

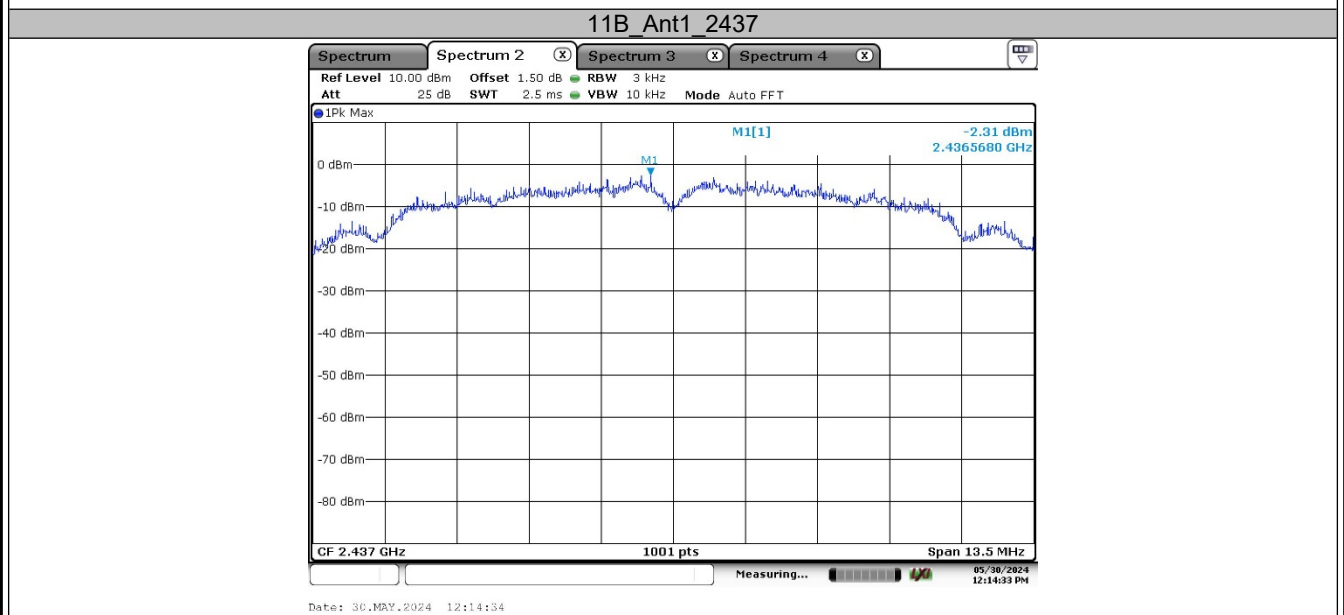
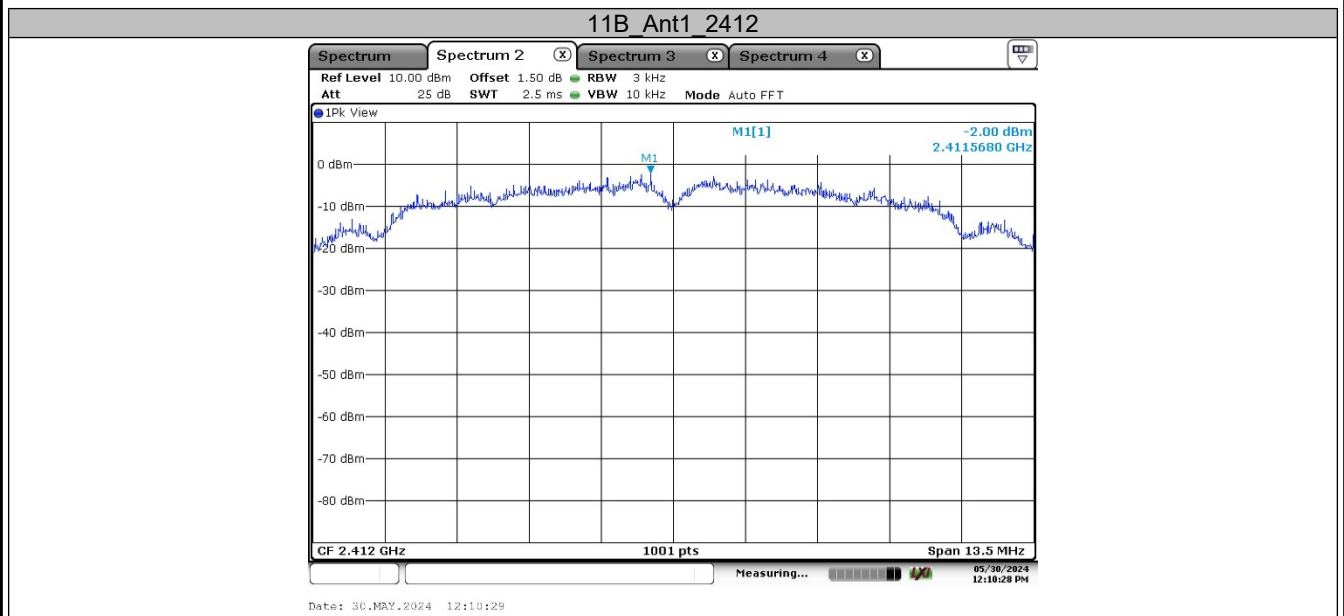
APPENDIX B: TEST RESULTS OF WI-FI 802.11 B/G/N

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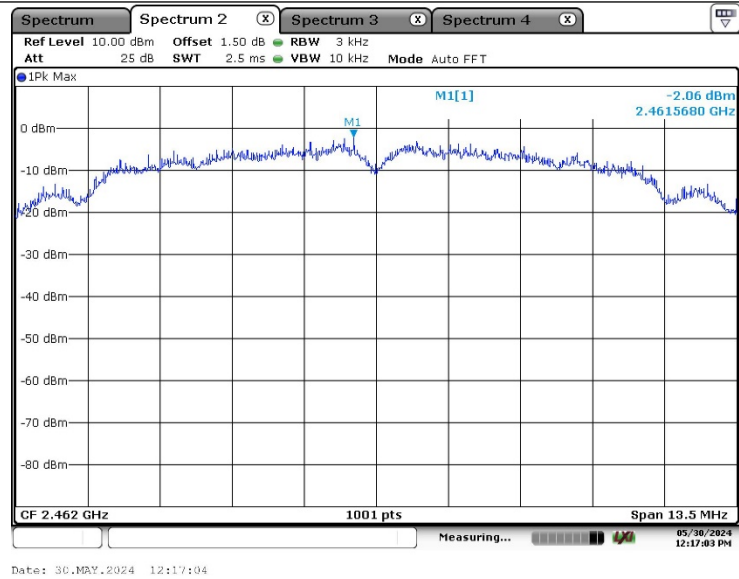
APPENDIX B.1: CONDUCTED PEAK POWER SPECTRAL DENSITY

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.00	≤8.00	PASS
		2437	-2.31	≤8.00	PASS
		2462	-2.06	≤8.00	PASS
11G	Ant1	2412	-7.04	≤8.00	PASS
		2437	-7.26	≤8.00	PASS
		2462	-6.97	≤8.00	PASS
11N20SISO	Ant1	2412	-7.21	≤8.00	PASS
		2437	-7.43	≤8.00	PASS
		2462	-7.15	≤8.00	PASS
11N40SISO	Ant1	2422	-10.24	≤8.00	PASS
		2437	-10.56	≤8.00	PASS
		2452	-10.10	≤8.00	PASS

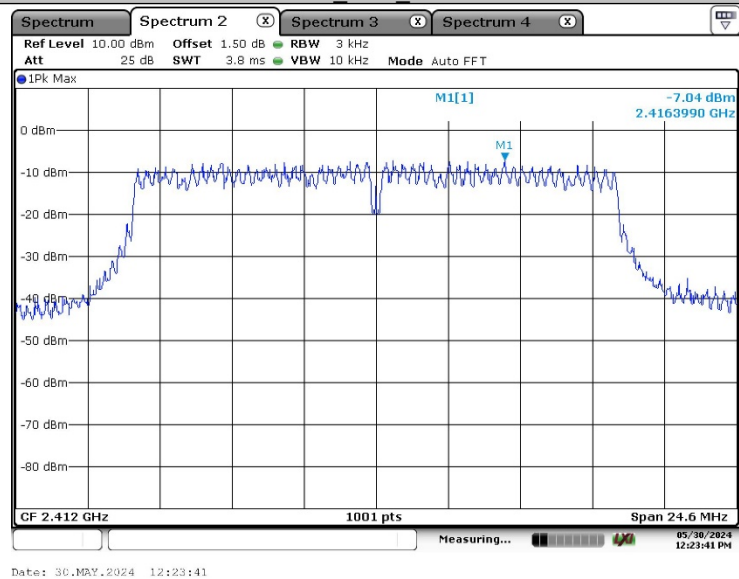
Test Graphs



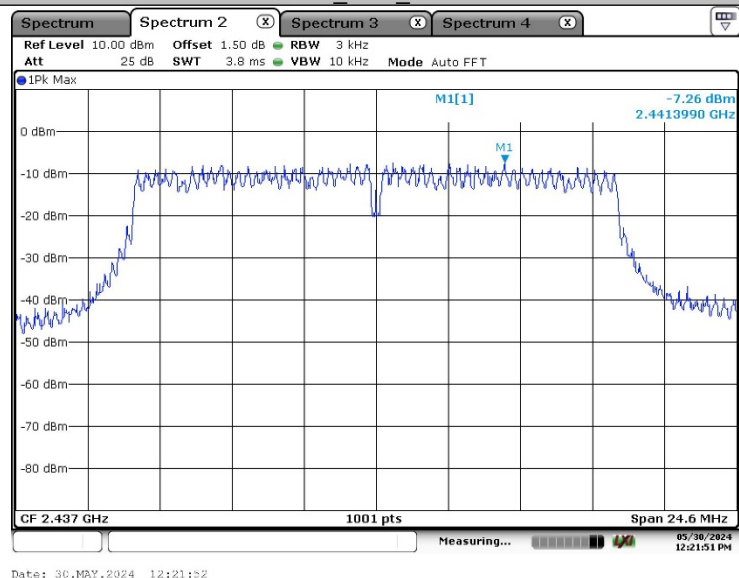
11B_Ant1_2462



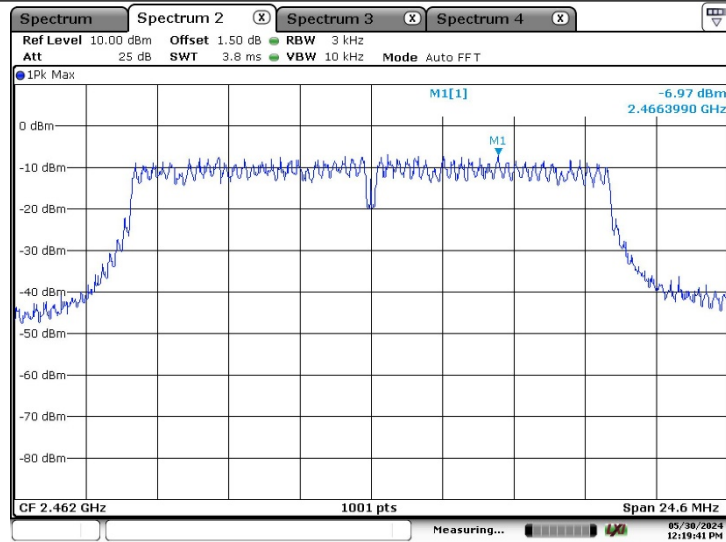
11G_Ant1_2412



11G_Ant1_2437

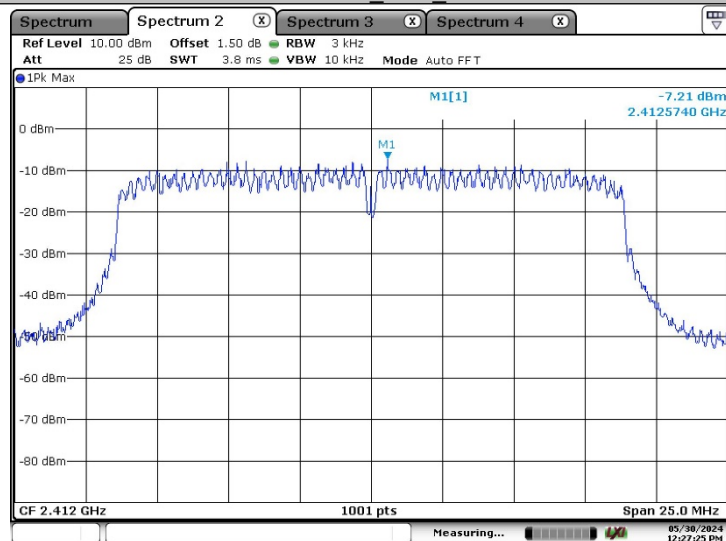


11G_Ant1_2462



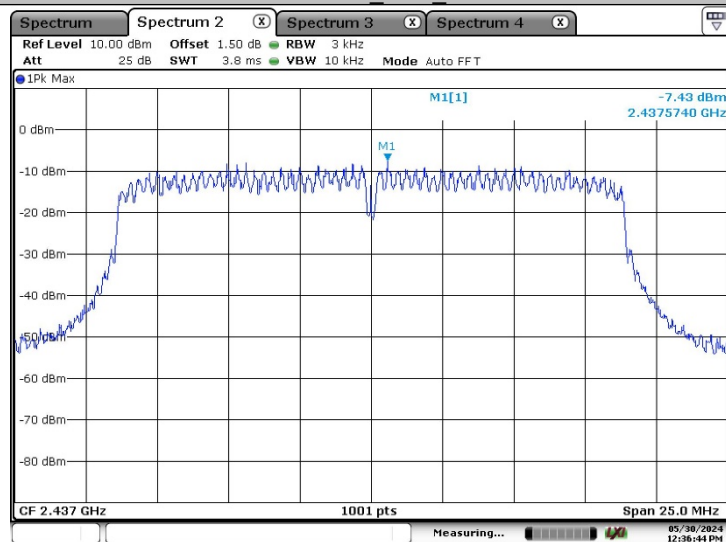
Date: 30.MAY.2024 12:19:41

11N20SISO_Ant1_2412



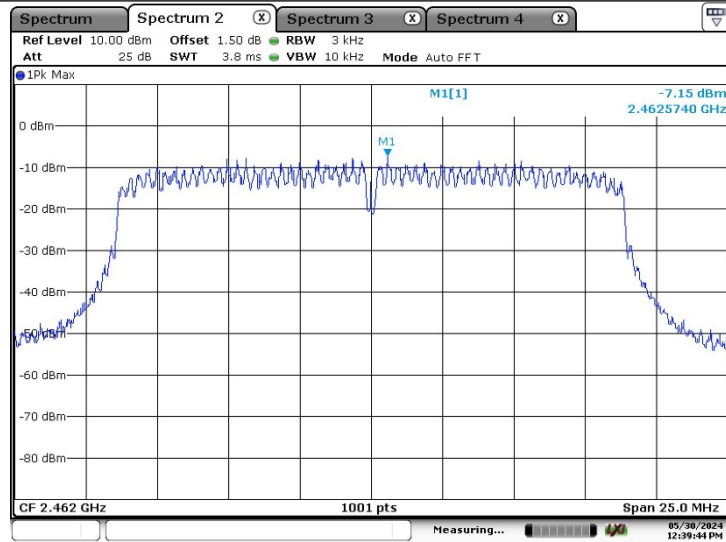
Date: 30.MAY.2024 12:27:25

11N20SISO_Ant1_2437



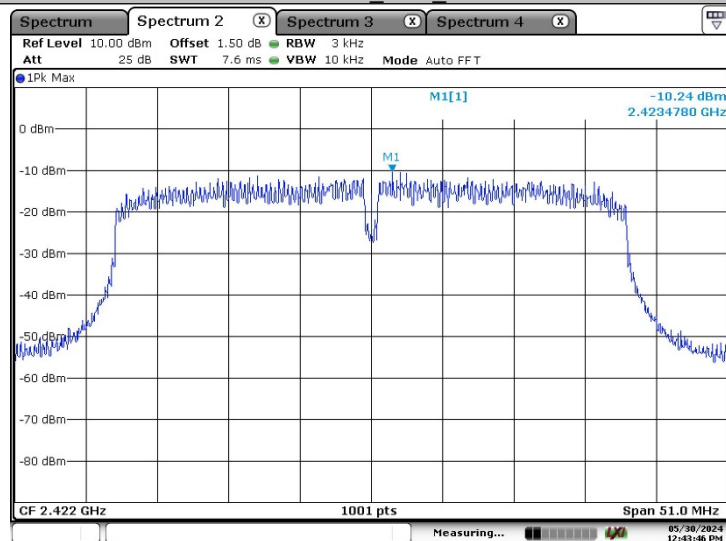
Date: 30.MAY.2024 12:36:44

11N20SISO Ant1 2462



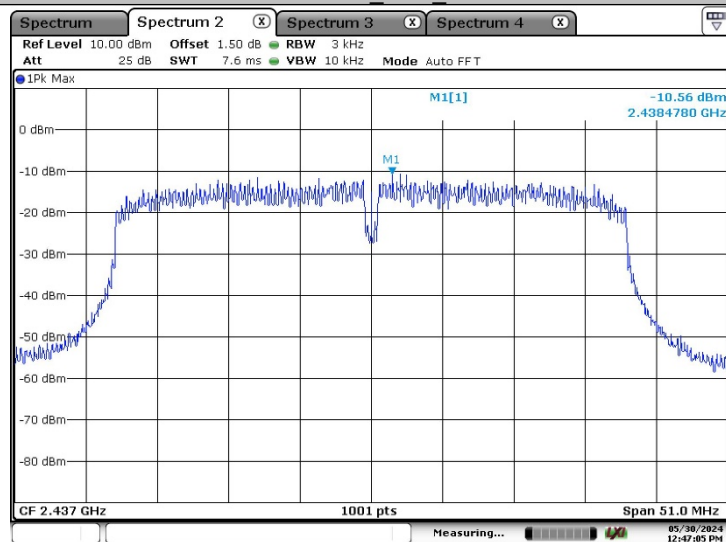
Date: 30.MAY.2024 12:35:44

11N40SISO Ant1 2422

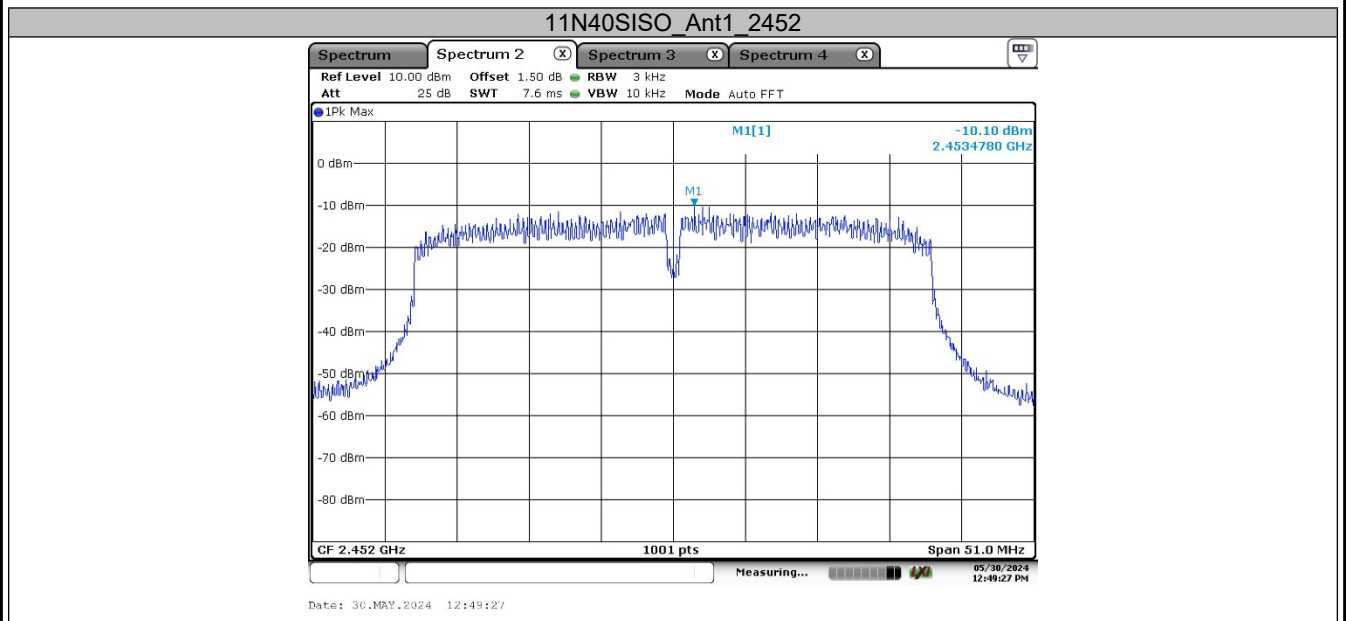


Date: 30.MAY.2024 12:43:46

11N40SISO Ant1 2437



Date: 30.MAY.2024 12:47:05



APPENDIX B.2: 6dB BANDWIDTH

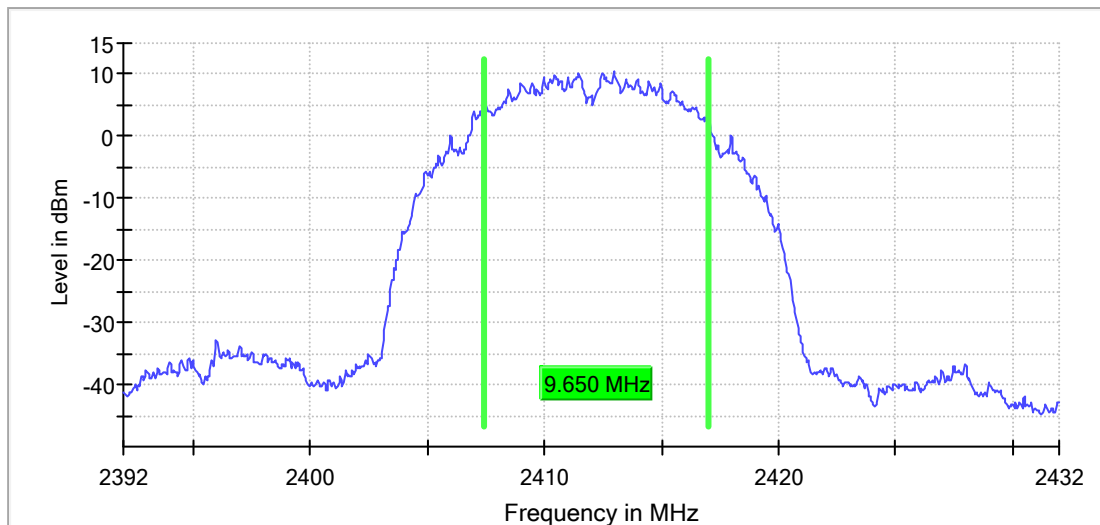
11b

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	9.650000	0.500000	---	2407.375000	2417.025000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	10.5	PASS

6 dB Bandwidth

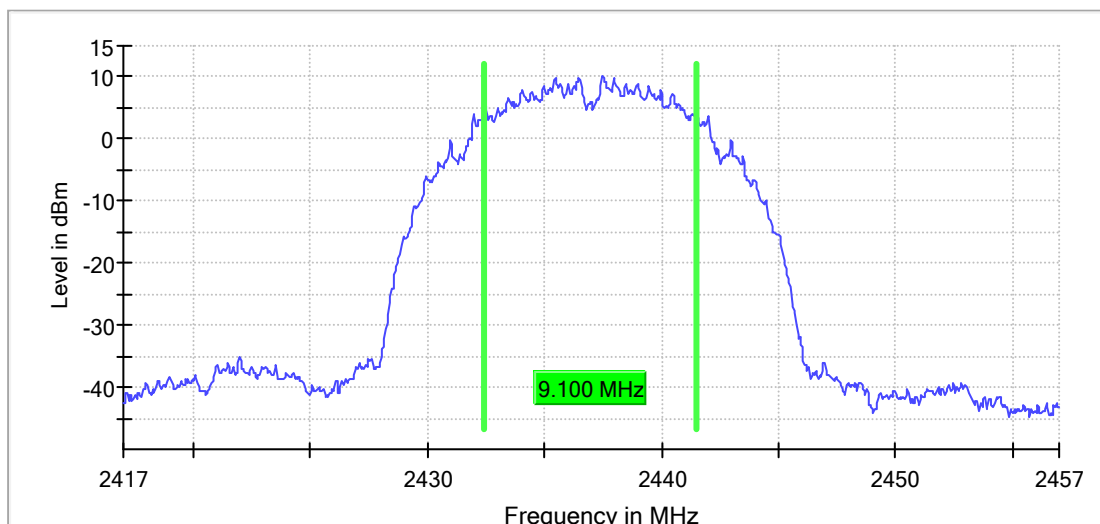


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	9.100000	0.500000	---	2432.425000	2441.525000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	10.1	PASS

6 dB Bandwidth

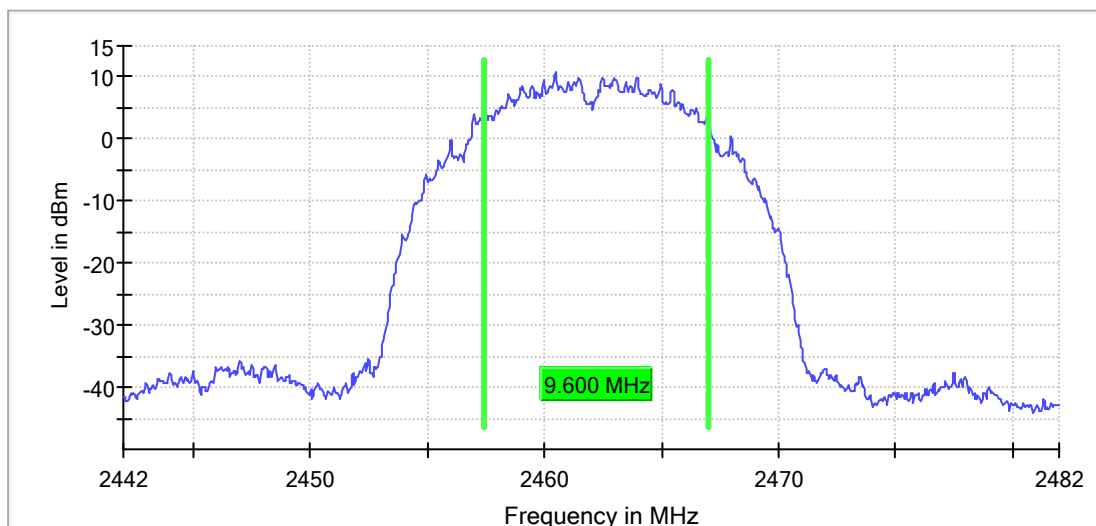


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	9.600000	0.500000	---	2457.425000	2467.025000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	10.7	PASS

6 dB Bandwidth



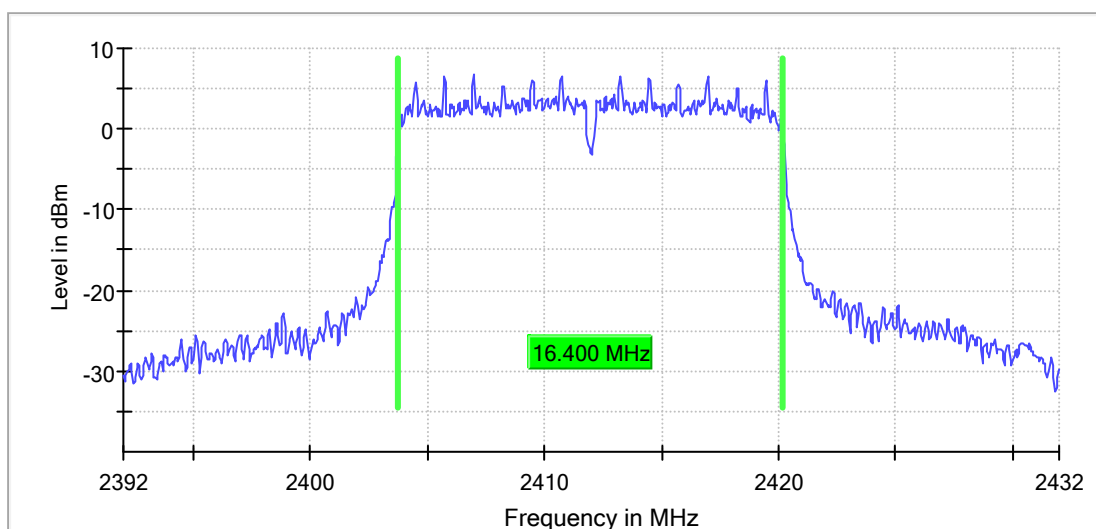
11g

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.400000	0.500000	---	2403.775000	2420.175000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	6.7	PASS

6 dB Bandwidth

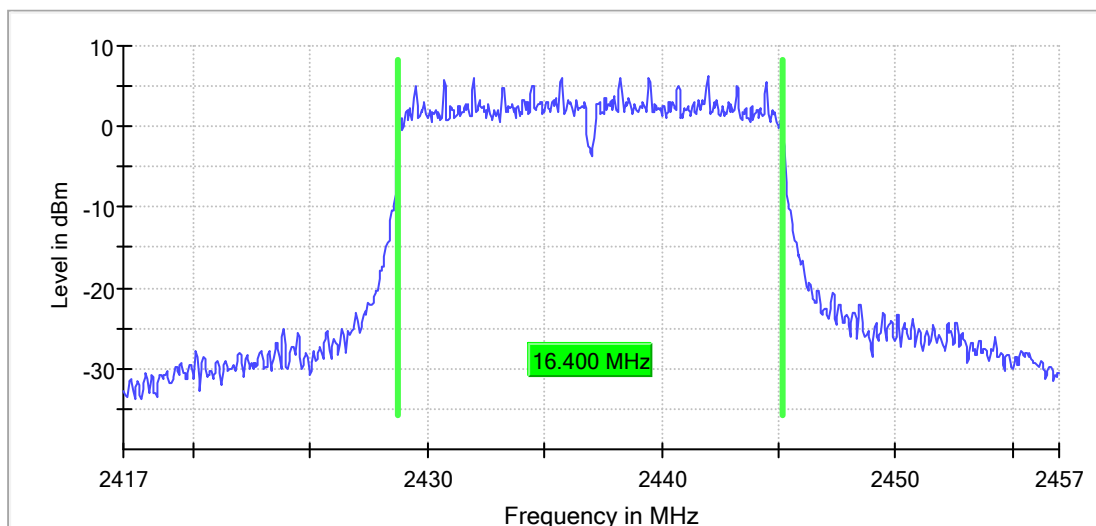


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.400000	0.500000	---	2428.775000	2445.175000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	6.2	PASS

6 dB Bandwidth

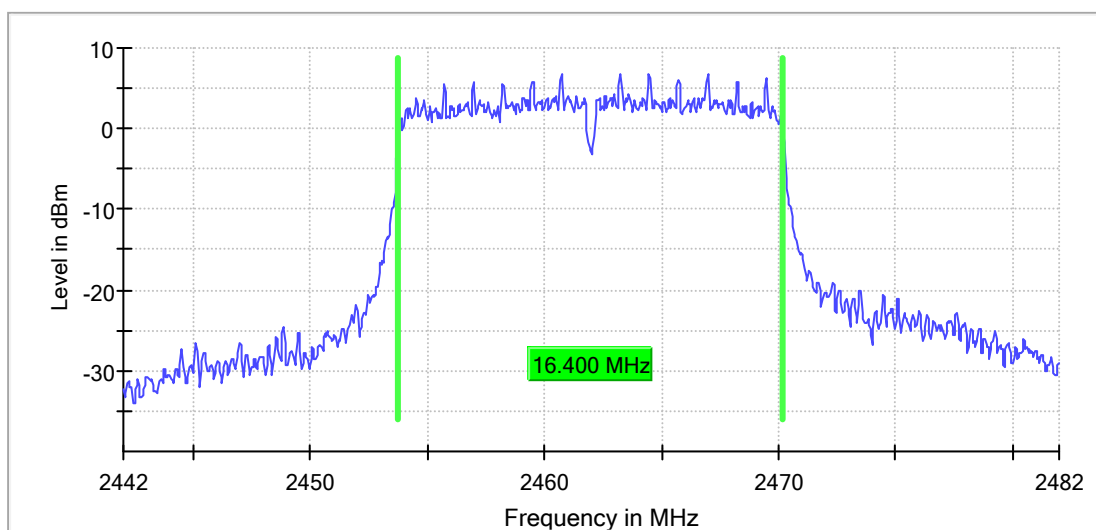


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.400000	0.500000	---	2453.775000	2470.175000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	6.9	PASS

6 dB Bandwidth



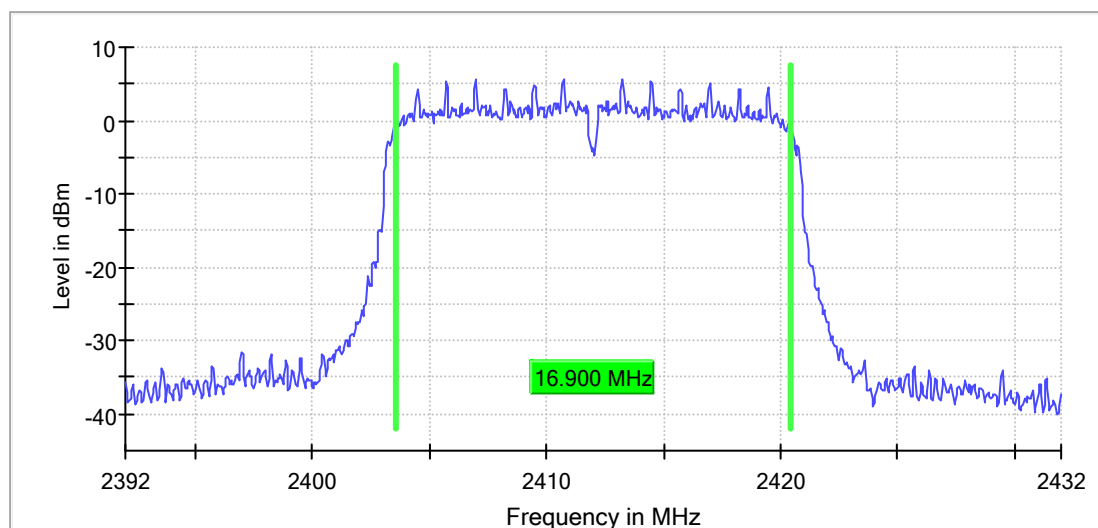
11n 20MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.900000	0.500000	---	2403.525000	2420.425000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	5.6	PASS

6 dB Bandwidth

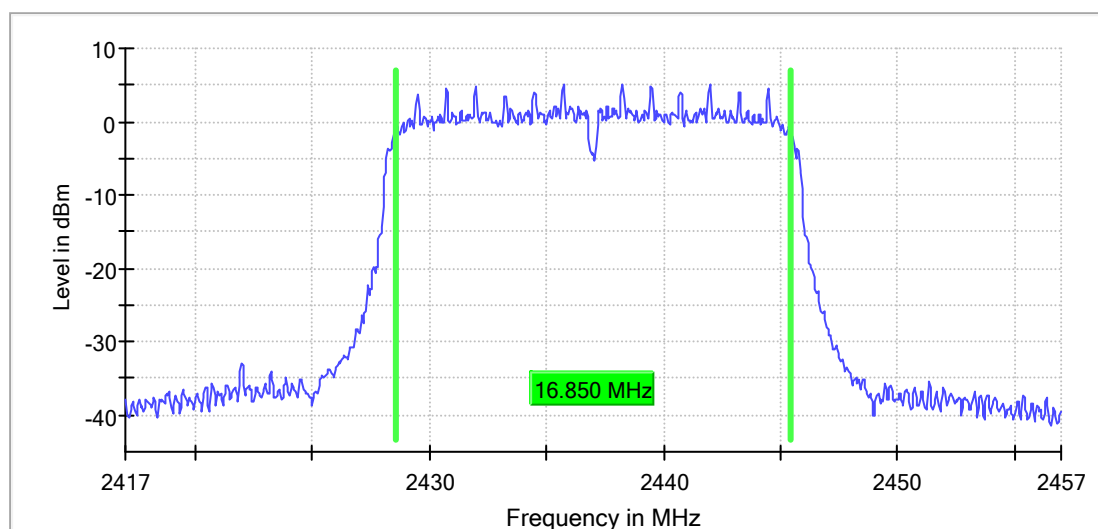


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.850000	0.500000	---	2428.575000	2445.425000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	5.1	PASS

6 dB Bandwidth

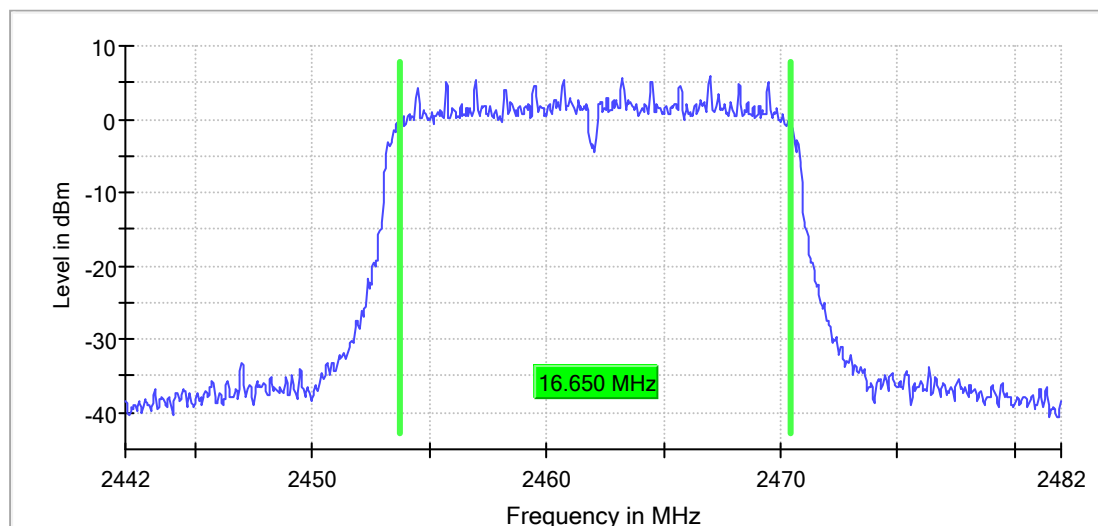


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.650000	0.500000	---	2453.775000	2470.425000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	5.8	PASS

6 dB Bandwidth



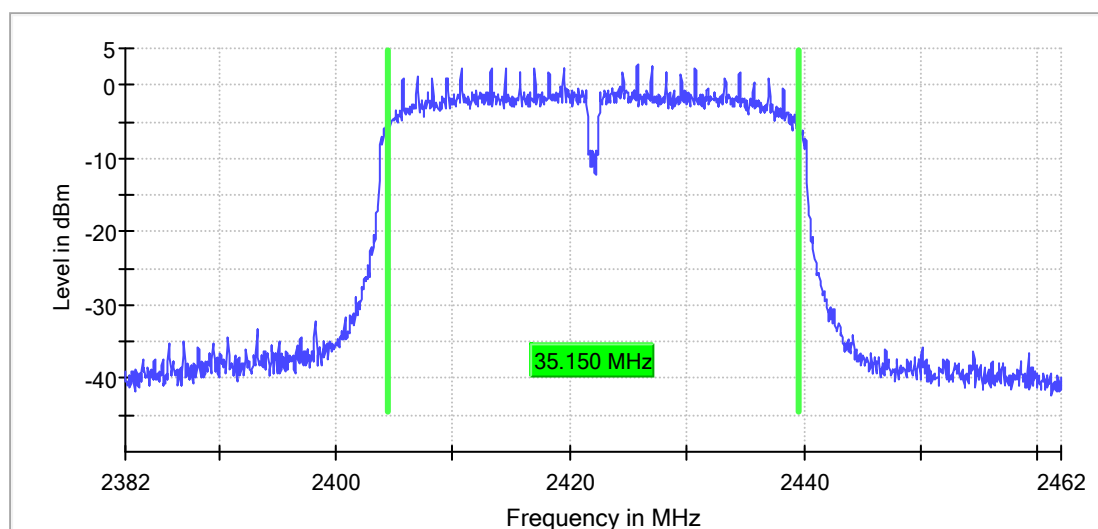
11n 40MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	35.150000	0.500000	---	2404.425000	2439.575000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2422.000000	2.8	PASS

6 dB Bandwidth

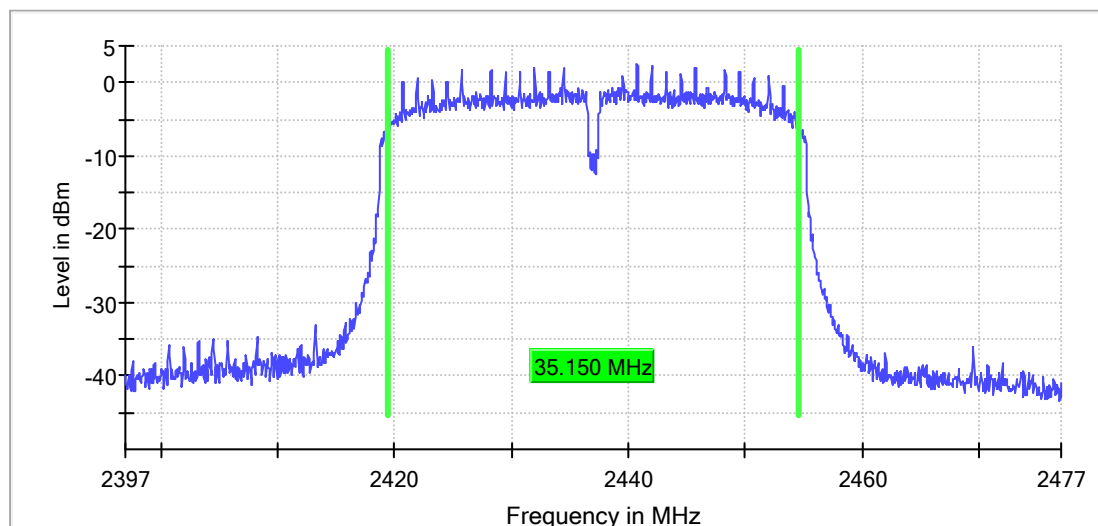


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	35.150000	0.500000	---	2419.425000	2454.575000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	2.5	PASS

6 dB Bandwidth

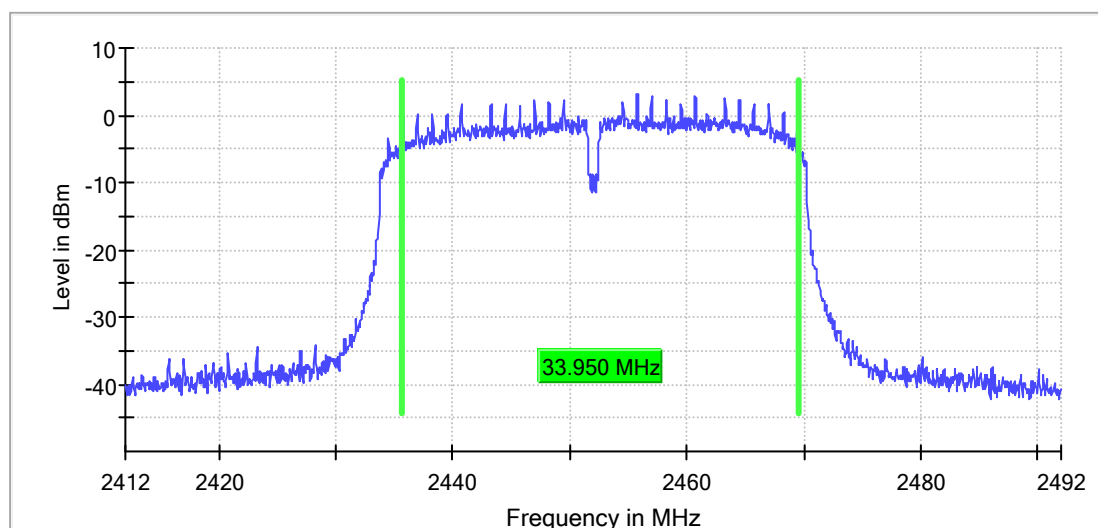


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	33.950000	0.500000	---	2435.625000	2469.575000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2452.000000	3.2	PASS

6 dB Bandwidth



APPENDIX B.3: 99% BANDWIDTH

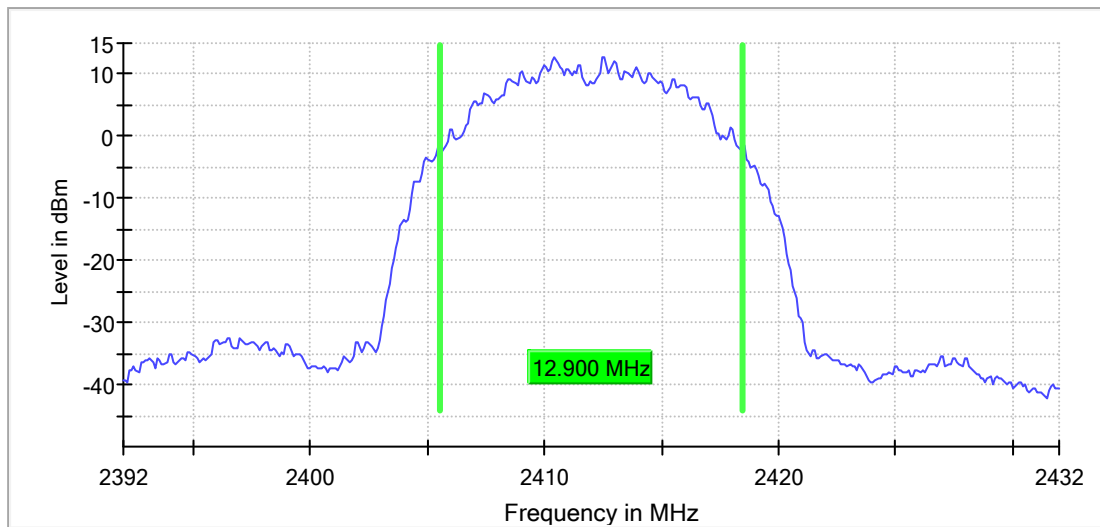
11b

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	12.900000	---	---	2405.550000	2418.450000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99 % Bandwidth

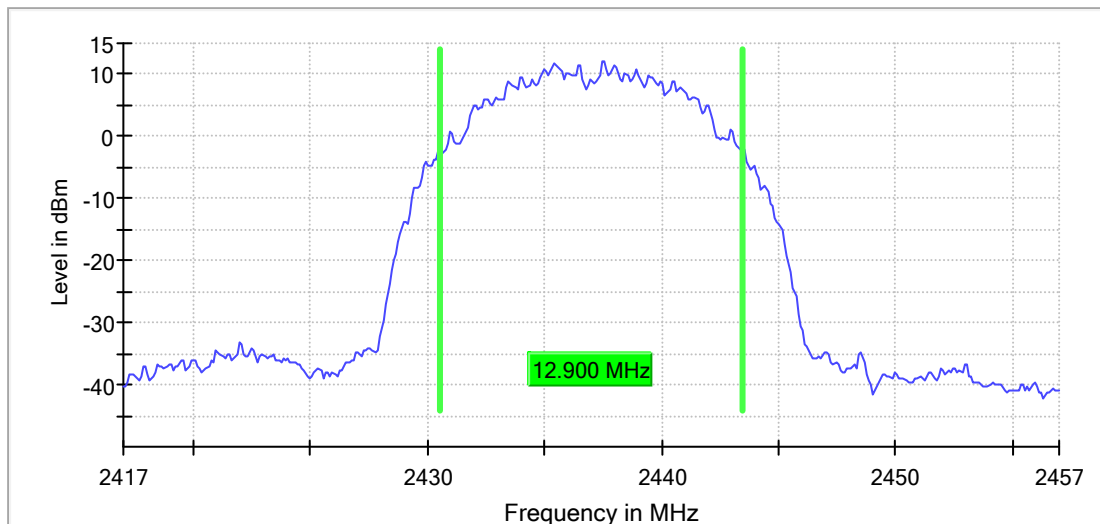


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	12.900000	---	---	2430.550000	2443.450000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth

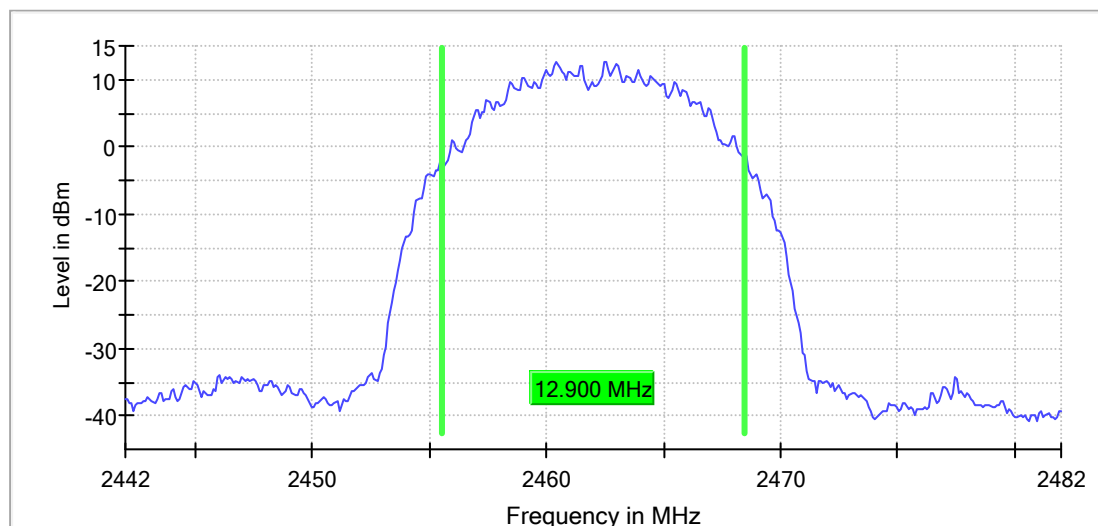


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	12.900000	---	---	2455.550000	2468.450000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99 % Bandwidth



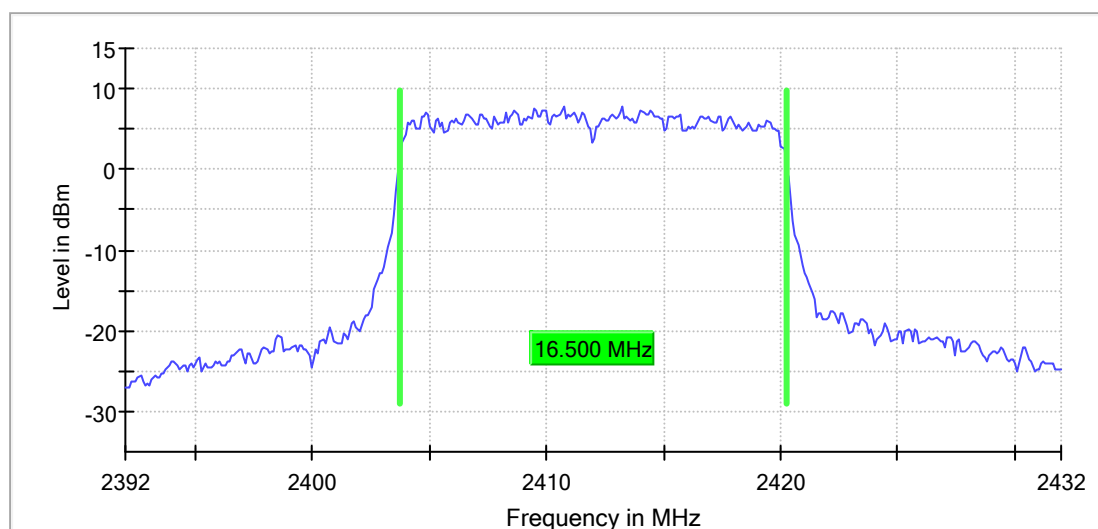
11g

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.500000	---	---	2403.750000	2420.250000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99 % Bandwidth

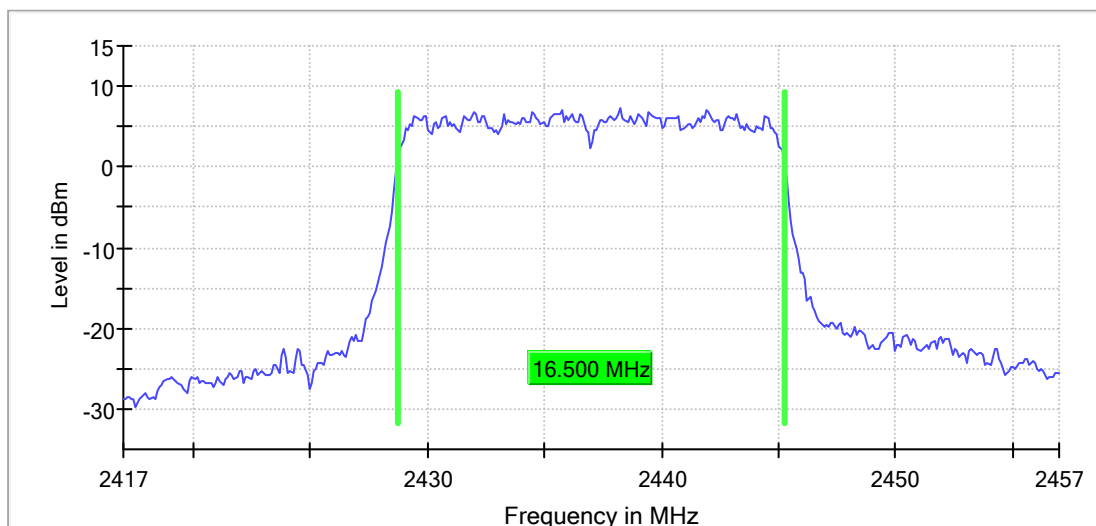


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.500000	---	---	2428.750000	2445.250000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth

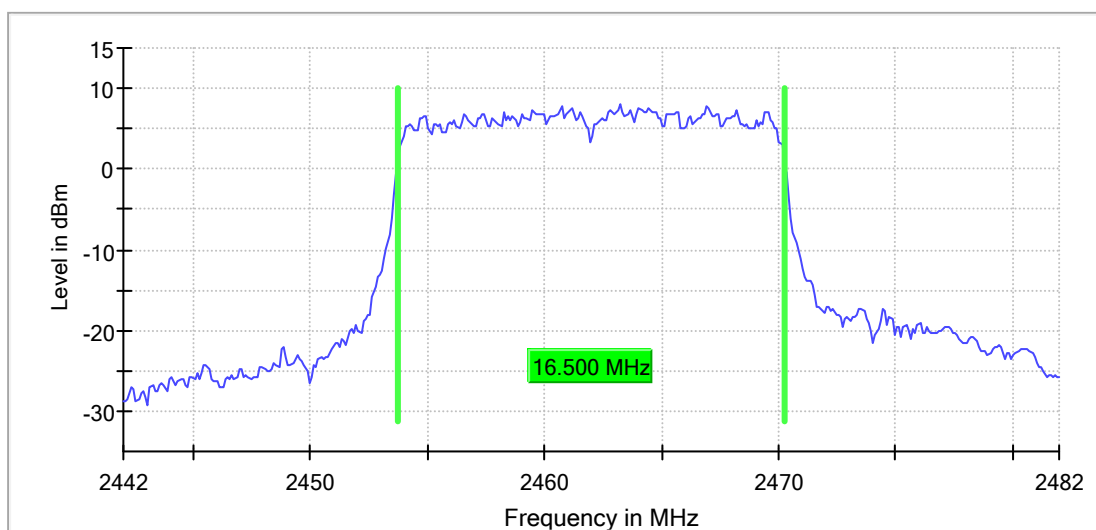


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.500000	---	---	2453.750000	2470.250000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99 % Bandwidth



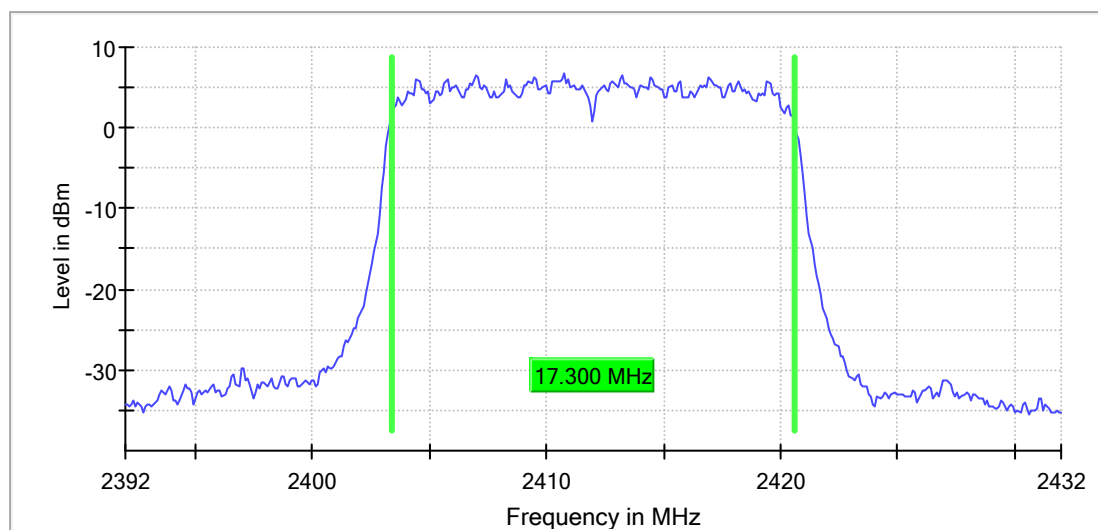
11n 20MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.300000	---	---	2403.350000	2420.650000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99 % Bandwidth

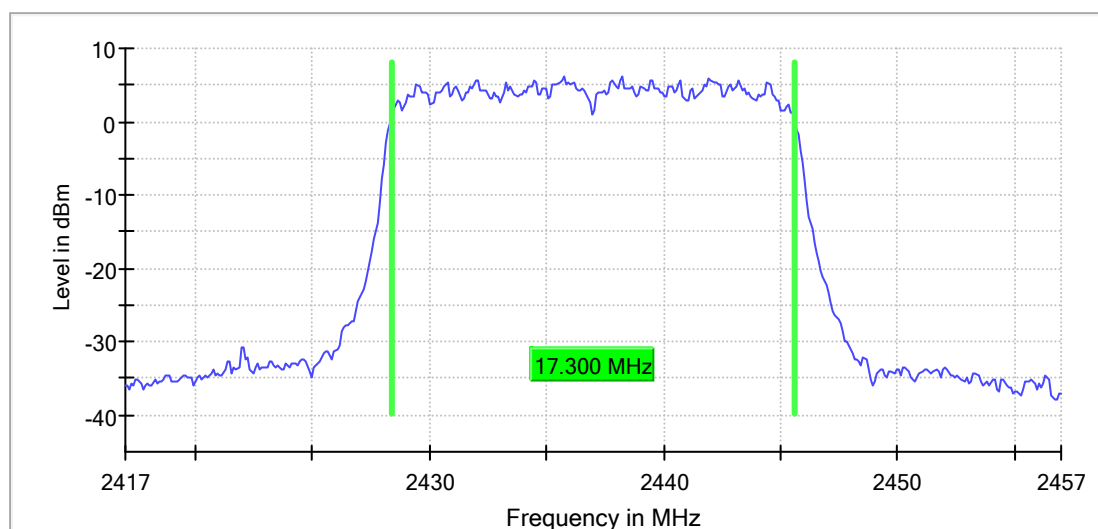


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	17.300000	---	---	2428.350000	2445.650000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth

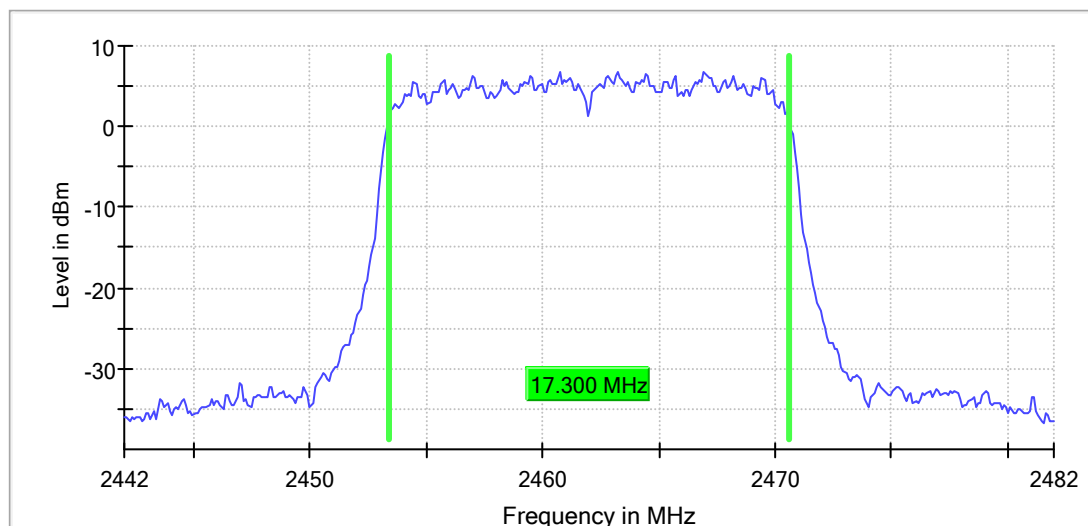


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.300000	---	---	2453.350000	2470.650000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99 % Bandwidth



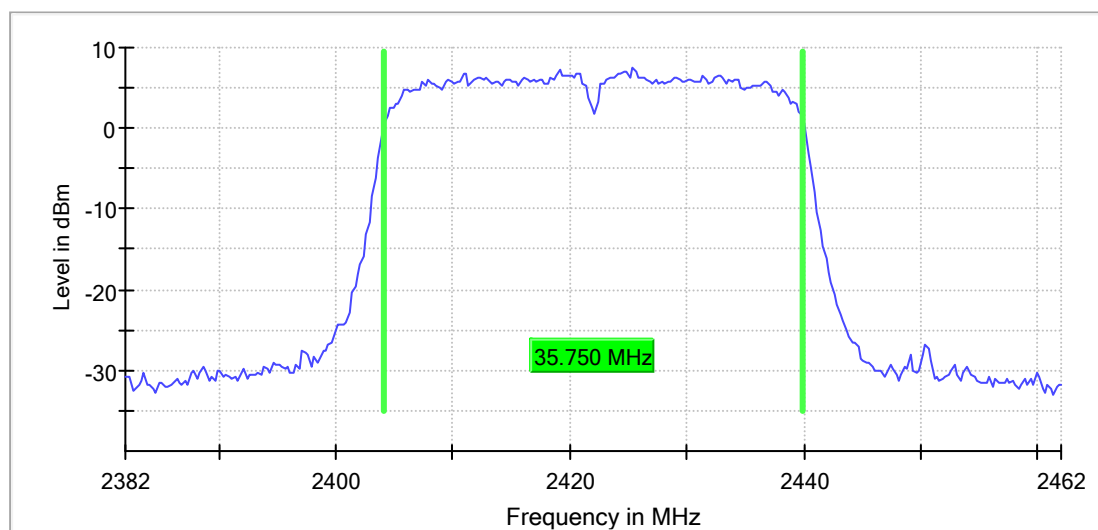
11n 40MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	35.750000	---	---	2404.125000	2439.875000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2422.000000	PASS

99 % Bandwidth

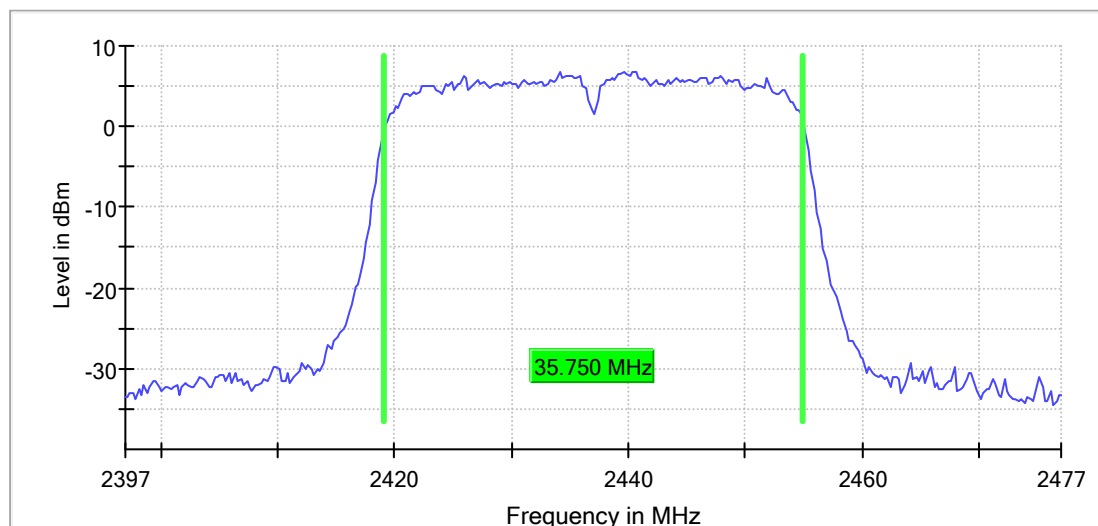


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	35.750000	---	---	2419.125000	2454.875000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth

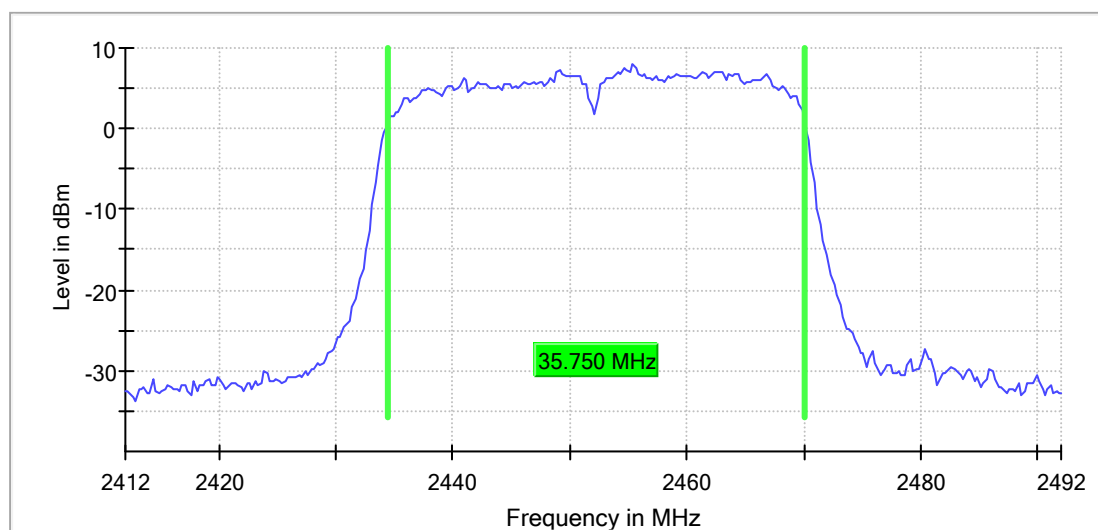


DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	35.750000	---	---	2434.375000	2470.125000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2452.000000	PASS

99 % Bandwidth

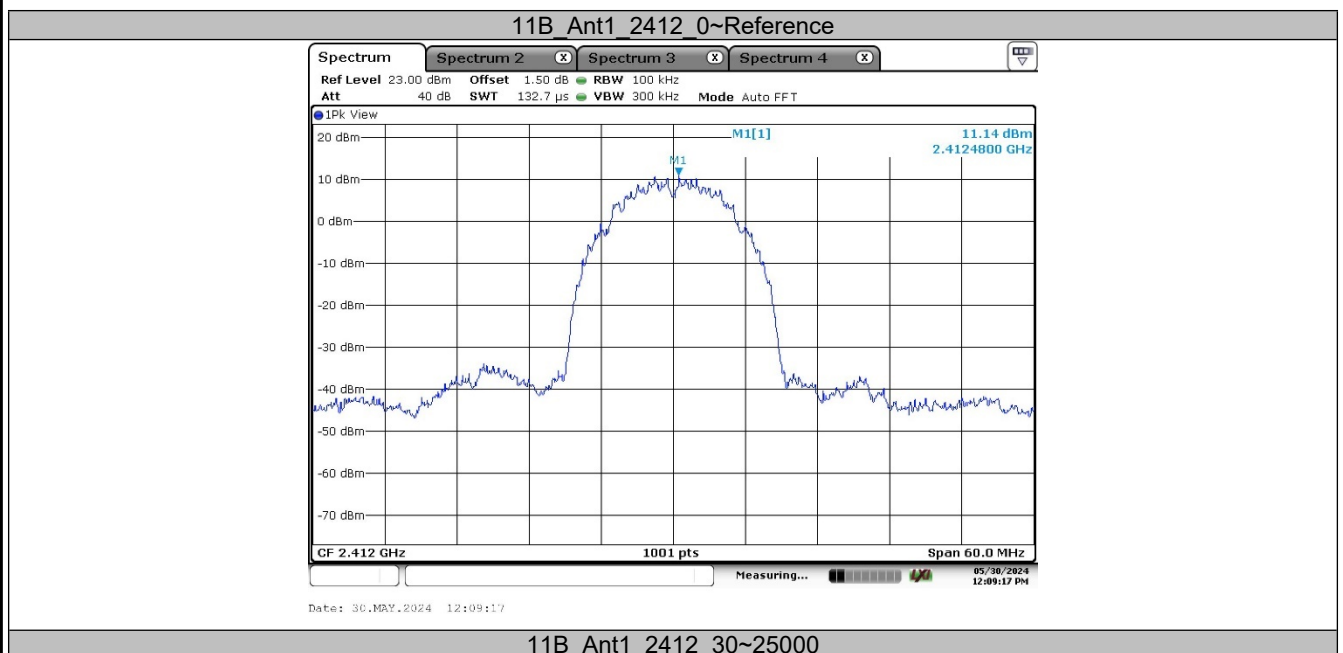


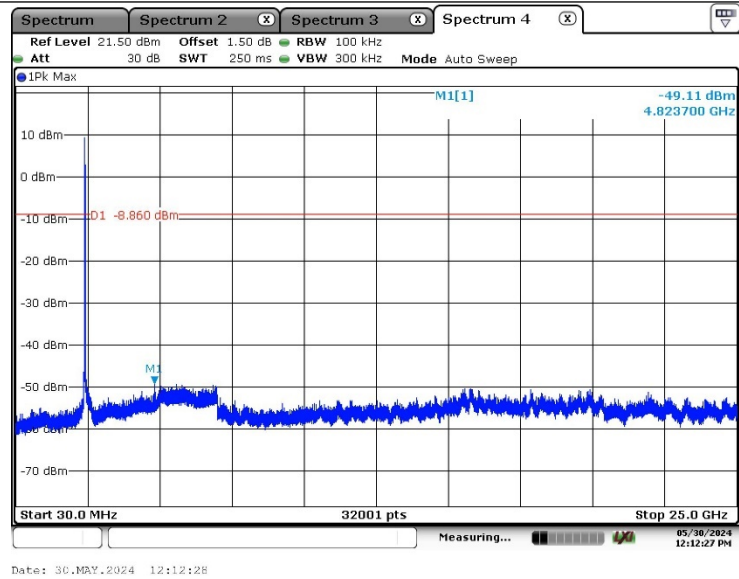
APPENDIX B.4: CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

Conducted Spurious Emission

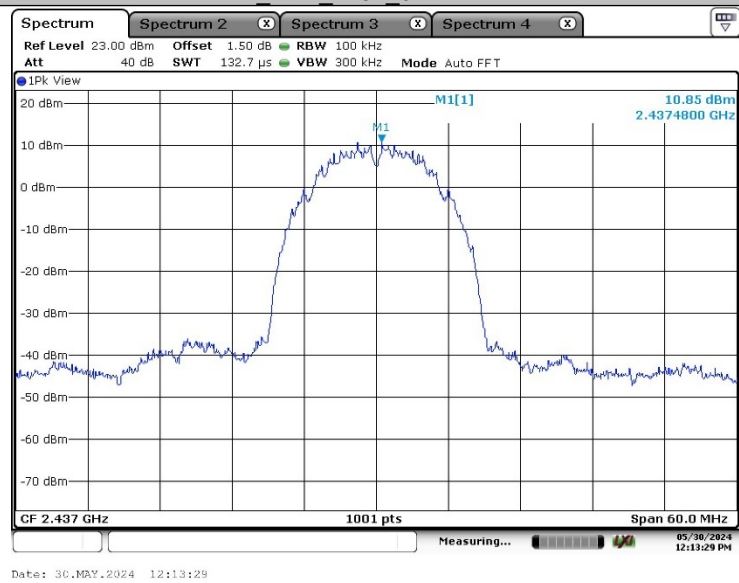
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	11.14	11.14	---	PASS
			30~25000	11.14	-49.11	≤-8.86	PASS
		2437	Reference	10.85	10.85	---	PASS
			30~25000	10.85	-48.12	≤-9.15	PASS
		2462	Reference	10.36	10.36	---	PASS
			30~25000	10.36	-48.11	≤-9.64	PASS
11G	Ant1	2412	Reference	7.09	7.09	---	PASS
			30~25000	7.09	-49.05	≤-12.91	PASS
		2437	Reference	6.48	6.48	---	PASS
			30~25000	6.48	-48.98	≤-13.52	PASS
		2462	Reference	6.89	6.89	---	PASS
			30~25000	6.89	-49.39	≤-13.11	PASS
11N20SISO	Ant1	2412	Reference	6.11	6.11	---	PASS
			30~25000	6.11	-48.93	≤-13.89	PASS
		2437	Reference	5.12	5.12	---	PASS
			30~25000	5.12	-49.6	≤-14.88	PASS
		2462	Reference	5.89	5.89	---	PASS
			30~25000	5.89	-49.42	≤-14.11	PASS
11N40SISO	Ant1	2422	Reference	3.37	3.37	---	PASS
			30~25000	3.37	-49.27	≤-16.63	PASS
		2437	Reference	2.38	2.38	---	PASS
			30~25000	2.38	-49.69	≤-17.62	PASS
		2452	Reference	3.43	3.43	---	PASS
			30~25000	3.43	-49.74	≤-16.57	PASS

Test Graphs





11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~25000

