

APPENDIX C

WLAN 2.4G

DTS BANDWIDTH

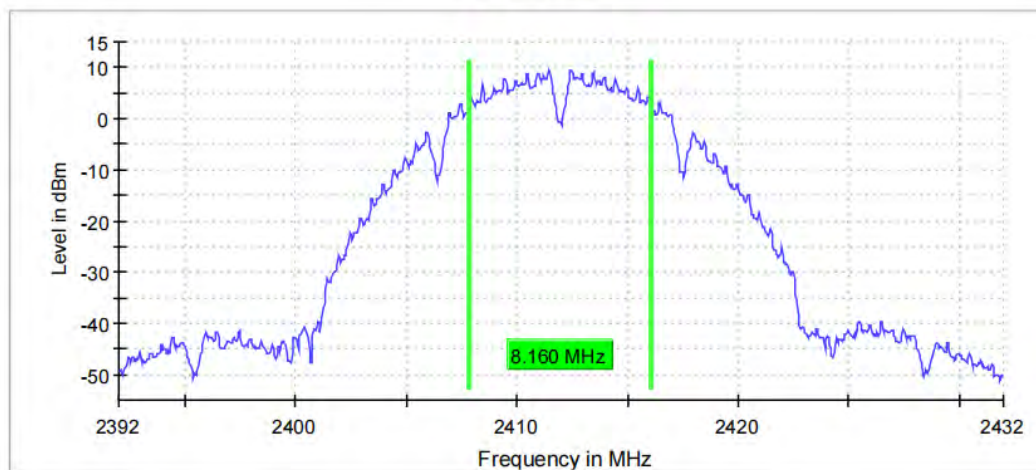
TEST RESULT

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-MIMO	Ant5	2412	8.160	2407.870	2416.030	0.5	PASS
	Ant6	2412	8.160	2407.870	2416.030	0.5	PASS
	Ant5	2437	8.160	2432.870	2441.030	0.5	PASS
	Ant6	2437	7.710	2432.870	2440.579	0.5	PASS
	Ant5	2462	7.409	2458.170	2465.579	0.5	PASS
	Ant6	2462	7.209	2458.370	2465.579	0.5	PASS
11G-MIMO	Ant5	2412	16.421	2403.765	2420.185	0.5	PASS
	Ant6	2412	16.421	2403.765	2420.185	0.5	PASS
	Ant5	2437	16.120	2428.765	2444.885	0.5	PASS
	Ant6	2437	15.870	2428.715	2444.584	0.5	PASS
	Ant5	2462	15.770	2454.015	2469.785	0.5	PASS
	Ant6	2462	16.120	2453.765	2469.885	0.5	PASS
11N20-MIMO	Ant5	2412	17.171	2403.364	2420.536	0.5	PASS
	Ant6	2412	17.422	2403.364	2420.786	0.5	PASS
	Ant5	2437	17.322	2428.114	2445.436	0.5	PASS
	Ant6	2437	17.272	2428.114	2445.385	0.5	PASS
	Ant5	2462	16.921	2453.514	2470.436	0.5	PASS
	Ant6	2462	16.921	2453.514	2470.436	0.5	PASS
11N40-MIMO	Ant5	2422	35.272	2404.364	2439.636	0.5	PASS
	Ant6	2422	35.272	2404.364	2439.636	0.5	PASS
	Ant5	2437	35.772	2419.014	2454.786	0.5	PASS
	Ant6	2437	35.222	2419.364	2454.586	0.5	PASS
	Ant5	2452	35.622	2434.014	2469.636	0.5	PASS
	Ant6	2452	35.822	2433.814	2469.636	0.5	PASS

TEST GRAPHS

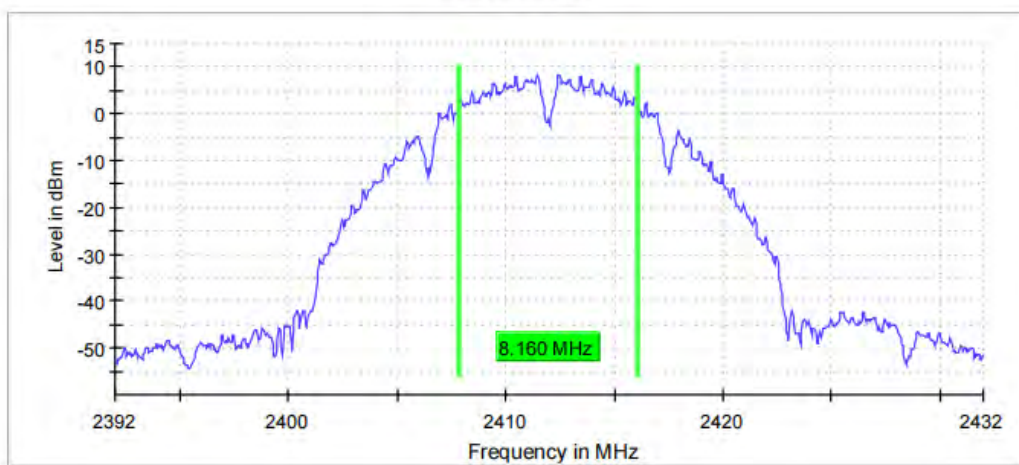
11B_Ant5_2412

6 dB Bandwidth



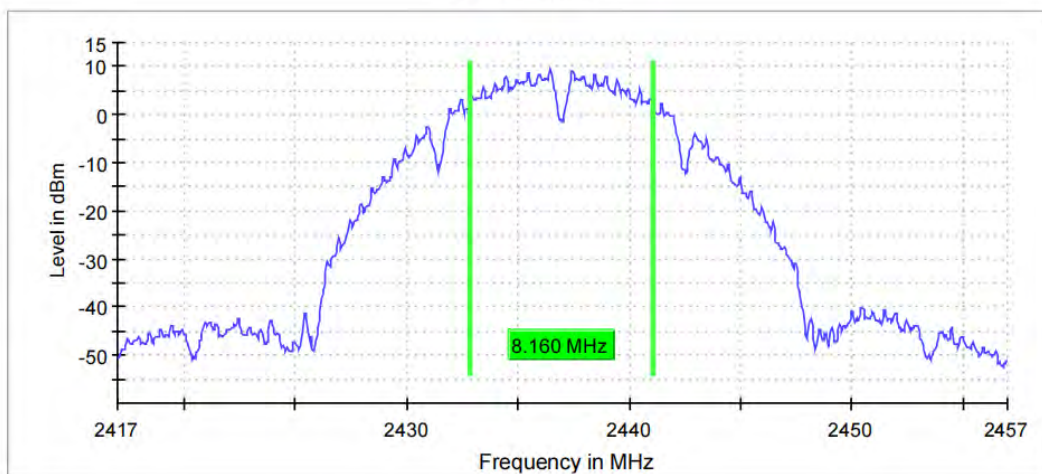
11B_Ant6_2412

6 dB Bandwidth



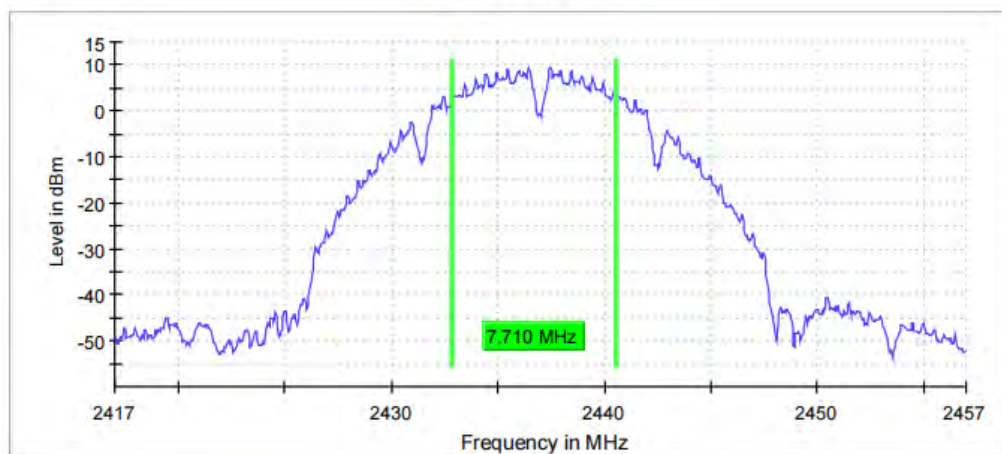
11B_Ant5_2437

6 dB Bandwidth



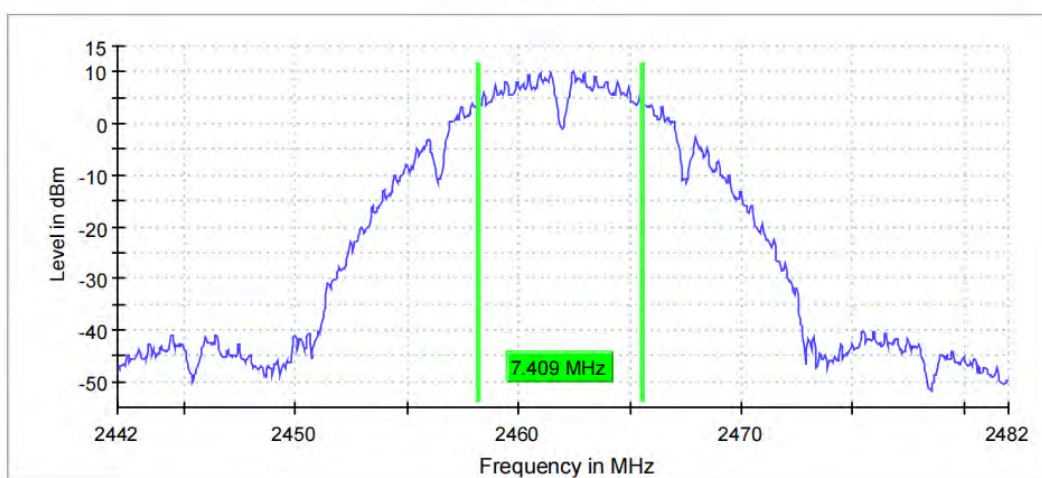
11B_Ant6_2437

6 dB Bandwidth

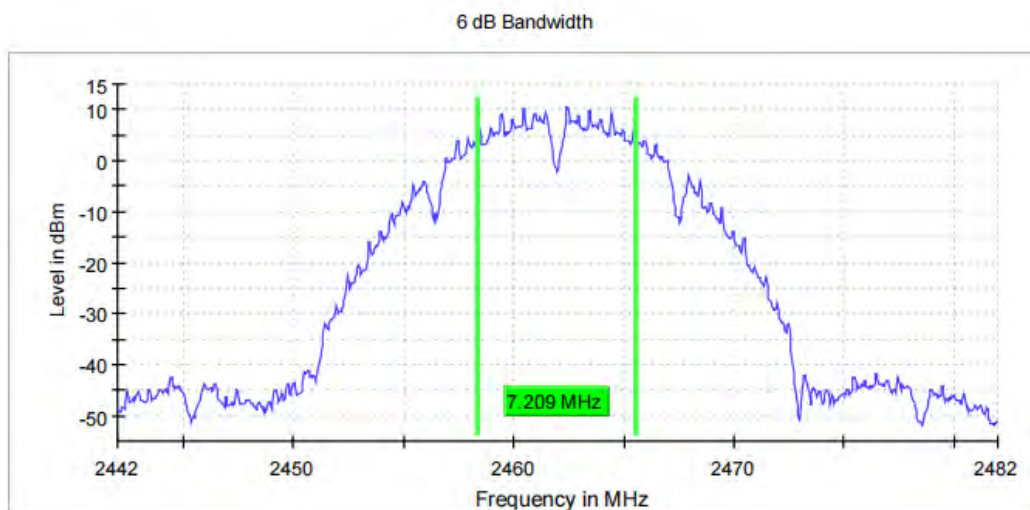


11B_Ant5_2462

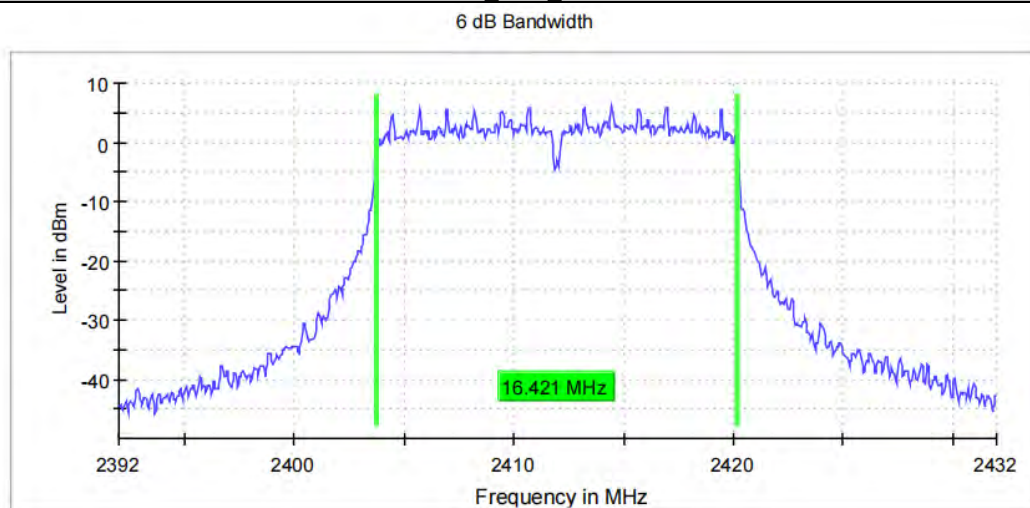
6 dB Bandwidth



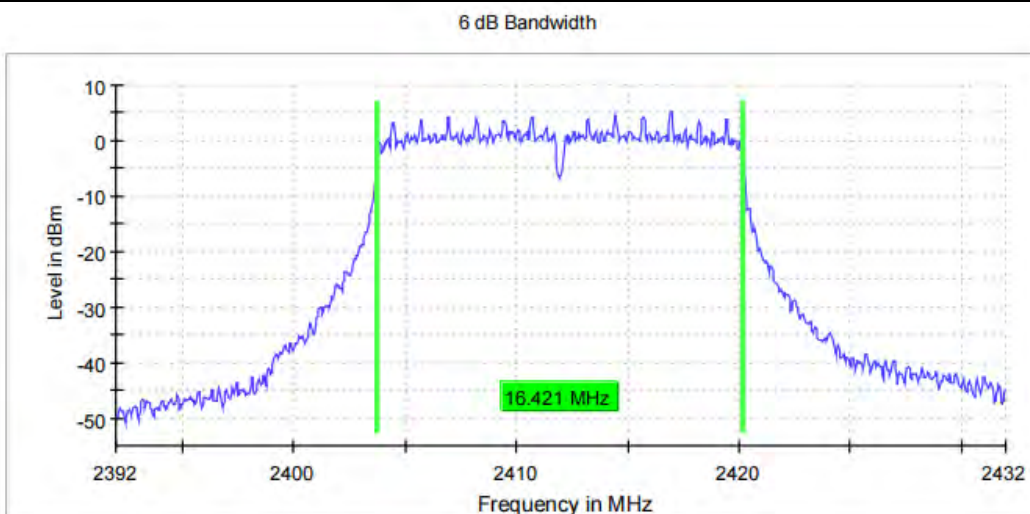
11B_Ant6_2462



11G Ant5 2412

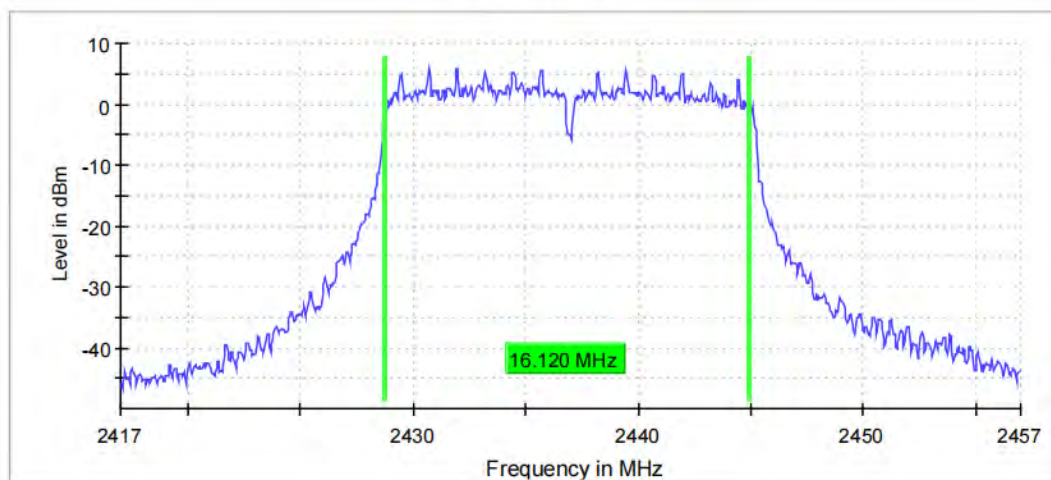


11G Ant6 2412



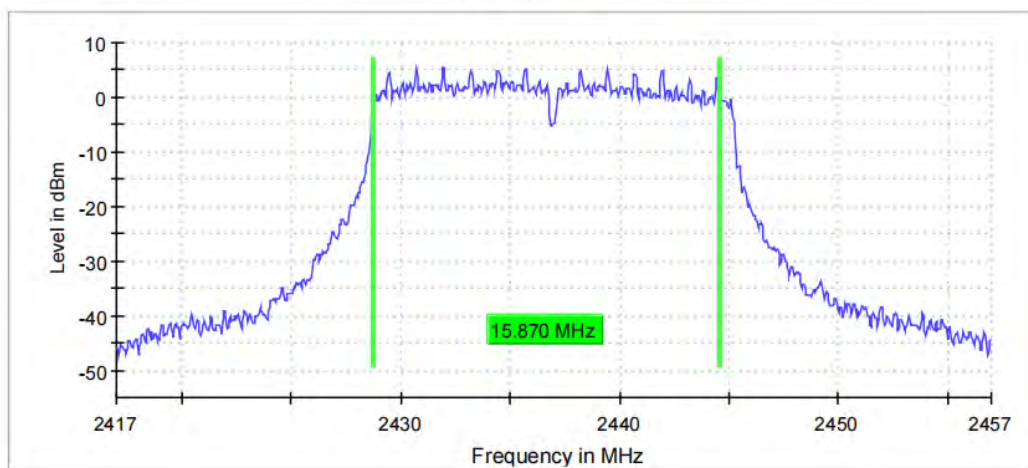
11G Ant5 2437

6 dB Bandwidth



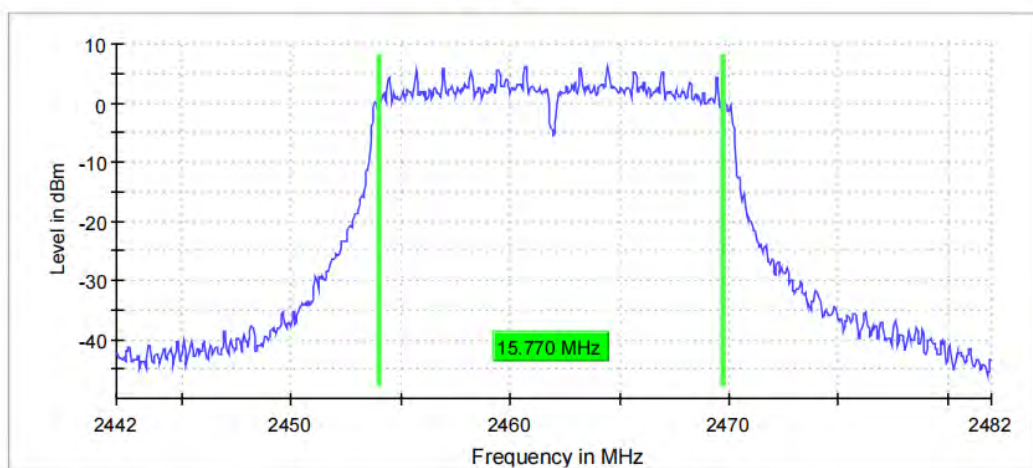
11G Ant6 2437

6 dB Bandwidth



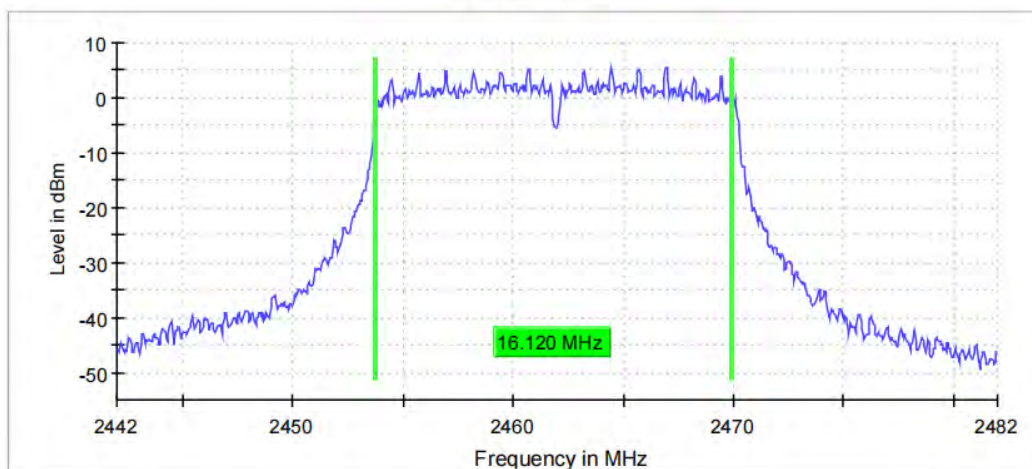
11G Ant5 2462

6 dB Bandwidth



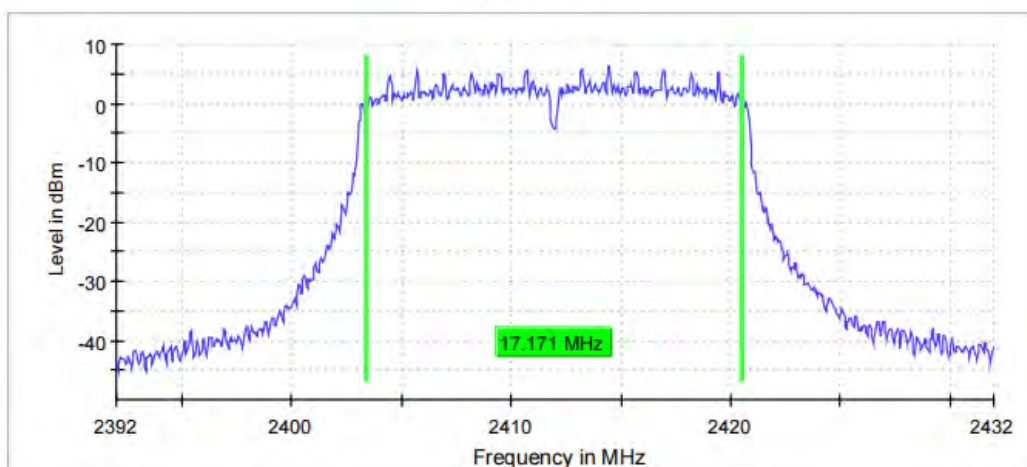
11G Ant6 2462

6 dB Bandwidth



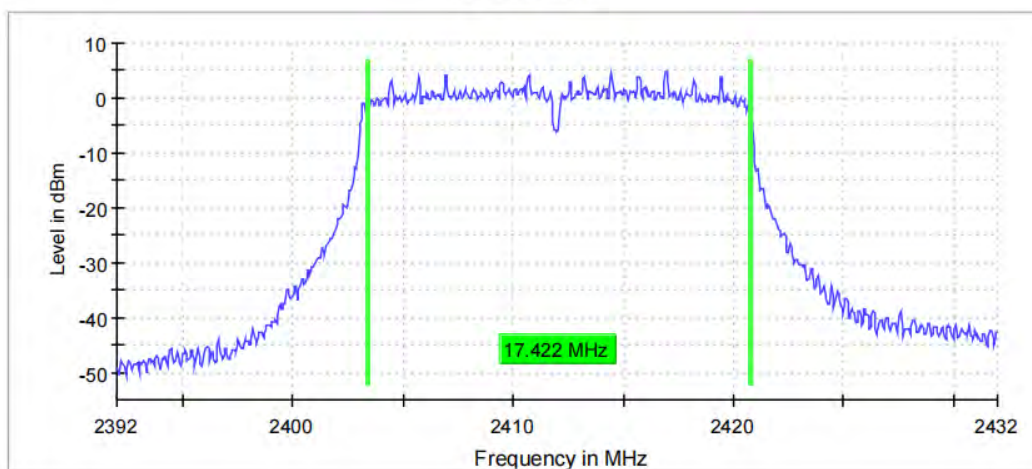
11N20_Ant5_2412

6 dB Bandwidth



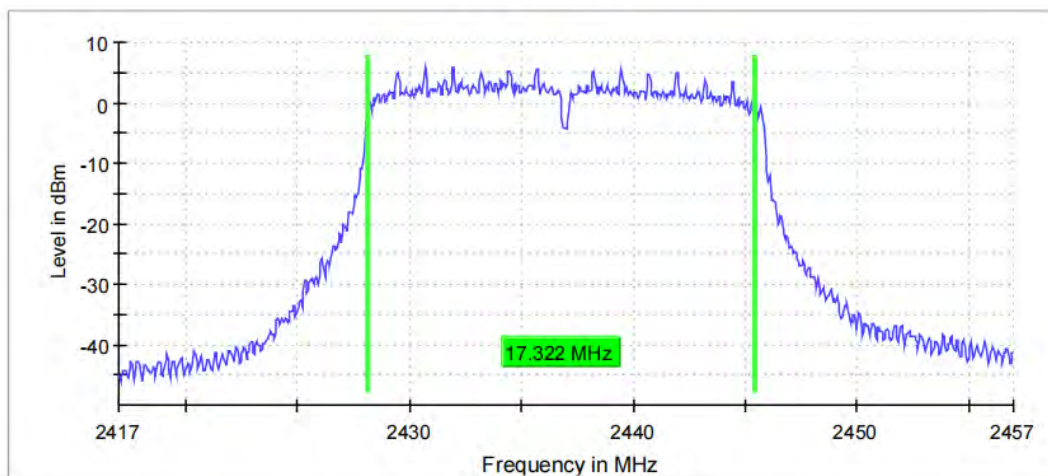
11N20_Ant6_2412

6 dB Bandwidth



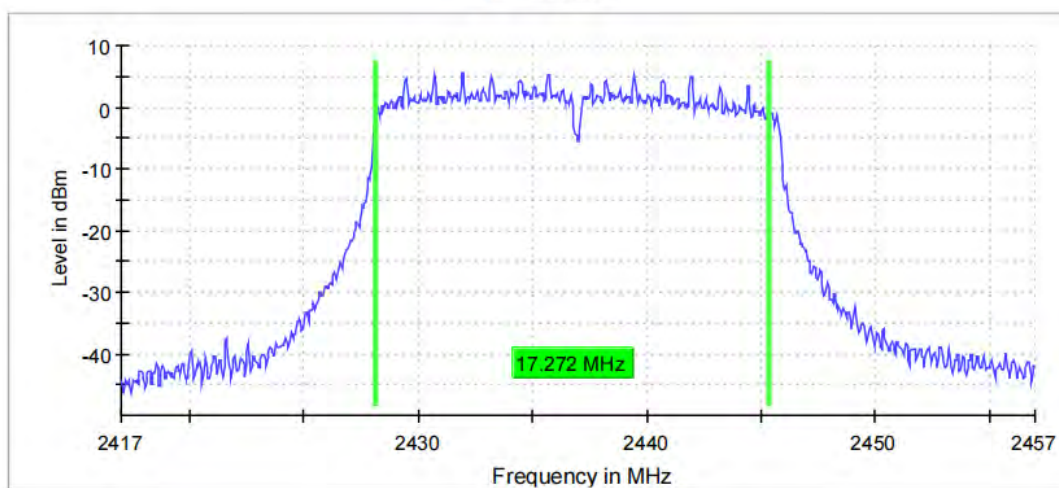
11N20_Ant5_2437

6 dB Bandwidth



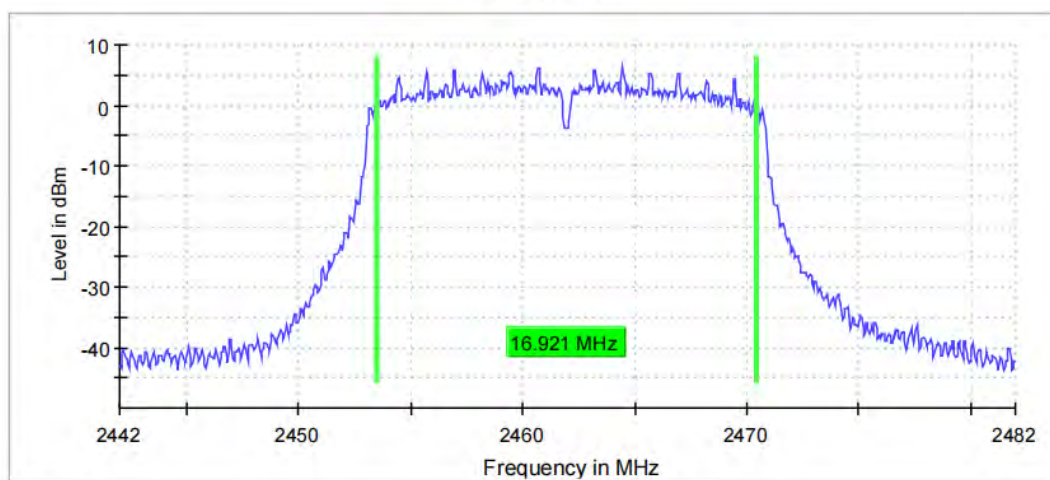
11N20_Ant6_2437

6 dB Bandwidth



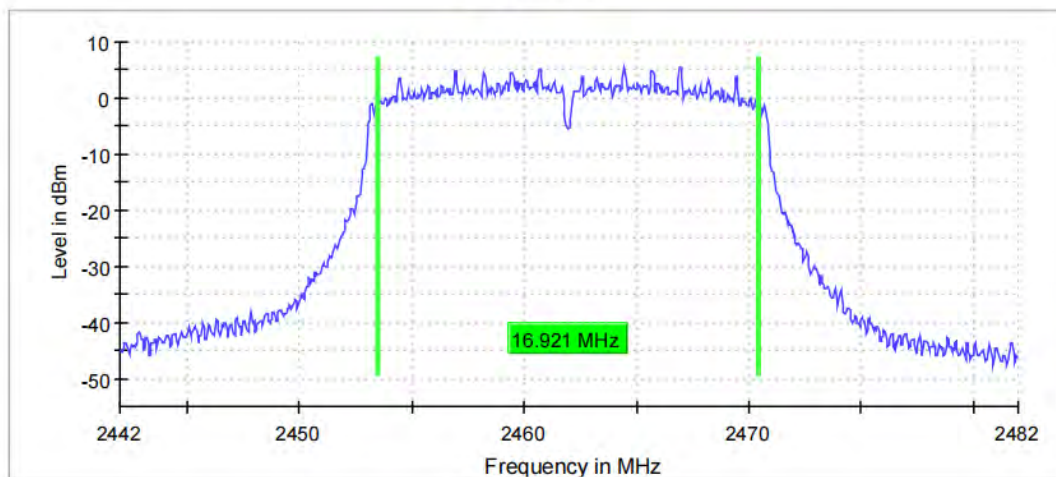
11N20_Ant5_2462

6 dB Bandwidth



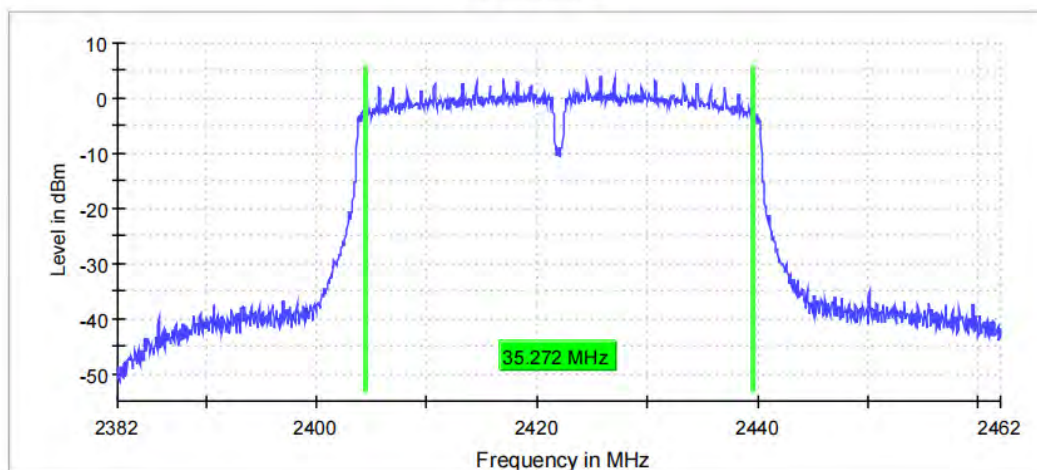
11N20_Ant6_2462

6 dB Bandwidth



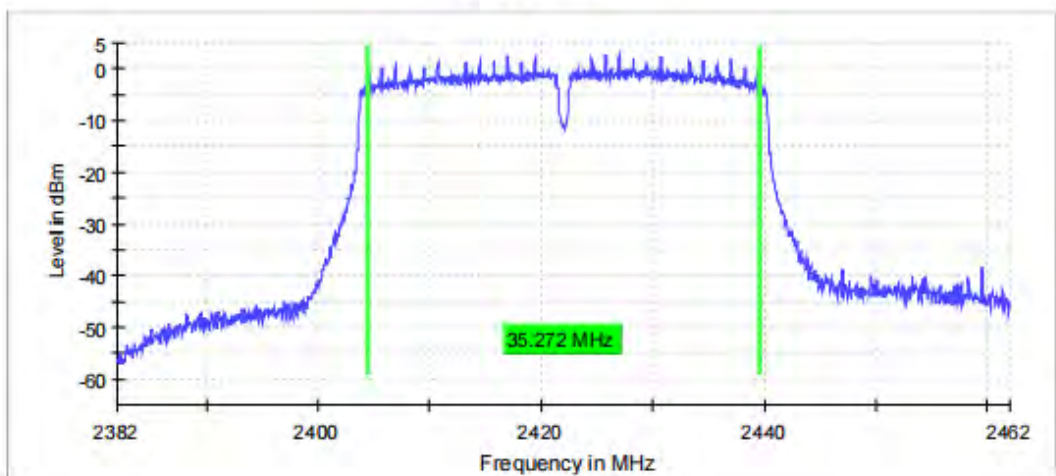
11N40_Ant5_2422

6 dB Bandwidth

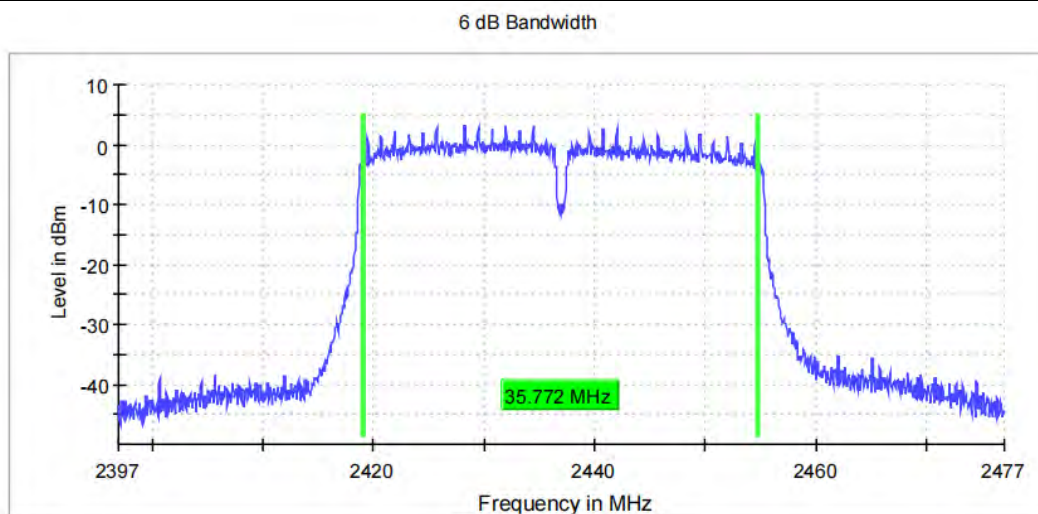


11N40_Ant6_2422

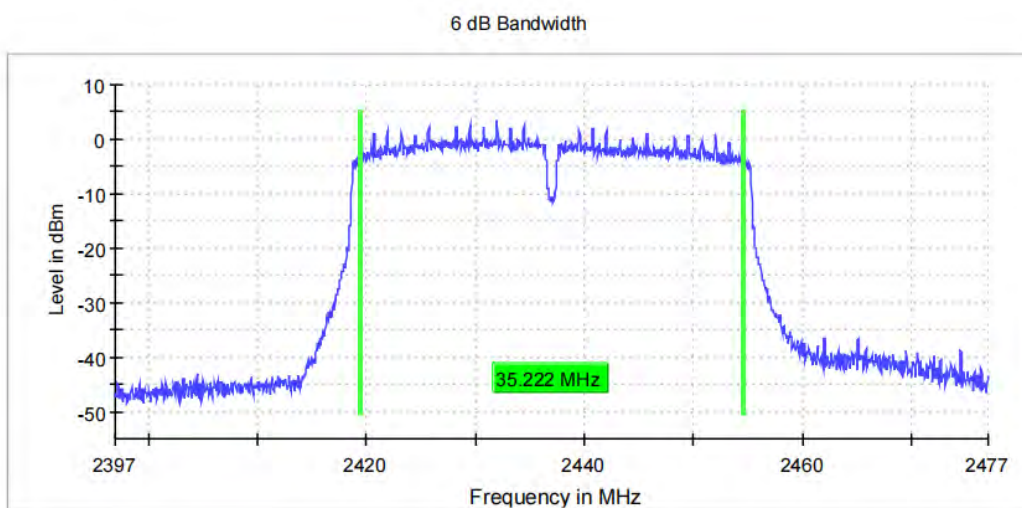
6 dB Bandwidth



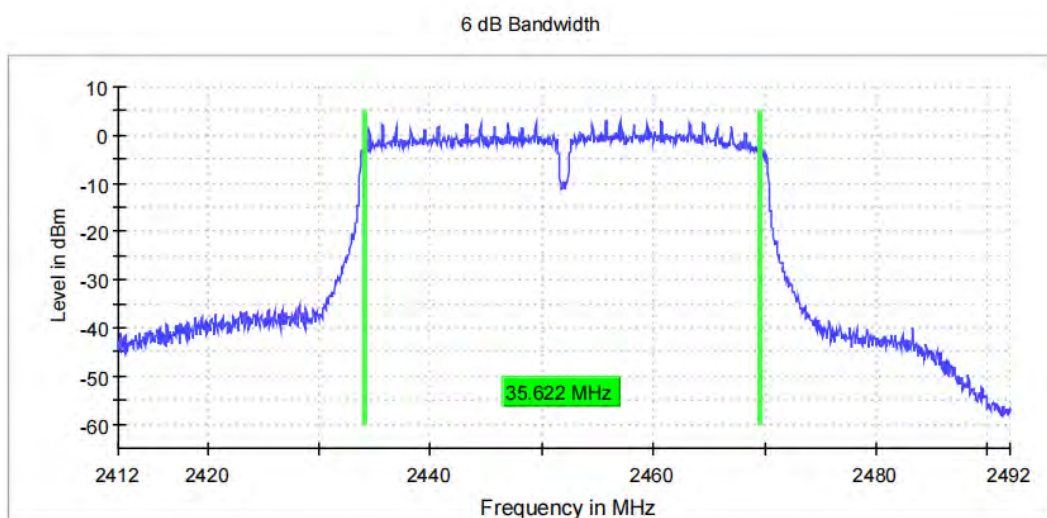
11N40_Ant5_2437



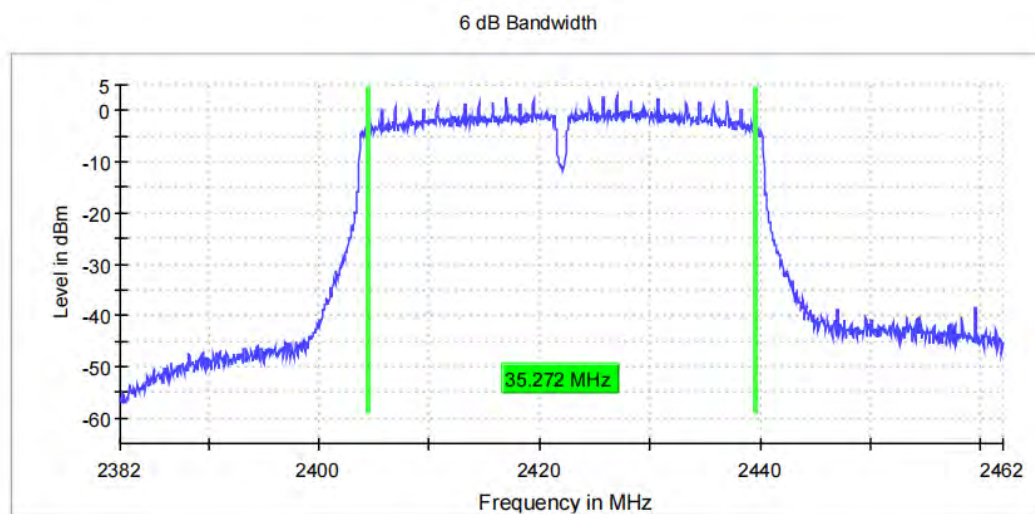
11N40_Ant6_2437



11N40_Ant5_2452



11N40_Ant6_2452



20M
RBW 100.000 kHz
VBW 300.000 kHz
40M
RBW 100.000 kHz
VBW 300.000 kHz

OCCUPIED CHANNEL BANDWIDTH

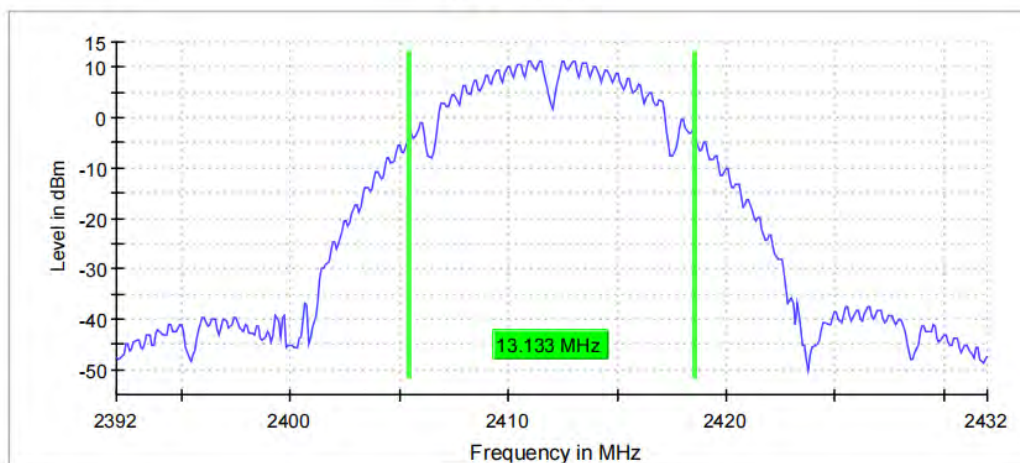
TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-MIMO	Ant5	2412	13.133	2405.434	2418.566	---	---
	Ant6	2412	13.133	2405.434	2418.566	---	---
	Ant5	2437	13.133	2430.333	2443.466	---	---
	Ant6	2437	13.033	2430.333	2443.366	---	---
	Ant5	2462	12.932	2455.534	2468.466	---	---
	Ant6	2462	12.932	2455.534	2468.466	---	---
11G-MIMO	Ant5	2412	16.341	2403.830	2420.170	---	---
	Ant6	2412	16.441	2403.729	2420.170	---	---
	Ant5	2437	16.441	2428.729	2445.170	---	---
	Ant6	2437	16.441	2428.729	2445.170	---	---
	Ant5	2462	16.341	2453.829	2470.170	---	---
	Ant6	2462	16.341	2453.830	2470.170	---	---
11N20-MIMO	Ant5	2412	17.544	2403.228	2420.772	---	---
	Ant6	2412	17.644	2403.128	2420.772	---	---
	Ant5	2437	17.644	2428.128	2445.772	---	---
	Ant6	2437	17.644	2428.128	2445.772	---	---
	Ant5	2462	17.544	2453.228	2470.772	---	---
	Ant6	2462	17.544	2453.228	2470.772	---	---
11N40-MIMO	Ant5	2422	36.113	2403.818	2439.931	---	---
	Ant6	2422	36.364	2403.818	2440.182	---	---
	Ant5	2437	36.364	2418.818	2455.182	---	---
	Ant6	2437	36.364	2418.818	2455.182	---	---
	Ant5	2452	36.113	2433.818	2469.931	---	---
	Ant6	2452	36.364	2433.818	2470.182	---	---

TEST GRAPHS

11B_Ant5_2412

99 % Bandwidth



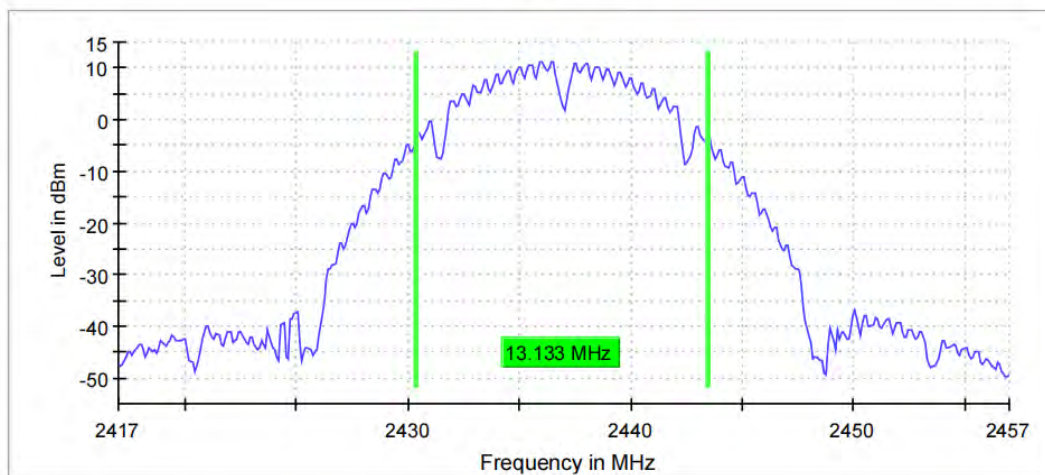
11B_Ant6_2412

99 % Bandwidth



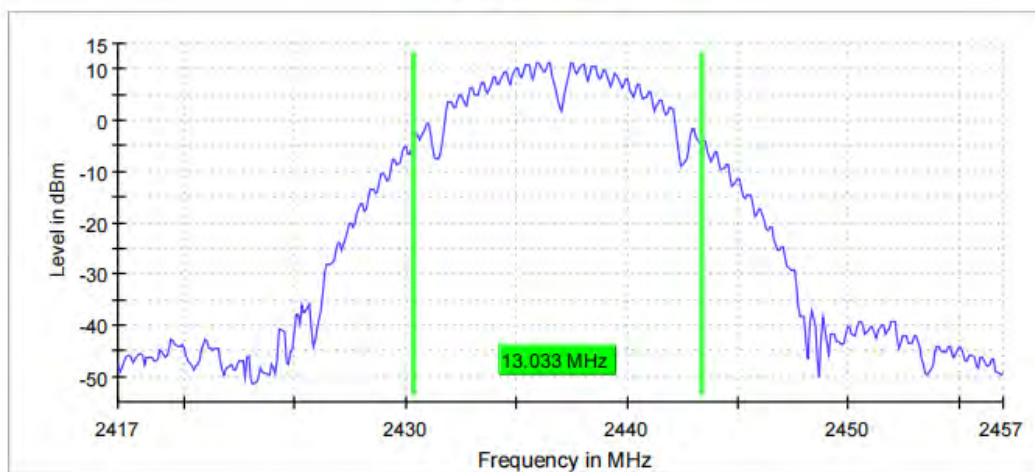
11B_Ant5_2437

99 % Bandwidth



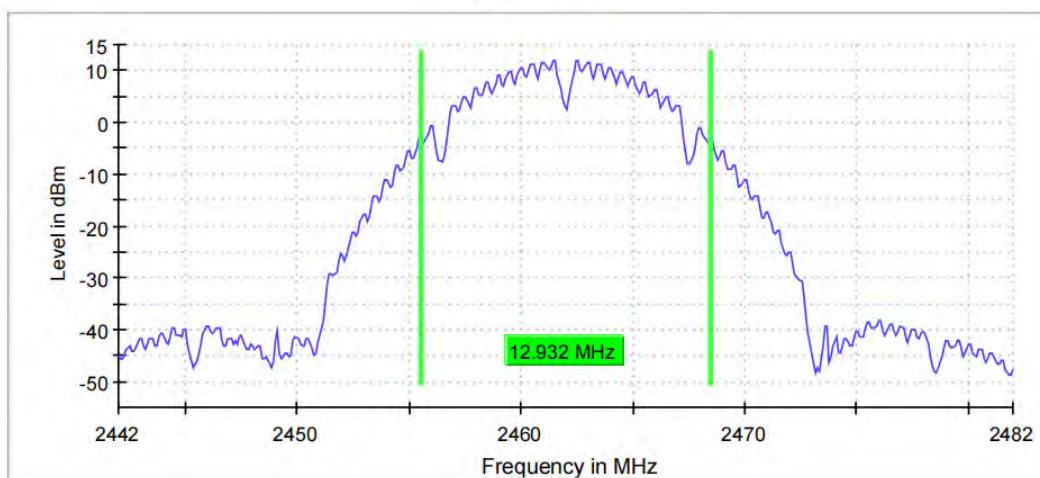
11B Ant6 2437

99 % Bandwidth

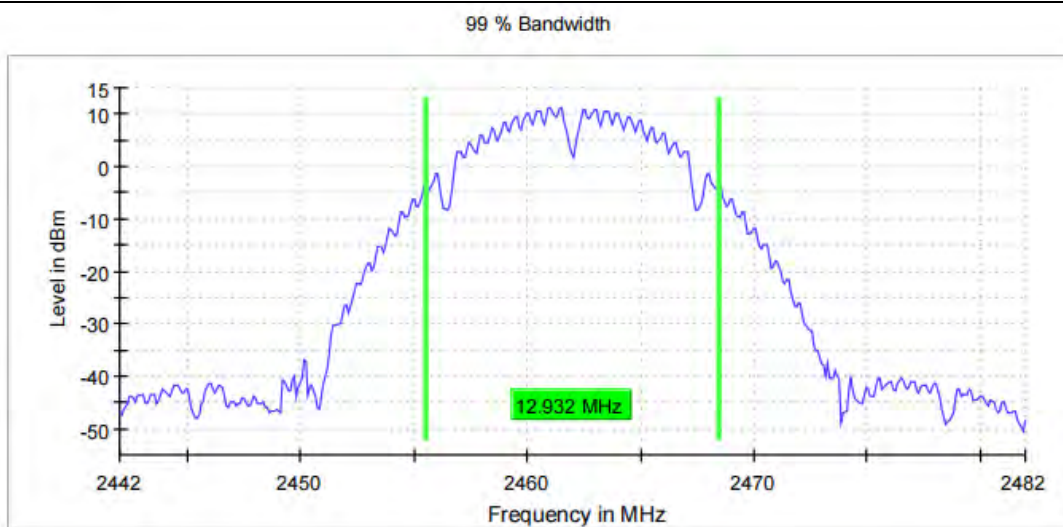


11B Ant5 2462

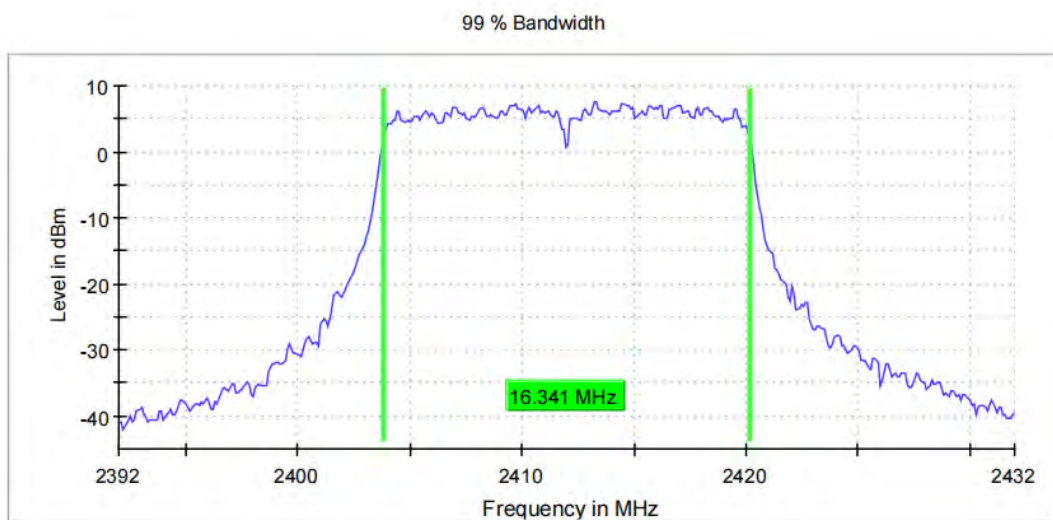
99 % Bandwidth



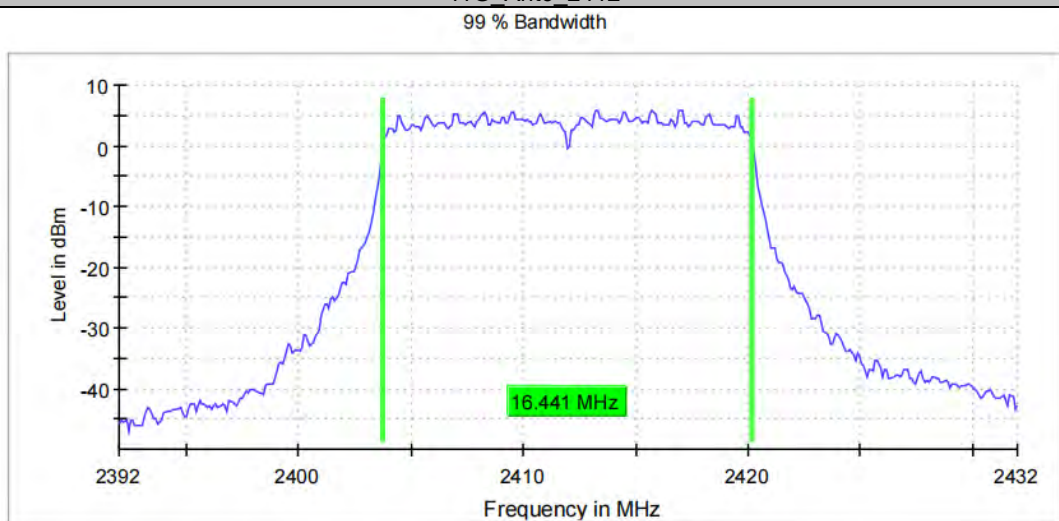
11B Ant6 2462



11G Ant5 2412

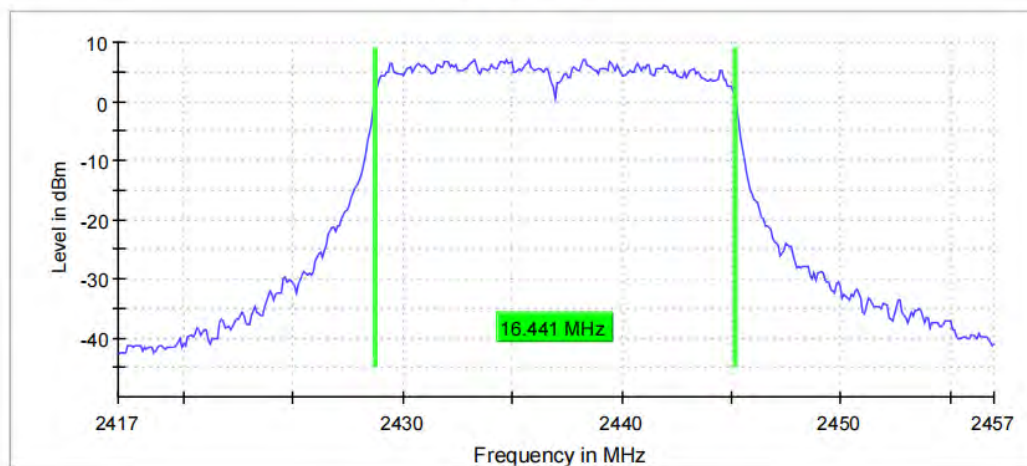


11G Ant6 2412



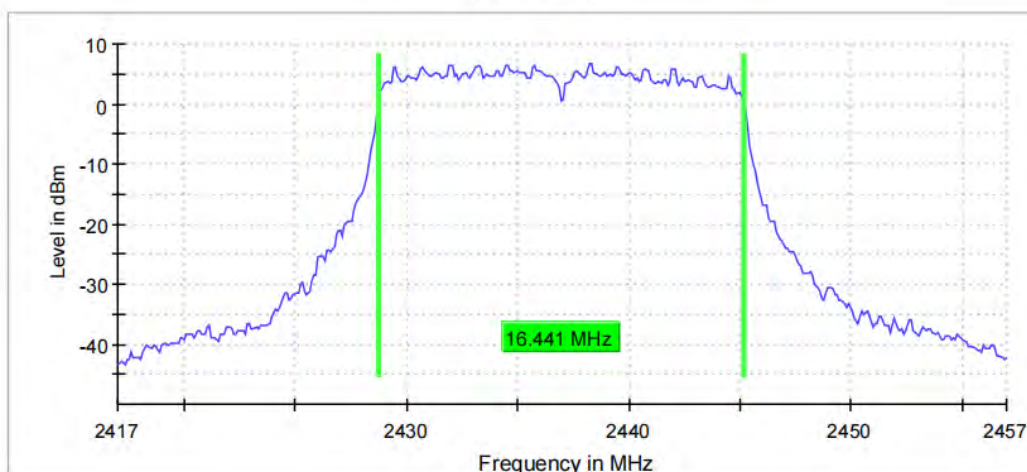
11G_Ant5_2437

99 % Bandwidth



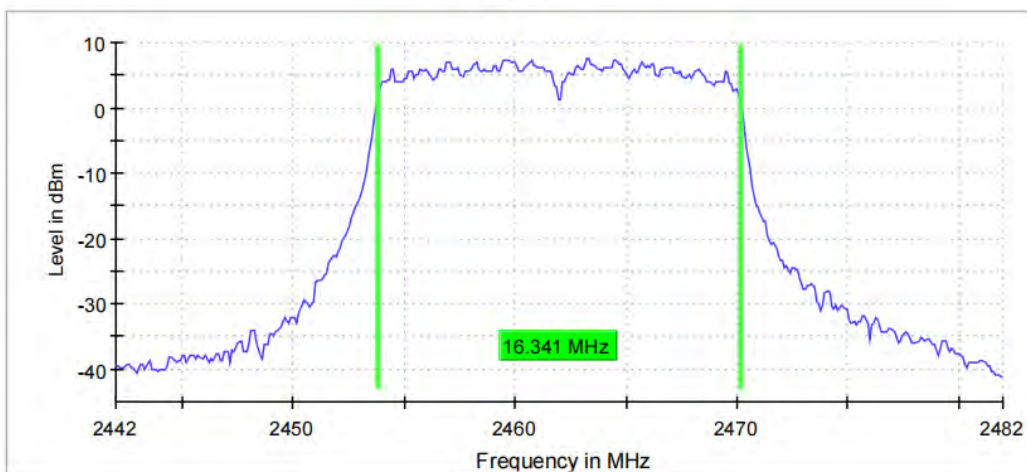
11G_Ant6_2437

99 % Bandwidth



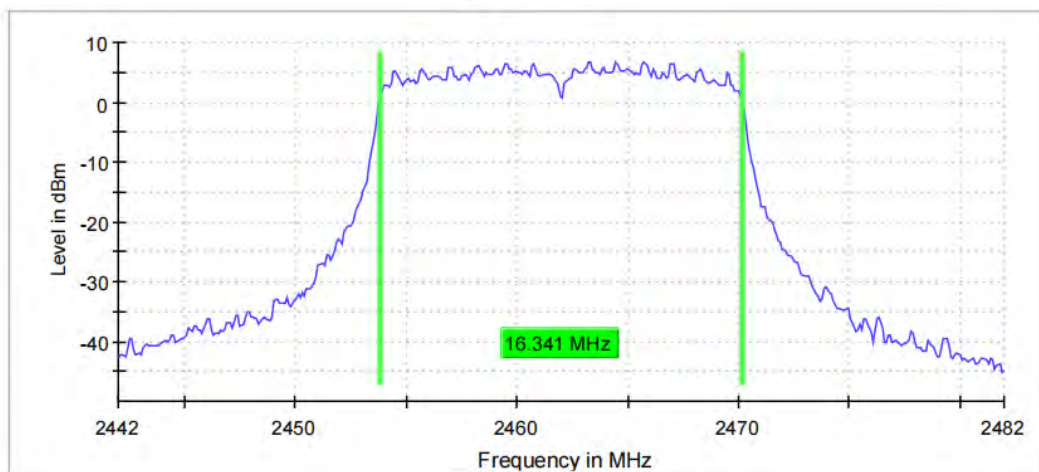
11G_Ant5_2462

99 % Bandwidth



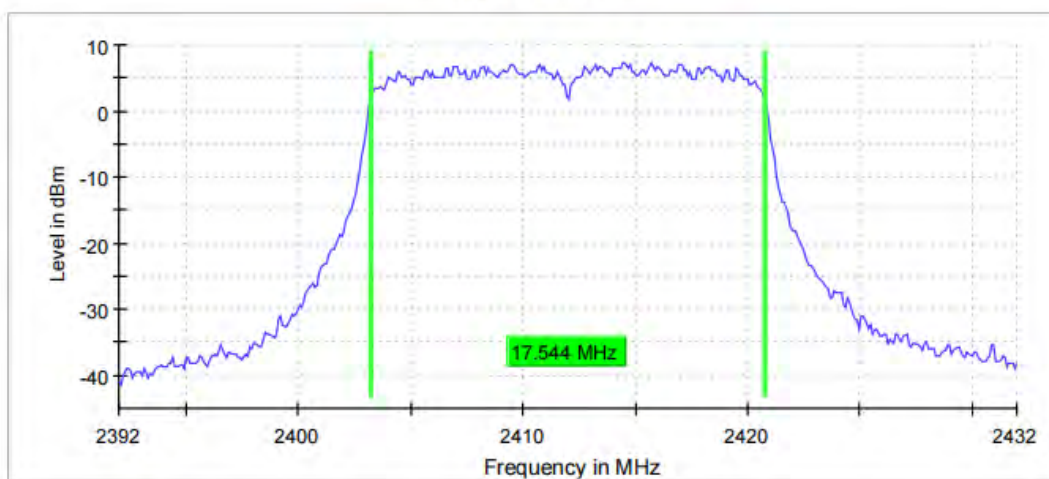
11G_Ant6_2462

99 % Bandwidth



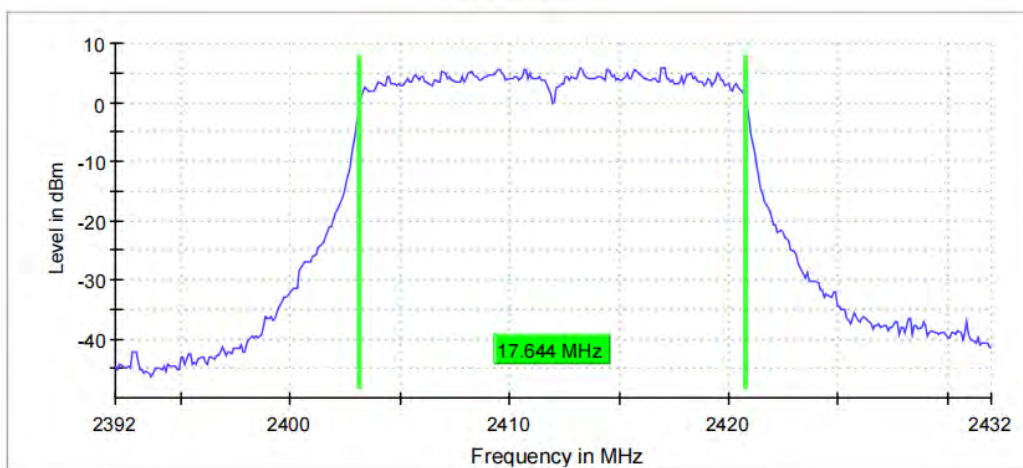
11N20_Ant5_2412

99 % Bandwidth



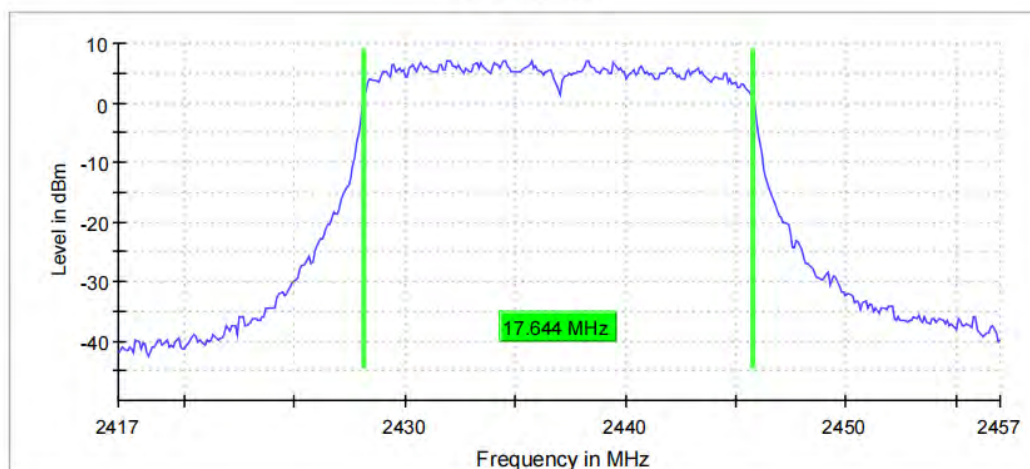
11N20_Ant6_2412

99 % Bandwidth



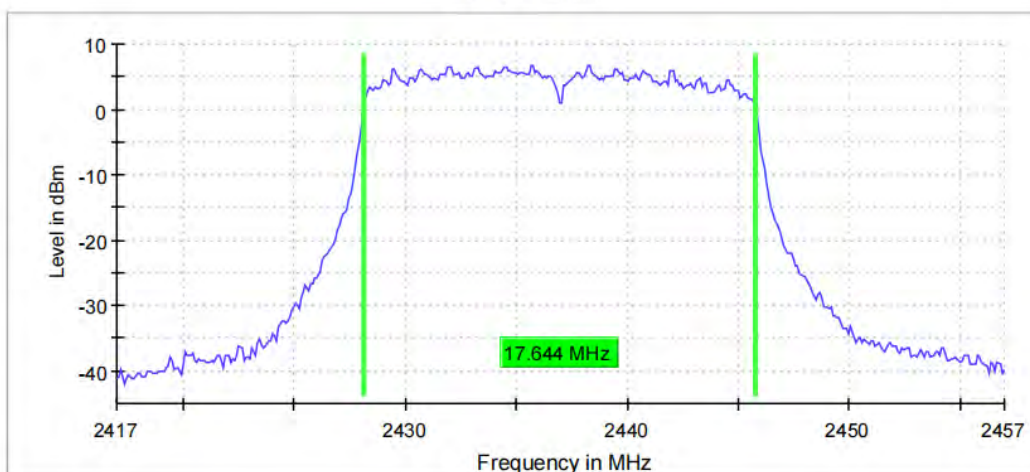
11N20_Ant5_2437

99 % Bandwidth



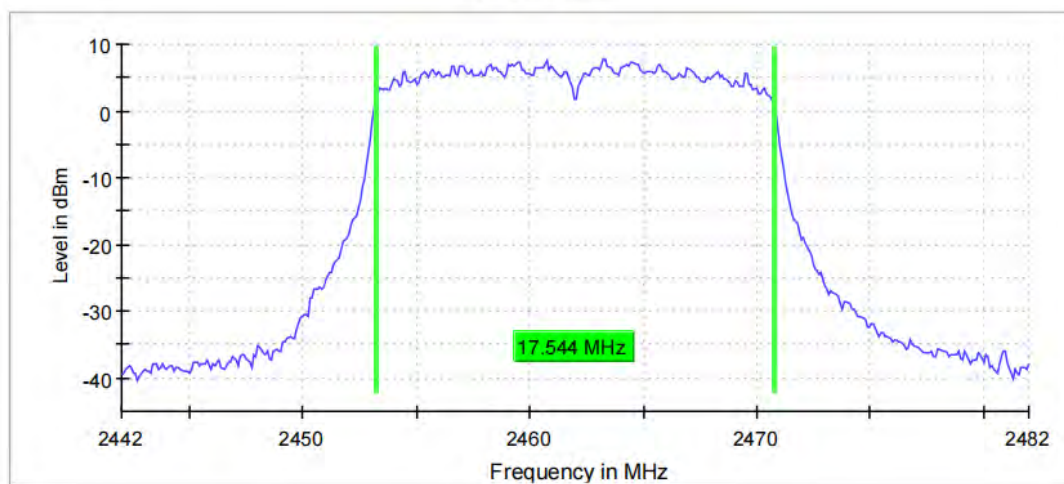
11N20_Ant6_2437

99 % Bandwidth



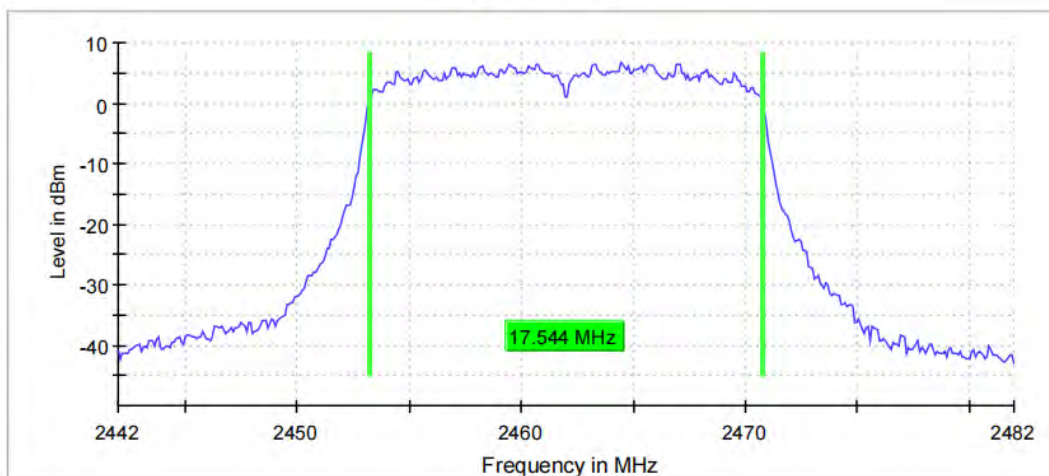
11N20_Ant5_2462

99 % Bandwidth



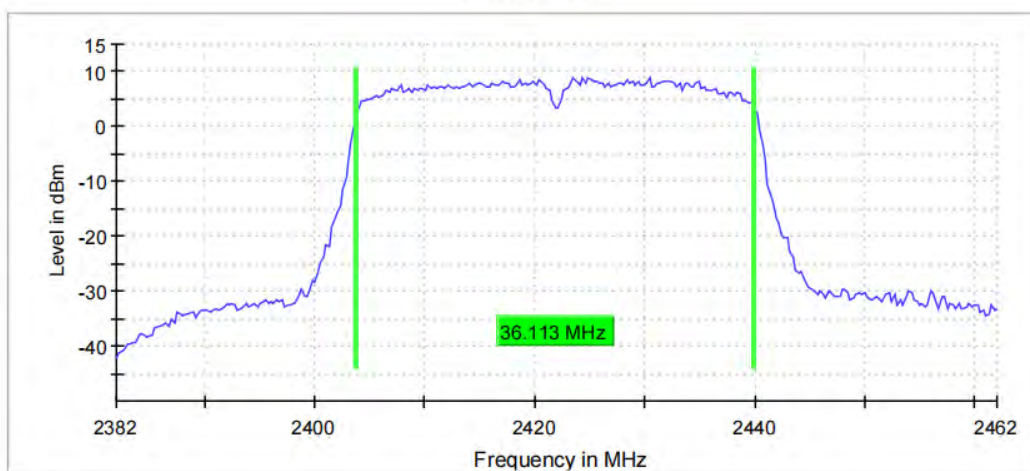
11N20_Ant6_2462

99 % Bandwidth



11N40_Ant5_2422

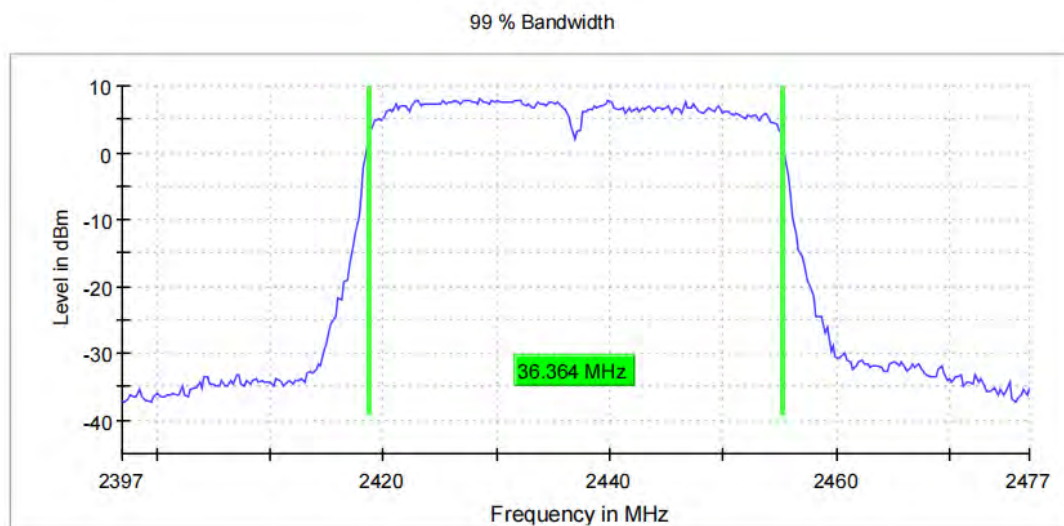
99 % Bandwidth



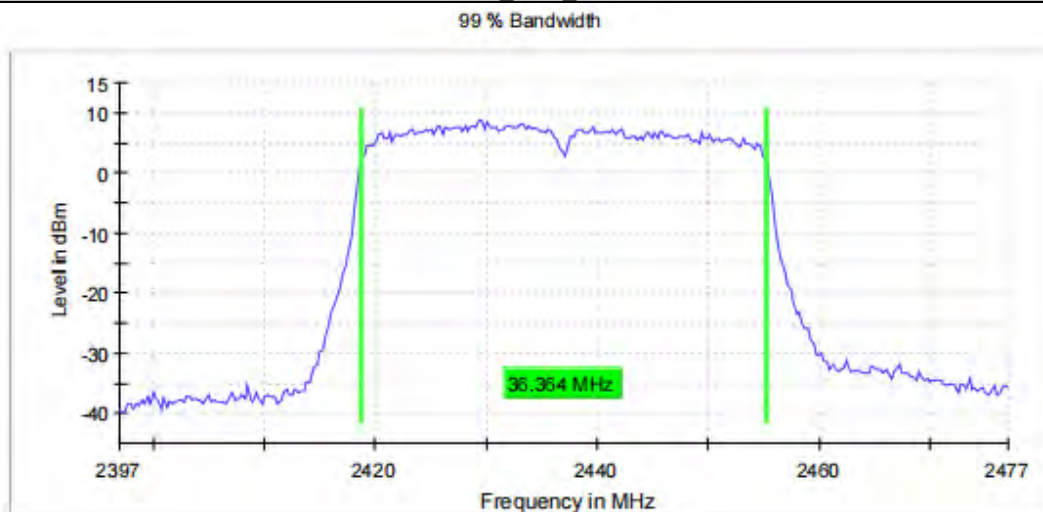
11N40_Ant6_2422



11N40_Ant5_2437

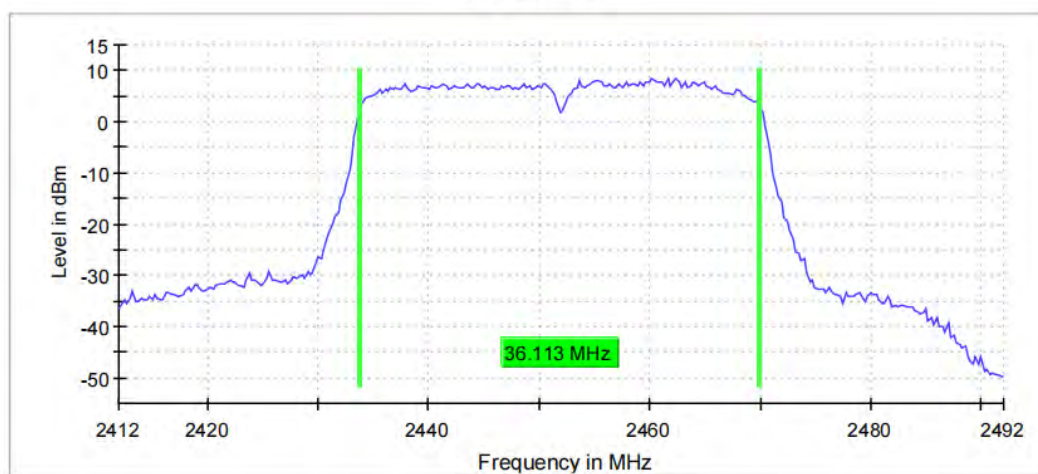


11N40_Ant6_2437



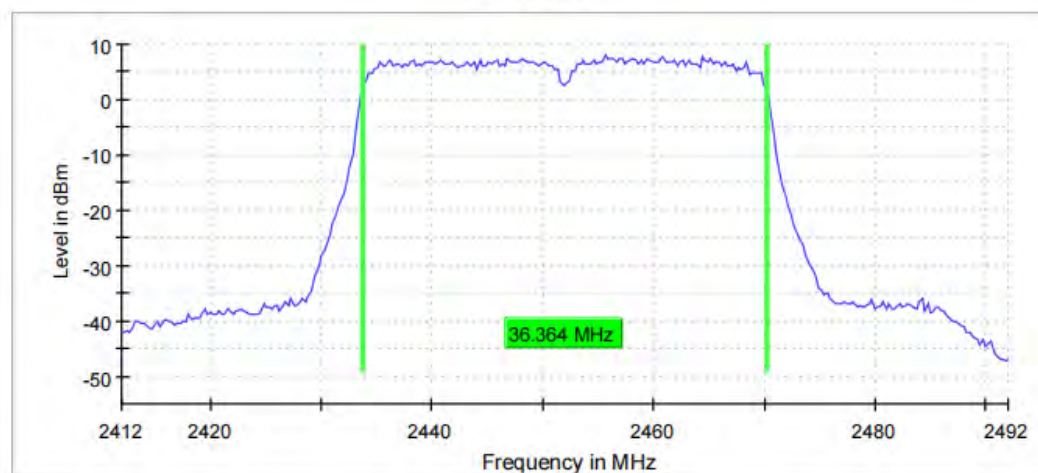
11N40_Ant5_2452

99 % Bandwidth



11N40_Ant6_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 PEAK

TestMode	TX Mod.	Frequency [MHz]	Peak power [dBm]			MAX Peak power [mw]	Limit [dBm]	Verdict	Power Setting ANT5	Power Setting ANT6
			Ant5	Ant6	Total					
11B	SISO	2412	21.30	16.25	-	134.96	≤30.00	PASS	default	17
		2437	21.38	16.13	-	137.53	≤30.00	PASS	default	17
		2462	22.37	17.37	-	172.54	≤30.00	PASS	default	17
	CDD	2437	20.91	19.95	23.46	222.07	≤30.00	PASS	default	default
		2437	21.05	21.05	24.06	254.50	≤30.00	PASS	default	default
		2437	21.97	21.60	24.80	302.12	≤30.00	PASS	default	default
11g	SISO	2412	21.46	16.29	-	139.89	≤30.00	PASS	default	17
		2437	21.58	17.56	-	143.88	≤30.00	PASS	default	17
		2462	22.56	18.47	-	180.22	≤30.00	PASS	default	17
	CDD	2437	21.14	20.05	23.64	231.18	≤30.00	PASS	default	default
		2437	21.09	21.28	24.20	262.83	≤30.00	PASS	default	default
		2437	22.16	21.66	24.92	310.80	≤30.00	PASS	default	default
11N20	SISO	2412	24.62	19.52	-	289.73	≤30.00	PASS	default	17
		2437	24.50	19.39	-	281.84	≤30.00	PASS	default	17
		2462	25.05	19.88	-	319.60	≤30.00	PASS	default	17
	MIMO	2437	24.49	23.27	26.93	493.17	≤30.00	PASS	default	default
		2437	24.51	24.25	27.39	548.19	≤30.00	PASS	default	default
		2437	25.28	24.50	27.92	618.98	≤30.00	PASS	default	default
11N40	SISO	2422	24.78	19.49	-	300.33	≤30.00	PASS	default	17
		2437	25.09	19.83	-	323.00	≤30.00	PASS	default	17
		2452	25.12	20.01	-	325.39	≤30.00	PASS	default	17
	MIMO	2422	24.73	24.22	27.49	561.07	≤30.00	PASS	default	default
		2437	24.93	24.26	27.62	577.86	≤30.00	PASS	default	default
		2452	25.07	24.37	27.74	594.82	≤30.00	PASS	default	default
11AC20	SISO	2412	24.64	19.37	-	290.87	≤30.00	PASS	default	17
		2437	24.66	19.51	-	292.42	≤30.00	PASS	default	17
		2462	25.39	20.15	-	346.02	≤30.00	PASS	default	17
	MIMO	2437	24.47	23.13	26.86	485.39	≤30.00	PASS	default	default
		2437	24.40	24.00	27.21	526.61	≤30.00	PASS	default	default
		2437	25.21	24.52	27.89	614.84	≤30.00	PASS	default	default
11AC40	SISO	2422	24.76	19.56	-	299.23	≤30.00	PASS	default	17
		2437	24.83	19.56	-	304.09	≤30.00	PASS	default	17
		2452	24.81	19.67	-	302.48	≤30.00	PASS	default	17
	MIMO	2422	24.59	24.21	27.41	550.74	≤30.00	PASS	default	default
		2437	24.60	24.23	27.43	553.19	≤30.00	PASS	default	default
		2452	24.81	24.15	27.50	562.83	≤30.00	PASS	default	default

TEST RESULT AVERAGE

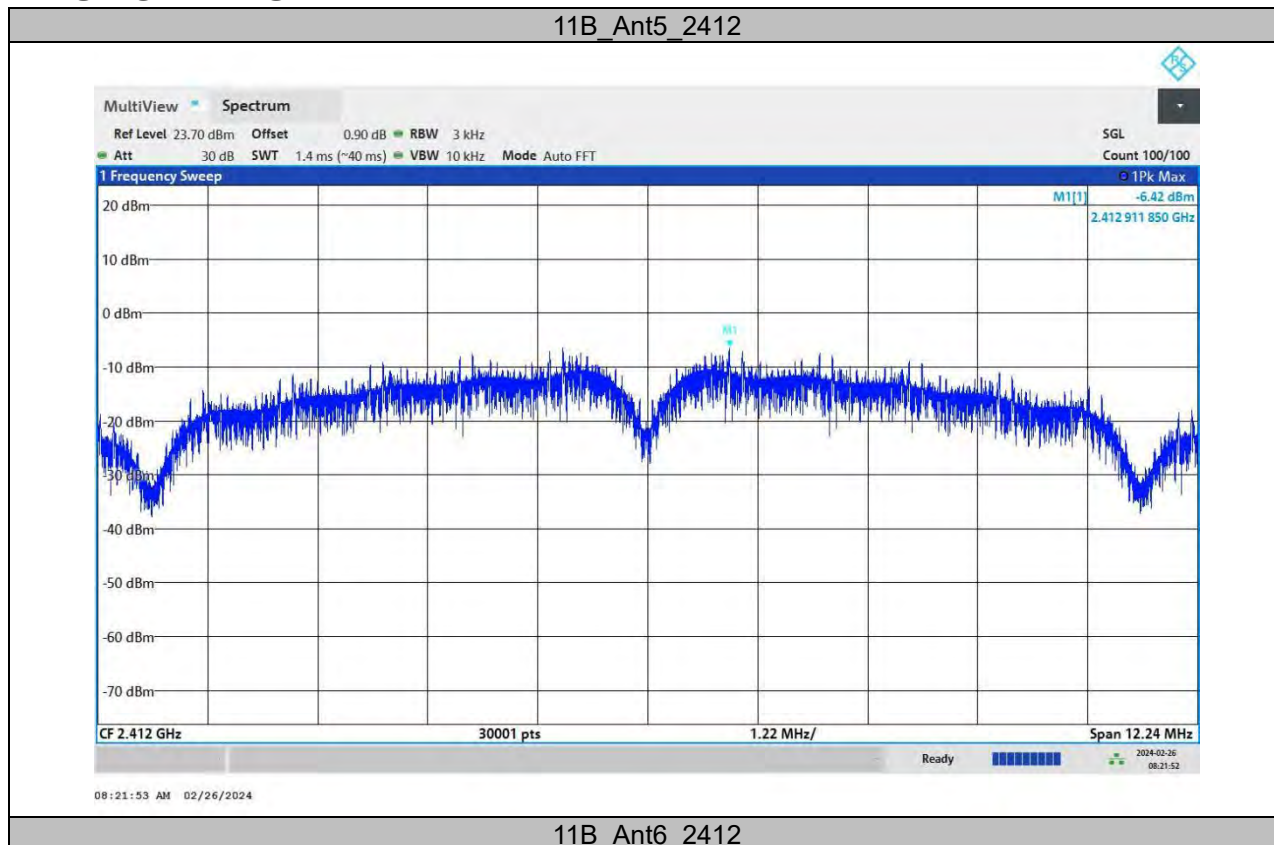
TestMode	TX Mod.	Freq. [MHz]	Avg.power [dBm]			Power Setting ANT5	Power Setting ANT6
			Ant5	Ant6	Total		
11B	SISO	2412	17.23	11.92	-	default	17
		2437	17.43	12.95	-	default	17
		2462	18.08	13.12	-	default	17
	CDD	2437	16.92	16.04	19.52	default	default
		2437	16.91	17.04	19.99	default	default
		2437	17.75	17.12	20.45	default	default
11g	SISO	2412	17.28	0.00	-	default	17
		2437	17.41	11.99	-	default	17
		2462	18.23	13.05	-	default	17
	CDD	2437	17.07	16.04	19.59	default	default
		2437	17.06	17.14	20.11	default	default
		2437	17.86	17.26	20.58	default	default
11N20	SISO	2412	15.43	0.00	-	default	17
		2437	15.25	9.74	-	default	17
		2462	15.77	10.83	-	default	17
	MIMO	2437	15.41	13.91	17.73	default	default
		2437	15.21	14.79	18.01	default	default
		2437	15.69	14.88	18.31	default	default
11N40	SISO	2422	15.76	19.49	-	default	17
		2437	15.42	19.83	-	default	17
		2452	15.52	20.01	-	default	17
	MIMO	2422	15.91	14.66	18.34	default	default
		2437	15.47	14.78	18.15	default	default
		2452	15.53	14.75	18.17	default	default
11AC20	SISO	2412	15.39	9.90	-	default	17
		2437	15.10	10.63	-	default	17
		2462	15.79	10.83	-	default	17
	MIMO	2437	15.38	13.89	17.71	default	default
		2437	15.18	14.72	17.97	default	default
		2437	15.65	14.86	18.28	default	default
11AC40	SISO	2422	15.88	10.52	-	default	17
		2437	15.53	10.62	-	default	17
		2452	15.56	10.71	-	default	17
	MIMO	2422	15.87	14.58	18.28	default	default
		2437	15.45	14.76	18.13	default	default
		2452	15.50	14.73	18.14	default	default

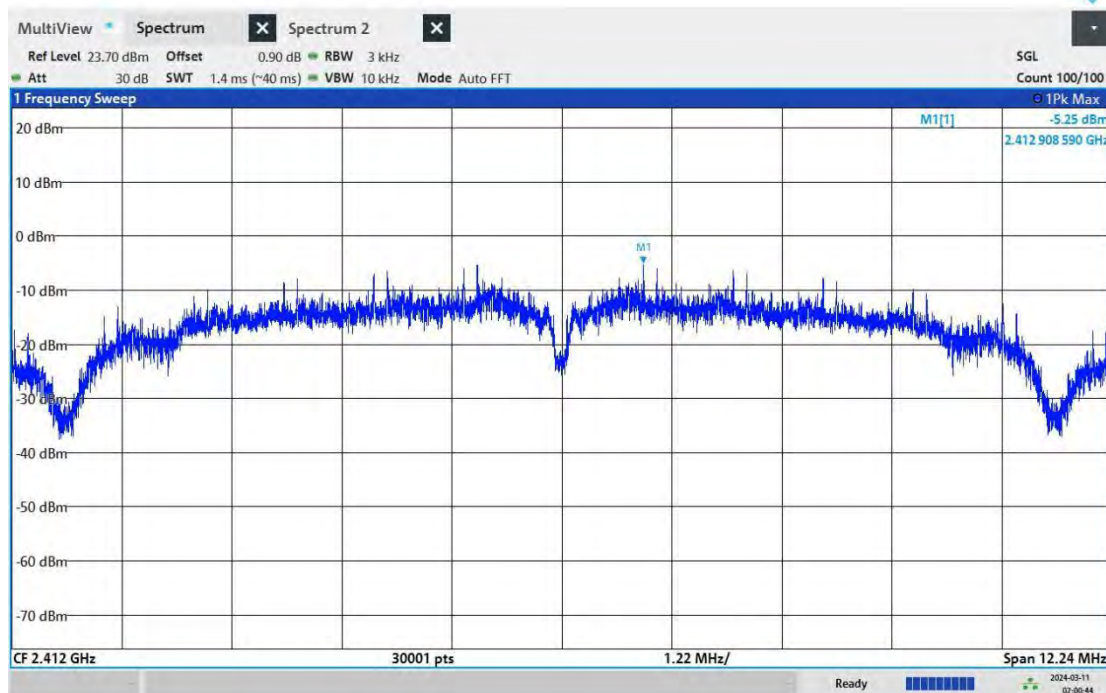
MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

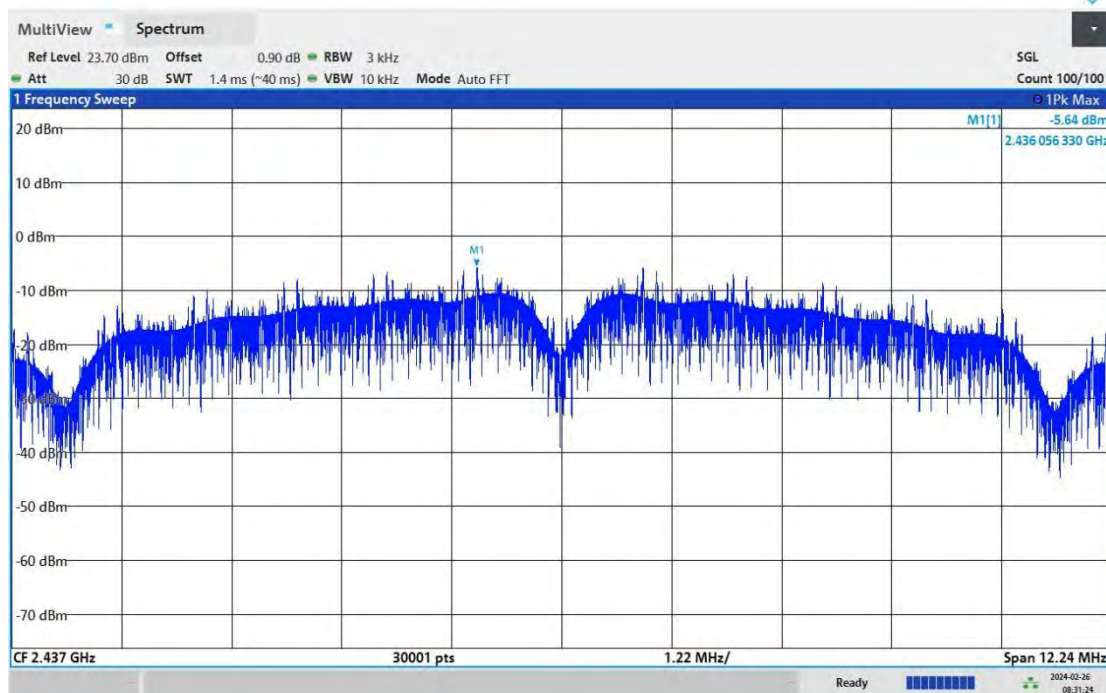
TestMode	Antenna	Frequency[MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B-MIMO	Ant5	2412	-6.42	≤8.00	PASS
	Ant6	2412	-5.25	≤8.00	PASS
	total	2412	-2.79	≤8.00	PASS
	Ant5	2437	-5.64	≤8.00	PASS
	Ant6	2437	-5.25	≤8.00	PASS
	total	2437	-2.43	≤8.00	PASS
	Ant5	2462	-5.06	≤8.00	PASS
	Ant6	2462	-4.98	≤8.00	PASS
	total	2462	-2.01	≤8.00	PASS
11G-MIMO	Ant5	2412	-9.78	≤8.00	PASS
	Ant6	2412	-11.76	≤8.00	PASS
	total	2412	-7.65	≤8.00	PASS
	Ant5	2437	-10.38	≤8.00	PASS
	Ant6	2437	-8.56	≤8.00	PASS
	total	2437	-6.37	≤8.00	PASS
	Ant5	2462	-10.07	≤8.00	PASS
	Ant6	2462	-8.65	≤8.00	PASS
	total	2462	-6.29	≤8.00	PASS
11N20-MIMO	Ant5	2412	-9.44	≤8.00	PASS
	Ant6	2412	-9.59	≤8.00	PASS
	total	2412	-6.50	≤8.00	PASS
	Ant5	2437	-10.02	≤8.00	PASS
	Ant6	2437	-9.27	≤8.00	PASS
	total	2437	-6.62	≤8.00	PASS
	Ant5	2462	-9.18	≤8.00	PASS
	Ant6	2462	-9.27	≤8.00	PASS
	total	2462	-6.21	≤8.00	PASS
11N40-MIMO	Ant5	2422	-12.17	≤8.00	PASS
	Ant6	2422	-9.27	≤8.00	PASS
	total	2422	-7.47	≤8.00	PASS
	Ant5	2437	-12.69	≤8.00	PASS
	Ant6	2437	-9.27	≤8.00	PASS
	total	2437	-7.64	≤8.00	PASS
	Ant5	2452	-12.17	≤8.00	PASS
	Ant6	2452	-13.26	≤8.00	PASS
	total	2452	-9.67	≤8.00	PASS

TEST GRAPHS





11B Ant5_2437

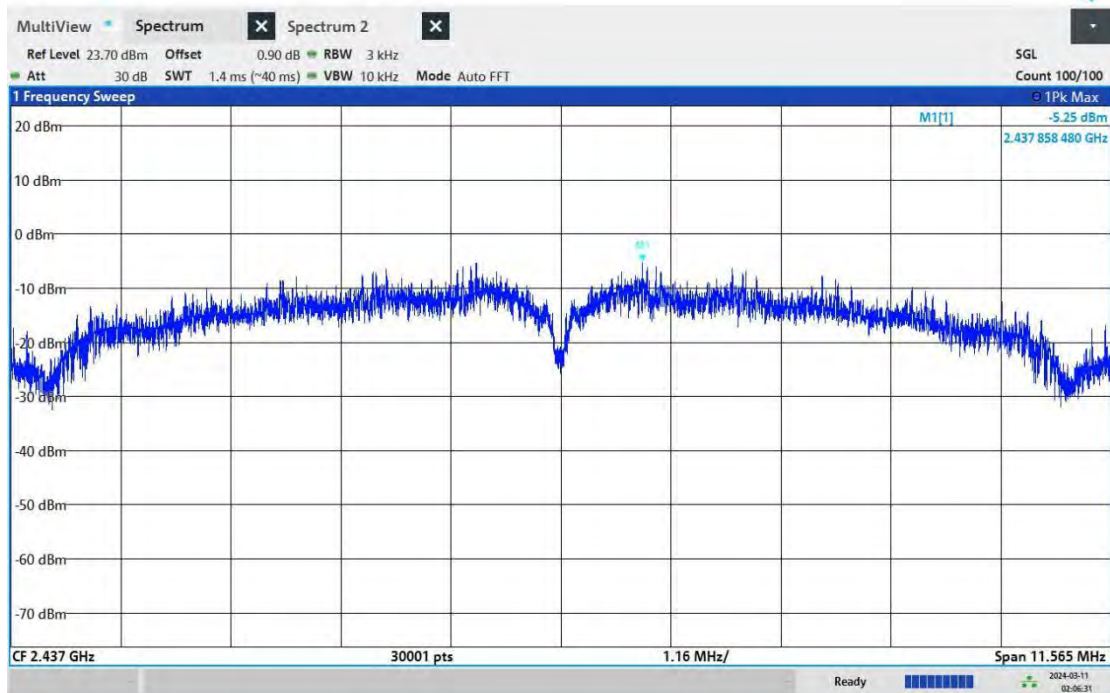


11B Ant6_2437

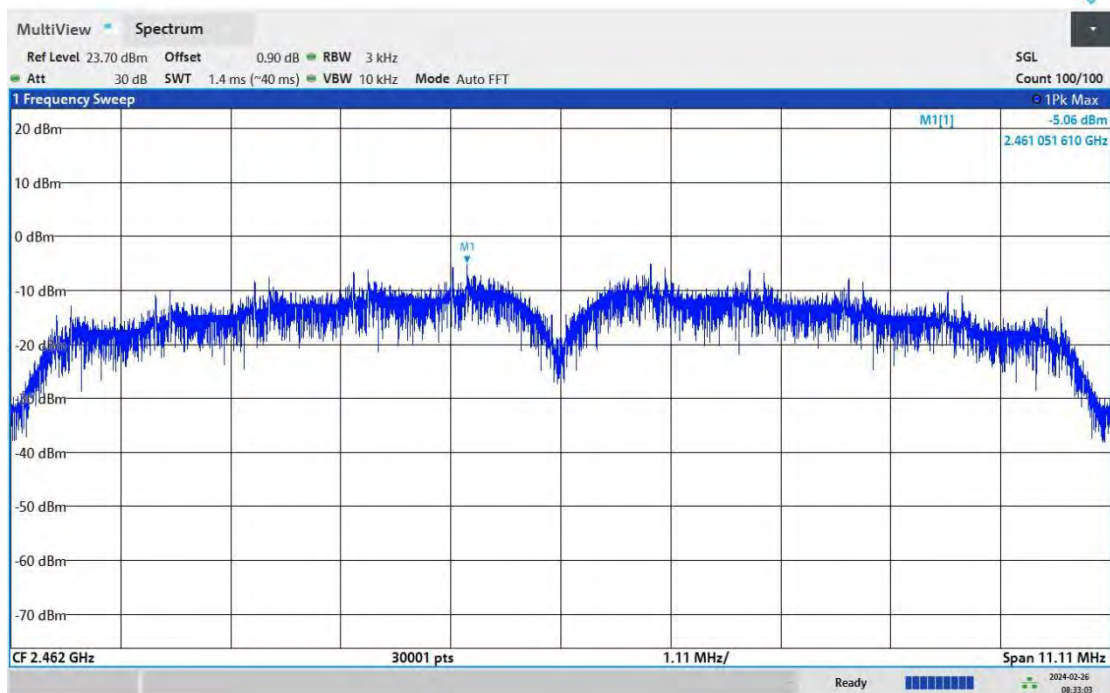


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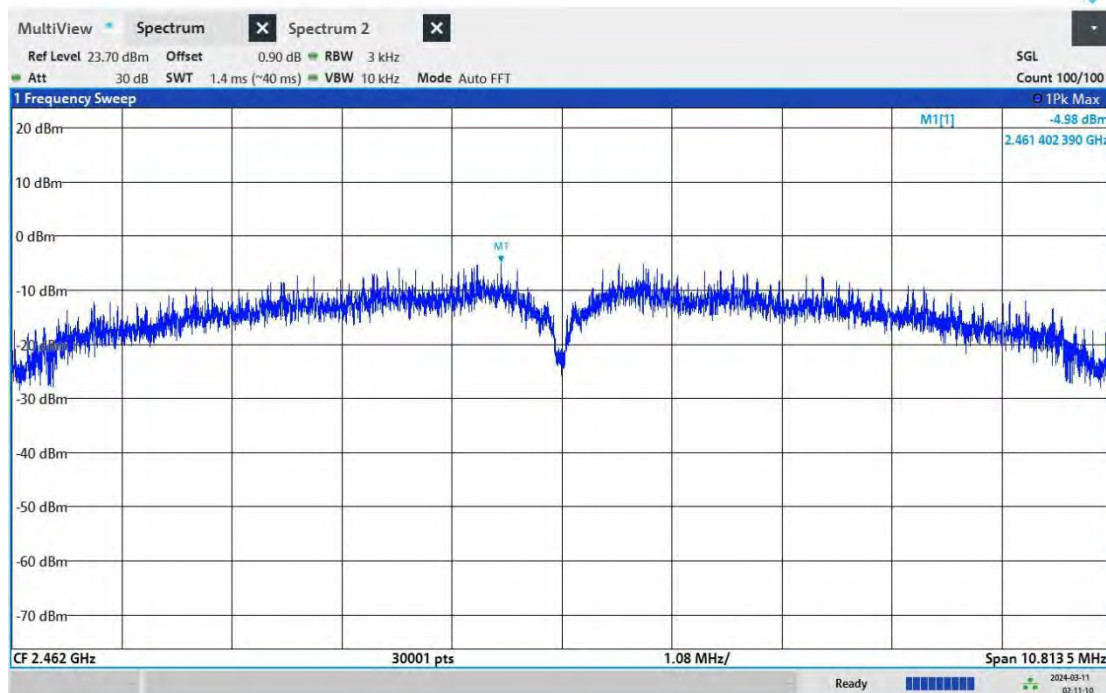
Reference No.: PSU-QSU2312140113RF10



11B_Ant5_2462

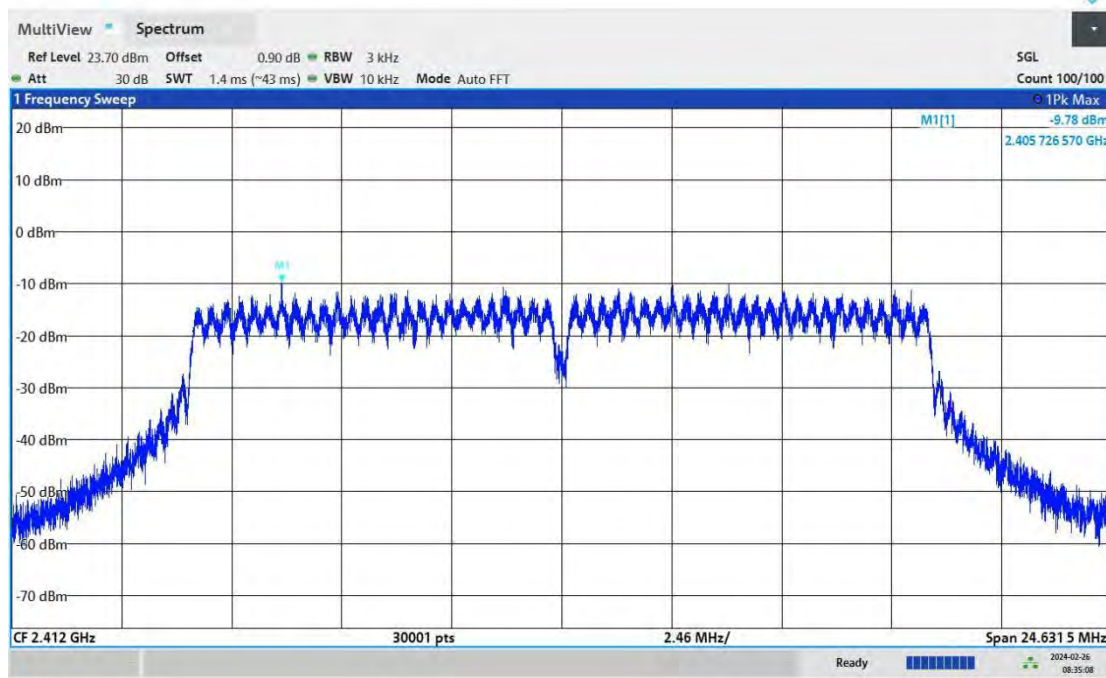


11B_Ant6_2462



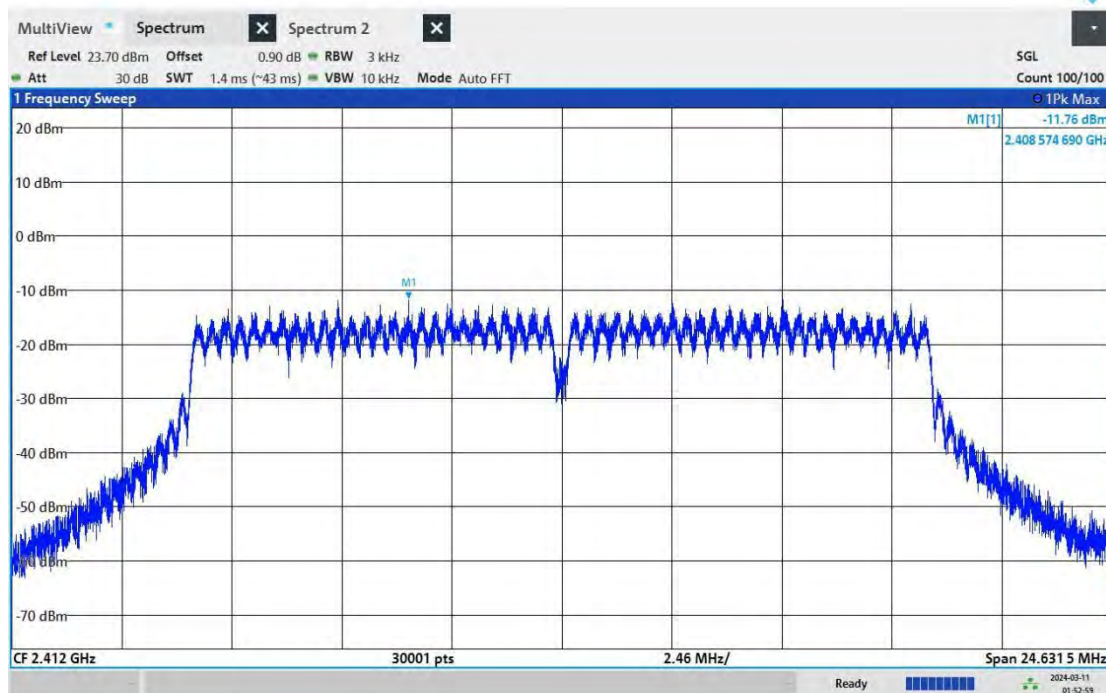
02:11:10 AM 03/11/2024

11G Ant5_2412



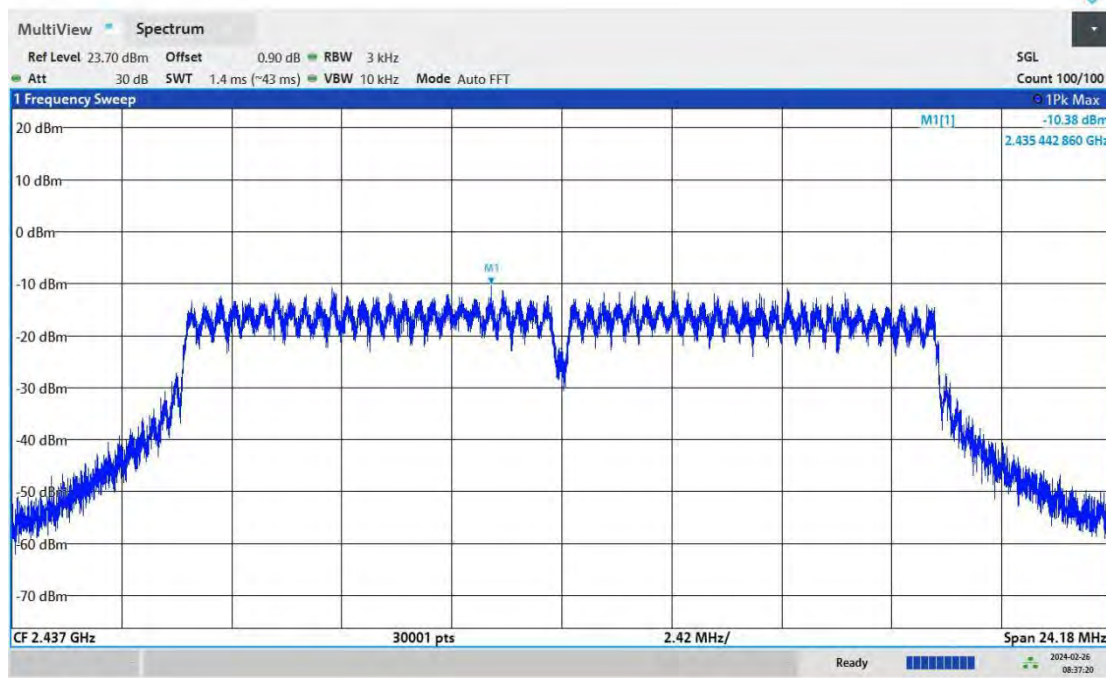
08:35:09 AM 02/26/2024

11G Ant6_2412



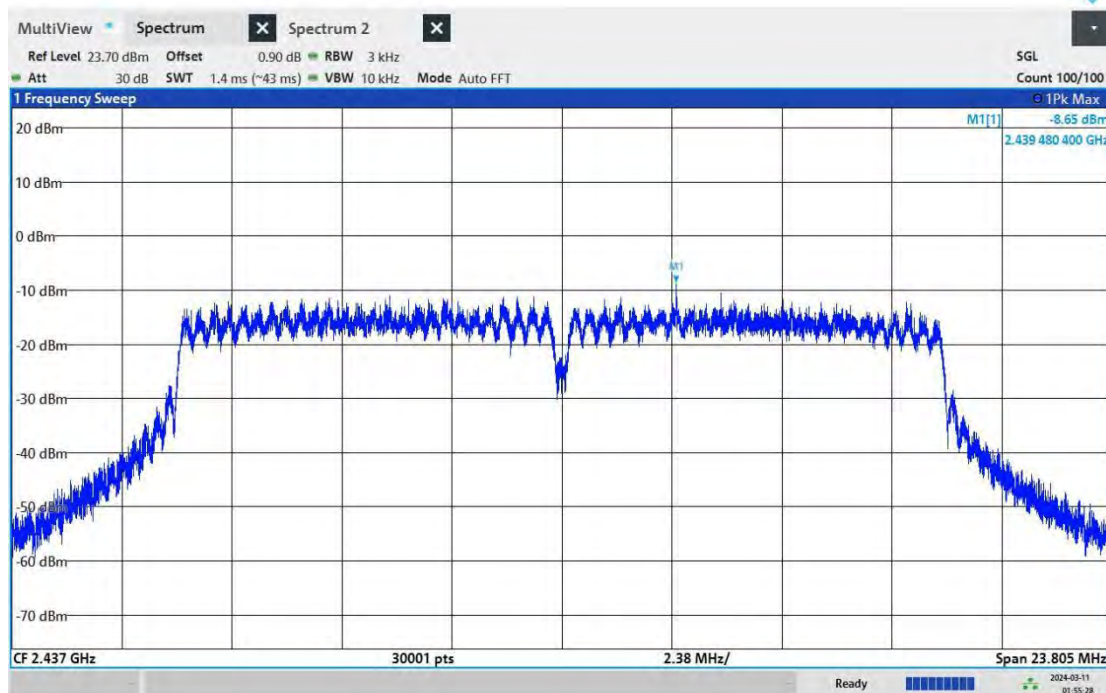
01:53:00 AM 03/11/2024

11G Ant5_2437

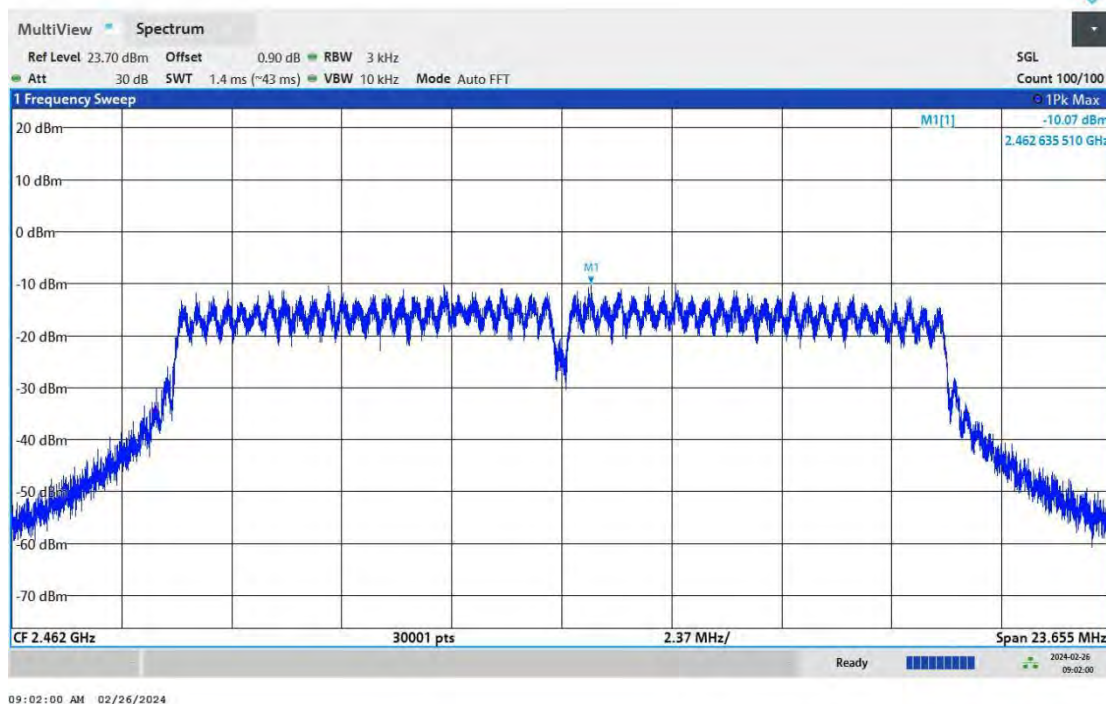


08:37:21 AM 02/26/2024

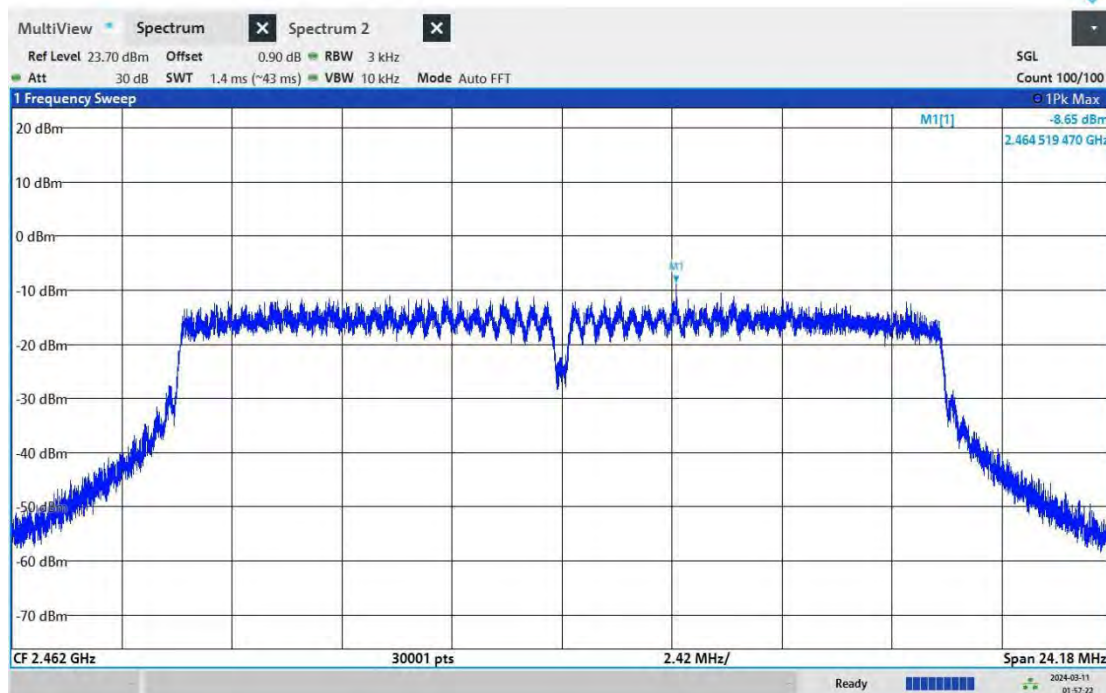
11G Ant6_2437



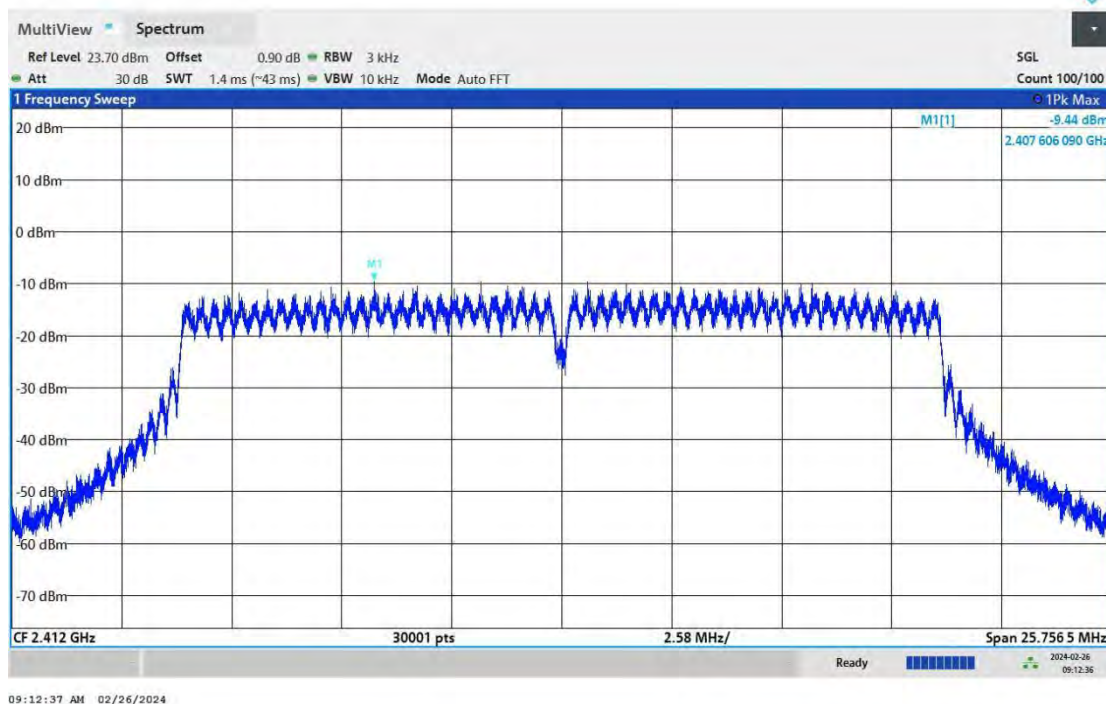
11G Ant5_2462



11G Ant6_2462



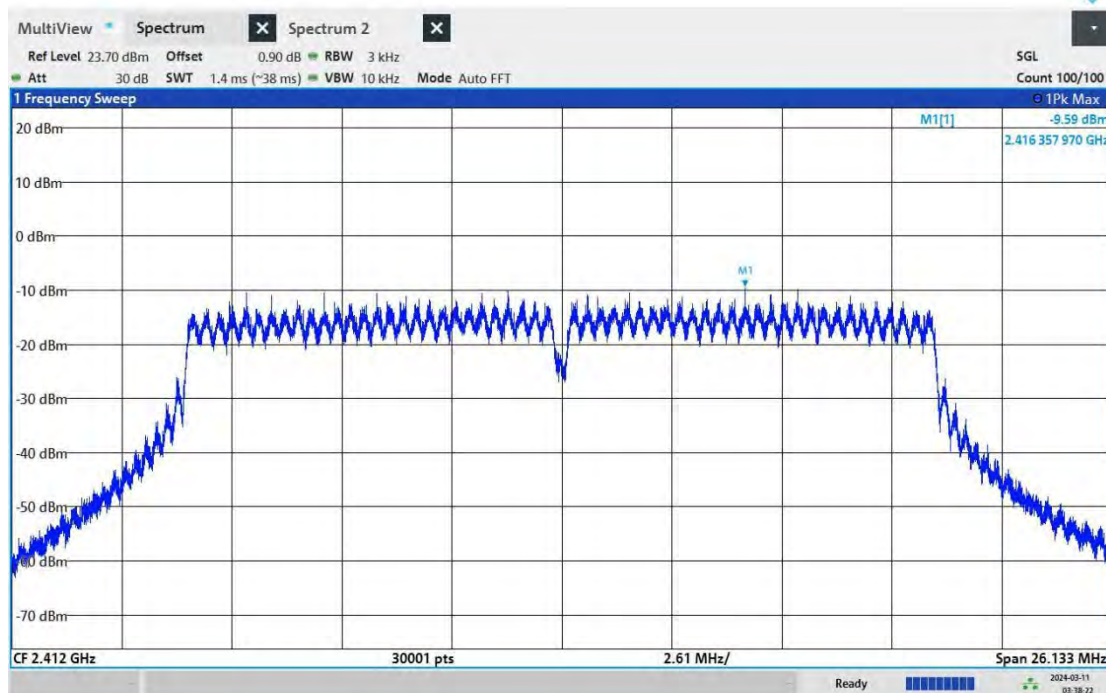
11N20_Ant5_2412



11N20_Ant6_2412

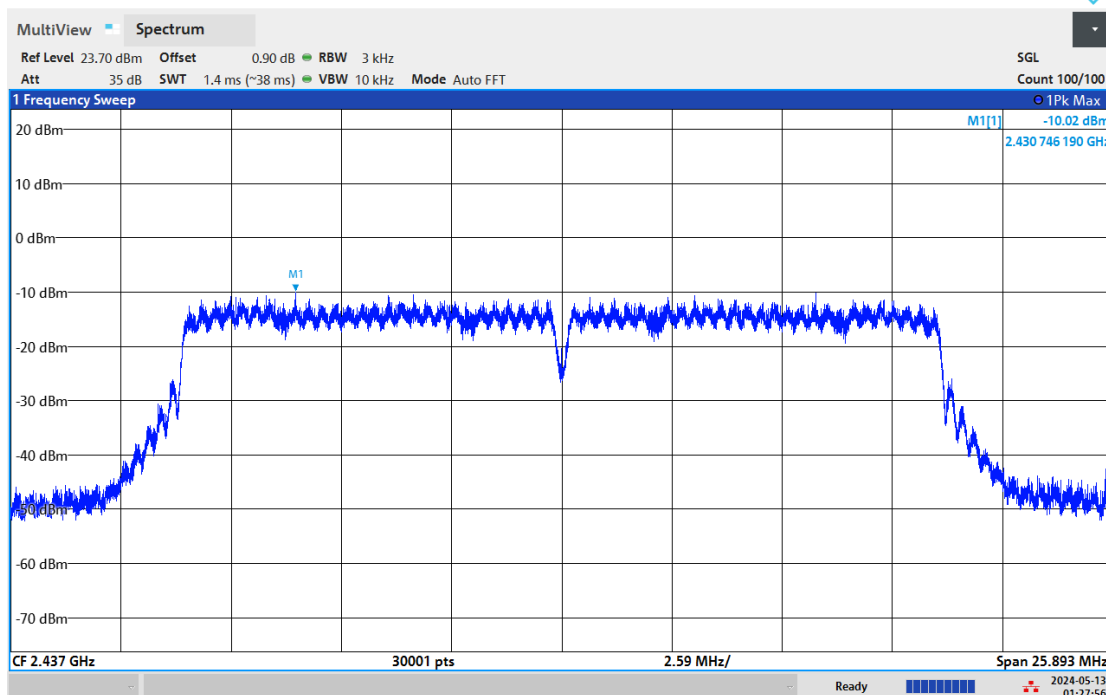


Reference No.: PSU-QSU2312140113RF10



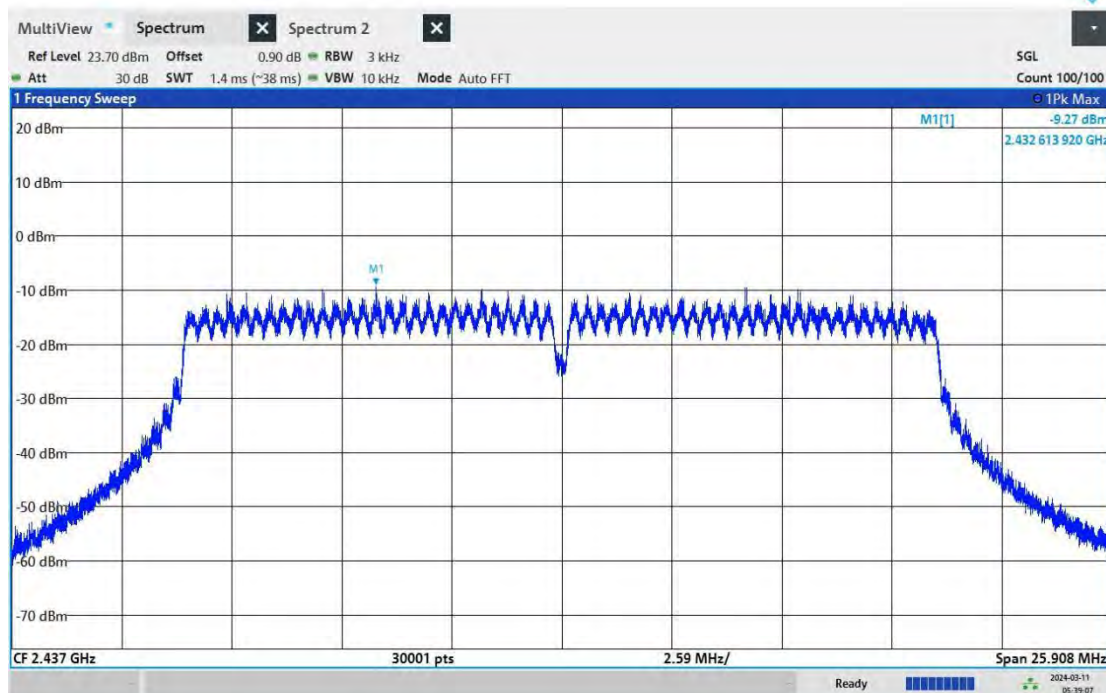
03:38:22 AM 03/11/2024

11N20_Ant5_2437

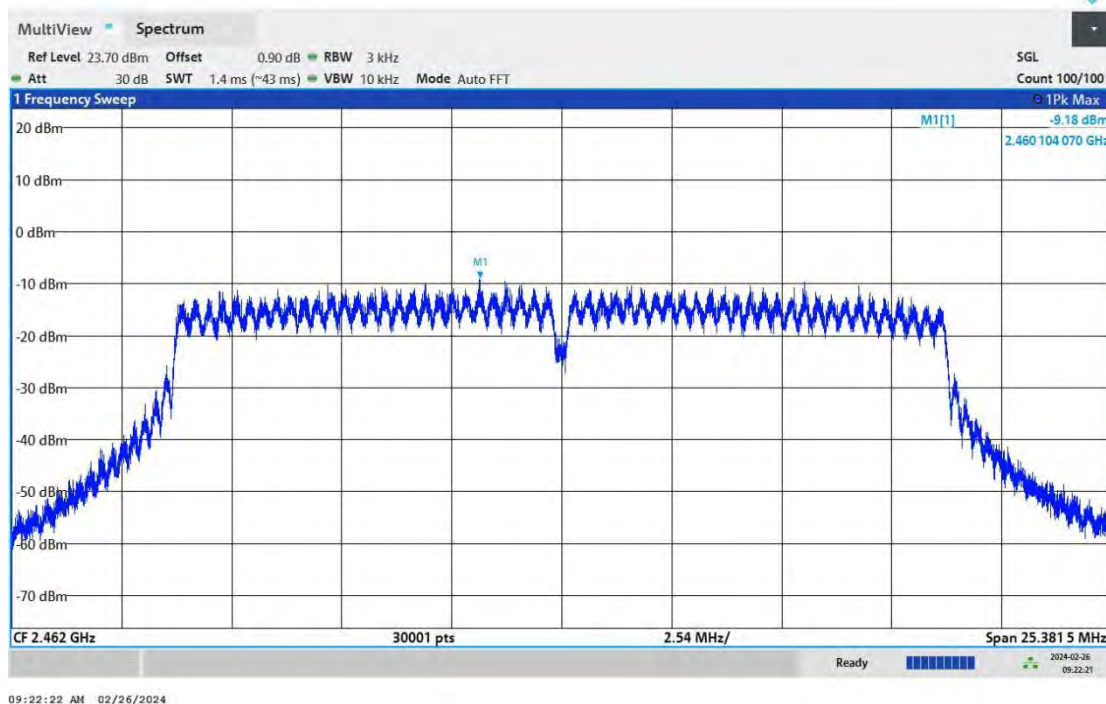


01:27:57 AM 05/13/2024

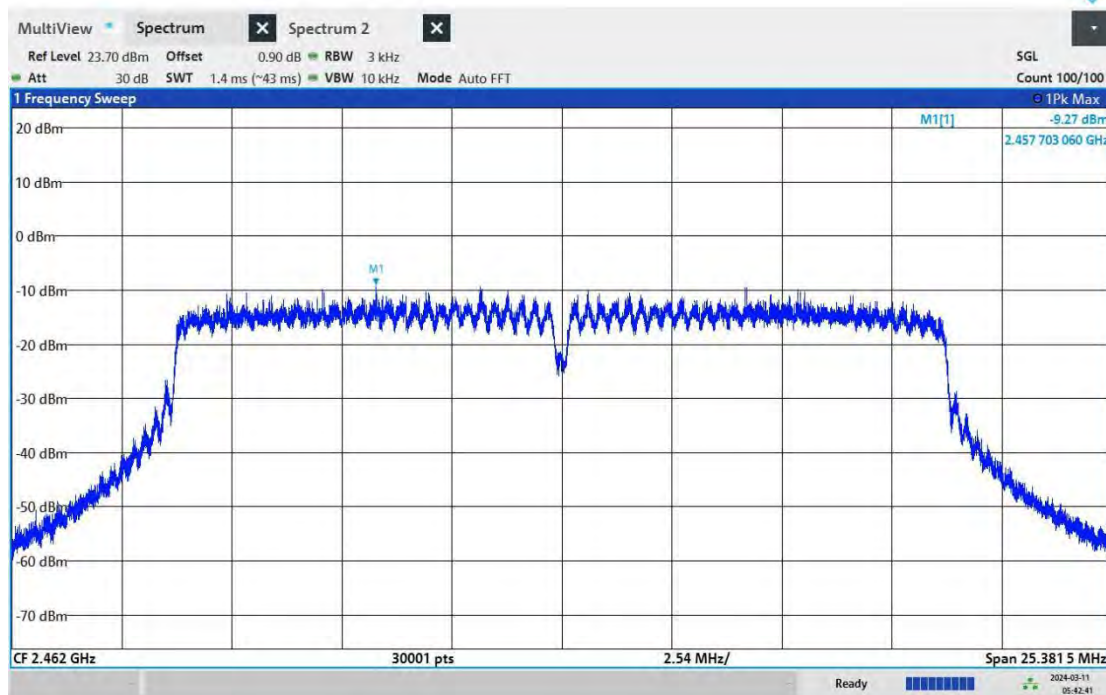
11N20_Ant6_2437



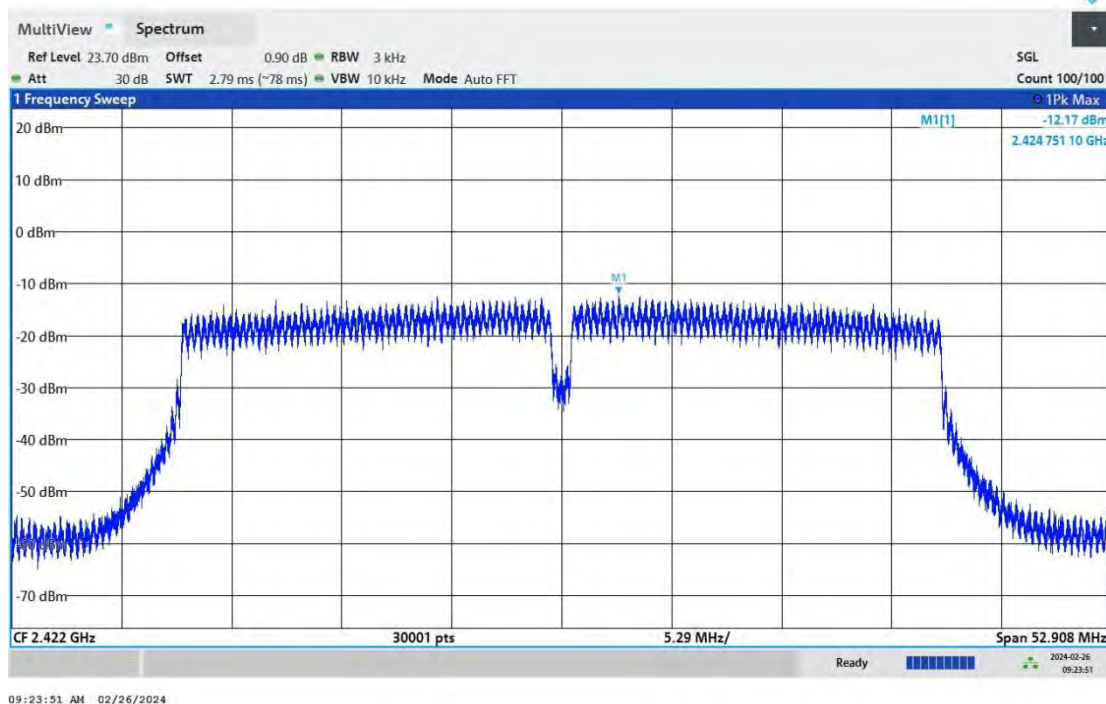
11N20_Ant5_2462



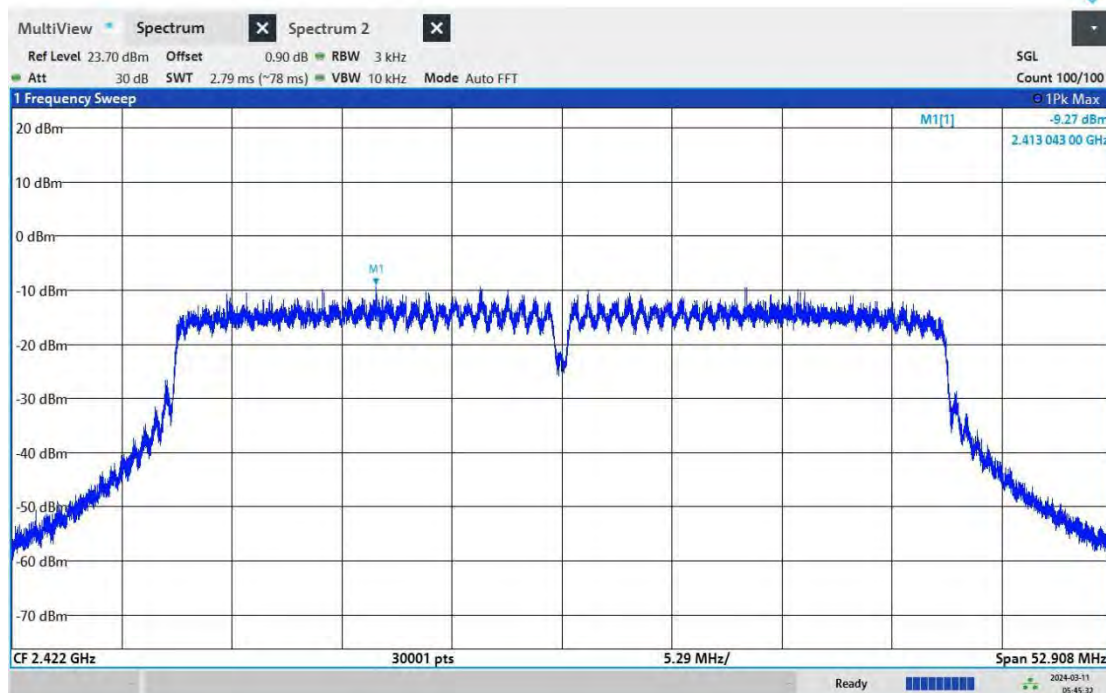
11N20_Ant6_2462



11N40_Ant5_2422

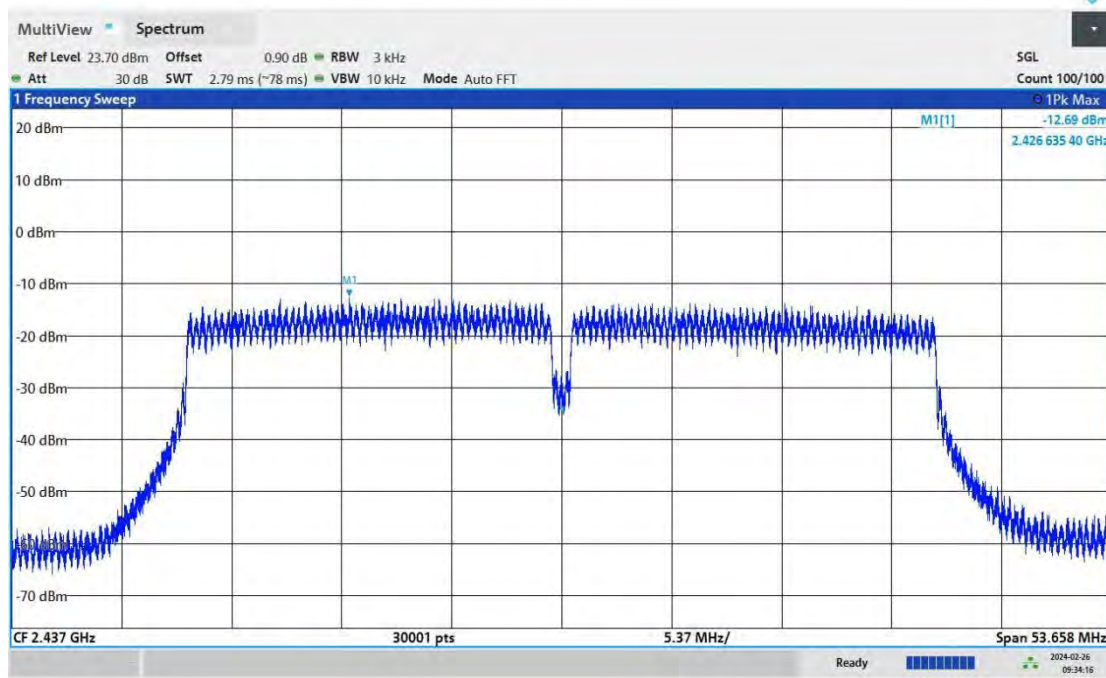


11N40_Ant6_2422



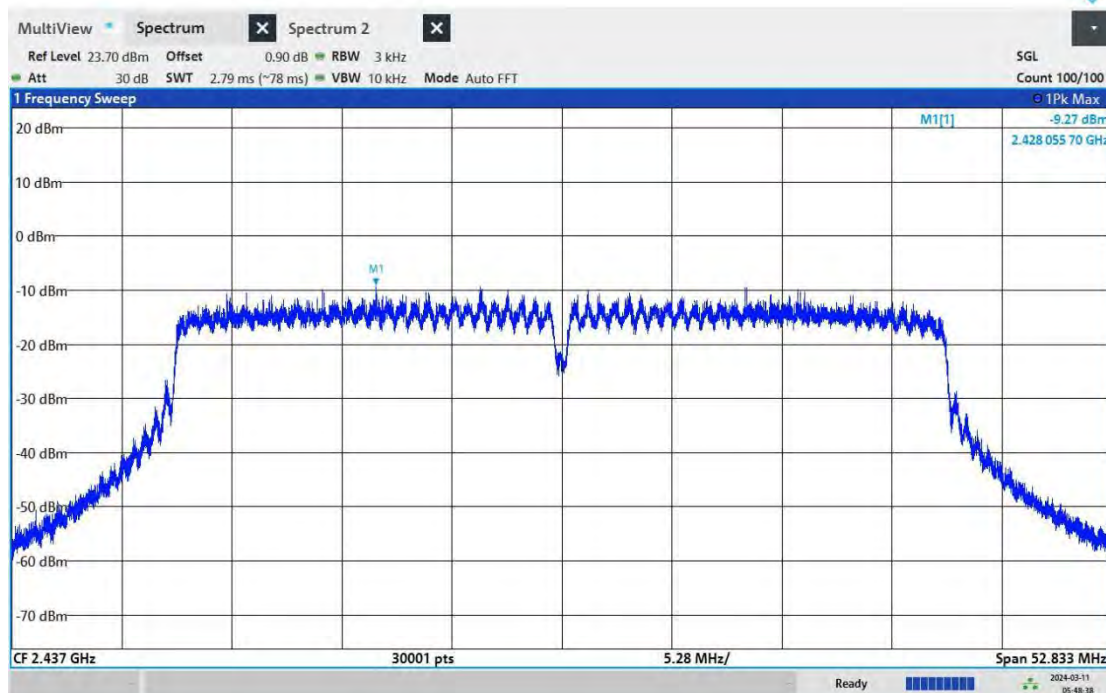
05:45:33 AM 03/11/2024

11N40_Ant5_2437

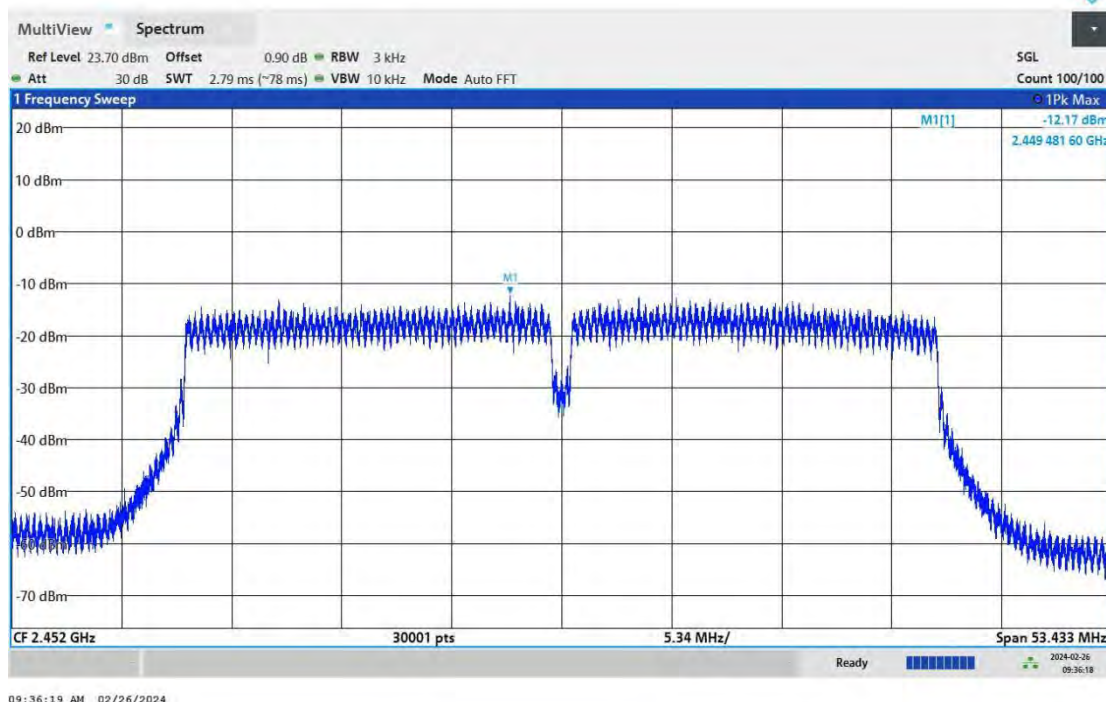


09:34:16 AM 02/26/2024

11N40_Ant6_2437



11N40_Ant5_2452

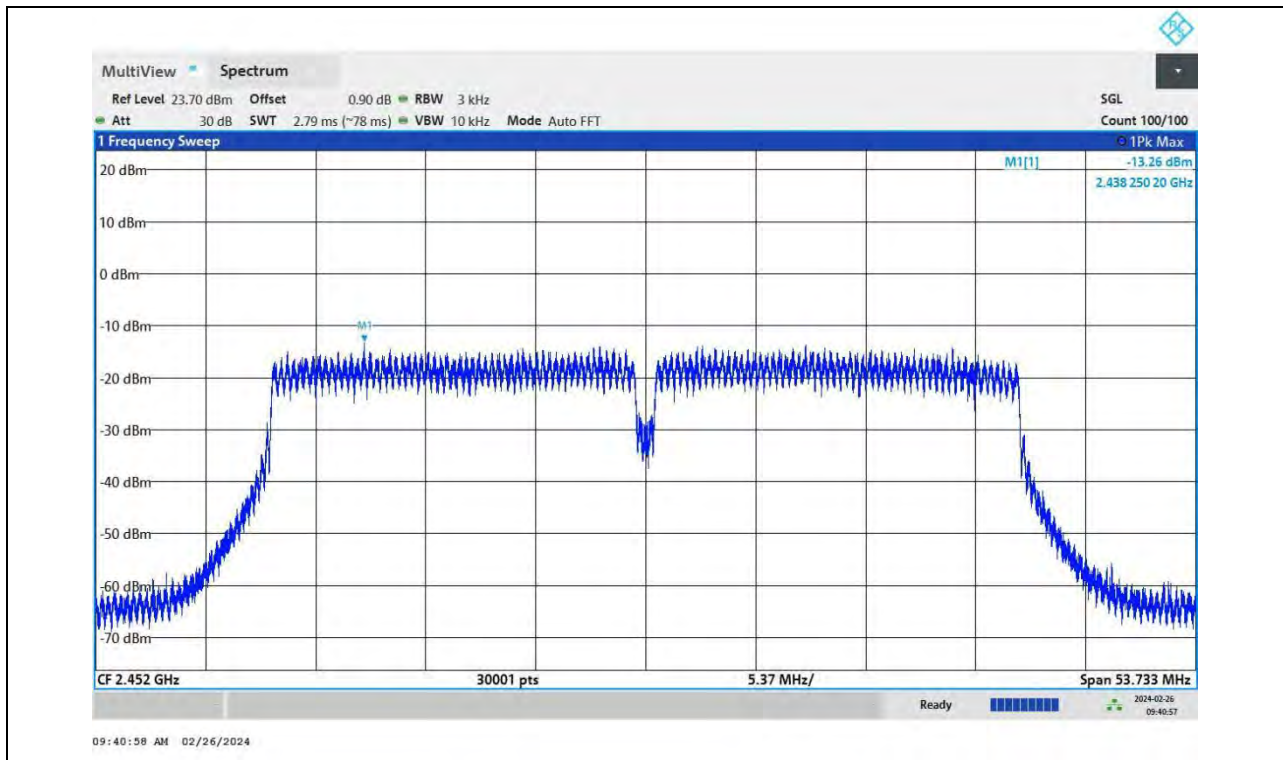


11N40_Ant6_2452



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Reference No.: PSU-QSU2312140113RF10



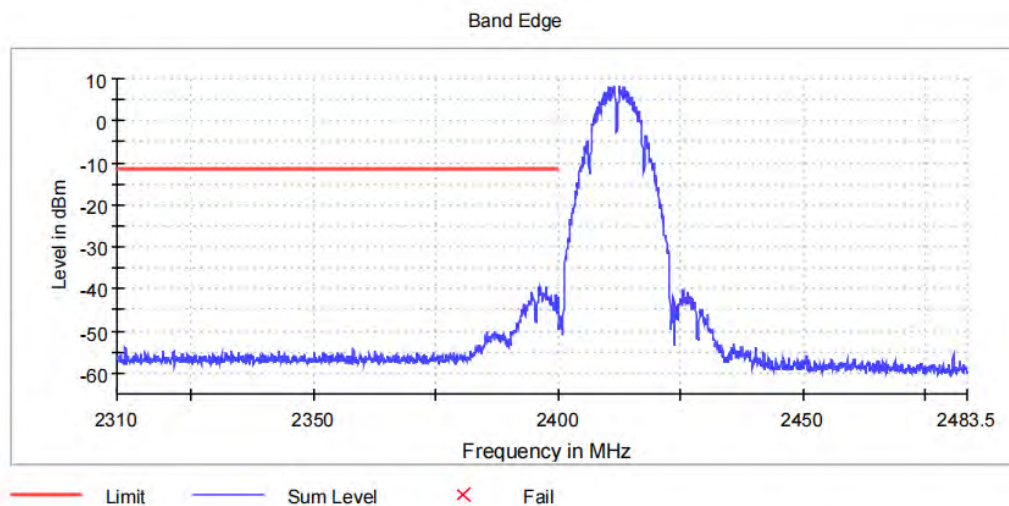
BAND EDGE MEASUREMENTS

TEST RESULT

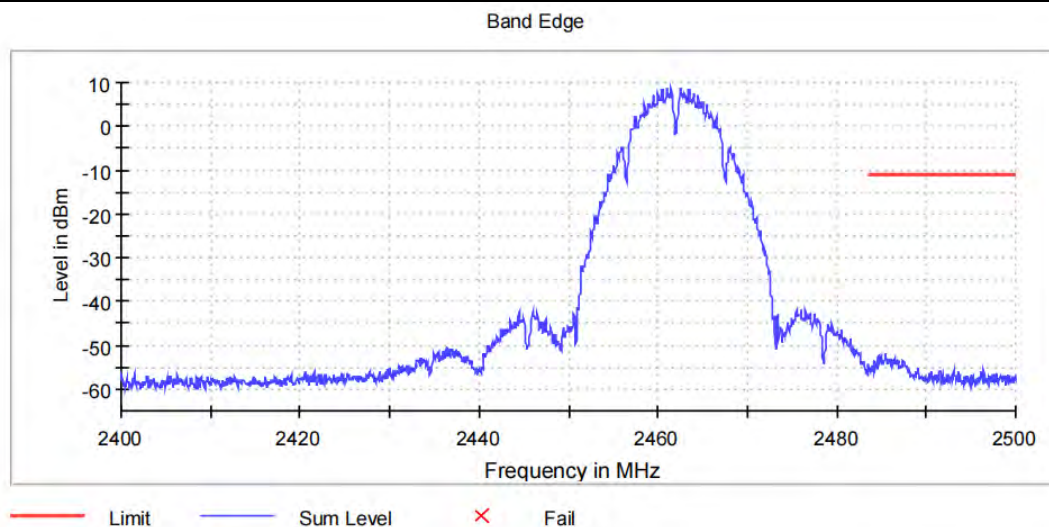
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-MIMO	Ant5	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant5	High	2462	See test graph	See test graph	See test graph	PASS
	Ant6	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant6	High	2462	See test graph	See test graph	See test graph	PASS
11G-MIMO	Ant5	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant5	High	2462	See test graph	See test graph	See test graph	PASS
	Ant6	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant6	High	2462	See test graph	See test graph	See test graph	PASS
11N20-MIMO	Ant5	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant5	High	2462	See test graph	See test graph	See test graph	PASS
	Ant6	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant6	High	2462	See test graph	See test graph	See test graph	PASS
11N40-MIMO	Ant5	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant5	High	2462	See test graph	See test graph	See test graph	PASS
	Ant6	Low	2412	See test graph	See test graph	See test graph	PASS
	Ant6	High	2462	See test graph	See test graph	See test graph	PASS

TEST GRAPHS

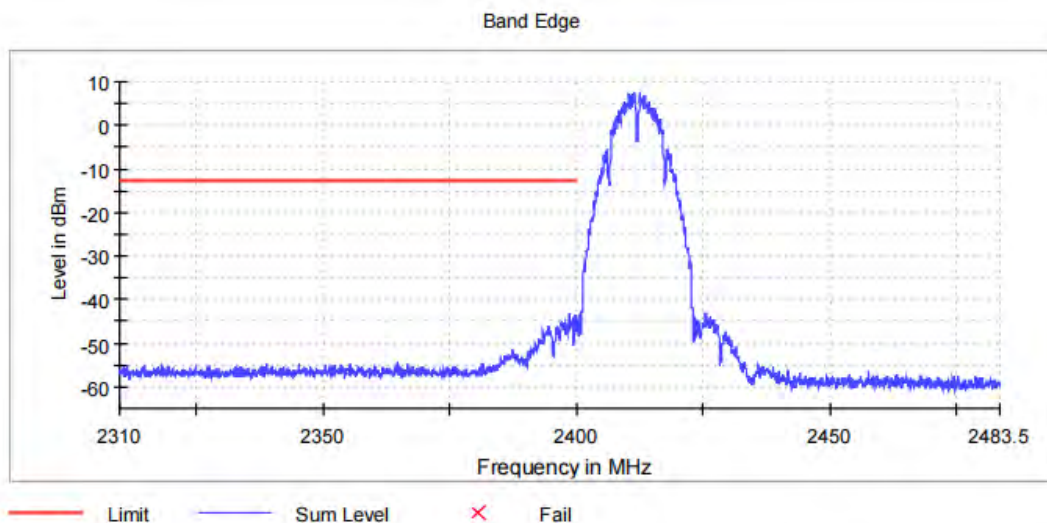
11B-CDD_Ant5_Low_2412



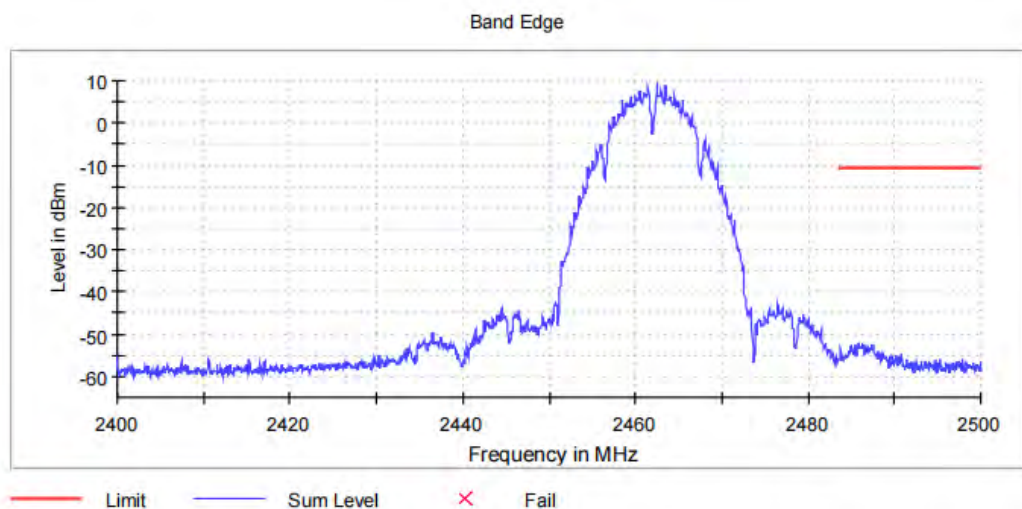
11B-CDD_Ant5_High_2462



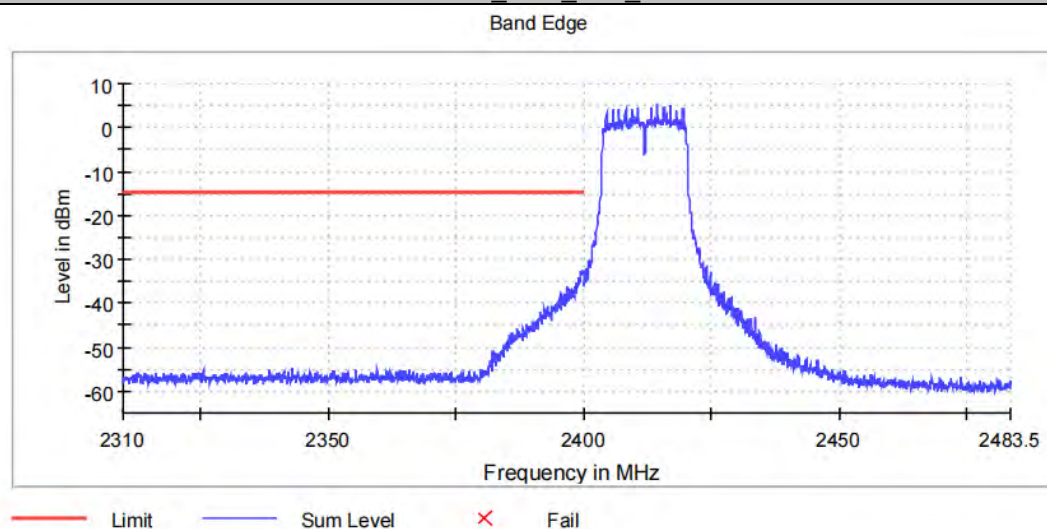
11B-CDD_Ant6_Low_2412



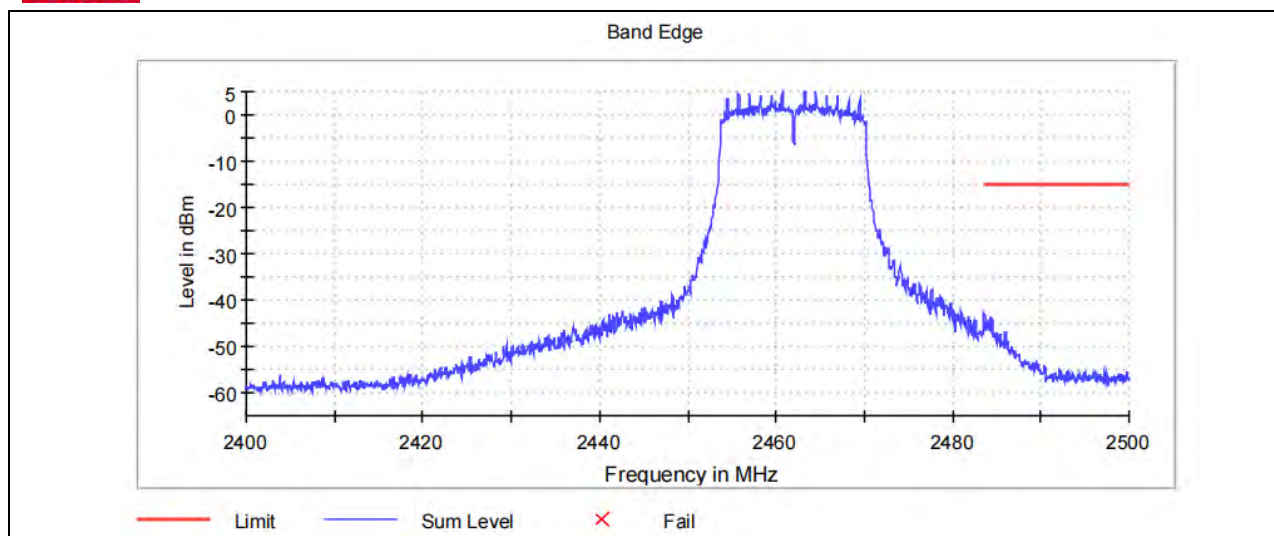
11B-CDD_Ant6_High_2462



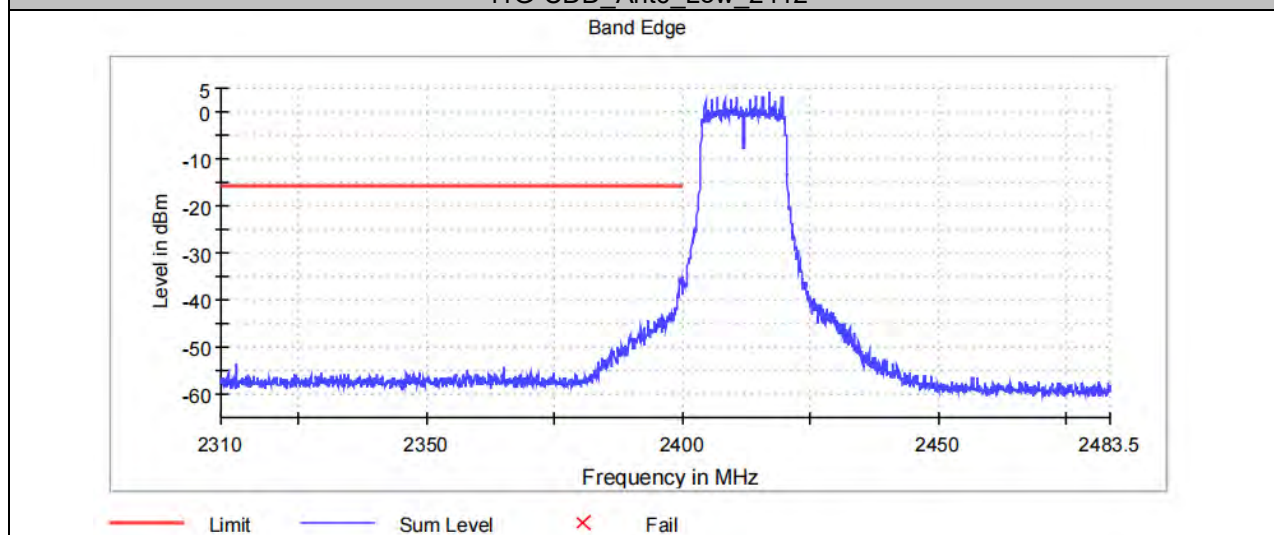
11G-CDD_Ant5_Low_2412



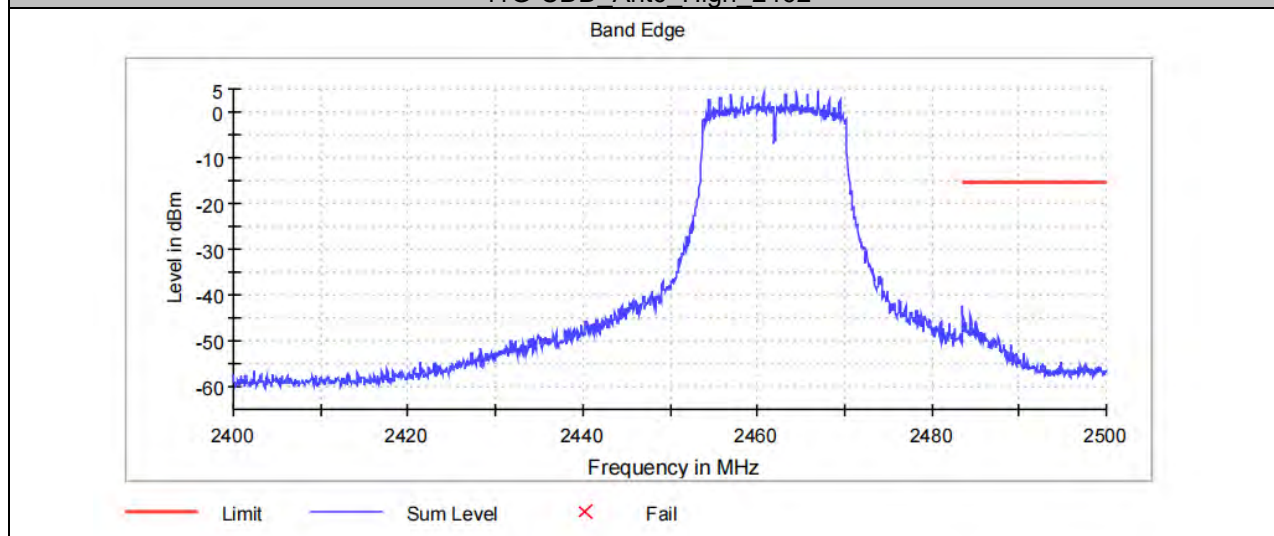
11G-CDD_Ant5_High_2462



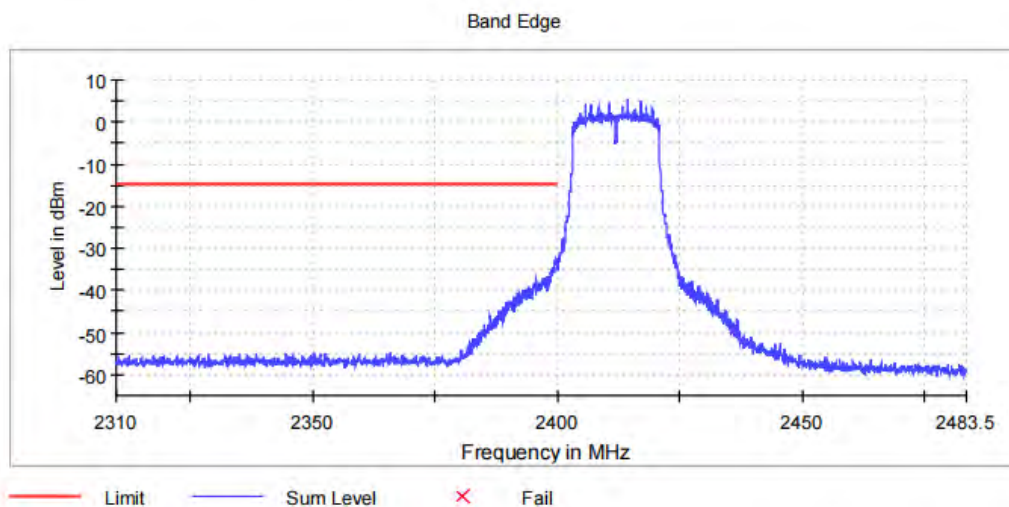
11G-CDD_Ant6_Low_2412



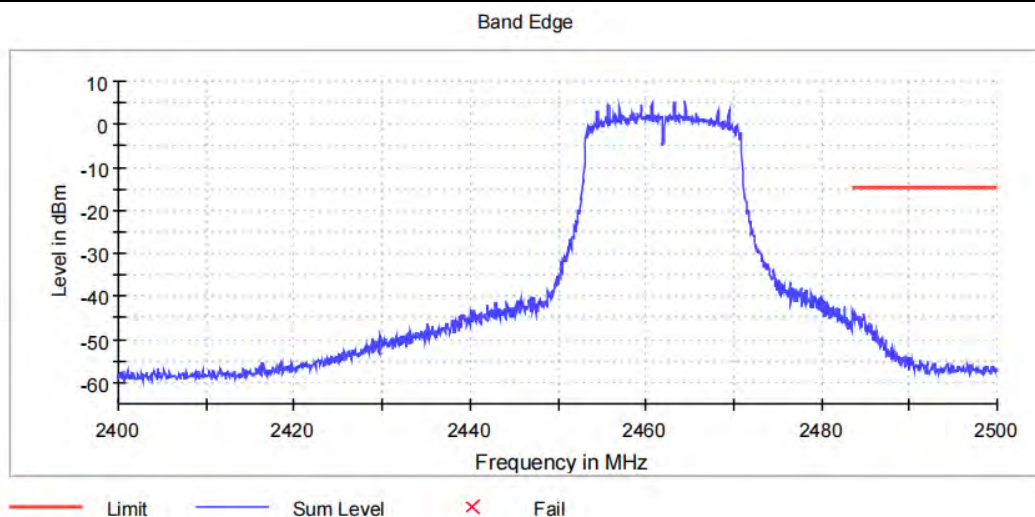
11G-CDD_Ant6_High_2462



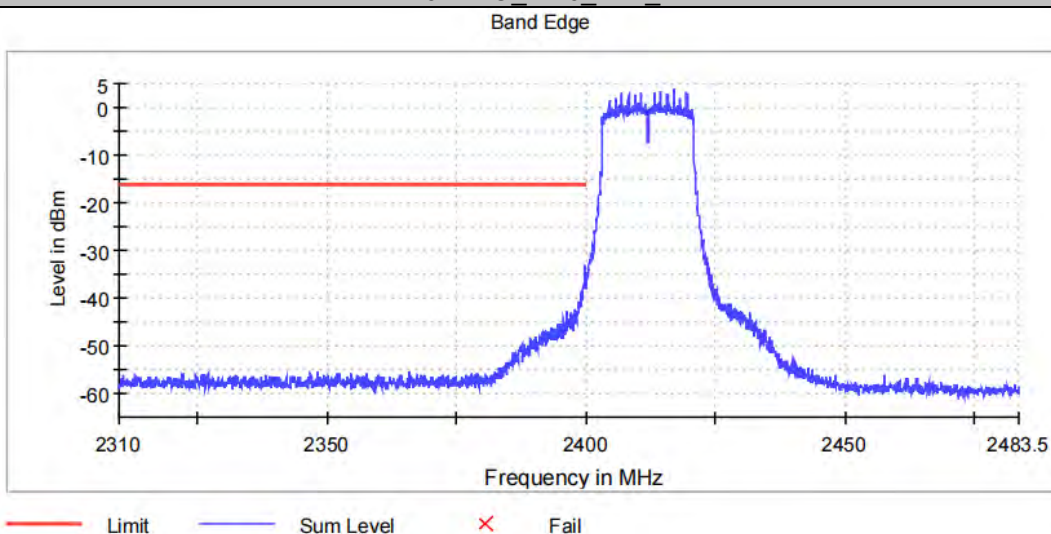
11N20MIMO_Ant5_Low_2412



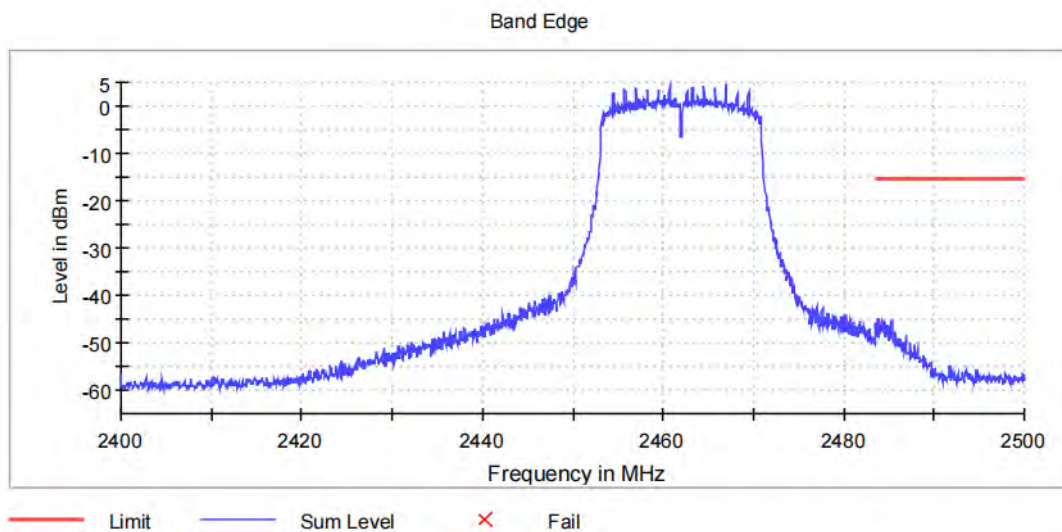
11N20MIMO_Ant5_High_2462



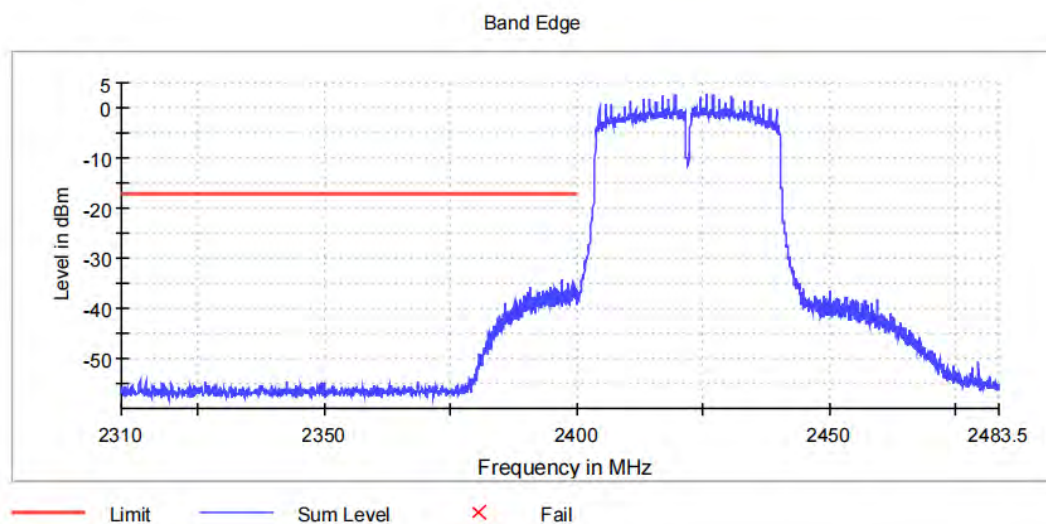
11N20MIMO_Ant6_Low_2412



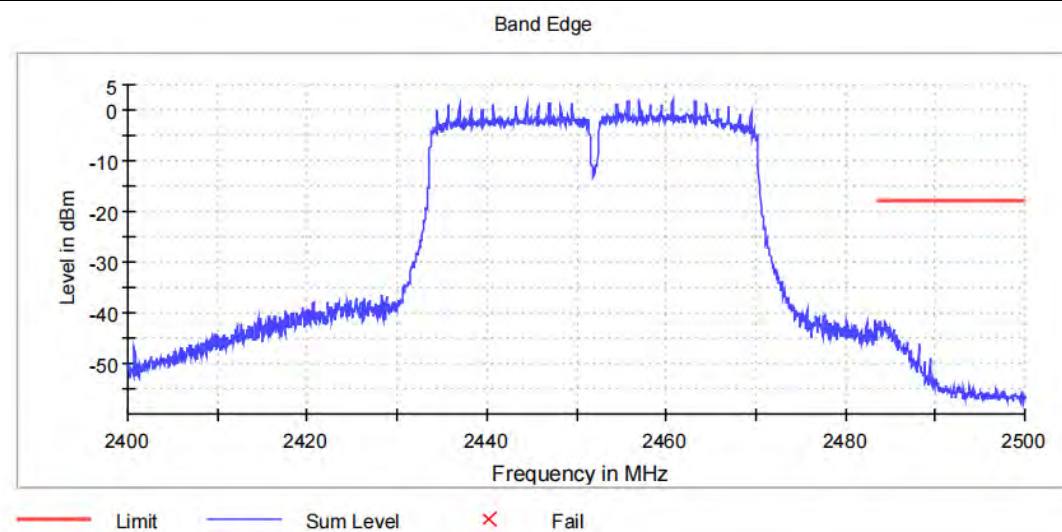
11N20MIMO_Ant6_High_2462



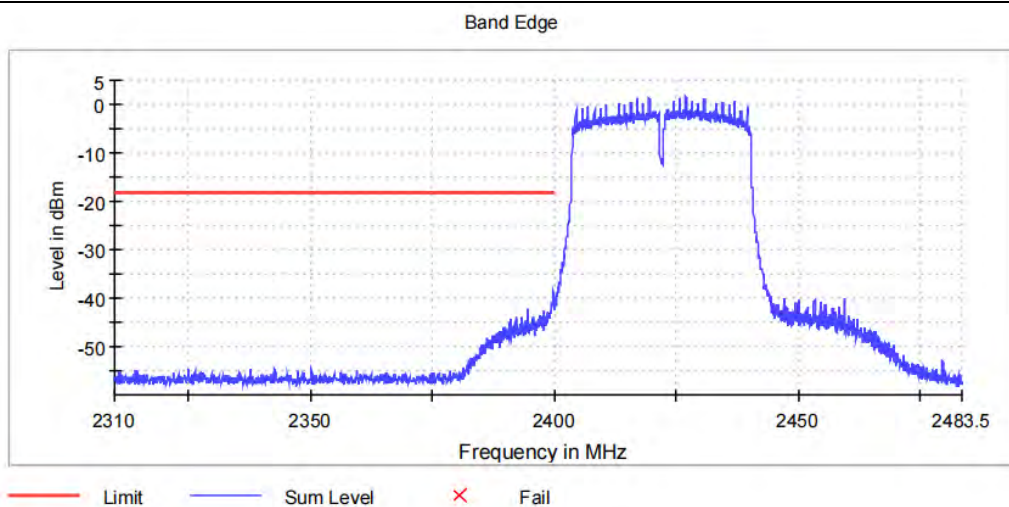
11N40MIMO_Ant5_Low_2412



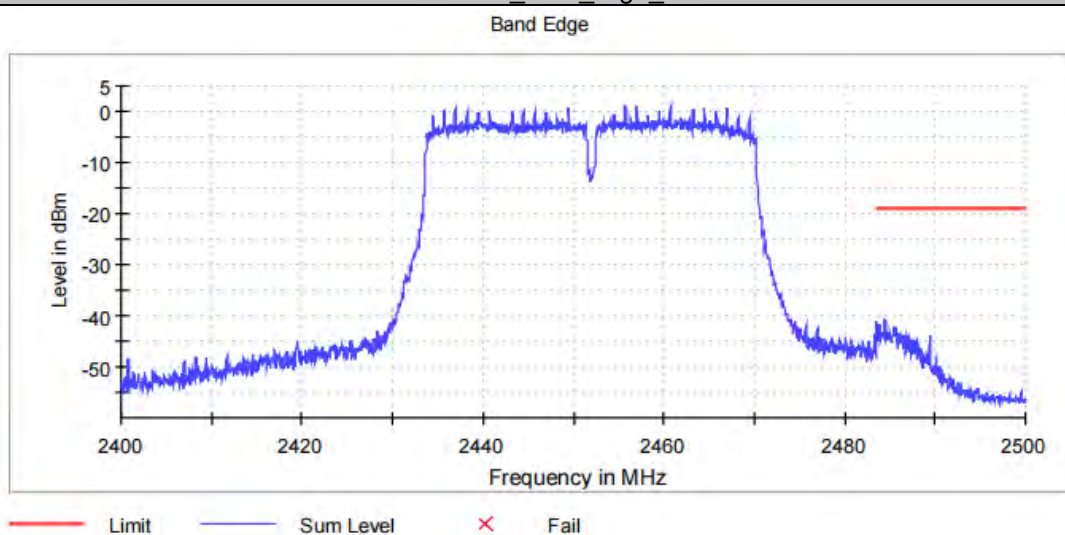
11N40MIMO_Ant5_High_2462



11N40MIMO_Ant6_Low_2412



11N40MIMO_Ant6_High_2462



20M
RBW 100.000 kHz
VBW 300.000 kHz
40M
RBW 100.000 kHz
VBW 300.000 kHz

CONDUCTED SPURIOUS EMISSION

TEST RESULT

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A-MIMO	Ant5	2412	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2412	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2462	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2462	30~26000	See test graph	See test graph	See test graph	PASS
11G-MIMO	Ant5	2412	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2412	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2462	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2462	30~26000	See test graph	See test graph	See test graph	PASS
11N20-MIMO	Ant5	2412	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2412	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2437	30~26000	See test graph	See test graph	See test graph	PASS



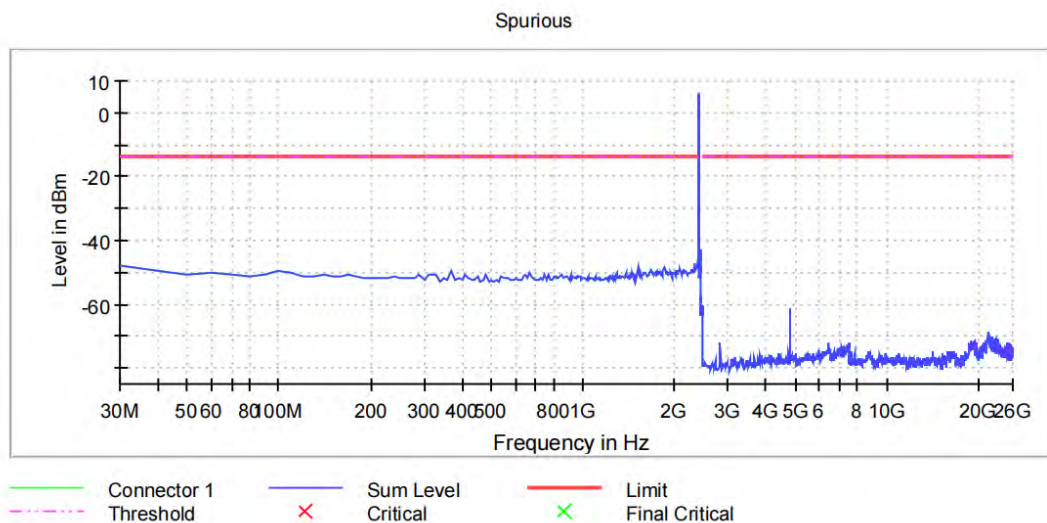
**BUREAU
VERITAS**

Reference No.: PSU-QSU2312140113RF10

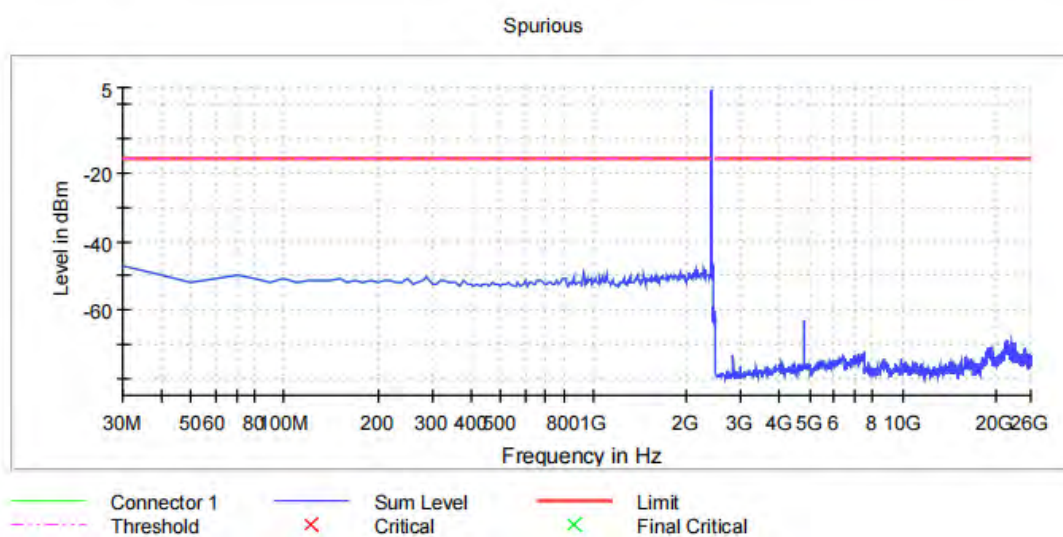
					graph		
	Ant6	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2462	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2462	30~26000	See test graph	See test graph	See test graph	PASS
11N40-MIMO	Ant5	2422	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2422	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2437	30~26000	See test graph	See test graph	See test graph	PASS
	Ant5	2452	30~26000	See test graph	See test graph	See test graph	PASS
	Ant6	2452	30~26000	See test graph	See test graph	See test graph	PASS

TEST GRAPHS

11B_Ant5_2412_30~26000

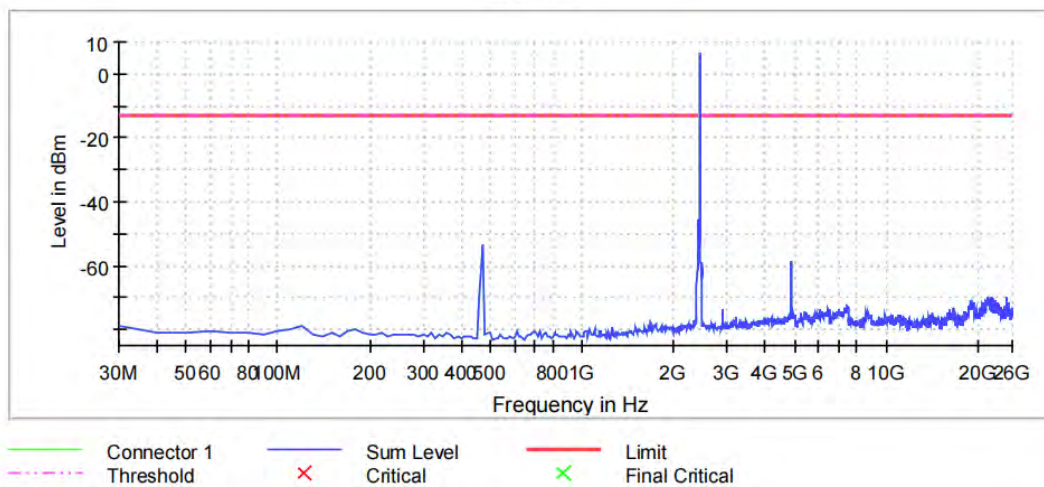


11B_Ant6_2412_30~26000



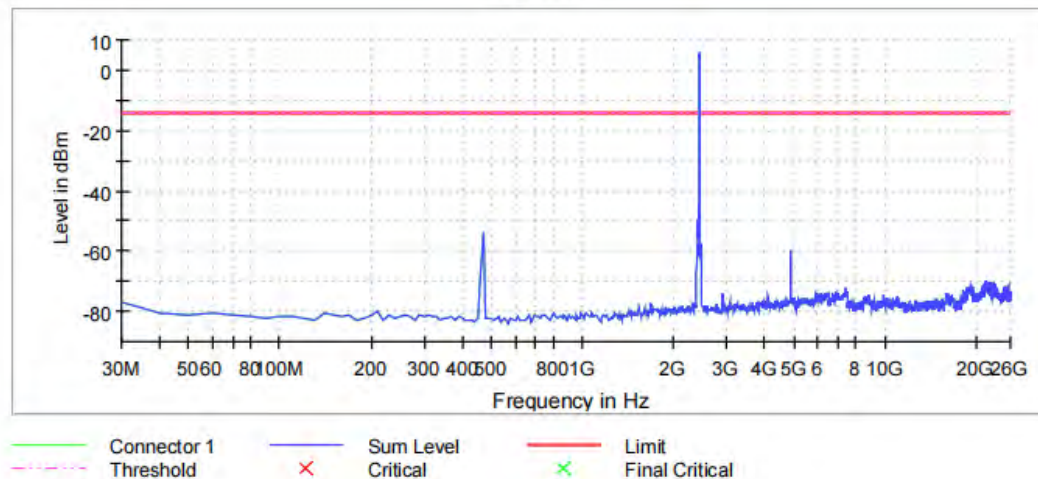
11B_Ant5_2437_30~26000

Spurious



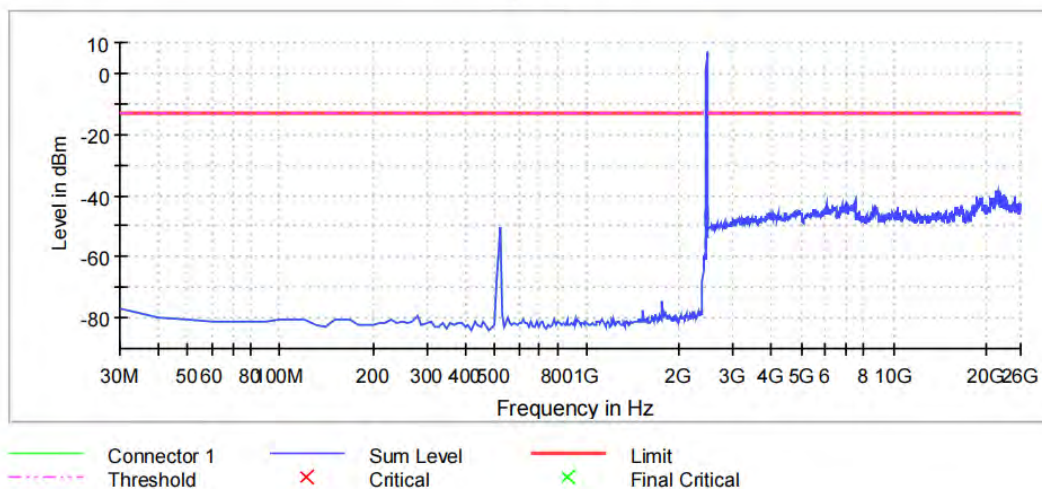
11B_Ant6_2437_30~26000

Spurious

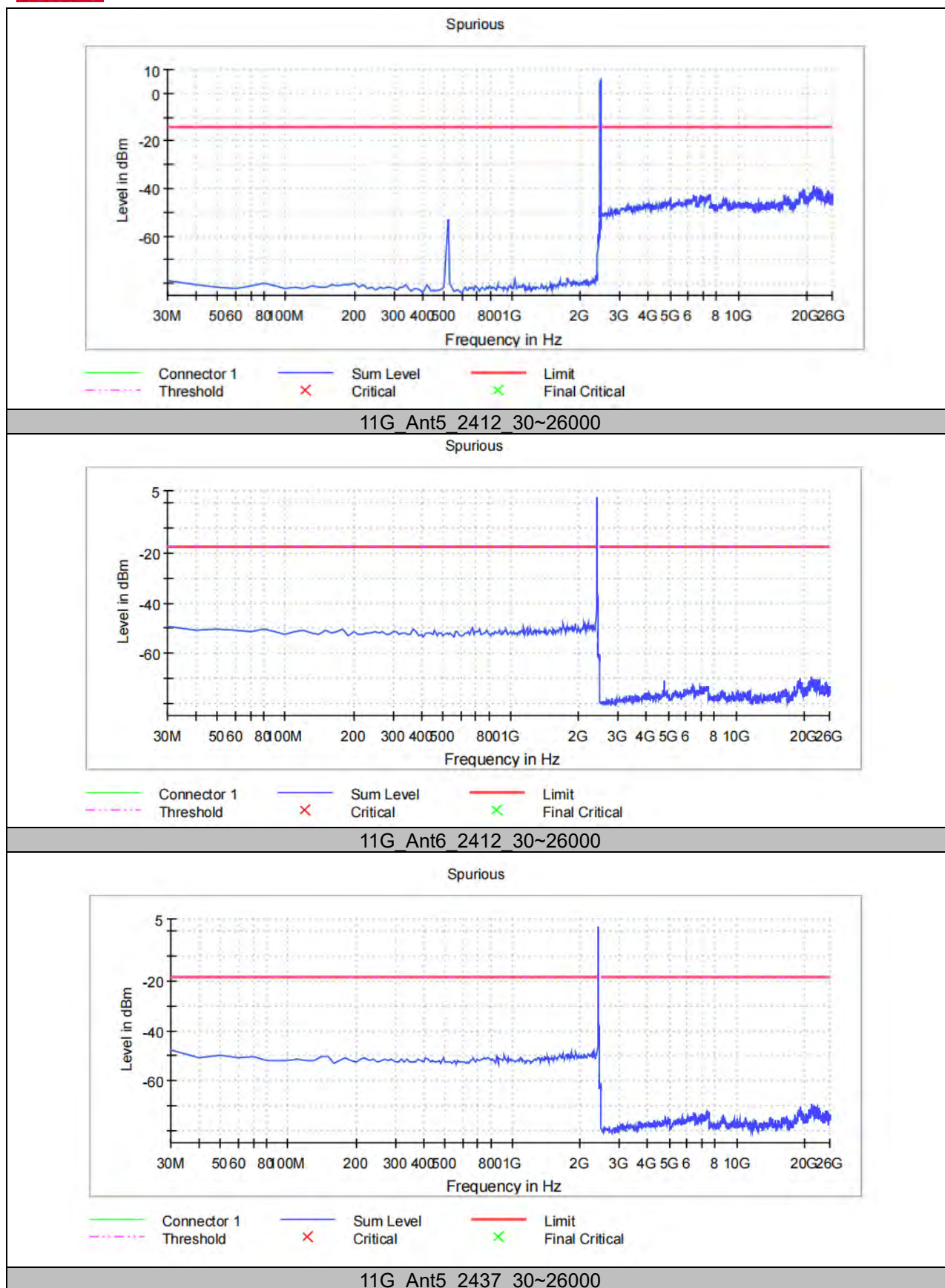


11B_Ant5_2462_30~26000

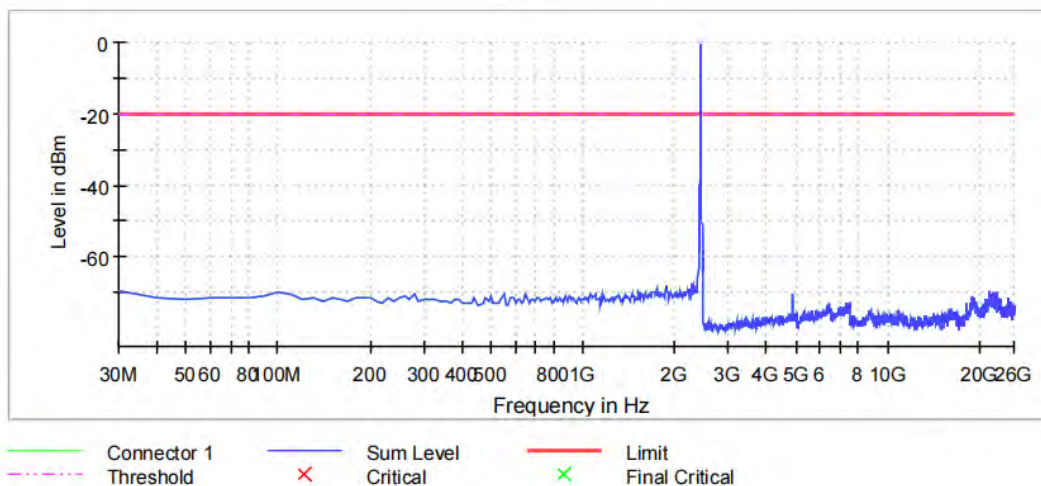
Spurious



11B_Ant6_2462_30~26000

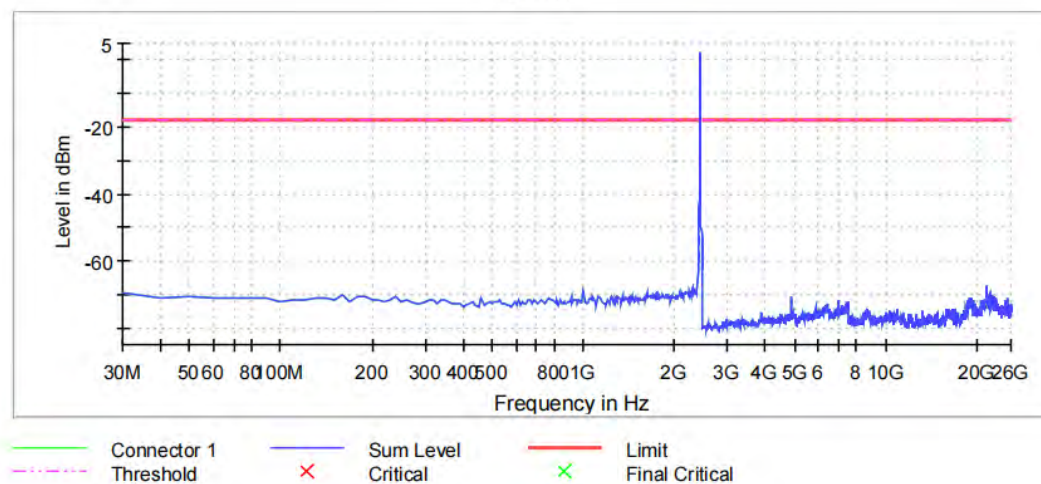


Spurious



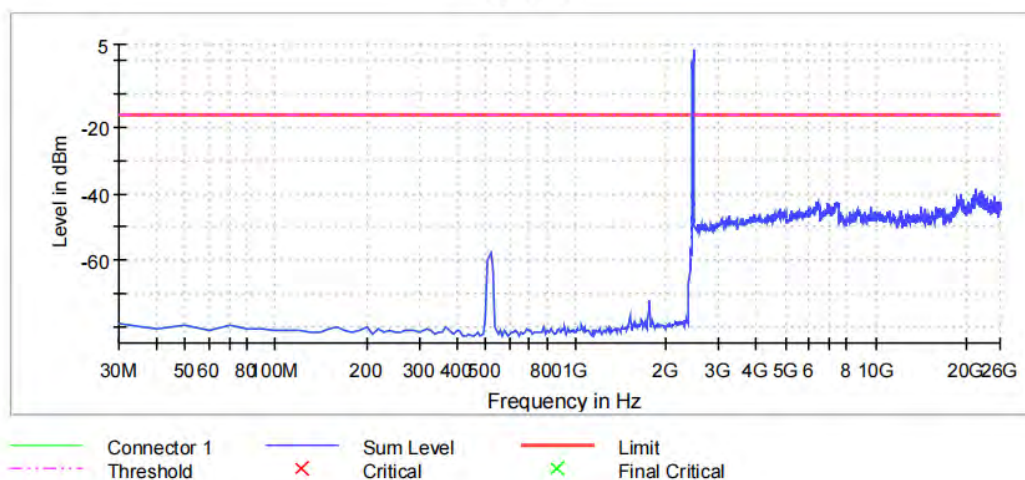
11G_Ant6_2437_30~26000

Spurious



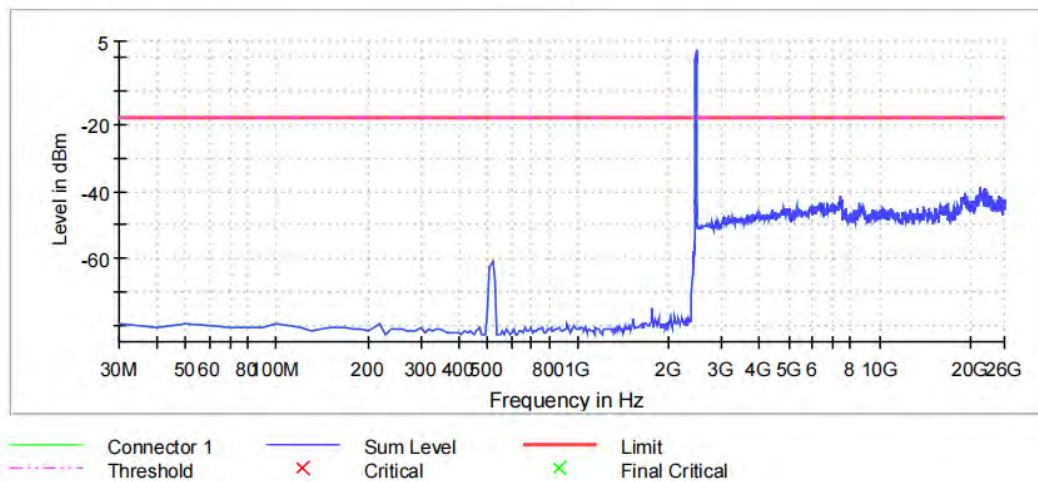
11G_Ant5_2462_30~26000

Spurious



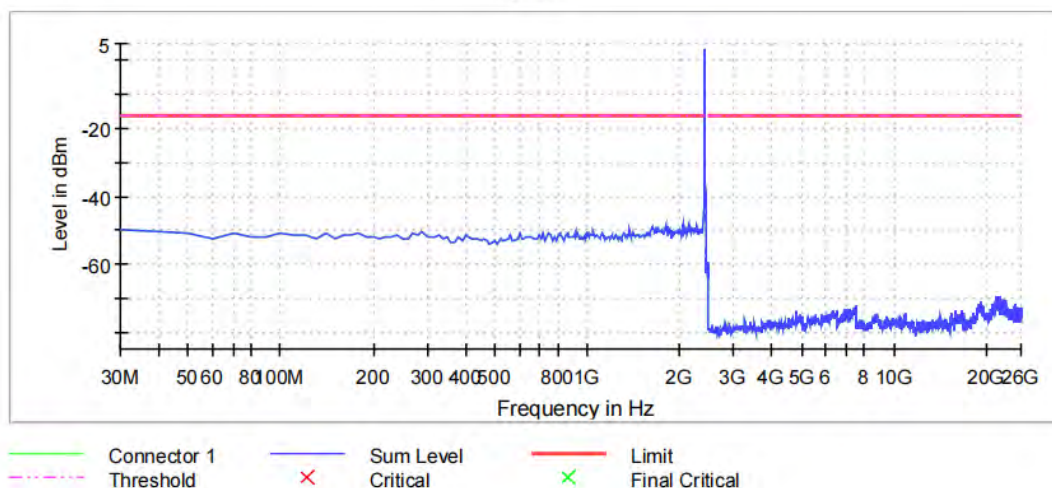
11G_Ant6_2462_30~26000

Spurious



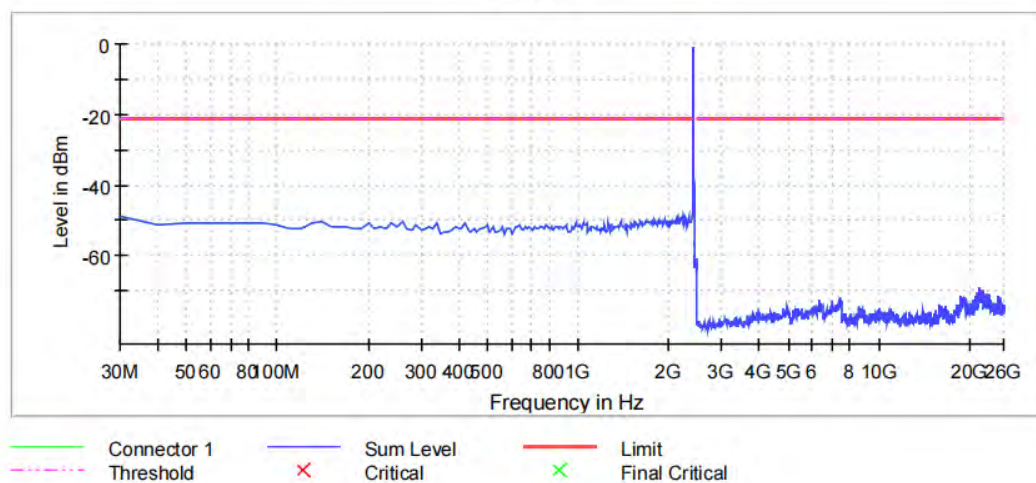
11N20_Ant5_2412_30~26000

Spurious



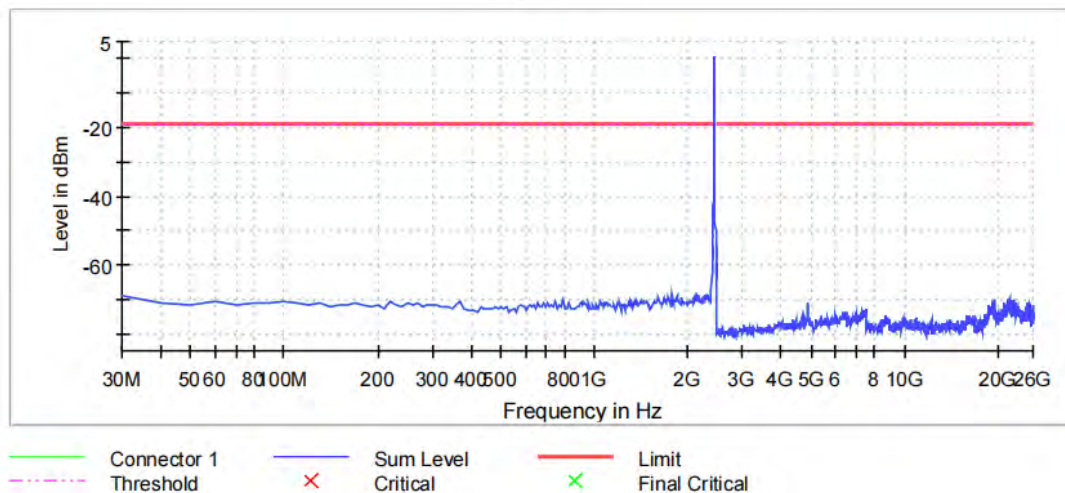
11N20_Ant6_2412_30~26000

Spurious



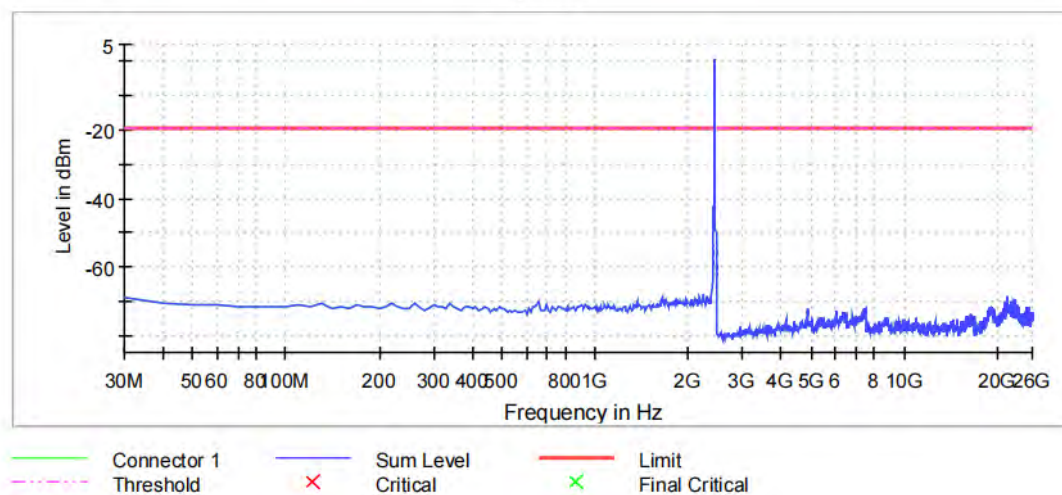
11N20_Ant5_2437_30~26000

Spurious



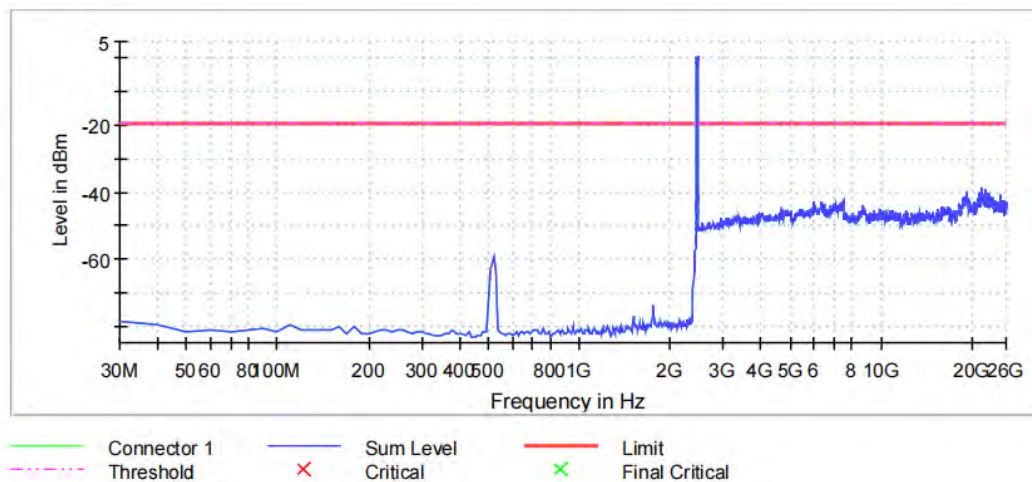
11N20_Ant6_2437_30~26000

Spurious



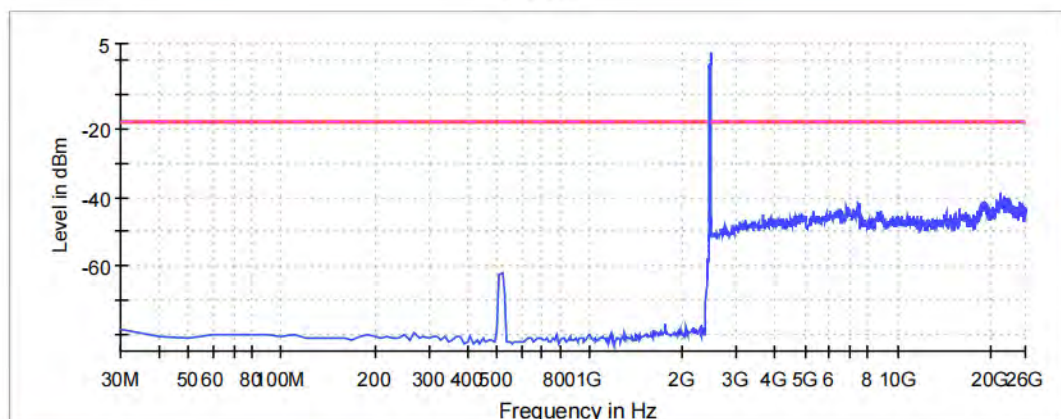
11N20_Ant5_2462_30~26000

Spurious



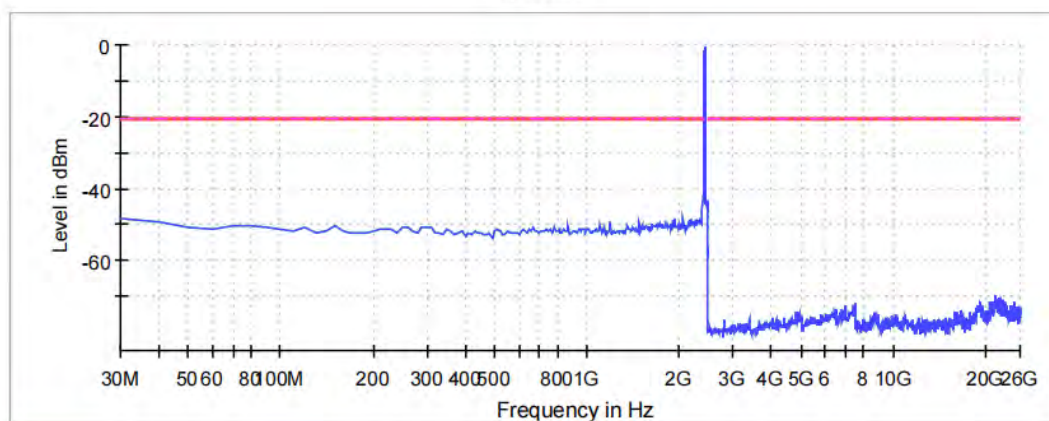
11N20_Ant6_2462_30~26000

Spurious



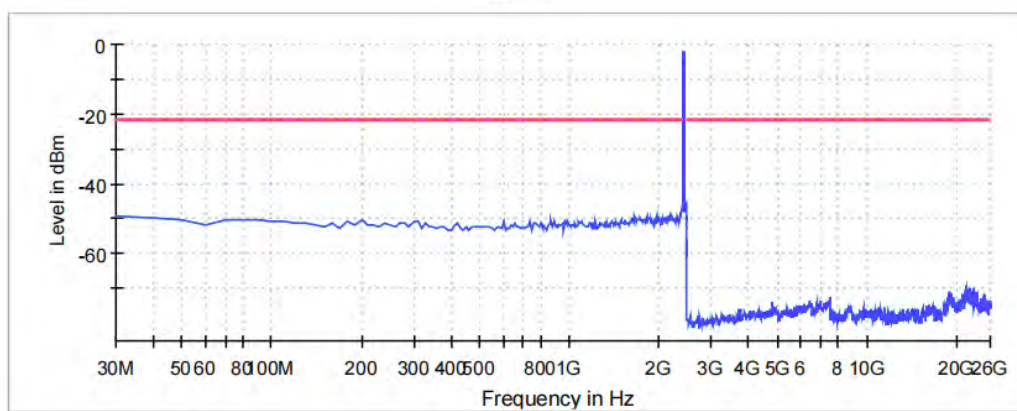
11N40_Ant5_2422_30~26000

Spurious



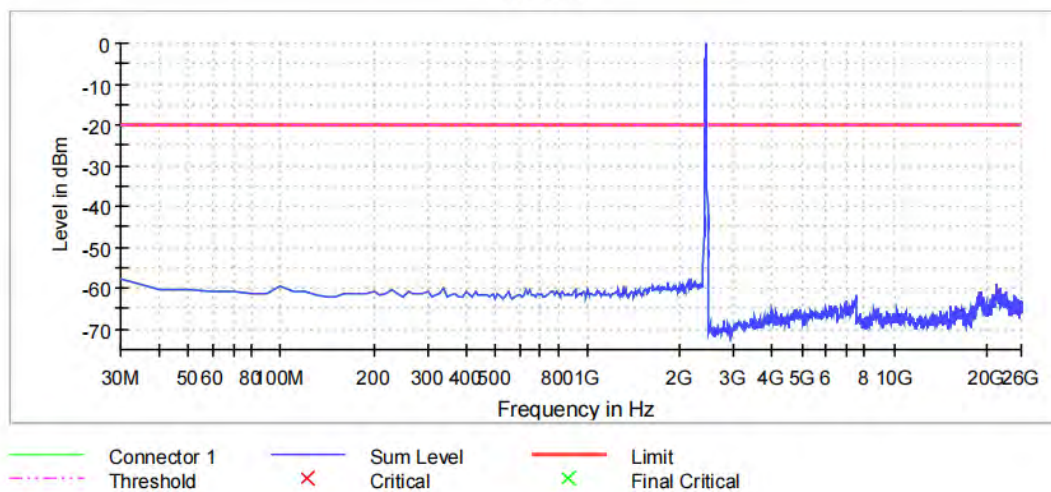
11N40_Ant5_2422_30~26000

Spurious



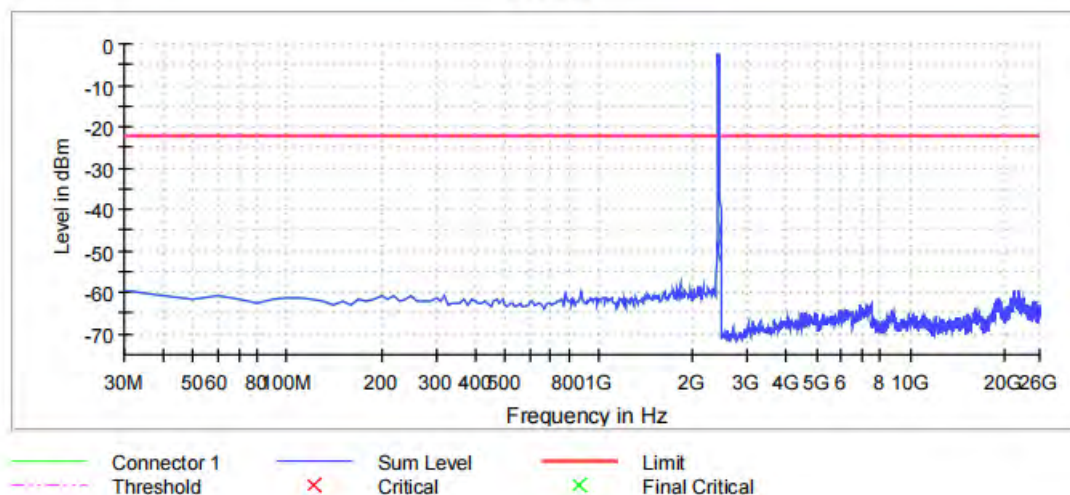
11N40_Ant5_2437_30~26000

Spurious



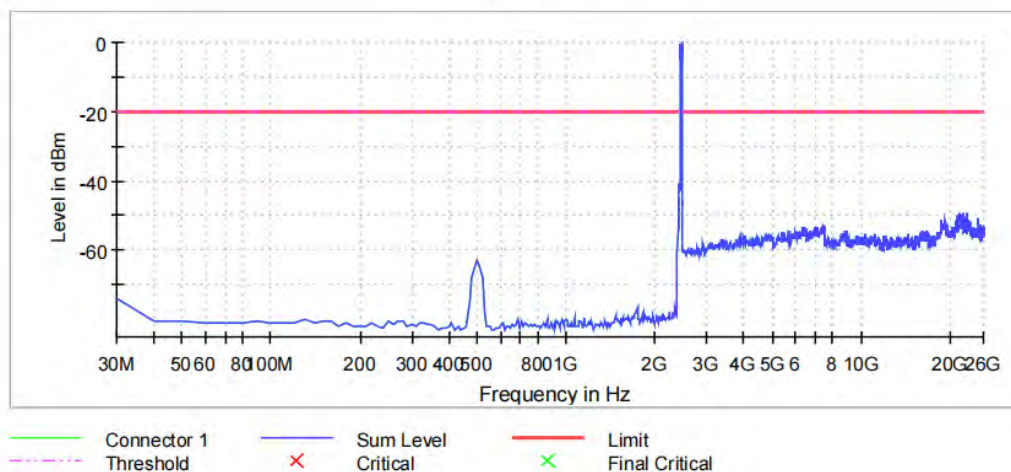
11N40 Ant6 2437 30~26000

Spurious



11N40 Ant5 2452 30~26000

Spurious

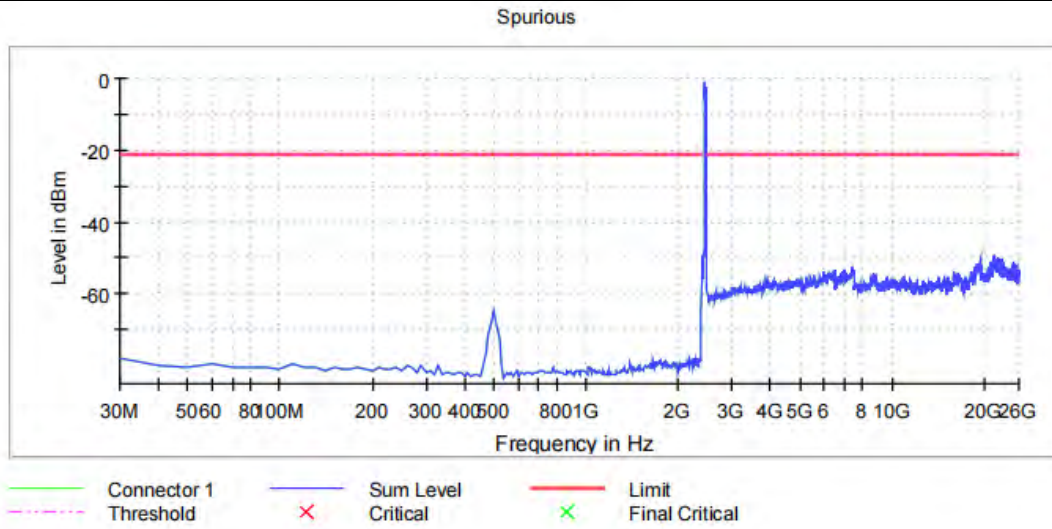


11N40 Ant6 2452 30~26000



BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF10



20M
RBW 100.000 kHz
VBW 300.000 kHz
40M
RBW 100.000 kHz
VBW 300.000 kHz



Reference No.: PSU-QSU2312140113RF10

DUTY CYCLE

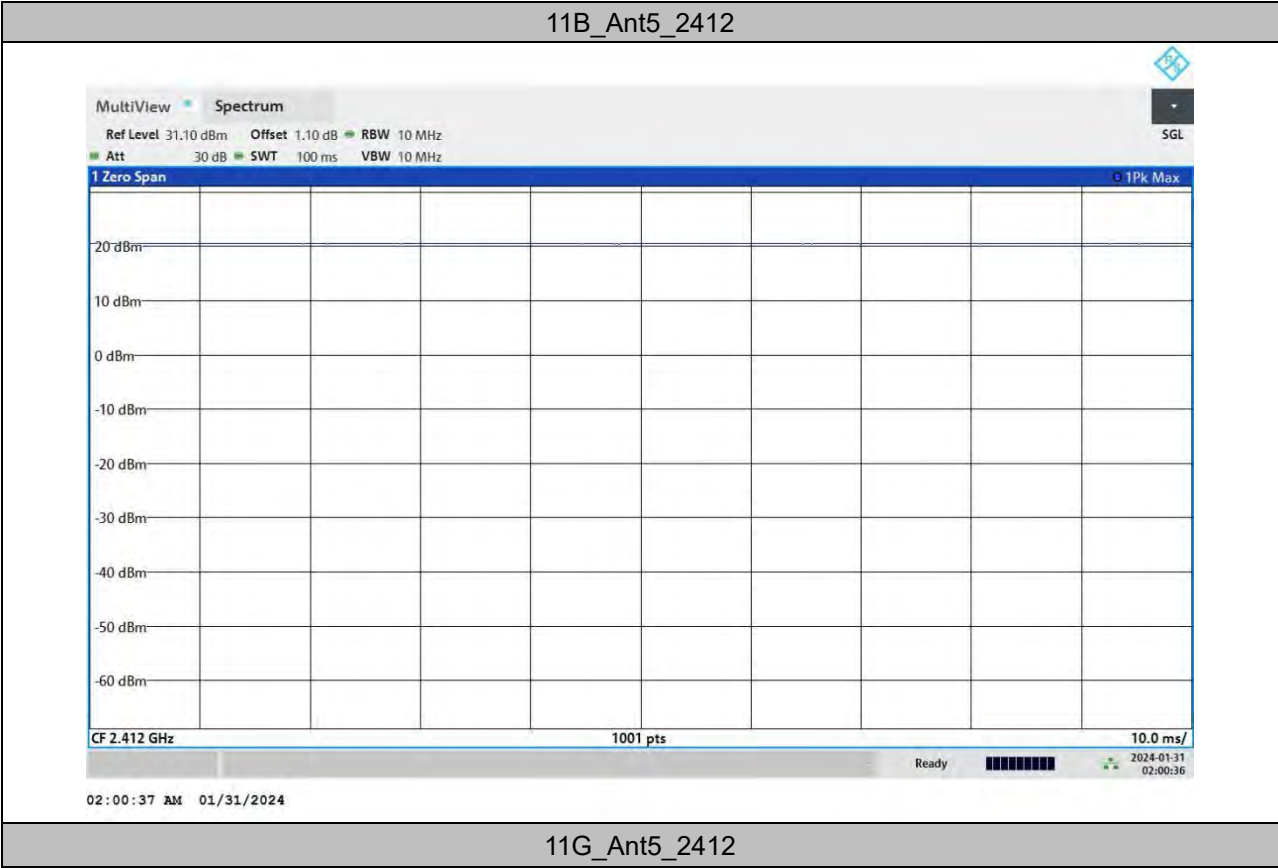
TEST RESULT

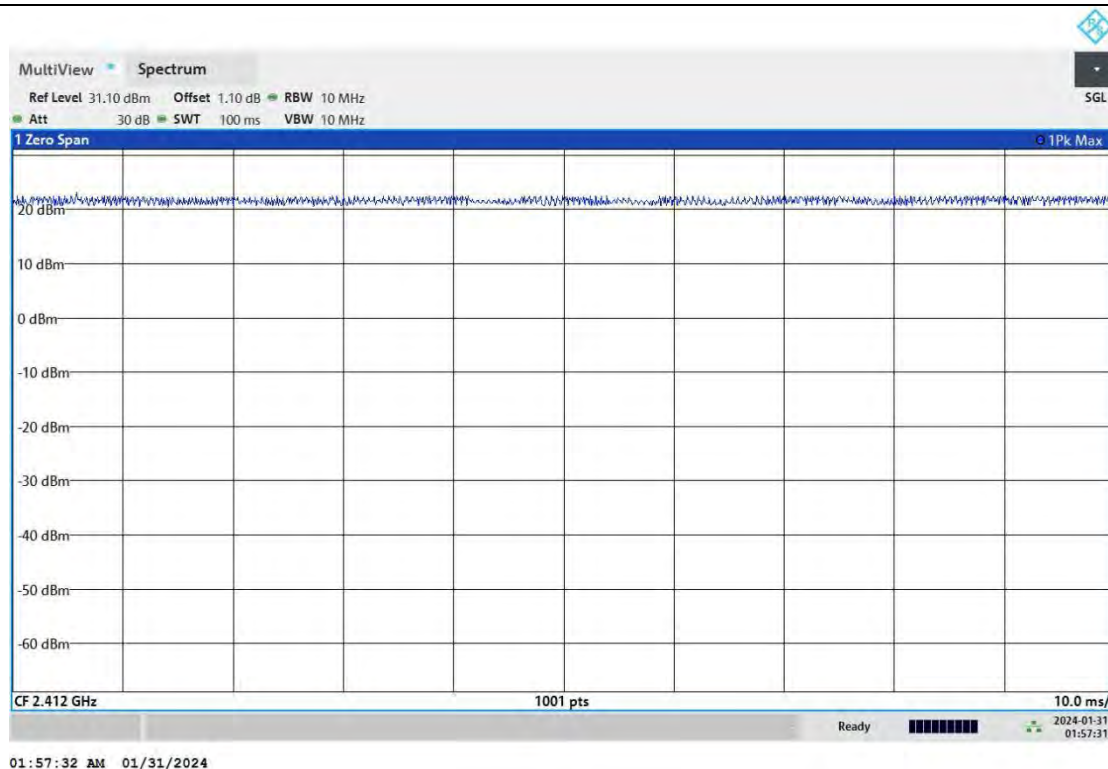
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B-MIMO	Ant5	2412	/	/	100.00%	0
11G-MIMO	Ant5	2412	/	/	100.00%	0
11N20-MIMO	Ant5	2412	/	/	100.00%	0
11N40-MIMO	Ant5	2422	/	/	100.00%	0



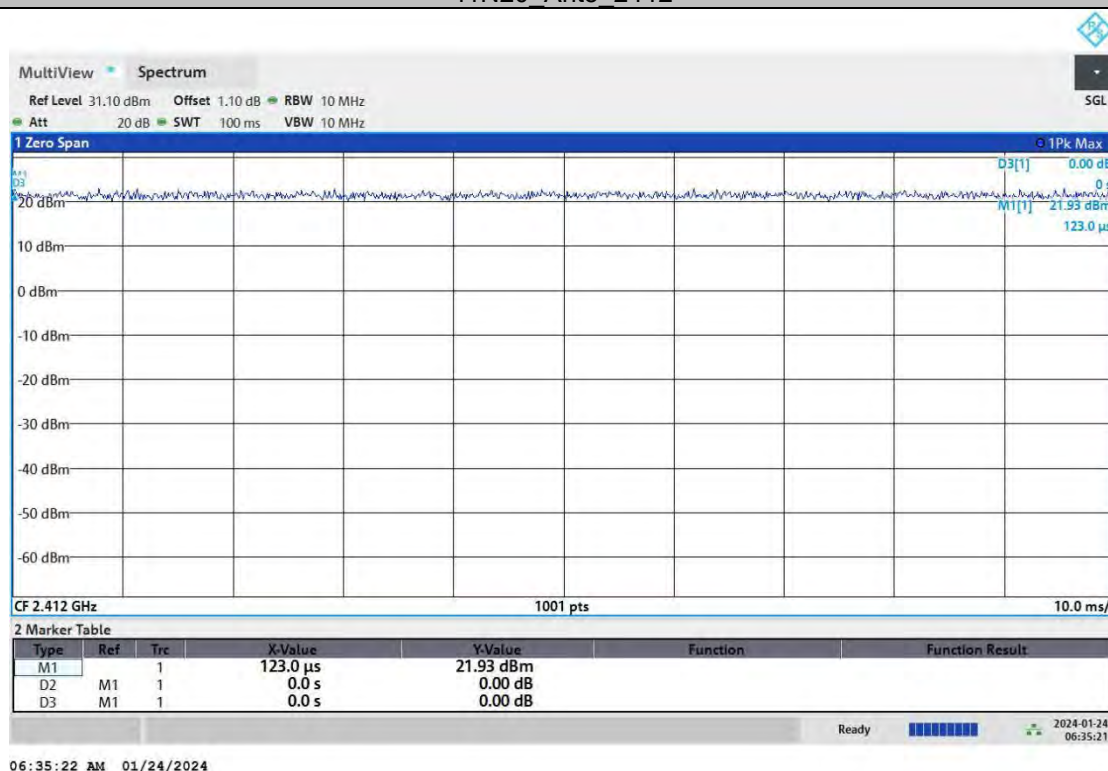
Reference No.: PSU-QSU2312140113RF10

TEST GRAPHS





11N20_Ant5_2412

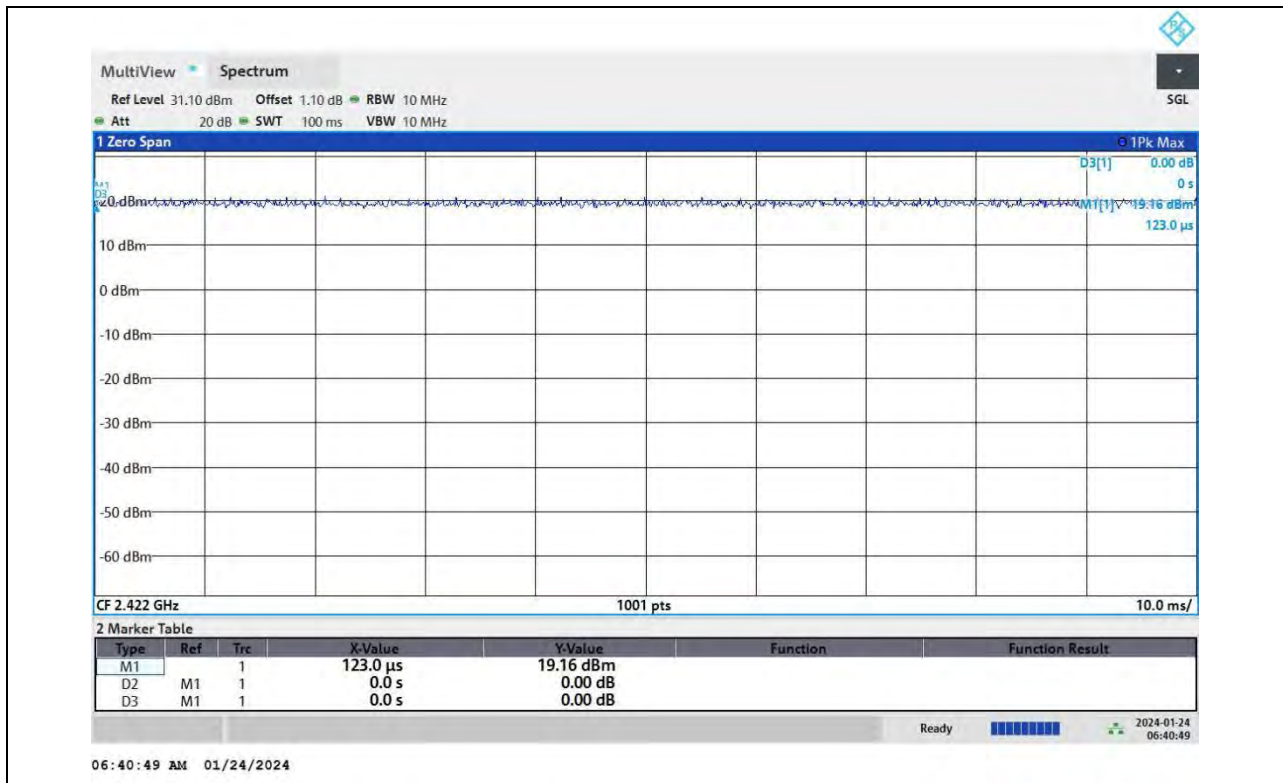


11N40_Ant5_2422



BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF10





Reference No.: PSU-QSU2312140113RF10

WLAN 2.4G BEAMFORMING

DTS BANDWIDTH

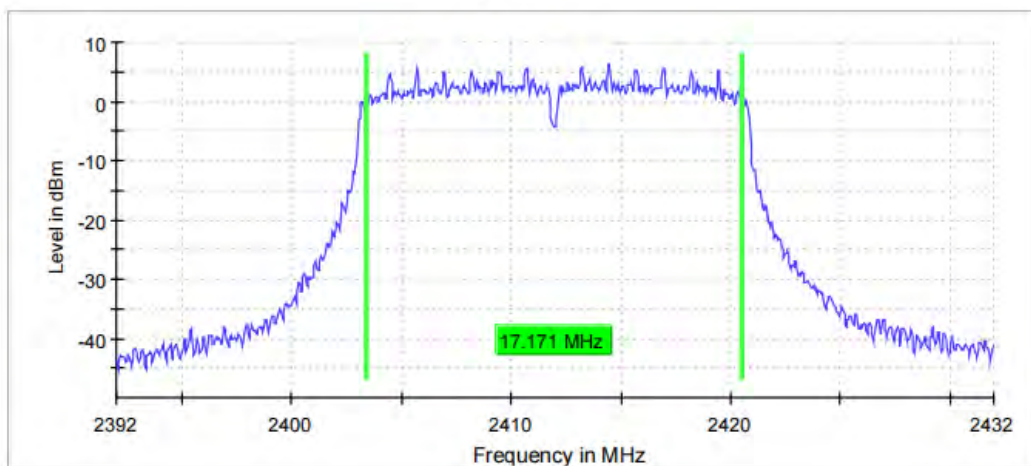
TEST RESULT

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20-MI MO	Ant5	2412	17.171	2403.364	2420.536	0.5	PASS
	Ant6	2412	17.422	2403.364	2420.786	0.5	PASS
	Ant5	2437	17.322	2428.114	2445.436	0.5	PASS
	Ant6	2437	17.272	2428.114	2445.385	0.5	PASS
	Ant5	2462	16.921	2453.514	2470.436	0.5	PASS
	Ant6	2462	16.921	2453.514	2470.436	0.5	PASS
11N40-MI MO	Ant5	2422	35.272	2404.364	2439.636	0.5	PASS
	Ant6	2422	35.272	2404.364	2439.636	0.5	PASS
	Ant5	2437	35.772	2419.014	2454.786	0.5	PASS
	Ant6	2437	35.222	2419.364	2454.586	0.5	PASS
	Ant5	2452	35.622	2434.014	2469.636	0.5	PASS
	Ant6	2452	35.822	2433.814	2469.636	0.5	PASS

TEST GRAPHS

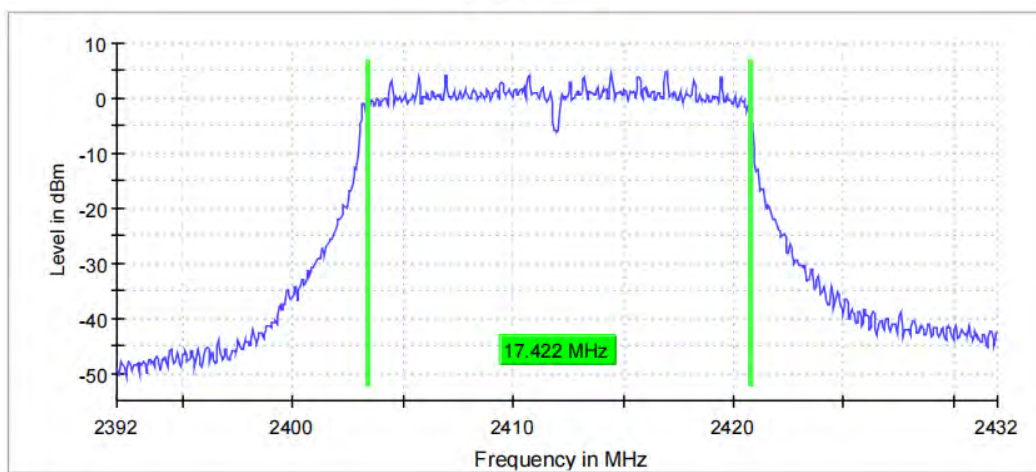
11N20_Ant5_2412

6 dB Bandwidth



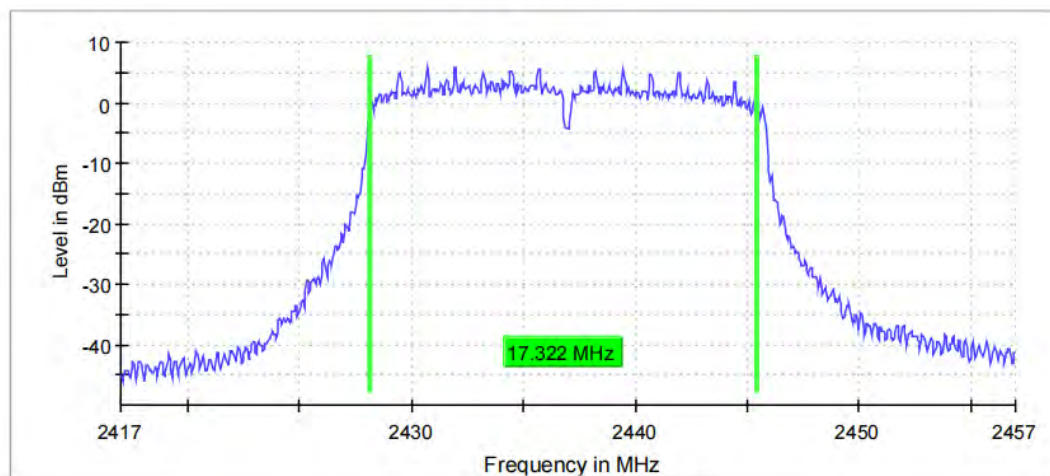
11N20_Ant6_2412

6 dB Bandwidth



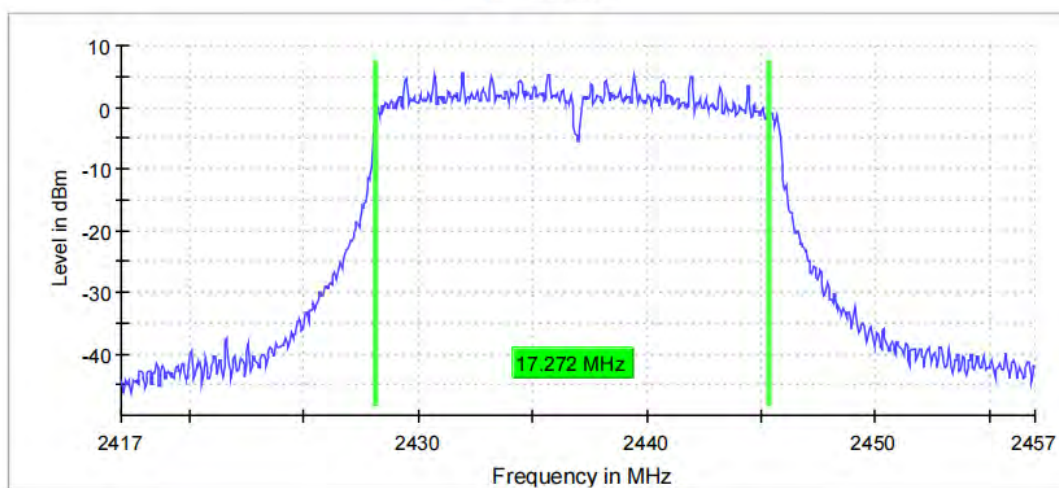
11N20_Ant5_2437

6 dB Bandwidth



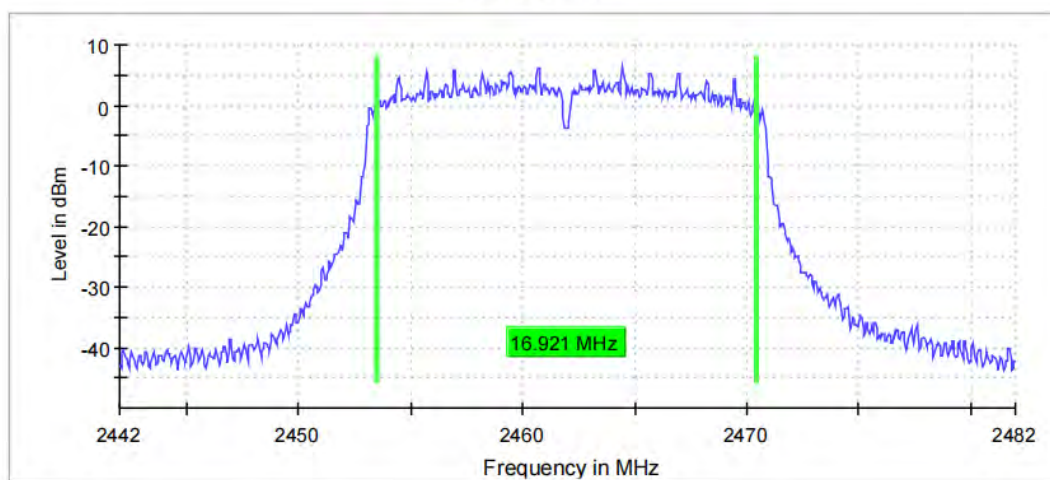
11N20_Ant6_2437

6 dB Bandwidth



11N20_Ant5_2462

6 dB Bandwidth



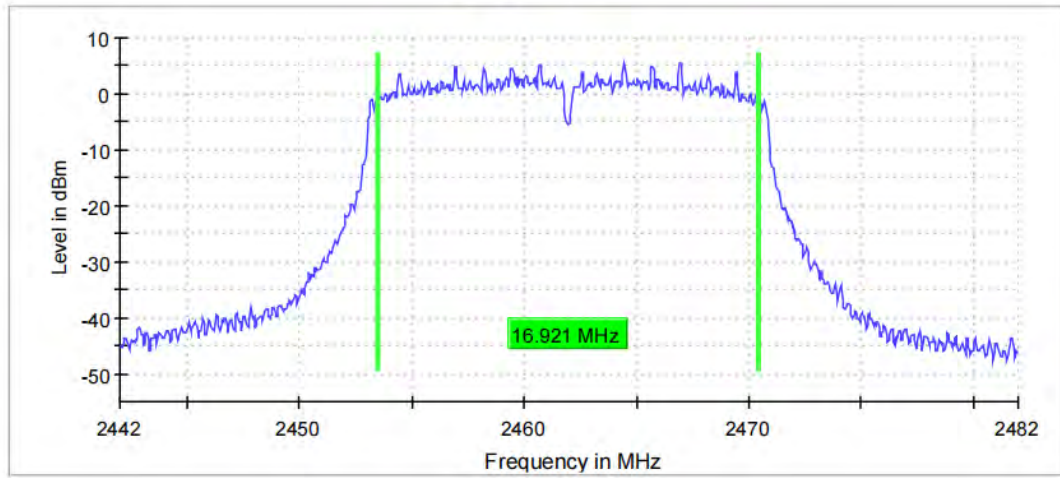


BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF10

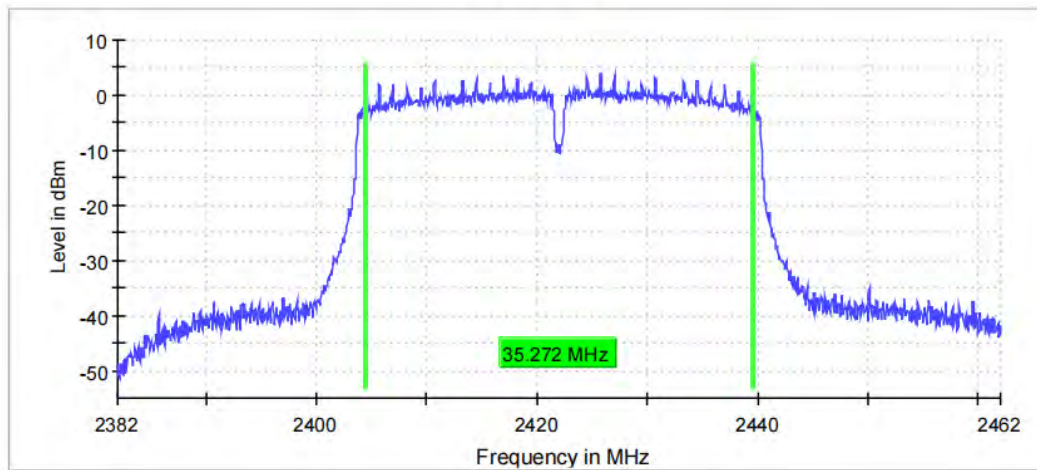
11N20_Ant6_2462

6 dB Bandwidth

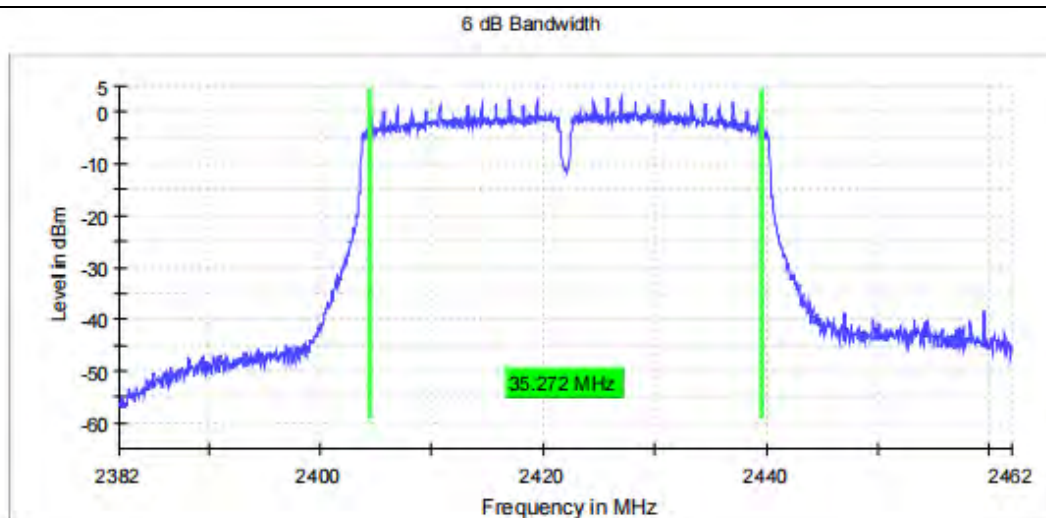


11N40_Ant5_2422

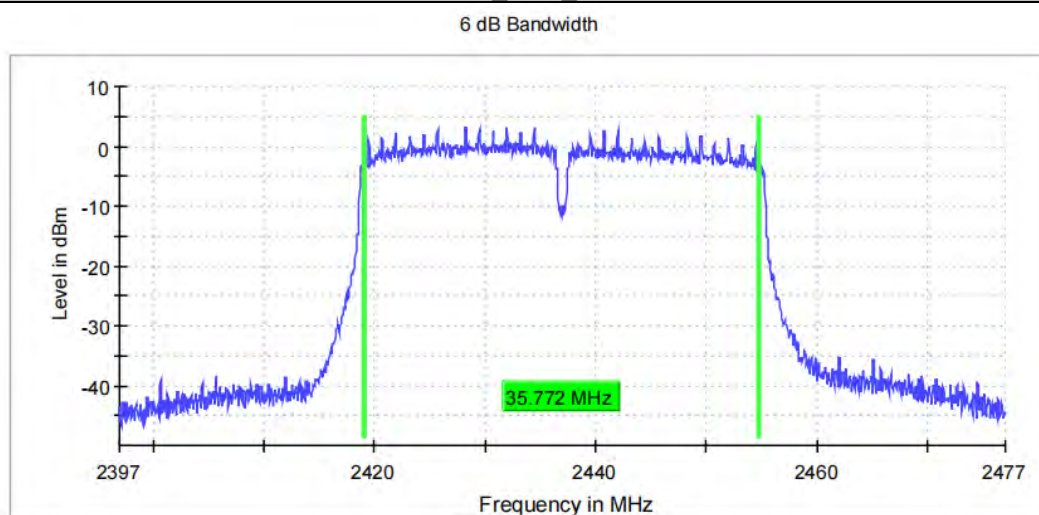
6 dB Bandwidth



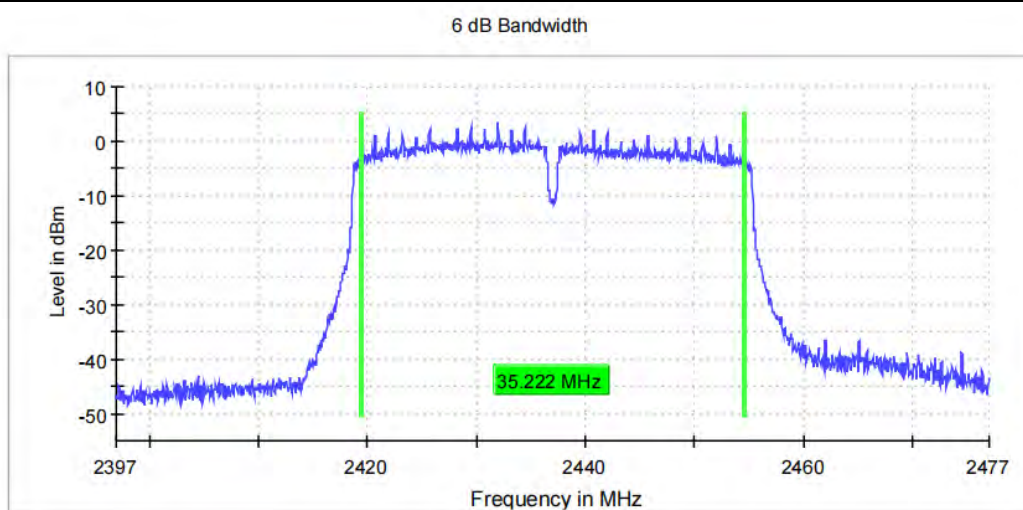
11N40_Ant6_2422



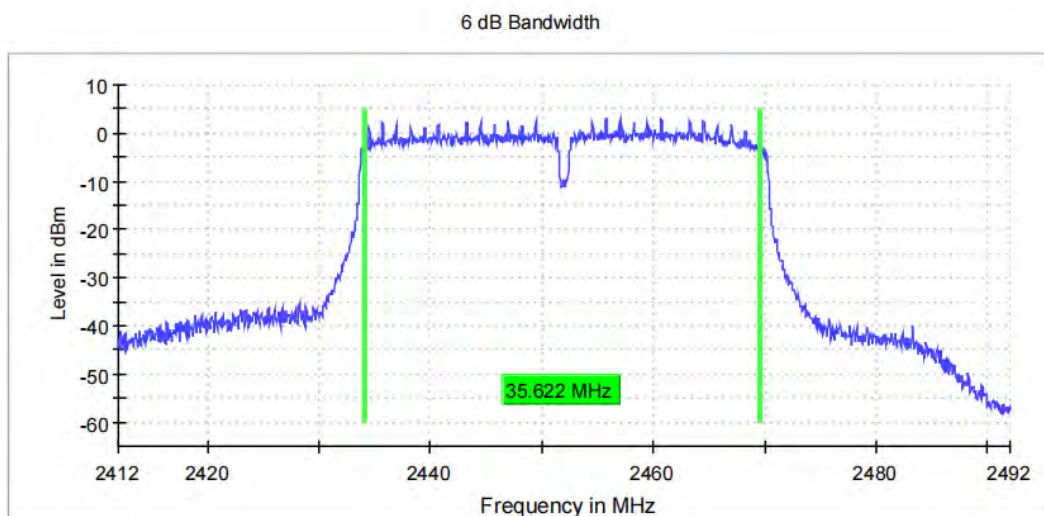
11N40_Ant5_2437



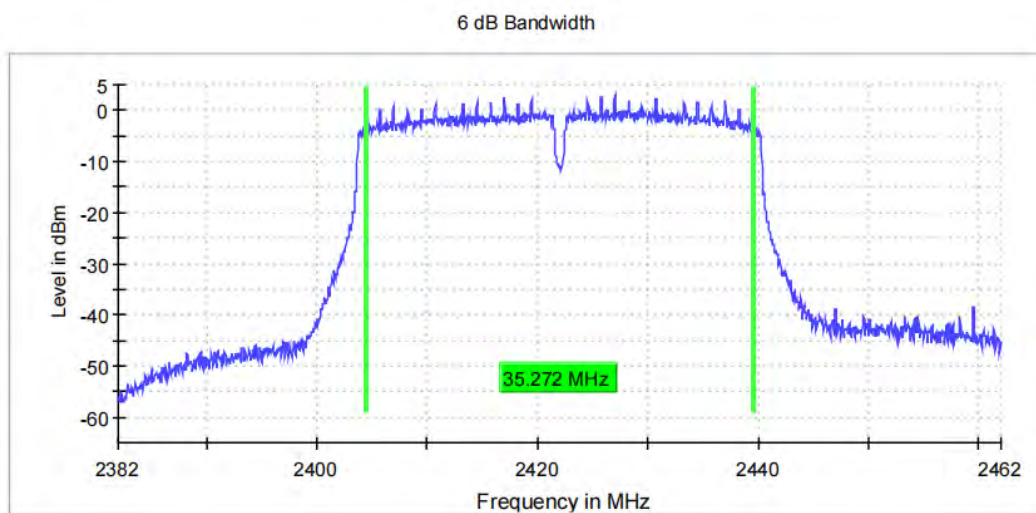
11N40_Ant6_2437



11N40_Ant5_2452



11N40 Ant6 2452



20M
RBW 100.000 kHz
VBW 300.000 kHz
40M
RBW 100.000 kHz
VBW 300.000 kHz

OCCUPIED CHANNEL BANDWIDTH

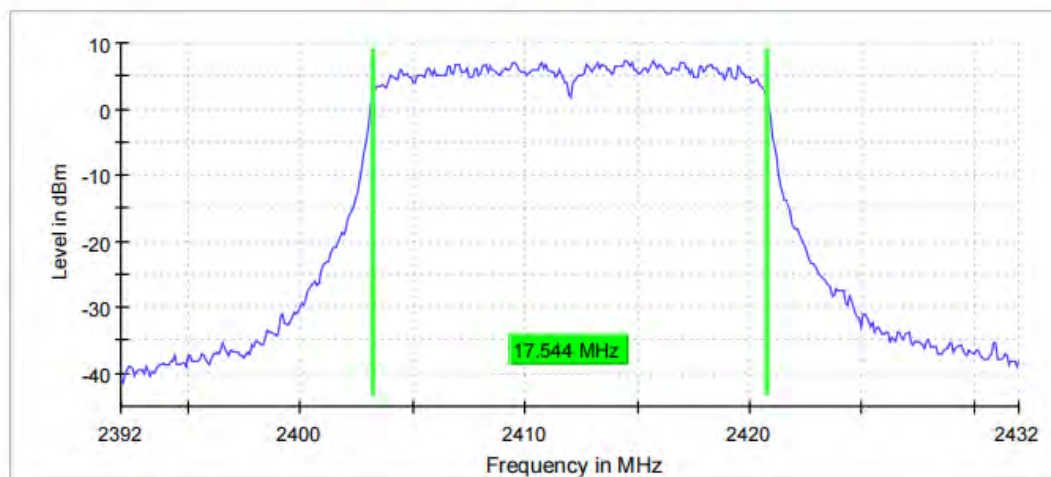
TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20-MI MO	Ant5	2412	17.544	2403.228	2420.772	---	---
	Ant6	2412	17.644	2403.128	2420.772	---	---
	Ant5	2437	17.644	2428.128	2445.772	---	---
	Ant6	2437	17.644	2428.128	2445.772	---	---
	Ant5	2462	17.544	2453.228	2470.772	---	---
	Ant6	2462	17.544	2453.228	2470.772	---	---
11N40-MI MO	Ant5	2422	36.113	2403.818	2439.931	---	---
	Ant6	2422	36.364	2403.818	2440.182	---	---
	Ant5	2437	36.364	2418.818	2455.182	---	---
	Ant6	2437	36.364	2418.818	2455.182	---	---
	Ant5	2452	36.113	2433.818	2469.931	---	---
	Ant6	2452	36.364	2433.818	2470.182	---	---

TEST GRAPHS

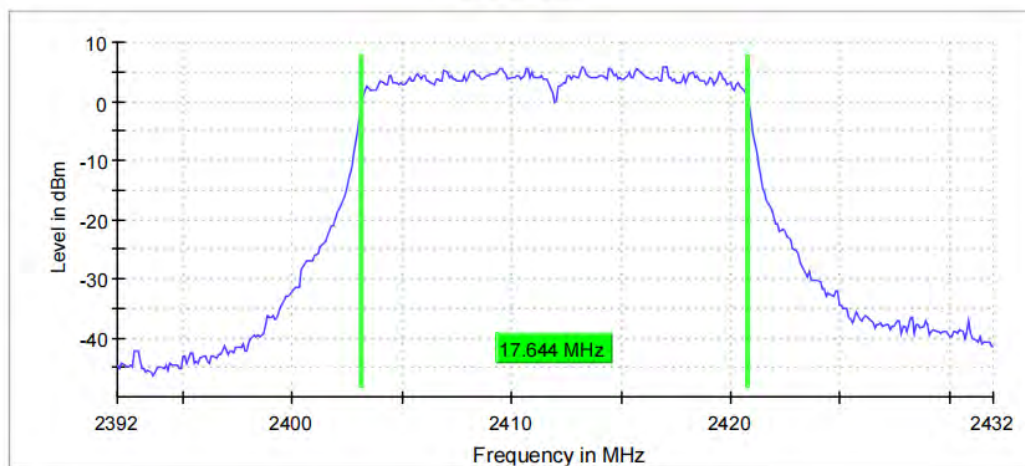
11N20_Ant5_2412

99 % Bandwidth



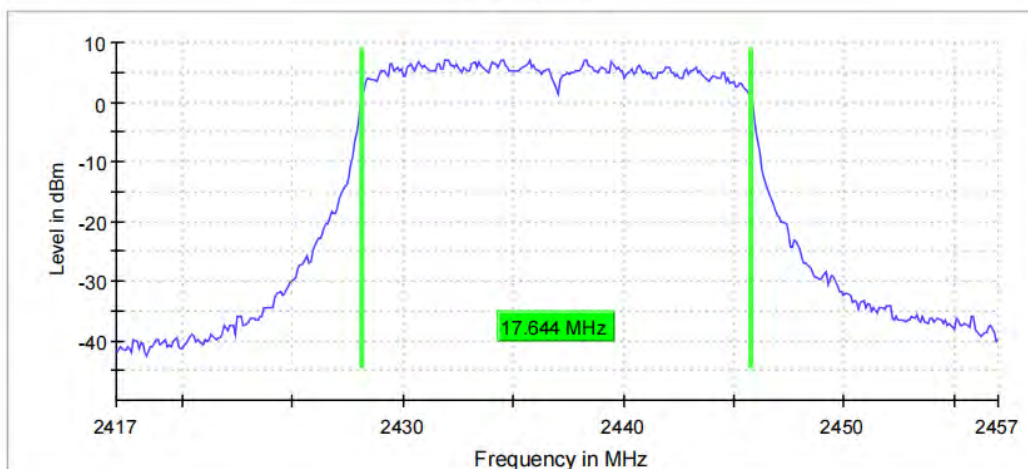
11N20_Ant6_2412

99 % Bandwidth



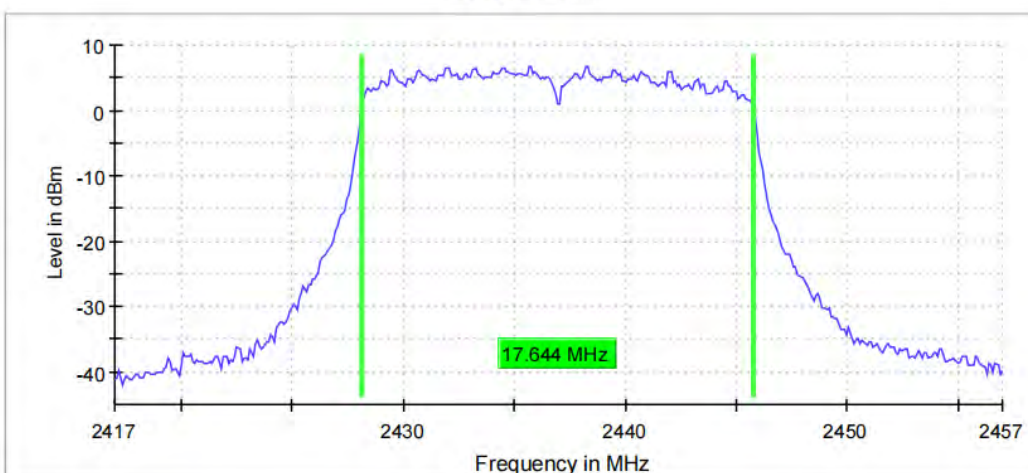
11N20_Ant5_2437

99 % Bandwidth



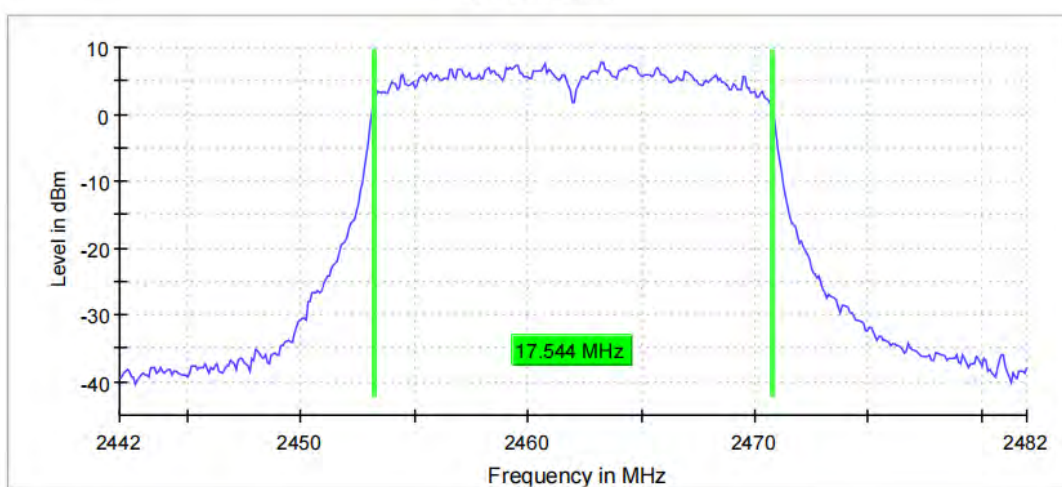
11N20 Ant6 2437

99 % Bandwidth

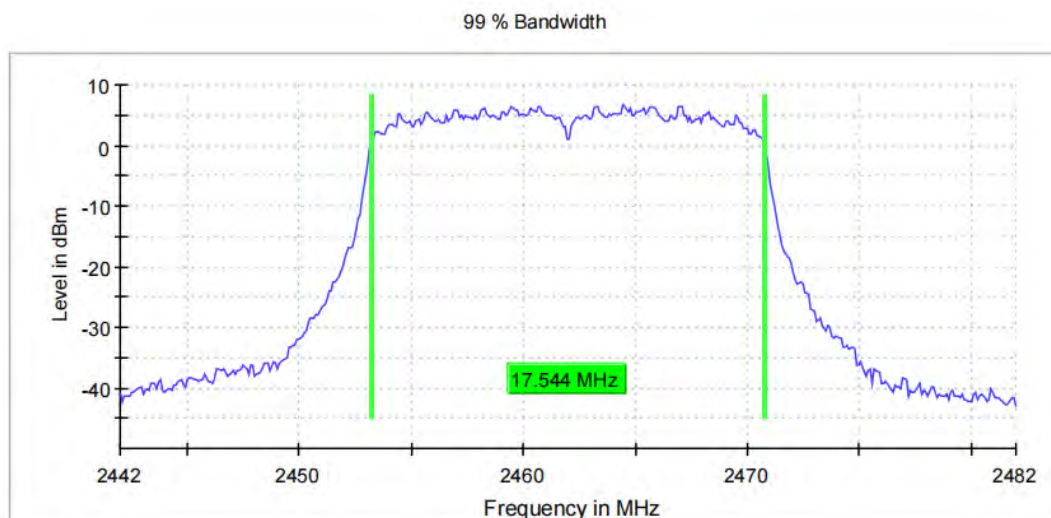


11N20 Ant5 2462

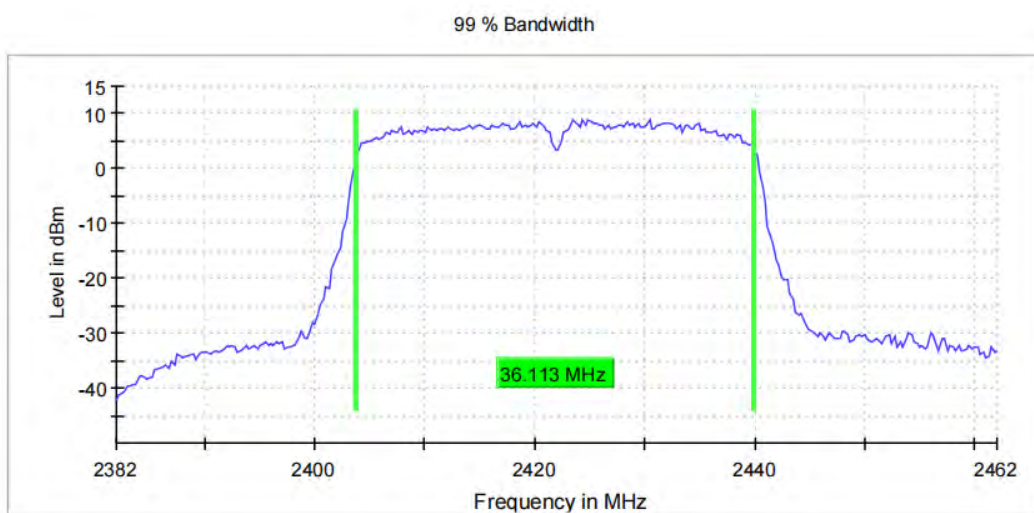
99 % Bandwidth



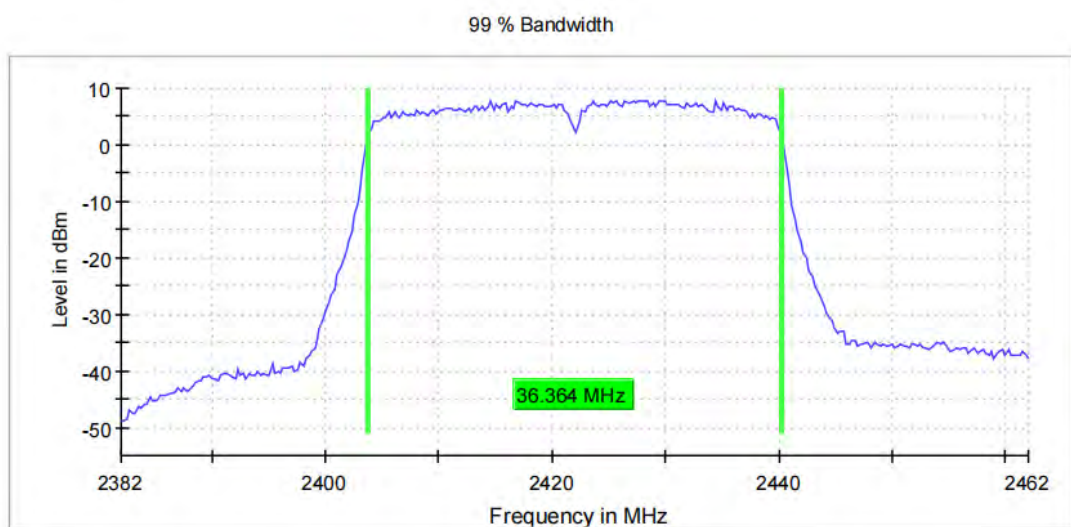
11N20 Ant6 2462



11N40_Ant5_2422

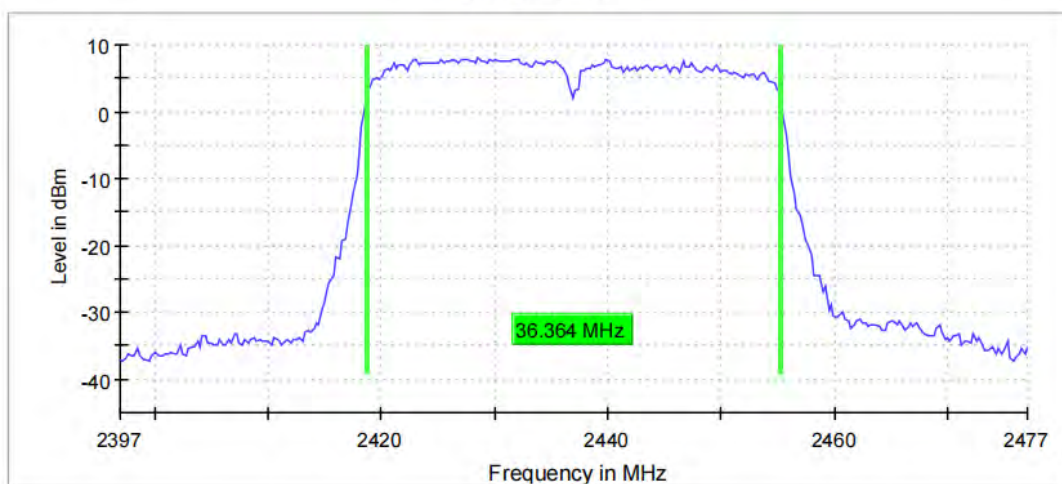


11N40_Ant6_2422



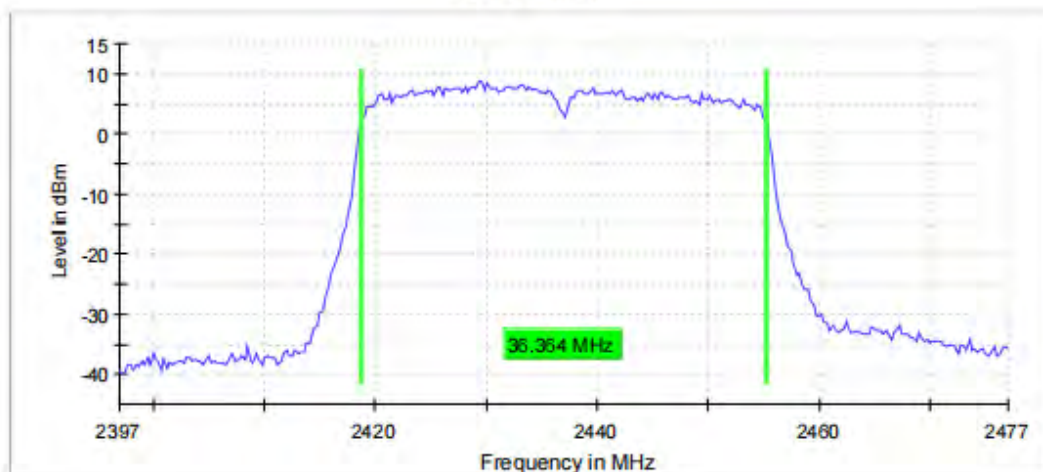
11N40_Ant5_2437

99 % Bandwidth



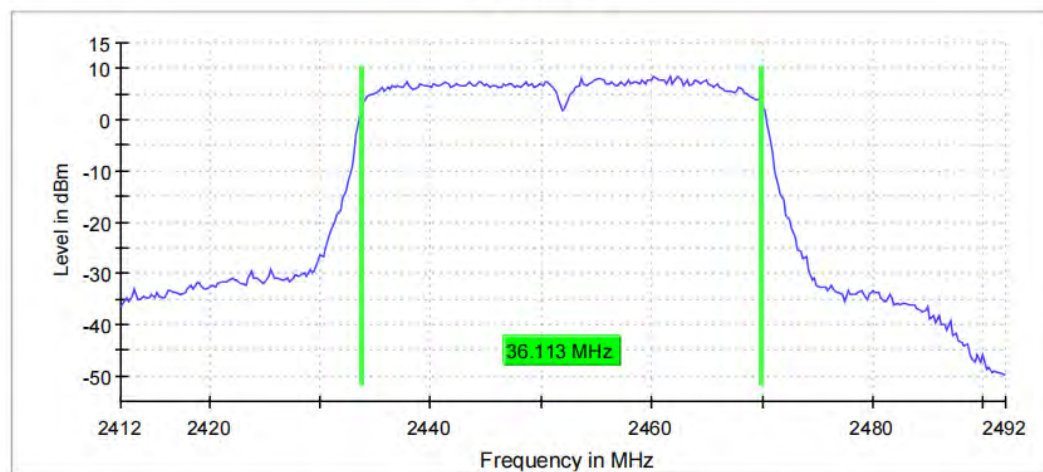
11N40_Ant6_2437

99 % Bandwidth



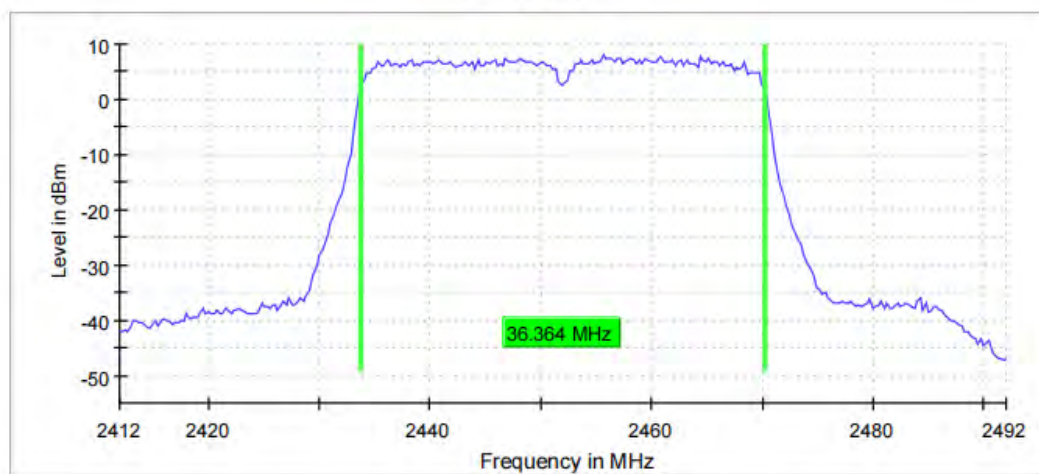
11N40_Ant5_2452

99 % Bandwidth



11N40_Ant6_2452

99 % Bandwidth



20M
RBW 200.000 kHz
VBW 1.000 MHz
40M
RBW 500.000 kHz
VBW 2.000 MHz