

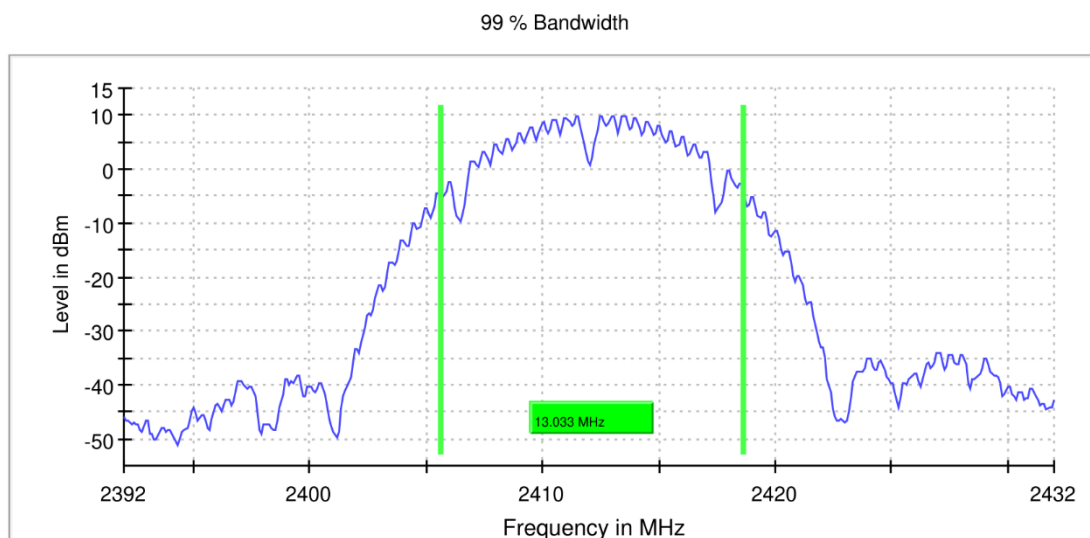
**OBW BANDWIDTH****TEST RESULT**

TestMode	Antenna	Frequency [MHz]	OBW BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant4	2412	13.033	2405.634	2418.667	---	PASS
	Ant4	2437	13.033	2430.434	2443.466	---	PASS
	Ant4	2462	13.133	2455.333	2468.466	---	PASS
11G	Ant4	2412	16.842	2403.729	2420.571	---	PASS
	Ant4	2437	16.642	2428.629	2445.271	---	PASS
	Ant4	2462	16.642	2453.629	2470.271	---	PASS
11N20	Ant4	2412	17.744	2403.228	2420.972	---	PASS
	Ant4	2437	17.744	2428.128	2445.872	---	PASS
	Ant4	2462	17.644	2453.128	2470.772	---	PASS
11N40	Ant4	2422	36.364	2404.069	2440.433	---	PASS
	Ant4	2437	36.364	2418.818	2455.182	---	PASS
	Ant4	2452	36.614	2433.567	2470.182	---	PASS

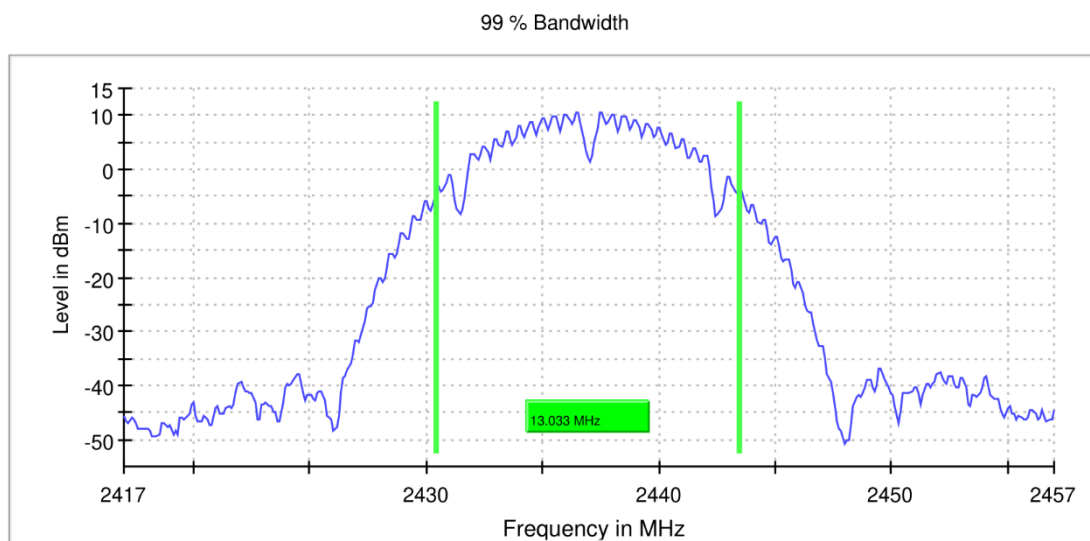


TEST GRAPHS

11B_Ant0_2412



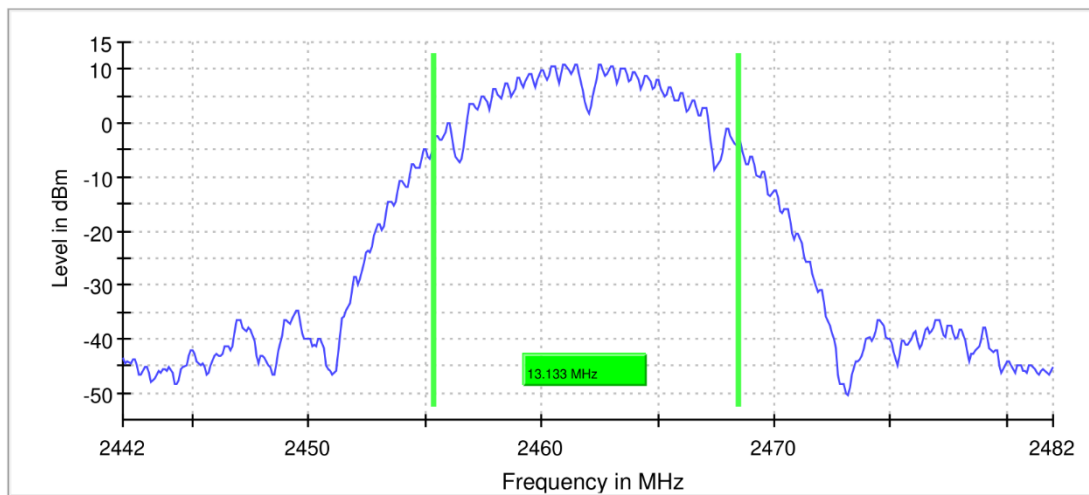
11B_Ant0_2437



11B_Ant0_2462



99 % Bandwidth



11G_Ant0_2412

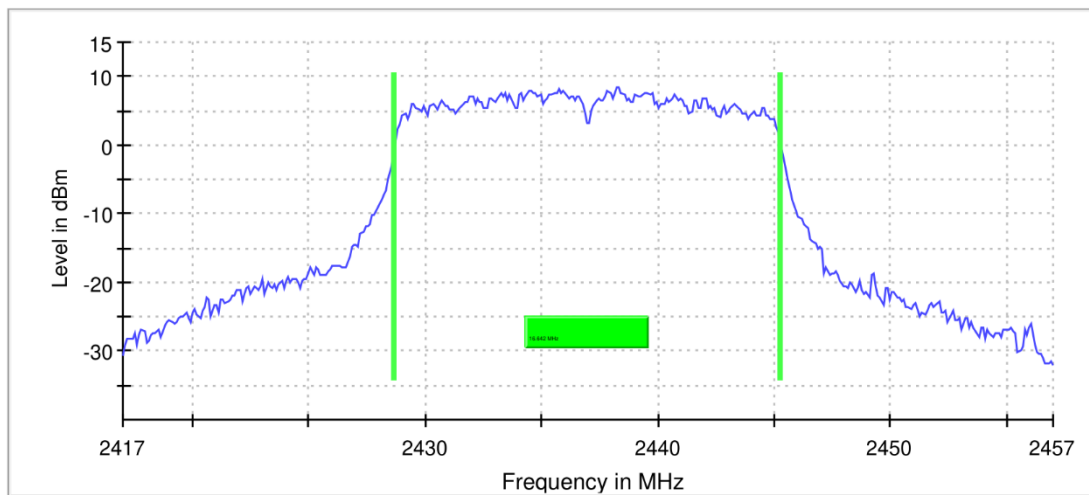
99 % Bandwidth



11G_Ant0_2437

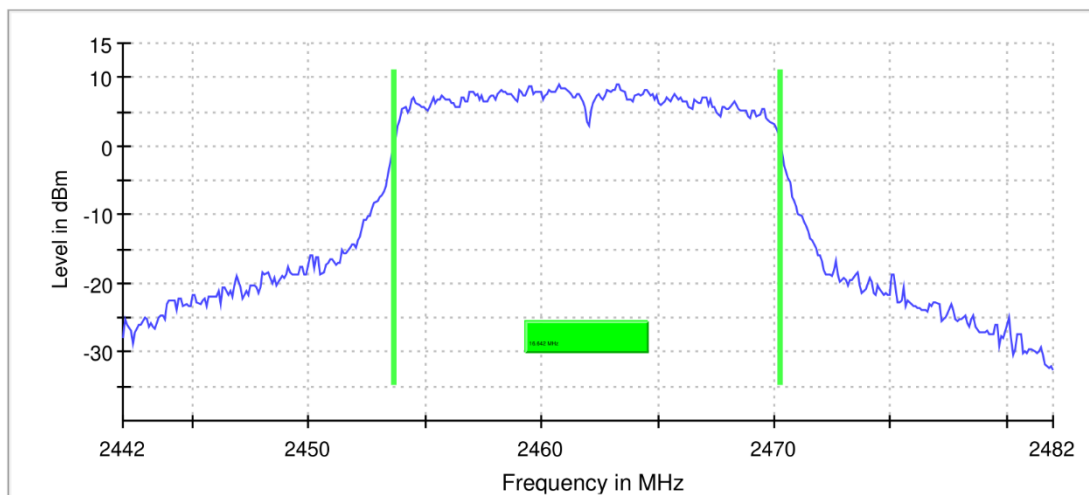


99 % Bandwidth



11G_Ant0_2462

99 % Bandwidth



11N20_Ant0_2412

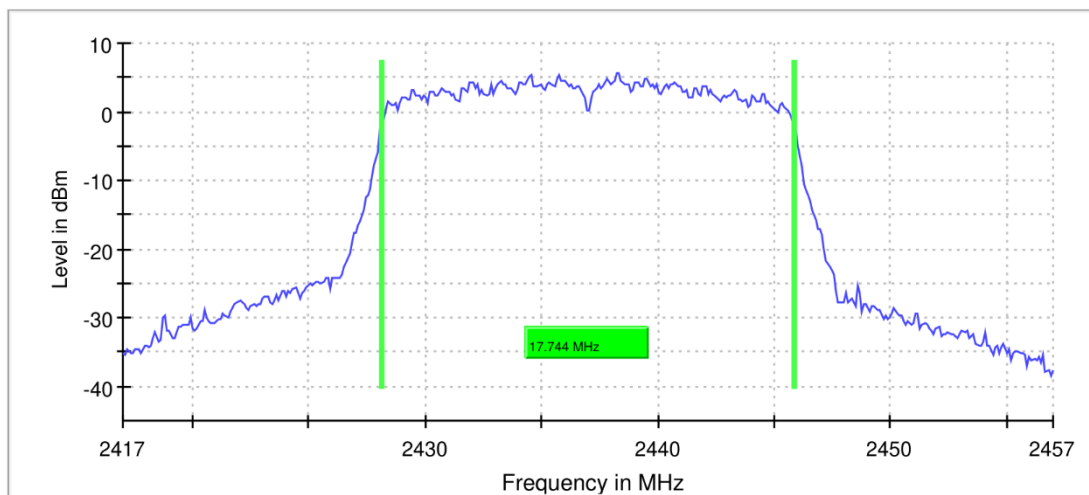


99 % Bandwidth



11N20_Ant0_2437

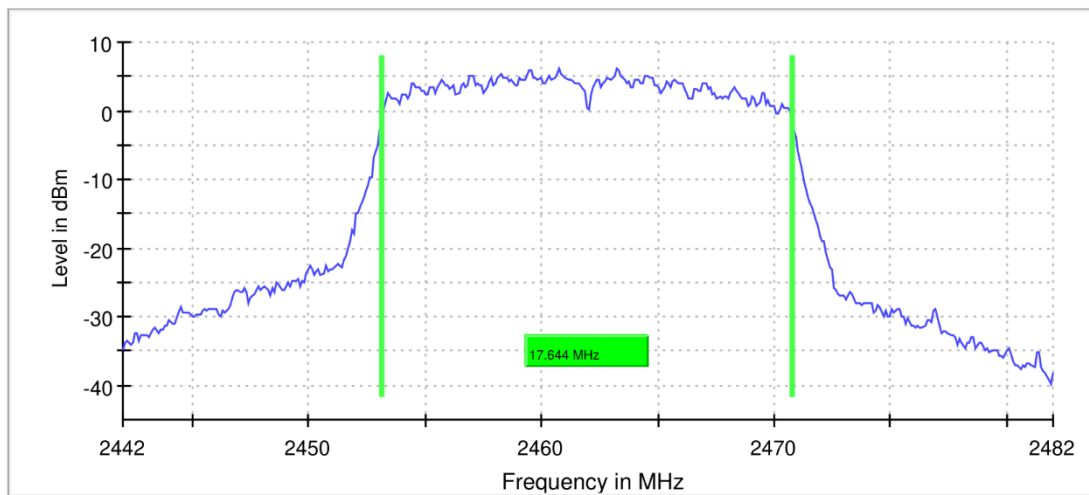
99 % Bandwidth



11N20_Ant0_2462

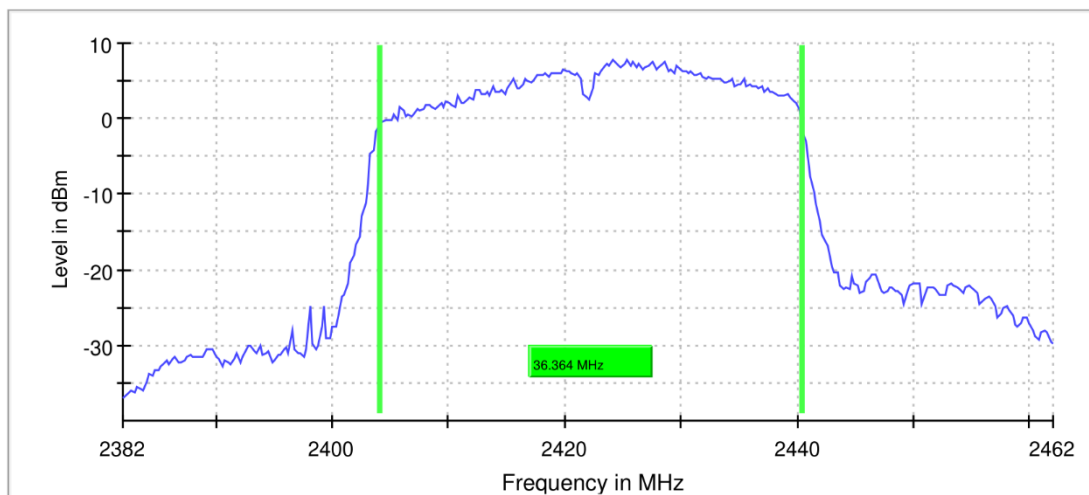


99 % Bandwidth



11N40_Ant0_2422

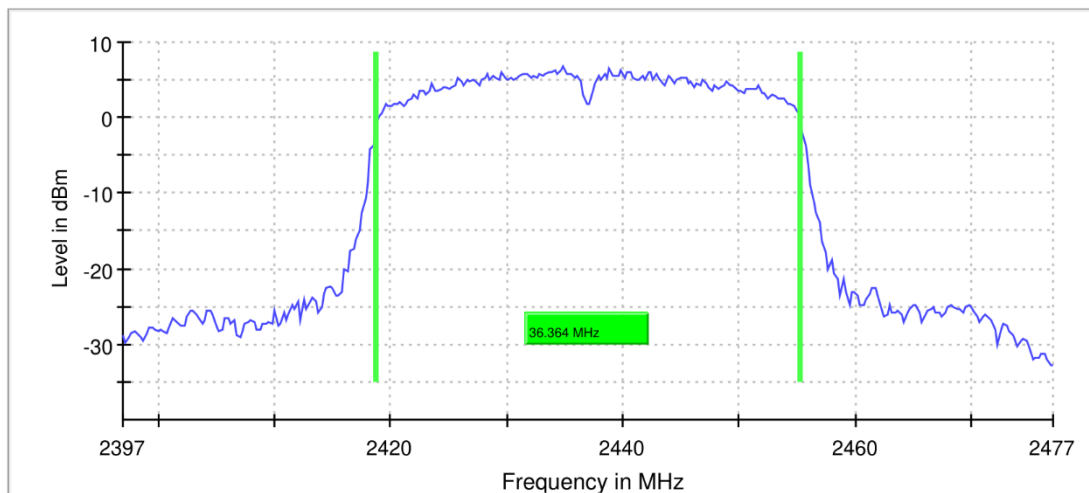
99 % Bandwidth



11N40_Ant0_2437

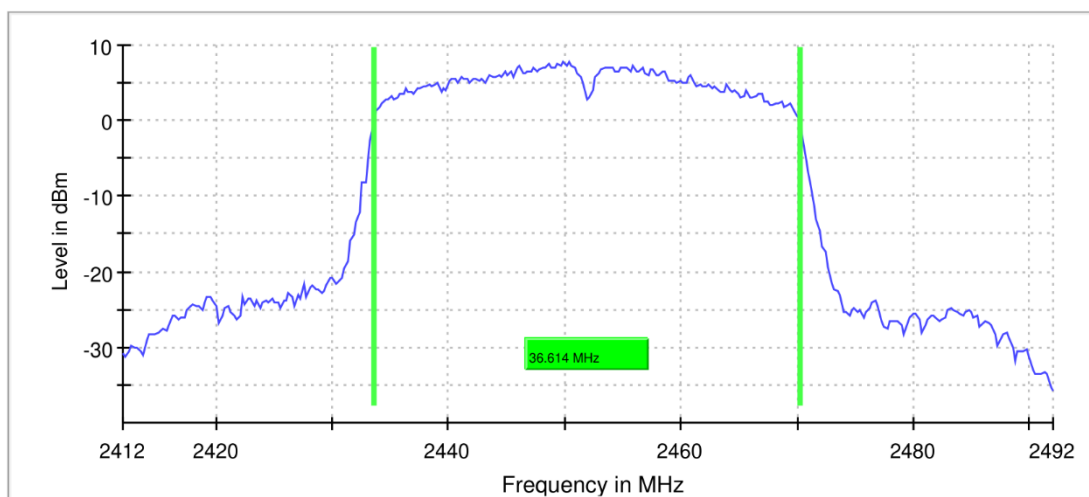


99 % Bandwidth



11N40_Ant0_2452

99 % Bandwidth



20M

RBW 200.000 kHz

VBW 1.000 MHz

40M

RBW 500.000 kHz

VBW 2.000 MHz

**MAXIMUM CONDUCTED OUTPUT POWER****TEST RESULT**

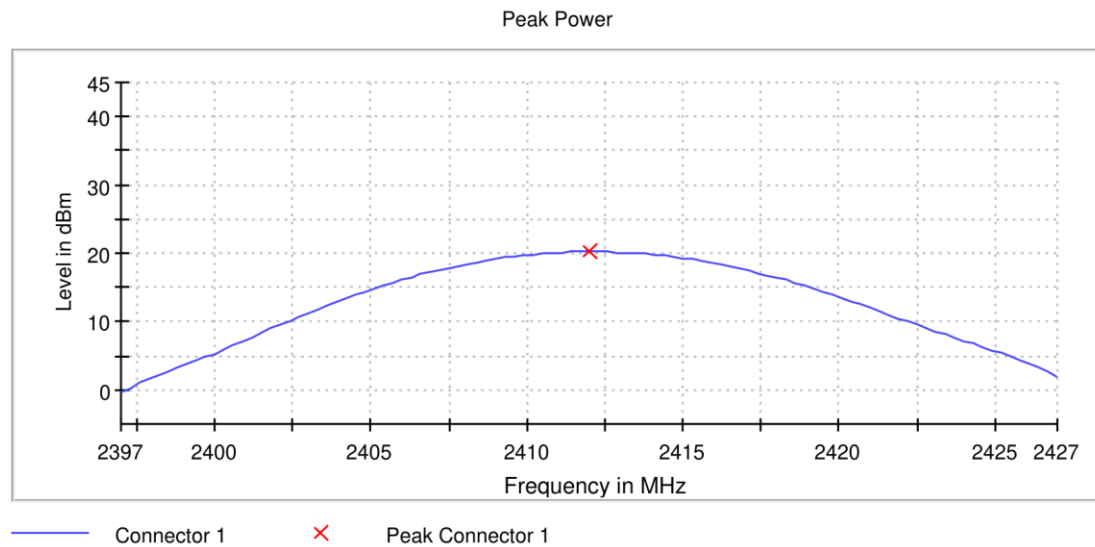
TestMode	TX Mod.	Frequency [MHz]	Peak power [dBm]	MAX Peak power [mw]	Limit [dBm]	Verdict	Power Setting
			Ant1				
11B	SISO	2412	20.17	104.09	≤30.00	PASS	18.5
		2437	20.76	119.23	≤30.00	PASS	18.5
		2462	21.15	130.29	≤30.00	PASS	18.5
11g	SISO	2412	24.7	295.19	≤30.00	PASS	18
		2437	25.37	344.27	≤30.00	PASS	18
		2462	25.35	342.93	≤30.00	PASS	18
11N20	SISO	2412	23.51	224.49	≤30.00	PASS	15
		2437	23.55	226.62	≤30.00	PASS	15
		2462	23.97	249.57	≤30.00	PASS	15
11N40	SISO	2422	22.53	179.10	≤30.00	PASS	15
		2437	22.19	165.62	≤30.00	PASS	15
		2452	23.39	218.12	≤30.00	PASS	15

TestMode	TX Mod.	Freq. [MHz]	Avg.power [dBm]	Power Setting
			Ant1	
11B	SISO	2412	17.83	18.5
		2437	18.33	18.5
		2462	18.72	18.5
11g	SISO	2412	17.3	18
		2437	17.61	18
		2462	18.22	18
11N20	SISO	2412	14.43	15
		2437	14.73	15
		2462	15.2	15
11N40	SISO	2422	15.22	15
		2437	14.95	15
		2452	15.67	15

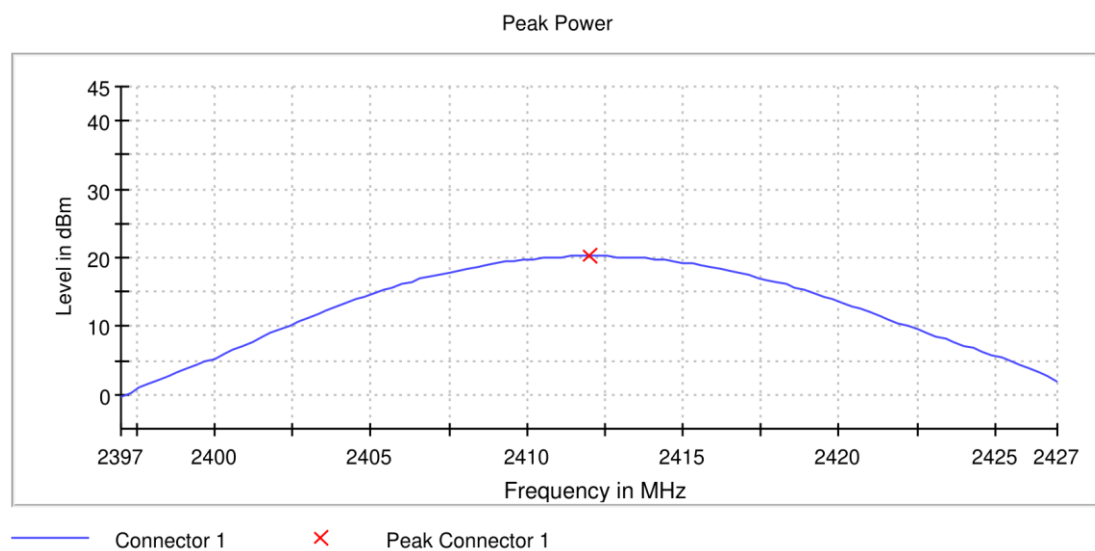


TEST GRAPHS

11B_Ant0_2412



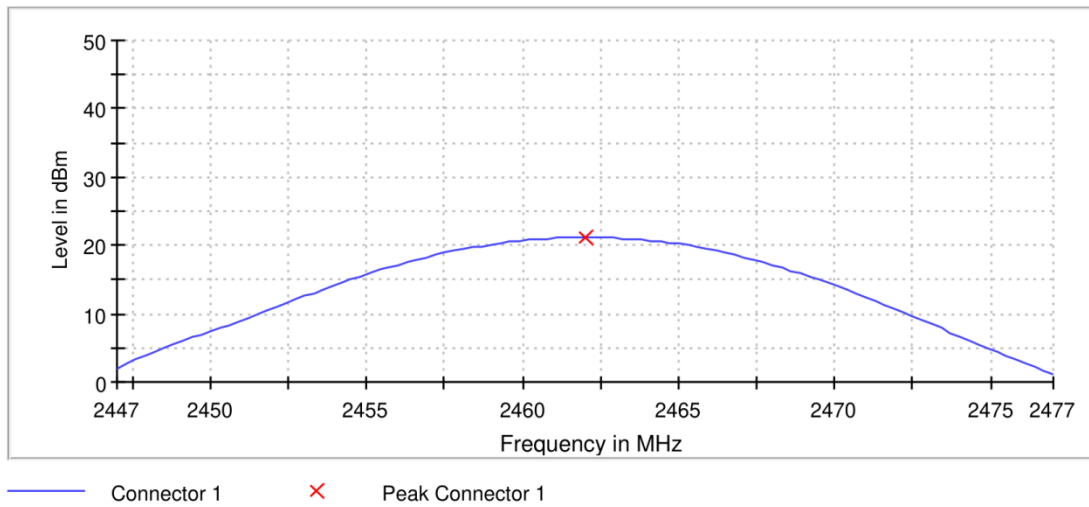
11B_Ant0_2437



11B_Ant0_2462

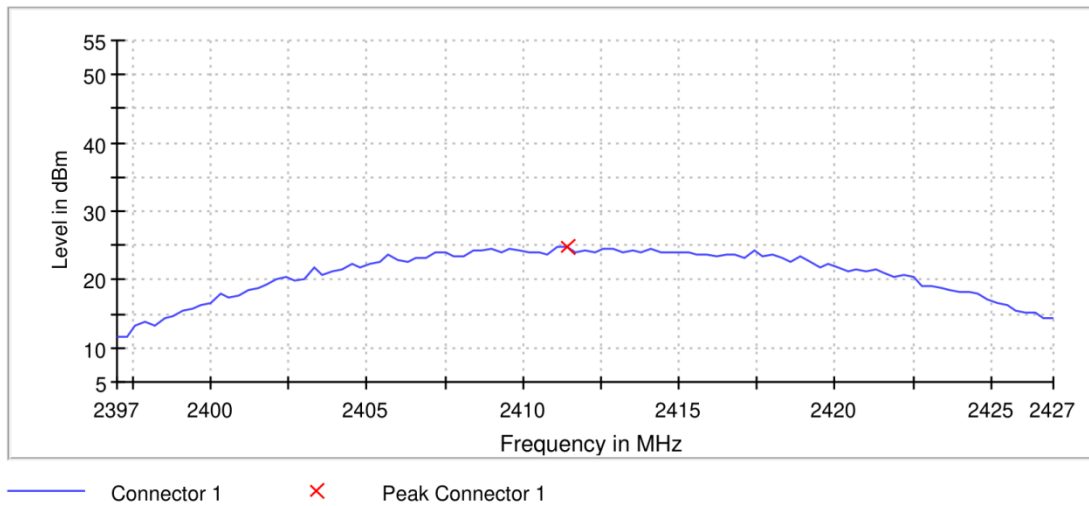


Peak Power



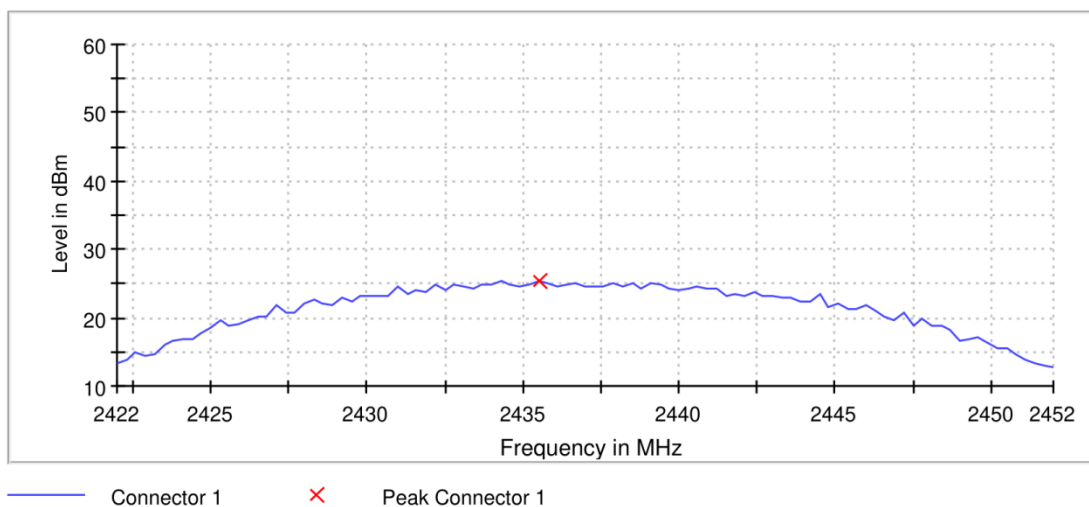
11G_Ant0_2412

Peak Power



11G_Ant0_2437

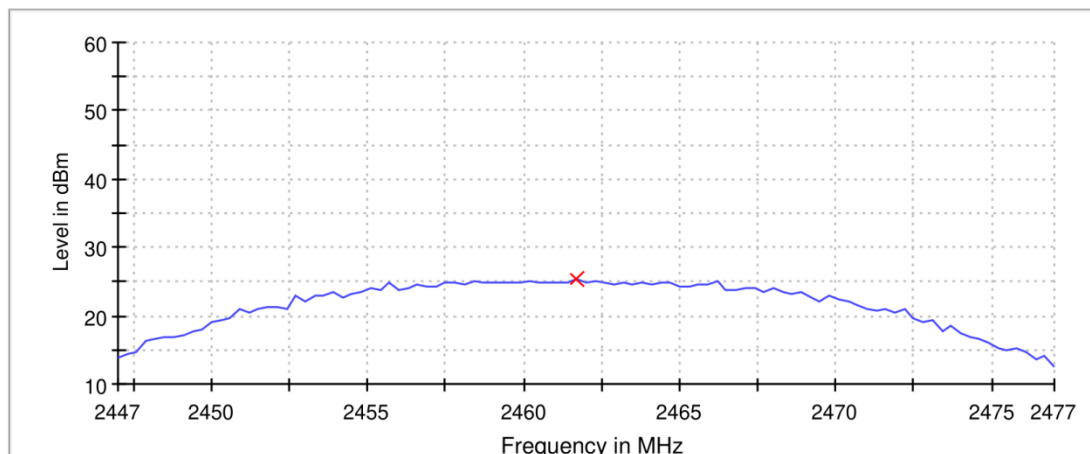
Peak Power





11G_Ant0_2462

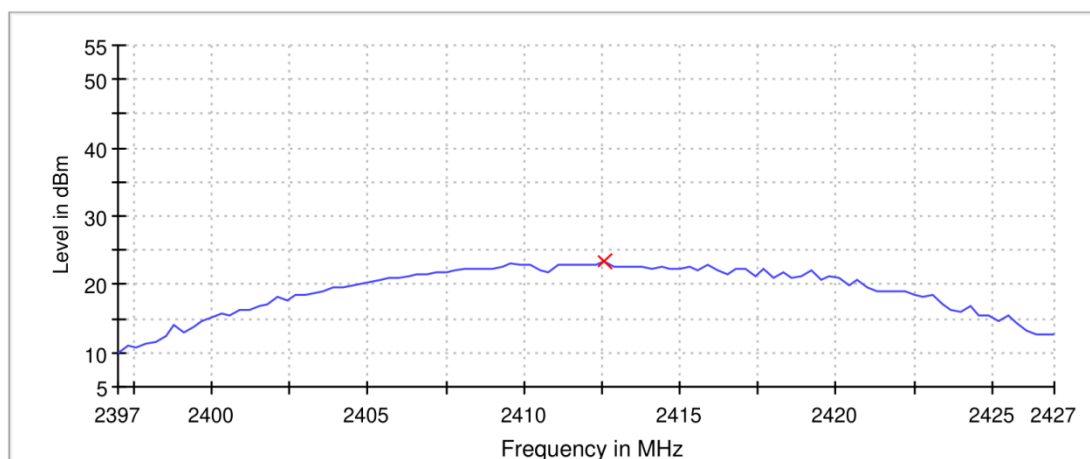
Peak Power



— Connector 1 × Peak Connector 1

11N20_Ant0_2412

Peak Power

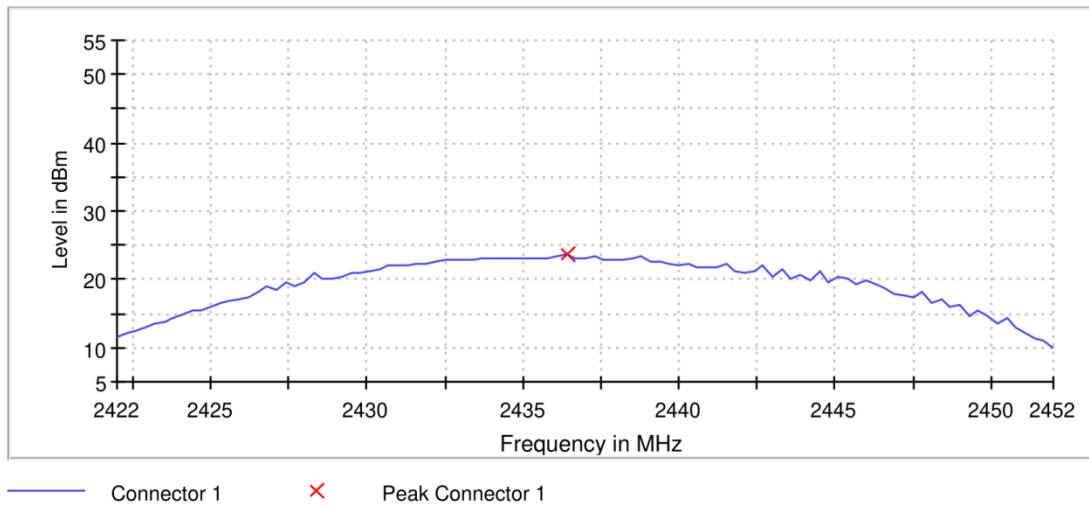


— Connector 1 × Peak Connector 1

11N20_Ant0_2437

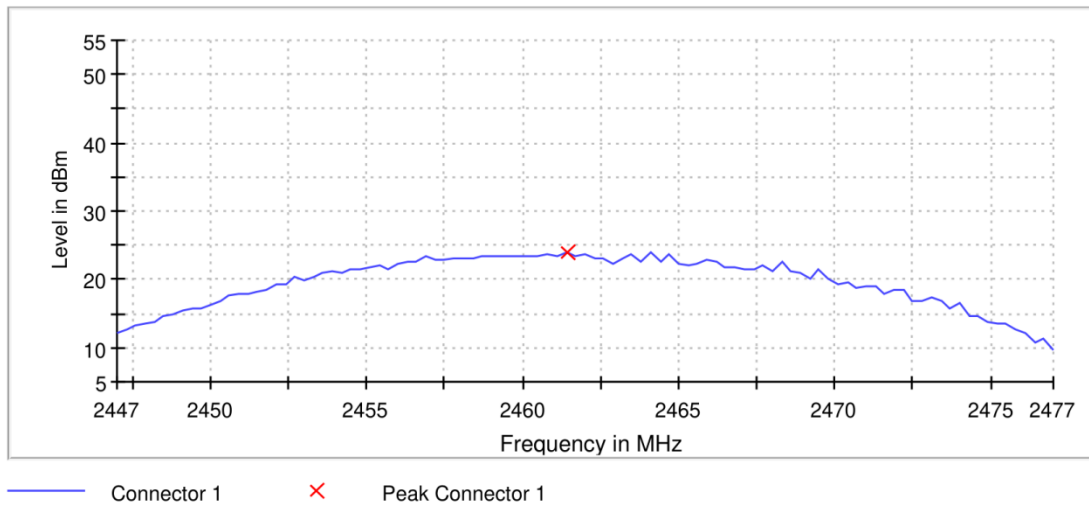


Peak Power



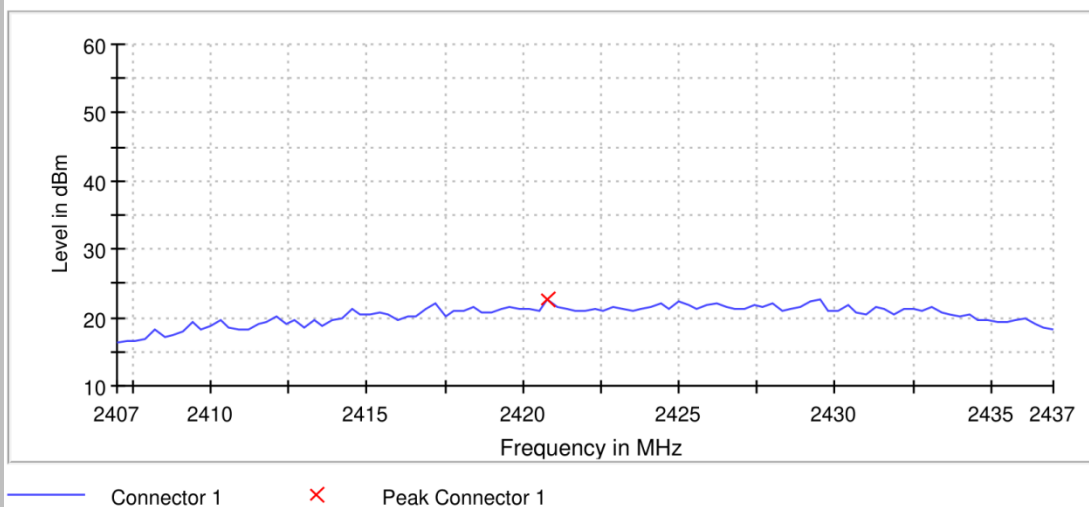
11N20_Ant0_2462

Peak Power



11N40_Ant0_2422

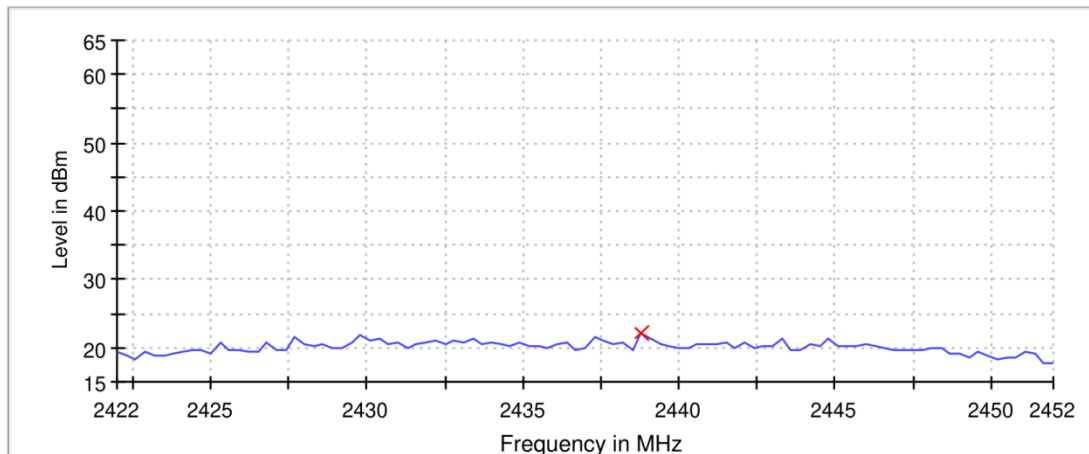
Peak Power





11N40_Ant0_2437

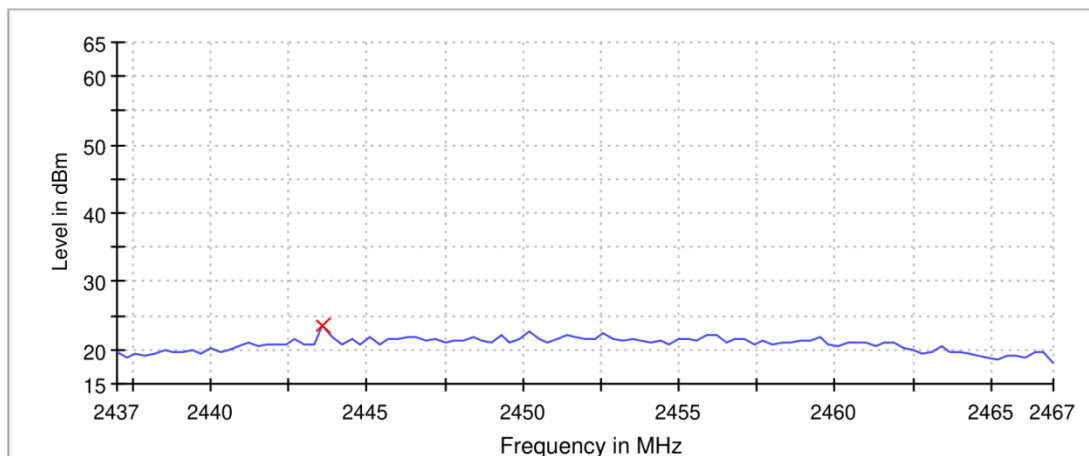
Peak Power



— Connector 1 × Peak Connector 1

11N40_Ant0_2452

Peak Power



— Connector 1 × Peak Connector 1



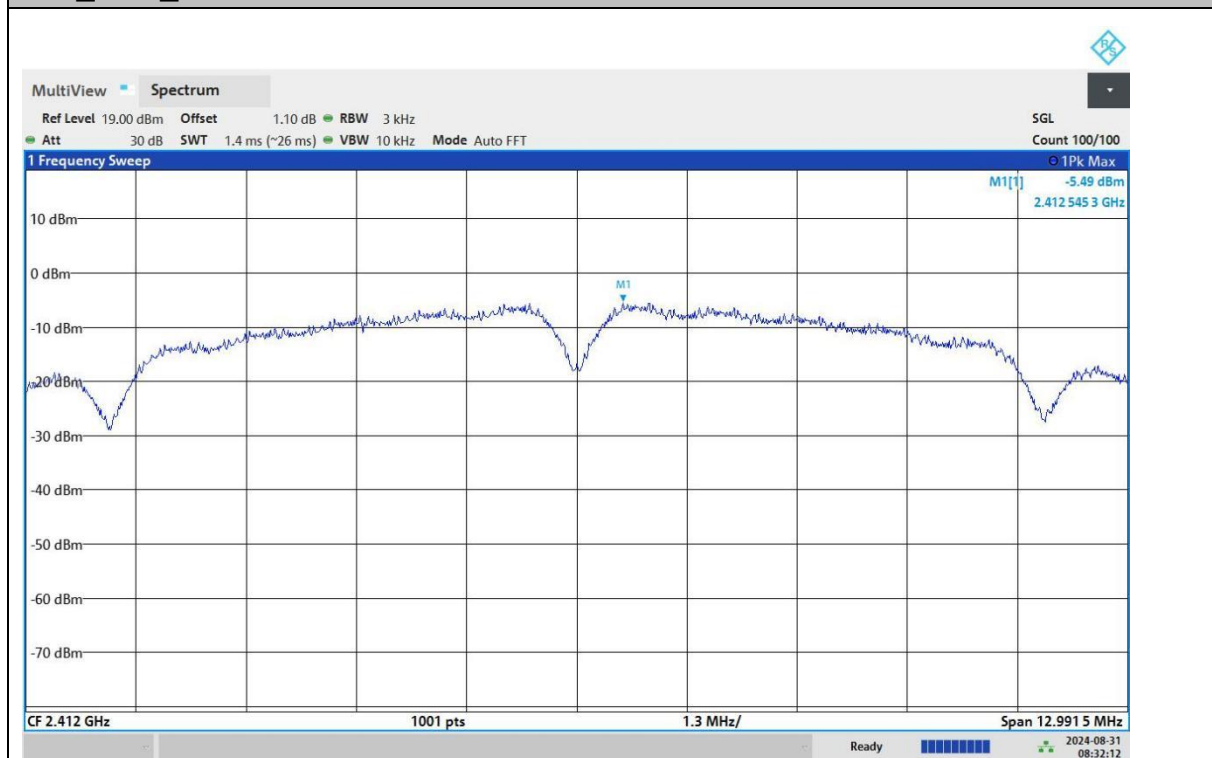
MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

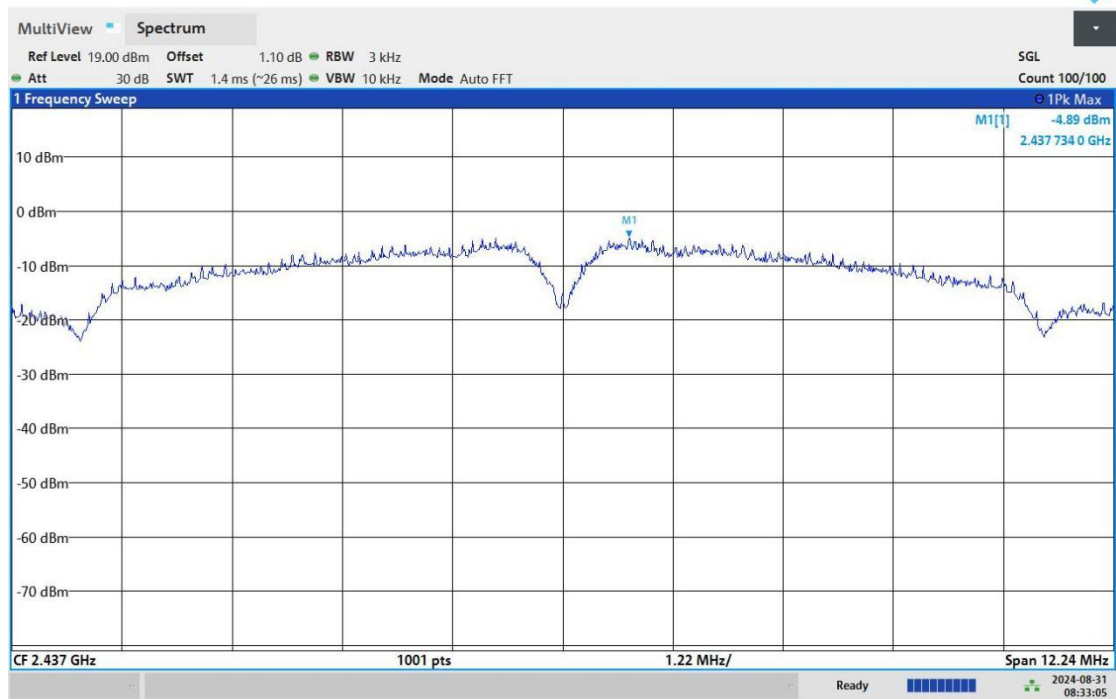
TestMode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant4	2412	-5.49	≤8.00	PASS
	Ant4	2437	-4.89	≤8.00	PASS
	Ant4	2462	-4.89	≤8.00	PASS
11G	Ant4	2412	-8.42	≤8.00	PASS
	Ant4	2437	-6.47	≤8.00	PASS
	Ant4	2462	-6.47	≤8.00	PASS
11N20	Ant4	2412	-11.37	≤8.00	PASS
	Ant4	2437	-11.55	≤8.00	PASS
	Ant4	2462	-10.23	≤8.00	PASS
11N40	Ant4	2422	-13.57	≤8.00	PASS
	Ant4	2437	-13.64	≤8.00	PASS
	Ant4	2452	-13.28	≤8.00	PASS

TEST GRAPHS

11B_Ant0_2412

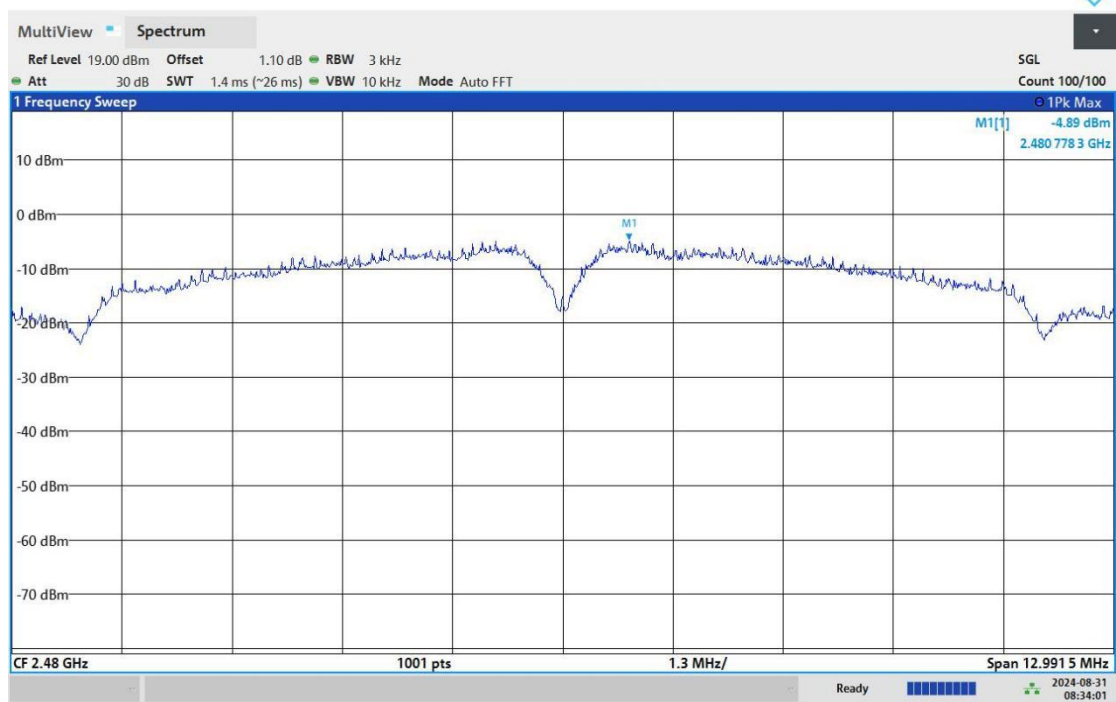


11B_Ant0_2437



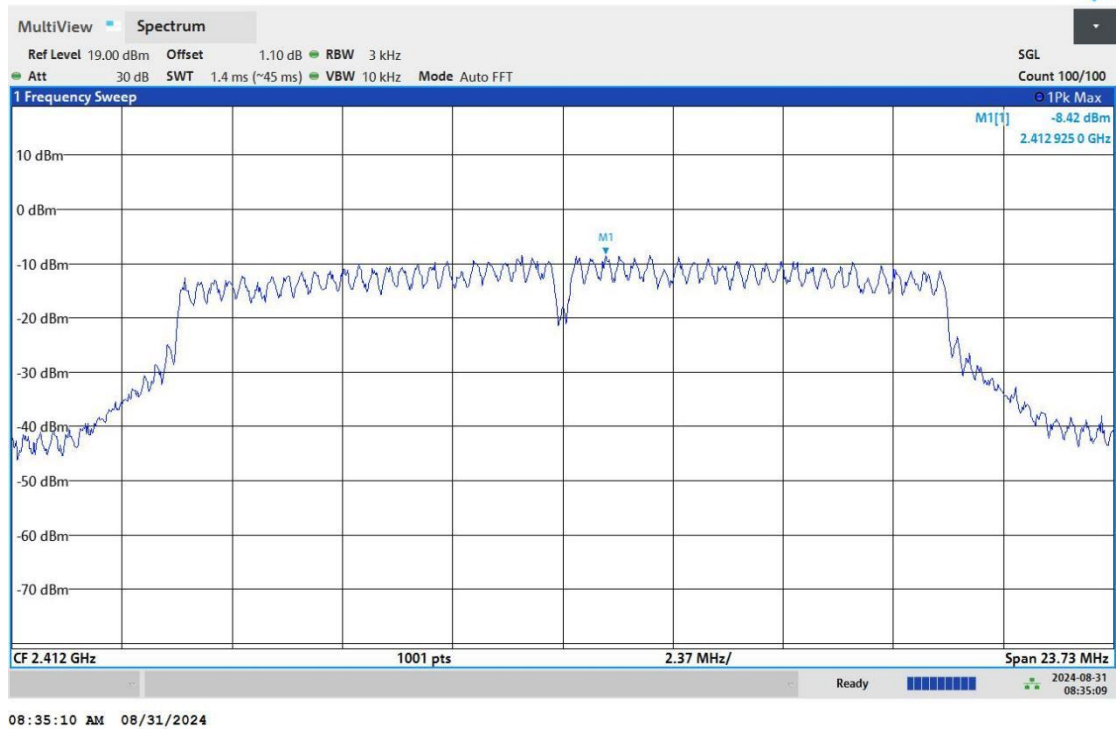
08:33:06 AM 08/31/2024

11B_Ant0_2462

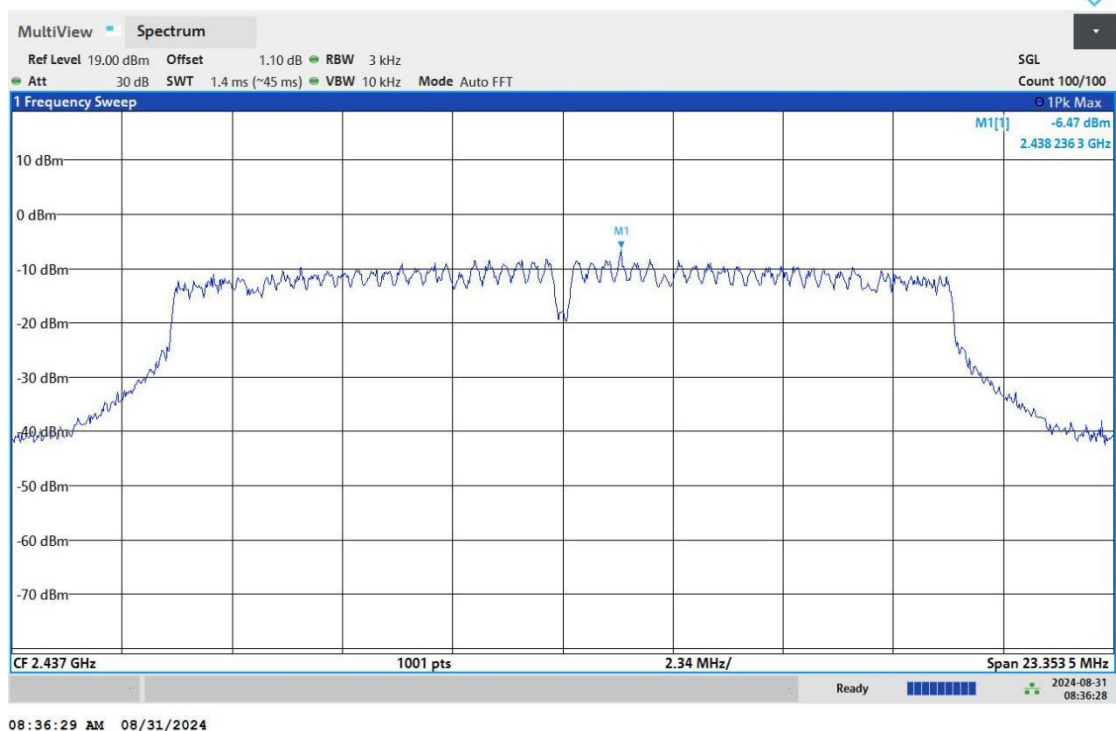


08:34:02 AM 08/31/2024

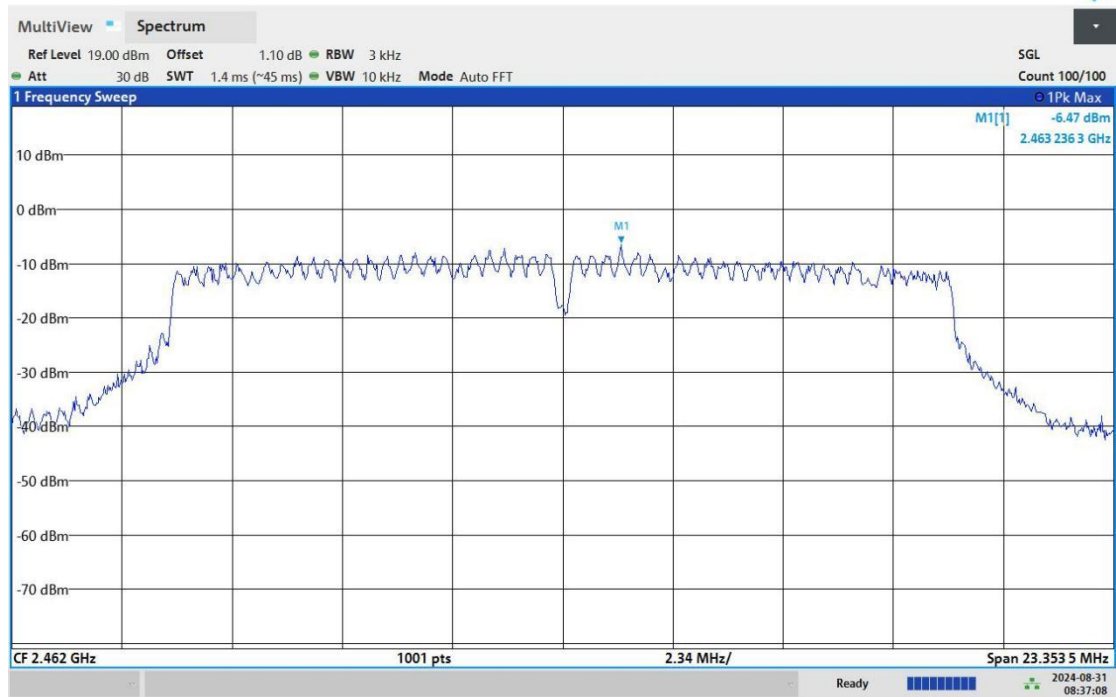
11G_Ant0_2412



11G_Ant0_2437

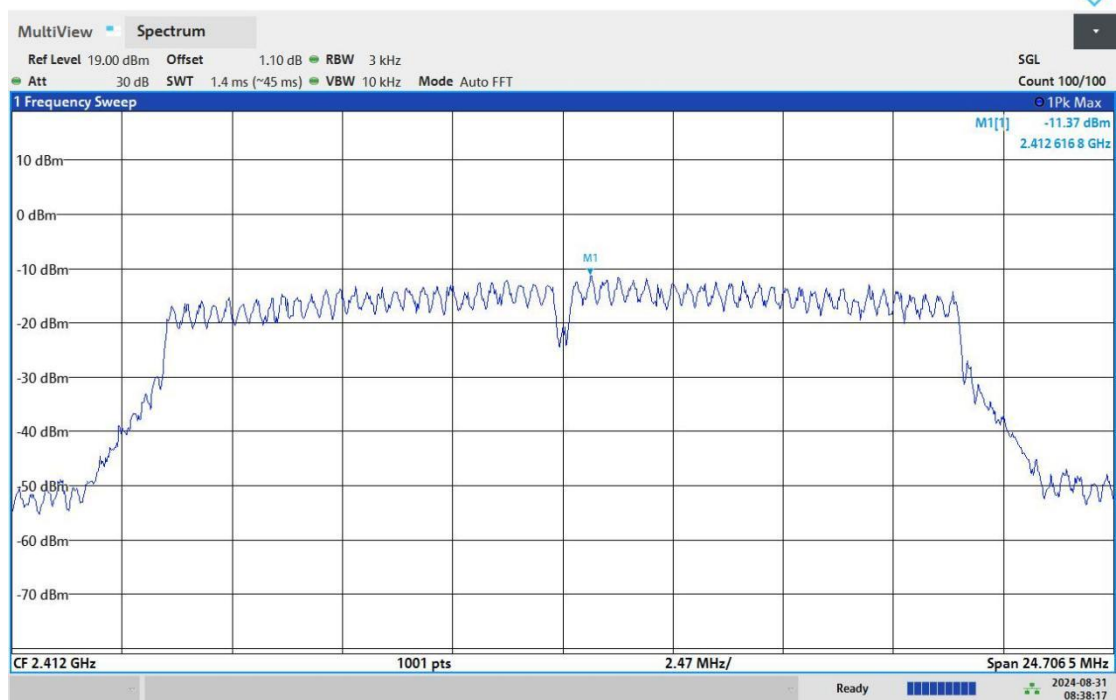


11G_Ant0_2462



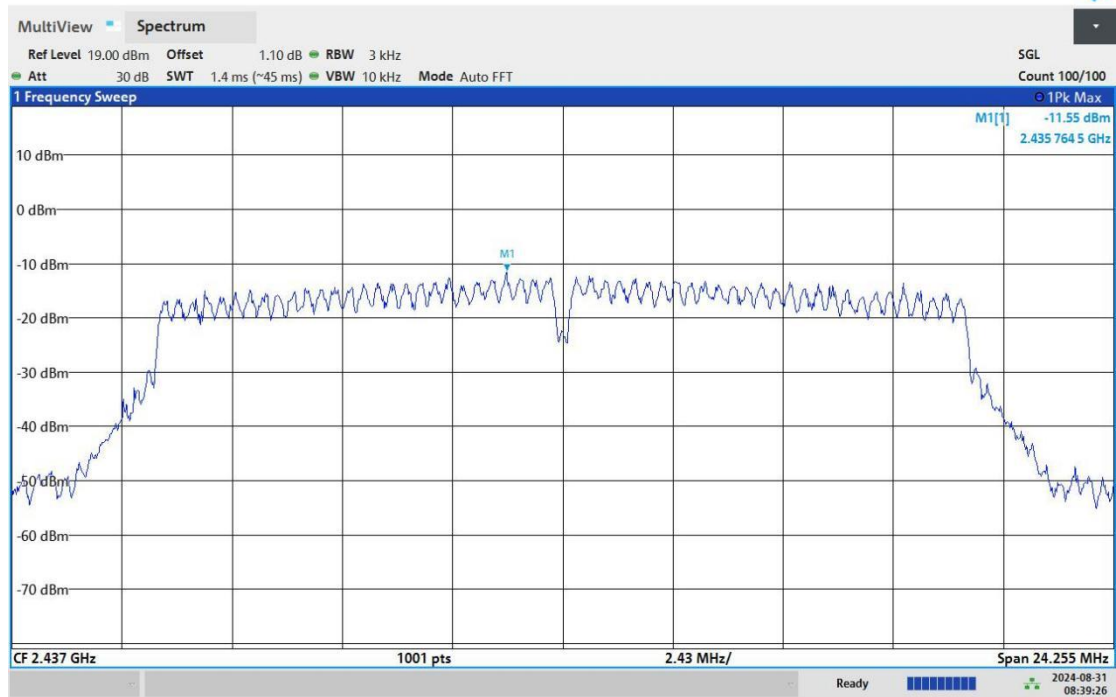
08:37:09 AM 08/31/2024

11N20_Ant0_2412



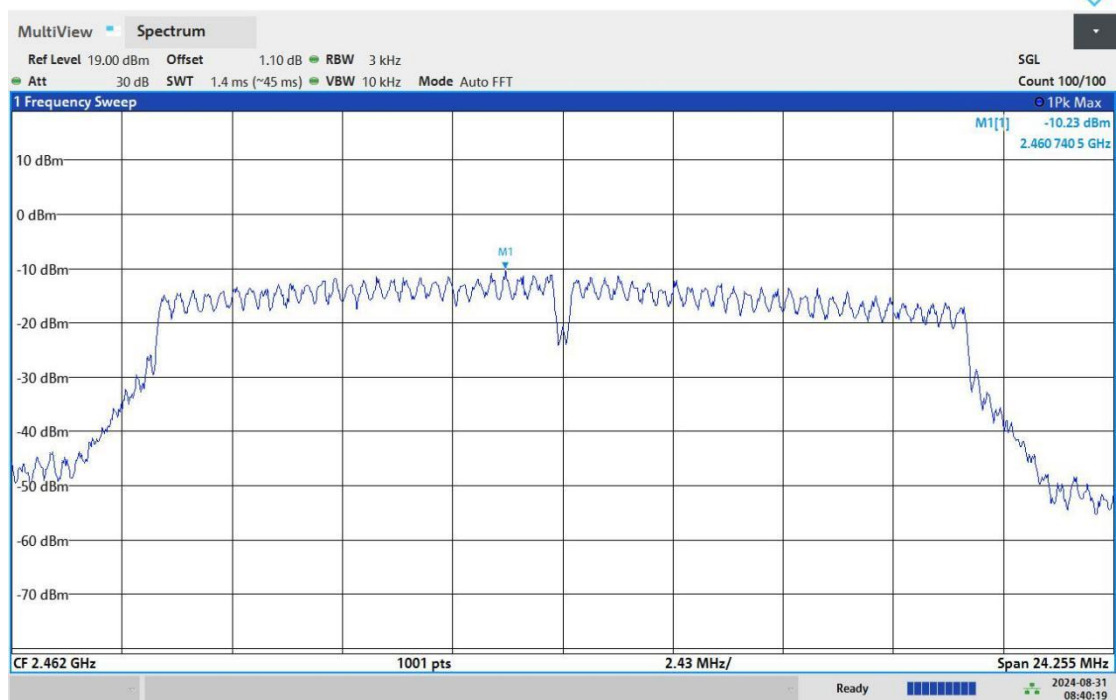
08:38:18 AM 08/31/2024

11N20_Ant0_2437



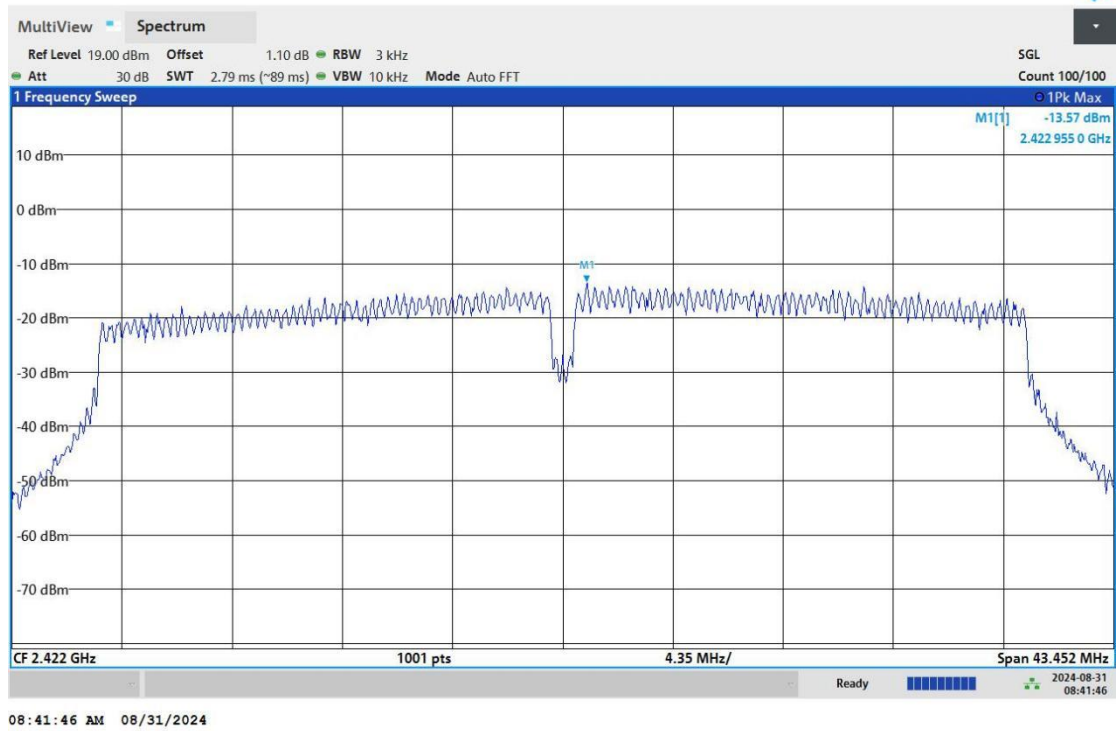
08:39:27 AM 08/31/2024

11N20_Ant0_2462

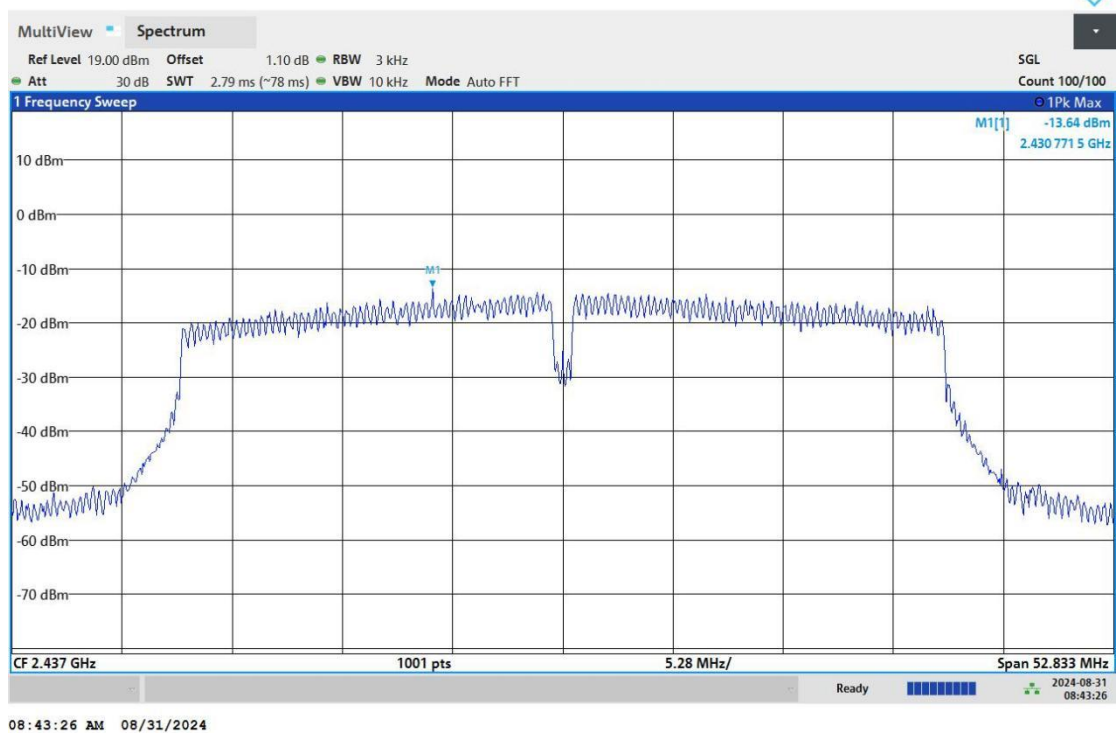


08:40:20 AM 08/31/2024

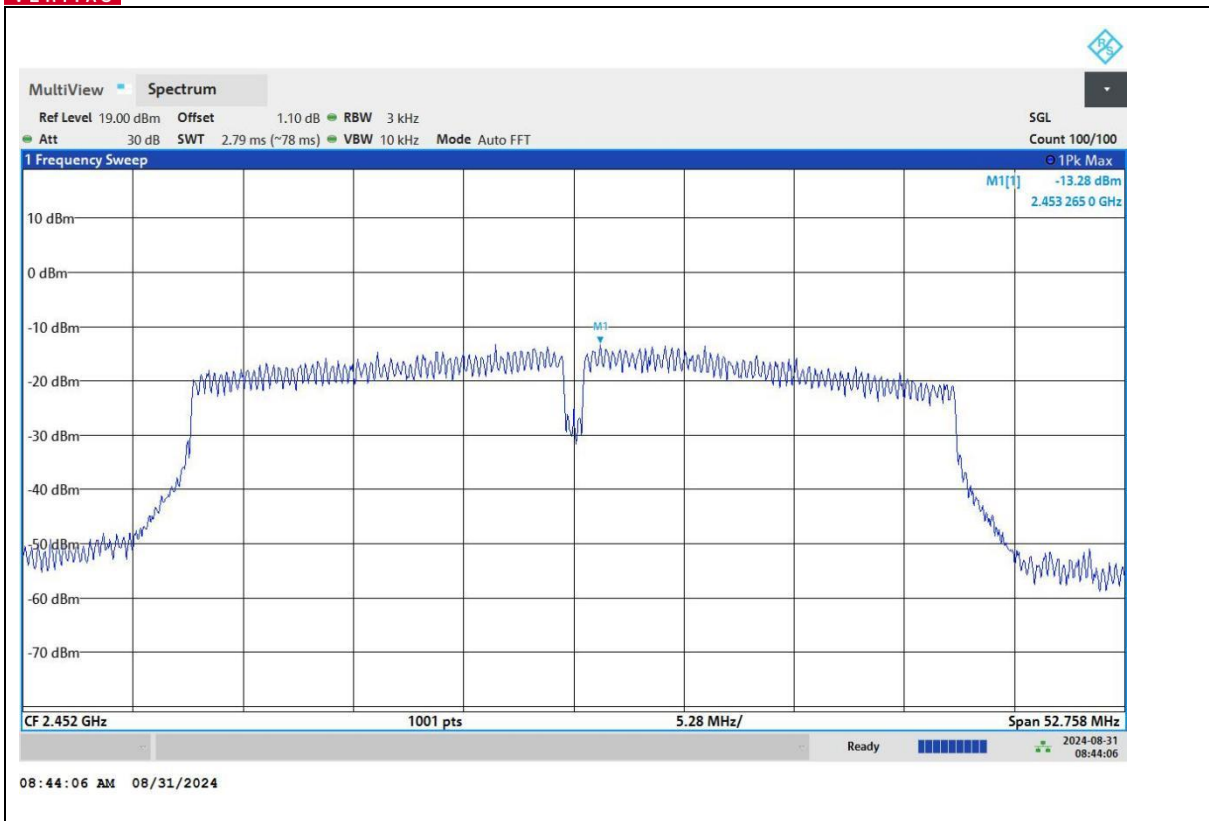
11N40_Ant0_2422



11N40_Ant0_2438



11N40_Ant0_2452



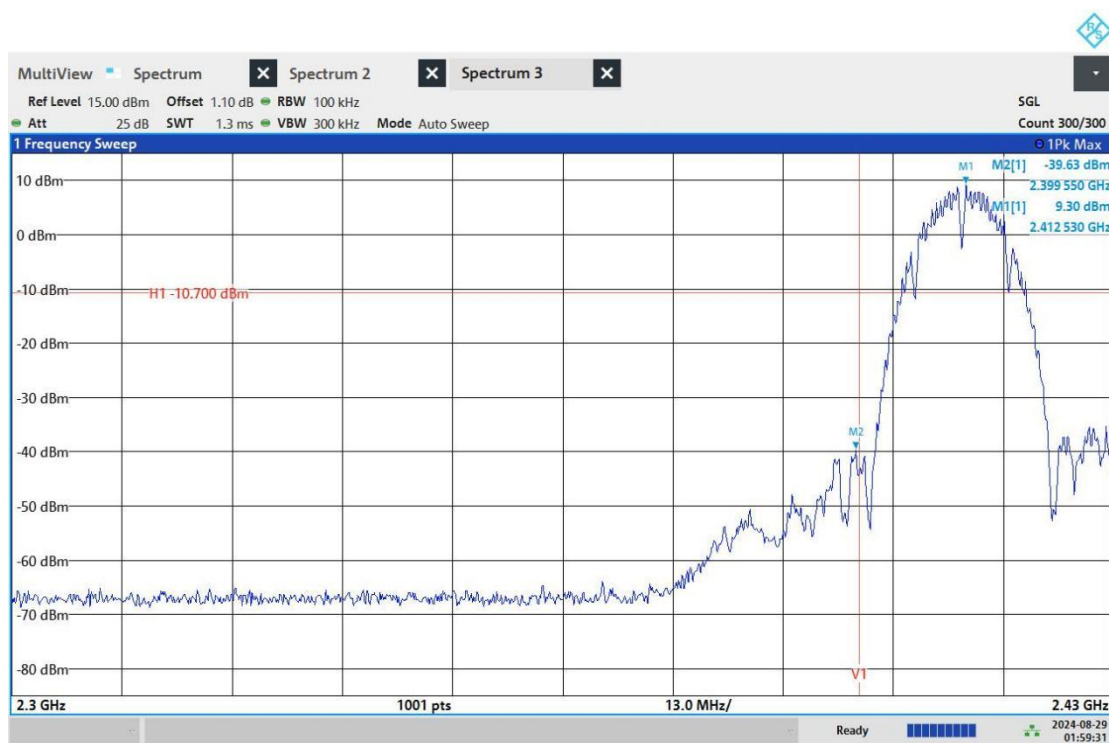
**BAND EDGE MEASUREMENTS****TEST RESULT**

TestMode	Antenna	ChName	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant4	Low	2412	See test graph	See test graph	PASS
	Ant4	High	2462	See test graph	See test graph	PASS
11G	Ant4	Low	2412	See test graph	See test graph	PASS
	Ant4	High	2462	See test graph	See test graph	PASS
11N20	Ant4	Low	2412	See test graph	See test graph	PASS
	Ant4	High	2462	See test graph	See test graph	PASS
11N40	Ant4	Low	2422	See test graph	See test graph	PASS
	Ant4	High	2452	See test graph	See test graph	PASS



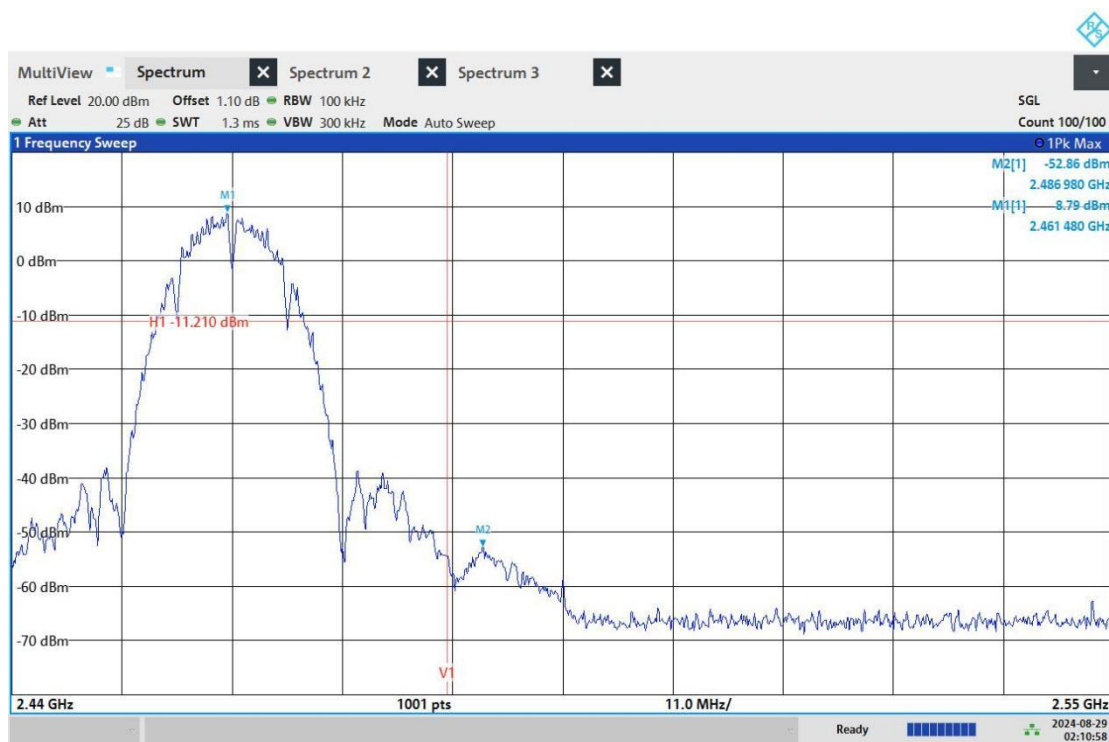
Test Graphs

11B_Ant0_Low_2412



01:59:32 AM 08/29/2024

11B_Ant0_High_2462



02:10:58 AM 08/29/2024

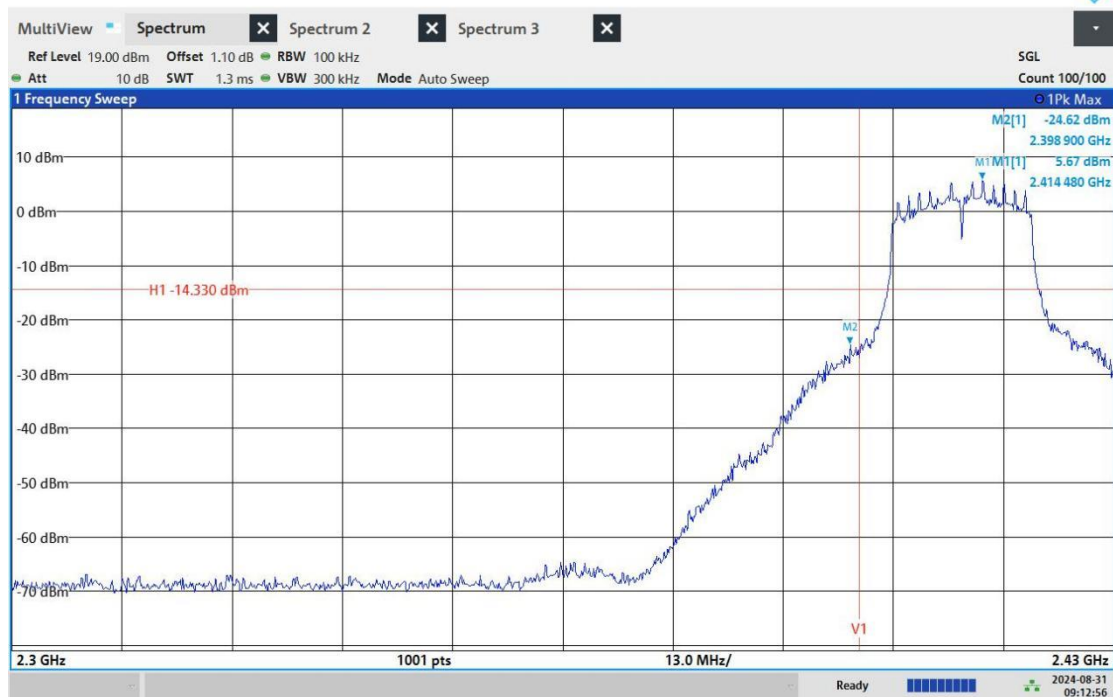
11G_Ant0_Low_2412

BV 7Layers Communications
Technology (Shenzhen) Co., Ltd

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District Shenzhen, Guangdong, People's
Republic of China

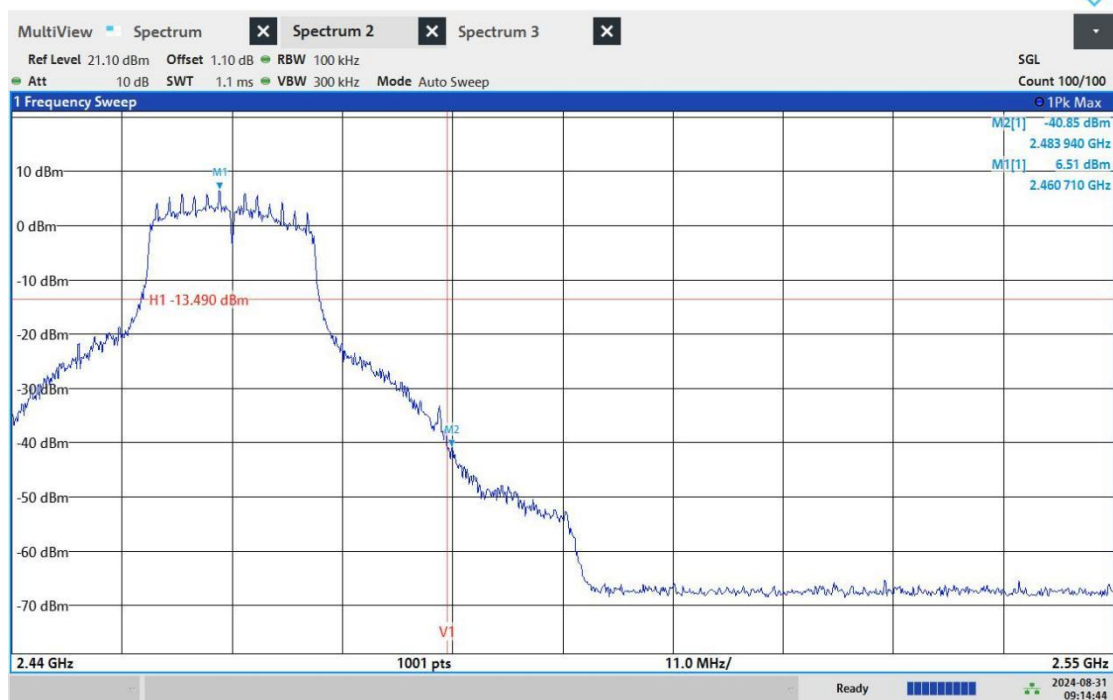
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email:

customerservice.sw@bureauveritas.com



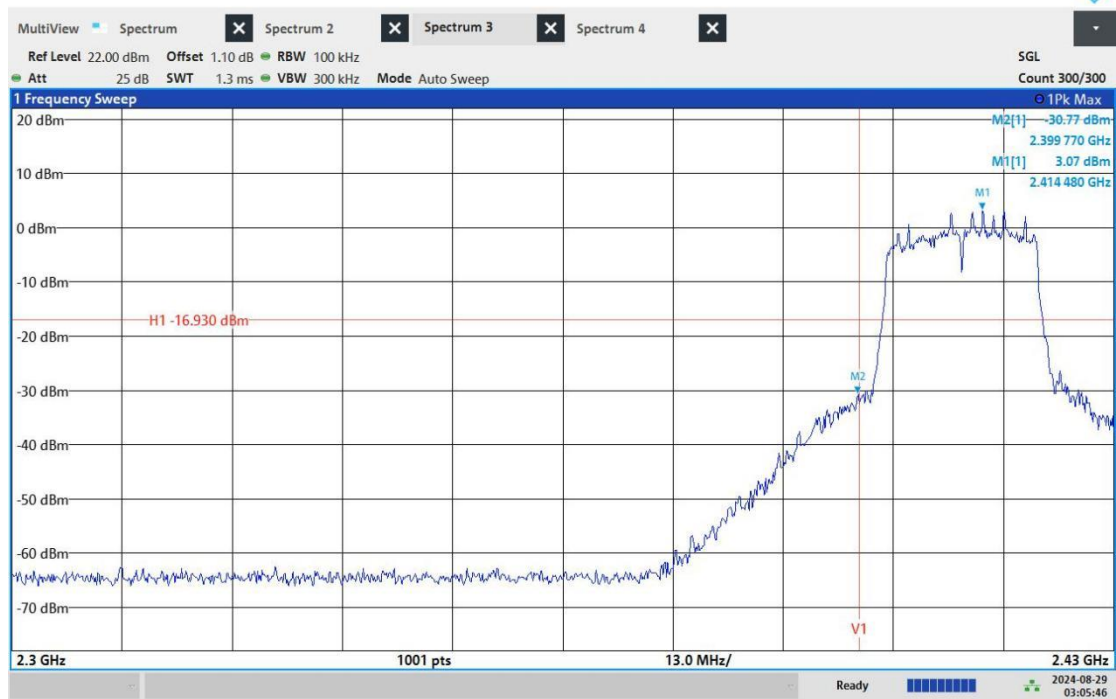
09:12:57 AM 08/31/2024

11G_Ant0_High_2462



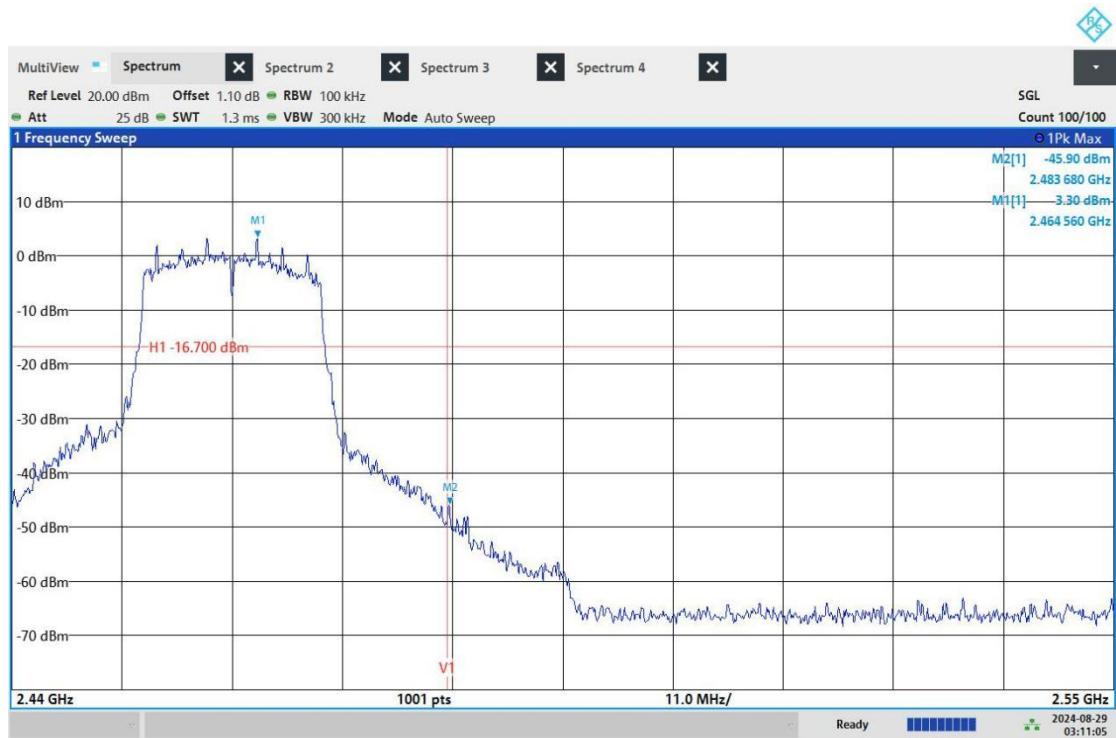
09:14:44 AM 08/31/2024

11N20SISO_Ant0_Low_2412



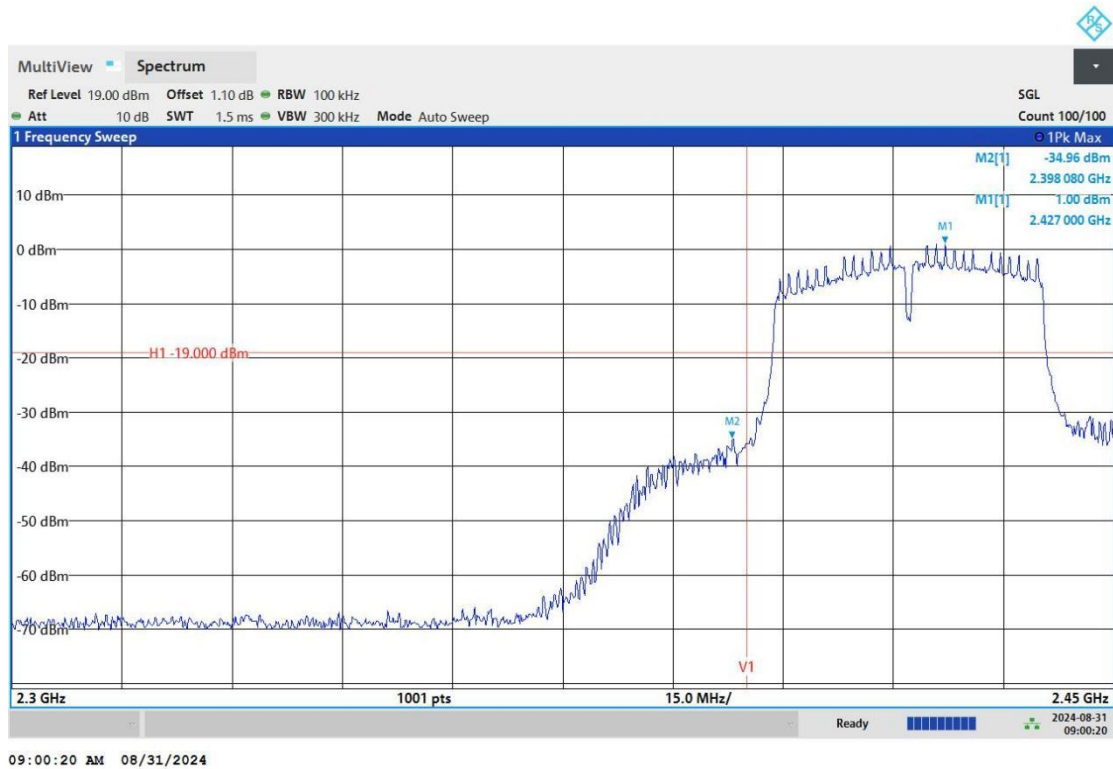
03:05:47 AM 08/29/2024

11N20ISO_Ant0_High_2462

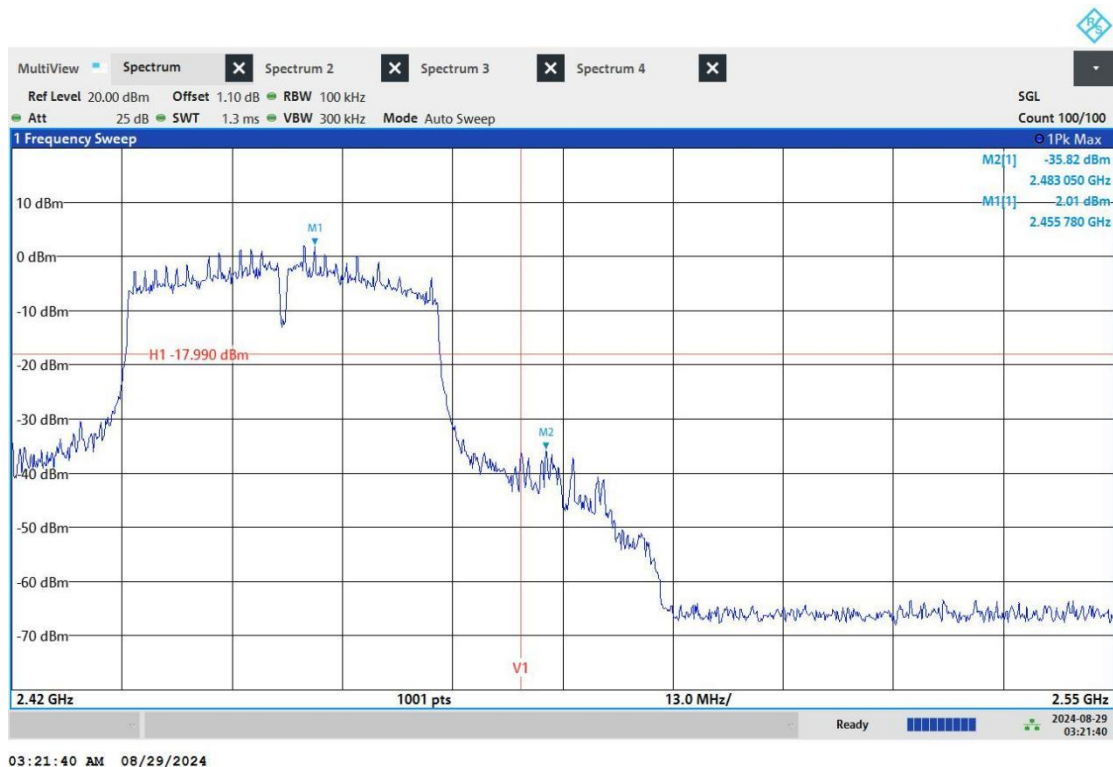


03:11:05 AM 08/29/2024

11N40ISO_Ant0_Low_2422



11N40ISO_Ant0_High_2452



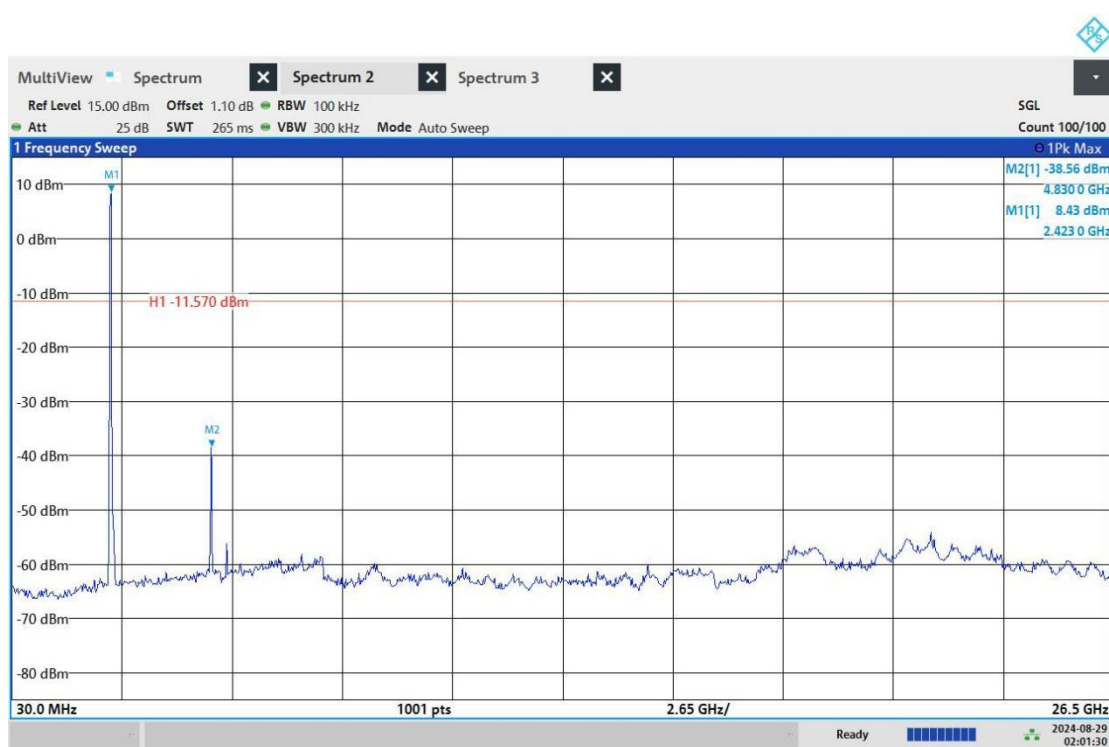
**CONDUCTED SPURIOUS EMISSION****TEST RESULT**

TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant4	2412	30~260000	See test graph	See test graph	PASS
	Ant4	2437	30~260000	See test graph	See test graph	PASS
	Ant4	2462	30~260000	See test graph	See test graph	PASS
11G	Ant4	2412	30~260000	See test graph	See test graph	PASS
	Ant4	2437	30~260000	See test graph	See test graph	PASS
	Ant4	2462	30~260000	See test graph	See test graph	PASS
11N20	Ant4	2412	30~260000	See test graph	See test graph	PASS
	Ant4	2437	30~260000	See test graph	See test graph	PASS
	Ant4	2462	30~260000	See test graph	See test graph	PASS
11N40	Ant4	2422	30~260000	See test graph	See test graph	PASS
	Ant4	2437	30~260000	See test graph	See test graph	PASS
	Ant4	2452	30~260000	See test graph	See test graph	PASS



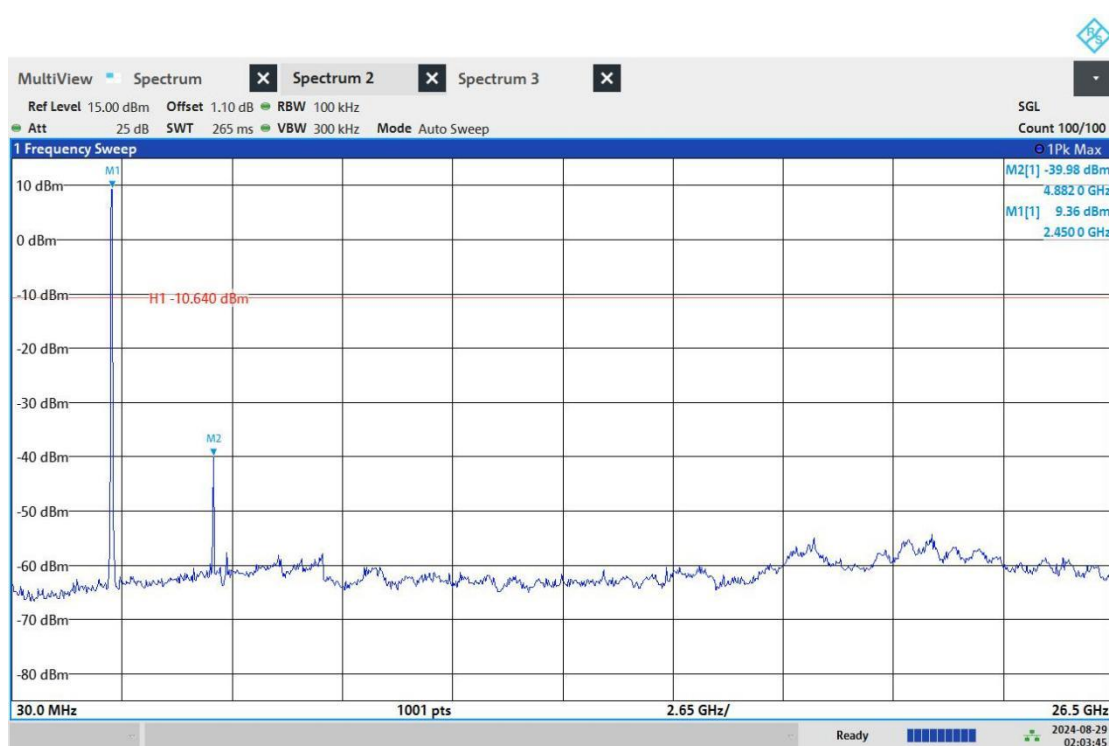
TEST GRAPHS

11B_Ant0_2412_30~260000



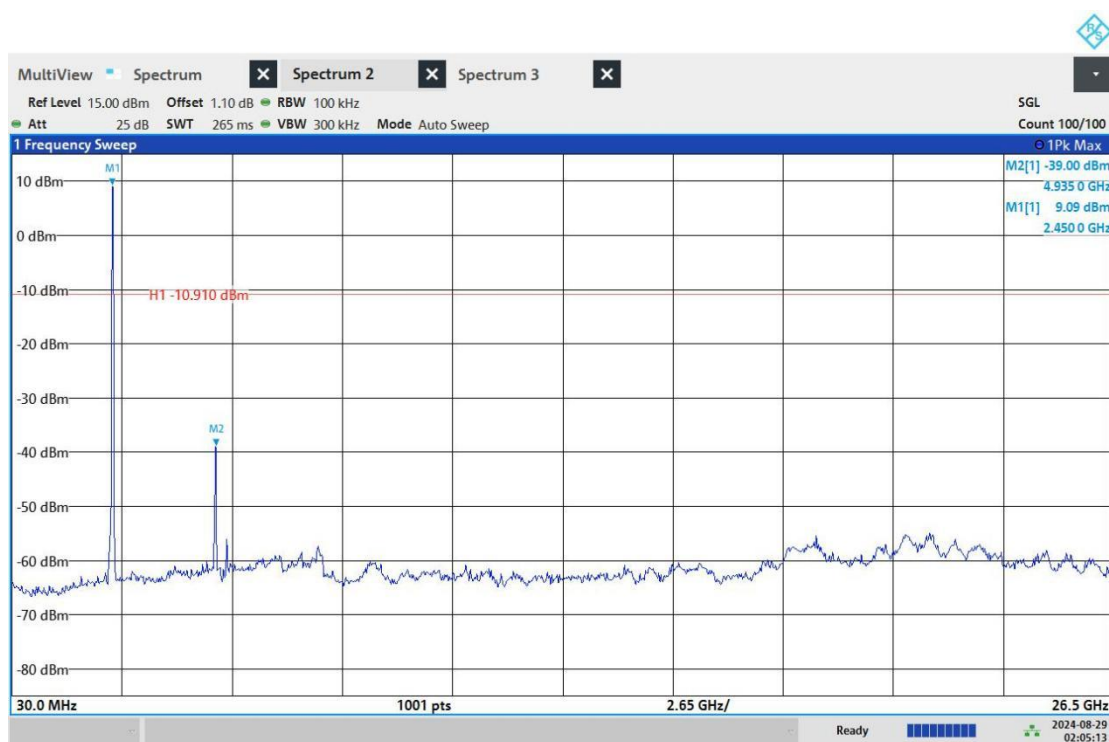
02:01:30 AM 08/29/2024

11B_Ant0_2437_30~260000



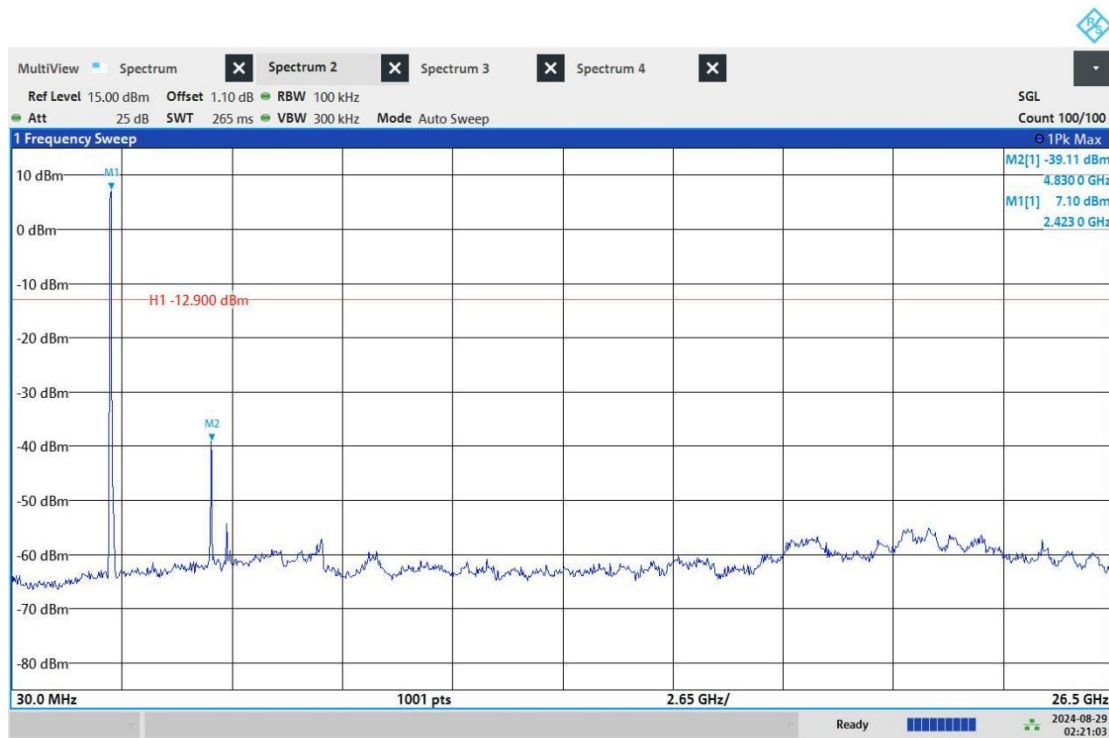
02:03:45 AM 08/29/2024

11B_Ant0_2462_30~260000



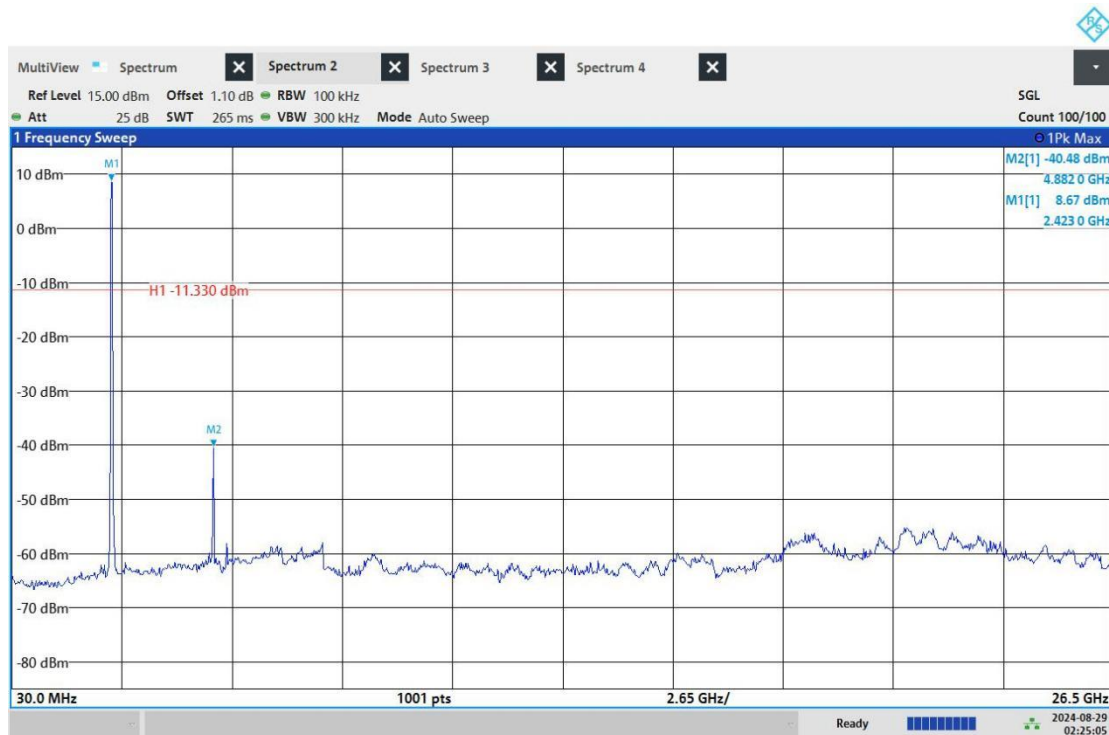
02:05:13 AM 08/29/2024

11G_Ant0_2412_30~260000



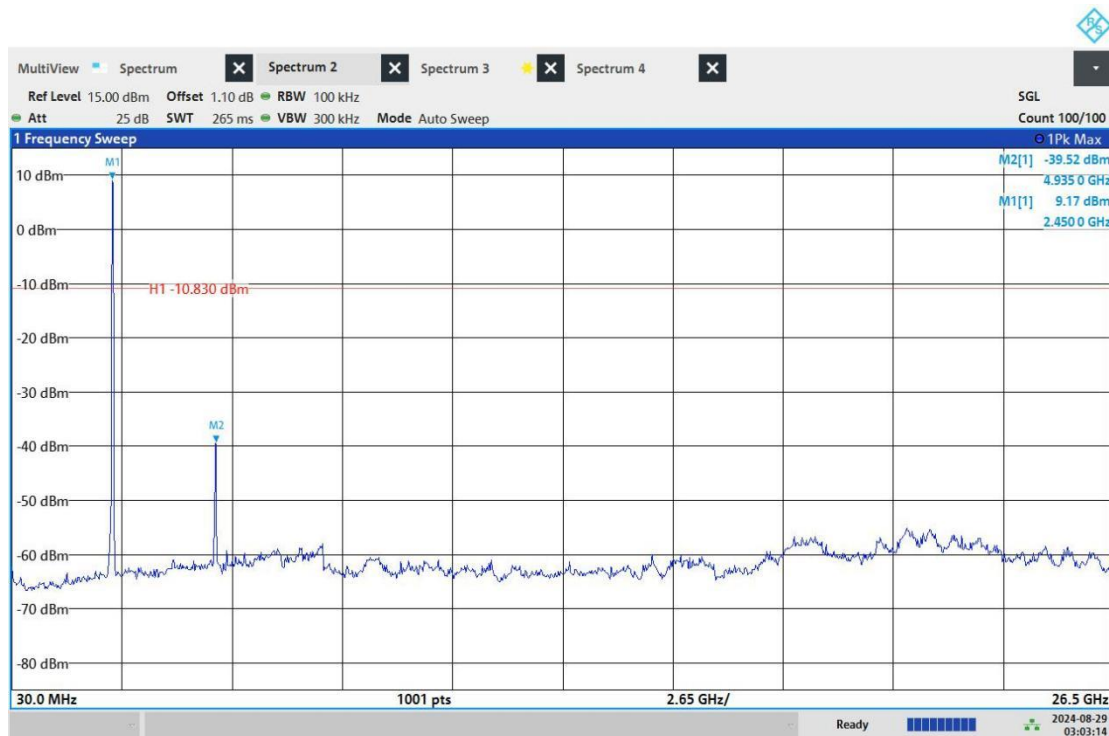
02:21:03 AM 08/29/2024

11G_Ant0_2437_30~260000



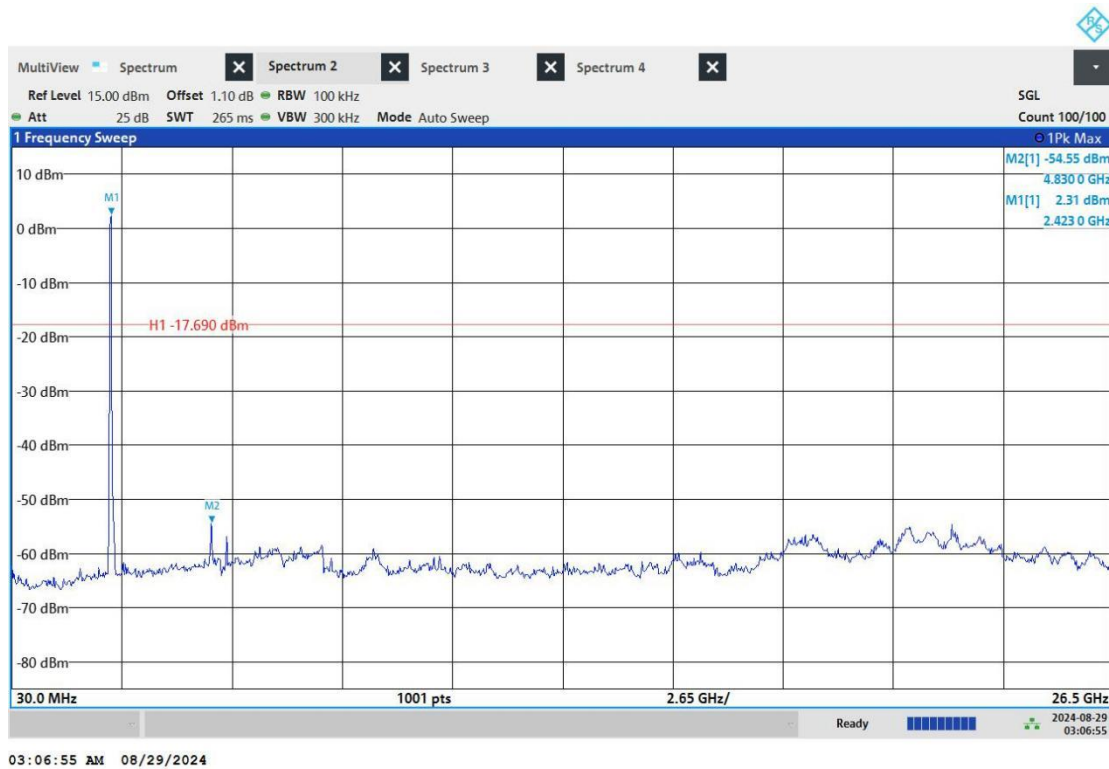
02:25:05 AM 08/29/2024

11G_Ant0_2462_30~260000



03:03:15 AM 08/29/2024

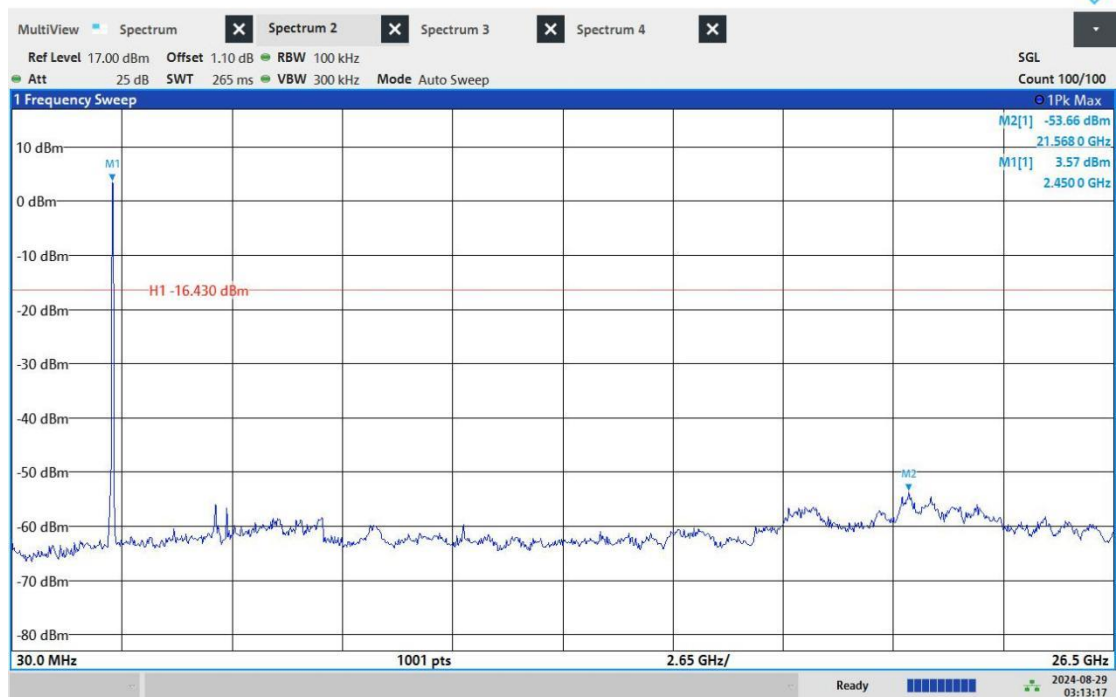
11N20_Ant0_2412_30~260000



11N20_Ant0_2437_30~260000

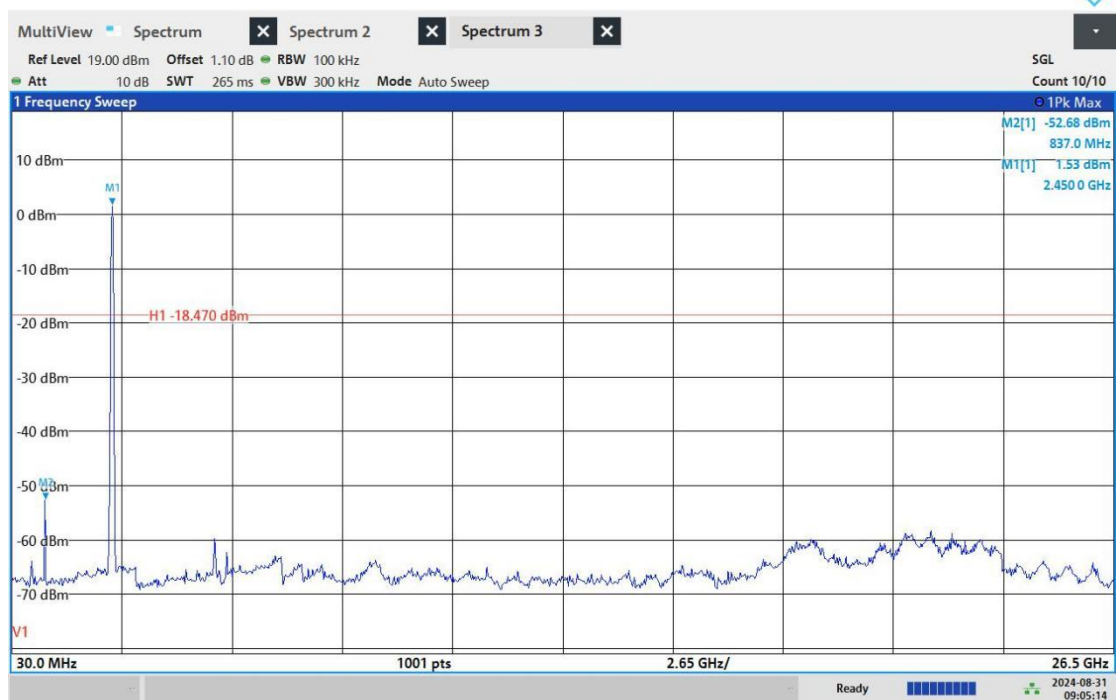


11N20_Ant0_2462_30~260000



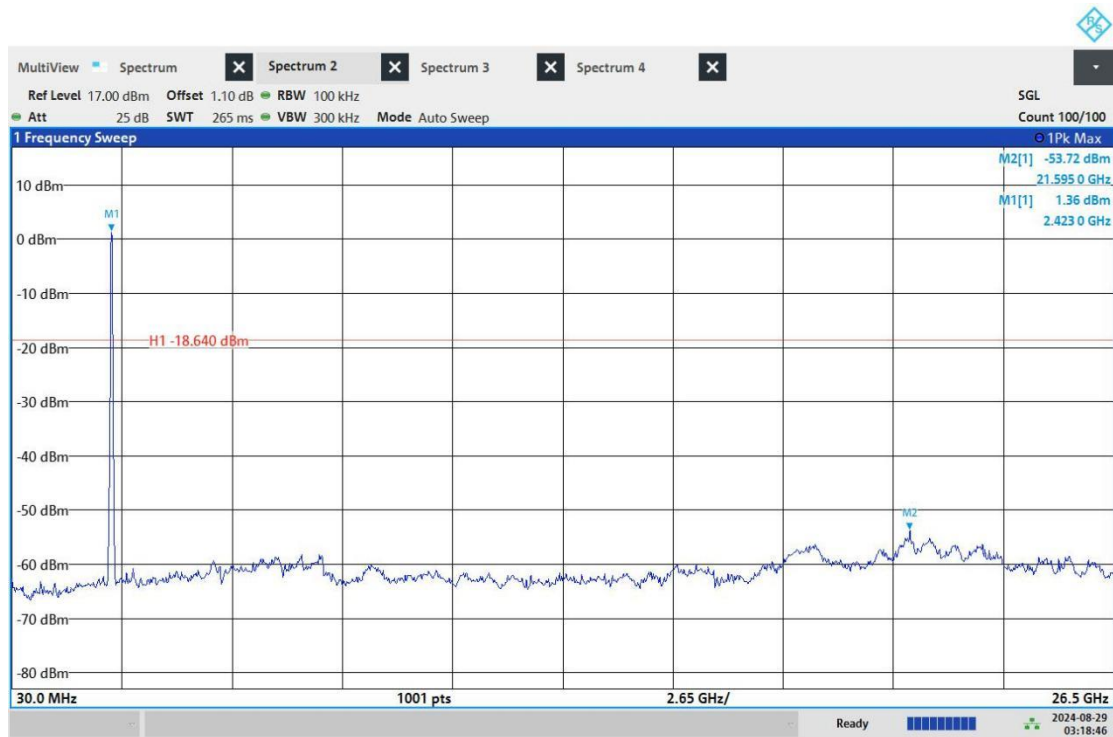
03:13:19 AM 08/29/2024

11N40_Ant0_2422_30~260000



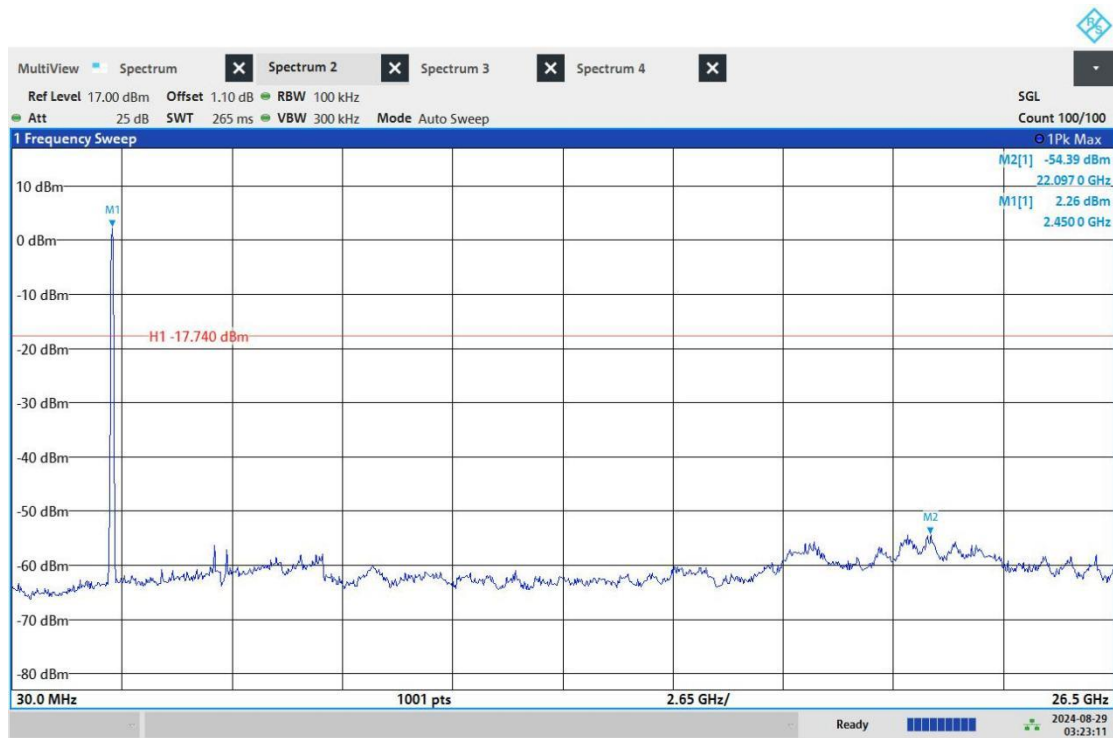
09:05:14 AM 08/31/2024

11N40_Ant0_2437_30~260000



03:18:46 AM 08/29/2024

11N40_Ant0_2452_30~260000



03:23:11 AM 08/29/2024

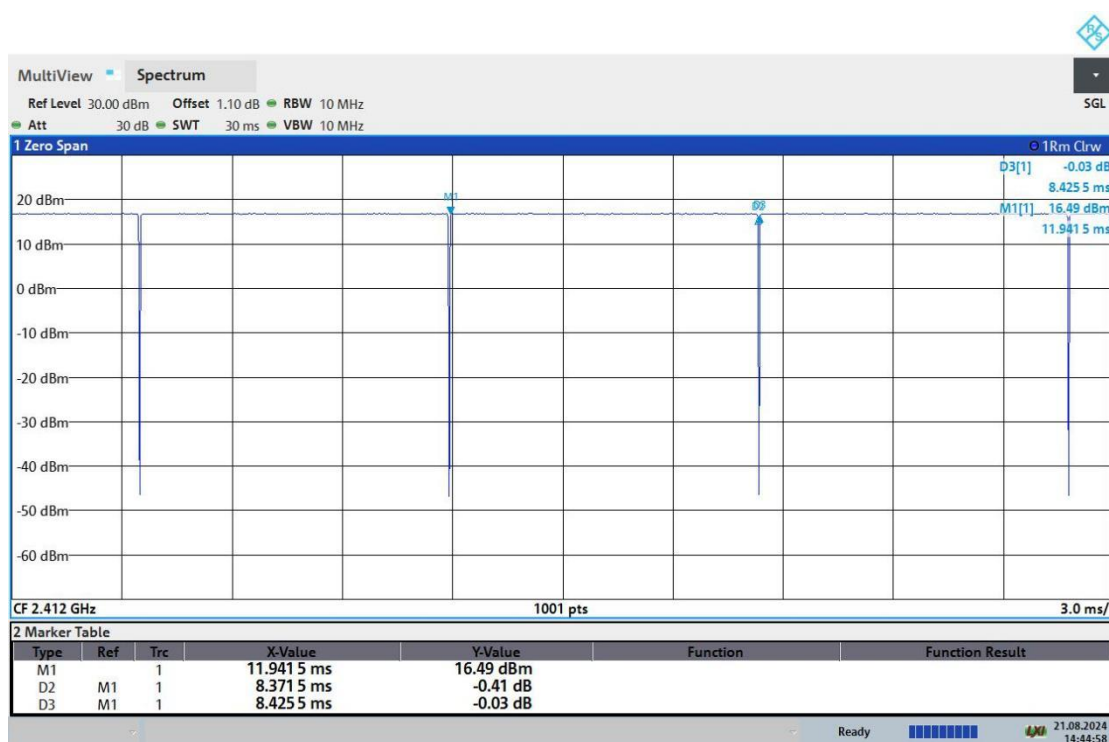
**DUTY CYCLE****TEST RESULT**

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	dutycycle factor
11B	Ant4	2412	8.3715	8.4255	99.36%	0.03
11G	Ant4	2412	1.3860	1.4400	96.25%	0.17
11N20	Ant4	2412	1.2960	1.3500	96.00%	0.18
11N40	Ant4	2422	0.6450	0.6930	93.07%	0.31

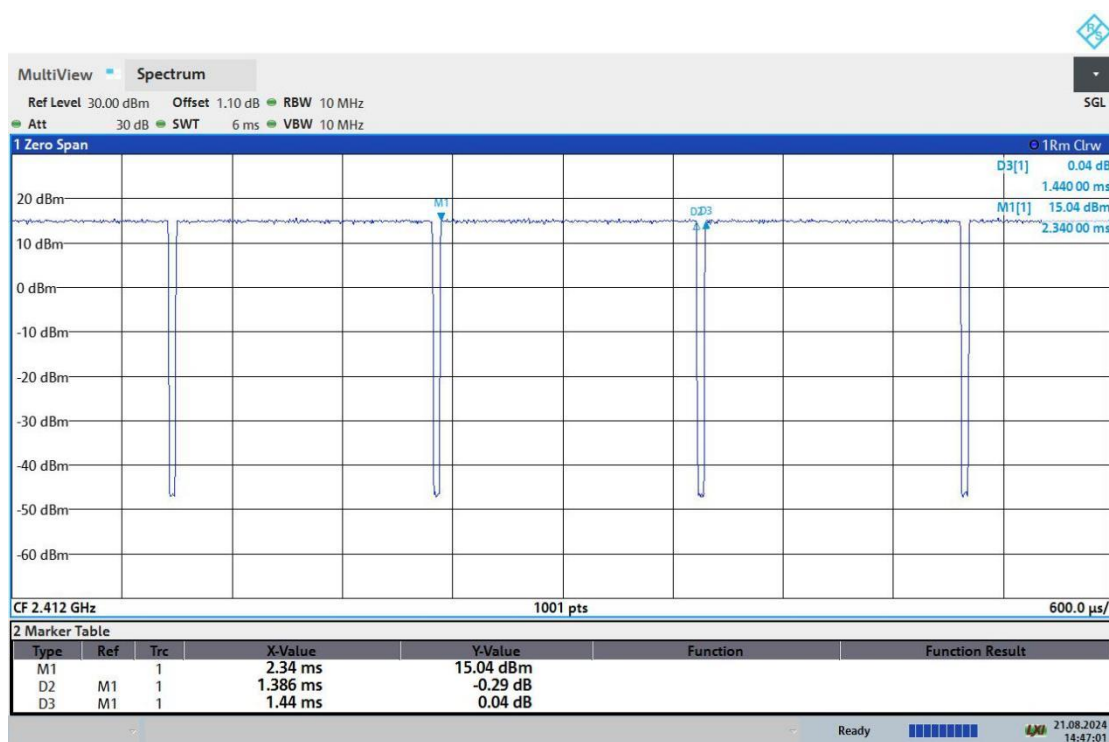


TEST GRAPHS

11B_Ant0_2412



11G_Ant0_2412



11N20_Ant0_2412