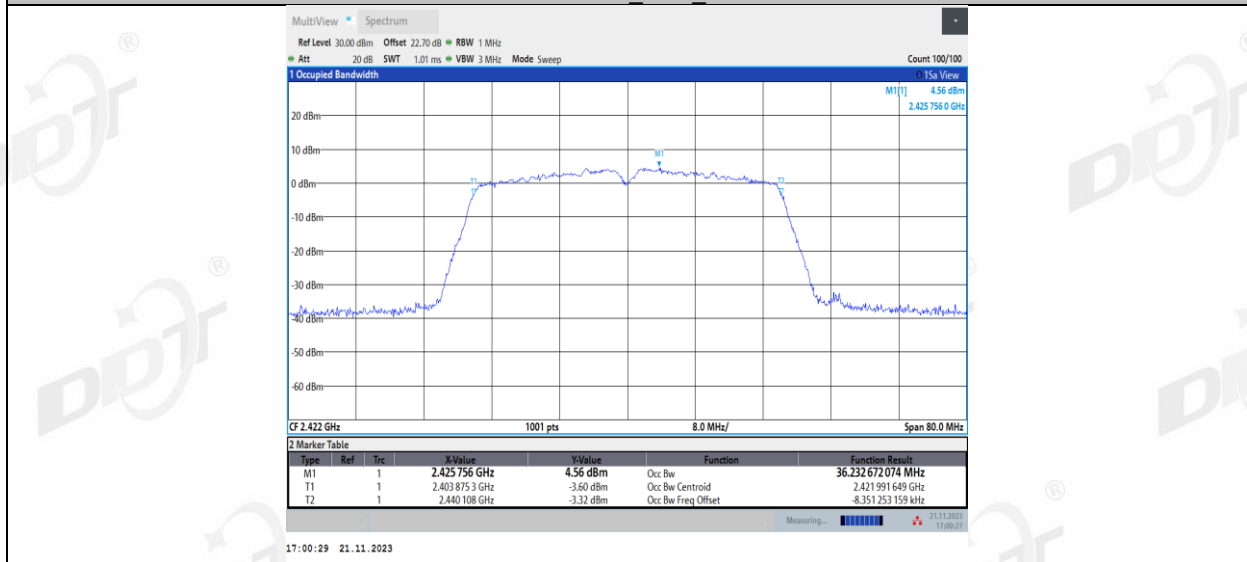
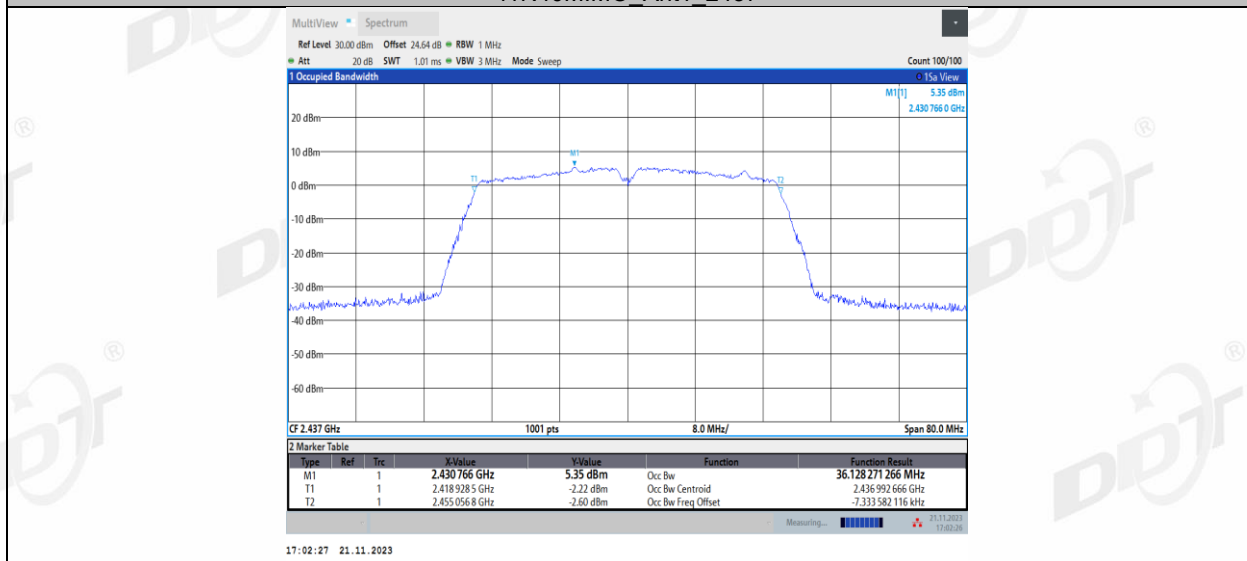


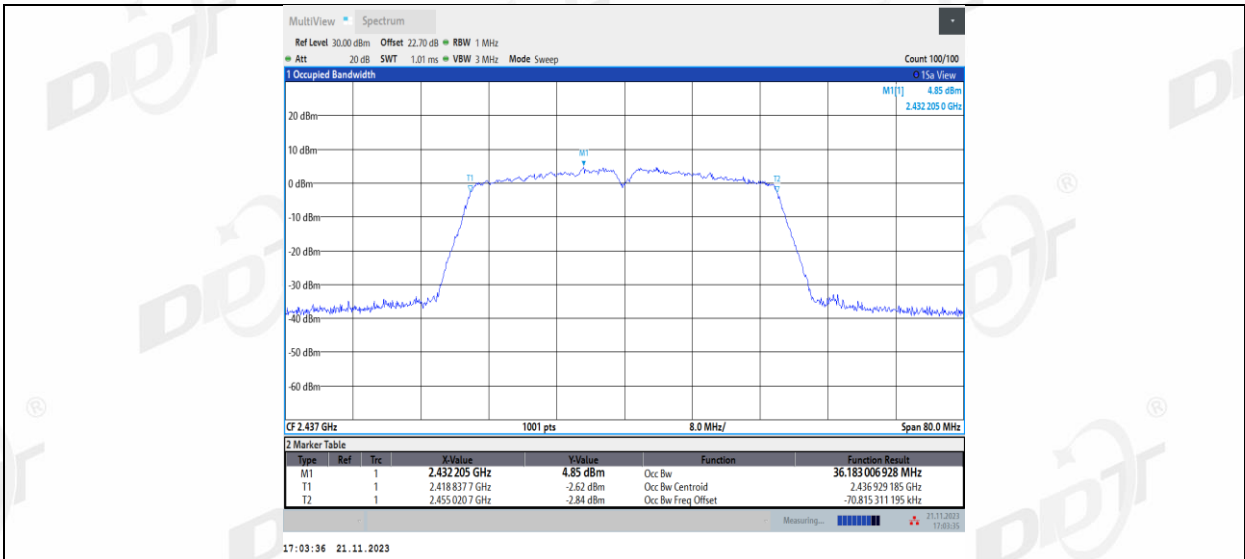
11N40MIMO_Ant2_2422



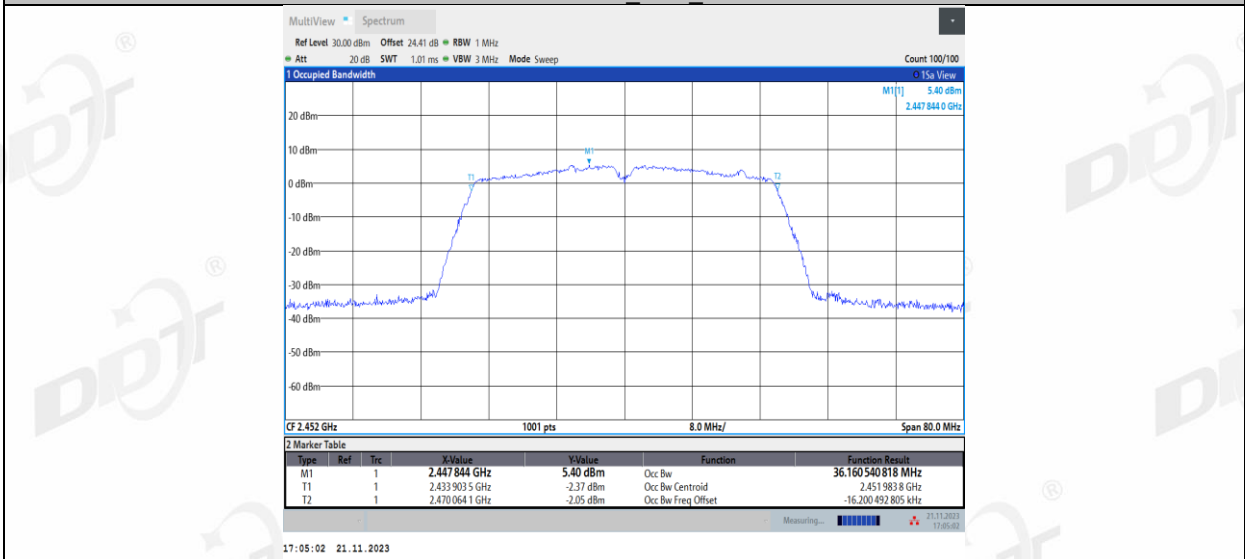
11N40MIMO_Ant1_2437



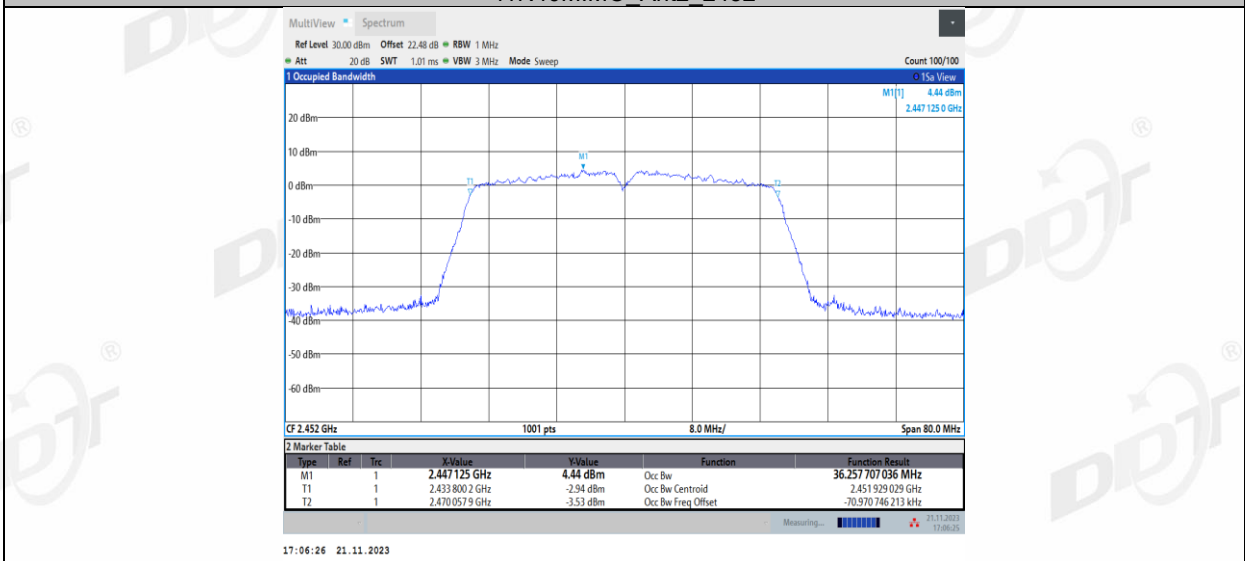
11N40MIMO_Ant2_2437



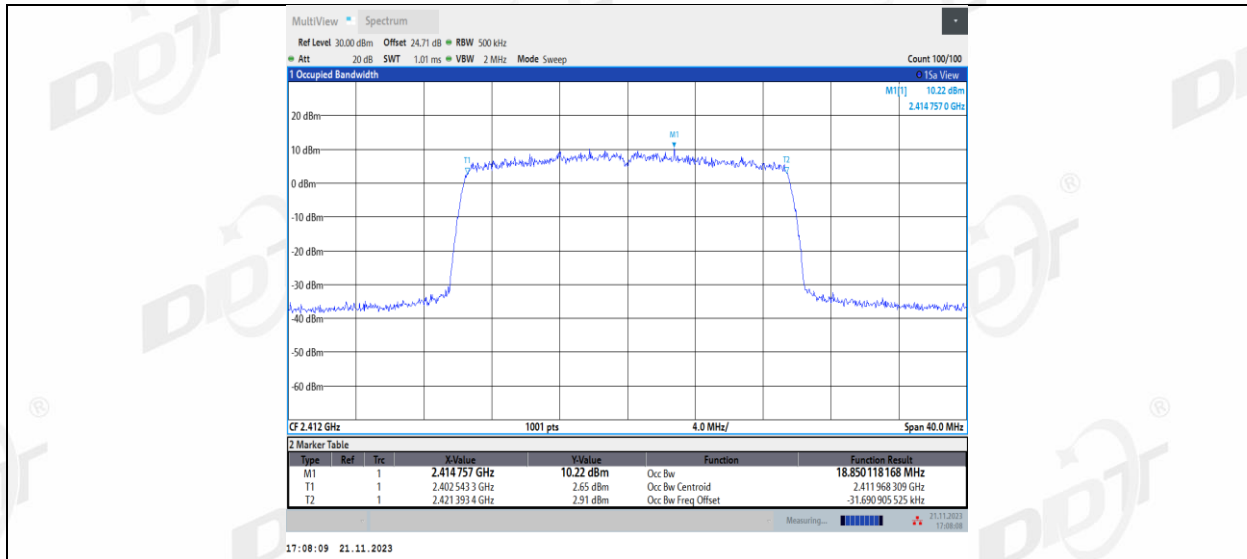
11N40MIMO_Ant1_2452



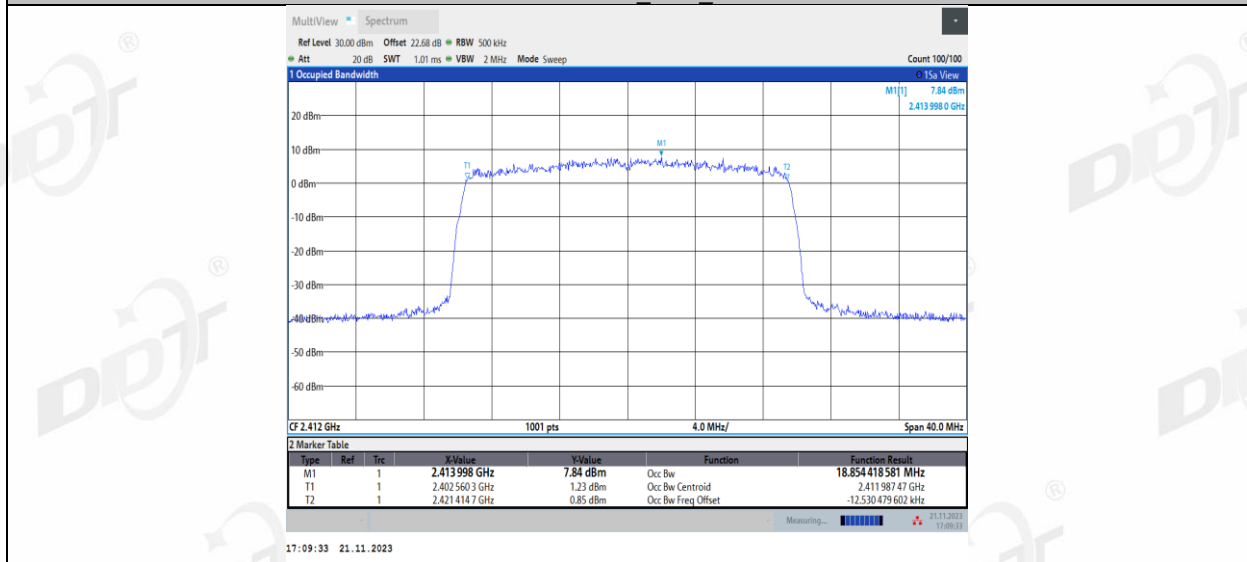
11N40MIMO_Ant2_2452



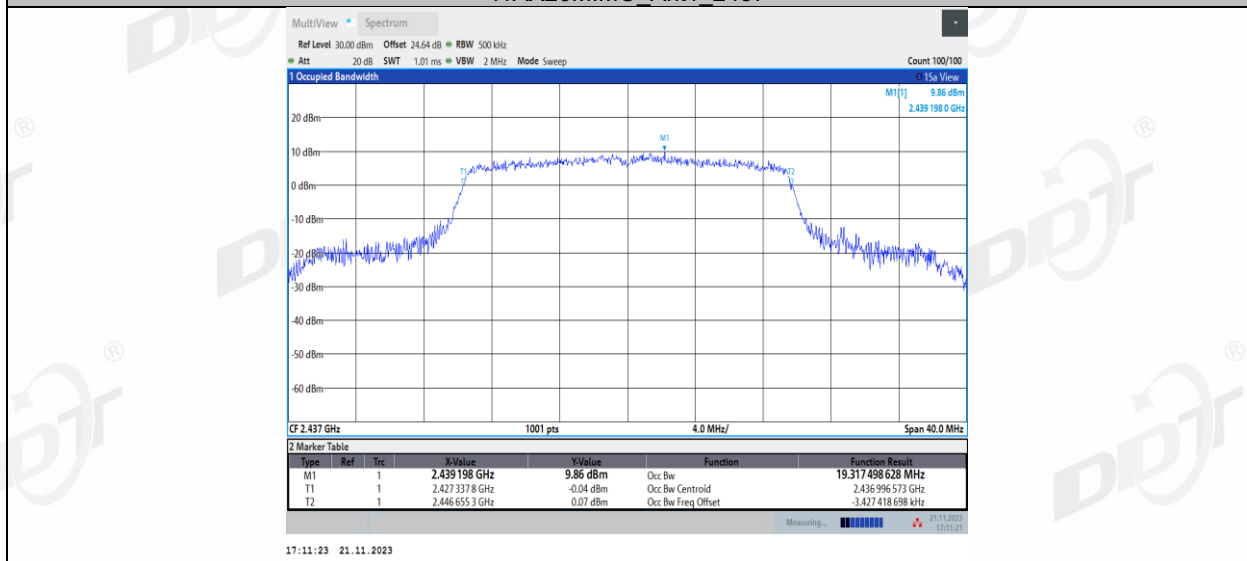
11AX20MIMO_Ant1_2412



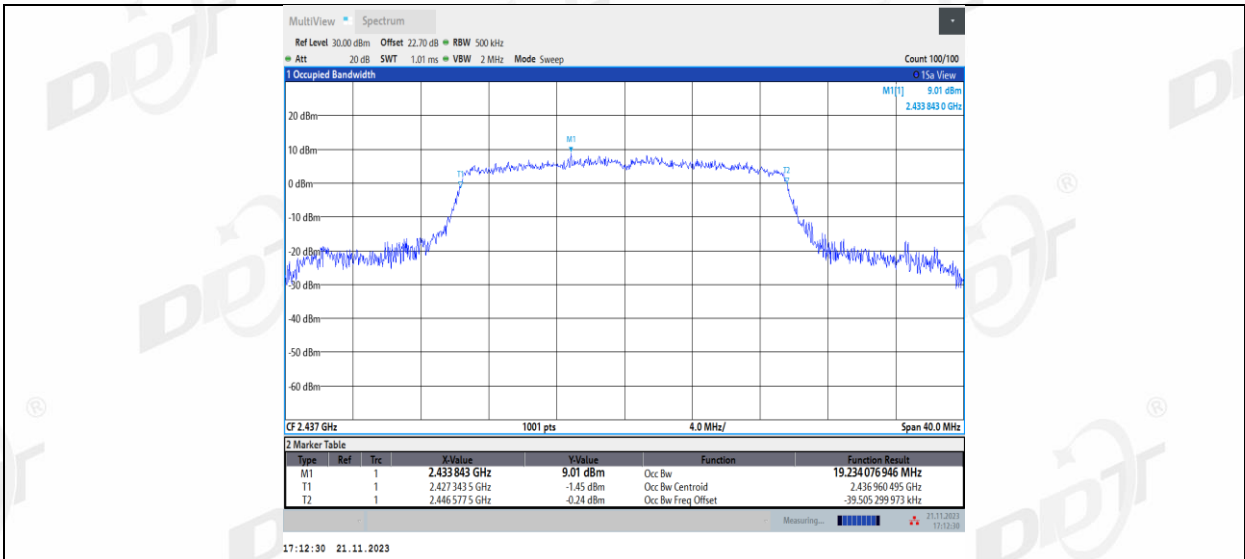
11AX20MIMO_Ant2_2412



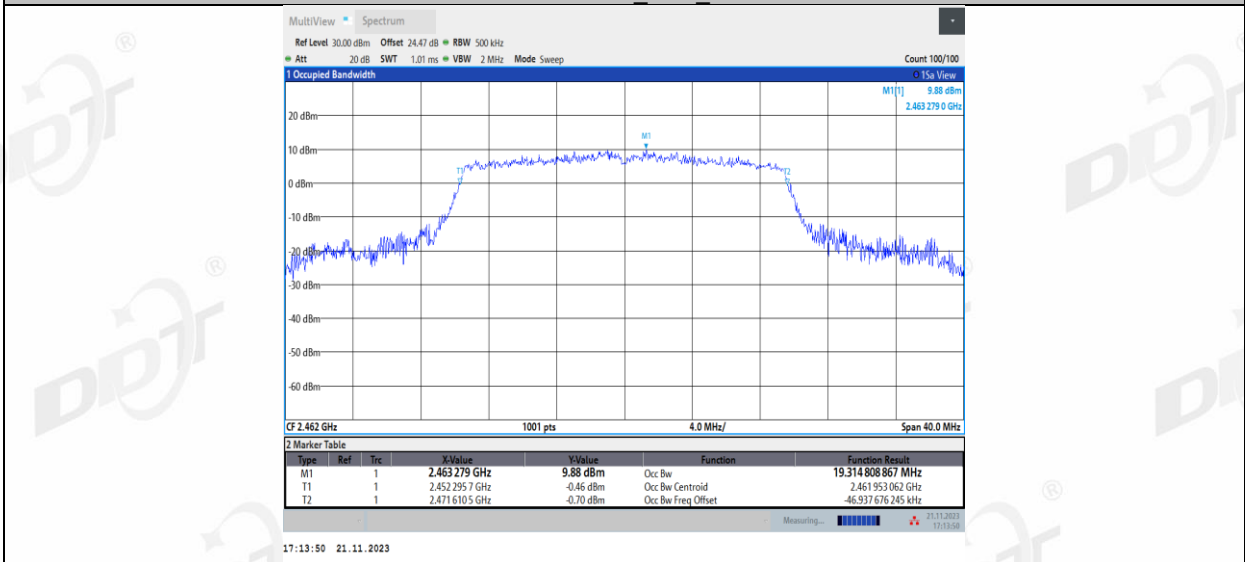
11AX20MIMO_Ant1_2437



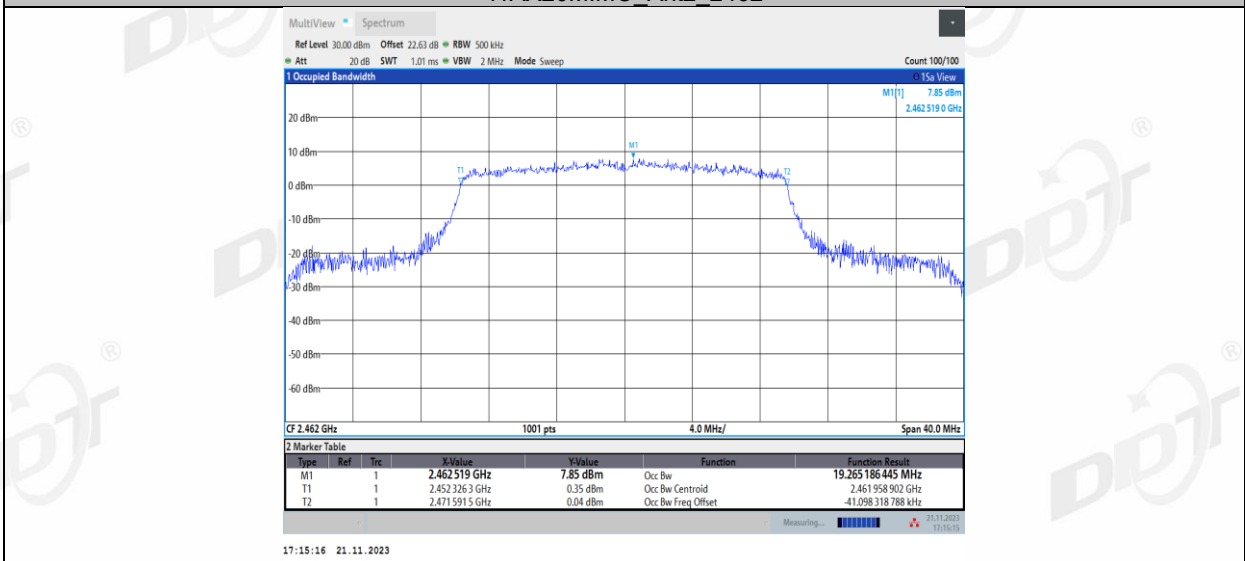
11AX20MIMO_Ant2_2437



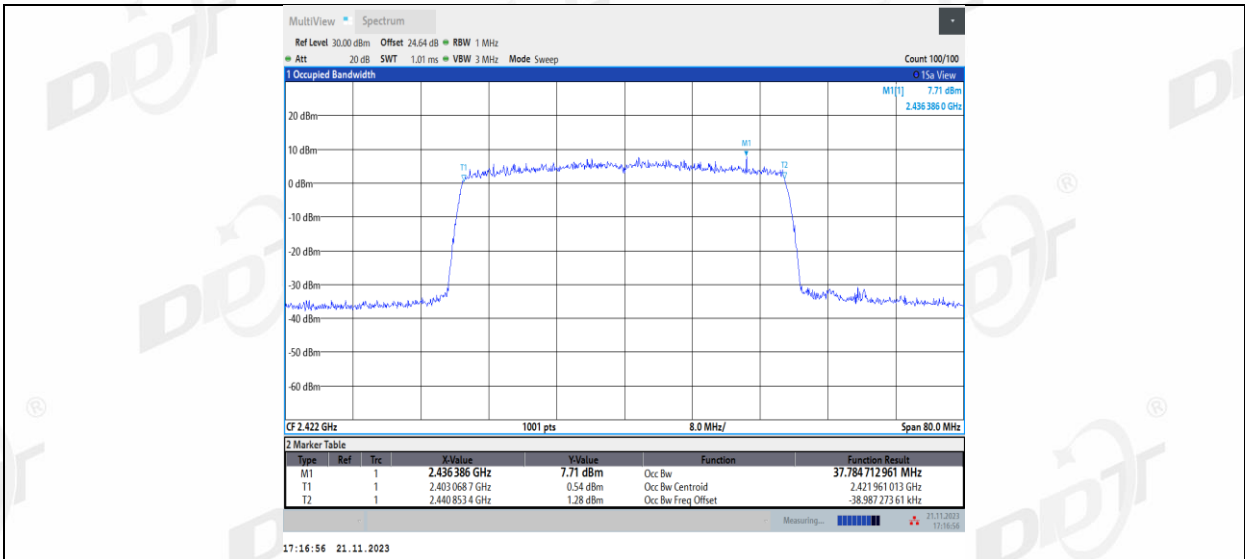
11AX20MIMO_Ant1_2462



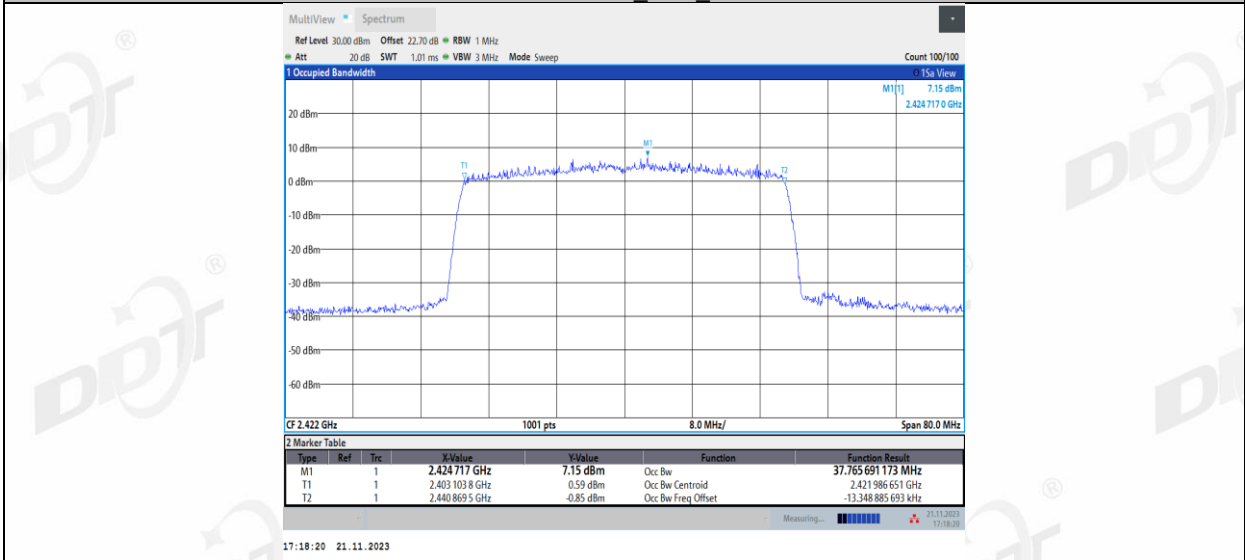
11AX20MIMO_Ant2_2462



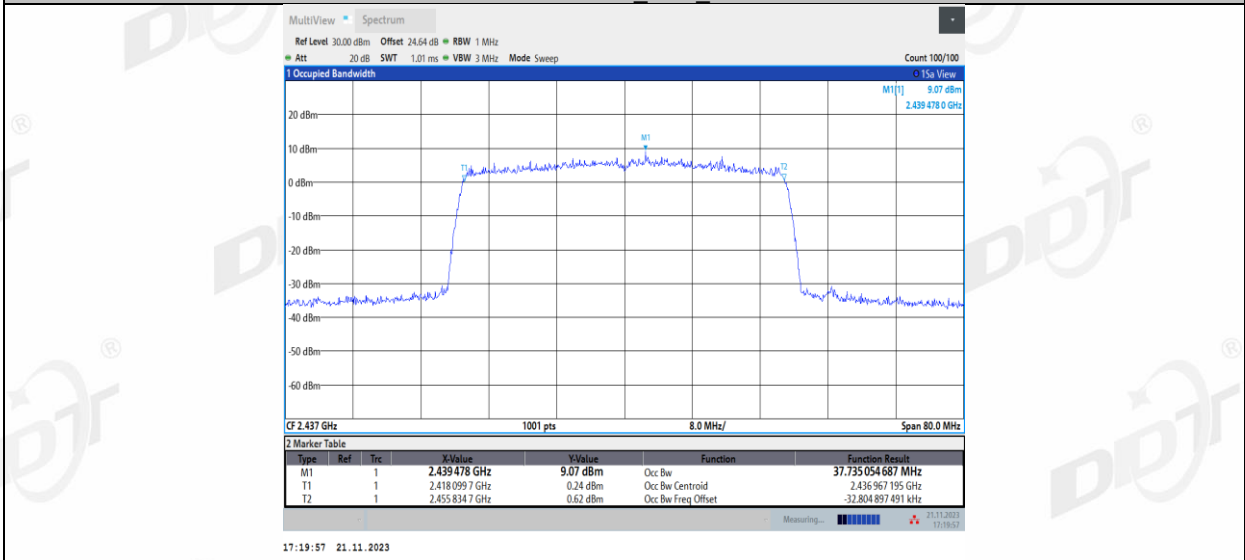
11AX40MIMO_Ant1_2422



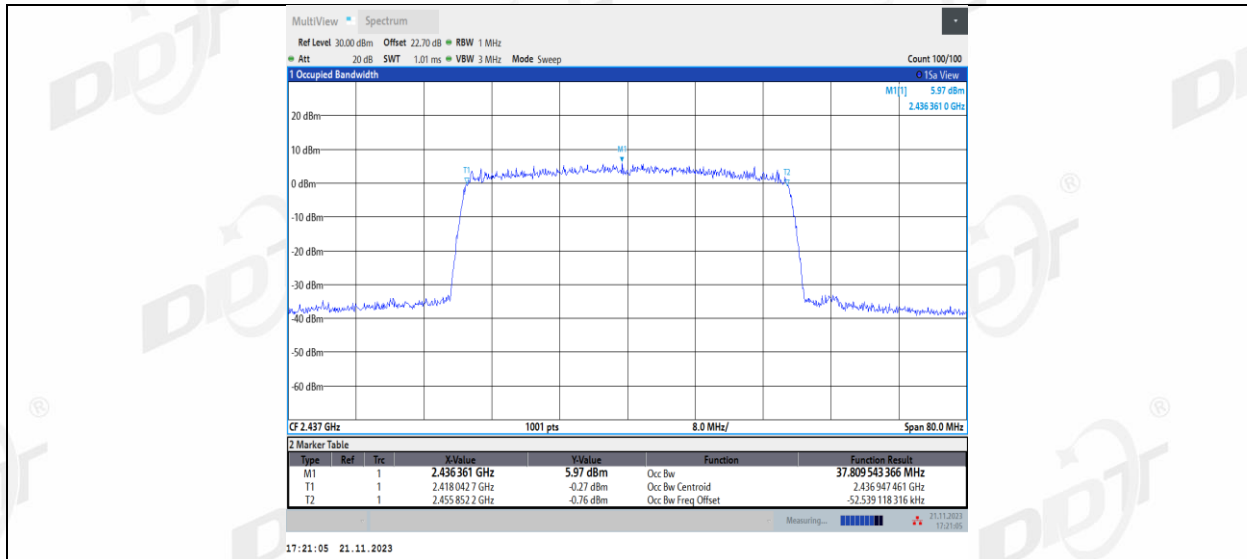
11AX40MIMO_Ant2_2422



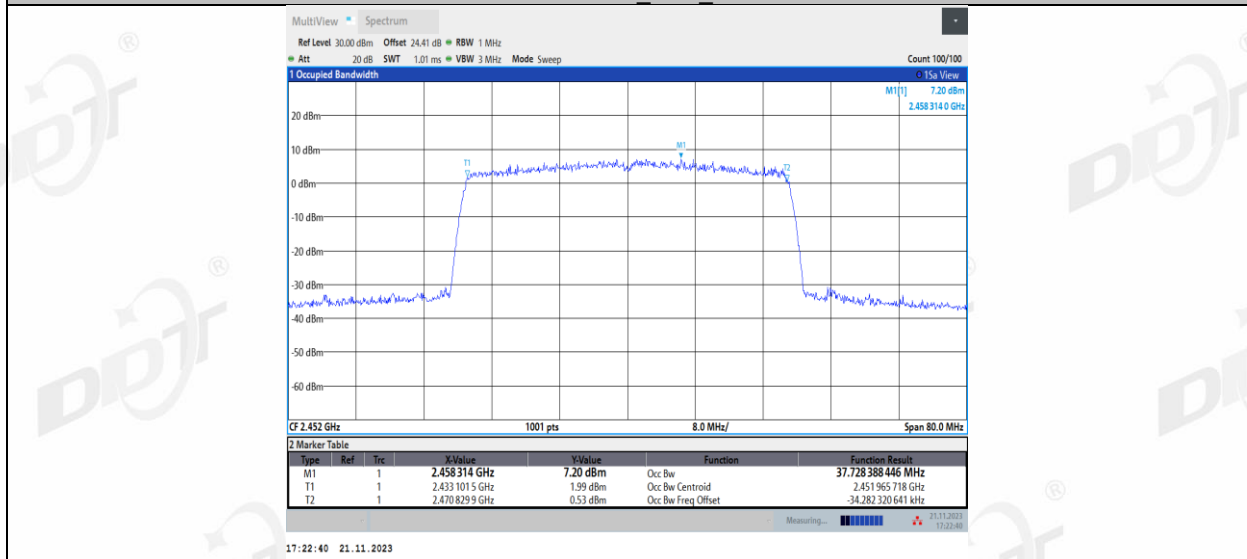
11AX40MIMO_Ant1_2437



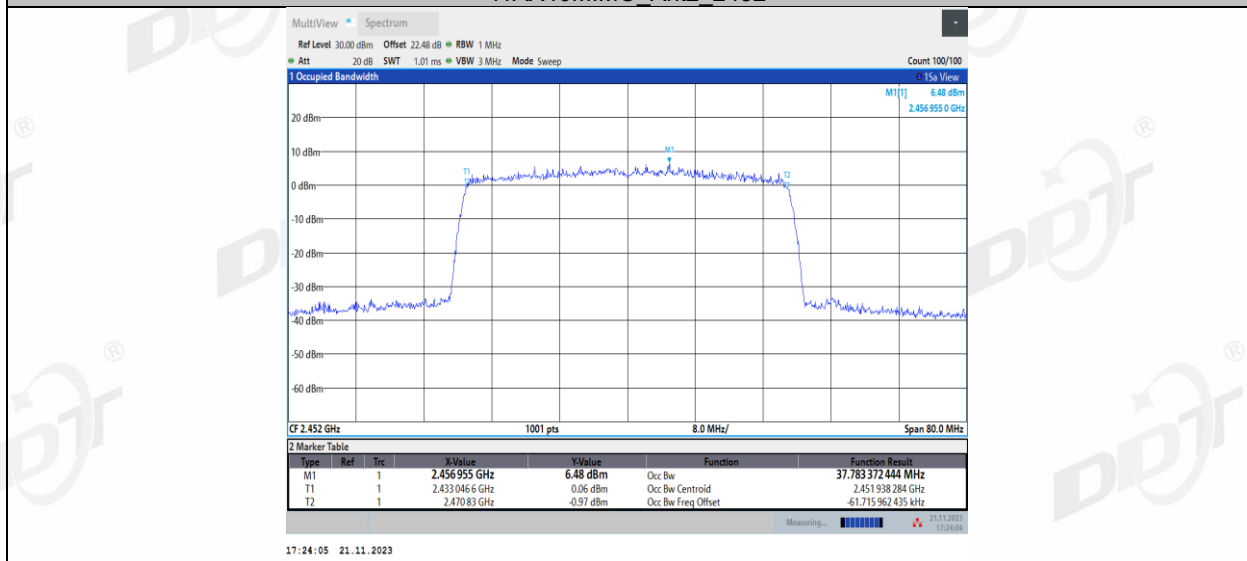
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452

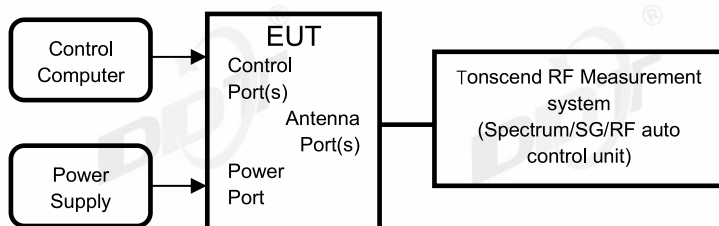


11AX40MIMO_Ant2_2452



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

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	23.4℃,48.3%RH	Test Date:	2023.11.21/2024.02.01
Test Power Supply:	Battery	EUT:	Wireless Speaker
Sample Number:	S23111312-01	Model No.:	BOOMBOX3 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	13.91	99.64	0.02	13.93	≤30.00	16.60	≤36.00	PASS
	Ant2	2412	14.41	99.64	0.02	14.43	≤30.00	16.73	≤36.00	PASS
	Ant1	2437	13.92	99.64	0.02	13.94	≤30.00	16.61	≤36.00	PASS
	Ant2	2437	14.29	99.64	0.02	14.31	≤30.00	16.61	≤36.00	PASS
	Ant1	2462	13.87	99.64	0.02	13.89	≤30.00	16.56	≤36.00	PASS
	Ant2	2462	14.35	99.64	0.02	14.37	≤30.00	16.67	≤36.00	PASS
11G	Ant1	2412	11.04	97.20	0.12	11.16	≤30.00	13.83	≤36.00	PASS
	Ant2	2412	11.53	97.20	0.12	11.65	≤30.00	13.95	≤36.00	PASS
	Ant1	2437	10.99	97.89	0.09	11.08	≤30.00	13.75	≤36.00	PASS
	Ant2	2437	11.66	97.20	0.12	11.78	≤30.00	14.08	≤36.00	PASS
	Ant1	2462	11.29	97.20	0.12	11.41	≤30.00	14.08	≤36.00	PASS
	Ant2	2462	11.33	97.20	0.12	11.45	≤30.00	13.75	≤36.00	PASS
11N20MIMO	Ant1	2412	9.43	94.37	0.25	9.68	≤30.00	12.35	≤36.00	PASS
	Ant2	2412	9.86	94.37	0.25	10.11	≤30.00	12.41	≤36.00	PASS
	total	2412	---	---	---	12.91	≤30.00	15.39	≤36.00	PASS
	Ant1	2437	9.49	94.37	0.25	9.74	≤30.00	12.41	≤36.00	PASS
	Ant2	2437	10.03	94.37	0.25	10.28	≤30.00	12.58	≤36.00	PASS
	total	2437	---	---	---	13.03	≤30.00	15.51	≤36.00	PASS
	Ant1	2462	9.54	94.37	0.25	9.79	≤30.00	12.46	≤36.00	PASS
	Ant2	2462	10.03	94.37	0.25	10.28	≤30.00	12.58	≤36.00	PASS
total	2462	---	---	---	13.05	≤30.00	15.53	≤36.00	PASS	
11N40MIMO	Ant1	2422	7.18	92.11	0.36	7.54	≤30.00	10.21	≤36.00	PASS
	Ant2	2422	7.65	92.11	0.36	8.01	≤30.00	10.31	≤36.00	PASS
	total	2422	---	---	---	10.79	≤30.00	13.27	≤36.00	PASS
	Ant1	2437	7.16	92.11	0.36	7.52	≤30.00	10.19	≤36.00	PASS
	Ant2	2437	7.63	92.11	0.36	7.99	≤30.00	10.29	≤36.00	PASS
	total	2437	---	---	---	10.77	≤30.00	13.25	≤36.00	PASS
	Ant1	2452	7.20	89.47	0.48	7.68	≤30.00	10.35	≤36.00	PASS
	Ant2	2452	7.64	89.74	0.47	8.11	≤30.00	10.41	≤36.00	PASS
total	2452	---	---	---	10.91	≤30.00	13.39	≤36.00	PASS	
11AX20MIMO	Ant1	2412	8.30	96.19	0.17	8.47	≤30.00	11.14	≤36.00	PASS
	Ant2	2412	8.72	96.19	0.17	8.89	≤30.00	11.19	≤36.00	PASS
	total	2412	---	---	---	11.70	≤30.00	14.18	≤36.00	PASS
	Ant1	2437	8.29	96.19	0.17	8.46	≤30.00	11.13	≤36.00	PASS
	Ant2	2437	8.69	97.14	0.13	8.82	≤30.00	11.12	≤36.00	PASS
	total	2437	---	---	---	11.65	≤30.00	14.14	≤36.00	PASS
	Ant1	2462	8.16	96.19	0.17	8.33	≤30.00	11.00	≤36.00	PASS
	Ant2	2462	8.72	97.14	0.13	8.85	≤30.00	11.15	≤36.00	PASS
total	2462	---	---	---	11.61	≤30.00	14.09	≤36.00	PASS	
11AX40MIMO	Ant1	2422	7.15	92.98	0.32	7.47	≤30.00	10.14	≤36.00	PASS
	Ant2	2422	7.62	92.98	0.32	7.94	≤30.00	10.24	≤36.00	PASS
	total	2422	---	---	---	10.72	≤30.00	13.20	≤36.00	PASS
	Ant1	2437	7.12	94.74	0.23	7.35	≤30.00	10.02	≤36.00	PASS
	Ant2	2437	7.61	92.98	0.32	7.93	≤30.00	10.23	≤36.00	PASS
	total	2437	---	---	---	10.66	≤30.00	13.14	≤36.00	PASS
	Ant1	2452	7.12	94.74	0.23	7.35	≤30.00	10.02	≤36.00	PASS
	Ant2	2452	7.63	92.98	0.32	7.95	≤30.00	10.25	≤36.00	PASS
total	2452	---	---	---	10.67	≤30.00	13.15	≤36.00	PASS	

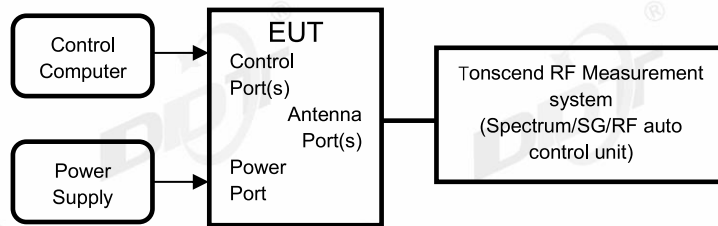
Test Mode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Peak Power [dBm]	Conducte d Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict		
11AX20 MIMO	Ant1	2412	26Tone	RU0	10.48	≤30.00	13.15	≤36.00	PASS		
				RU4	10.60	≤30.00	13.27	≤36.00	PASS		
				RU8	10.15	≤30.00	12.82	≤36.00	PASS		
			52Tone	RU37	11.07	≤30.00	13.74	≤36.00	PASS		
				RU38	10.98	≤30.00	13.65	≤36.00	PASS		
				RU39	10.78	≤30.00	13.45	≤36.00	PASS		
			106Tone	RU40	10.70	≤30.00	13.37	≤36.00	PASS		
				RU53	11.24	≤30.00	13.91	≤36.00	PASS		
				RU54	11.20	≤30.00	13.87	≤36.00	PASS		
			Ant2	2412	26Tone	RU0	10.19	≤30.00	12.49	≤36.00	PASS
						RU4	10.64	≤30.00	12.94	≤36.00	PASS
						RU8	10.37	≤30.00	12.67	≤36.00	PASS
	52Tone	RU37			10.87	≤30.00	13.17	≤36.00	PASS		
		RU38			10.79	≤30.00	13.09	≤36.00	PASS		
		RU39			10.91	≤30.00	13.21	≤36.00	PASS		
	106Tone	RU40			10.81	≤30.00	13.11	≤36.00	PASS		
		RU53			11.20	≤30.00	13.50	≤36.00	PASS		
		RU54			11.45	≤30.00	13.75	≤36.00	PASS		
	total	2412			26Tone	RU0	13.35	≤30.00	15.84	≤36.00	PASS
						RU4	13.63	≤30.00	16.12	≤36.00	PASS
						RU8	13.27	≤30.00	15.76	≤36.00	PASS
			52Tone	RU37	13.98	≤30.00	16.47	≤36.00	PASS		
				RU38	13.90	≤30.00	16.39	≤36.00	PASS		
				RU39	13.86	≤30.00	16.34	≤36.00	PASS		
			106Tone	RU40	13.77	≤30.00	16.25	≤36.00	PASS		
				RU53	14.23	≤30.00	16.72	≤36.00	PASS		
				RU54	14.34	≤30.00	16.82	≤36.00	PASS		
			Ant1	2437	26Tone	RU0	10.35	≤30.00	13.02	≤36.00	PASS
						RU4	10.60	≤30.00	13.27	≤36.00	PASS
						RU8	10.23	≤30.00	12.90	≤36.00	PASS
	52Tone	RU37			10.54	≤30.00	13.21	≤36.00	PASS		
		RU38			10.60	≤30.00	13.27	≤36.00	PASS		
		RU39			10.69	≤30.00	13.36	≤36.00	PASS		
	106Tone	RU40			10.78	≤30.00	13.45	≤36.00	PASS		
		RU53			11.04	≤30.00	13.71	≤36.00	PASS		
		RU54			10.98	≤30.00	13.65	≤36.00	PASS		
	Ant2	2437			26Tone	RU0	10.45	≤30.00	12.75	≤36.00	PASS
						RU4	10.68	≤30.00	12.98	≤36.00	PASS
						RU8	10.65	≤30.00	12.95	≤36.00	PASS
			52Tone	RU37	10.85	≤30.00	13.15	≤36.00	PASS		
				RU38	11.03	≤30.00	13.33	≤36.00	PASS		
				RU39	10.85	≤30.00	13.15	≤36.00	PASS		
			106Tone	RU40	10.76	≤30.00	13.06	≤36.00	PASS		
				RU53	11.02	≤30.00	13.32	≤36.00	PASS		
				RU54	11.28	≤30.00	13.58	≤36.00	PASS		
			total	2437	26Tone	RU0	13.41	≤30.00	15.90	≤36.00	PASS
						RU4	13.65	≤30.00	16.14	≤36.00	PASS
						RU8	13.46	≤30.00	15.94	≤36.00	PASS
52Tone	RU37	13.71			≤30.00	16.19	≤36.00	PASS			
	RU38	13.83			≤30.00	16.31	≤36.00	PASS			
	RU39	13.78			≤30.00	16.27	≤36.00	PASS			
106Tone	RU40	13.78			≤30.00	16.27	≤36.00	PASS			
	RU53	14.04			≤30.00	16.53	≤36.00	PASS			
	RU54	14.14			≤30.00	16.63	≤36.00	PASS			
Ant1	2462	26Tone			RU0	10.06	≤30.00	12.73	≤36.00	PASS	
					RU4	10.12	≤30.00	12.79	≤36.00	PASS	
					RU8	10.01	≤30.00	12.68	≤36.00	PASS	
		52Tone	RU37	10.33	≤30.00	13.00	≤36.00	PASS			
			RU38	10.54	≤30.00	13.21	≤36.00	PASS			

11AX40 MIMO	Ant2	2462	106Tone	RU39	10.48	≤30.00	13.15	≤36.00	PASS
				RU40	10.41	≤30.00	13.08	≤36.00	PASS
				RU53	10.81	≤30.00	13.48	≤36.00	PASS
				RU54	10.58	≤30.00	13.25	≤36.00	PASS
			26Tone	RU0	10.31	≤30.00	12.61	≤36.00	PASS
				RU4	10.46	≤30.00	12.76	≤36.00	PASS
				RU8	10.37	≤30.00	12.67	≤36.00	PASS
			52Tone	RU37	10.72	≤30.00	13.02	≤36.00	PASS
	RU38	10.92		≤30.00	13.22	≤36.00	PASS		
	RU39	10.90		≤30.00	13.20	≤36.00	PASS		
	106Tone	RU40	10.44	≤30.00	12.74	≤36.00	PASS		
		RU53	11.04	≤30.00	13.34	≤36.00	PASS		
	total	2462	26Tone	RU54	11.02	≤30.00	13.32	≤36.00	PASS
				RU0	13.20	≤30.00	15.68	≤36.00	PASS
				RU4	13.30	≤30.00	15.79	≤36.00	PASS
				RU8	13.20	≤30.00	15.69	≤36.00	PASS
			52Tone	RU37	13.54	≤30.00	16.02	≤36.00	PASS
				RU38	13.74	≤30.00	16.23	≤36.00	PASS
				RU39	13.71	≤30.00	16.19	≤36.00	PASS
			106Tone	RU40	13.44	≤30.00	15.92	≤36.00	PASS
	RU53	13.94		≤30.00	16.42	≤36.00	PASS		
	Ant1	2422	106Tone	RU54	13.82	≤30.00	16.30	≤36.00	PASS
				RU55	10.62	≤30.00	13.29	≤36.00	PASS
			242Tone	RU56	10.46	≤30.00	13.13	≤36.00	PASS
RU61				13.42	≤30.00	16.09	≤36.00	PASS	
Ant2		2422	106Tone	RU62	13.65	≤30.00	16.32	≤36.00	PASS
				RU55	10.73	≤30.00	13.03	≤36.00	PASS
		242Tone	RU56	10.98	≤30.00	13.28	≤36.00	PASS	
			RU61	13.84	≤30.00	16.14	≤36.00	PASS	
total	2422	106Tone	RU62	13.53	≤30.00	15.83	≤36.00	PASS	
			RU55	13.69	≤30.00	16.17	≤36.00	PASS	
		242Tone	RU56	13.74	≤30.00	16.22	≤36.00	PASS	
			RU61	16.65	≤30.00	19.13	≤36.00	PASS	
Ant1	2437	106Tone	RU62	16.60	≤30.00	19.09	≤36.00	PASS	
			RU55	10.70	≤30.00	13.37	≤36.00	PASS	
	242Tone	RU56	10.70	≤30.00	13.37	≤36.00	PASS		
		RU61	13.36	≤30.00	16.03	≤36.00	PASS		
Ant2	2437	106Tone	RU62	13.70	≤30.00	16.37	≤36.00	PASS	
			RU55	10.98	≤30.00	13.28	≤36.00	PASS	
	242Tone	RU56	11.13	≤30.00	13.43	≤36.00	PASS		
		RU61	14.11	≤30.00	16.41	≤36.00	PASS		
total	2437	106Tone	RU62	13.95	≤30.00	16.25	≤36.00	PASS	
			RU55	13.85	≤30.00	16.34	≤36.00	PASS	
		242Tone	RU56	13.93	≤30.00	16.41	≤36.00	PASS	
			RU61	16.76	≤30.00	19.23	≤36.00	PASS	
Ant1	2452	106Tone	RU62	16.84	≤30.00	19.32	≤36.00	PASS	
			RU55	11.01	≤30.00	13.68	≤36.00	PASS	
	242Tone	RU56	10.77	≤30.00	13.44	≤36.00	PASS		
		RU61	13.75	≤30.00	16.42	≤36.00	PASS		
Ant2	2452	106Tone	RU62	13.32	≤30.00	15.99	≤36.00	PASS	
			RU55	10.79	≤30.00	13.09	≤36.00	PASS	
	242Tone	RU56	10.65	≤30.00	12.95	≤36.00	PASS		
		RU61	13.78	≤30.00	16.08	≤36.00	PASS		
total	2452	106Tone	RU62	13.47	≤30.00	15.77	≤36.00	PASS	
			RU55	13.91	≤30.00	16.41	≤36.00	PASS	
		242Tone	RU56	13.72	≤30.00	16.21	≤36.00	PASS	
			RU61	16.78	≤30.00	19.26	≤36.00	PASS	
RU62	16.41	≤30.00	18.89	≤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:	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW:	$\geq 3\text{RBW}$
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:	23.4℃,48.3%RH	Test Date:	2023.11.21/2024.02.01
Test Power Supply:	Battery	EUT:	Wireless Speaker
Sample Number:	S23111312-01	Model No.:	BOOMBOX3 Wi-Fi

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.29	≤8.00	PASS
	Ant2	2412	-14.33	≤8.00	PASS
	Ant1	2437	-14.00	≤8.00	PASS
	Ant2	2437	-15.60	≤8.00	PASS
	Ant1	2462	-14.01	≤8.00	PASS
	Ant2	2462	-15.54	≤8.00	PASS
11G	Ant1	2412	-19.31	≤8.00	PASS
	Ant2	2412	-20.54	≤8.00	PASS
	Ant1	2437	-18.94	≤8.00	PASS
	Ant2	2437	-20.61	≤8.00	PASS
	Ant1	2462	-18.19	≤8.00	PASS
	Ant2	2462	-20.63	≤8.00	PASS
11N20MIMO	Ant1	2412	-21.11	≤8.00	PASS
	Ant2	2412	-22.75	≤8.00	PASS
	total	2412	-18.84	≤8.00	PASS
	Ant1	2437	-21.56	≤8.00	PASS
	Ant2	2437	-22.79	≤8.00	PASS
	total	2437	-19.12	≤8.00	PASS
	Ant1	2462	-21.45	≤8.00	PASS
	Ant2	2462	-22.62	≤8.00	PASS
	total	2462	-18.99	≤8.00	PASS
	total	2412	-18.84	≤8.00	PASS
11N40MIMO	Ant1	2422	-24.26	≤8.00	PASS
	Ant2	2422	-26.21	≤8.00	PASS
	total	2422	-22.12	≤8.00	PASS
	Ant1	2437	-23.91	≤8.00	PASS
	Ant2	2437	-25.91	≤8.00	PASS
	total	2437	-21.79	≤8.00	PASS
	Ant1	2452	-24.23	≤8.00	PASS
	Ant2	2452	-26.26	≤8.00	PASS
	total	2452	-22.12	≤8.00	PASS
	total	2422	-22.12	≤8.00	PASS
11AX20MIMO	Ant1	2412	-22.30	≤8.00	PASS
	Ant2	2412	-24.79	≤8.00	PASS
	total	2412	-20.36	≤8.00	PASS
	Ant1	2437	-22.59	≤8.00	PASS
	Ant2	2437	-24.60	≤8.00	PASS
	total	2437	-20.47	≤8.00	PASS
	Ant1	2462	-22.44	≤8.00	PASS
	Ant2	2462	-24.09	≤8.00	PASS
	total	2462	-20.18	≤8.00	PASS
	total	2412	-20.36	≤8.00	PASS
11AX40MIMO	Ant1	2422	-26.76	≤8.00	PASS
	Ant2	2422	-27.84	≤8.00	PASS
	total	2422	-24.26	≤8.00	PASS
	Ant1	2437	-26.65	≤8.00	PASS
	Ant2	2437	-27.28	≤8.00	PASS
	total	2437	-23.94	≤8.00	PASS
	Ant1	2452	-26.82	≤8.00	PASS
	Ant2	2452	-27.21	≤8.00	PASS
	total	2452	-24.00	≤8.00	PASS
	total	2422	-24.26	≤8.00	PASS

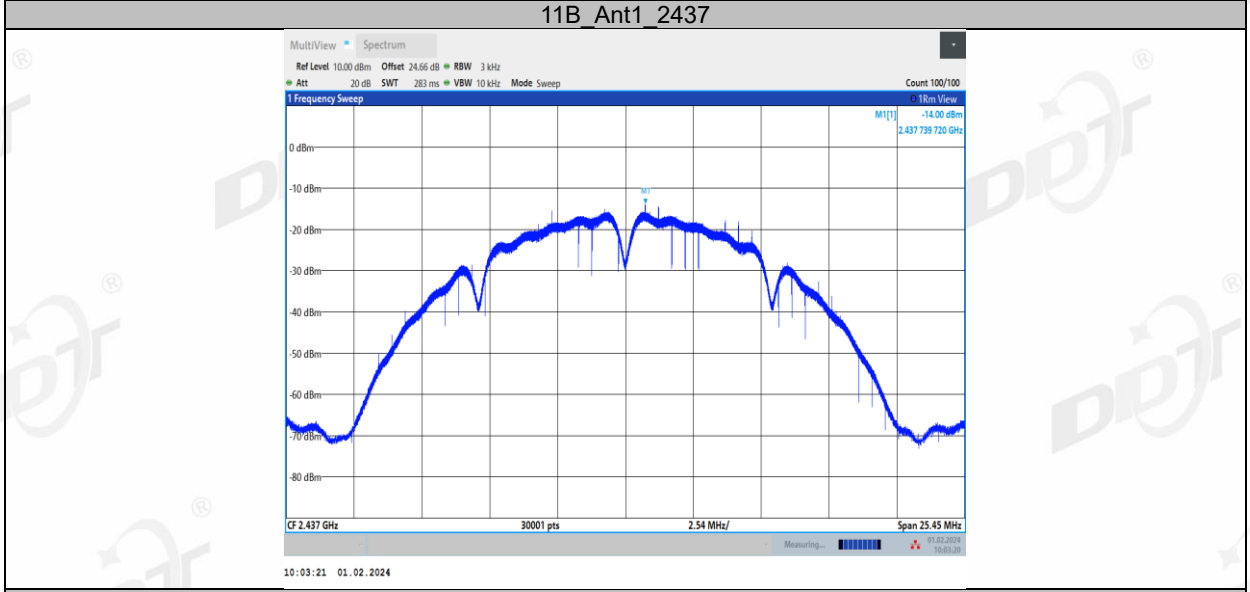
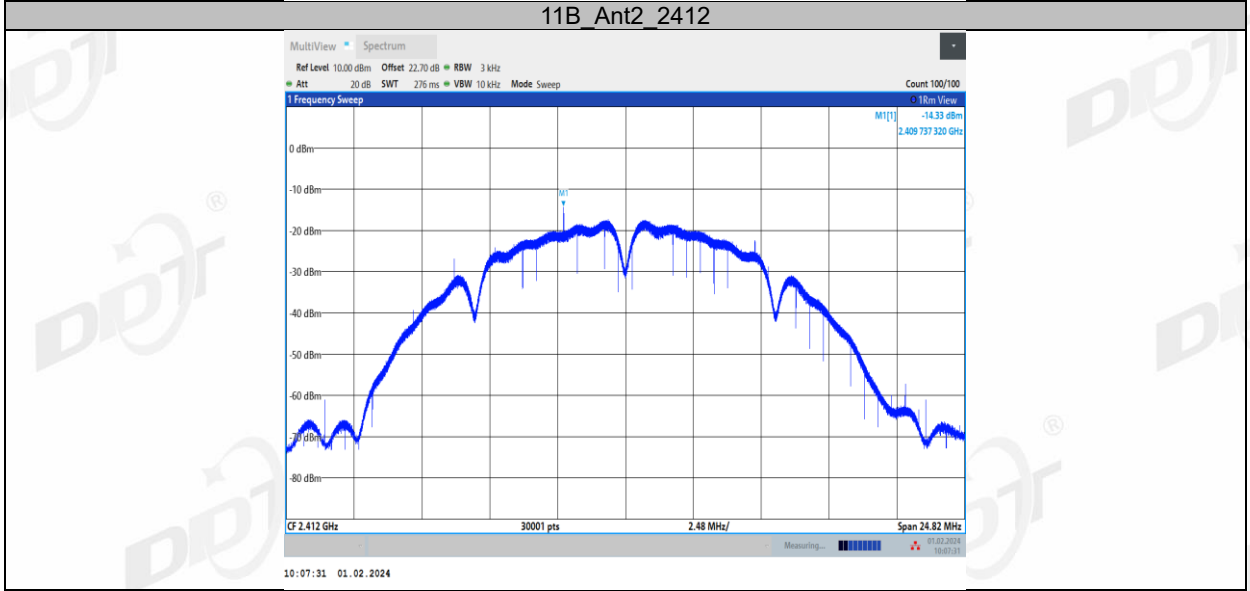
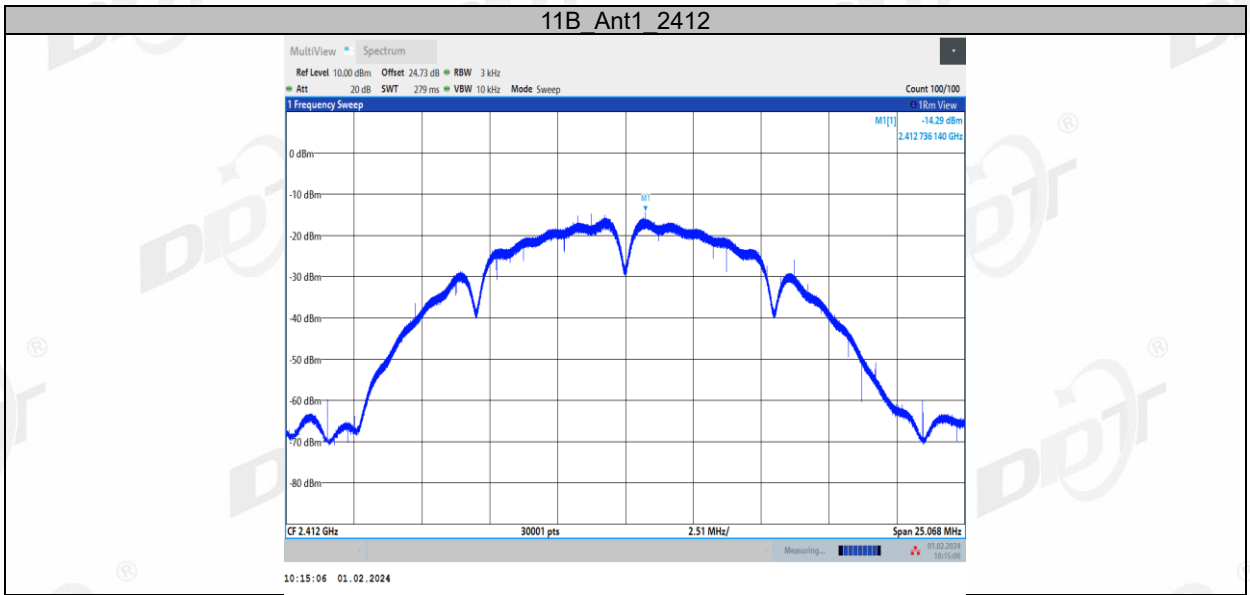
Test Mode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20MIMO O	Ant1	2412	26Tone	RU0	-10.74	≤8.00	PASS
				RU4	-10.33	≤8.00	PASS
				RU8	-10.14	≤8.00	PASS

Ant2	2412	52Tone	RU37	-13.90	≤8.00	PASS		
			RU38	-12.99	≤8.00	PASS		
			RU39	-14.62	≤8.00	PASS		
			RU40	-13.10	≤8.00	PASS		
		106Tone	RU53	-13.09	≤8.00	PASS		
			RU54	-14.38	≤8.00	PASS		
		26Tone	RU0	-11.86	≤8.00	PASS		
			RU4	-12.86	≤8.00	PASS		
			RU8	-12.40	≤8.00	PASS		
			RU37	-15.86	≤8.00	PASS		
			RU38	-16.10	≤8.00	PASS		
			RU39	-15.85	≤8.00	PASS		
52Tone	RU40	-15.41	≤8.00	PASS				
	RU53	-17.35	≤8.00	PASS				
	RU54	-15.66	≤8.00	PASS				
	RU0	-8.25	≤8.00	PASS				
total	2412	26Tone	RU4	-8.40	≤8.00	PASS		
			RU8	-8.11	≤8.00	PASS		
			RU37	-11.76	≤8.00	PASS		
		52Tone	RU38	-11.26	≤8.00	PASS		
			RU39	-12.18	≤8.00	PASS		
			RU40	-11.09	≤8.00	PASS		
			RU53	-11.71	≤8.00	PASS		
		106Tone	RU54	-11.96	≤8.00	PASS		
			RU0	-11.15	≤8.00	PASS		
		Ant1	2437	26Tone	RU4	-11.07	≤8.00	PASS
					RU8	-10.83	≤8.00	PASS
					RU37	-14.05	≤8.00	PASS
52Tone	RU38			-12.91	≤8.00	PASS		
	RU39			-13.94	≤8.00	PASS		
	RU40			-12.65	≤8.00	PASS		
	RU53			-14.92	≤8.00	PASS		
106Tone	RU54			-15.78	≤8.00	PASS		
	RU0			-13.39	≤8.00	PASS		
Ant2	2437			26Tone	RU4	-12.64	≤8.00	PASS
					RU8	-12.05	≤8.00	PASS
					RU37	-15.43	≤8.00	PASS
		52Tone	RU38	-15.15	≤8.00	PASS		
			RU39	-15.81	≤8.00	PASS		
			RU40	-14.15	≤8.00	PASS		
			RU53	-17.03	≤8.00	PASS		
		106Tone	RU54	-17.54	≤8.00	PASS		
			RU0	-9.12	≤8.00	PASS		
		total	2437	26Tone	RU4	-8.77	≤8.00	PASS
					RU8	-8.39	≤8.00	PASS
					RU37	-11.68	≤8.00	PASS
52Tone	RU38			-10.88	≤8.00	PASS		
	RU39			-11.76	≤8.00	PASS		
	RU40			-10.33	≤8.00	PASS		
	RU53			-12.84	≤8.00	PASS		
106Tone	RU54			-13.56	≤8.00	PASS		
	RU0			-11.02	≤8.00	PASS		
Ant1	2462			26Tone	RU4	-11.34	≤8.00	PASS
					RU8	-10.92	≤8.00	PASS
					RU37	-14.04	≤8.00	PASS
		52Tone	RU38	-13.29	≤8.00	PASS		
			RU39	-14.05	≤8.00	PASS		
			RU40	-12.96	≤8.00	PASS		
			RU53	-14.97	≤8.00	PASS		
		106Tone	RU54	-13.75	≤8.00	PASS		
			RU0	-12.03	≤8.00	PASS		
		Ant2	2462	26Tone	RU4	-12.35	≤8.00	PASS
					RU8	-12.36	≤8.00	PASS
					RU37	-15.58	≤8.00	PASS

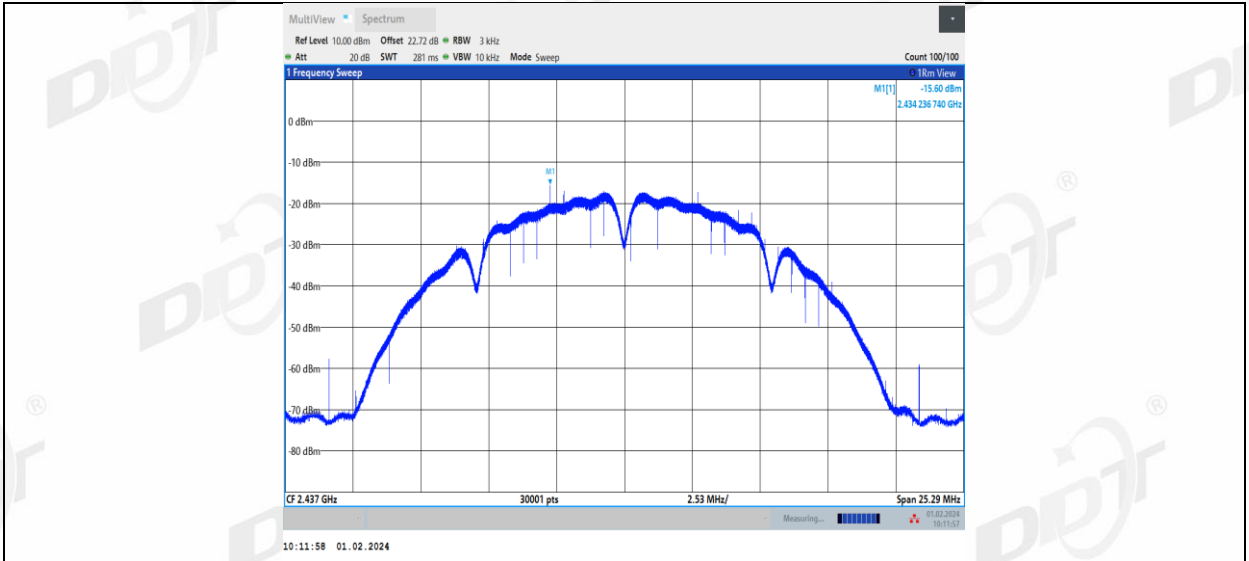
	total	2462	e	RU38	-15.53	≤8.00	PASS			
				RU39	-16.23	≤8.00	PASS			
				RU40	-15.31	≤8.00	PASS			
			106Tone	RU53	-17.20	≤8.00	PASS			
				RU54	-17.19	≤8.00	PASS			
				RU0	-8.49	≤8.00	PASS			
			26Tone	RU4	-8.81	≤8.00	PASS			
				RU8	-8.57	≤8.00	PASS			
				RU37	-11.73	≤8.00	PASS			
			52Tone	RU38	-11.26	≤8.00	PASS			
				RU39	-11.99	≤8.00	PASS			
				RU40	-10.97	≤8.00	PASS			
			106Tone	RU53	-12.93	≤8.00	PASS			
				RU54	-12.13	≤8.00	PASS			
			11AX40MIMO	Ant1	2422	106Tone	RU55	-15.89	≤8.00	PASS
							RU56	-13.98	≤8.00	PASS
242Tone	RU61	-15.27				≤8.00	PASS			
	RU62	-13.95				≤8.00	PASS			
Ant2	2422	106Tone	RU55	-18.37	≤8.00	PASS				
			RU56	-14.15	≤8.00	PASS				
		242Tone	RU61	-16.47	≤8.00	PASS				
			RU62	-14.77	≤8.00	PASS				
total	2422	106Tone	RU55	-13.95	≤8.00	PASS				
			RU56	-11.05	≤8.00	PASS				
		242Tone	RU61	-12.82	≤8.00	PASS				
			RU62	-11.33	≤8.00	PASS				
Ant1	2437	106Tone	RU55	-16.16	≤8.00	PASS				
			RU56	-14.30	≤8.00	PASS				
		242Tone	RU61	-15.01	≤8.00	PASS				
			RU62	-14.65	≤8.00	PASS				
Ant2	2437	106Tone	RU55	-16.89	≤8.00	PASS				
			RU56	-14.64	≤8.00	PASS				
		242Tone	RU61	-16.60	≤8.00	PASS				
			RU62	-15.10	≤8.00	PASS				
total	2437	106Tone	RU55	-13.50	≤8.00	PASS				
			RU56	-11.46	≤8.00	PASS				
		242Tone	RU61	-12.72	≤8.00	PASS				
			RU62	-11.86	≤8.00	PASS				
Ant1	2452	106Tone	RU55	-15.06	≤8.00	PASS				
			RU56	-12.18	≤8.00	PASS				
		242Tone	RU61	-14.80	≤8.00	PASS				
			RU62	-14.32	≤8.00	PASS				
Ant2	2452	106Tone	RU55	-18.07	≤8.00	PASS				
			RU56	-15.44	≤8.00	PASS				
		242Tone	RU61	-16.46	≤8.00	PASS				
			RU62	-16.34	≤8.00	PASS				
total	2452	106Tone	RU55	-13.30	≤8.00	PASS				
			RU56	-10.50	≤8.00	PASS				
		242Tone	RU61	-12.54	≤8.00	PASS				
			RU62	-12.20	≤8.00	PASS				

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

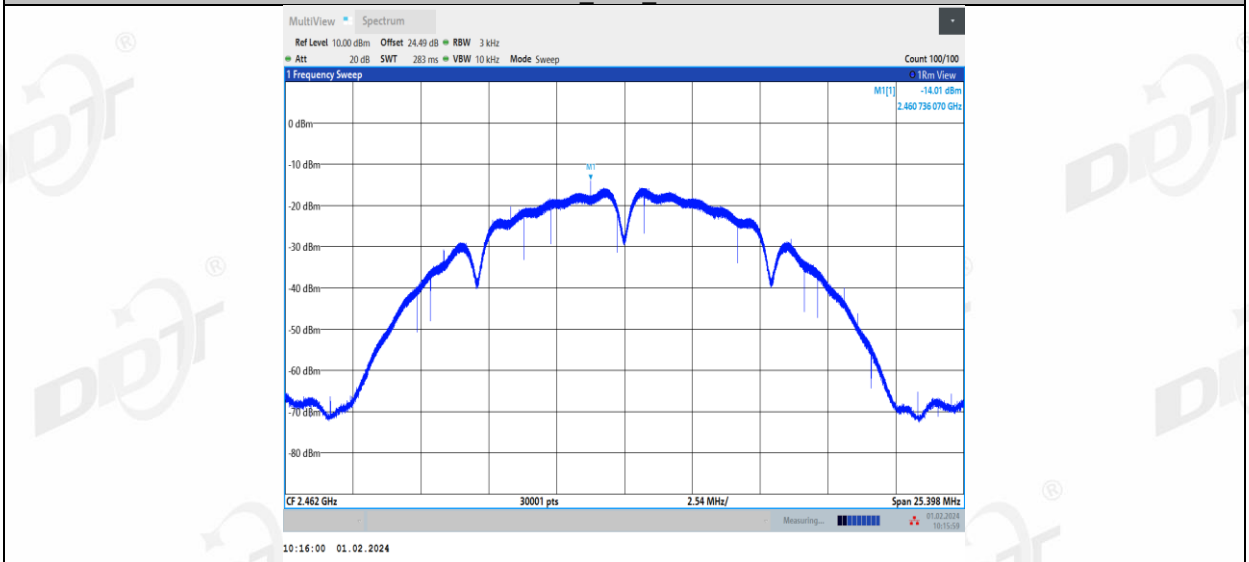
7.5. Test graphs



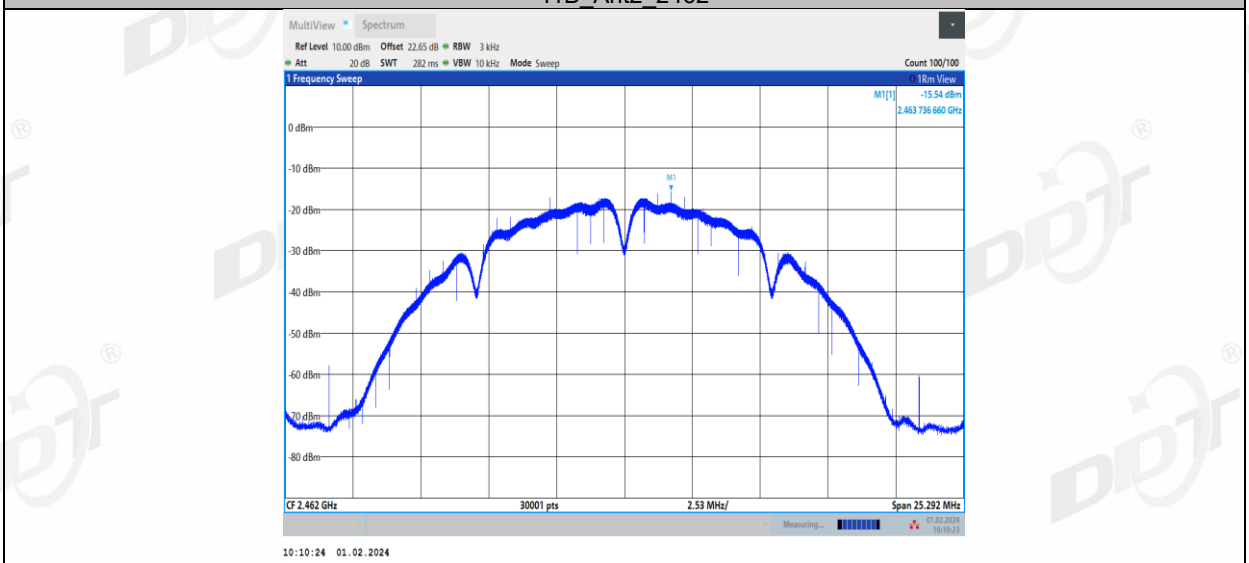
11B_Ant2_2437



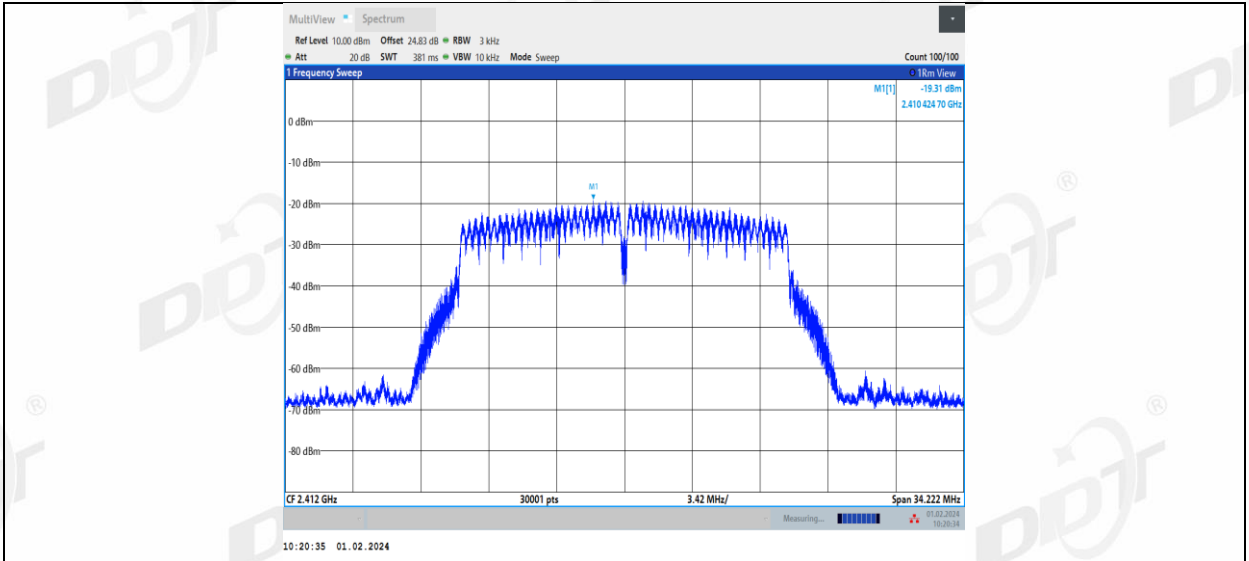
11B_Ant1_2462



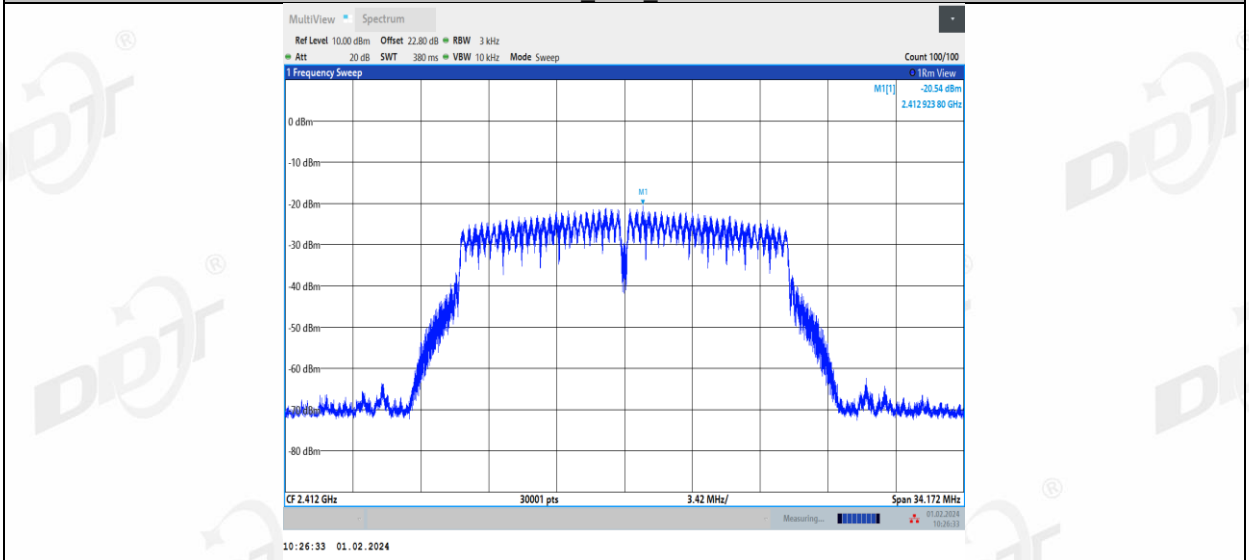
11B_Ant2_2462



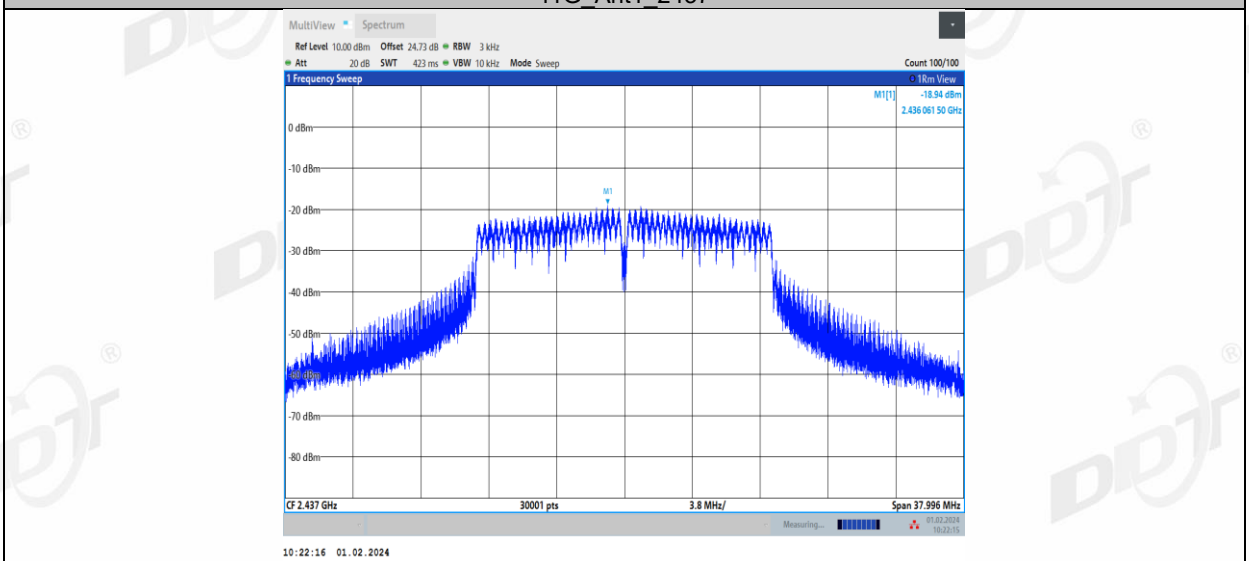
11G_Ant1_2412



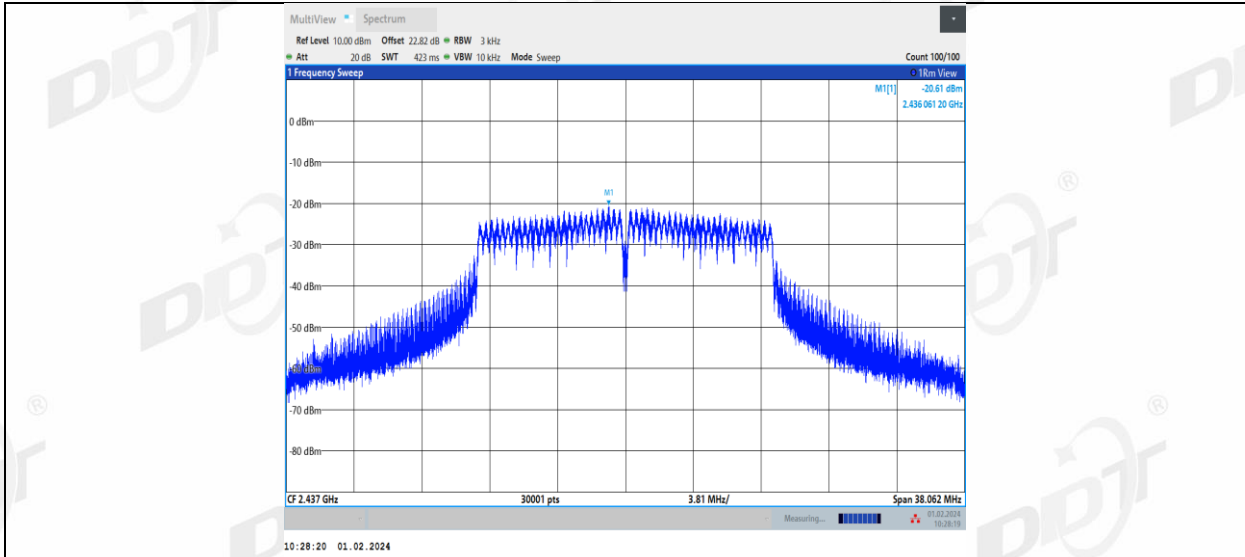
11G_Ant2_2412



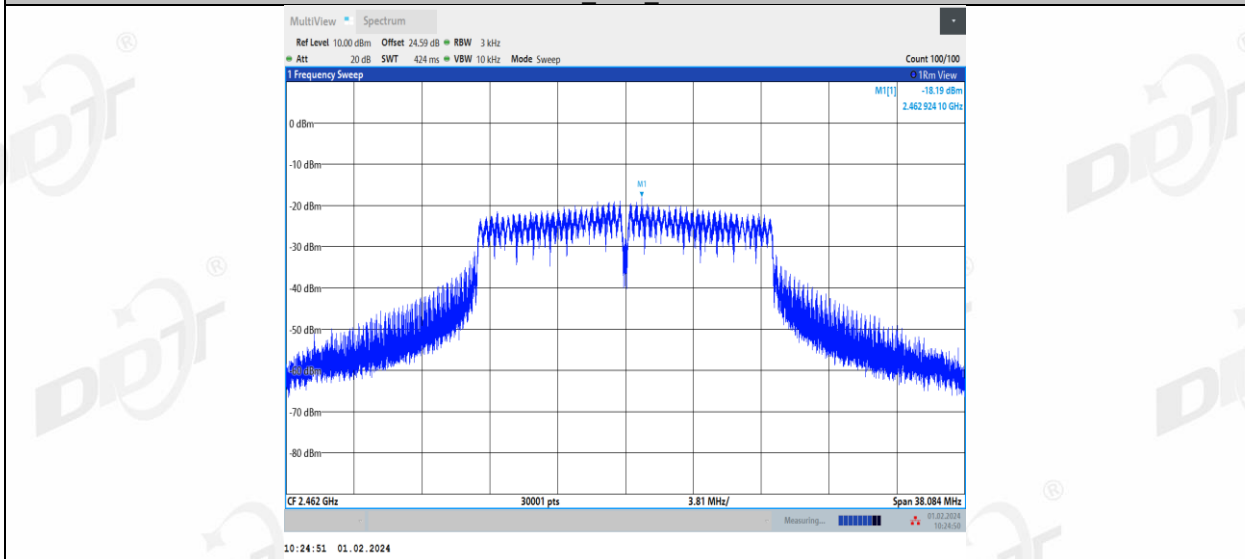
11G_Ant1_2437



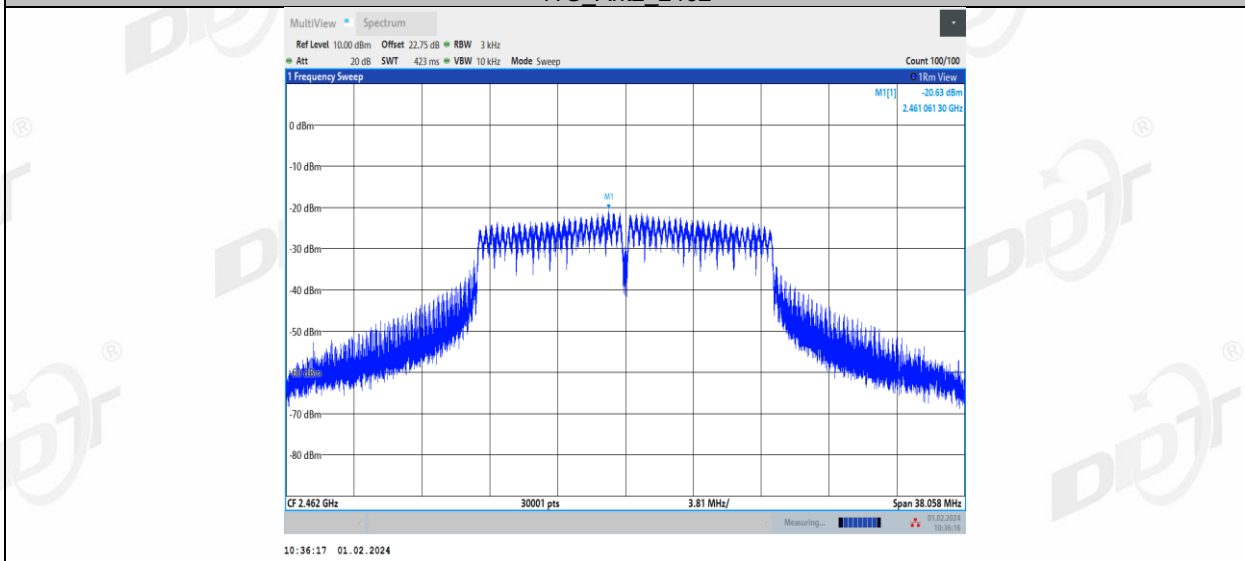
11G_Ant2_2437



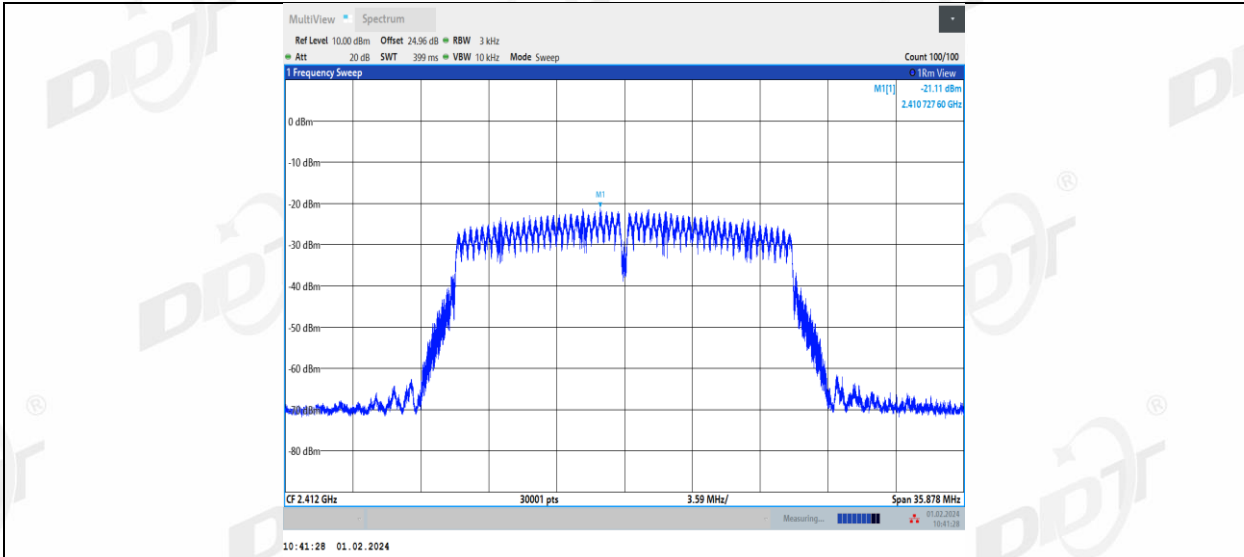
11G_Ant1_2462



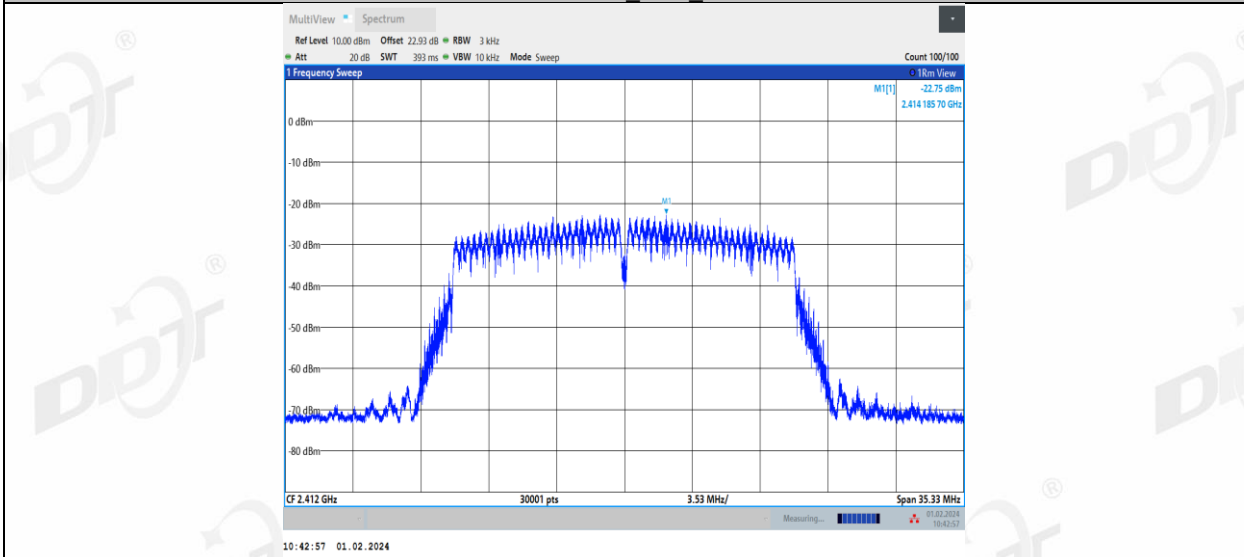
11G_Ant2_2462



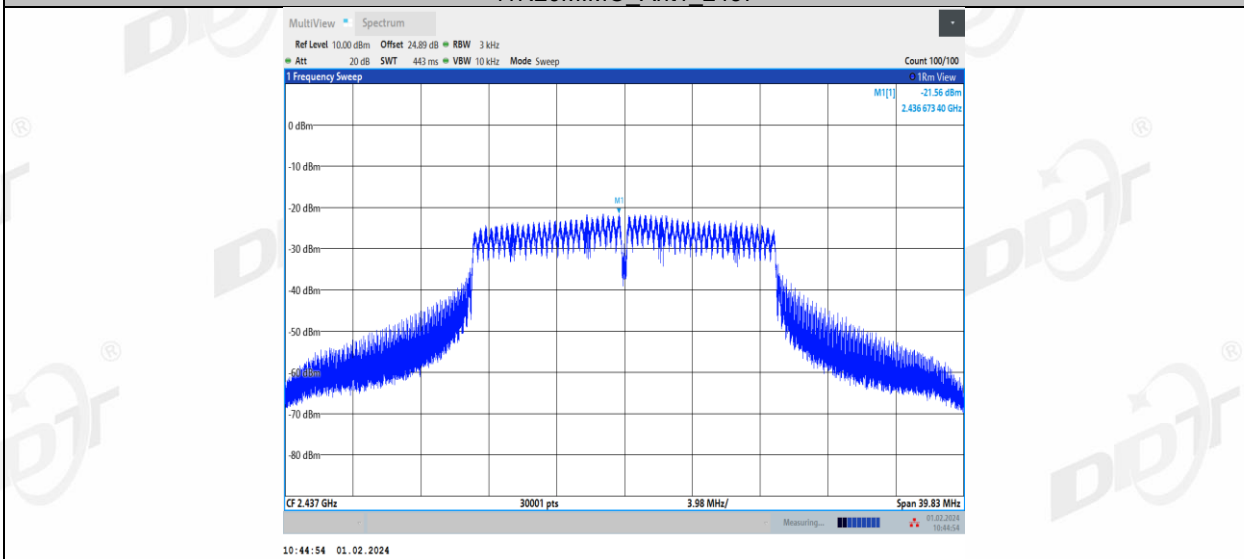
11N20MIMO_Ant1_2412



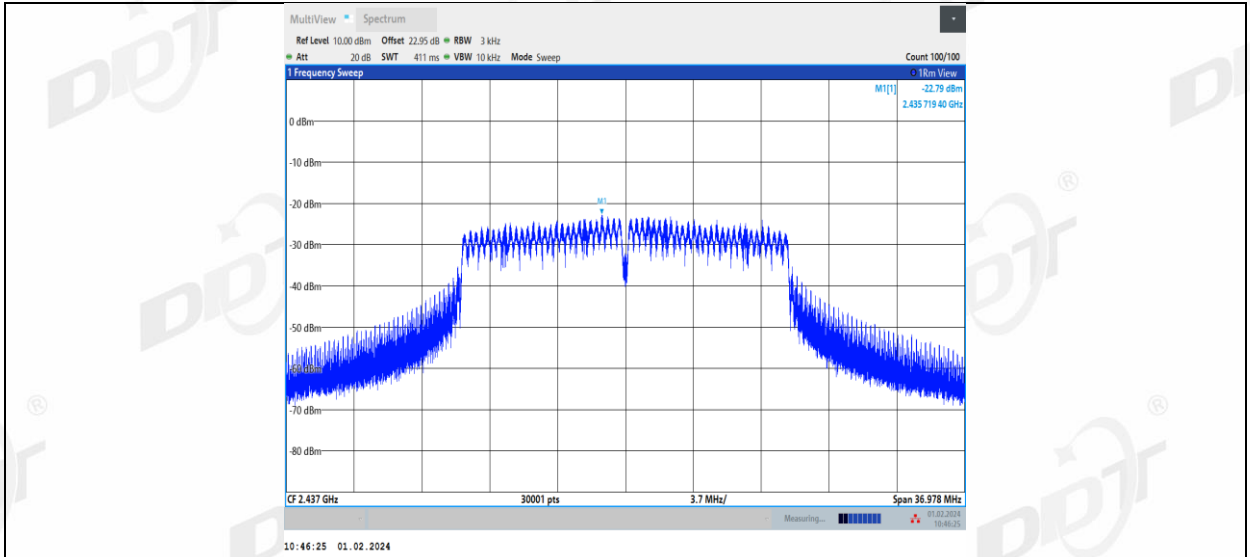
11N20MIMO_Ant2_2412



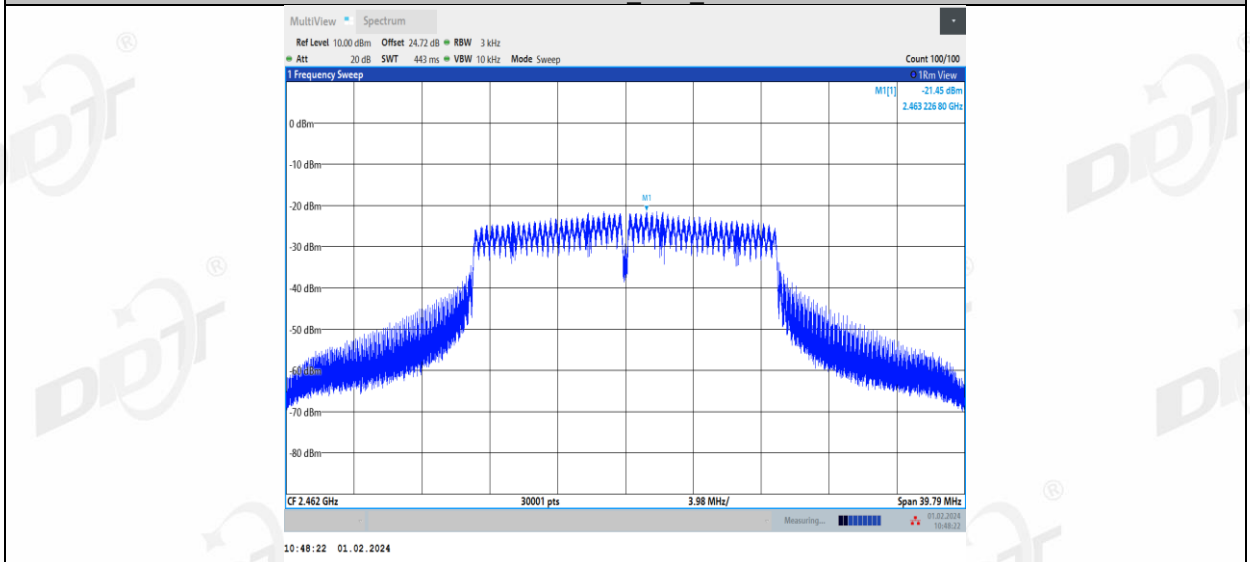
11N20MIMO_Ant1_2437



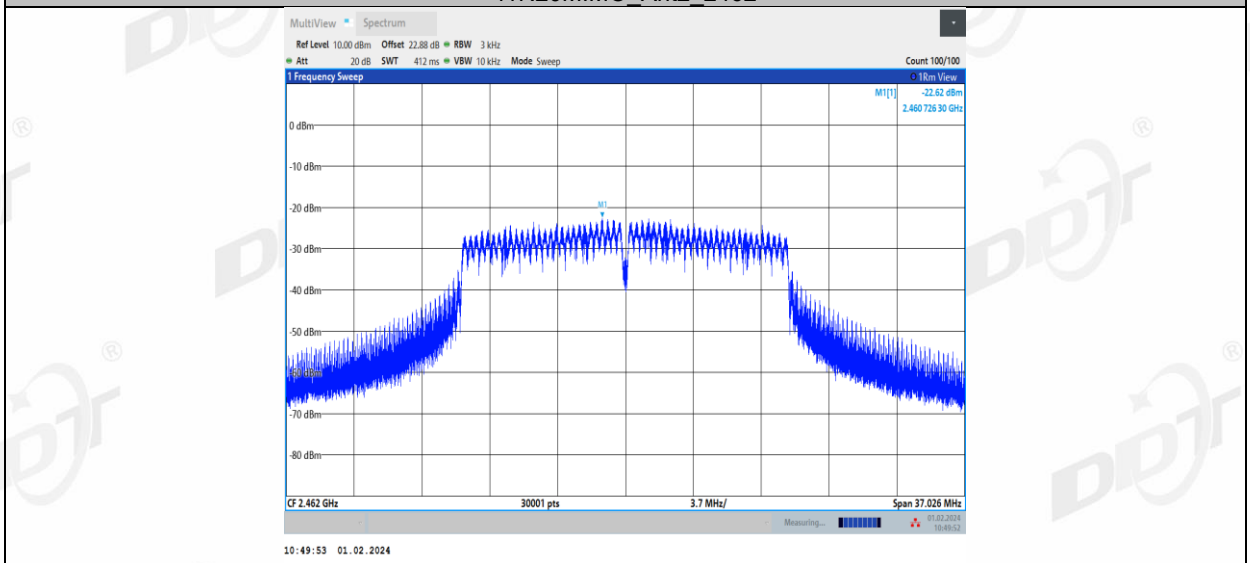
11N20MIMO_Ant2_2437



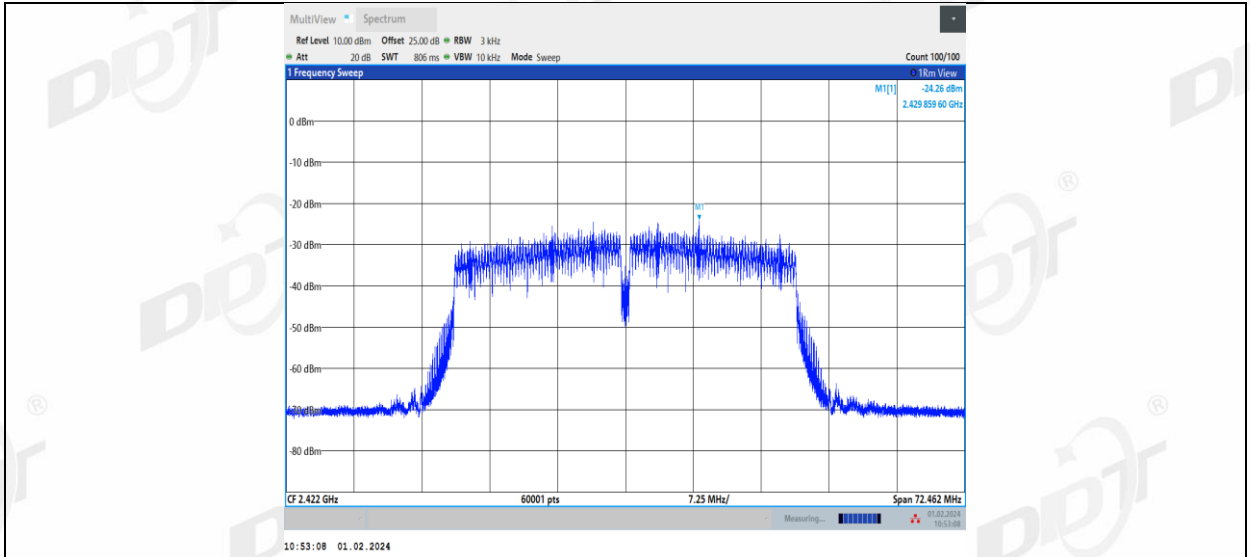
11N20MIMO_Ant1_2462



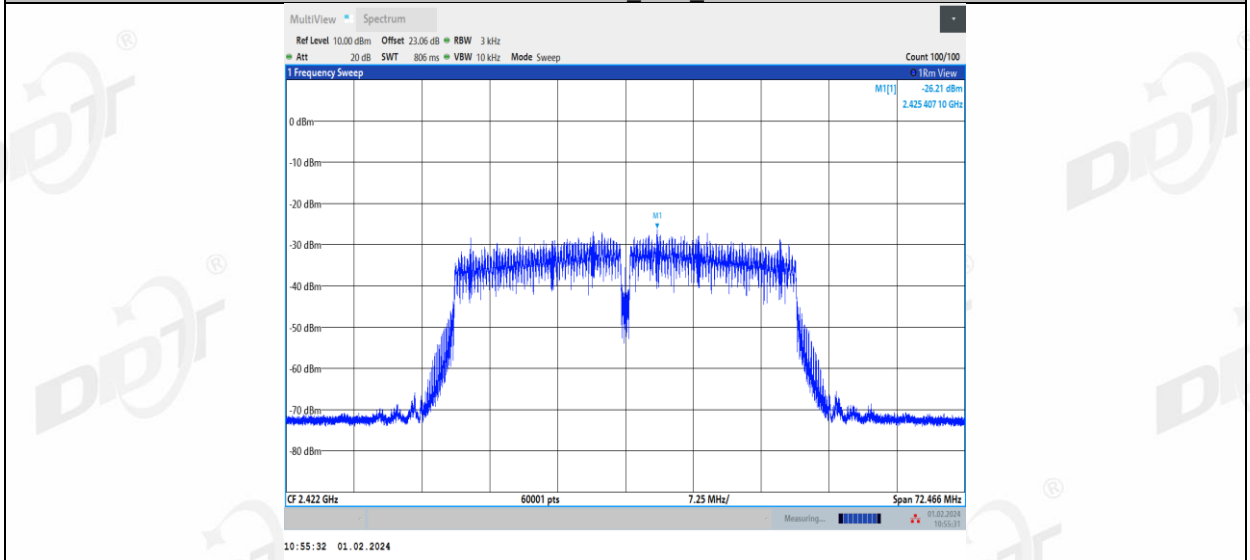
11N20MIMO_Ant2_2462



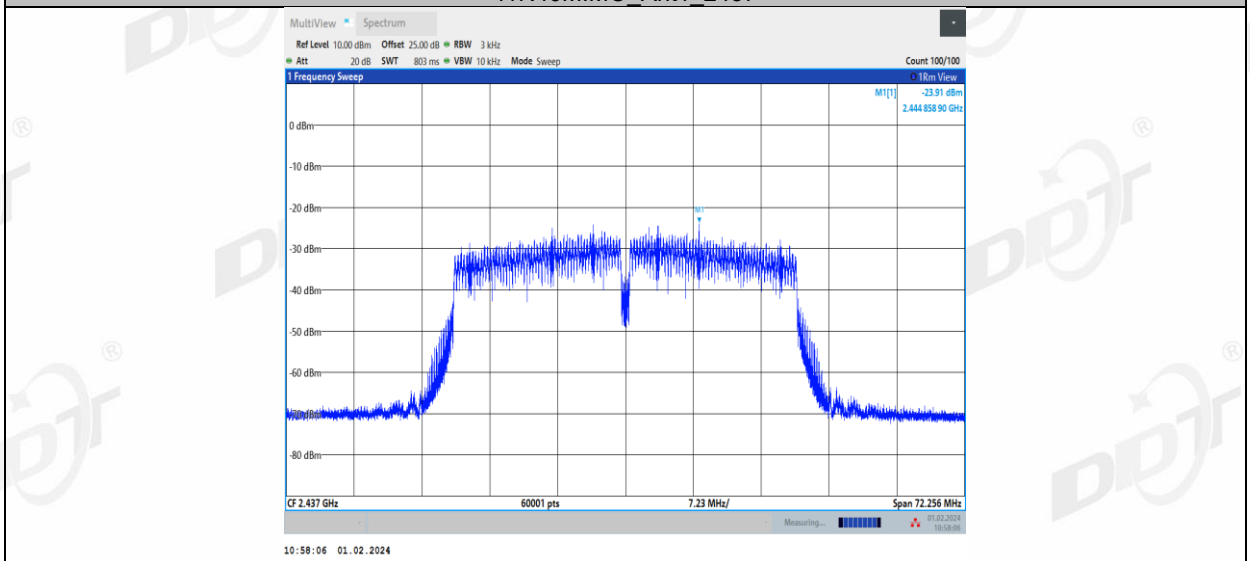
11N40MIMO_Ant1_2422



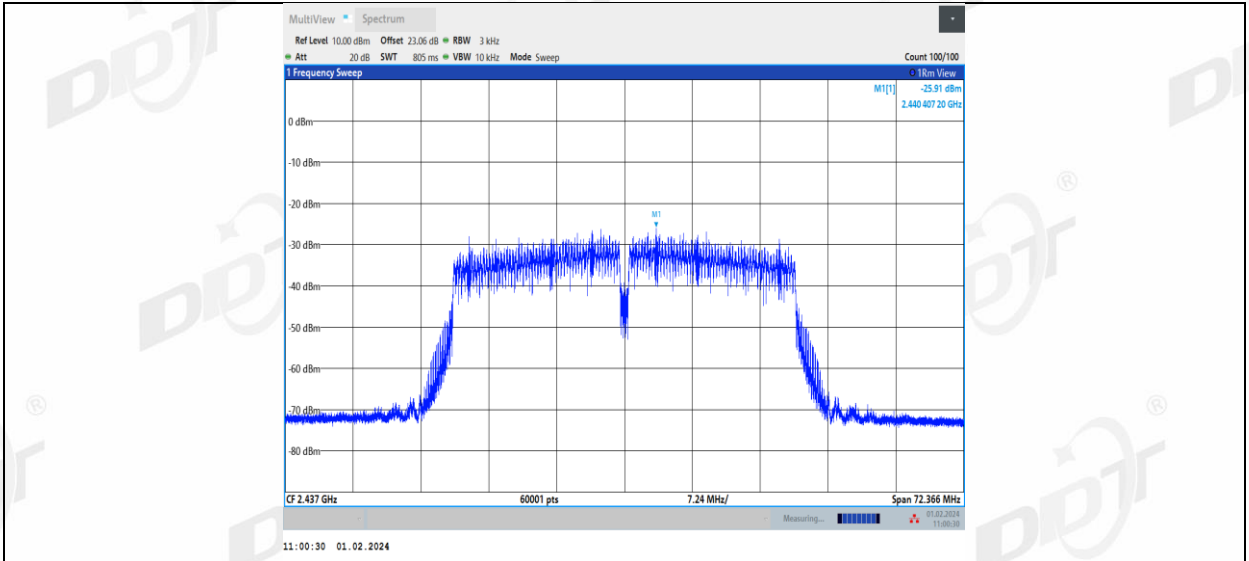
11N40MIMO_Ant2_2422



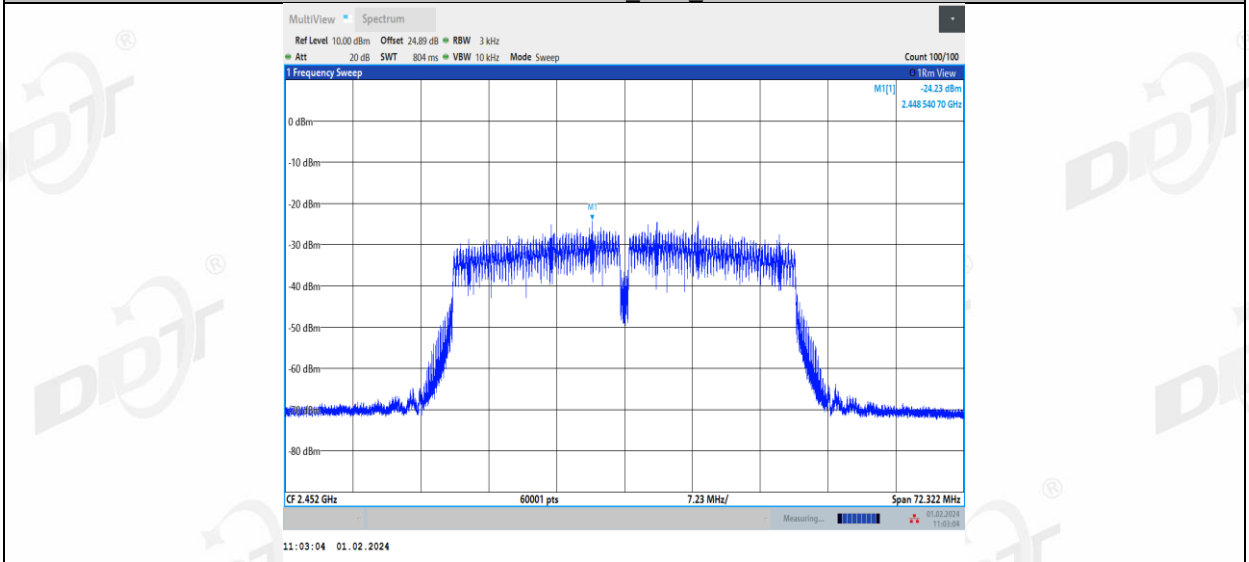
11N40MIMO_Ant1_2437



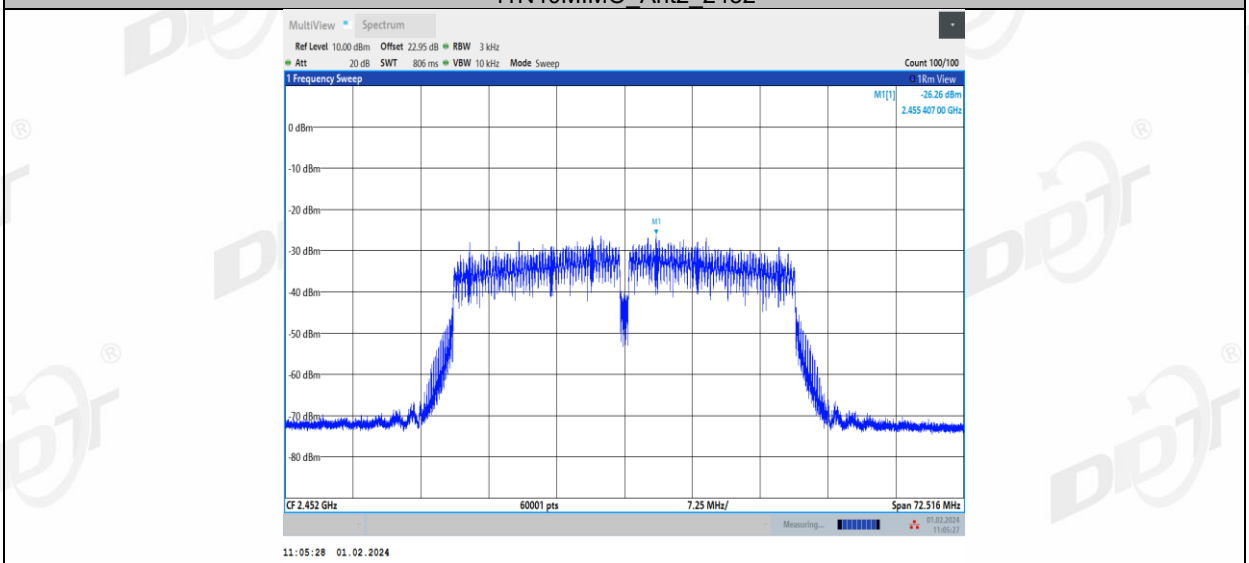
11N40MIMO_Ant2_2437



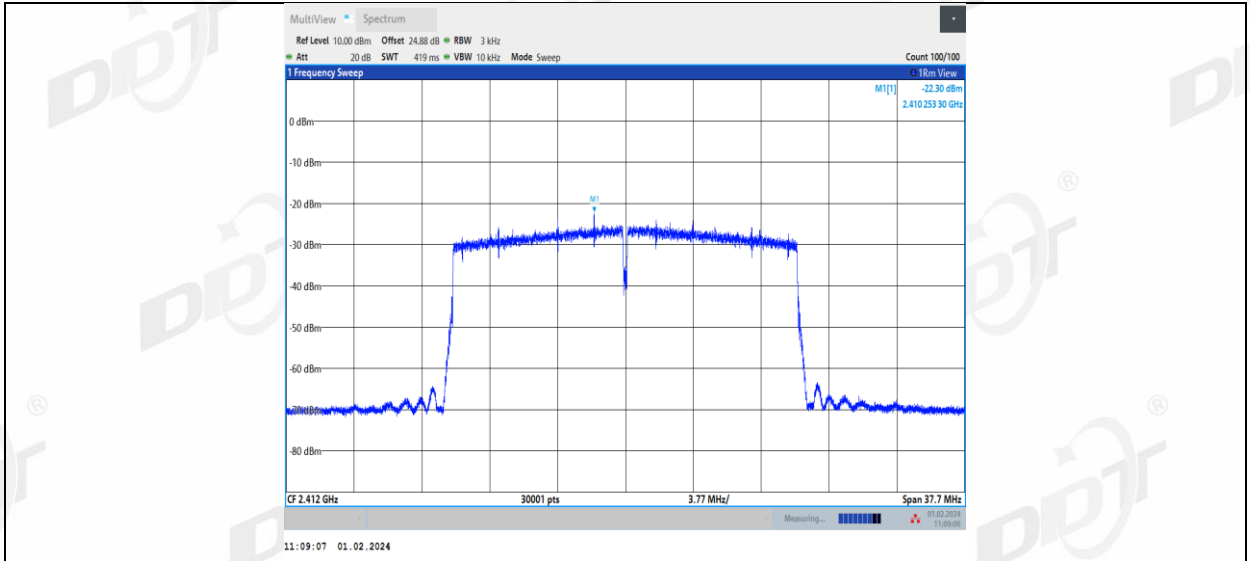
11N40MIMO_Ant1_2452



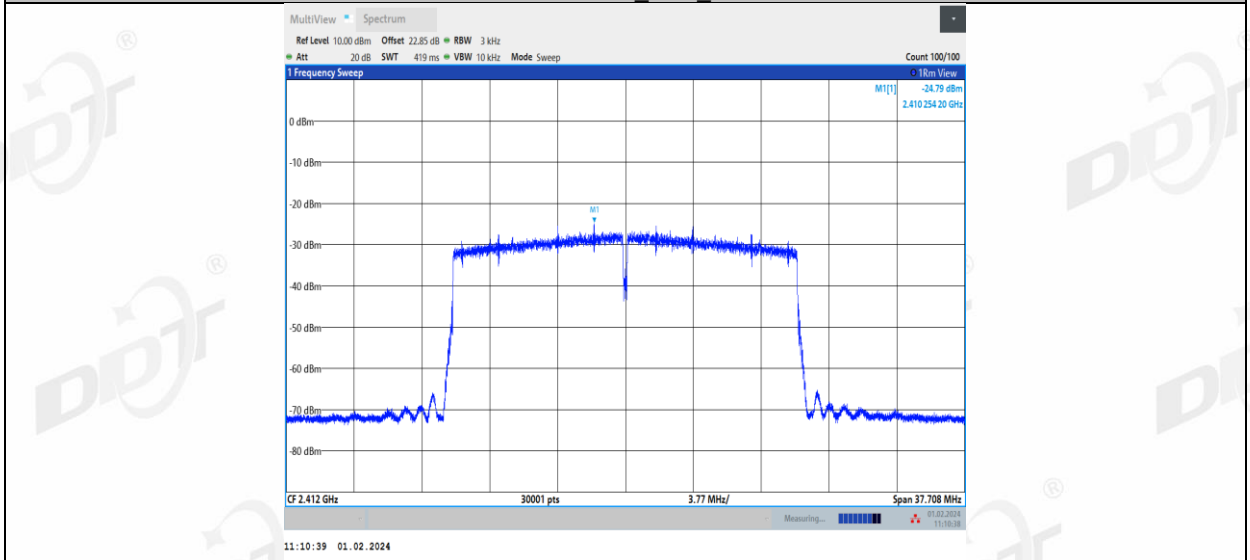
11N40MIMO_Ant2_2452



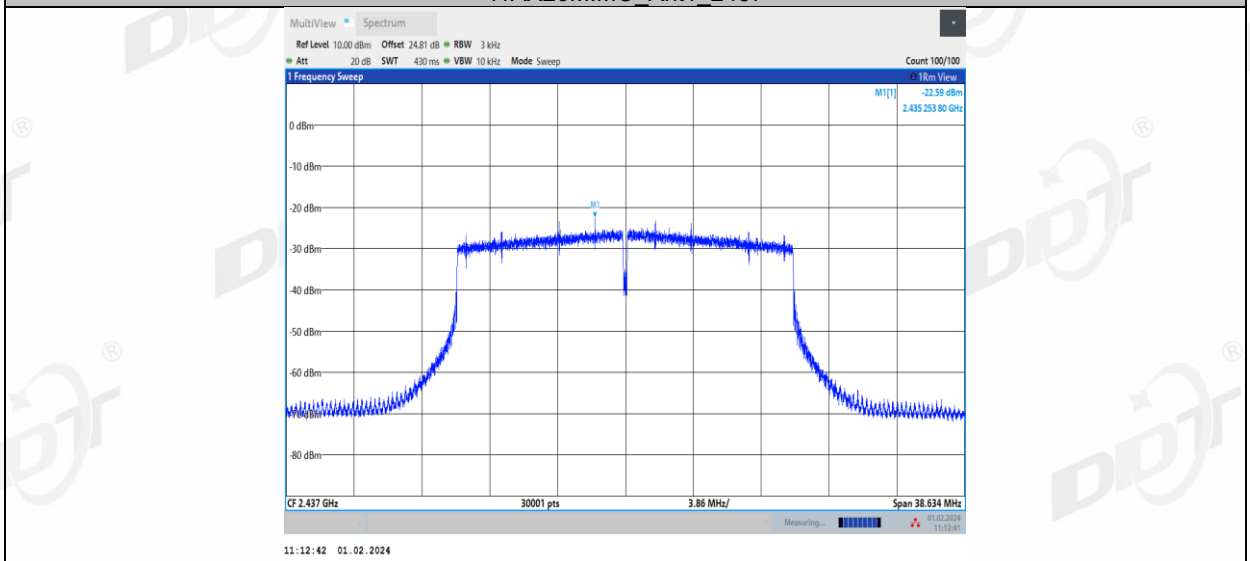
11AX20MIMO_Ant1_2412



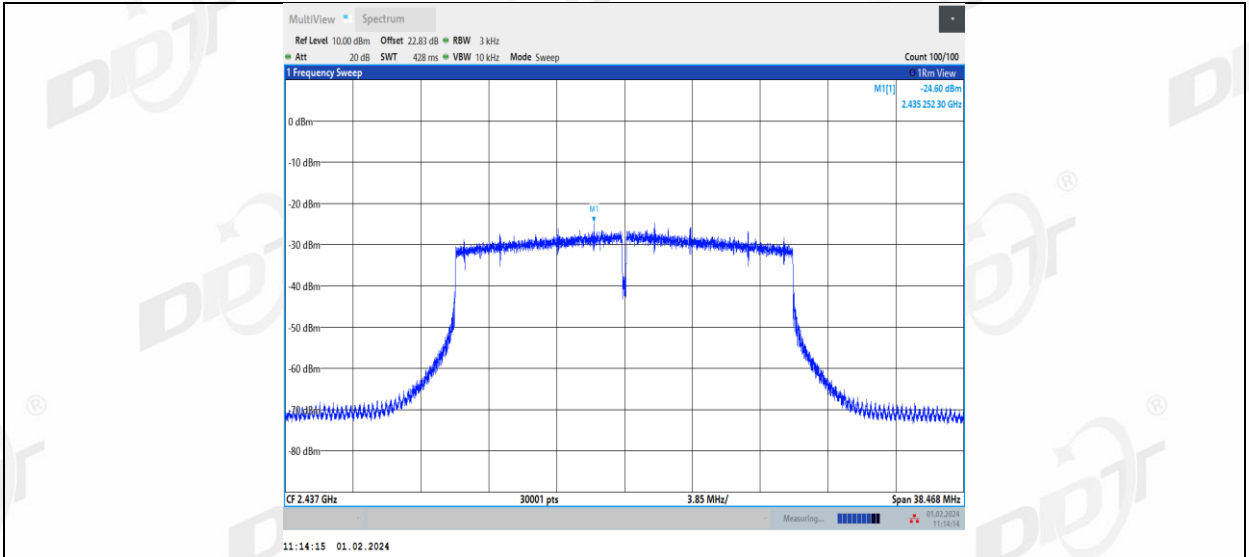
11AX20MIMO_Ant2_2412



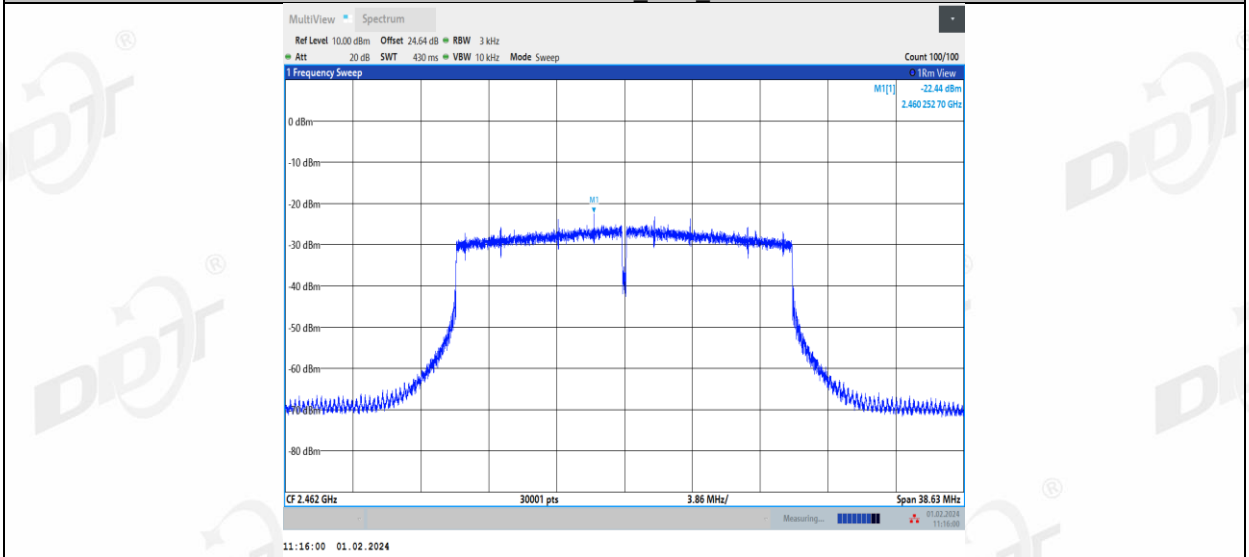
11AX20MIMO_Ant1_2437



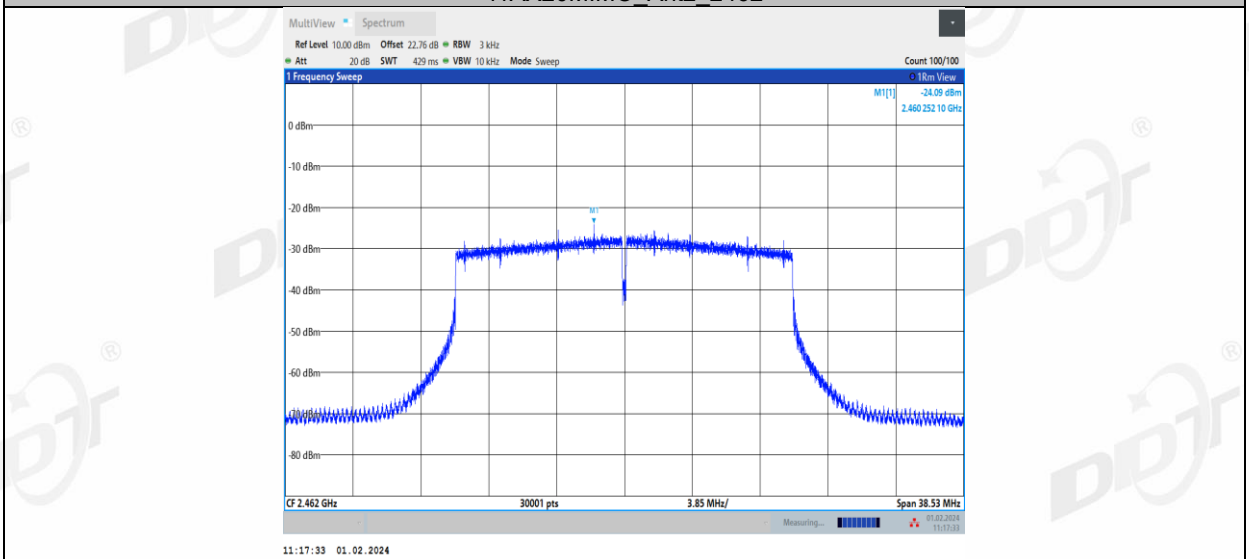
11AX20MIMO_Ant2_2437



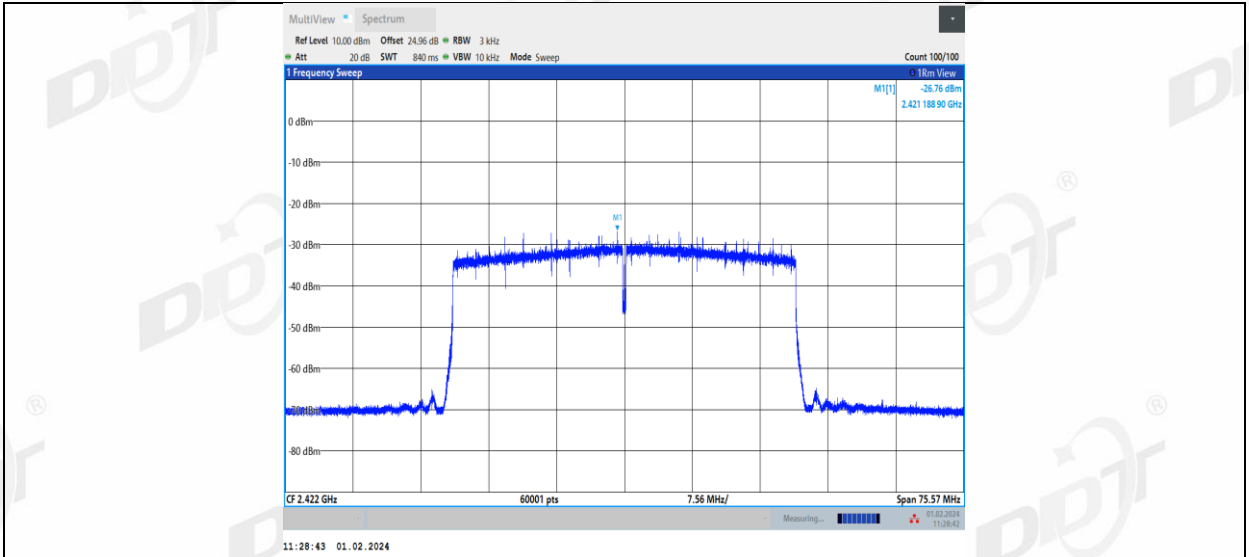
11AX20MIMO_Ant1_2462



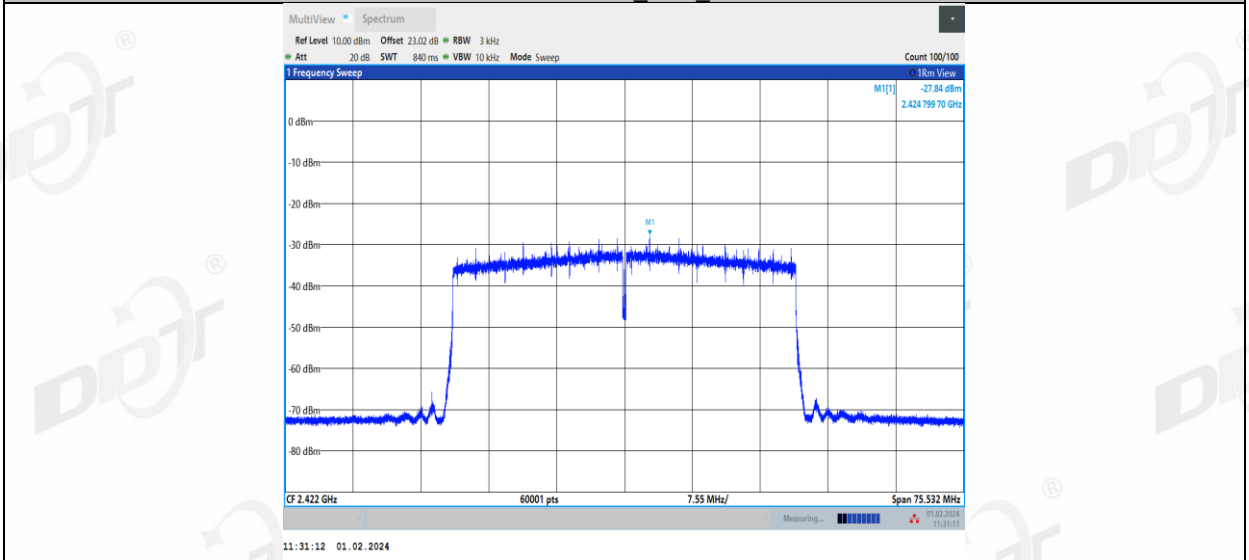
11AX20MIMO_Ant2_2462



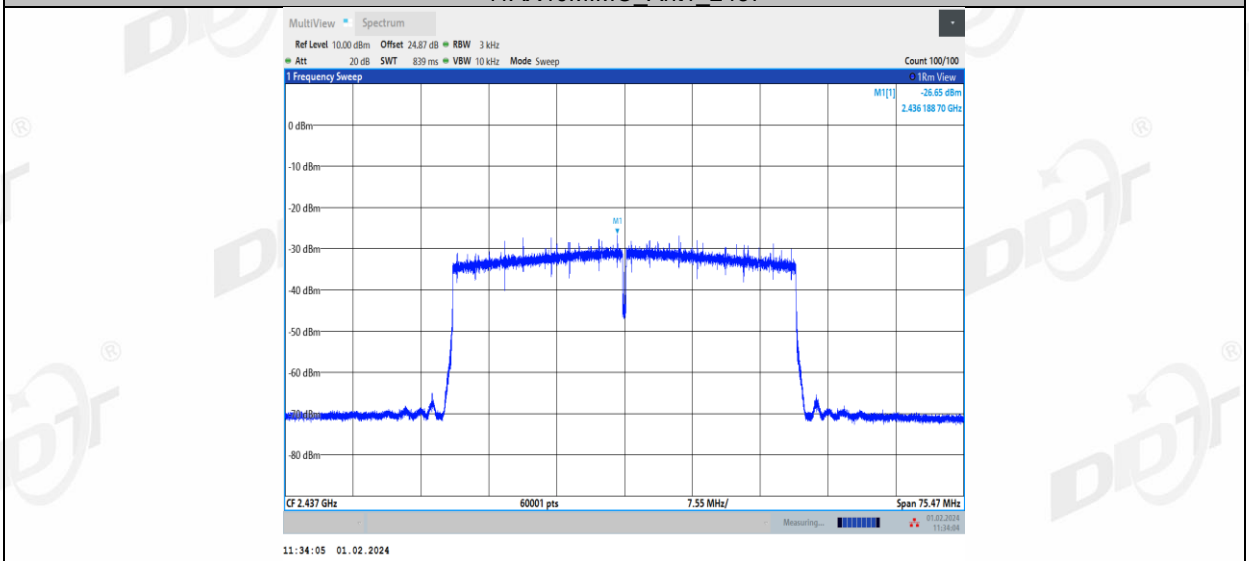
11AX40MIMO_Ant1_2422



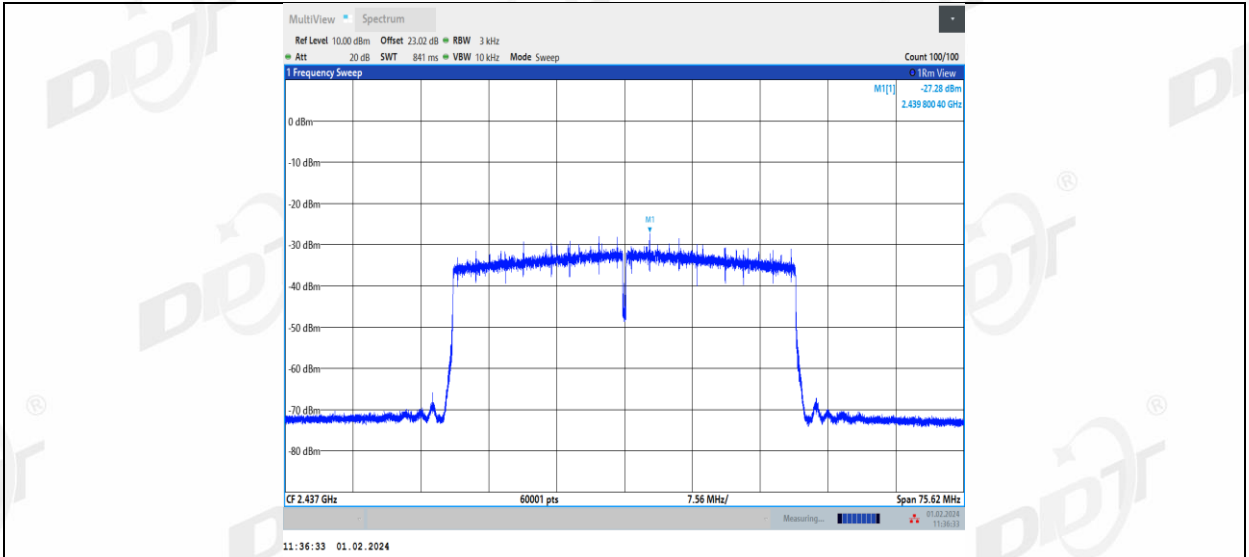
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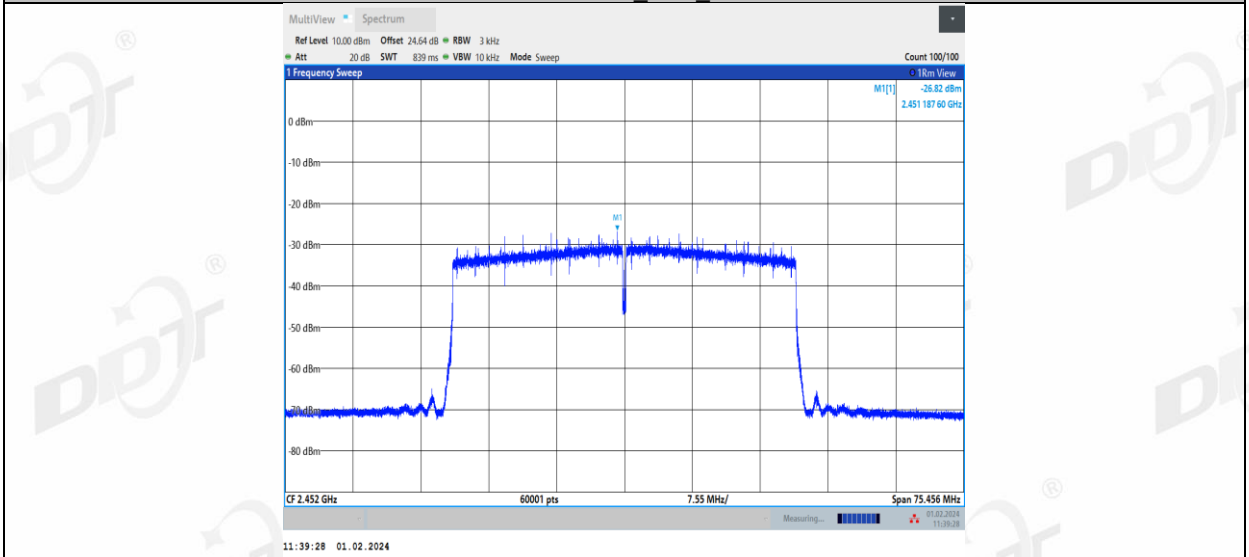
11AX40MIMO_Ant1_2437



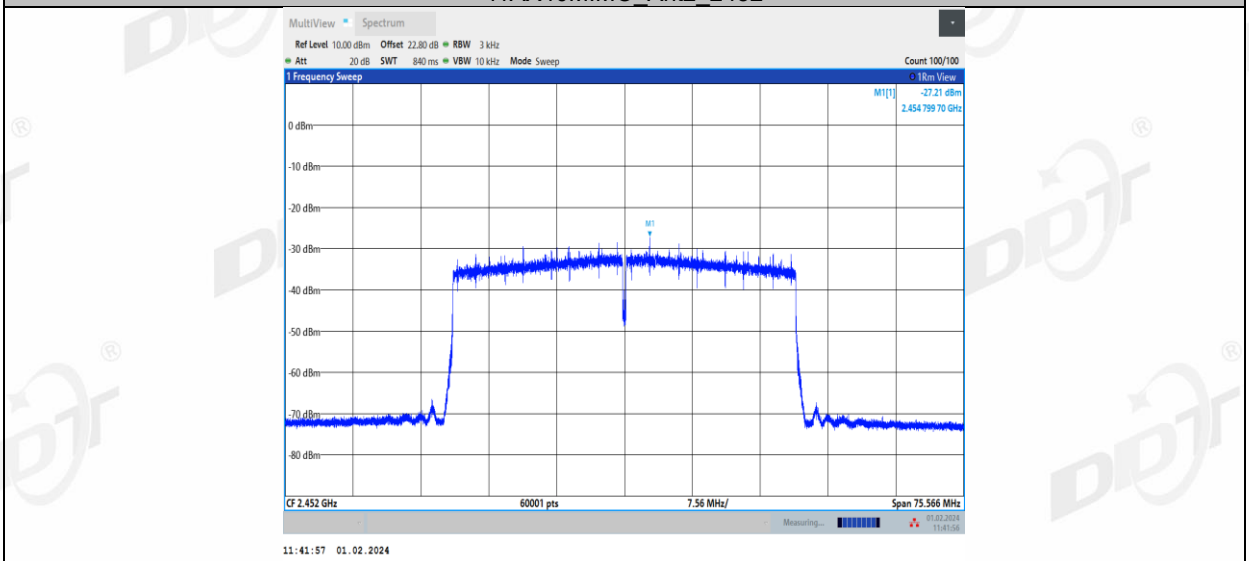
11AX40MIMO_Ant2_2437

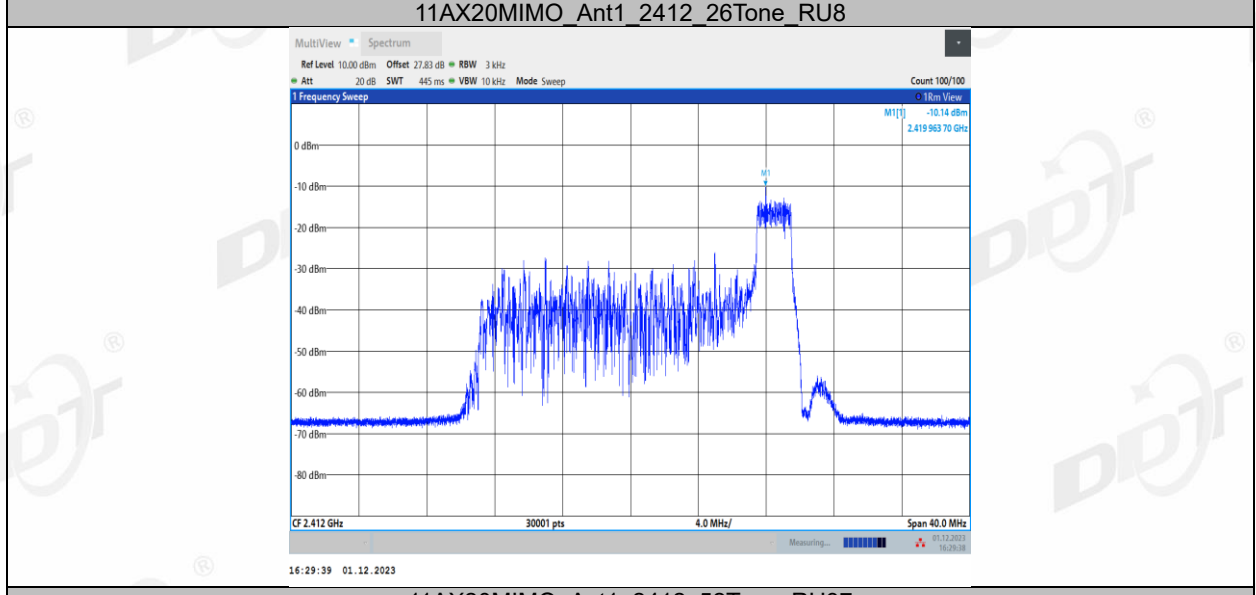
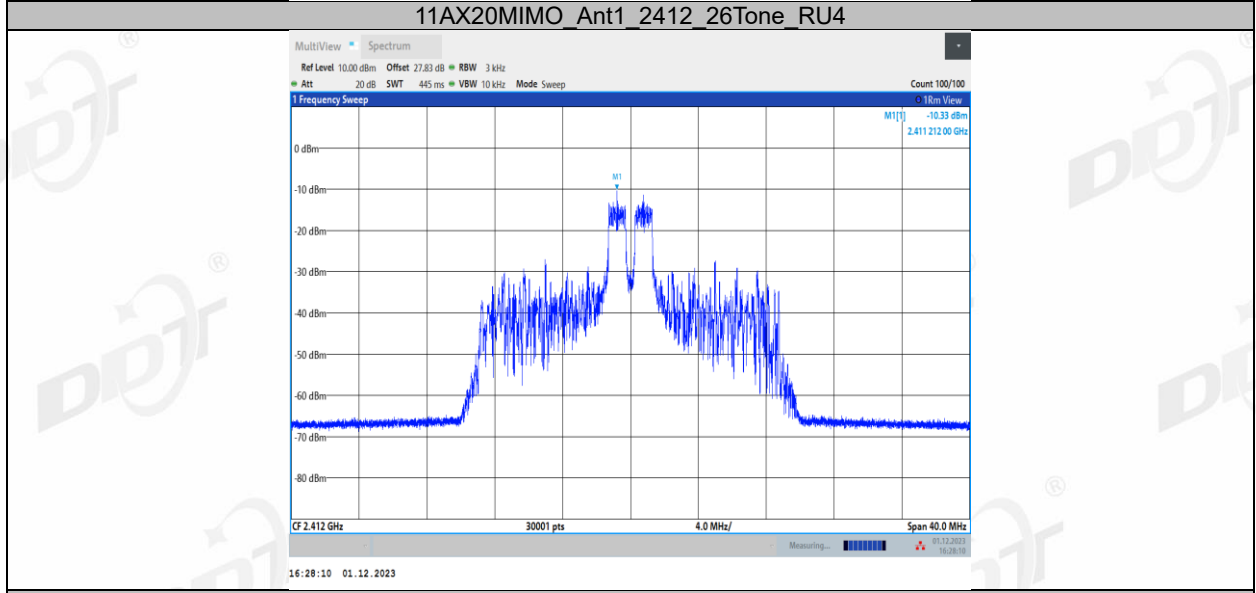
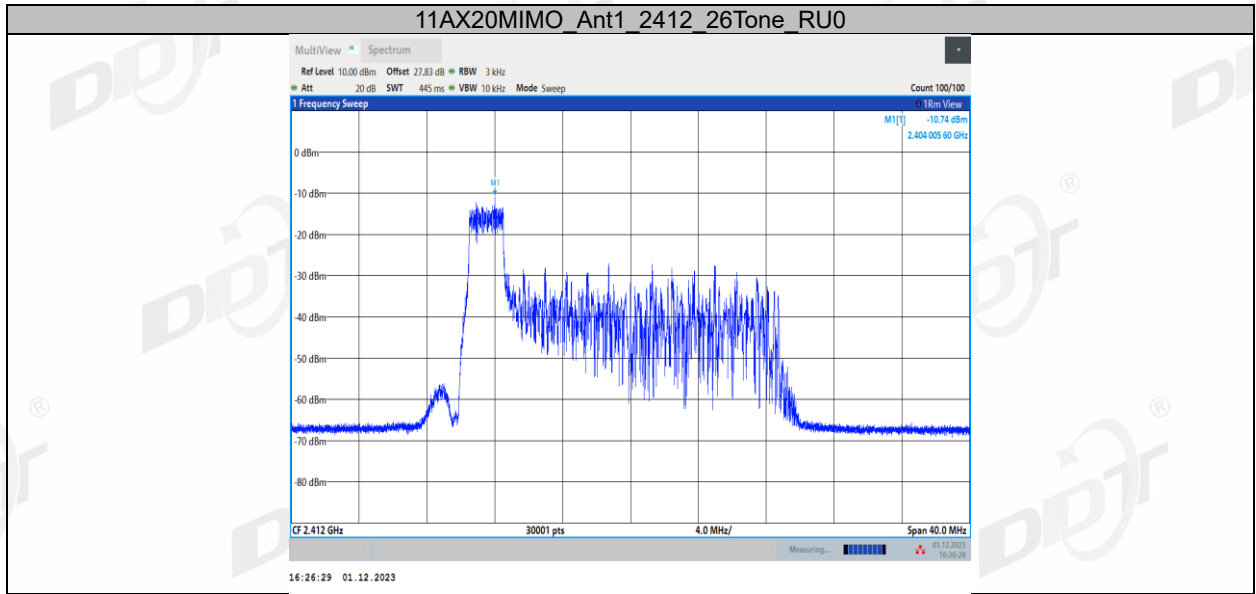


11AX40MIMO_Ant1_2452

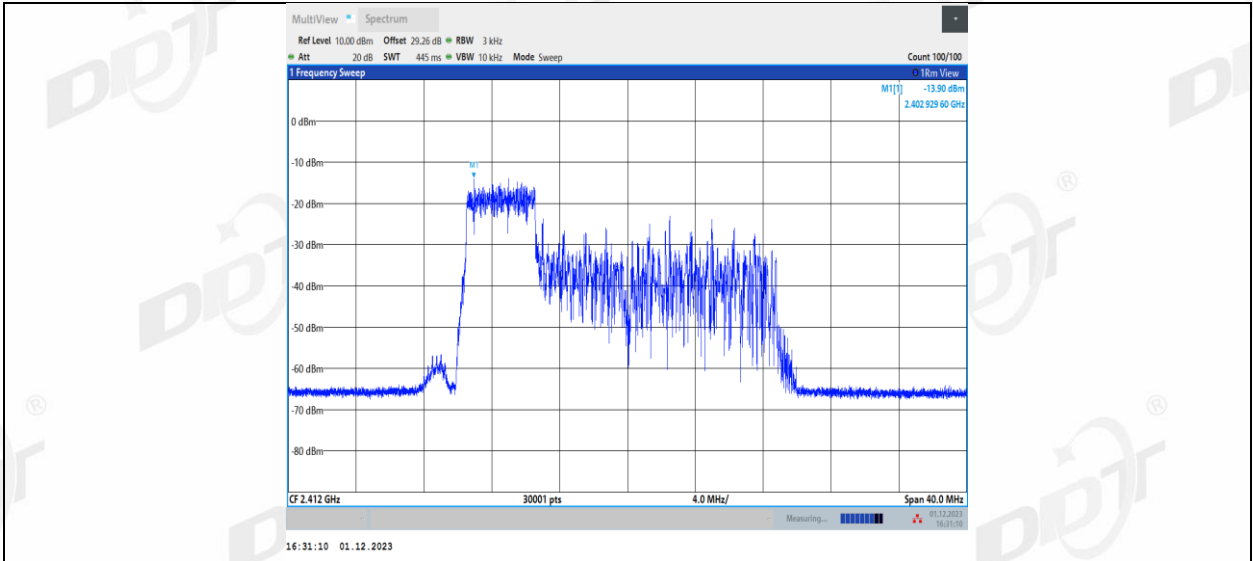


11AX40MIMO_Ant2_2452

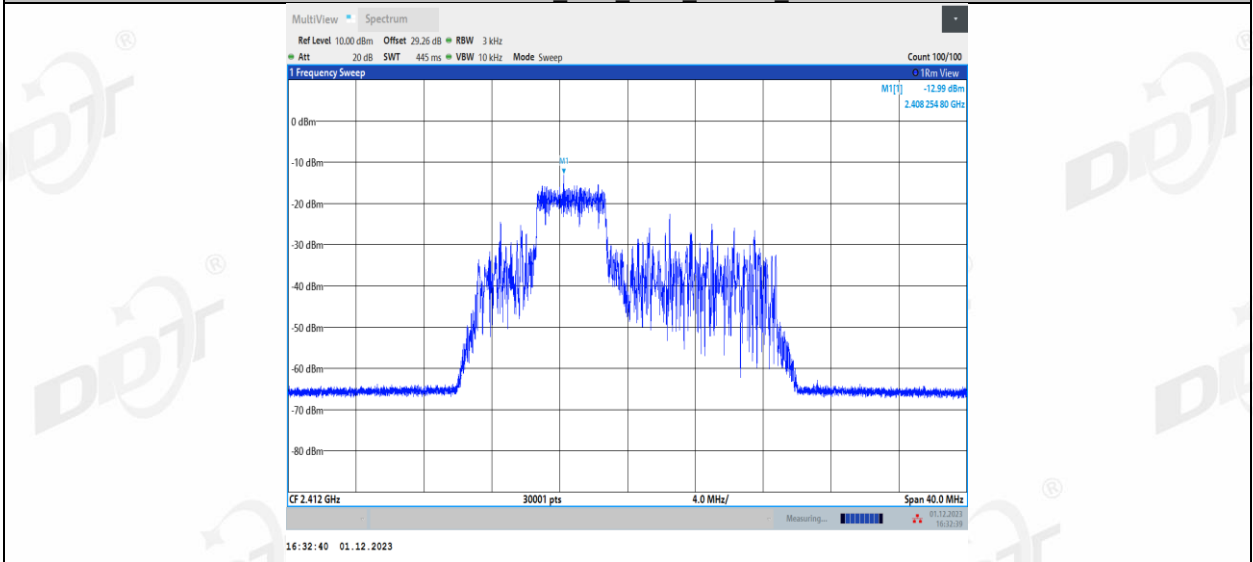




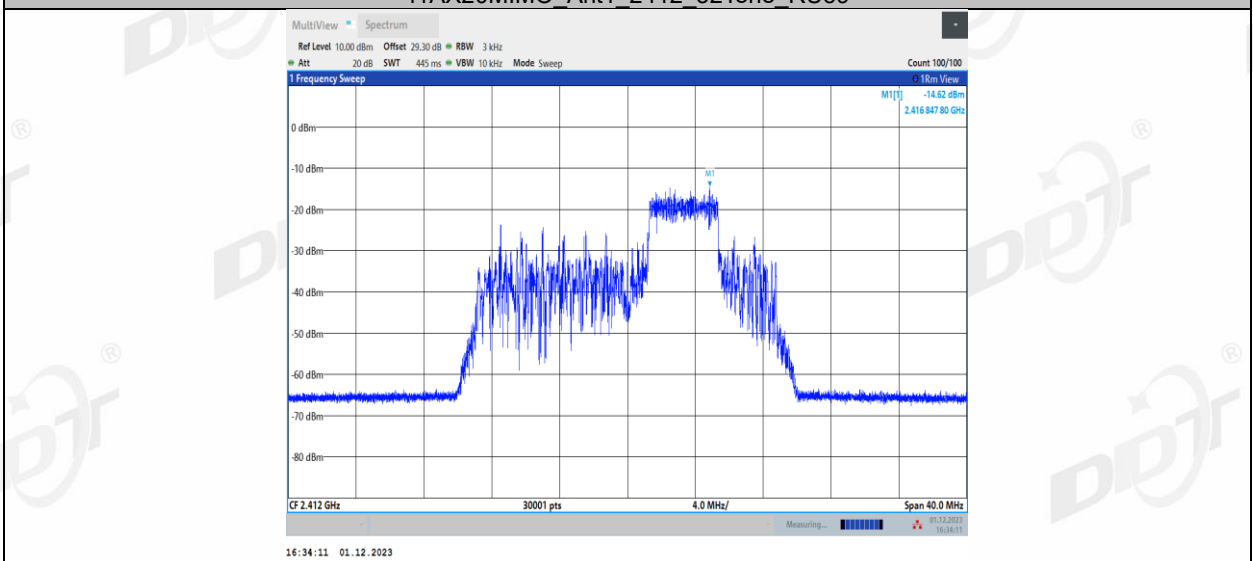
11AX20MIMO_Ant1_2412_52Tone_RU37



11AX20MIMO Ant1_2412_52Tone_RU38



11AX20MIMO Ant1_2412_52Tone_RU39



11AX20MIMO Ant1_2412_52Tone_RU40

