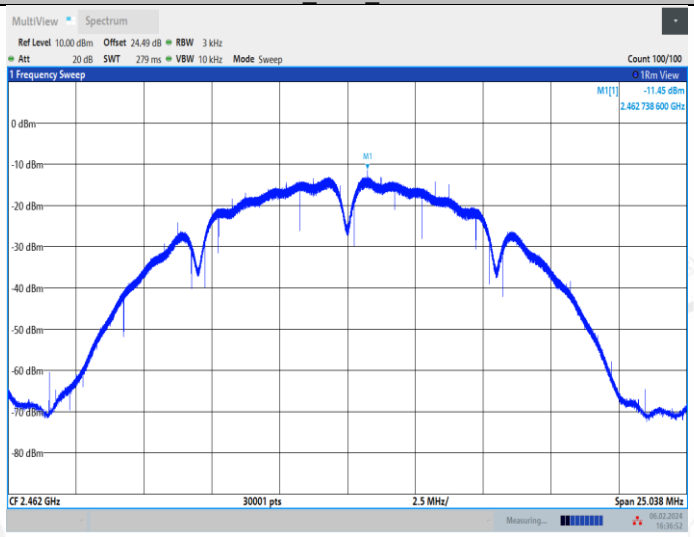


11B_Ant1_2462



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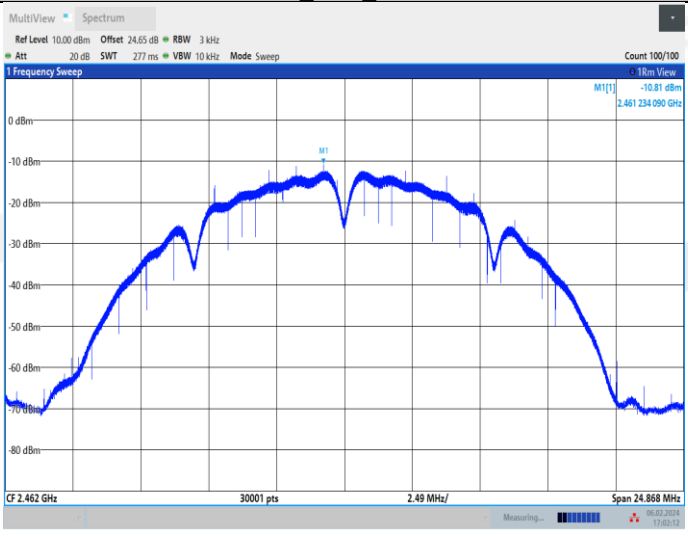

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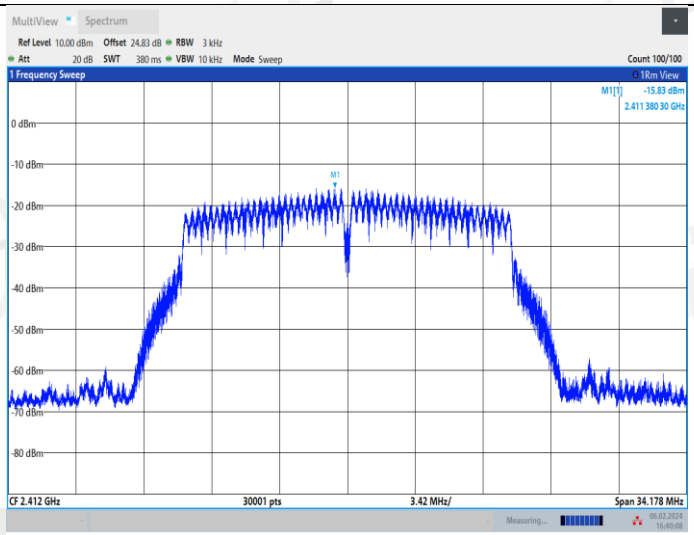

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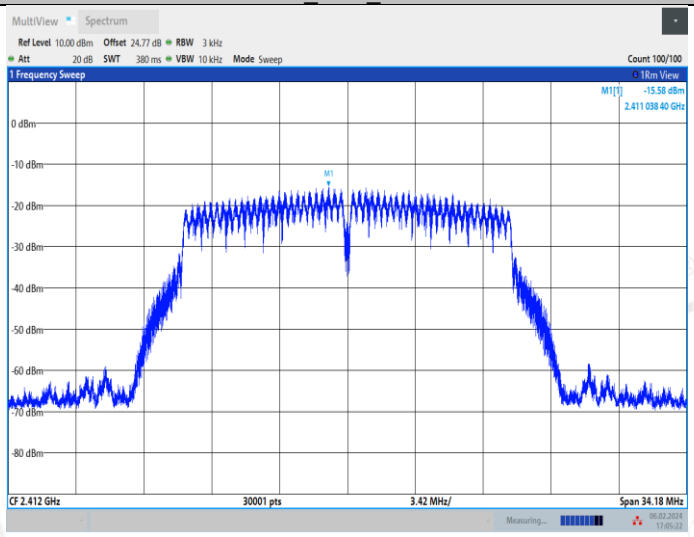

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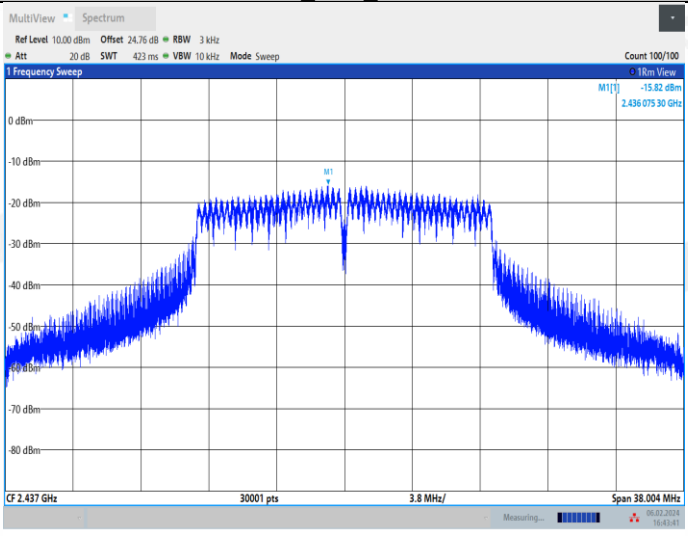

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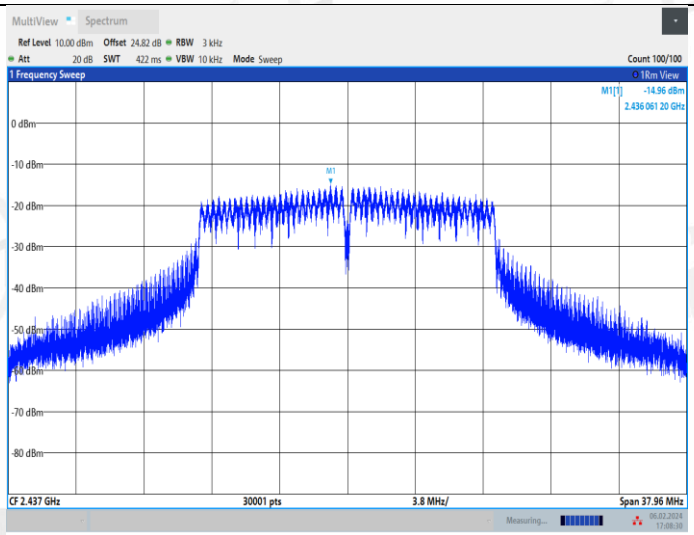
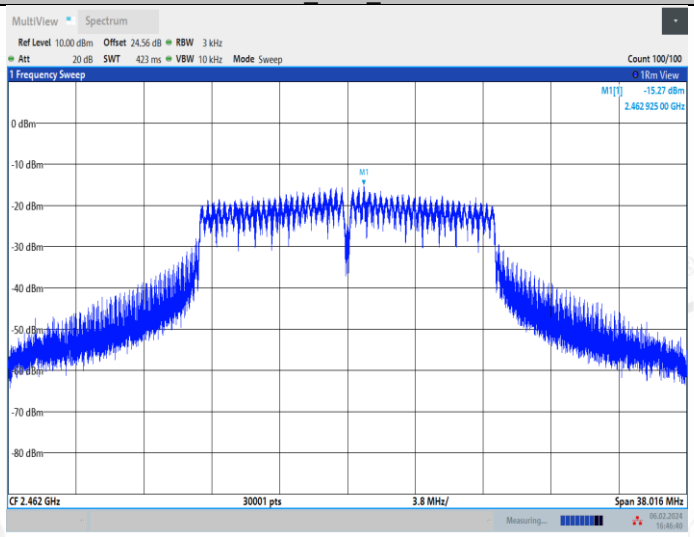
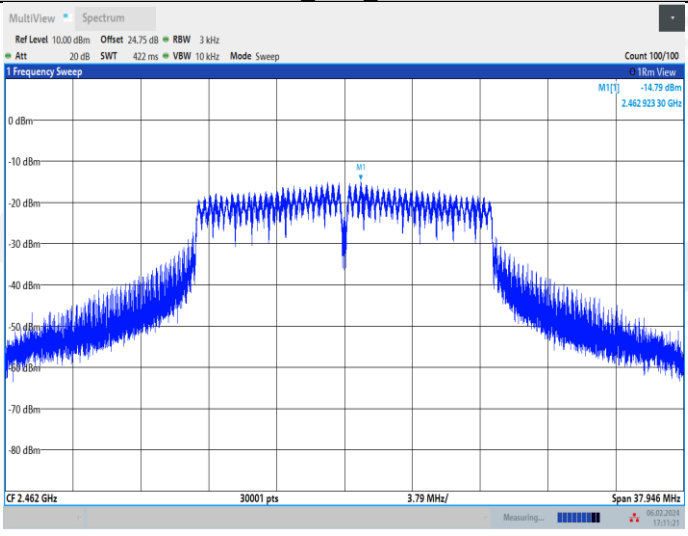


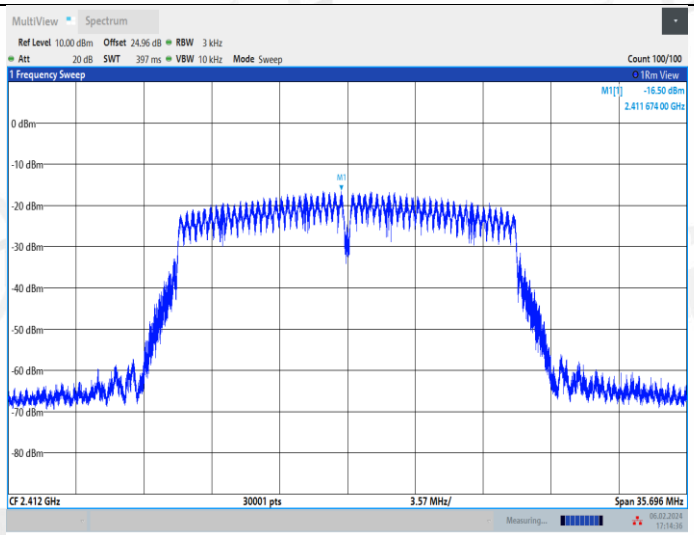
11G_Ant1_2462



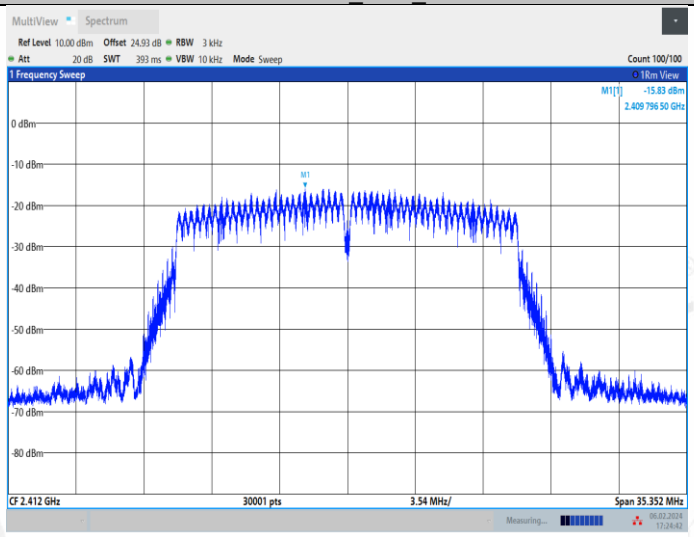
11G_Ant2_2462



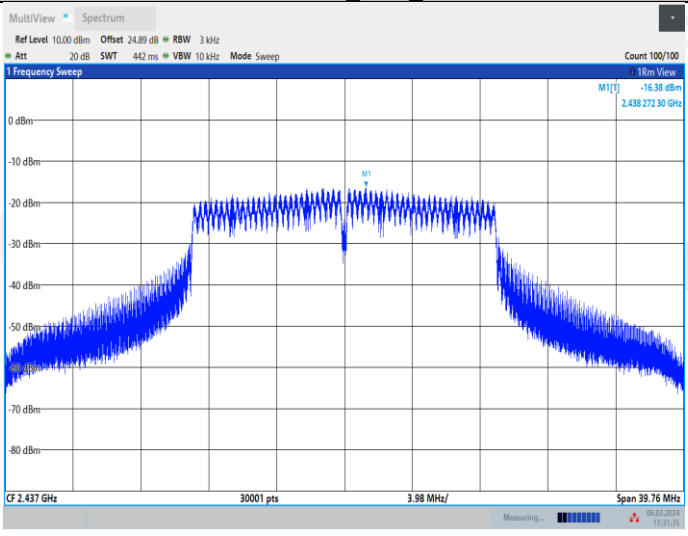
11N20MIMO_Ant1_2412



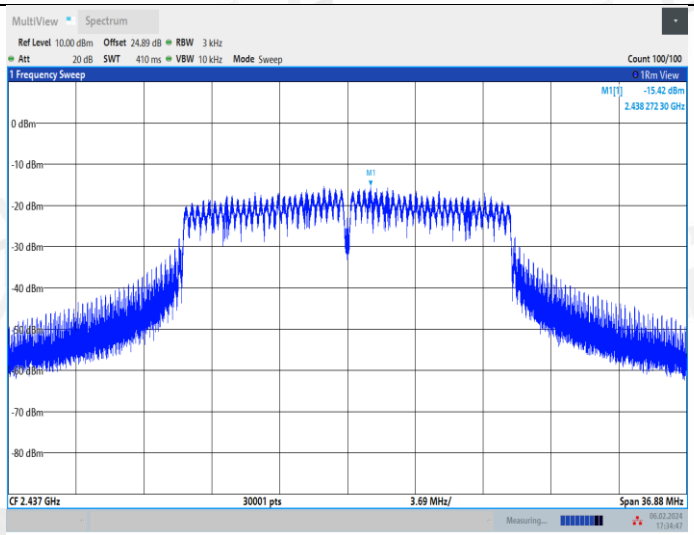
11N20MIMO_Ant2_2412



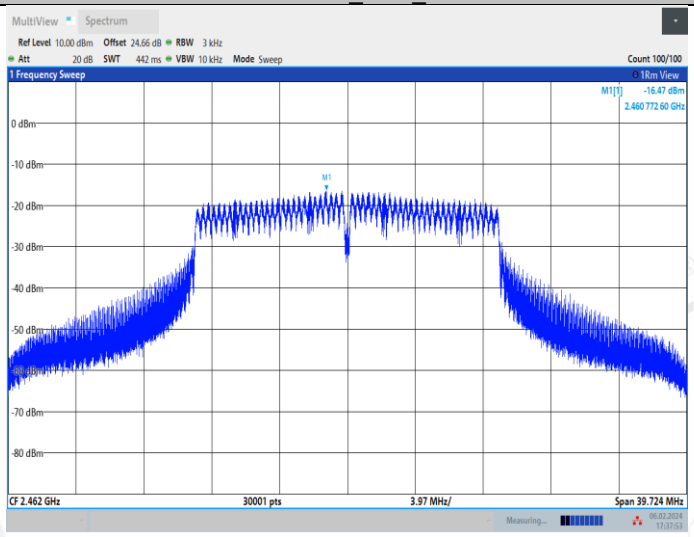
11N20MIMO_Ant1_2437



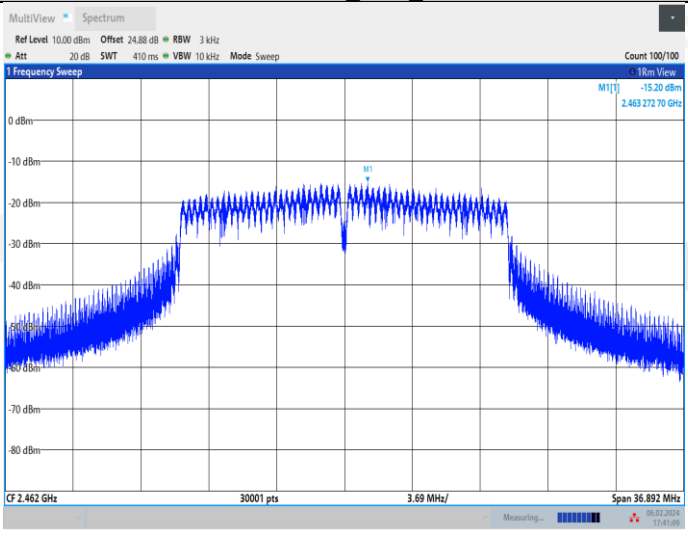
11N20MIMO_Ant2_2437



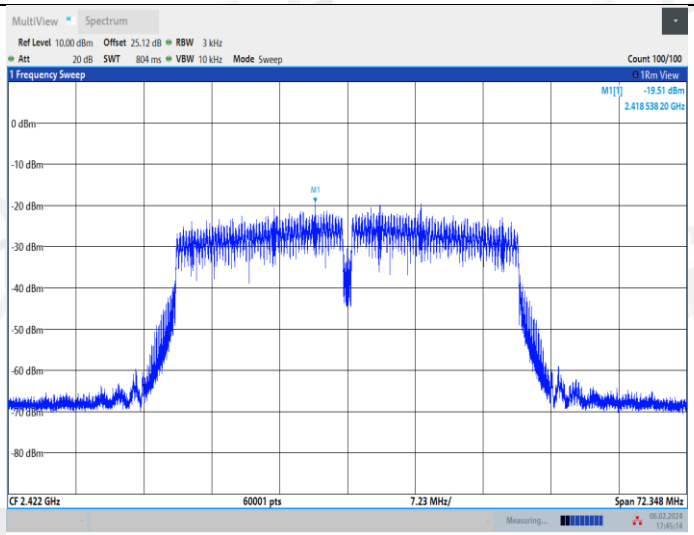
11N20MIMO_Ant1_2462



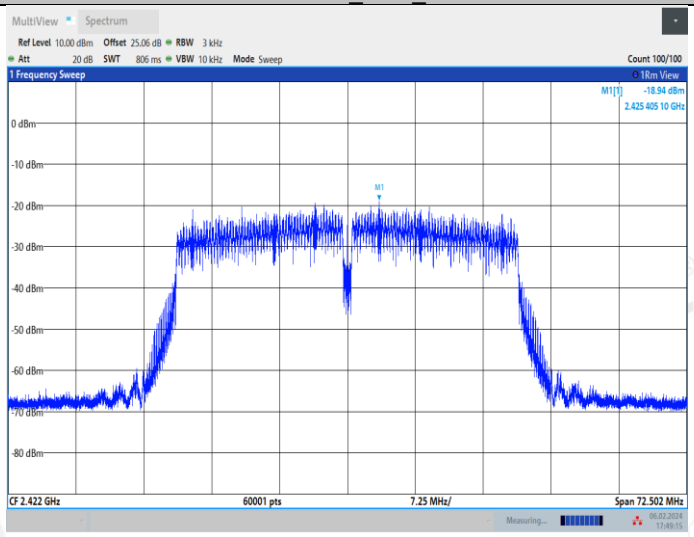
11N20MIMO_Ant2_2462



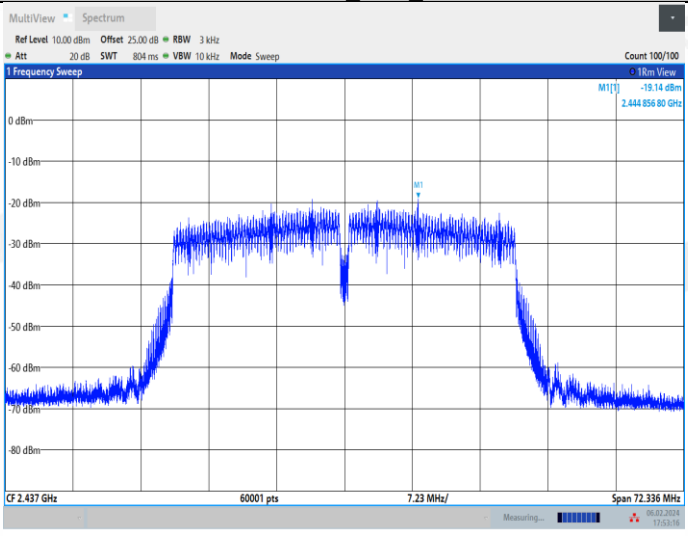
11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



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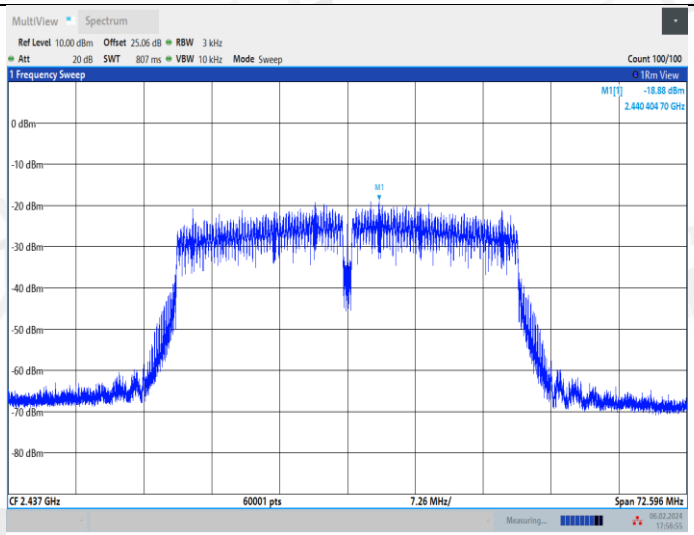

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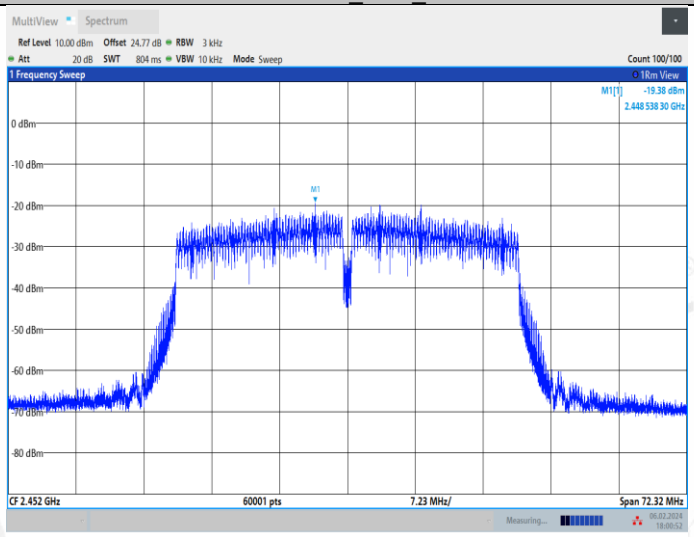

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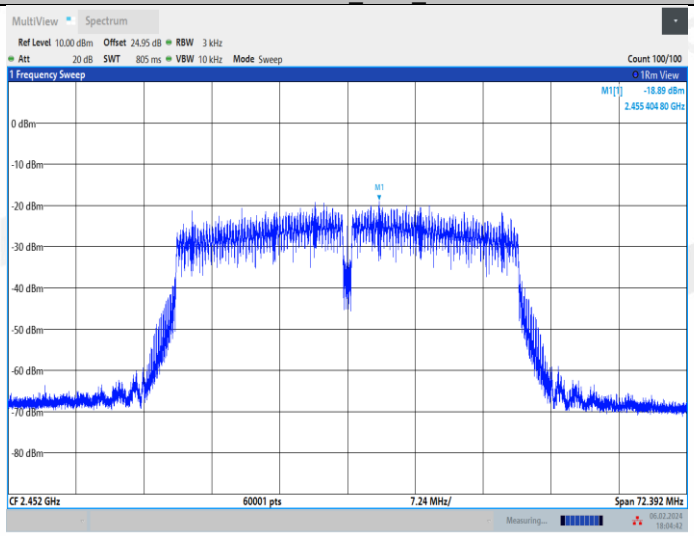

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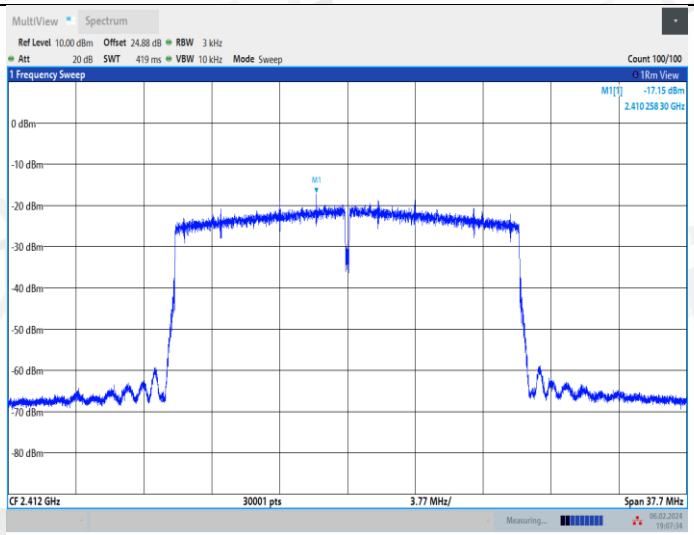

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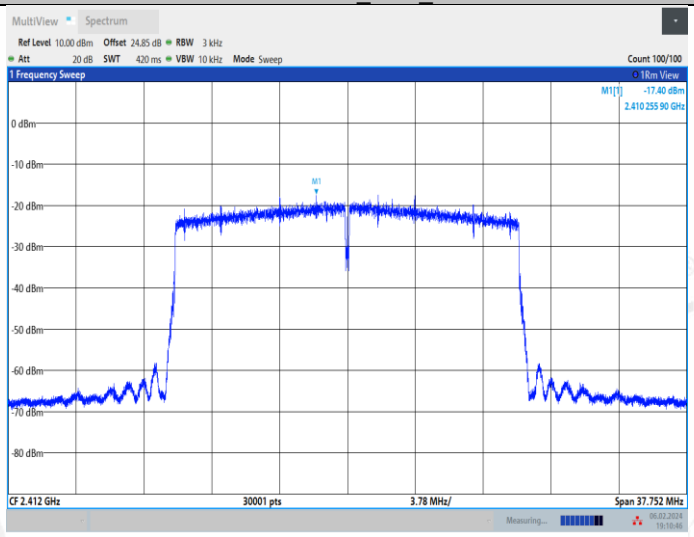

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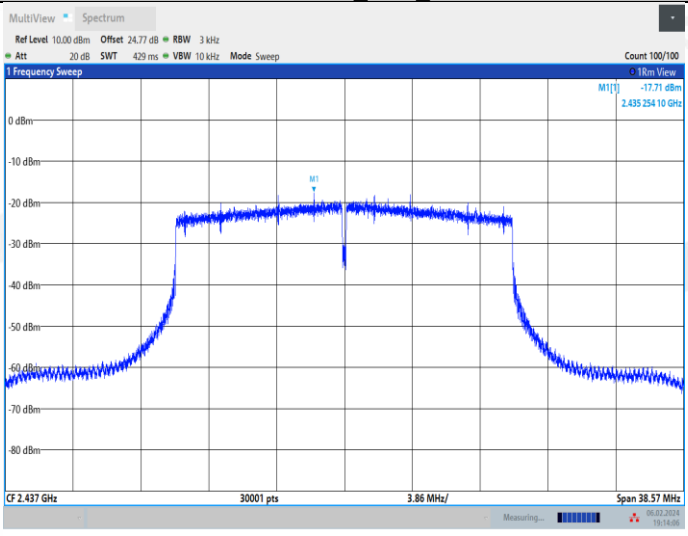

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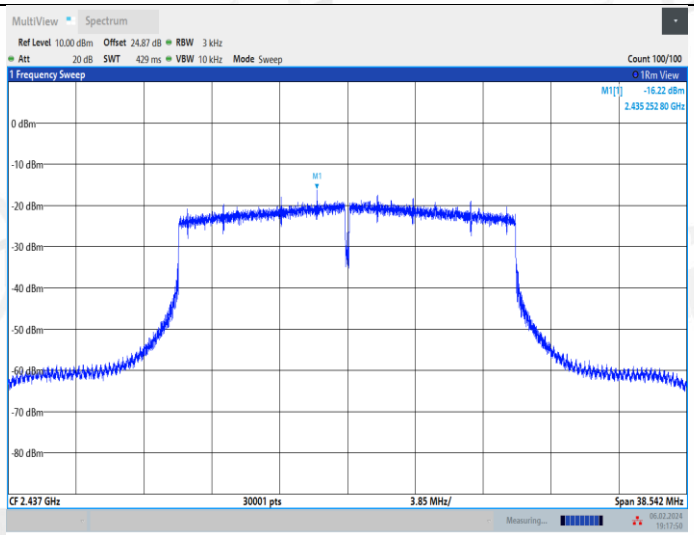

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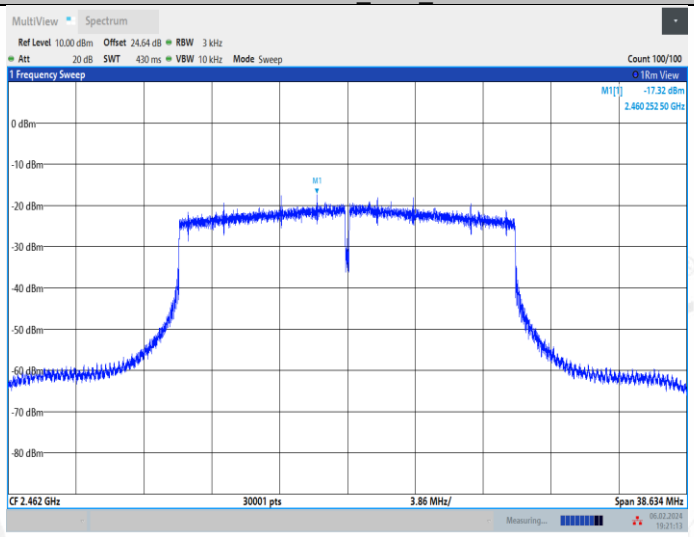

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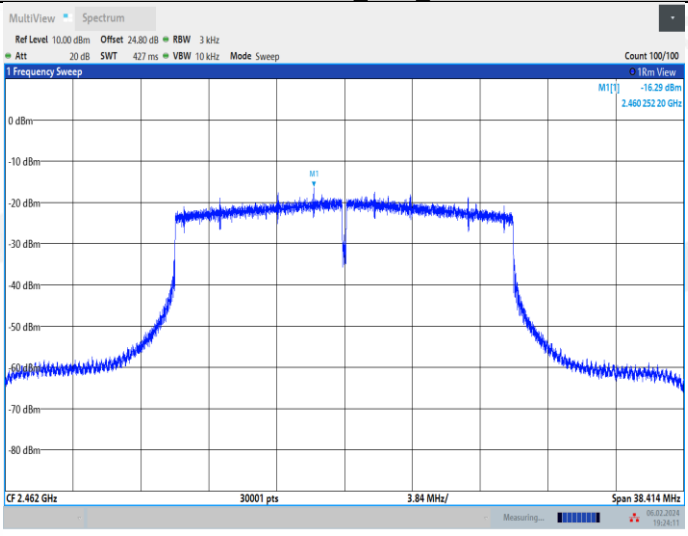

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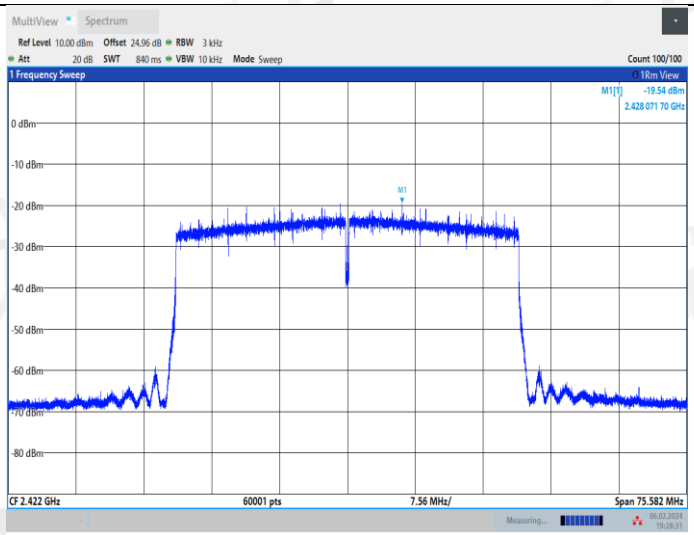

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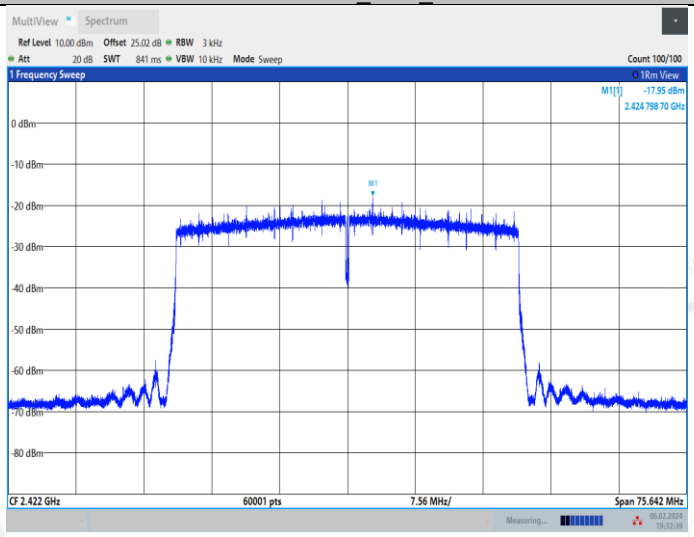

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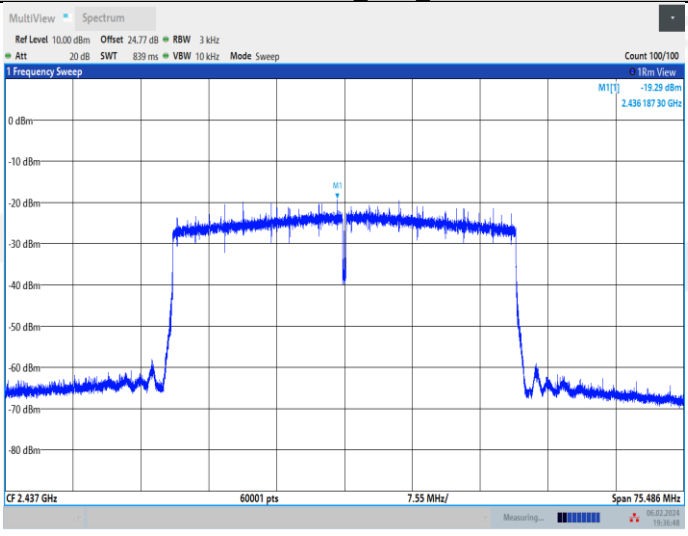

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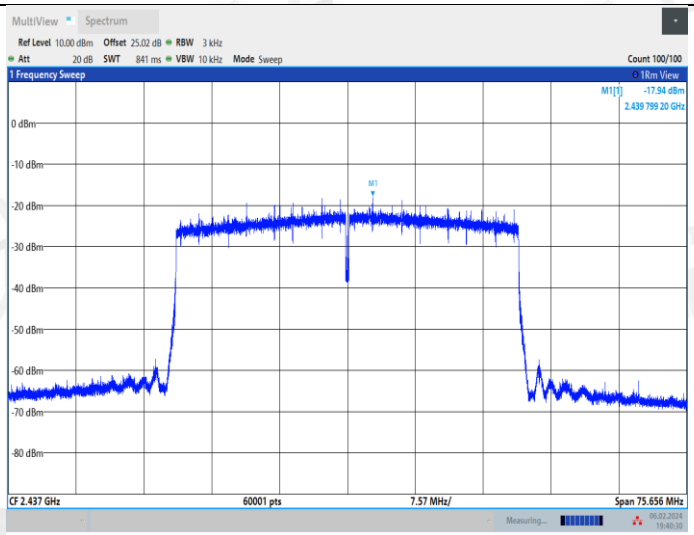
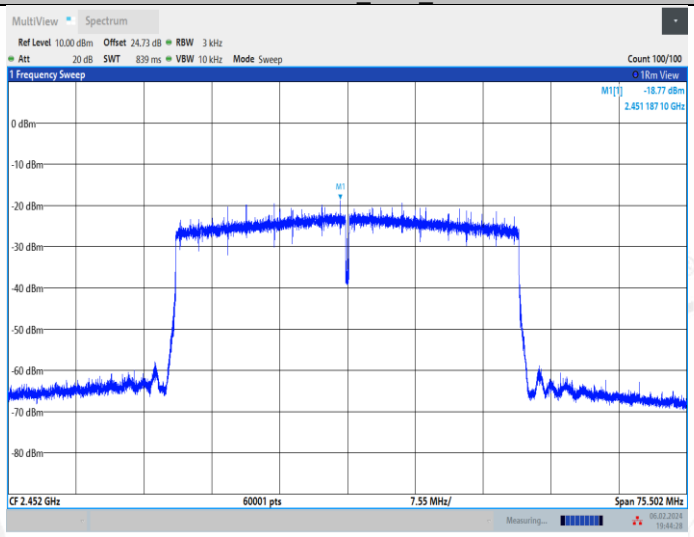


11AX40MIMO_Ant1_2452



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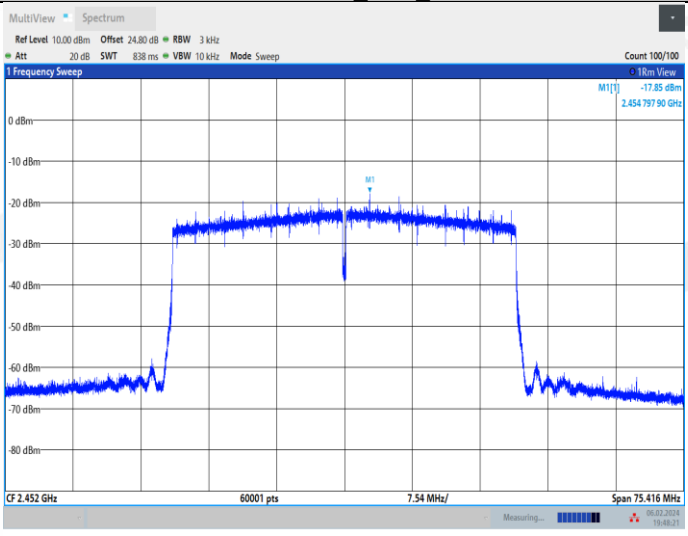

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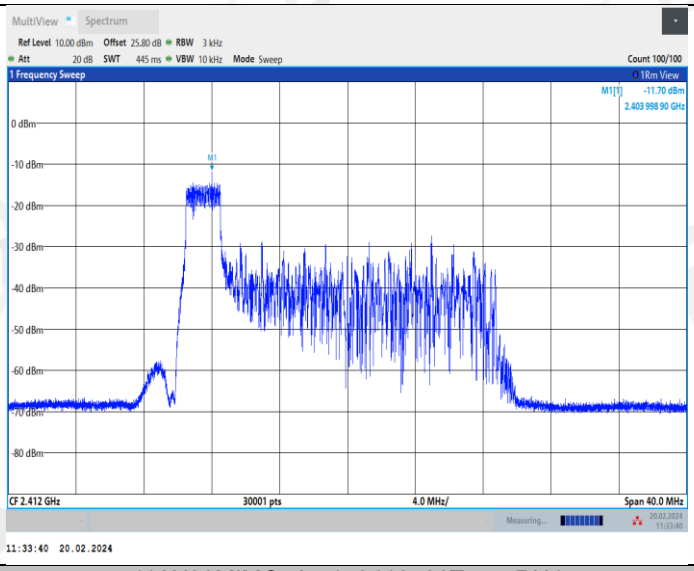

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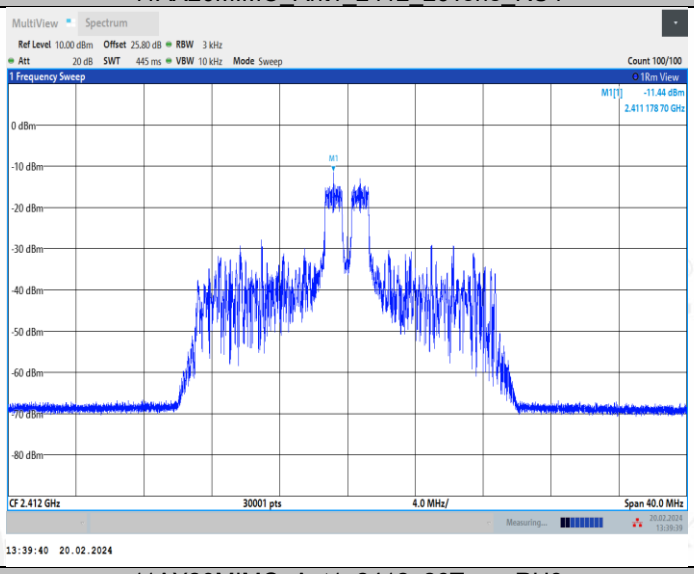

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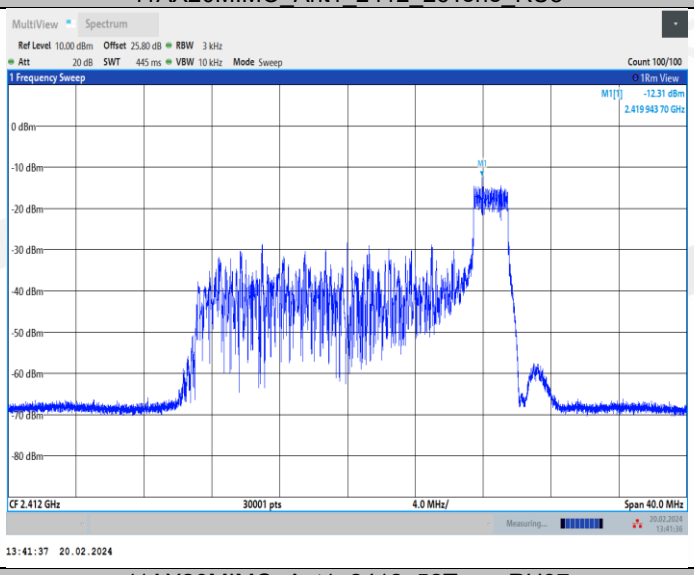

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