

Appendix A. Test Result

FCC Part 47 §15.247 2400-2483.5 MHz

Hardware Setup: WMS Measurements\TS8997

Spectrum Analyzer: SA FSV3044 (SA FSV3044) @ VISA (ADR
TCPIP::192.168.48.148::inst0::instr), SN 1330.5000K43/101255, FW
1.60SP1

OSP: OSP-B157W8PLUS (OSP-B157W8PLUS) @ VISA (ADR
TCPIP::192.168.48.157::inst0::instr), SN 1527.1144.05 / 100850, FW
2.10.0.23

Minimum Emission Bandwidth 6 dB (2412 MHz; B mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

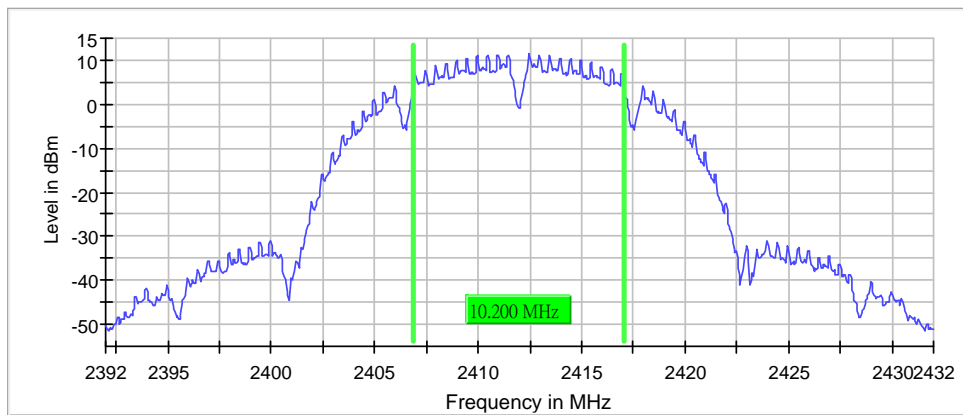
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	10.200000	0.500000	---	2406.875000	2417.075000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	11.4	PASS

6 dB Bandwidth



Peak Power Spectral Density (2412 MHz; B mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW
Peak Power Spectral Density 2nd :RBW=3kHz,VBW=3*RBW

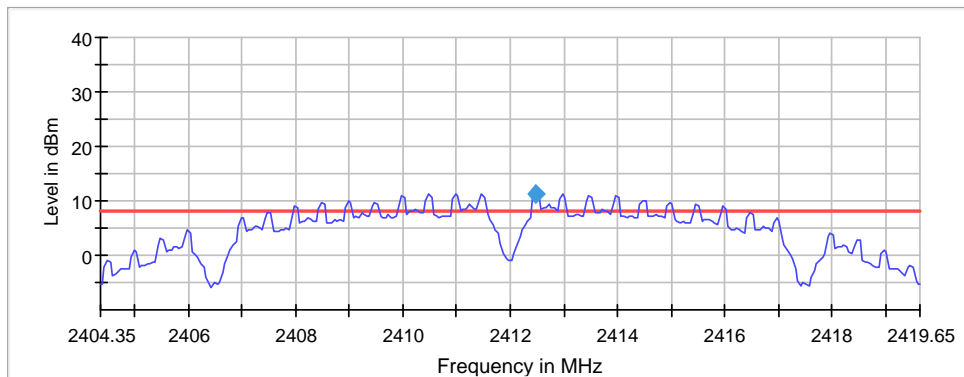
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2411.355250	-1.092	8.0	PASS

Ports

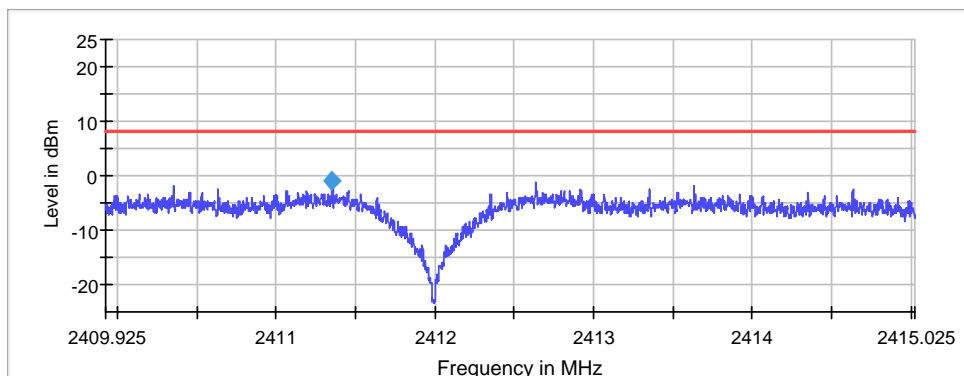
Port	State
1	used
2	not used

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

Peak Power Spectral Density 2nd



— Limit — Sum Level ◆ PSD

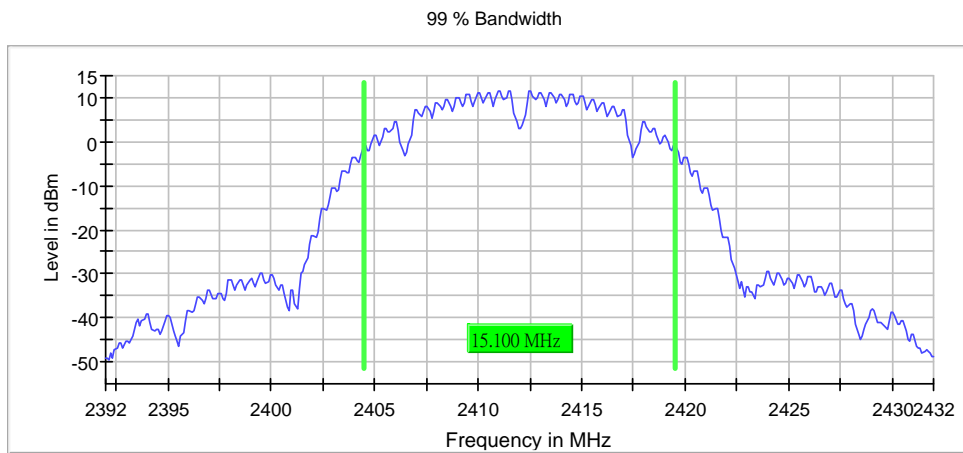
Occupied Channel Bandwidth 99% (2412 MHz; B mode Ant 0 (20 MHz))

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	15.100000	---	---	2404.450000	2419.550000

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

DUT Frequency (MHz)	Result
2412.000000	PASS



Band Edge low (2412 MHz; B mode Ant 0 (20 MHz))

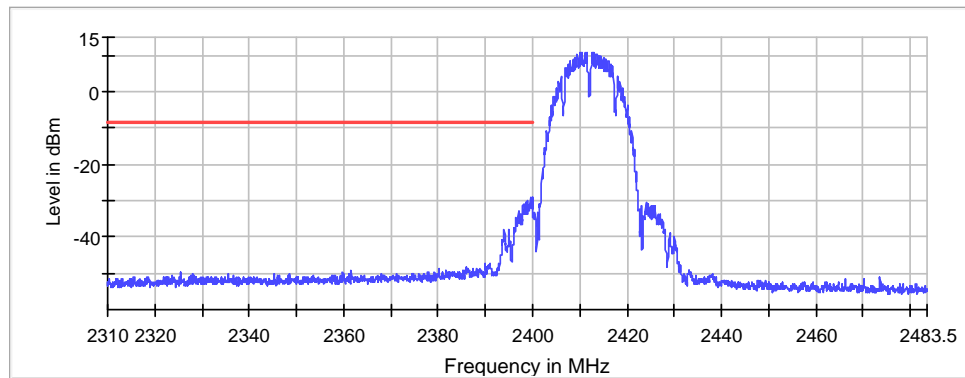
Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399.525000	-29.0	20.4	-8.6	PASS
2399.475000	-29.2	20.5	-8.6	PASS
2399.975000	-29.2	20.6	-8.6	PASS
2399.575000	-30.1	21.5	-8.6	PASS
2399.025000	-30.2	21.5	-8.6	PASS
2398.975000	-30.3	21.6	-8.6	PASS
2398.525000	-30.3	21.7	-8.6	PASS
2398.475000	-30.3	21.7	-8.6	PASS
2398.025000	-31.0	22.4	-8.6	PASS
2399.075000	-31.2	22.6	-8.6	PASS
2397.975000	-31.3	22.7	-8.6	PASS
2399.775000	-31.6	23.0	-8.6	PASS
2398.575000	-31.7	23.1	-8.6	PASS
2399.675000	-31.7	23.1	-8.6	PASS
2399.725000	-31.8	23.2	-8.6	PASS

Band Edge



— Limit — Sum Level × Fail

Tx Spurious Emission (2412 MHz; B mode Ant 0 (20 MHz))

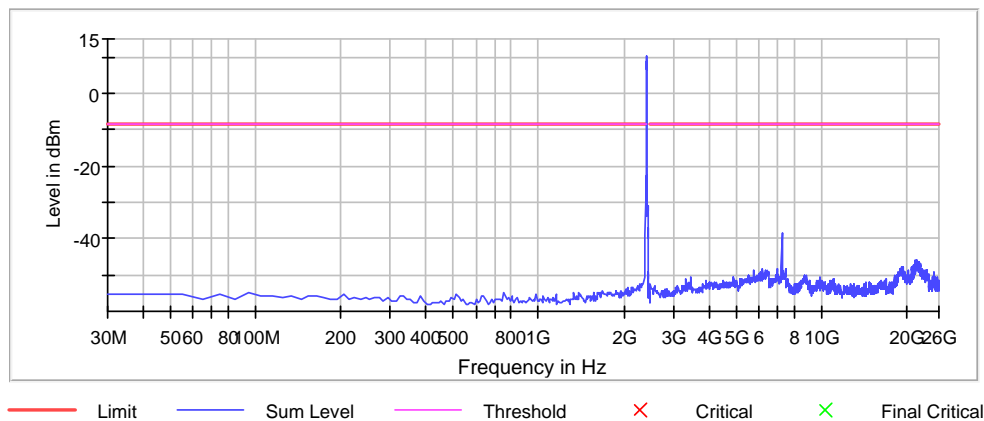
Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-22.3	13.7	-8.6
7235.771887	-38.3	29.6	-8.6
2385.063025	-38.7	30.1	-8.6
7245.766150	-44.8	36.2	-8.6
21647.498619	-45.8	37.2	-8.6
21577.538780	-46.1	37.5	-8.6
21547.555992	-46.1	37.5	-8.6
21587.533043	-46.1	37.5	-8.6
22067.257650	-46.2	37.6	-8.6
21707.464195	-46.2	37.6	-8.6
22137.217488	-46.2	37.6	-8.6
22057.263387	-46.3	37.7	-8.6
22027.280599	-46.3	37.7	-8.6
21537.561730	-46.3	37.7	-8.6
21607.521568	-46.4	37.8	-8.6

Spurious



Minimum Emission Bandwidth 6 dB (2437 MHz; B mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

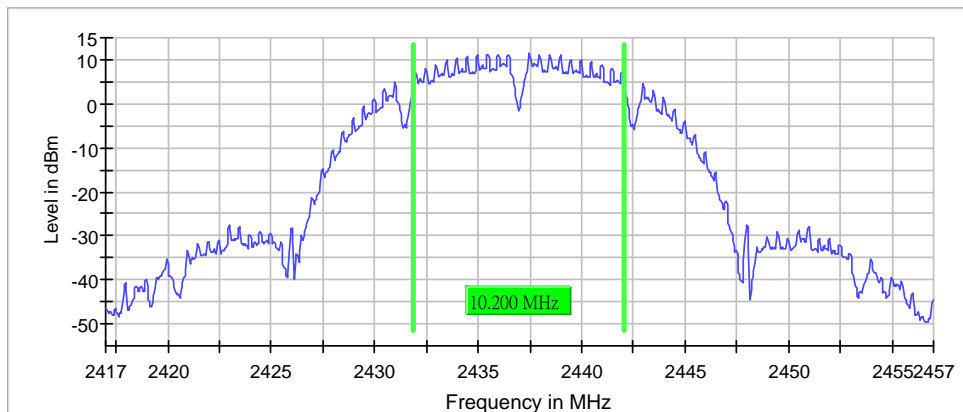
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	10.200000	0.500000	---	2431.875000	2442.075000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	11.3	PASS

6 dB Bandwidth



Peak Power Spectral Density (2437 MHz; B mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW
Peak Power Spectral Density 2nd :RBW=3kHz,VBW=3*RBW

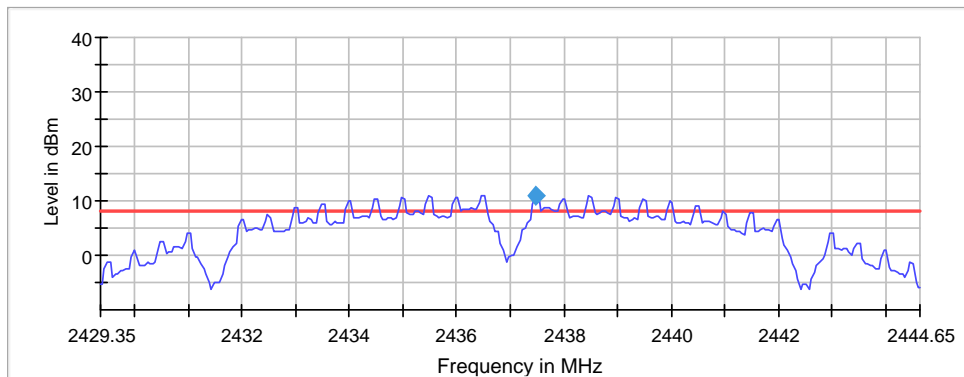
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2437.637750	-1.029	8.0	PASS

Ports

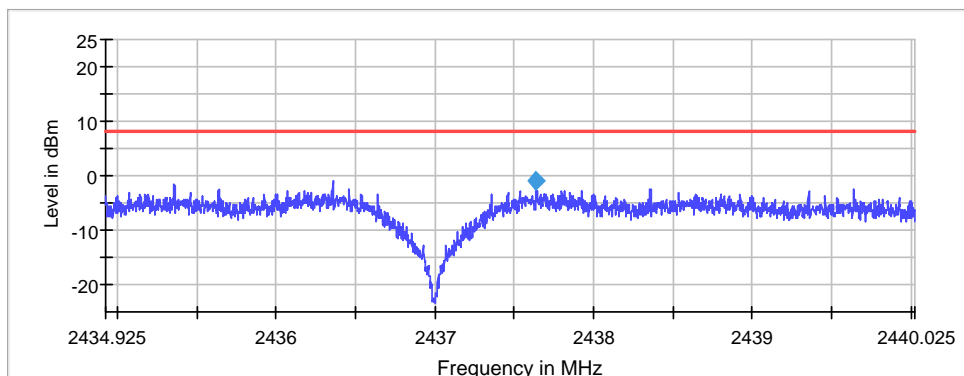
Port	State
1	used
2	not used

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

Peak Power Spectral Density 2nd



— Limit — Sum Level ◆ PSD

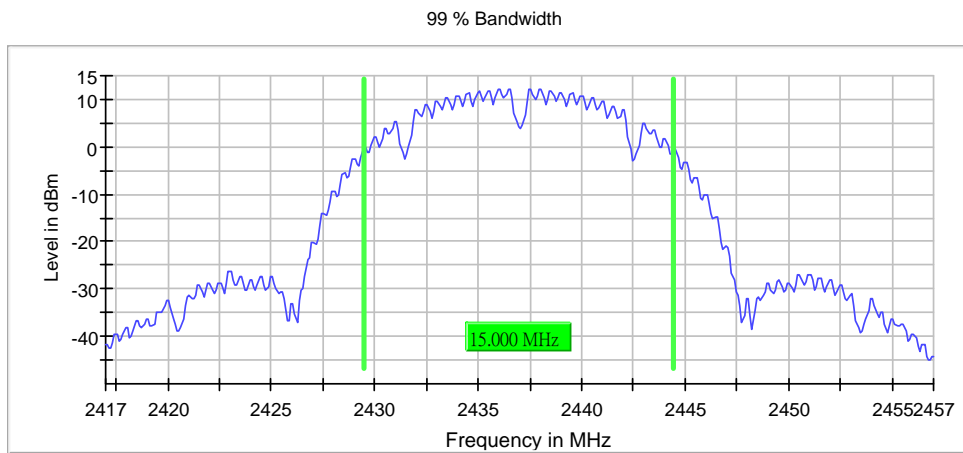
Occupied Channel Bandwidth 99% (2437 MHz; B mode Ant 0 (20 MHz))

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	15.000000	---	---	2429.450000	2444.450000

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

DUT Frequency (MHz)	Result
2437.000000	PASS



Tx Spurious Emission (2437 MHz; B mode Ant 0 (20 MHz))

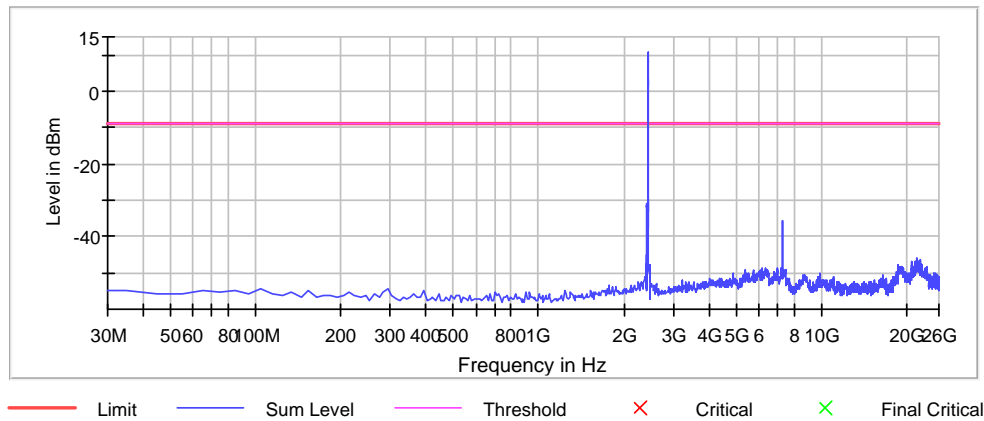
Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7305.731725	-35.8	26.8	-9.0
7315.725988	-39.3	30.3	-9.0
21617.515831	-45.8	36.8	-9.0
21587.533043	-46.3	37.3	-9.0
21647.498619	-46.4	37.4	-9.0
21657.492881	-46.4	37.4	-9.0
22197.183064	-46.5	37.5	-9.0
21607.521568	-46.5	37.5	-9.0
21597.527306	-46.6	37.6	-9.0
22097.240438	-46.8	37.8	-9.0
21807.406821	-47.0	38.0	-9.0
21557.550255	-47.0	38.0	-9.0
21967.315023	-47.0	38.0	-9.0
20947.900234	-47.0	38.0	-9.0
21477.596154	-47.0	38.0	-9.0

Spurious



Minimum Emission Bandwidth 6 dB (2462 MHz; B mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

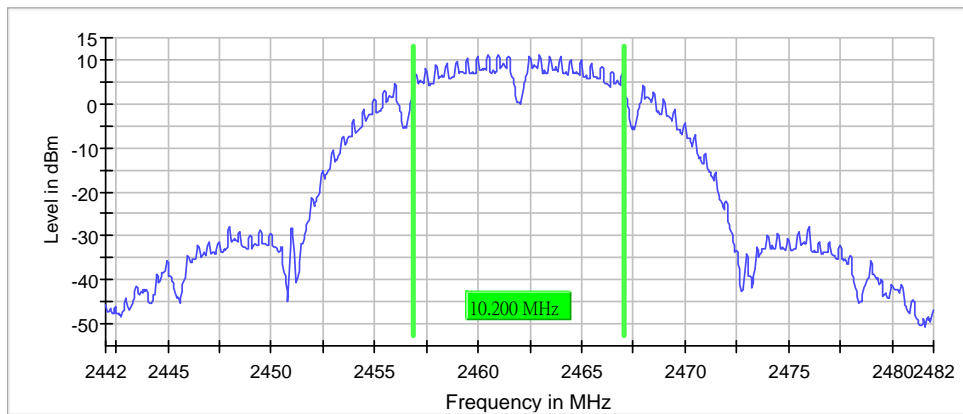
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	10.200000	0.500000	---	2456.875000	2467.075000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	11.0	PASS

6 dB Bandwidth



Peak Power Spectral Density (2462 MHz; B mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW
Peak Power Spectral Density 2nd :RBW=3kHz,VBW=3*RBW

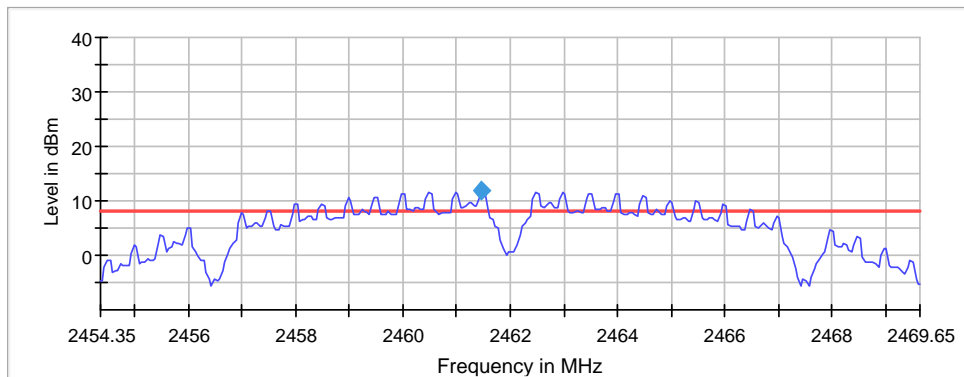
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2461.277750	-1.215	8.0	PASS

Ports

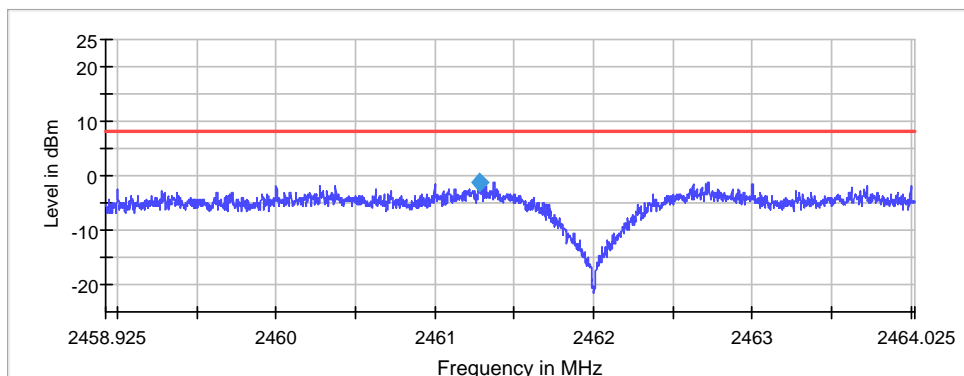
Port	State
1	used
2	not used

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

Peak Power Spectral Density 2nd



— Limit — Sum Level ◆ PSD

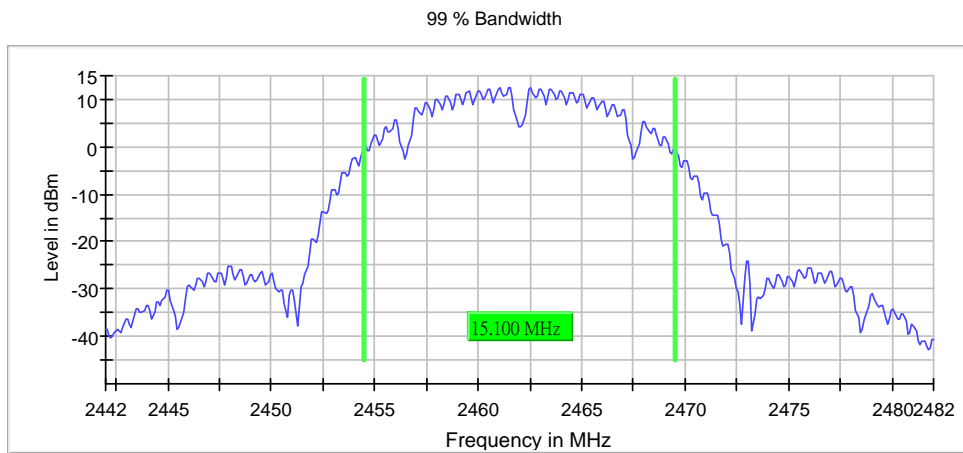
Occupied Channel Bandwidth 99% (2462 MHz; B mode Ant 0 (20 MHz))

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	15.100000	---	---	2454.450000	2469.550000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Band Edge high (2462 MHz; B mode Ant 0 (20 MHz))

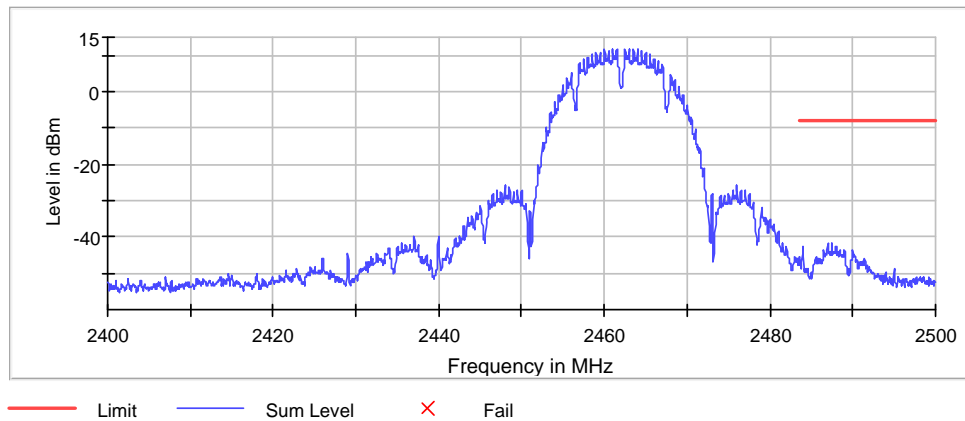
Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2487.025000	-41.5	33.4	-8.1	PASS
2487.475000	-41.9	33.8	-8.1	PASS
2486.975000	-41.9	33.8	-8.1	PASS
2487.525000	-42.1	34.0	-8.1	PASS
2487.975000	-42.5	34.4	-8.1	PASS
2483.975000	-42.5	34.4	-8.1	PASS
2484.025000	-42.6	34.4	-8.1	PASS
2488.025000	-42.7	34.6	-8.1	PASS
2487.075000	-43.0	34.9	-8.1	PASS
2487.925000	-43.0	34.9	-8.1	PASS
2486.475000	-43.4	35.3	-8.1	PASS
2487.875000	-43.6	35.4	-8.1	PASS
2488.525000	-43.6	35.5	-8.1	PASS
2488.475000	-43.7	35.5	-8.1	PASS
2486.925000	-43.7	35.6	-8.1	PASS

Band Edge



Tx Spurious Emission (2462 MHz; B mode Ant 0 (20 MHz))

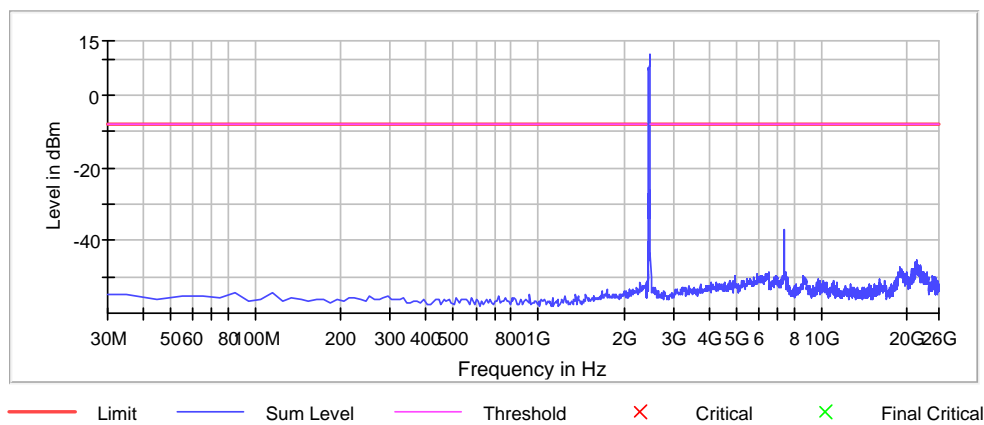
Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7385.685827	-37.1	29.0	-8.1
7395.680089	-42.3	34.2	-8.1
2488.497131	-43.4	35.3	-8.1
21627.510093	-45.3	37.2	-8.1
21667.487144	-45.5	37.4	-8.1
21537.561730	-46.1	38.0	-8.1
21657.492881	-46.1	38.0	-8.1
7375.691564	-46.3	38.2	-8.1
21517.573204	-46.6	38.4	-8.1
21497.584679	-46.7	38.6	-8.1
21567.544518	-46.8	38.7	-8.1
21687.475669	-46.8	38.7	-8.1
21587.533043	-46.9	38.7	-8.1
21607.521568	-46.9	38.7	-8.1
22127.223226	-46.9	38.7	-8.1

Spurious



Minimum Emission Bandwidth 6 dB (2412 MHz; G mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

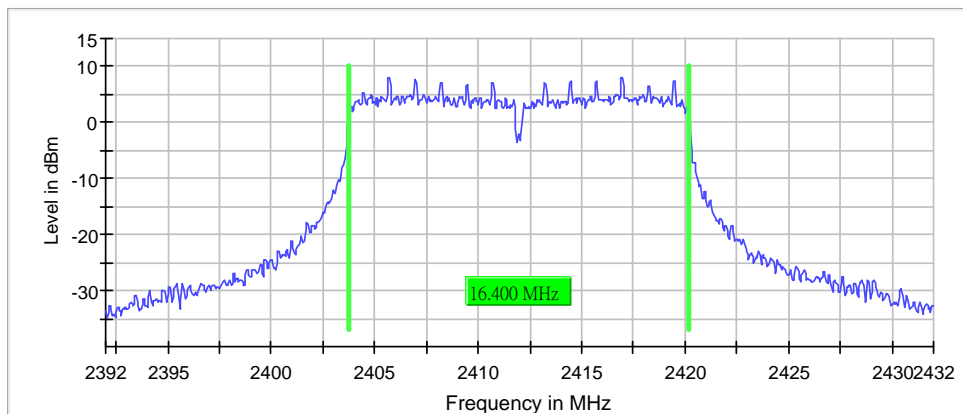
6 dB Bandwidth

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	8.1	PASS

6 dB Bandwidth



Peak Power Spectral Density (2412 MHz; G mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW
Peak Power Spectral Density 2nd :RBW=3kHz,VBW=3*RBW

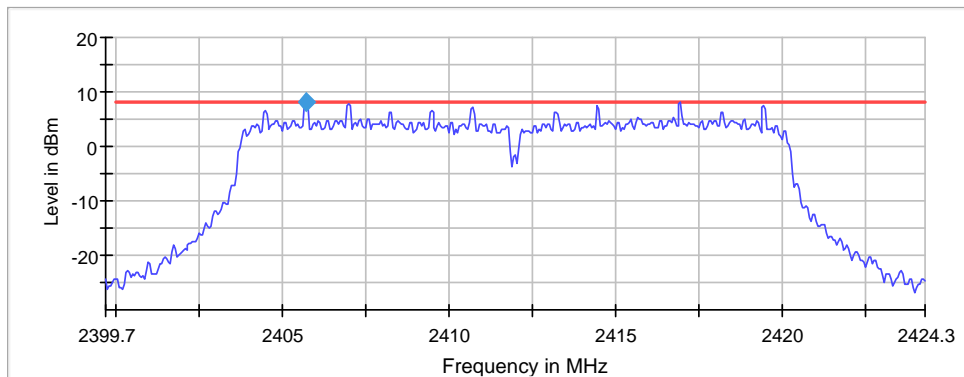
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2406.342962	-5.315	8.0	PASS

Ports

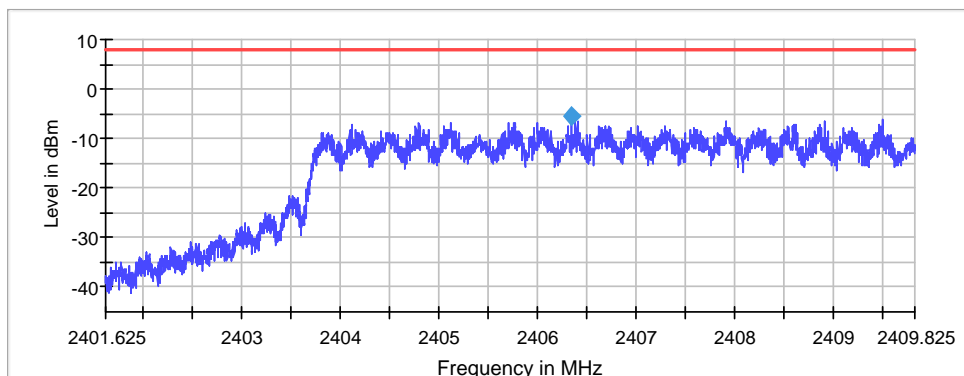
Port	State
1	used
2	not used

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

Peak Power Spectral Density 2nd



— Limit — Sum Level ◆ PSD

Occupied Channel Bandwidth 99% (2412 MHz; G mode Ant 0 (20 MHz))

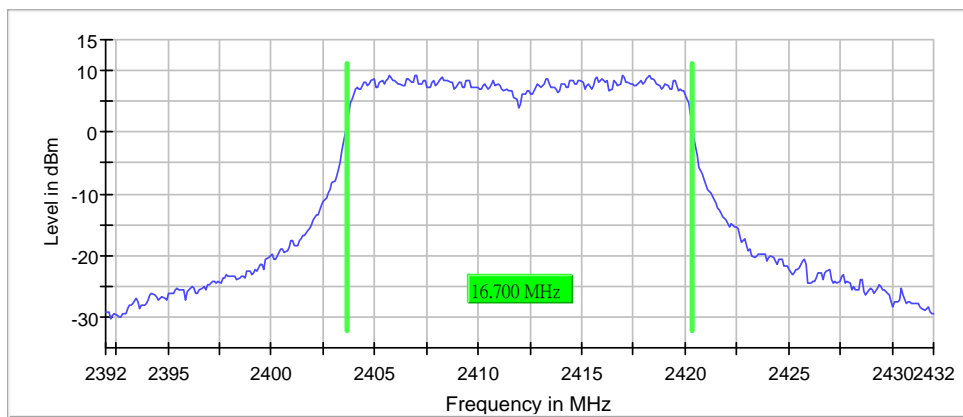
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.700000	---	---	2403.650000	2420.350000

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

DUT Frequency (MHz)	Result
2412.000000	PASS

99 % Bandwidth



Band Edge low (2412 MHz; G mode Ant 0 (20 MHz))

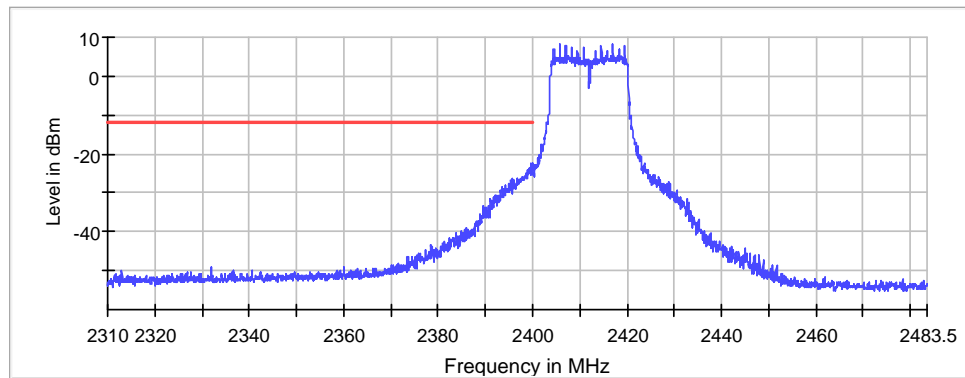
Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399.775000	-22.2	10.4	-11.8	PASS
2399.975000	-22.3	10.5	-11.8	PASS
2399.725000	-22.5	10.6	-11.8	PASS
2399.825000	-22.7	10.8	-11.8	PASS
2399.525000	-22.8	11.0	-11.8	PASS
2399.575000	-23.0	11.2	-11.8	PASS
2399.475000	-23.5	11.6	-11.8	PASS
2399.875000	-23.5	11.7	-11.8	PASS
2399.925000	-23.6	11.7	-11.8	PASS
2399.225000	-23.7	11.8	-11.8	PASS
2399.275000	-23.8	11.9	-11.8	PASS
2399.675000	-23.9	12.1	-11.8	PASS
2398.875000	-24.2	12.3	-11.8	PASS
2398.825000	-24.2	12.4	-11.8	PASS
2399.125000	-24.4	12.6	-11.8	PASS

Band Edge



— Limit — Sum Level × Fail

Tx Spurious Emission (2412 MHz; G mode Ant 0 (20 MHz))

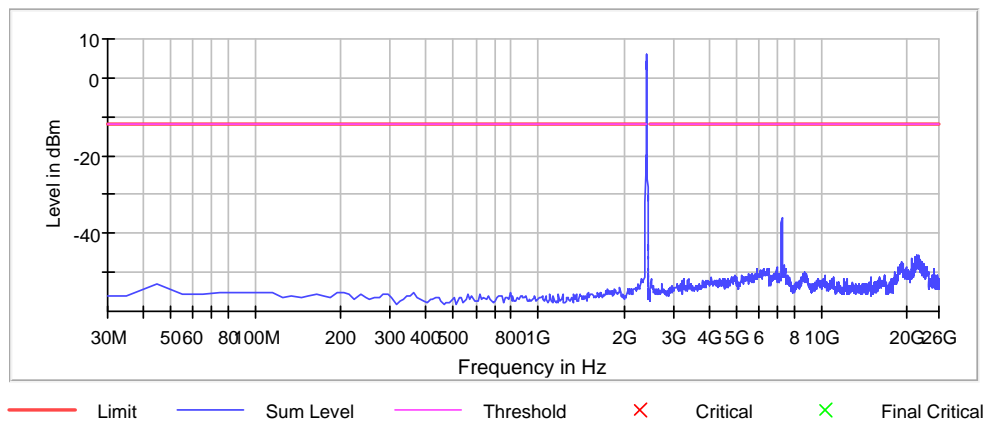
Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-19.8	7.9	-11.8
2385.063025	-32.1	20.3	-11.8
7245.766150	-35.9	24.0	-11.8
7235.771887	-36.1	24.2	-11.8
7225.777624	-37.3	25.5	-11.8
7255.760412	-41.5	29.7	-11.8
7215.783362	-41.9	30.0	-11.8
2375.105042	-44.3	32.5	-11.8
21647.498619	-45.5	33.6	-11.8
22167.200276	-45.6	33.8	-11.8
21537.561730	-46.0	34.1	-11.8
22017.286337	-46.1	34.2	-11.8
22117.228963	-46.2	34.4	-11.8
21637.504356	-46.2	34.4	-11.8
21777.424033	-46.4	34.5	-11.8

Spurious



Minimum Emission Bandwidth 6 dB (2437 MHz; G mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

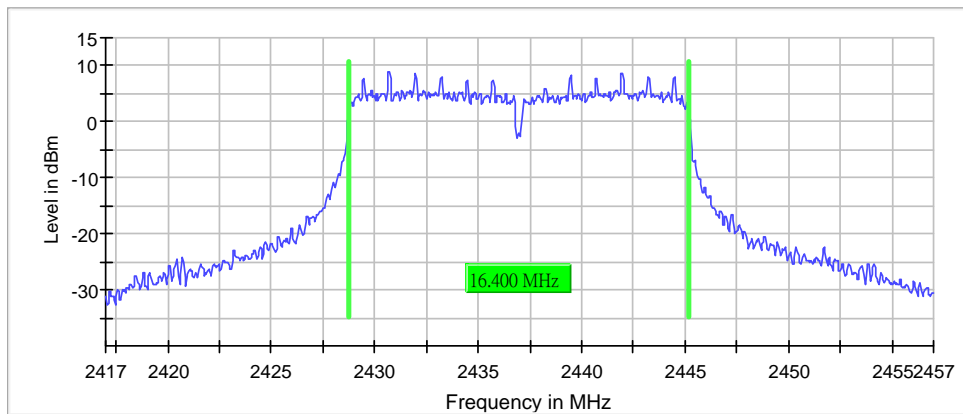
6 dB Bandwidth

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	8.9	PASS

6 dB Bandwidth



Peak Power Spectral Density (2437 MHz; G mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW
Peak Power Spectral Density 2nd :RBW=3kHz,VBW=3*RBW

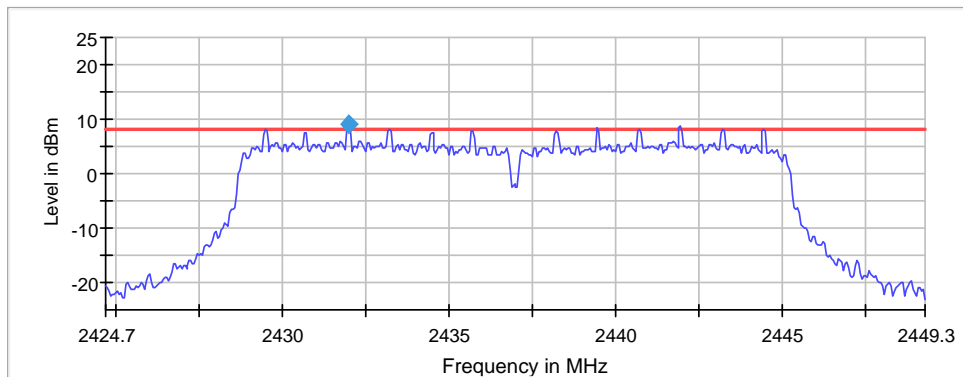
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2431.343539	-4.581	8.0	PASS

Ports

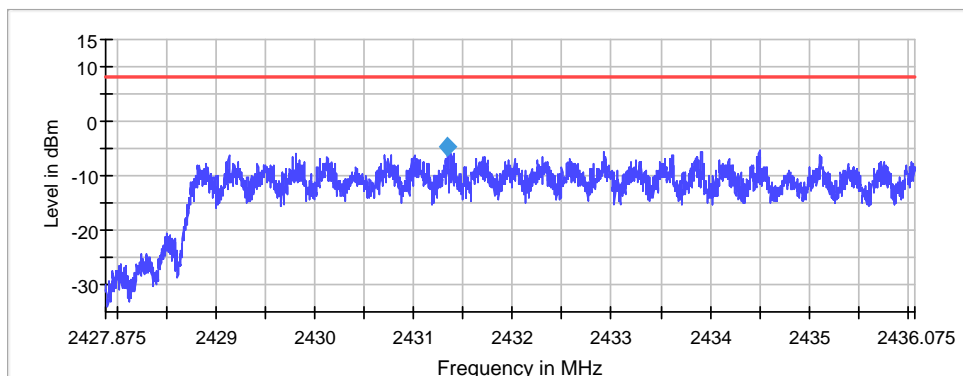
Port	State
1	used
2	not used

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

Peak Power Spectral Density 2nd



— Limit — Sum Level ◆ PSD

Occupied Channel Bandwidth 99% (2437 MHz; G mode Ant 0 (20 MHz))

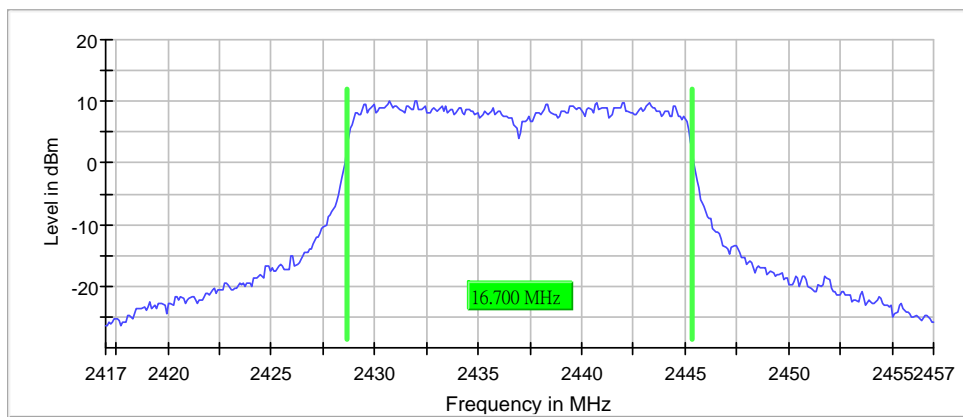
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.700000	---	---	2428.650000	2445.350000

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

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth



Tx Spurious Emission (2437 MHz; G mode Ant 0 (20 MHz))

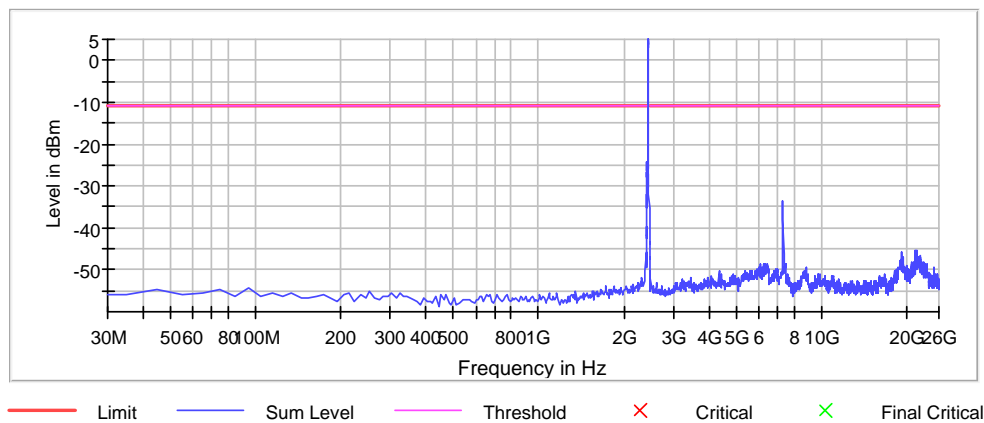
Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7305.731725	-33.6	22.6	-11.0
7315.725988	-35.0	24.0	-11.0
7325.720251	-38.0	27.0	-11.0
7295.737463	-38.4	27.4	-11.0
21627.510093	-45.3	34.3	-11.0
21517.573204	-45.3	34.3	-11.0
2395.021008	-45.7	34.7	-11.0
21607.521568	-45.8	34.8	-11.0
19268.864110	-46.0	35.0	-11.0
21637.504356	-46.1	35.1	-11.0
21577.538780	-46.2	35.2	-11.0
21667.487144	-46.3	35.3	-11.0
7335.714513	-46.4	35.4	-11.0
21537.561730	-46.6	35.6	-11.0
21647.498619	-46.6	35.6	-11.0

Spurious



Minimum Emission Bandwidth 6 dB (2462 MHz; G mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

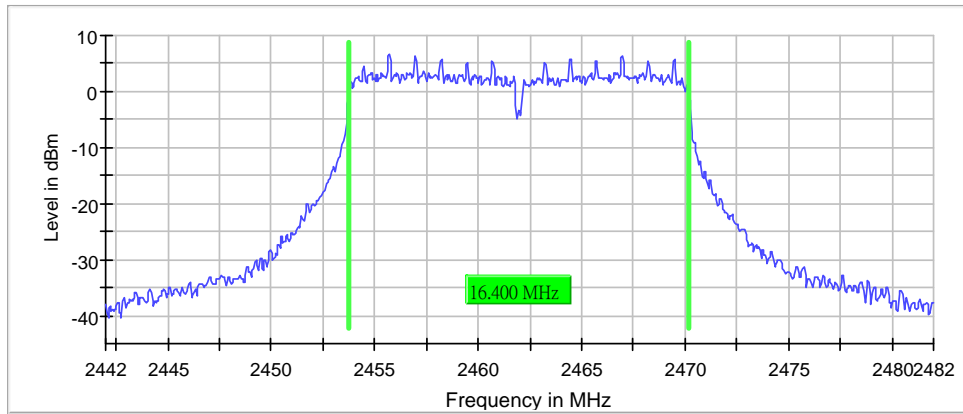
6 dB Bandwidth

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	6.6	PASS

6 dB Bandwidth



Peak Power Spectral Density (2462 MHz; G mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW

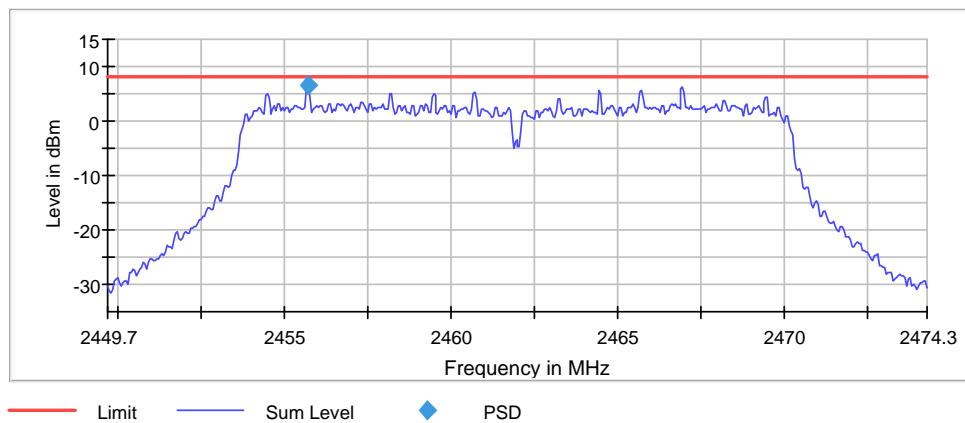
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2455.725000	6.466	8.0	PASS

Ports

Port	State
1	used
2	not used

Peak Power Spectral Density



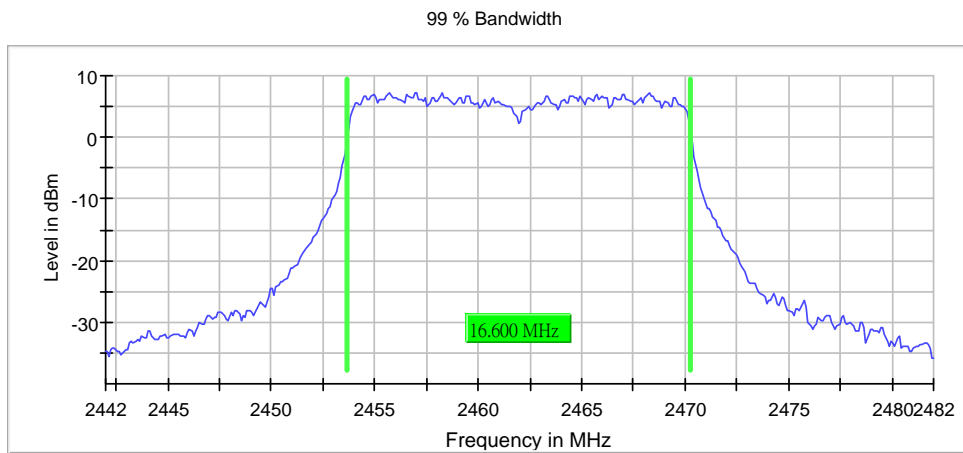
Occupied Channel Bandwidth 99% (2462 MHz; G mode Ant 0 (20 MHz))

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.600000	---	---	2453.650000	2470.250000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Band Edge high (2462 MHz; G mode Ant 0 (20 MHz))

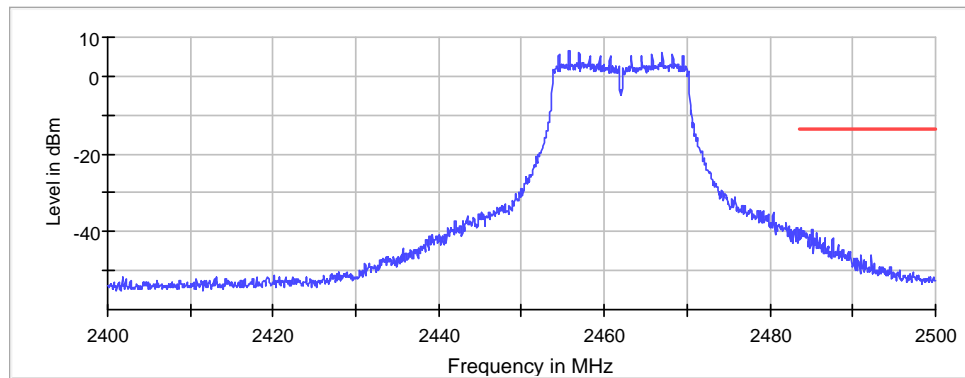
Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2483.825000	-39.0	25.5	-13.5	PASS
2483.775000	-39.3	25.7	-13.5	PASS
2483.525000	-39.4	25.8	-13.5	PASS
2485.125000	-39.4	25.9	-13.5	PASS
2485.075000	-39.4	25.9	-13.5	PASS
2484.125000	-40.0	26.4	-13.5	PASS
2484.075000	-40.0	26.4	-13.5	PASS
2483.875000	-40.0	26.5	-13.5	PASS
2483.975000	-40.1	26.5	-13.5	PASS
2484.175000	-40.3	26.7	-13.5	PASS
2483.925000	-40.3	26.8	-13.5	PASS
2485.675000	-40.4	26.9	-13.5	PASS
2484.475000	-40.5	26.9	-13.5	PASS
2484.425000	-40.6	27.1	-13.5	PASS
2484.775000	-40.8	27.2	-13.5	PASS

Band Edge



— Limit — Sum Level × Fail

Tx Spurious Emission (2462 MHz; G mode Ant 0 (20 MHz))

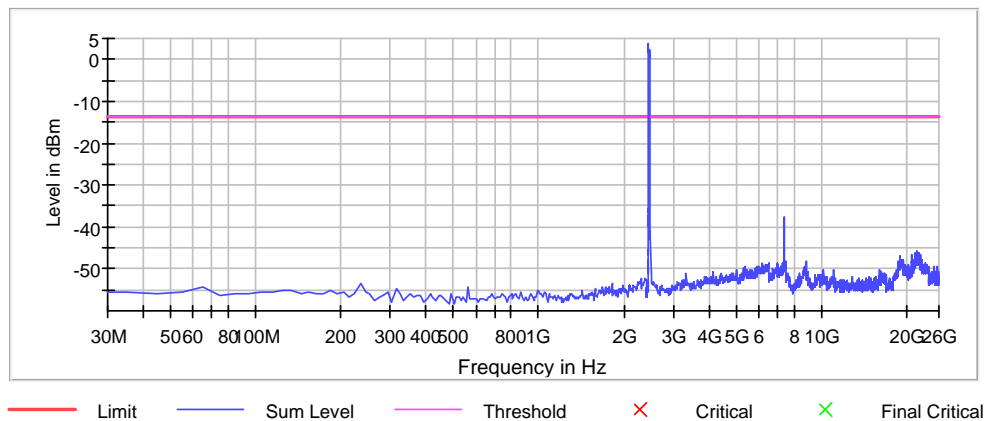
Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7375.691564	-37.8	24.3	-13.5
7385.685827	-38.2	24.7	-13.5
7395.680089	-38.9	25.4	-13.5
2488.497131	-41.1	27.6	-13.5
7365.697301	-42.1	28.5	-13.5
7405.674352	-45.6	32.1	-13.5
21627.510093	-45.7	32.2	-13.5
22107.234700	-46.0	32.5	-13.5
21637.504356	-46.0	32.5	-13.5
22157.206014	-46.3	32.8	-13.5
22117.228963	-46.3	32.8	-13.5
22047.269125	-46.4	32.8	-13.5
21537.561730	-46.4	32.8	-13.5
22217.171589	-46.4	32.9	-13.5
21517.573204	-46.5	32.9	-13.5

Spurious



Minimum Emission Bandwidth 6 dB (2412 MHz; ac20 mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

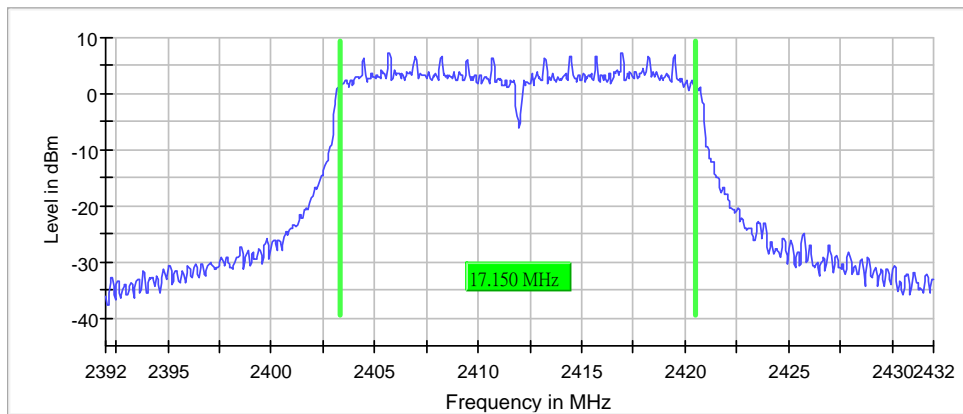
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.150000	0.500000	---	2403.375000	2420.525000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	7.3	PASS

6 dB Bandwidth



Peak Power Spectral Density (2412 MHz; ac20 mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW

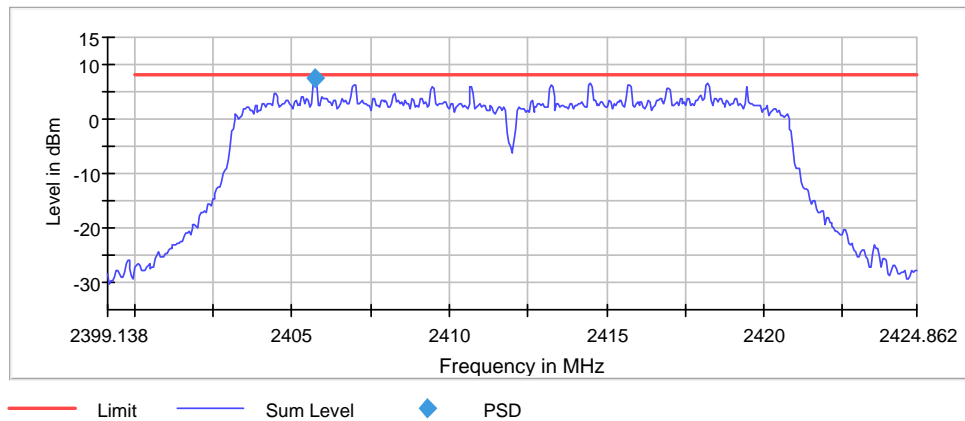
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2405.718896	7.446	8.0	PASS

Ports

Port	State
1	used
2	not used

Peak Power Spectral Density



Occupied Channel Bandwidth 99% (2412 MHz; ac20 mode Ant 0 (20 MHz))

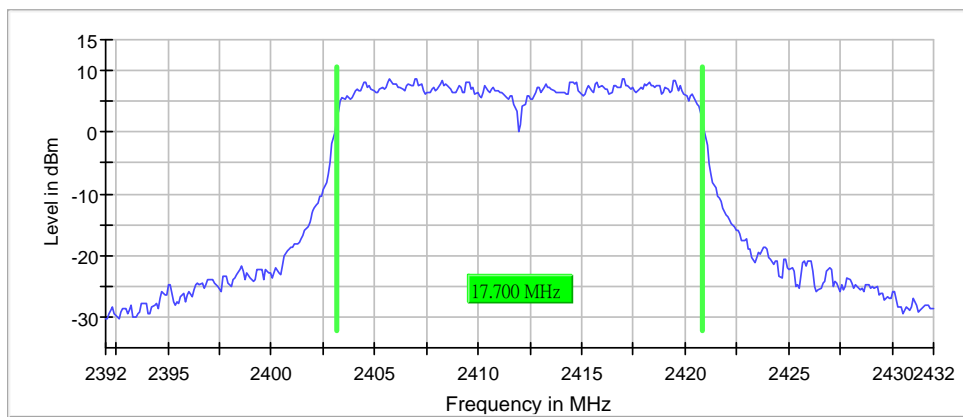
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.700000	---	---	2403.150000	2420.850000

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

DUT Frequency (MHz)	Result
2412.000000	PASS

99 % Bandwidth



Band Edge low (2412 MHz; ac20 mode Ant 0 (20 MHz))

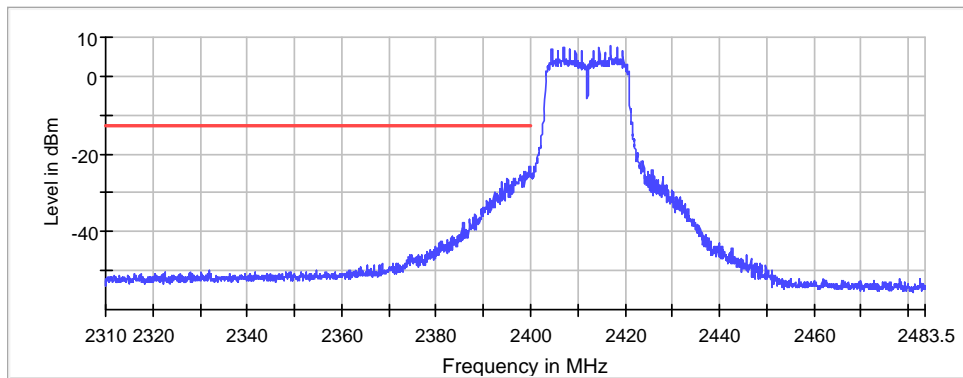
Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399.825000	-23.1	10.5	-12.6	PASS
2399.875000	-23.3	10.8	-12.6	PASS
2399.775000	-23.4	10.9	-12.6	PASS
2399.725000	-23.7	11.2	-12.6	PASS
2399.525000	-24.4	11.9	-12.6	PASS
2398.625000	-24.6	12.0	-12.6	PASS
2398.575000	-24.6	12.1	-12.6	PASS
2399.475000	-24.6	12.1	-12.6	PASS
2399.925000	-24.6	12.1	-12.6	PASS
2398.925000	-24.7	12.1	-12.6	PASS
2399.575000	-24.7	12.2	-12.6	PASS
2398.875000	-24.7	12.2	-12.6	PASS
2399.425000	-25.0	12.4	-12.6	PASS
2398.825000	-25.2	12.7	-12.6	PASS
2399.125000	-25.4	12.8	-12.6	PASS

Band Edge



— Limit — Sum Level × Fail

Tx Spurious Emission (2412 MHz; ac20 mode Ant 0 (20 MHz))

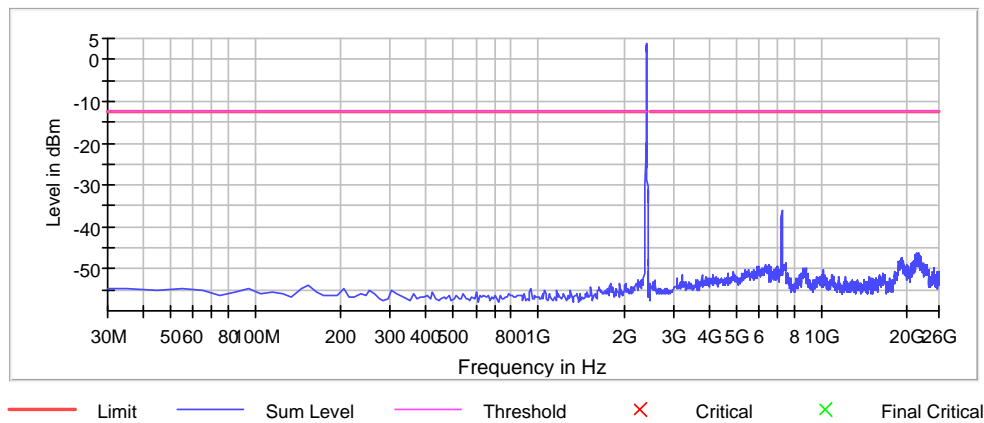
Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-19.7	7.1	-12.6
2385.063025	-29.8	17.2	-12.6
7245.766150	-35.9	23.3	-12.6
7235.771887	-35.9	23.4	-12.6
7225.777624	-37.8	25.2	-12.6
7255.760412	-40.0	27.5	-12.6
7215.783362	-43.5	30.9	-12.6
2375.105042	-44.7	32.2	-12.6
22147.211751	-46.3	33.7	-12.6
21577.538780	-46.4	33.8	-12.6
21897.355185	-46.6	34.0	-12.6
21517.573204	-46.6	34.0	-12.6
22097.240438	-46.6	34.0	-12.6
21547.555992	-46.6	34.1	-12.6
21587.533043	-46.7	34.1	-12.6

Spurious



Minimum Emission Bandwidth 6 dB (2437 MHz; ac20 mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

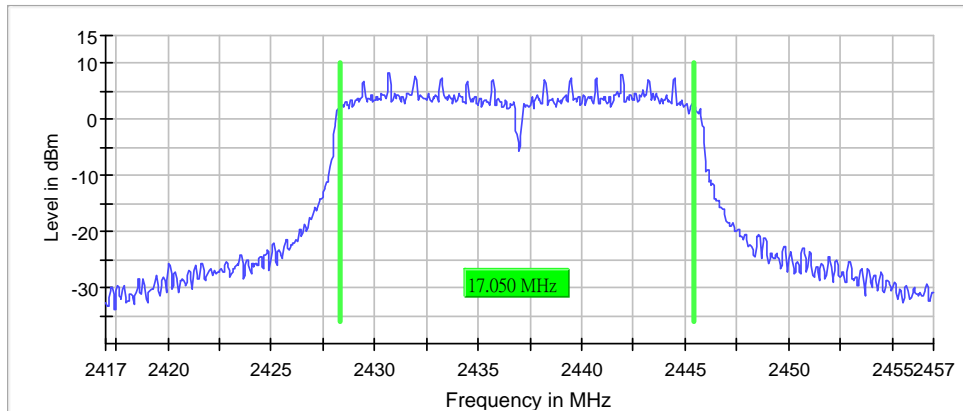
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	17.050000	0.500000	---	2428.375000	2445.425000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	8.3	PASS

6 dB Bandwidth



Peak Power Spectral Density (2437 MHz; ac20 mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW
Peak Power Spectral Density 2nd :RBW=3kHz,VBW=3*RBW

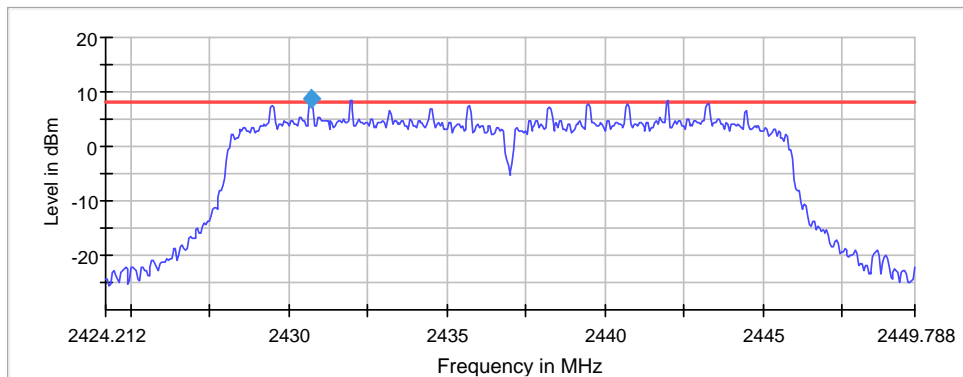
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2431.611680	-4.725	8.0	PASS

Ports

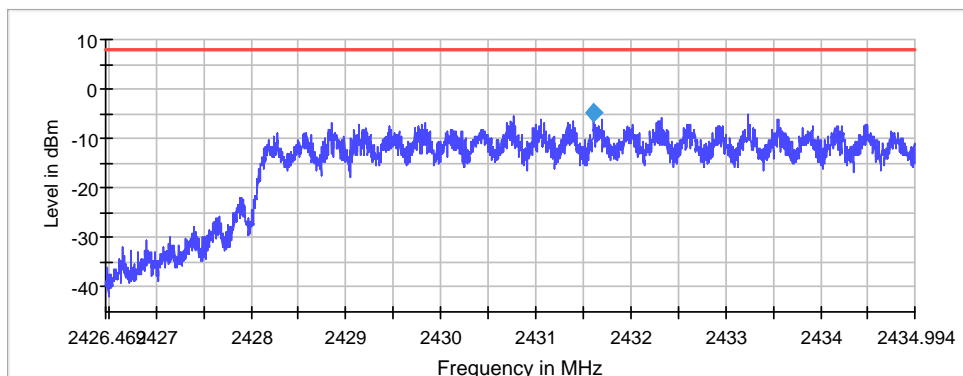
Port	State
1	used
2	not used

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

Peak Power Spectral Density 2nd



— Limit — Sum Level ◆ PSD

Occupied Channel Bandwidth 99% (2437 MHz; ac20 mode Ant 0 (20 MHz))

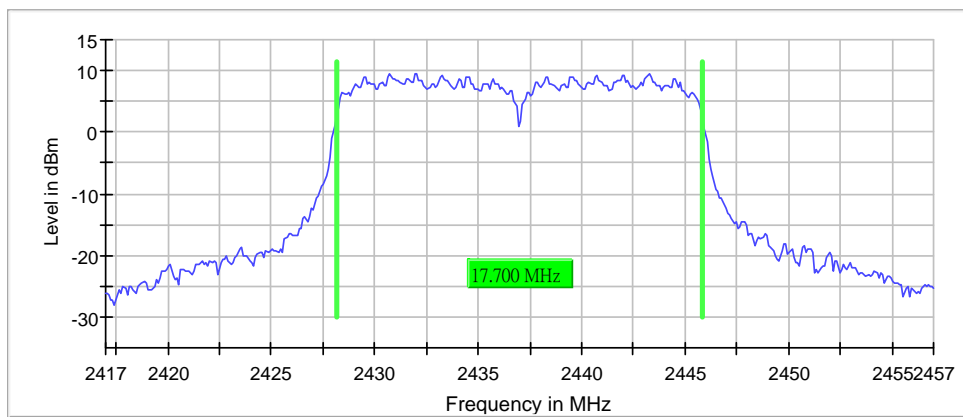
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	17.700000	---	---	2428.150000	2445.850000

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

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth



Tx Spurious Emission (2437 MHz; ac20 mode Ant 0 (20 MHz))

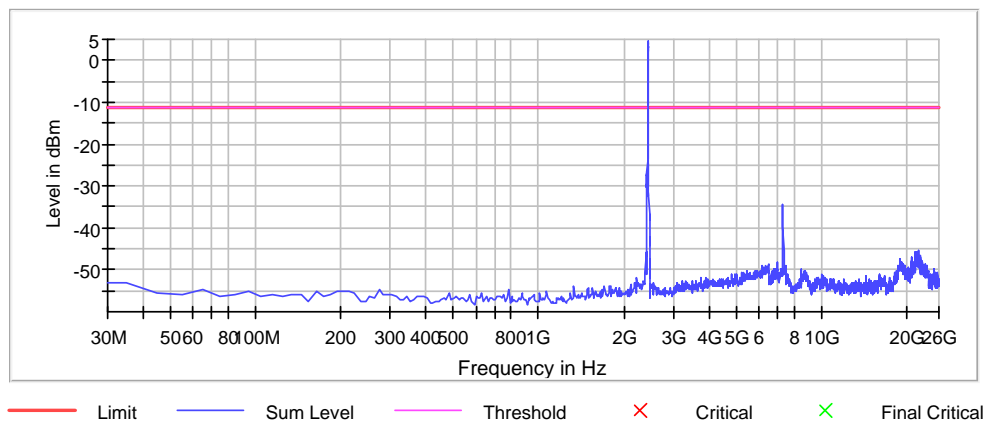
Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7305.731725	-34.5	23.2	-11.3
7315.725988	-37.4	26.1	-11.3
7295.737463	-38.5	27.2	-11.3
7325.720251	-39.7	28.4	-11.3
7335.714513	-45.3	34.0	-11.3
22077.251912	-45.4	34.1	-11.3
7285.743200	-45.8	34.5	-11.3
2395.021008	-45.8	34.5	-11.3
21537.561730	-45.9	34.6	-11.3
21617.515831	-45.9	34.6	-11.3
21567.544518	-46.0	34.7	-11.3
21597.527306	-46.2	34.9	-11.3
21887.360922	-46.4	35.1	-11.3
22157.206014	-46.4	35.2	-11.3
21607.521568	-46.5	35.2	-11.3

Spurious



Minimum Emission Bandwidth 6 dB (2462 MHz; ac20 mode Ant 0 (20 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.150000	0.500000	---	2453.375000	2470.525000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	6.2	PASS

6 dB Bandwidth



Peak Power Spectral Density (2462 MHz; ac20 mode Ant 0 (20 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW

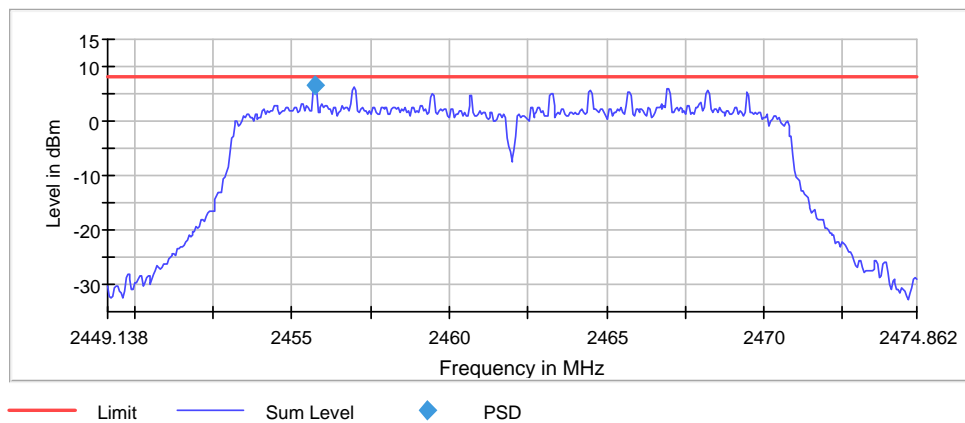
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2455.718896	6.438	8.0	PASS

Ports

Port	State
1	used
2	not used

Peak Power Spectral Density



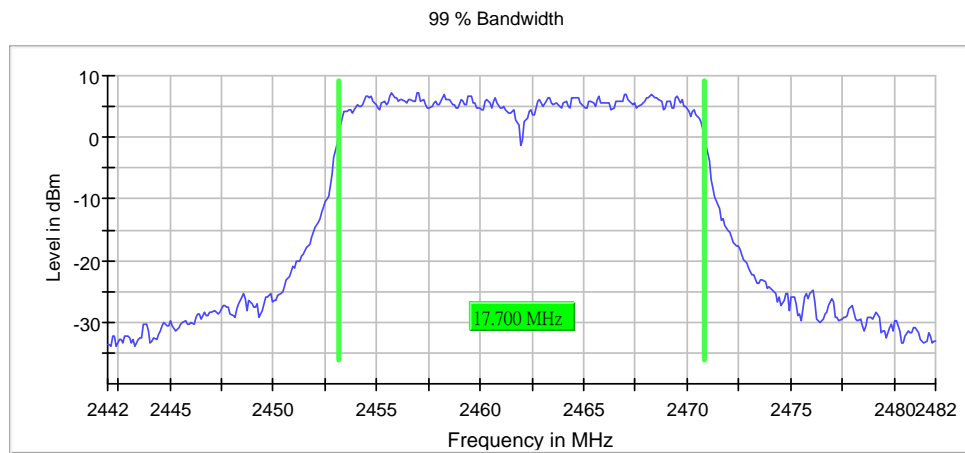
Occupied Channel Bandwidth 99% (2462 MHz; ac20 mode Ant 0 (20 MHz))

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.700000	---	---	2453.150000	2470.850000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Band Edge high (2462 MHz; 11n(256-QAM) mode Ant 0 (20 MHz))

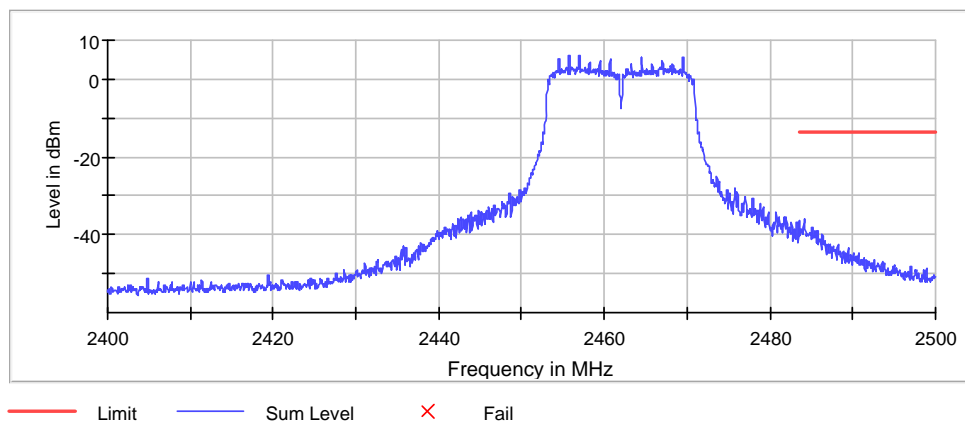
Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2484.175000	-36.0	22.4	-13.6	PASS
2483.525000	-36.5	22.9	-13.6	PASS
2484.125000	-36.7	23.1	-13.6	PASS
2483.575000	-37.3	23.7	-13.6	PASS
2484.225000	-37.4	23.8	-13.6	PASS
2485.075000	-38.0	24.4	-13.6	PASS
2485.125000	-38.0	24.4	-13.6	PASS
2484.075000	-38.1	24.5	-13.6	PASS
2484.275000	-38.5	25.0	-13.6	PASS
2485.025000	-38.6	25.1	-13.6	PASS
2483.875000	-38.7	25.2	-13.6	PASS
2483.825000	-38.7	25.2	-13.6	PASS
2485.725000	-38.8	25.3	-13.6	PASS
2485.775000	-38.8	25.3	-13.6	PASS
2485.475000	-39.0	25.4	-13.6	PASS

Band Edge



Tx Spurious Emission (2462 MHz; 11n(256-QAM) mode Ant 0 (20 MHz))

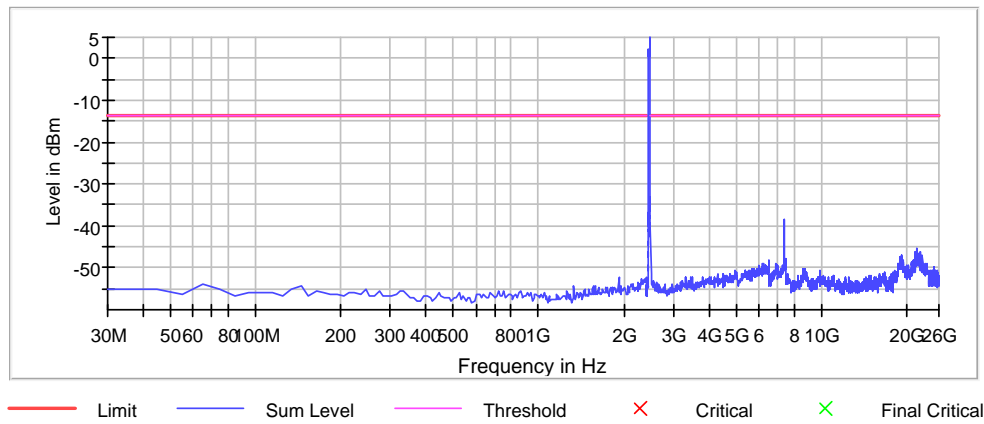
Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7385.685827	-38.6	25.1	-13.6
2488.497131	-39.2	25.6	-13.6
7395.680089	-40.4	26.9	-13.6
7375.691564	-40.5	27.0	-13.6
21607.521568	-45.5	32.0	-13.6
21587.533043	-45.6	32.1	-13.6
7365.697301	-45.8	32.2	-13.6
21647.498619	-46.1	32.5	-13.6
21507.578942	-46.3	32.7	-13.6
22287.131428	-46.4	32.8	-13.6
21597.527306	-46.4	32.9	-13.6
21637.504356	-46.5	32.9	-13.6
22077.251912	-46.5	32.9	-13.6
7405.674352	-46.7	33.1	-13.6
21737.446983	-46.7	33.2	-13.6

Spurious



Minimum Emission Bandwidth 6 dB (2422 MHz; ac40 mode Ant 0 (40 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

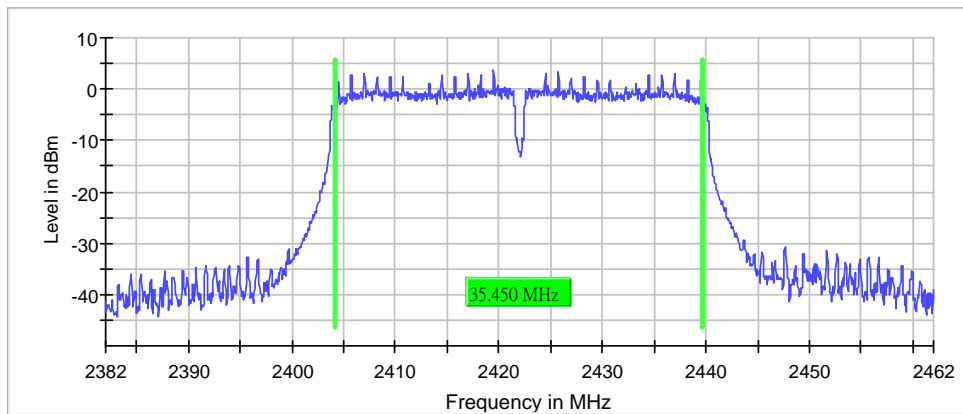
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	35.450000	0.500000	---	2404.175000	2439.625000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2422.000000	3.6	PASS

6 dB Bandwidth



Peak Power Spectral Density (2422 MHz; ac40 mode Ant 0 (40 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW

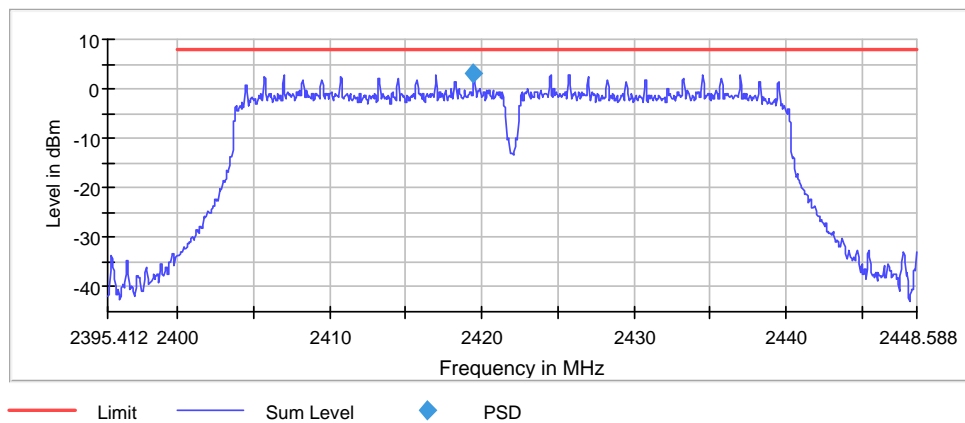
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2422.000000	2419.476187	3.159	8.0	PASS

Ports

Port	State
1	used
2	not used

Peak Power Spectral Density



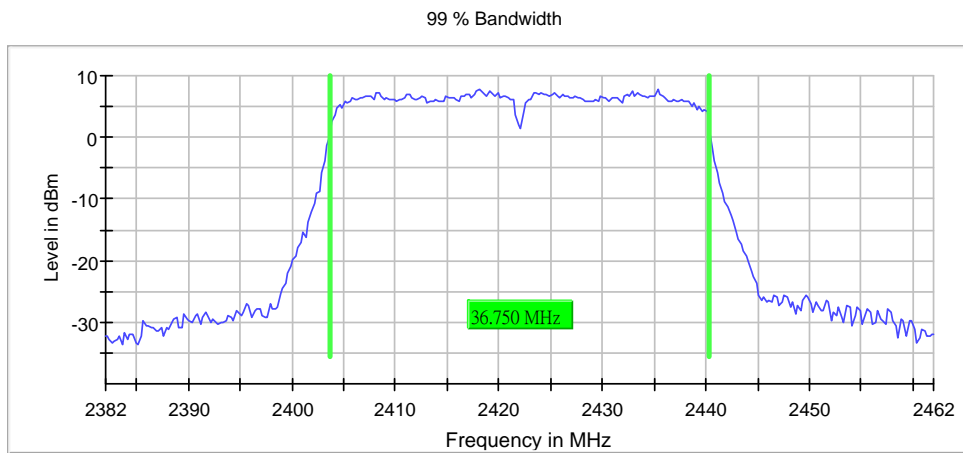
Occupied Channel Bandwidth 99% (2422 MHz; ac40 mode Ant 0 (40 MHz))

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	36.750000	---	---	2403.625000	2440.375000

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

DUT Frequency (MHz)	Result
2422.000000	PASS



Band Edge low (2422 MHz; ac40 mode Ant 0 (40 MHz))

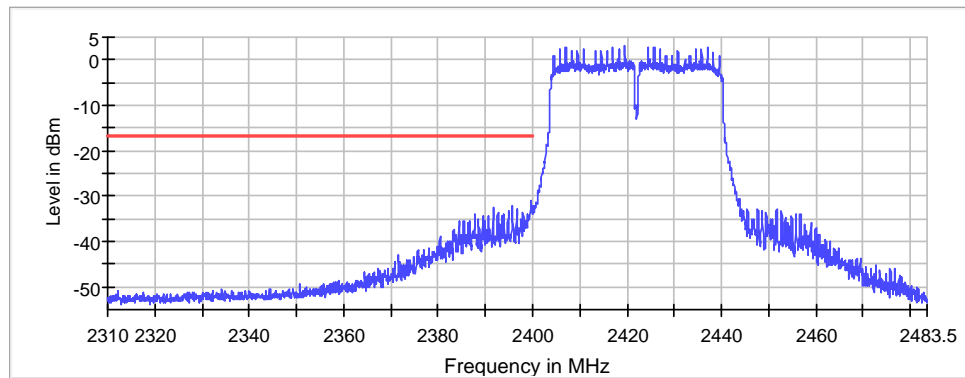
Result

DUT Frequency (MHz)	Result
2422.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399.675000	-31.0	14.1	-16.8	PASS
2399.725000	-31.3	14.5	-16.8	PASS
2399.625000	-31.5	14.6	-16.8	PASS
2399.975000	-32.0	15.2	-16.8	PASS
2395.675000	-32.2	15.4	-16.8	PASS
2395.725000	-32.3	15.5	-16.8	PASS
2391.675000	-32.4	15.6	-16.8	PASS
2399.875000	-32.6	15.8	-16.8	PASS
2396.725000	-32.7	15.9	-16.8	PASS
2391.725000	-32.7	15.9	-16.8	PASS
2395.775000	-32.7	15.9	-16.8	PASS
2391.625000	-32.7	15.9	-16.8	PASS
2396.675000	-32.8	15.9	-16.8	PASS
2399.825000	-32.8	15.9	-16.8	PASS
2399.925000	-32.8	16.0	-16.8	PASS

Band Edge



Tx Spurious Emission (2422 MHz; ac40 mode Ant 0 (40 MHz))

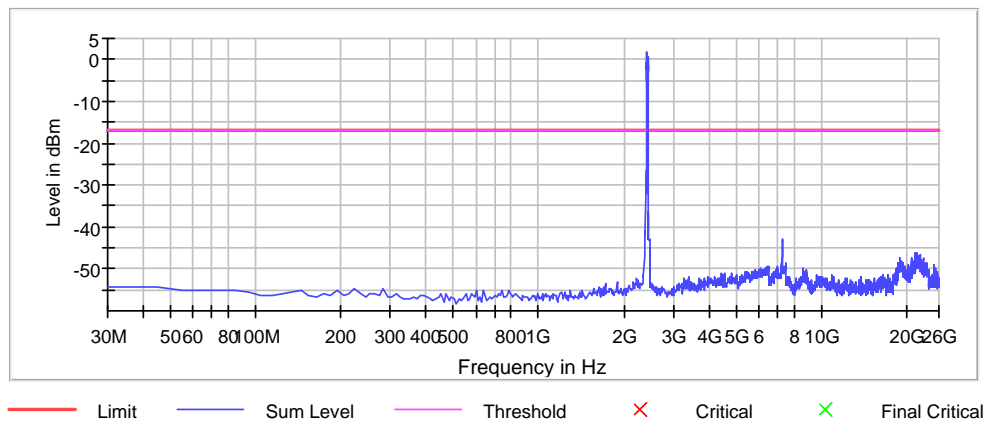
Result

DUT Frequency (MHz)	Result
2422.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-26.1	9.2	-16.8
2375.105042	-40.8	23.9	-16.8
2385.063025	-41.9	25.1	-16.8
7255.760412	-42.9	26.0	-16.8
7275.748938	-43.7	26.9	-16.8
7265.754675	-43.8	27.0	-16.8
7245.766150	-44.3	27.5	-16.8
7285.743200	-45.1	28.2	-16.8
21547.555992	-46.0	29.2	-16.8
7295.737463	-46.1	29.2	-16.8
21607.521568	-46.3	29.4	-16.8
22267.142903	-46.4	29.6	-16.8
21617.515831	-46.7	29.9	-16.8
21587.533043	-46.7	29.9	-16.8
21657.492881	-46.7	29.9	-16.8

Spurious



Minimum Emission Bandwidth 6 dB (2437 MHz; ac40 mode Ant 0 (40 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

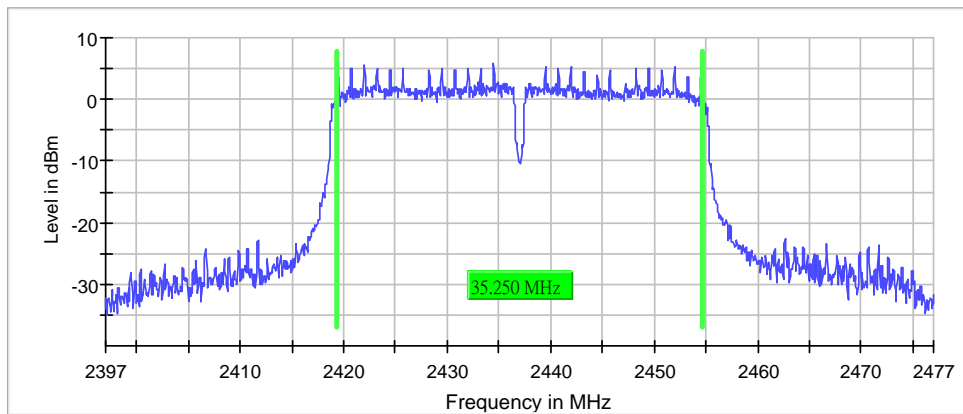
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	35.250000	0.500000	---	2419.375000	2454.625000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	5.9	PASS

6 dB Bandwidth



Peak Power Spectral Density (2437 MHz; ac40 mode Ant 0 (40 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW

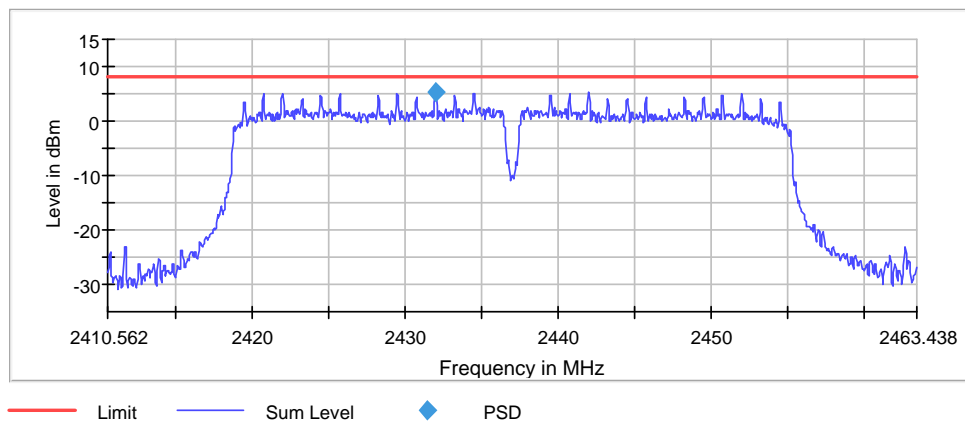
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2431.977375	5.284	8.0	PASS

Ports

Port	State
1	used
2	not used

Peak Power Spectral Density



Occupied Channel Bandwidth 99% (2437 MHz; ac40 mode Ant 0 (40 MHz))

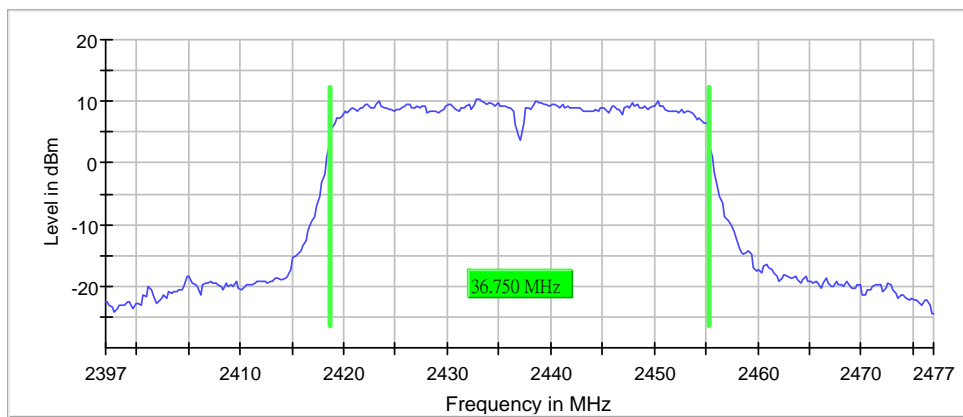
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	36.750000	---	---	2418.625000	2455.375000

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

DUT Frequency (MHz)	Result
2437.000000	PASS

99 % Bandwidth



Tx Spurious Emission (2437 MHz; ac40 mode Ant 0 (40 MHz))

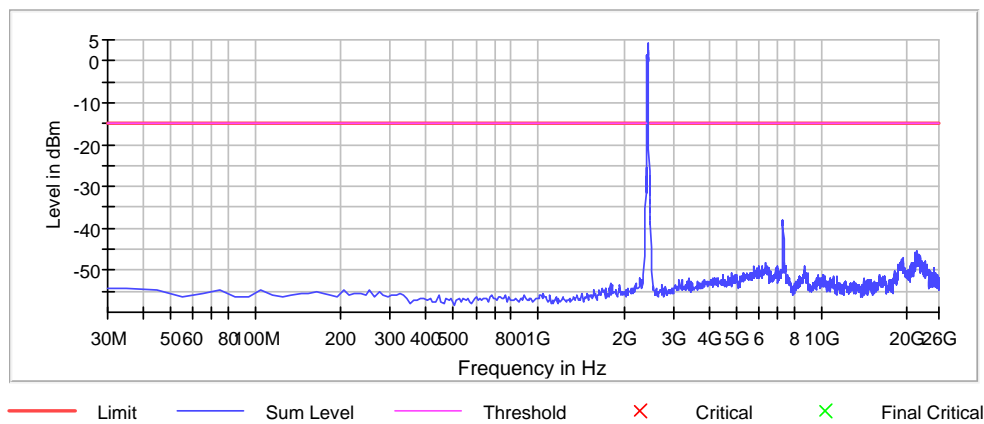
Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-31.1	16.4	-14.7
2385.063025	-35.2	20.5	-14.7
7295.737463	-37.9	23.2	-14.7
7315.725988	-38.3	23.5	-14.7
2488.497131	-38.5	23.8	-14.7
7305.731725	-39.3	24.6	-14.7
7325.720251	-39.6	24.8	-14.7
7285.743200	-40.6	25.9	-14.7
7275.748938	-41.9	27.2	-14.7
7335.714513	-42.5	27.7	-14.7
2375.105042	-43.6	28.9	-14.7
7345.708776	-44.3	29.5	-14.7
2498.491394	-44.7	30.0	-14.7
7265.754675	-45.0	30.3	-14.7
2508.485657	-45.1	30.4	-14.7

Spurious



Minimum Emission Bandwidth 6 dB (2452 MHz; ac40 mode Ant 0 (40 MHz))

6 dB Bandwidth : RBW=100kHz,VBW=3*RBW

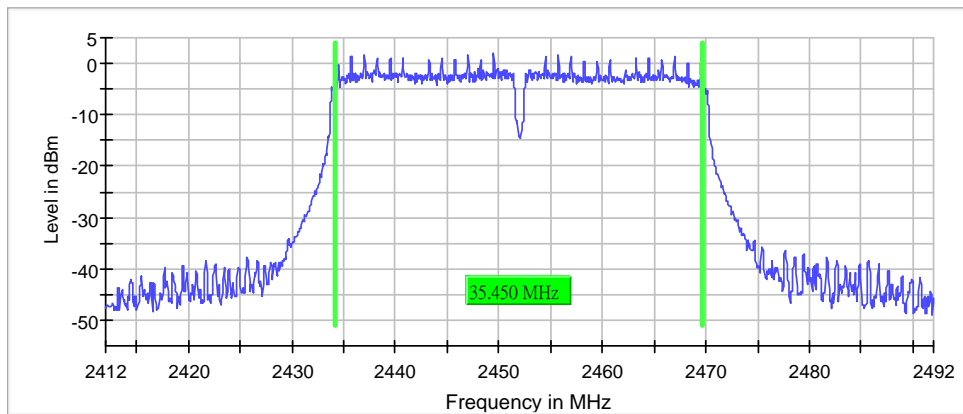
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	35.450000	0.500000	---	2434.175000	2469.625000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2452.000000	2.0	PASS

6 dB Bandwidth



Peak Power Spectral Density (2452 MHz; ac40 mode Ant 0 (40 MHz))

Peak Power Spectral Density :RBW=100kHz,VBW=3*RBW

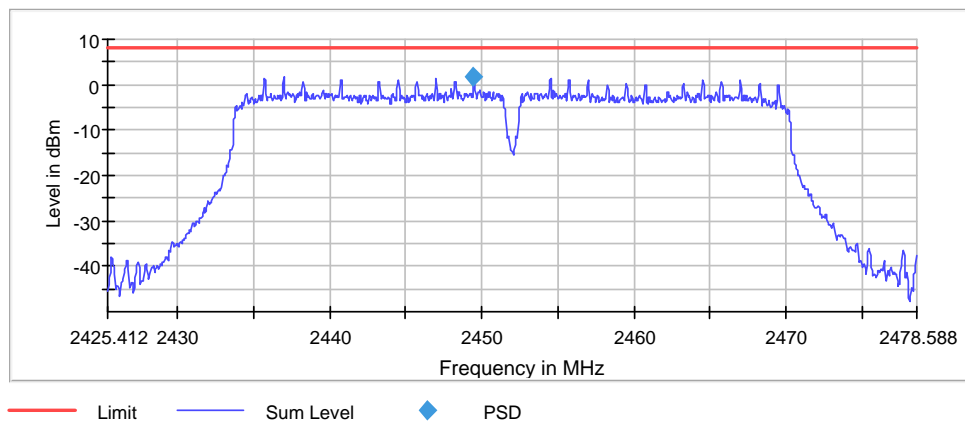
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2452.000000	2449.476187	1.799	8.0	PASS

Ports

Port	State
1	used
2	not used

Peak Power Spectral Density



Occupied Channel Bandwidth 99% (2452 MHz; ac40 mode Ant 0 (40 MHz))

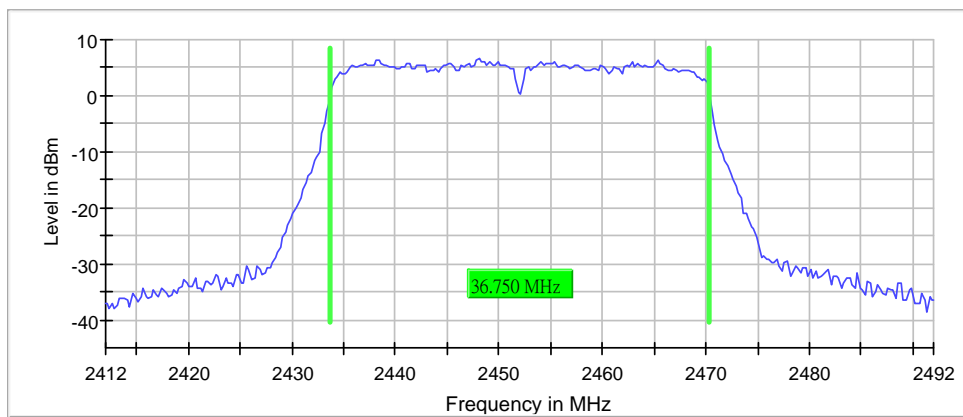
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	36.750000	---	---	2433.625000	2470.375000

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

DUT Frequency (MHz)	Result
2452.000000	PASS

99 % Bandwidth



Band Edge high (2452 MHz; ac40 mode Ant 0 (40 MHz))

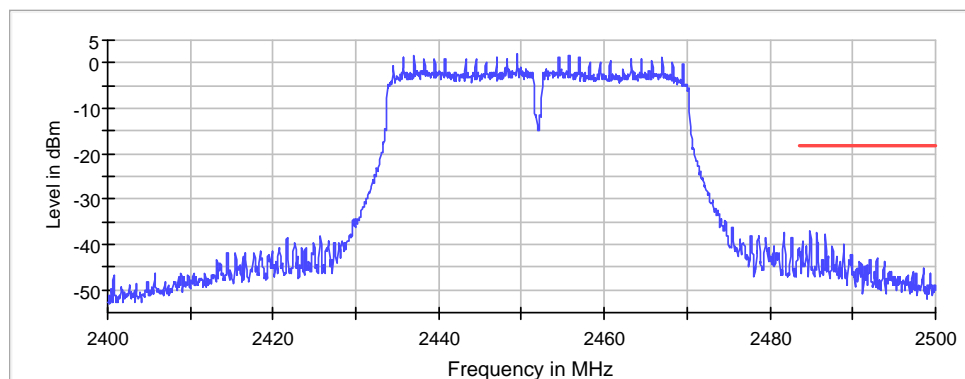
Result

DUT Frequency (MHz)	Result
2452.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2484.875000	-37.1	18.9	-18.2	PASS
2484.825000	-37.3	19.1	-18.2	PASS
2485.725000	-37.5	19.3	-18.2	PASS
2485.675000	-37.7	19.5	-18.2	PASS
2486.675000	-37.7	19.5	-18.2	PASS
2486.725000	-37.9	19.7	-18.2	PASS
2484.775000	-38.1	19.9	-18.2	PASS
2484.925000	-38.9	20.7	-18.2	PASS
2483.925000	-39.1	20.9	-18.2	PASS
2486.625000	-39.3	21.1	-18.2	PASS
2483.975000	-39.6	21.4	-18.2	PASS
2485.825000	-39.8	21.6	-18.2	PASS
2488.925000	-39.9	21.7	-18.2	PASS
2485.875000	-40.0	21.8	-18.2	PASS
2485.625000	-40.0	21.8	-18.2	PASS

Band Edge



— Limit — Sum Level × Fail

Tx Spurious Emission (2452 MHz; ac40 mode Ant 0 (40 MHz))

Result

DUT Frequency (MHz)	Result
2452.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7365.697301	-44.7	26.5	-18.2
7355.703039	-45.4	27.2	-18.2
22127.223226	-45.7	27.5	-18.2
7345.708776	-46.4	28.2	-18.2
7375.691564	-46.4	28.2	-18.2
22327.108479	-46.7	28.5	-18.2
21517.573204	-46.8	28.6	-18.2
21007.865810	-46.9	28.7	-18.2
22137.217488	-46.9	28.7	-18.2
21667.487144	-47.0	28.8	-18.2
22337.102741	-47.0	28.8	-18.2
22147.211751	-47.0	28.8	-18.2
21647.498619	-47.1	28.9	-18.2
22167.200276	-47.1	28.9	-18.2
21477.596154	-47.2	29.0	-18.2

Spurious

