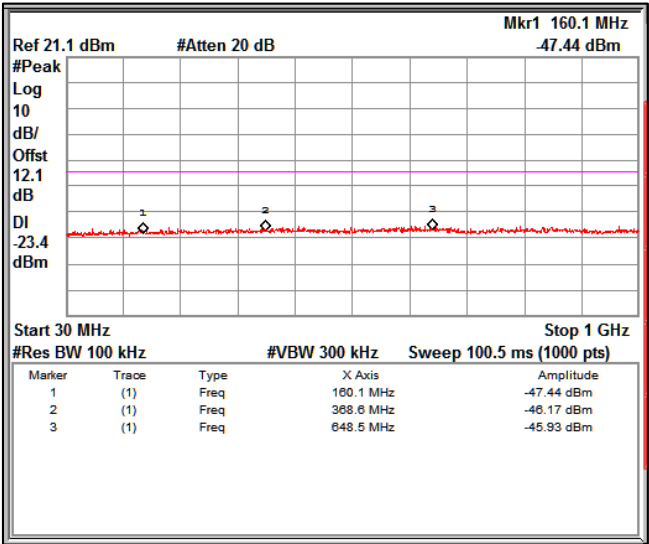
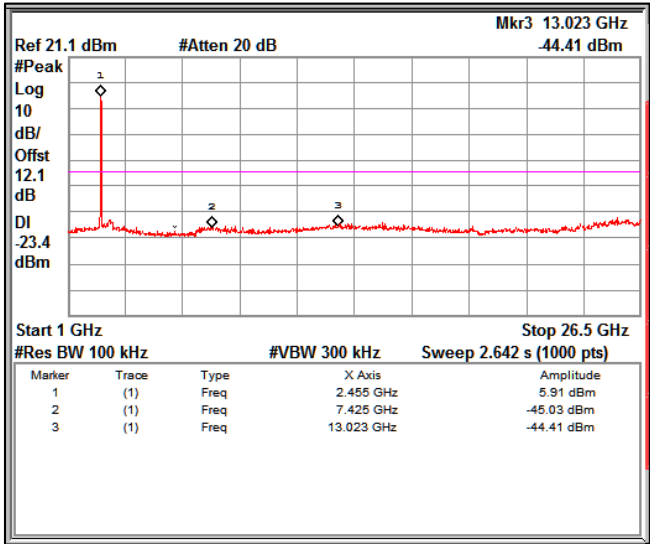
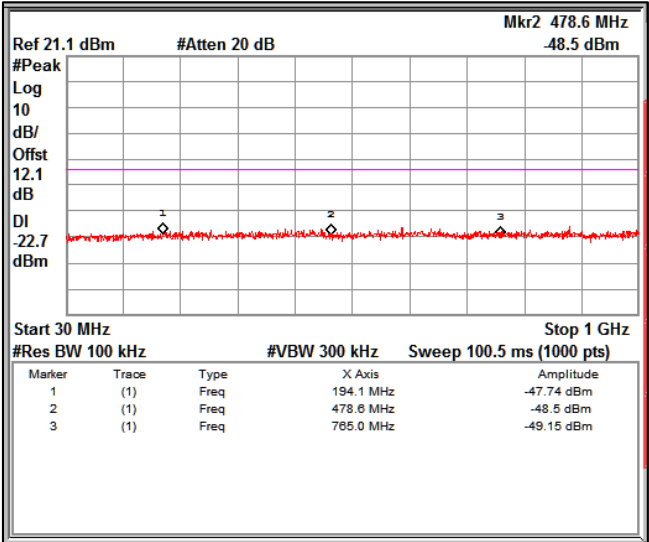




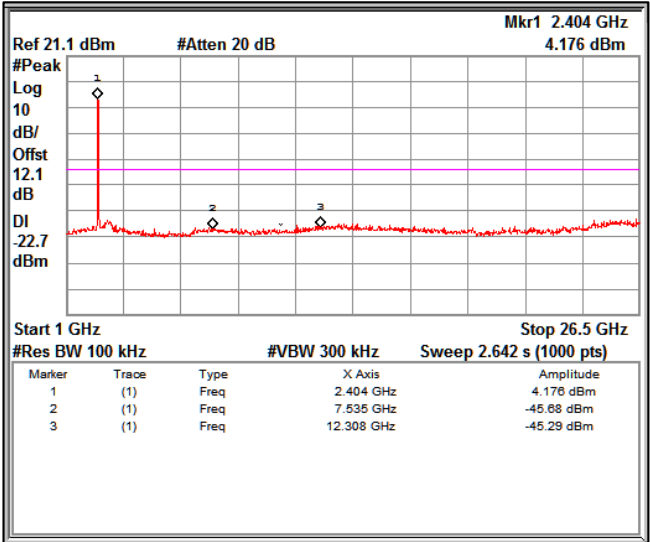
Channel Frequency 2462MHz Frequency Range 30MHz –1GHz



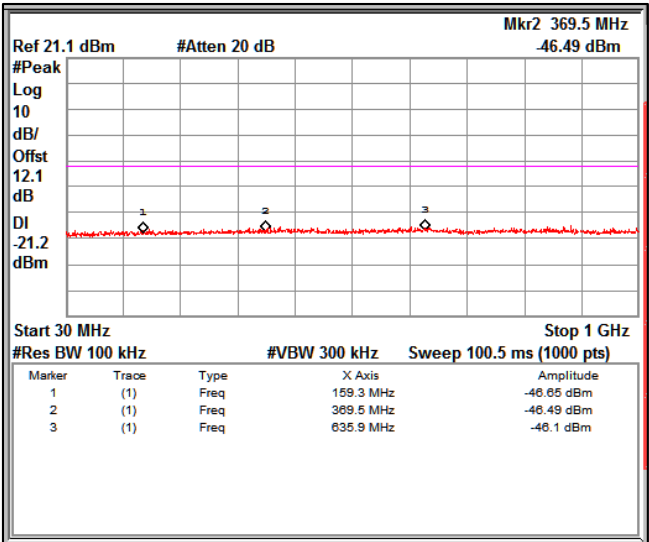
Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

Modulation: 802.11n-HT_20
Data Rate : MCS0


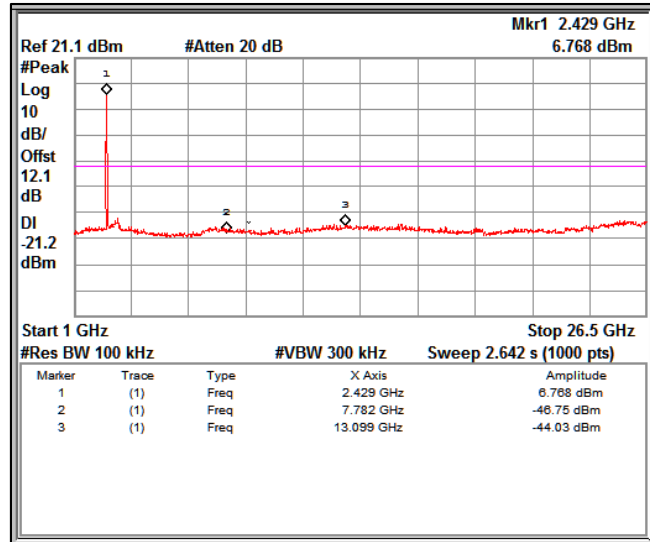
Channel Frequency 2412MHz Frequency Range 30MHz –1GHz



Channel Frequency 2412MHz Frequency Range 1GHz –26.5GHz



Channel Frequency 2437MHz Frequency Range 30MHz –1GHz

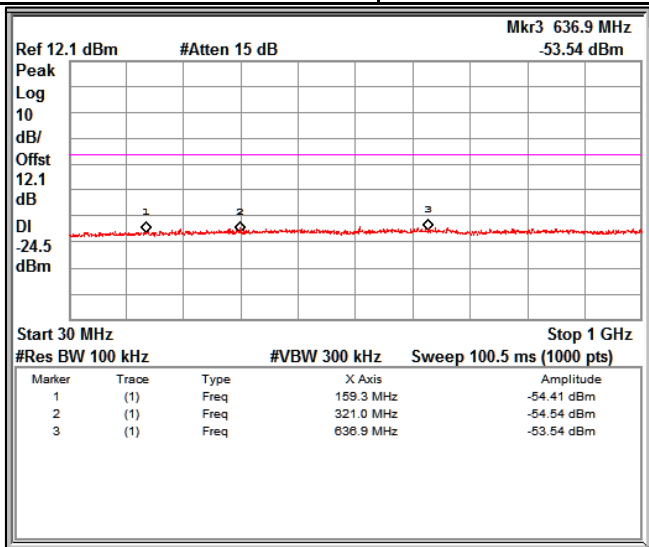


Channel Frequency 2437MHz Frequency Range 1GHz –26.5GHz

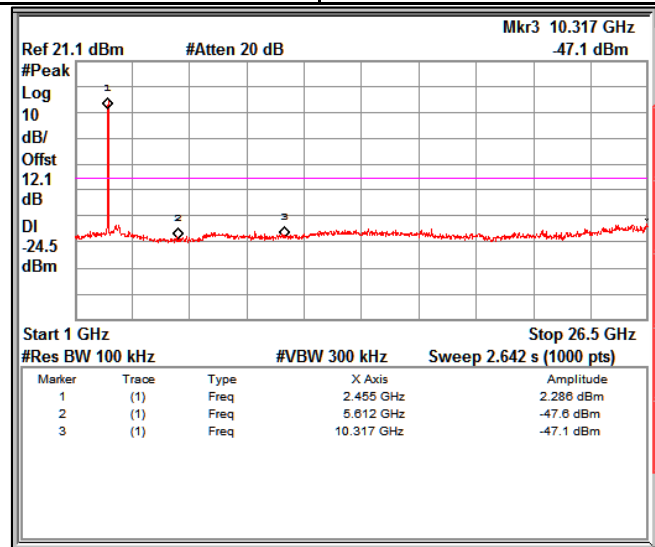
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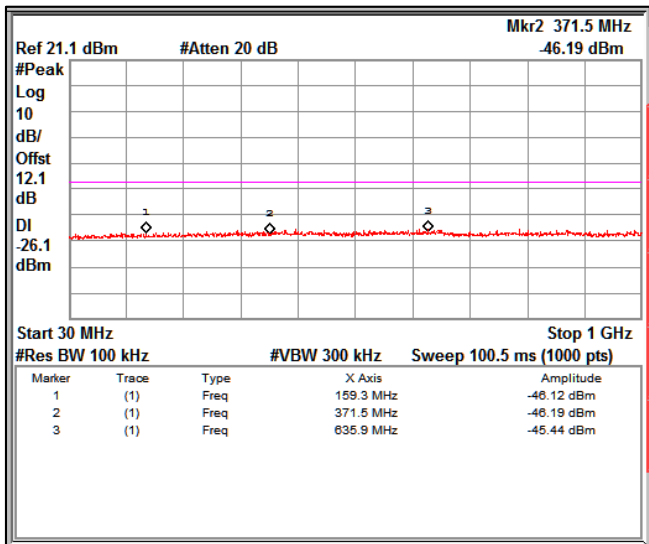
Channel Frequency 2462MHz Frequency Range 30MHz –1GHz



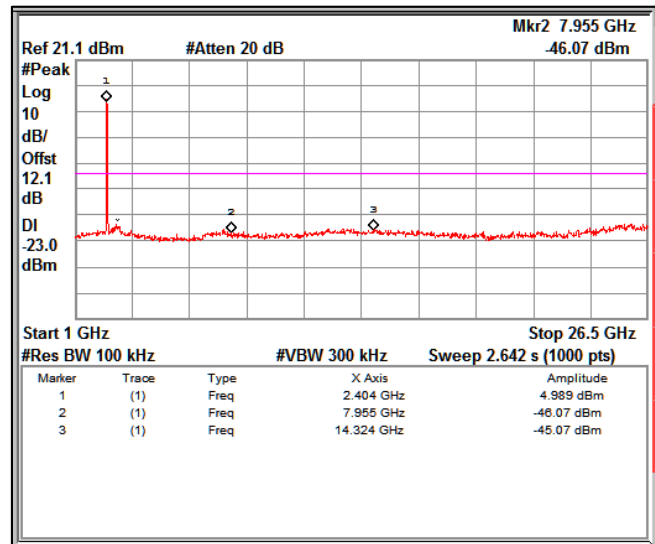
Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

Modulation: 802.11ac-VHT_20

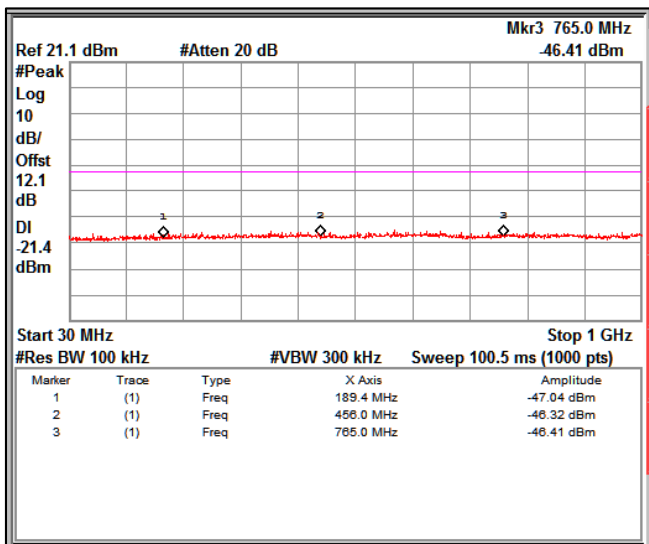
Data Rate : MCS0



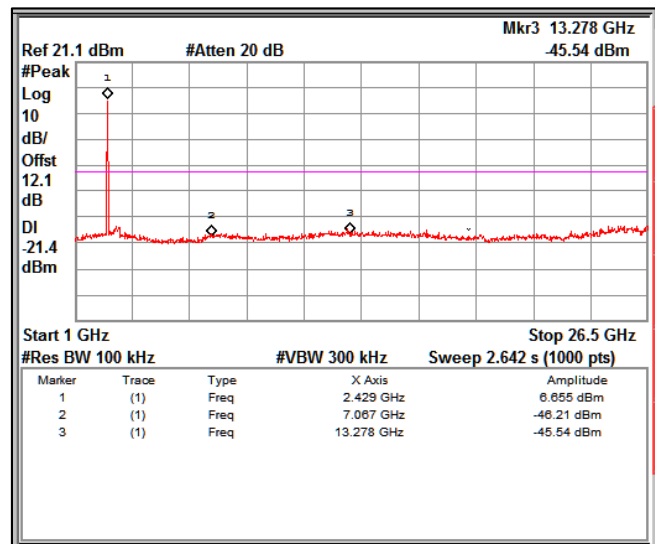
Channel Frequency 2412MHz Frequency Range 30MHz –1GHz



Channel Frequency 2412MHz Frequency Range 1GHz –26.5GHz



Channel Frequency 2437MHz Frequency Range 30MHz –1GHz

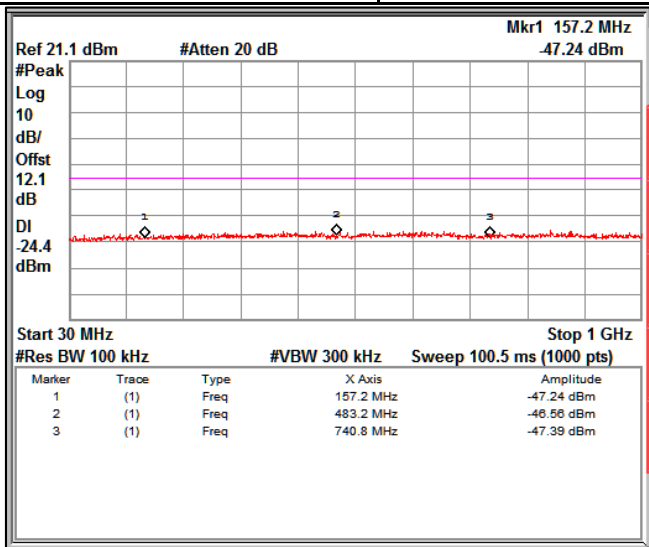


Channel Frequency 2437MHz Frequency Range 1GHz –26.5GHz

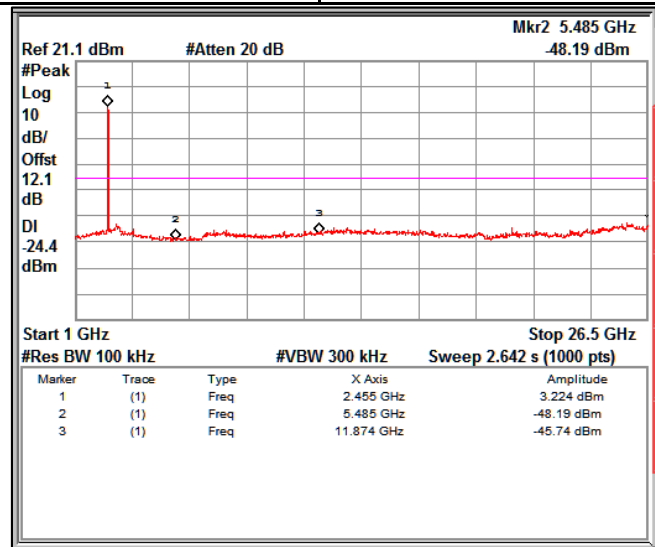
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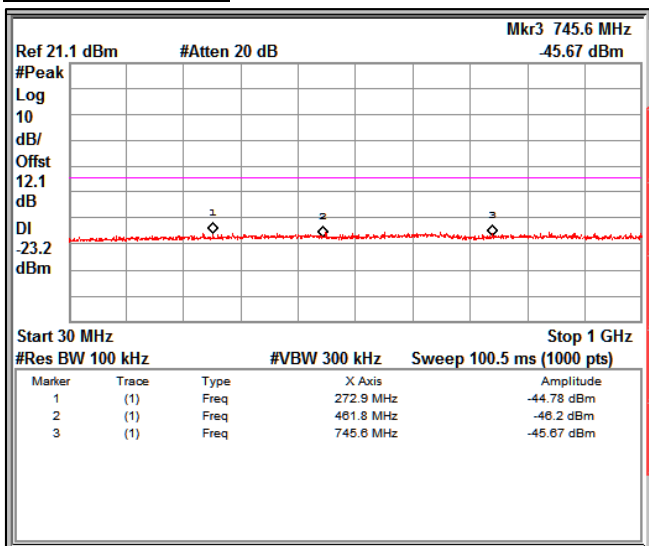


Channel Frequency 2462MHz Frequency Range 30MHz –1GHz

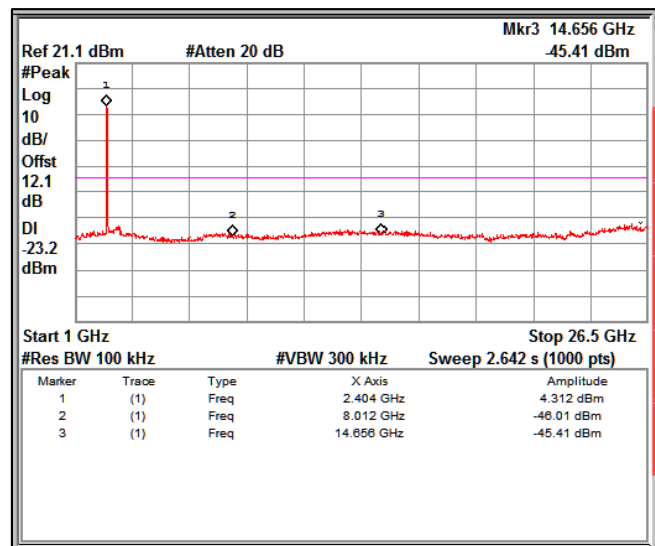


Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

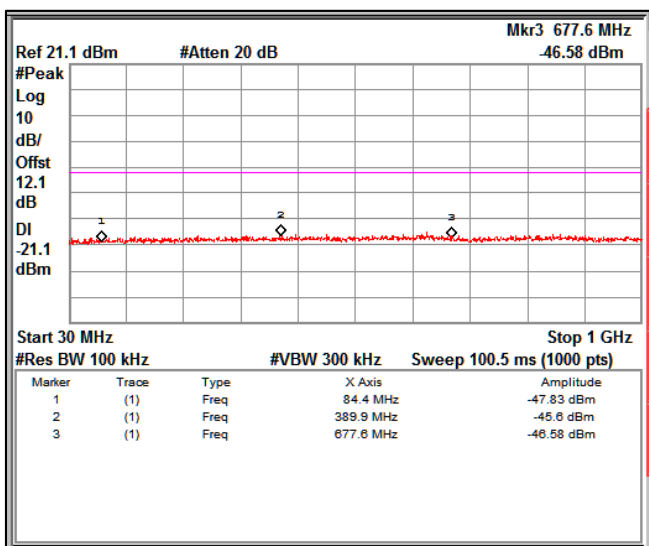
Modulation: 802.11ax-HE_20
Data Rate : MCS0



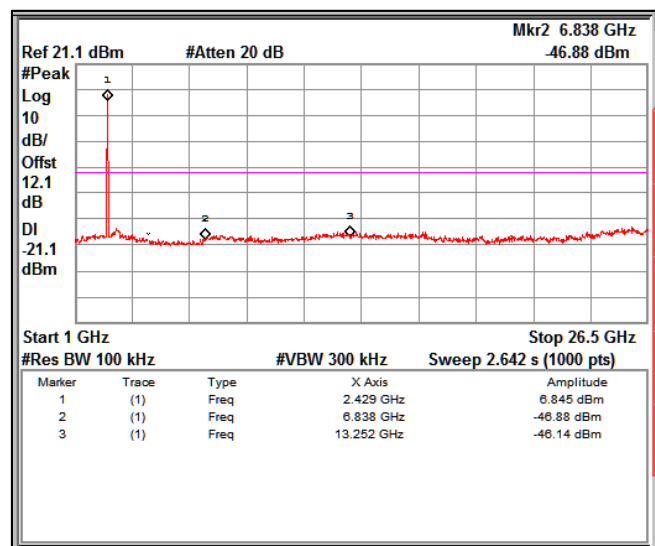
Channel Frequency 2412MHz Frequency Range 30MHz –1GHz



Channel Frequency 2412MHz Frequency Range 1GHz –26.5GHz



Channel Frequency 2437MHz Frequency Range 30MHz –1GHz

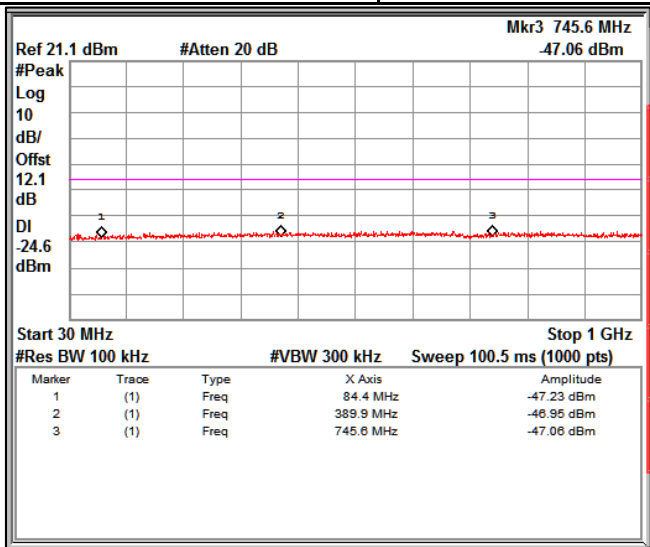


Channel Frequency 2437MHz Frequency Range 1GHz –26.5GHz

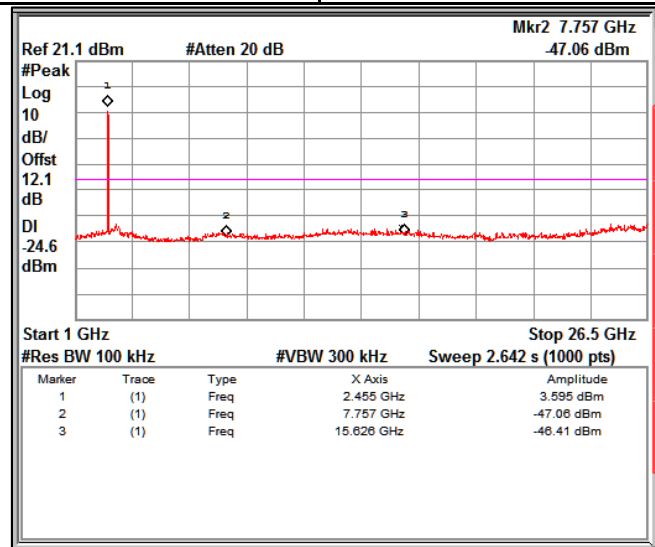
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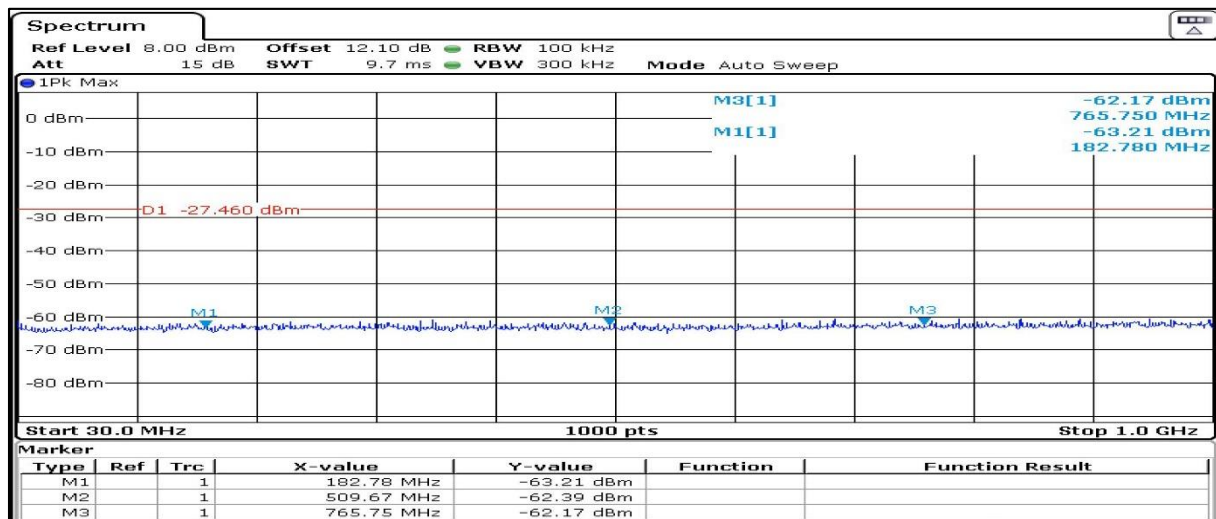


Channel Frequency 2462MHz Frequency Range 30MHz –1GHz



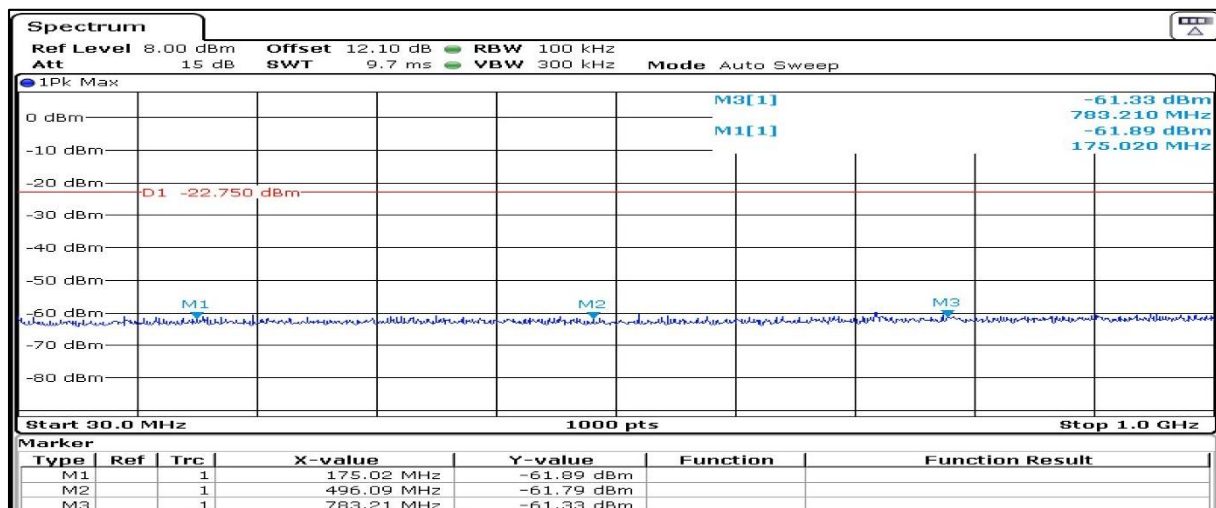
Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

Modulation: 802.11n-HT_40
Data Rate : MCS0



Channel frequency 2422MHz

Frequency Range 30MHz –1GHz



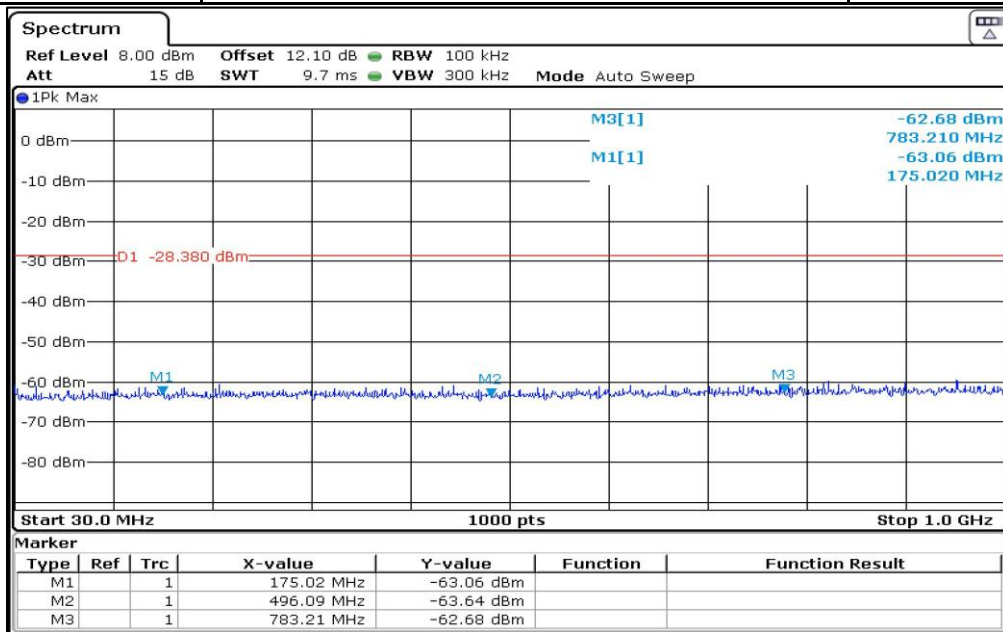
Channel frequency 2437MHz

Frequency Range 30MHz –1GHz

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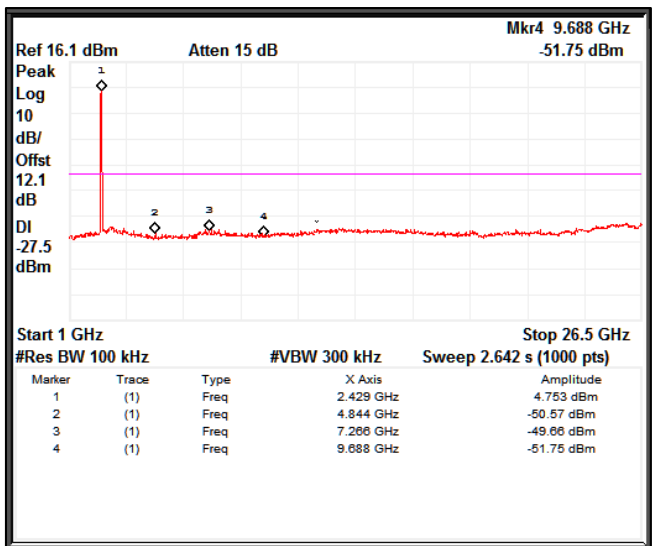
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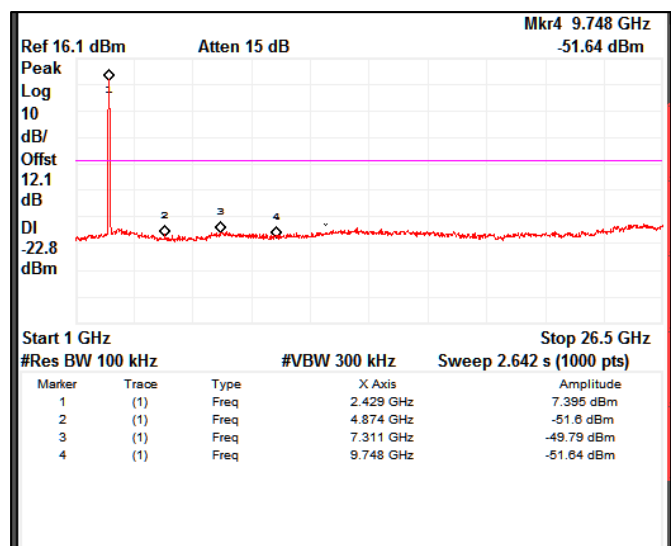
Channel frequency 2452MHz

Frequency Range 30MHz –1GHz



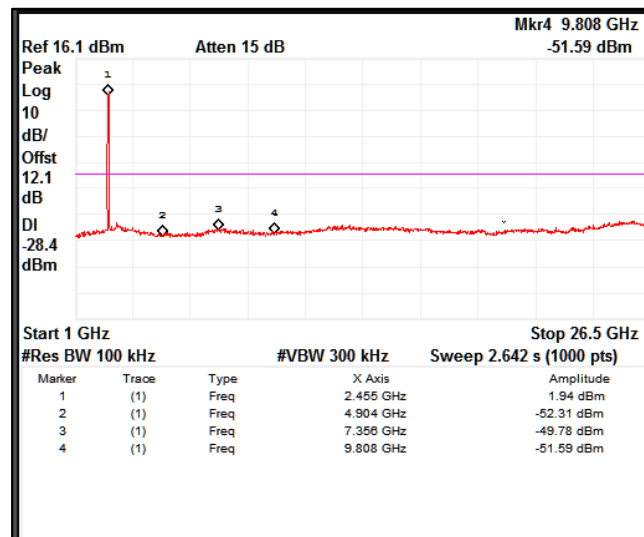
Channel frequency 2422MHz

Frequency Range 1GHz –26.5GHz



Channel frequency 2437MHz

Frequency Range 1GHz –26.5GHz



Channel frequency 2452MHz

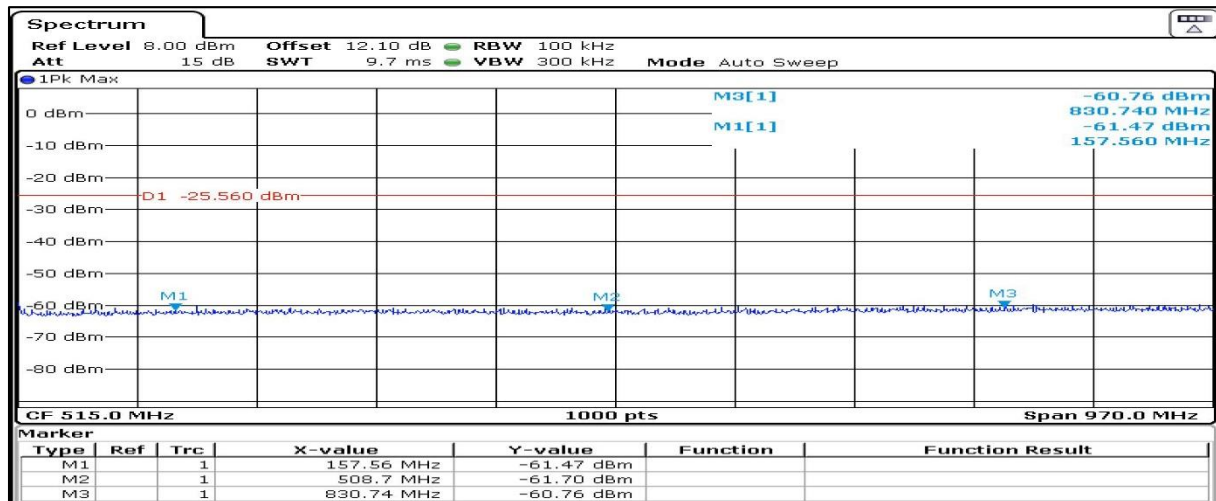
Frequency Range 1GHz –26.5GHz

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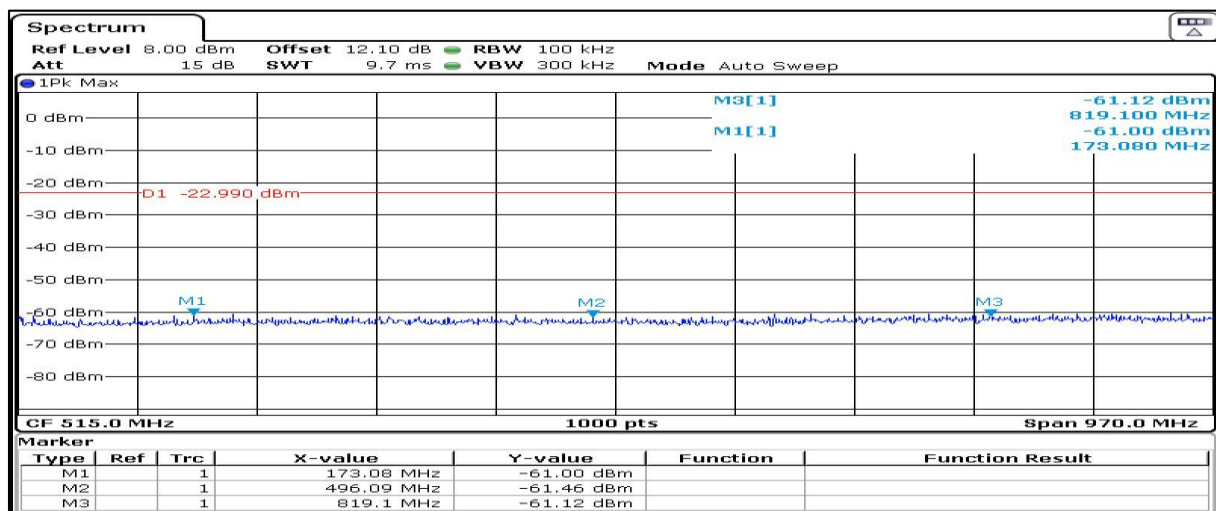
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Modulation: 802.11ac-VHT_40
Data Rate : MCS0



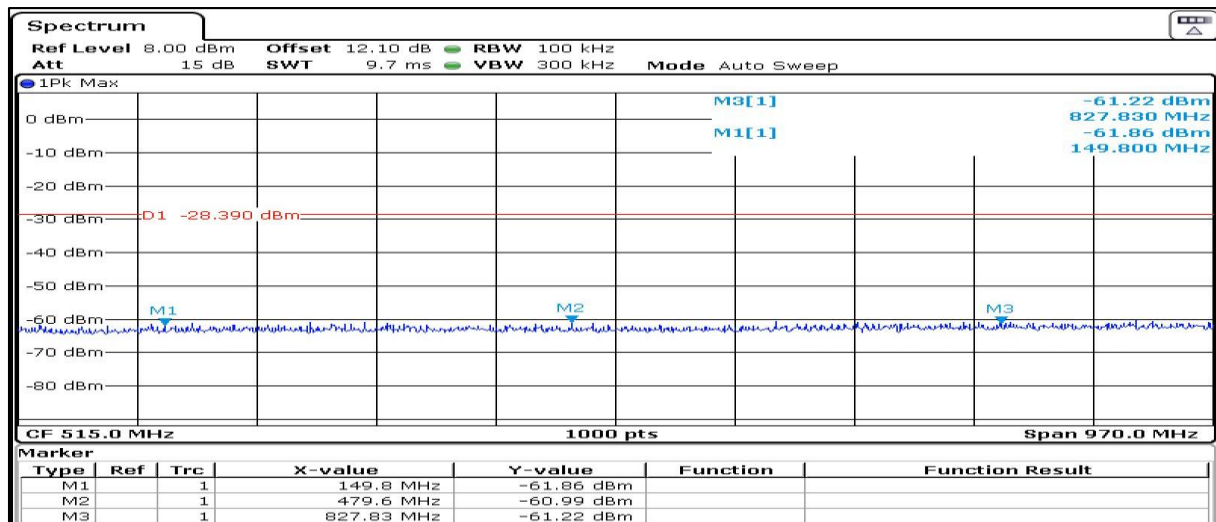
Channel frequency 2422MHz

Frequency Range 30MHz –1GHz



Channel frequency 2437MHz

Frequency Range 30MHz –1GHz



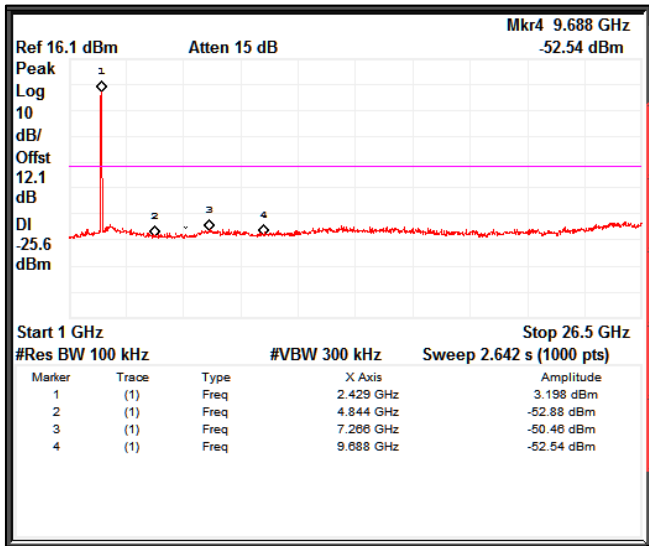
Channel frequency 2452MHz

Frequency Range 30MHz –1GHz

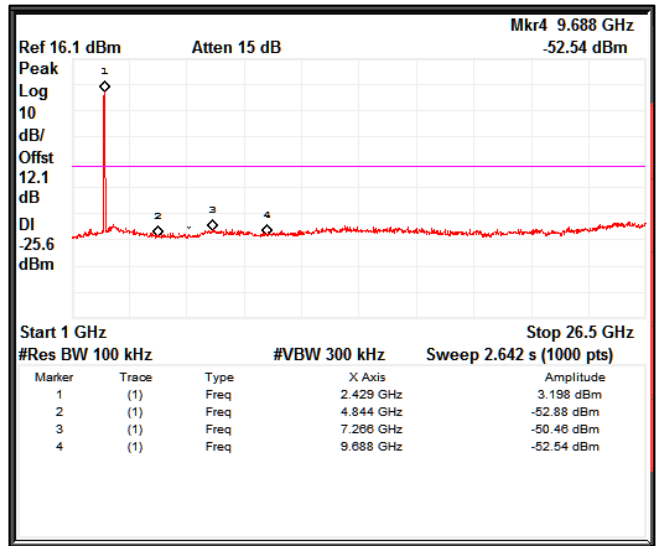
Prüfbericht - Nr.:
Test Report No.:

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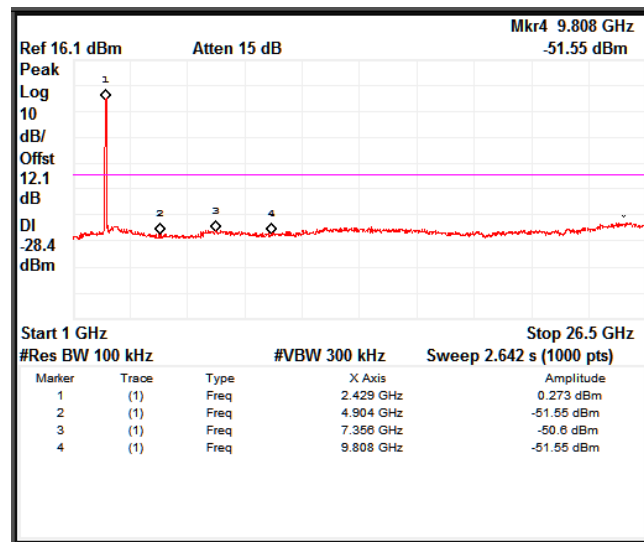
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Channel frequency 2422MHz Frequency Range 1GHz –26.5GHz



Channel frequency 2437MHz Frequency Range 1GHz –26.5GHz



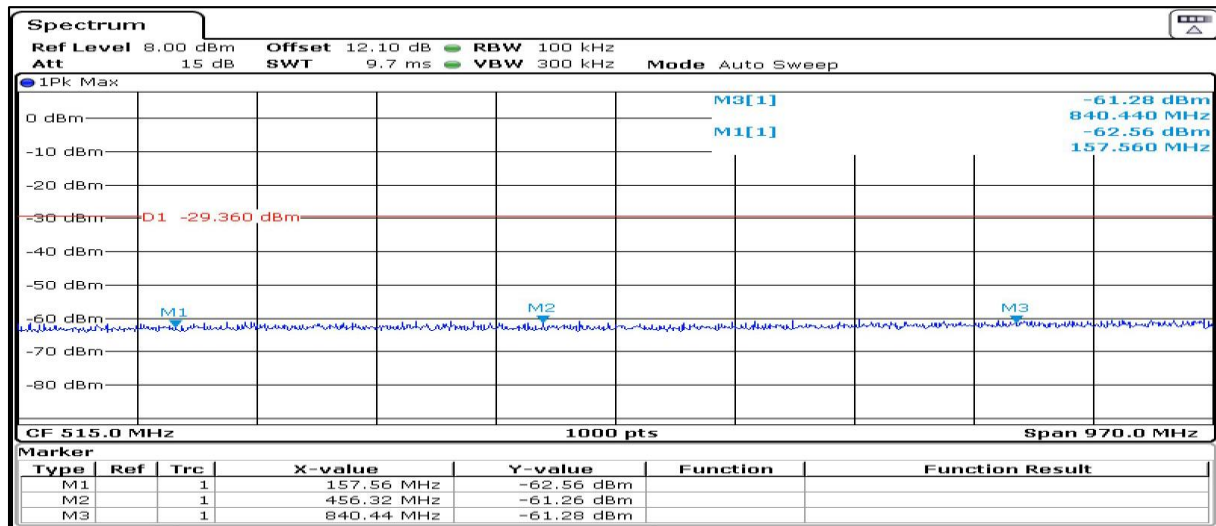
Channel frequency 2452MHz Frequency Range 1GHz –26.5GHz

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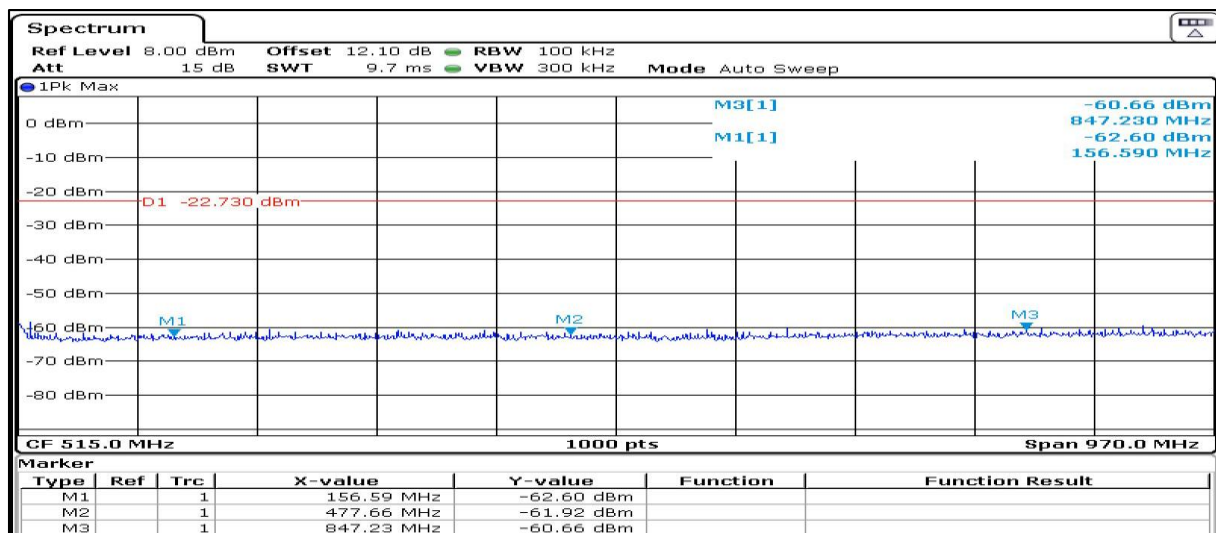
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Modulation: 802.11ax-HE_40
Data Rate : MCS0



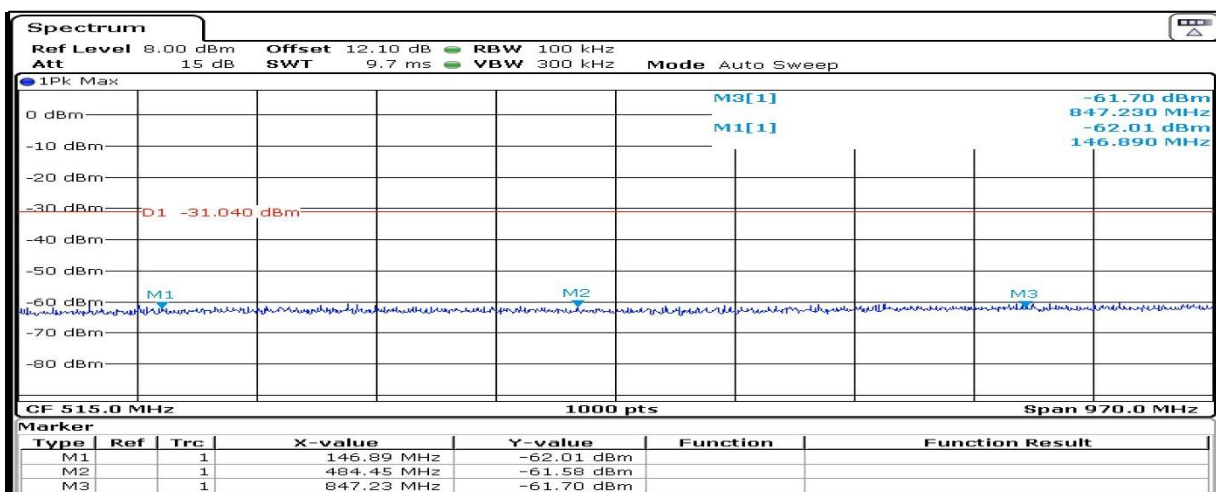
Channel frequency 2422MHz

Frequency Range 30MHz –1GHz



Channel frequency 2437MHz

Frequency Range 30MHz –1GHz



Channel frequency 2452MHz

Frequency Range 30MHz –1GHz

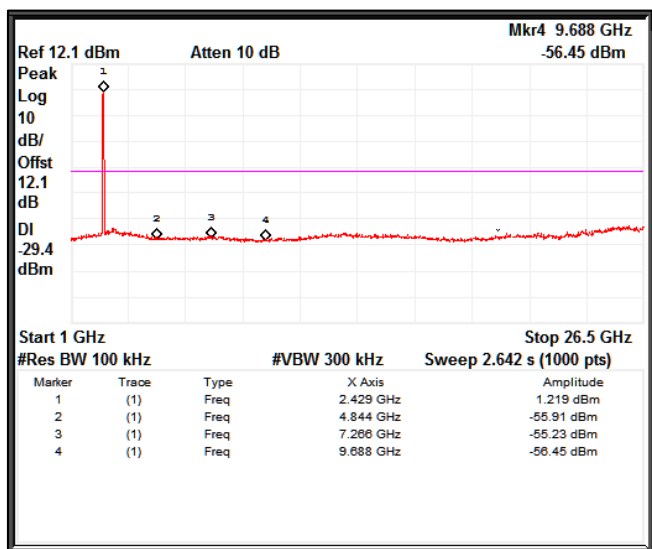
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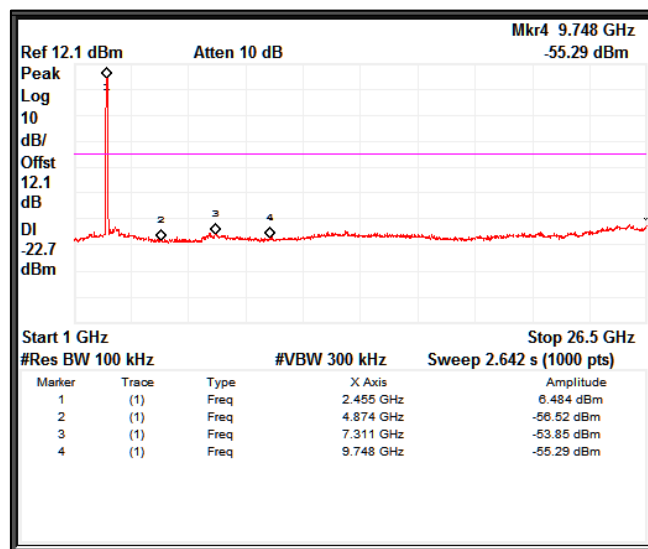
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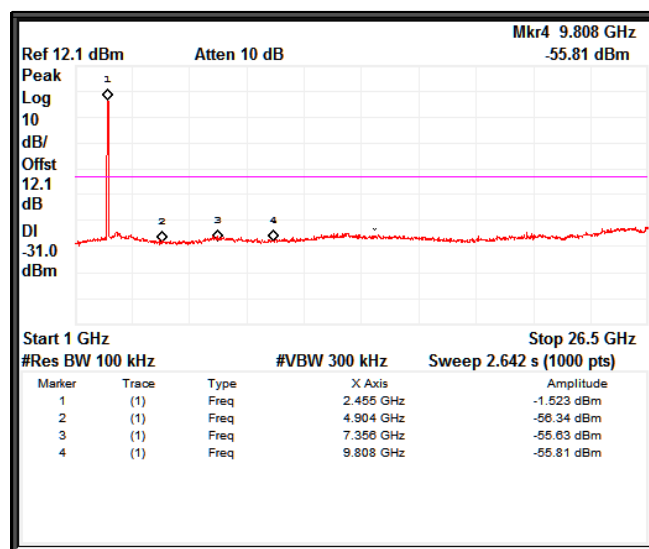
Channel frequency 2422MHz

Frequency Range 1GHz –26.5GHz



Channel frequency 2437MHz

Frequency Range 1GHz –26.5GHz



Channel frequency 2452MHz

Frequency Range 1GHz –26.5GHz

7.5 Spurious Radiated Emissions & Restricted Bands of Operation

Result

Pass

Test Specification	FCC part 15 Subpart C 15.247 (d) / (15.209 & 15.205) / IC RSS-GEN, Section 8.9 and 8.10
Test Method	ANSI C63.10
Measurement Location	Semi Anechoic Chamber 30MHz - 1 GHz Fully Anechoic Chamber 1 GHz - 40GHz
Measurement Bandwidth	100 kHz for frequency range < 1GHz 1 MHz for Frequency range >1GHz
Detector	Refer remarks below
Measuring Distance	3 m
Requirement	As per the limits mentioned in the below table
Test setup	Refer Clause 7 TEST METHODOLOGY

Table 7: Transmitter limits for Radiated emission

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Distance of Measurement (m)
0.009 – 0.490	2400/F(kHz)	48.50 – 13.80	300*
0.490 – 1.705	24000/F(kHz)	33.80 – 23.00	30*
1.705 -30	30	29.54	30*
30-88	100	40.0	3
88-216	150	43.5	3
216-960	200	46.0	3
Above 960	500	54.0	3

Remark: * The limit shows in the table above of frequency range 0.009 – 0.490, 0.490 – 1.705 MHz and 1.705-30MHz is at 300 meter, 30 meter and 30 meter range respectively, which corresponds to 128.51 – 93.80, 73.80 – 62.96 and 69.54 dBμV/m at 3m range by extrapolation calculation and the measurement of loop antenna.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Conditions:

Temperature (Norm) = + 25 °C

Voltage = 3.3 V DC through AC to Dc adaptor Relative humidity = 62 %

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Test results:

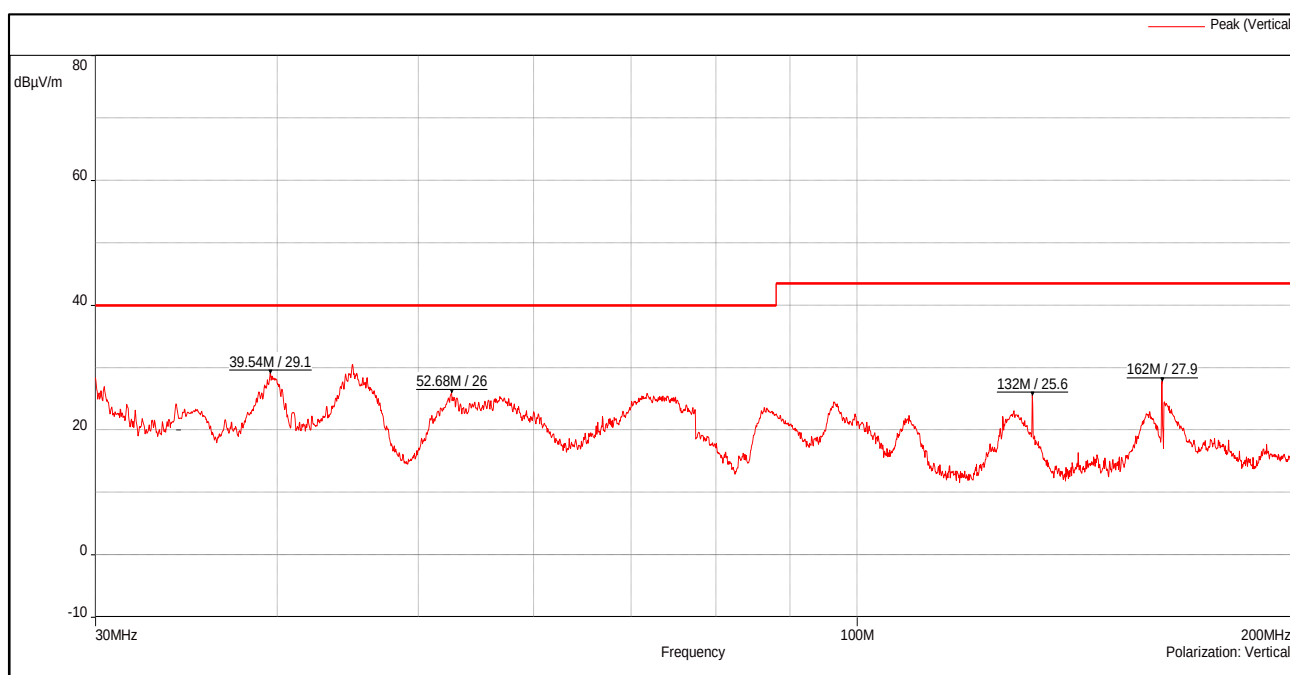
Note: All the losses are included during measurement and final values are mentioned in the test report. Refer Clause 7 TEST METHODOLOGY for more details

Test results for frequency range 9kHz – 30MHz

No emissions found in frequency range 9 kHz to 30 MHz, and measured levels are below 20dB from the limit line, hence not reported

Test results for frequency range 30MHz – 1GHz

Antenna Polarization	Measured Frequency (MHz)	Measured value (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	39.54	29.10	40.00	-10.90
	52.68	26.00	40.00	-14.00
	132.00	25.60	43.50	-17.90
	162.00	27.90	43.50	-15.60
	238.64	9.99	46.00	-36.01
	395.99	12.90	46.00	-33.10
	653.45	14.90	46.00	-31.10
Horizontal	39.63	16.20	40.00	-23.80
	57.06	16.60	43.50	-26.90
	127.95	27.00	43.50	-16.50
	157.98	33.93	43.50	-9.57
	263.99	3.93	46.00	-42.07
	395.99	18.70	46.00	-27.30
	659.84	14.20	46.00	-31.80



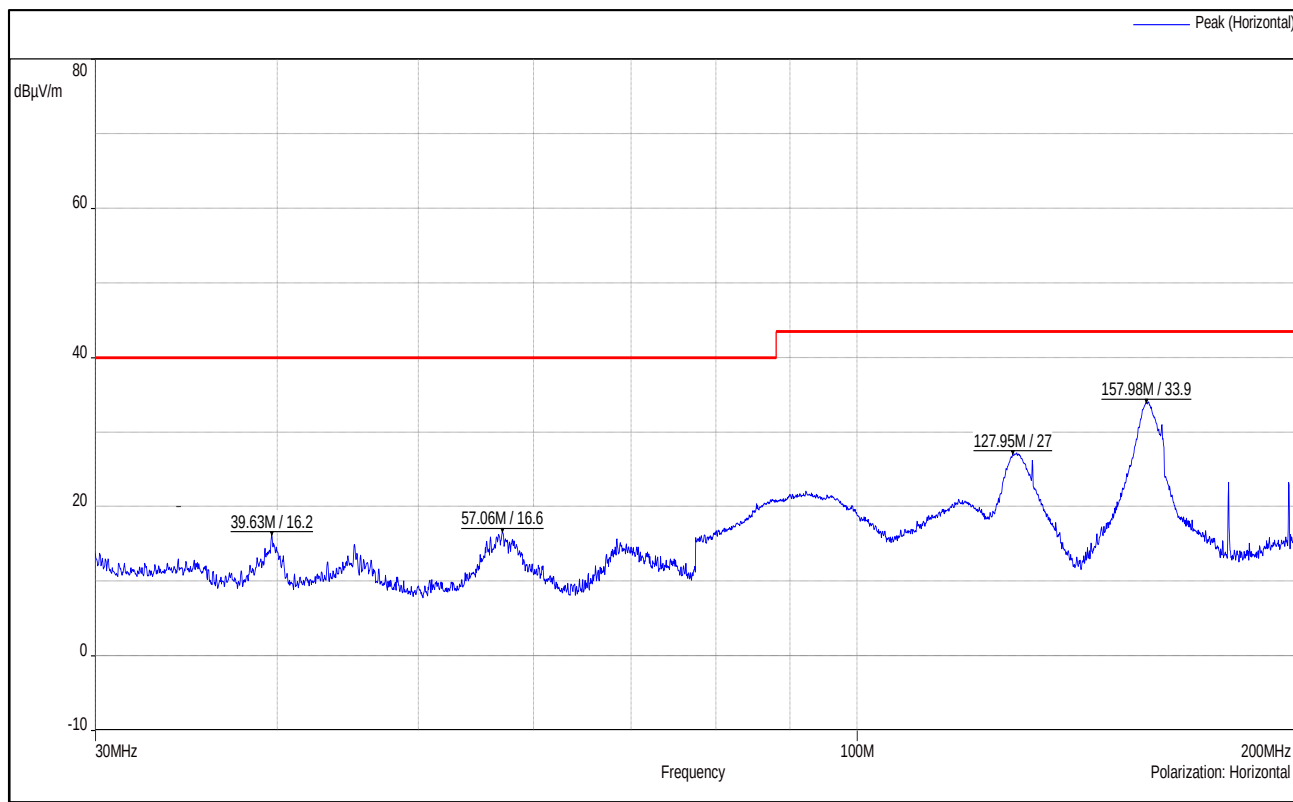
Channel Frequency 30MHz – 200MHz

Polarization Vertical

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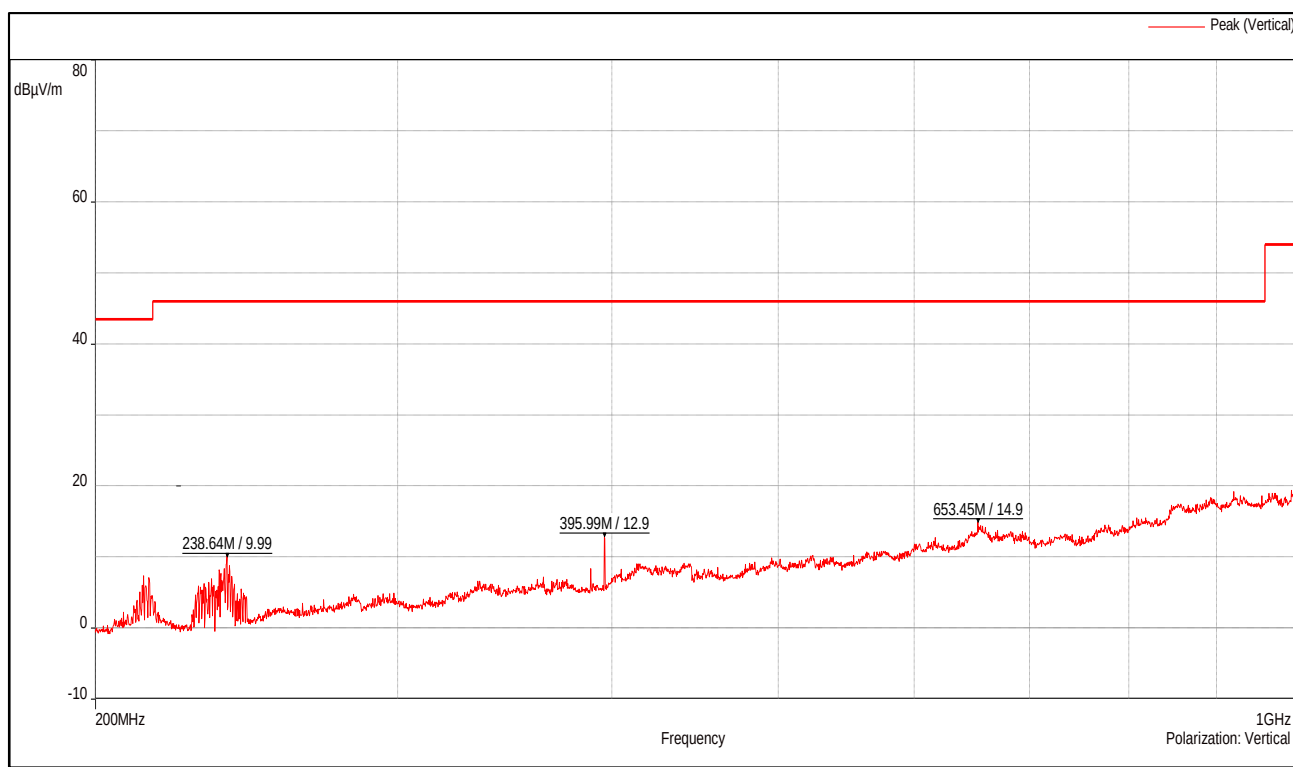
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Channel Frequency 30MHz – 200MHz

Polarization Horizontal



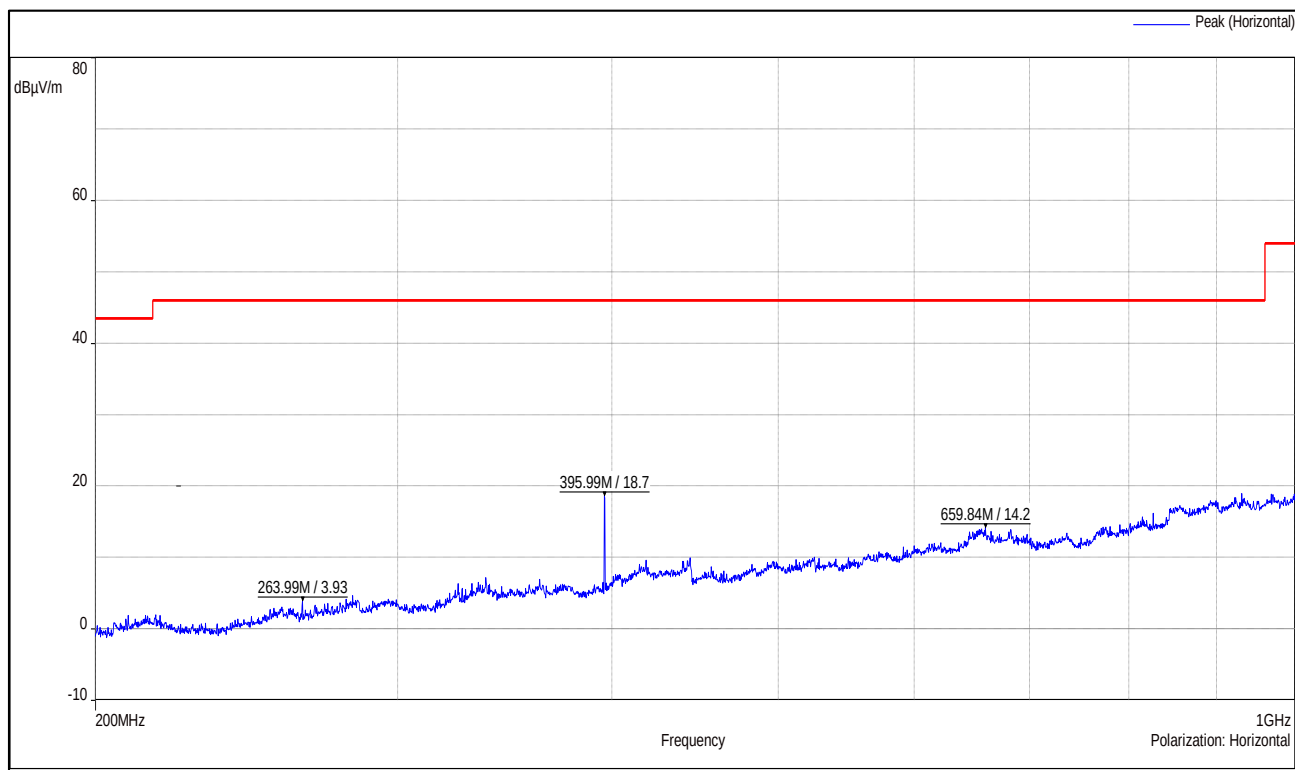
Channel Frequency 200MHz – 1GHz

Polarization Vertical

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Channel Frequency 200MHz – 1GHz

Polarization Horizontal

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Test results for the frequencies in the range 1 GHz to 26.5 GHz

Antenna Type: 1001932PT Flex/PCB MIMO Antenna Results

Modulation: 802.11b

Data Rate: 1Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	99.49	-	-
		2412(Av)	96.94	-	-
		2390(Pk)	45.67	74*	-28.33
		2390(Av)	36.20	54*	-17.80
		4824(Pk)	42.11	74	-31.89
		4824(Av)	31.88	54	-22.12
		7236(Pk)	48.84	74	-25.16
		7236(Av)	39.63	54	-14.37
	Horizontal	2412(Pk)	108.82	-	-
		2412(Av)	106.13	-	-
		2390(Pk)	53.30	74*	-20.70
		2390(Av)	43.82	54*	-10.18
		4824(Pk)	44.44	74	-29.56
		4824(Av)	33.89	54	-20.11
		7236(Pk)	51.71	74	-22.29
		7236(Av)	42.99	54	-11.01
2437	Vertical	2437(Pk)	103.65	-	-
		2437(Av)	101.14	-	-
		4874(Pk)	42.14	74	-31.86
		4874(Av)	30.52	54	-23.48
		7311(Pk)	48.41	74	-25.59
		7311(Av)	38.24	54	-15.76
	Horizontal	2437(Pk)	111.84	-	-
		2437(Av)	109.40	-	-
		4874(Pk)	42.67	74	-31.33
		4874(Av)	31.63	54	-22.37
		7311(Pk)	46.79	74	-27.21
		7311(Av)	35.37	54	-18.63
2462	Vertical	2462(Pk)	100.61	-	-
		2462(Av)	97.84	-	-
		2483.5(Pk)	47.11	74*	-26.89
		2483.5(Av)	38.76	54*	-15.24
		4924(Pk)	42.06	74	-31.94
		4924(Av)	30.66	54	-23.34
		7386(Pk)	49.83	74	-24.17
		7386(Av)	39.81	54	-14.19
	Horizontal	2462(Pk)	102.63	-	-
		2462(Av)	100.01	-	-
		2483.5(Pk)	52.62	74*	-21.38
		2483.5(Av)	43.11	54*	-10.89
		4924(Pk)	45.43	74	-28.57
		4924(Av)	37.42	54	-16.58
		7386(Pk)	49.49	74	-24.51
		7386(Av)	38.46	54	-15.54

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11b

Data Rate: 11Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	103.67	-	-
		2412(Av)	94.41	-	-
		2390(Pk)	44.01	74*	-29.99
		2390(Av)	31.50	54*	-22.50
		4824(Pk)	41.61	74	-32.39
		4824(Av)	29.53	54	-24.47
		7236(Pk)	47.03	74	-26.97
		7236(Av)	35.30	54	-18.70
	Horizontal	2412(Pk)	105.10	-	-
		2412(Av)	95.82	-	-
		2390(Pk)	49.79	74*	-24.21
		2390(Av)	35.66	54*	-18.34
		4824(Pk)	41.25	74	-32.75
		4824(Av)	29.76	54	-24.24
		7236(Pk)	47.12	74	-26.88
		7236(Av)	35.42	54	-18.58
2437	Vertical	2437(Pk)	108.53	-	-
		2437(Av)	99.42	-	-
		4874(Pk)	41.76	74	-32.24
		4874(Av)	29.60	54	-24.40
		7311(Pk)	48.37	74	-25.63
		7311(Av)	36.43	54	-17.57
	Horizontal	2437(Pk)	114.65	-	-
		2437(Av)	105.48	-	-
		4874(Pk)	41.49	74	-32.51
		4874(Av)	29.60	54	-24.40
		7311(Pk)	47.11	74	-26.89
		7311(Av)	35.13	54	-18.87
2462	Vertical	2462(Pk)	105.46	-	-
		2462(Av)	96.25	-	-
		2483.5(Pk)	48.77	74*	-25.23
		2483.5(Av)	34.60	54*	-19.40
		4924(Pk)	41.74	74	-32.26
		4924(Av)	29.58	54	-24.42
		7386(Pk)	47.59	74	-26.41
		7386(Av)	35.70	54	-18.30
	Horizontal	2462(Pk)	114.48	-	-
		2462(Av)	105.24	-	-
		2483.5(Pk)	57.63	74*	-16.37
		2483.5(Av)	42.84	54*	-11.16
		4924(Pk)	41.92	74	-32.08
		4924(Av)	29.96	54	-24.04
		7386(Pk)	46.38	74	-27.62
		7386(Av)	34.99	54	-19.01

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11g

Data Rate: 6Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	100.87	-	-
		2412(Av)	91.92	-	-
		2390(Pk)	64.17	74*	-9.83
		2390(Av)	43.08	54*	-10.92
		4824(Pk)	41.54	74	-32.46
		4824(Av)	29.43	54	-24.57
		7236(Pk)	46.35	74	-27.65
		7236(Av)	35.16	54	-18.84
	Horizontal	2412(Pk)	107.22	-	-
		2412(Av)	97.41	-	-
		2390(Pk)	68.90	74*	-5.10
		2390(Av)	47.13	54*	-6.87
		4824(Pk)	41.92	74	-32.08
		4824(Av)	29.62	54	-24.38
		7236(Pk)	47.12	74	-26.88
		7236(Av)	35.25	54	-18.75
2437	Vertical	2437(Pk)	106.01	-	-
		2437(Av)	96.53	-	-
		4874(Pk)	41.72	74	-32.28
		4874(Av)	29.63	54	-24.37
		7311(Pk)	47.21	74	-26.79
		7311(Av)	35.57	54	-18.43
	Horizontal	2437(Pk)	111.67	-	-
		2437(Av)	102.18	-	-
		4874(Pk)	41.66	74	-32.34
		4874(Av)	29.88	54	-24.12
		7311(Pk)	47.82	74	-26.18
		7311(Av)	35.25	54	-18.75
2462	Vertical	2462(Pk)	99.85	-	-
		2462(Av)	89.86	-	-
		2483.5(Pk)	56.96	74*	-17.04
		2483.5(Av)	38.44	54*	-15.56
		4924(Pk)	41.46	74	-32.54
		4924(Av)	29.47	54	-24.53
		7386(Pk)	47.51	74	-26.49
		7386(Av)	35.42	54	-18.58
	Horizontal	2462(Pk)	107.50	-	-
		2462(Av)	98.12	-	-
		2483.5(Pk)	67.58	74*	-6.42
		2483.5(Av)	49.73	54*	-4.27
		4924(Pk)	42.10	74	-31.90
		4924(Av)	29.88	54	-24.12
		7386(Pk)	46.61	74	-27.39
		7386(Av)	35.06	54	-18.94

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11g

Data Rate: 54Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	99.49	-	-
		2412(Av)	85.02	-	-
		2390(Pk)	55.7	74*	-18.30
		2390(Av)	36.26	54*	-17.74
		4824(Pk)	42.49	74	-31.51
		4824(Av)	29.56	54	-24.44
		7236(Pk)	47.46	74	-26.54
		7236(Av)	35.36	54	-18.64
	Horizontal	2412(Pk)	106.38	-	-
		2412(Av)	91.79	-	-
		2390(Pk)	61.38	74*	-12.62
		2390(Av)	42.03	54*	-11.97
		4824(Pk)	43.73	74	-30.27
		4824(Av)	29.54	54	-24.46
		7236(Pk)	48.42	74	-25.58
		7236(Av)	35.15	54	-18.85
2437	Vertical	2437(Pk)	102.92	-	-
		2437(Av)	88.53	-	-
		4874(Pk)	40.62	74	-33.38
		4874(Av)	29.52	54	-24.48
		7311(Pk)	46.40	74	-27.60
		7311(Av)	35.11	54	-18.89
	Horizontal	2437(Pk)	109.58	-	-
		2437(Av)	95.06	-	-
		4874(Pk)	41.92	74	-32.08
		4874(Av)	29.69	54	-24.31
		7311(Pk)	47.16	74	-26.84
		7311(Av)	35.07	54	-18.93
2462	Vertical	2462(Pk)	101.37	-	-
		2462(Av)	87.37	-	-
		2483.5(Pk)	60.25	74*	-13.75
		2483.5(Av)	38.39	54*	-15.61
		4924(Pk)	41.83	74	-32.17
		4924(Av)	29.38	54	-24.62
		7386(Pk)	48.23	74	-25.77
		7386(Av)	35.36	54	-18.64
	Horizontal	2462(Pk)	109.99	-	-
		2462(Av)	95.70	-	-
		2483.5(Pk)	69.10	74*	-4.90
		2483.5(Av)	49.67	54*	-4.33
		4924(Pk)	42.31	74	-31.69
		4924(Av)	29.76	54	-24.24
		7386(Pk)	45.93	74	-28.07
		7386(Av)	35.03	54	-18.97

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT20

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	98.02	-	-
		2412(Av)	88.15	-	-
		2390(Pk)	60.41	74*	-13.59
		2390(Av)	39.61	54*	-14.39
		4824(Pk)	41.69	74	-32.31
		4824(Av)	29.64	54	-24.36
		7236(Pk)	47.34	74	-26.66
		7236(Av)	35.41	54	-18.59
	Horizontal	2412(Pk)	108.20	-	-
		2412(Av)	97.34	-	-
		2390(Pk)	70.36	74*	-3.64
		2390(Av)	50.49	54*	-3.51
		4824(Pk)	41.18	74	-32.82
		4824(Av)	29.63	54	-24.37
		7236(Pk)	47.28	74	-26.72
		7236(Av)	35.10	54	-18.90
2437	Vertical	2437(Pk)	105.18	-	-
		2437(Av)	95.60	-	-
		4874(Pk)	42.22	74	-31.78
		4874(Av)	29.67	54	-24.33
		7311(Pk)	48.43	74	-25.57
		7311(Av)	36.75	54	-17.25
	Horizontal	2437(Pk)	115.51	*	-
		2437(Av)	104.91	*	-
		4874(Pk)	42.12	74	-31.88
		4874(Av)	29.79	54	-24.21
		7311(Pk)	47.32	74	-26.68
		7311(Av)	35.19	54	-18.81
2462	Vertical	2462(Pk)	78.97	-	-
		2462(Av)	88.38	-	-
		2483.5(Pk)	57.74	74*	-16.26
		2483.5(Av)	38.37	54*	-15.63
		4924(Pk)	41.85	74	-32.15
		4924(Av)	29.51	54	-24.49
		7386(Pk)	46.95	74	-27.05
		7386(Av)	35.13	54	-18.87
	Horizontal	2462(Pk)	108.30	-	-
		2462(Av)	97.85	-	-
		2483.5(Pk)	72.05	74*	-1.95
		2483.5(Av)	50.47	54*	-3.53
		4924(Pk)	41.32	74	-32.68
		4924(Av)	29.68	54	-24.32
		7386(Pk)	46.15	74	-27.85
		7386(Av)	35.02	54	-18.98

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT20

Data Rate: MCS7

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	98.41	-	-
		2412(Av)	82.78	-	-
		2390(Pk)	59.45	74*	-14.55
		2390(Av)	35.81	54*	-18.19
		4824(Pk)	41.11	74	-32.89
		4824(Av)	29.41	54	-24.59
		7236(Pk)	47.64	74	-26.36
		7236(Av)	35.27	54	-18.73
	Horizontal	2412(Pk)	108.93	-	-
		2412(Av)	93.63	-	-
		2390(Pk)	70.87	74*	-3.13
		2390(Av)	46.86	54*	-7.14
		4824(Pk)	40.95	74	-33.05
		4824(Av)	29.53	54	-24.47
		7236(Pk)	46.19	74	-27.81
		7236(Av)	35.13	54	-18.87
2437	Vertical	2437(Pk)	101.15	-	-
		2437(Av)	86.19	-	-
		4874(Pk)	41.79	74	-32.21
		4874(Av)	29.58	54	-24.42
		7311(Pk)	47.29	74	-26.71
		7311(Av)	35.15	54	-18.85
	Horizontal	2437(Pk)	111.53	*	-
		2437(Av)	96.57	*	-
		4874(Pk)	41.79	74	-32.21
		4874(Av)	29.68	54	-24.32
		7311(Pk)	48.15	74	-25.85
		7311(Av)	35.21	54	-18.79
2462	Vertical	2462(Pk)	0.04	-	-
		2462(Av)	84.38	-	-
		2483.5(Pk)	58.05	74*	-15.95
		2483.5(Av)	36.38	54*	-17.62
		4924(Pk)	41.46	74	-32.54
		4924(Av)	29.49	54	-24.51
		7386(Pk)	47.54	74	-26.46
		7386(Av)	34.97	54	-19.03
	Horizontal	2462(Pk)	110.79	-	-
		2462(Av)	94.97	-	-
		2483.5(Pk)	72.47	74*	-1.53
		2483.5(Av)	48.28	54*	-5.72
		4924(Pk)	41.01	74	-32.99
		4924(Av)	29.70	54	-24.30
		7386(Pk)	47.18	74	-26.82
		7386(Av)	35.05	54	-18.95

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT20

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	99.59	-	-
		2412(Av)	88.93	-	-
		2390(Pk)	61.34	74*	-12.66
		2390(Av)	42.47	54*	-11.53
		4824(Pk)	41.71	74	-32.29
		4824(Av)	29.64	54	-24.36
		7236(Pk)	48.30	74	-25.70
		7236(Av)	35.47	54	-18.53
	Horizontal	2412(Pk)	109.46	-	-
		2412(Av)	98.84	-	-
		2390(Pk)	70.55	74*	-3.45
		2390(Av)	50.78	54*	-3.22
		4824(Pk)	42.13	74	-31.87
		4824(Av)	30.27	54	-23.73
		7236(Pk)	47.47	74	-26.53
		7236(Av)	35.69	54	-18.31
2437	Vertical	2437(Pk)	105.94	-	-
		2437(Av)	95.79	-	-
		4874(Pk)	42.24	74	-31.76
		4874(Av)	29.85	54	-24.15
		7311(Pk)	48.93	74	-25.07
		7311(Av)	36.39	54	-17.61
	Horizontal	2437(Pk)	115.38	-	-
		2437(Av)	104.87	-	-
		4874(Pk)	43.11	74	-30.89
		4874(Av)	31.00	54	-23.00
		7311(Pk)	50.26	74	-23.74
		7311(Av)	36.40	54	-17.60
2462	Vertical	2462(Pk)	99.41	-	-
		2462(Av)	88.75	-	-
		2483.5(Pk)	57.52	74*	-16.48
		2483.5(Av)	36.08	54*	-17.92
		4924(Pk)	42.33	74	-31.67
		4924(Av)	29.40	54	-24.60
		7386(Pk)	47.04	74	-26.96
		7386(Av)	35.08	54	-18.92
	Horizontal	2462(Pk)	108.67	-	-
		2462(Av)	98.34	-	-
		2483.5(Pk)	67.68	74*	-6.32
		2483.5(Av)	46.75	54*	-7.25
		4924(Pk)	42.01	74	-31.99
		4924(Av)	30.28	54	-23.72
		7386(Pk)	46.91	74	-27.09
		7386(Av)	35.11	54	-18.89

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT20

Data Rate: MCS8

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	97.54	-	-
		2412(Av)	81.11	-	-
		2390(Pk)	57.95	74*	-16.05
		2390(Av)	33.83	54*	-20.17
		4824(Pk)	41.81	74	-32.19
		4824(Av)	29.79	54	-24.21
		7236(Pk)	47.26	74	-26.74
		7236(Av)	35.19	54	-18.81
	Horizontal	2412(Pk)	108.04	-	-
		2412(Av)	92.35	-	-
		2390(Pk)	69.10	74*	-4.90
		2390(Av)	43.97	54*	-10.03
		4824(Pk)	42.00	74	-32.00
		4824(Av)	29.96	54	-24.04
		7236(Pk)	47.85	74	-26.15
		7236(Av)	35.23	54	-18.77
2437	Vertical	2437(Pk)	100.58	-	-
		2437(Av)	84.77	-	-
		4874(Pk)	42.44	74	-31.56
		4874(Av)	29.77	54	-24.23
		7311(Pk)	47.48	74	-26.52
		7311(Av)	35.30	54	-18.70
	Horizontal	2437(Pk)	110.85	*	-
		2437(Av)	95.44	*	-
		4874(Pk)	42.99	74	-31.01
		4874(Av)	30.06	54	-23.94
		7311(Pk)	47.42	74	-26.58
		7311(Av)	35.25	54	-18.75
2462	Vertical	2462(Pk)	101.15	-	-
		2462(Av)	84.60	-	-
		2483.5(Pk)	57.34	74*	-16.66
		2483.5(Av)	34.36	54*	-19.64
		4924(Pk)	41.55	74	-32.45
		4924(Av)	29.47	54	-24.53
		7386(Pk)	47.22	74	-26.78
		7386(Av)	35.24	54	-18.76
	Horizontal	2462(Pk)	108.45	-	-
		2462(Av)	91.42	-	-
		2483.5(Pk)	64.68	74*	-9.32
		2483.5(Av)	42.08	54*	-11.92
		4924(Pk)	43.02	74	-30.98
		4924(Av)	30.14	54	-23.86
		7386(Pk)	47.25	74	-26.75
		7386(Av)	35.31	54	-18.69

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE20

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	100.65	-	-
		2412(Av)	87.32	-	-
		2390(Pk)	59.12	74*	-14.88
		2390(Av)	38.28	54*	-15.72
		4824(Pk)	42.41	74	-31.59
		4824(Av)	30.05	54	-23.95
		7236(Pk)	47.77	74	-26.23
		7236(Av)	35.51	54	-18.49
	Horizontal	2412(Pk)	111.06	-	-
		2412(Av)	97.42	-	-
		2390(Pk)	69.44	74*	-4.56
		2390(Av)	47.50	54*	-6.50
		4824(Pk)	42.32	74	-31.68
		4824(Av)	30.40	54	-23.60
		7236(Pk)	47.13	74	-26.87
		7236(Av)	35.38	54	-18.62
2437	Vertical	2437(Pk)	108.59	-	-
		2437(Av)	95.85	-	-
		4874(Pk)	42.30	74	-31.70
		4874(Av)	29.90	54	-24.10
		7311(Pk)	47.85	74	-26.15
		7311(Av)	36.23	54	-17.77
	Horizontal	2437(Pk)	114.92	-	-
		2437(Av)	101.91	-	-
		4874(Pk)	42.83	74	-31.17
		4874(Av)	31.16	54	-22.84
2462	Vertical	2462(Pk)	101.21	-	-
		2462(Av)	87.84	-	-
		2483.5(Pk)	58.09	74*	-15.91
		2483.5(Av)	37.21	54*	-16.79
		4924(Pk)	41.79	74	-32.21
		4924(Av)	29.88	54	-24.12
		7386(Pk)	48.03	74	-25.97
		7386(Av)	35.37	54	-18.63
	Horizontal	2462(Pk)	111.58	-	-
		2462(Av)	98.03	-	-
		2483.5(Pk)	68.34	74*	-5.66
		2483.5(Av)	47.92	54*	-6.08
		4924(Pk)	42.66	74	-31.34
		4924(Av)	30.50	54	-23.50
		7386(Pk)	47.13	74	-26.87
		7386(Av)	35.31	54	-18.69

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE20

Data Rate: MCS11

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	98.74	-	-
		2412(Av)	79.72	-	-
		2390(Pk)	58.51	74*	-15.49
		2390(Av)	33.44	54*	-20.56
		4824(Pk)	42.48	74	-31.52
		4824(Av)	29.88	54	-24.12
		7236(Pk)	47.28	74	-26.72
		7236(Av)	35.40	54	-18.60
	Horizontal	2412(Pk)	108.49	-	-
		2412(Av)	90.16	-	-
		2390(Pk)	70.03	74*	-3.97
		2390(Av)	42.71	54*	-11.29
		4824(Pk)	42.74	74	-31.26
		4824(Av)	30.10	54	-23.90
		7236(Pk)	47.66	74	-26.34
		7236(Av)	35.44	54	-18.56
2437	Vertical	2437(Pk)	100.98	-	-
		2437(Av)	82.98	-	-
		4874(Pk)	42.33	74	-31.67
		4874(Av)	29.91	54	-24.09
		7311(Pk)	47.36	74	-26.64
		7311(Av)	35.46	54	-18.54
	Horizontal	2437(Pk)	111.18	-	-
		2437(Av)	93.61	-	-
		4874(Pk)	41.98	74	-32.02
		4874(Av)	30.21	54	-23.79
		7311(Pk)	47.76	74	-26.24
		7311(Av)	35.68	54	-18.32
2462	Vertical	2462(Pk)	101.56	-	-
		2462(Av)	82.23	-	-
		2483.5(Pk)	58.07	74*	-15.93
		2483.5(Av)	33.06	54*	-20.94
		4924(Pk)	42.20	74	-31.80
		4924(Av)	29.58	54	-24.42
		7386(Pk)	47.31	74	-26.69
		7386(Av)	35.34	54	-18.66
	Horizontal	2462(Pk)	110.82	-	-
		2462(Av)	92.39	-	-
		2483.5(Pk)	68.12	74*	-5.88
		2483.5(Av)	43.42	54*	-10.58
		4924(Pk)	42.43	74	-31.57
		4924(Av)	30.22	54	-23.78
		7386(Pk)	48.24	74	-25.76
		7386(Av)	35.33	54	-18.67

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT40

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	98.29	-	-
		2422(Av)	87.44	-	-
		2390(Pk)	55.38	74*	-18.62
		2390(Av)	39.97	54*	-14.03
		4844(Pk)	40.71	74	-33.29
		4844(Av)	29.39	54	-24.61
		7266(Pk)	47.66	74	-26.34
		7266(Av)	35.22	54	-18.78
	Horizontal	2422(Pk)	104.94	-	-
		2422(Av)	94.38	-	-
		2390(Pk)	64.44	74*	-9.56
		2390(Av)	48.29	54*	-5.71
		4844(Pk)	41.60	74	-32.40
		4844(Av)	29.54	54	-24.46
		7266(Pk)	47.15	74	-26.85
		7266(Av)	35.12	54	-18.88
2437	Vertical	2437(Pk)	108.12	-	-
		2437(Av)	69.34	-	-
		4874(Pk)	41.92	74	-32.08
		4874(Av)	29.34	54	-24.66
		7311(Pk)	47.37	74	-26.63
		7311(Av)	35.76	54	-18.24
	Horizontal	2437(Pk)	110.05	-	-
		2437(Av)	97.38	-	-
		4874(Pk)	48.28	74	-25.72
		4874(Av)	33.70	54	-20.30
		7311(Pk)	47.24	74	-26.76
		7311(Av)	35.33	54	-18.67
2452	Vertical	2452(Pk)	97.51	-	-
		2452(Av)	86.71	-	-
		2483.5(Pk)	60.87	74*	-13.13
		2483.5(Av)	38.85	54*	-15.15
		4904(Pk)	40.82	74	-33.18
		4904(Av)	29.24	54	-24.76
		7356(Pk)	46.18	74	-27.82
		7356(Av)	34.93	54	-19.07
	Horizontal	2452(Pk)	103.88	-	-
		2452(Av)	93.45	-	-
		2483.5(Pk)	67.81	74*	-6.19
		2483.5(Av)	47.03	54*	-6.97
		4904(Pk)	41.73	74	-32.27
		4904(Av)	29.48	54	-24.52
		7356(Pk)	47.52	74	-26.48
		7356(Av)	34.85	54	-19.15

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT40

Data Rate: MCS7

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	106.14	-	-
		2422(Av)	90.31	-	-
		2390(Pk)	62.24	74*	-11.76
		2390(Av)	44.05	54*	-9.95
		4844(Pk)	41.30	74	-32.70
		4844(Av)	29.25	54	-24.75
		7266(Pk)	47.26	74	-26.74
		7266(Av)	35.10	54	-18.90
	Horizontal	2422(Pk)	107.65	-	-
		2422(Av)	92.19	-	-
		2390(Pk)	69.23	74*	-4.77
		2390(Av)	49.76	54*	-4.24
		4844(Pk)	41.37	74	-32.63
		4844(Av)	29.33	54	-24.67
		7266(Pk)	47.13	74	-26.87
		7266(Av)	35.04	54	-18.96
2437	Vertical	2437(Pk)	101.39	-	-
		2437(Av)	58.41	-	-
		4874(Pk)	41.19	74	-32.81
		4874(Av)	29.23	54	-24.77
		7311(Pk)	47.26	74	-26.74
		7311(Av)	35.14	54	-18.86
	Horizontal	2437(Pk)	107.91	-	-
		2437(Av)	92.74	-	-
		4874(Pk)	42.24	74	-31.76
		4874(Av)	29.71	54	-24.29
2452	Vertical	2452(Pk)	101.95	-	-
		2452(Av)	86.46	-	-
		2483.5(Pk)	61.37	74*	-12.63
		2483.5(Av)	41.76	54*	-12.24
		4904(Pk)	41.02	74	-32.98
		4904(Av)	29.16	54	-24.84
		7356(Pk)	46.77	74	-27.23
		7356(Av)	34.77	54	-19.23
	Horizontal	2452(Pk)	103.83	-	-
		2452(Av)	88.79	-	-
		2483.5(Pk)	65.07	74*	-8.93
		2483.5(Av)	42.64	54*	-11.36
		4904(Pk)	40.84	74	-33.16
		4904(Av)	29.37	54	-24.63
		7356(Pk)	46.97	74	-27.03
		7356(Av)	34.82	54	-19.18

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT40

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2422	Vertical	2422(Pk)	104.84	-	-
		2422(Av)	94.25	-	-
		2390(Pk)	61.73	74*	-12.27
		2390(Av)	46.07	54*	-7.93
		4844(Pk)	41.77	74	-32.23
		4844(Av)	29.31	54	-24.69
		7266(Pk)	47.37	74	-26.63
		7266(Av)	35.03	54	-18.97
	Horizontal	2422(Pk)	106.63	-	-
		2422(Av)	96.06	-	-
		2390(Pk)	68.09	74*	-5.91
		2390(Av)	52.65	54*	-1.35
		4844(Pk)	41.50	74	-32.50
		4844(Av)	29.29	54	-24.71
		7266(Pk)	46.95	74	-27.05
		7266(Av)	35.07	54	-18.93
2437	Vertical	2437(Pk)	108.71	-	-
		2437(Av)	98.20	-	-
		4874(Pk)	41.52	74	-32.48
		4874(Av)	29.36	54	-24.64
		7311(Pk)	46.97	74	-27.03
		7311(Av)	35.29	54	-18.71
	Horizontal	2437(Pk)	111.03	-	-
		2437(Av)	98.94	-	-
		4874(Pk)	46.18	74	-27.82
		4874(Av)	32.09	54	-21.91
		7311(Pk)	47.02	74	-26.98
		7311(Av)	35.27	54	-18.73
2452	Vertical	2452(Pk)	101.98	-	-
		2452(Av)	90.64	-	-
		2483.5(Pk)	64.46	74*	-9.54
		2483.5(Av)	44.71	54*	-9.29
		4904(Pk)	41.23	74	-32.77
		4904(Av)	29.15	54	-24.85
		7356(Pk)	47.07	74	-26.93
		7356(Av)	34.78	54	-19.22
	Horizontal	2452(Pk)	103.84	-	-
		2452(Av)	93.43	-	-
		2483.5(Pk)	66.82	74*	-7.18
		2483.5(Av)	47.24	54*	-6.76
		4904(Pk)	42.06	74	-31.94
		4904(Av)	29.34	54	-24.66
		7356(Pk)	46.21	74	-27.79
		7356(Av)	34.80	54	-19.20

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT40

Data Rate: MCS8

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	104.84	-	-
		2422(Av)	89.9	-	-
		2390(Pk)	58.57	74*	-15.43
		2390(Av)	39.27	54*	-14.73
		4844(Pk)	41.59	74	-32.41
		4844(Av)	29.21	54	-24.79
		7266(Pk)	47.74	74	-26.26
		7266(Av)	35.01	54	-18.99
	Horizontal	2422(Pk)	106.97	-	-
		2422(Av)	91.48	-	-
		2390(Pk)	64.79	74*	-9.21
		2390(Av)	46.11	54*	-7.89
		4844(Pk)	40.74	74	-33.26
		4844(Av)	29.31	54	-24.69
		7266(Pk)	46.59	74	-27.41
		7266(Av)	35.02	54	-18.98
2437	Vertical	2437(Pk)	105.39	-	-
		2437(Av)	89.18	-	-
		4874(Pk)	41.06	74	-32.94
		4874(Av)	29.21	54	-24.79
		7311(Pk)	47.18	74	-26.82
		7311(Av)	34.89	54	-19.11
	Horizontal	2437(Pk)	107.42	-	-
		2437(Av)	90.83	-	-
		4874(Pk)	41.38	74	-32.62
		4874(Av)	29.64	54	-24.36
2452	Vertical	2452(Pk)	104.52	-	-
		2452(Av)	87.95	-	-
		2483.5(Pk)	68.53	74*	-5.47
		2483.5(Av)	47.46	54*	-6.54
		4904(Pk)	40.84	74	-33.16
		4904(Av)	29.12	54	-24.88
		7356(Pk)	45.87	74	-28.13
		7356(Av)	34.81	54	-19.19
	Horizontal	2452(Pk)	106.42	-	-
		2452(Av)	90.03	-	-
		2483.5(Pk)	70.62	74*	-3.38
		2483.5(Av)	48.10	54*	-5.90
		4904(Pk)	41.69	74	-32.31
		4904(Av)	29.48	54	-24.52
		7356(Pk)	46.70	74	-27.30
		7356(Av)	34.76	54	-19.24

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE40

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	106.17	-	-
		2422(Av)	93.23	-	-
		2390(Pk)	59.43	74*	-14.57
		2390(Av)	43.52	54*	-10.48
		4844(Pk)	41.14	74	-32.86
		4844(Av)	29.30	54	-24.70
		7266(Pk)	46.83	74	-27.17
		7266(Av)	35.02	54	-18.98
	Horizontal	2422(Pk)	108.68	-	-
		2422(Av)	95.63	-	-
		2390(Pk)	67.15	74*	-6.85
		2390(Av)	50.95	54*	-3.05
		4844(Pk)	41.41	74	-32.59
		4844(Av)	29.30	54	-24.70
		7266(Pk)	46.61	74	-27.39
		7266(Av)	35.09	54	-18.91
2437	Vertical	2437(Pk)	111.27	-	-
		2437(Av)	98.19	-	-
		4874(Pk)	41.02	74	-32.98
		4874(Av)	29.21	54	-24.79
		7311(Pk)	47.90	74	-26.10
		7311(Av)	35.84	54	-18.16
	Horizontal	2437(Pk)	113.89	-	-
		2437(Av)	98.48	-	-
		4874(Pk)	44.81	74	-29.19
		4874(Av)	31.95	54	-22.05
		7311(Pk)	47.15	74	-26.85
		7311(Av)	35.31	54	-18.69
2452	Vertical	2452(Pk)	104.34	-	-
		2452(Av)	90.47	-	-
		2483.5(Pk)	60.73	74*	-13.27
		2483.5(Av)	42.09	54*	-11.91
		4904(Pk)	42.56	74	-31.44
		4904(Av)	29.14	54	-24.86
		7356(Pk)	46.08	74	-27.92
		7356(Av)	34.73	54	-19.27
	Horizontal	2452(Pk)	105.81	-	-
		2452(Av)	91.76	-	-
		2483.5(Pk)	67.63	74*	-6.37
		2483.5(Av)	47.65	54*	-6.35
		4904(Pk)	41.84	74	-32.16
		4904(Av)	29.30	54	-24.70
		7356(Pk)	47.82	74	-26.18
		7356(Av)	34.79	54	-19.21

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE40

Data Rate: MCS7

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	104.92	-	-
		2422(Av)	88.09	-	-
		2390(Pk)	56.09	74*	-17.91
		2390(Av)	35.05	54*	-18.95
		4844(Pk)	40.89	74	-33.11
		4844(Av)	29.24	54	-24.76
		7266(Pk)	47.24	74	-26.76
		7266(Av)	35.01	54	-18.99
	Horizontal	2422(Pk)	107.05	-	-
		2422(Av)	89.35	-	-
		2390(Pk)	59.74	74*	-14.26
		2390(Av)	41.51	54*	-12.49
		4844(Pk)	41.02	74	-32.98
		4844(Av)	29.23	54	-24.77
		7266(Pk)	46.41	74	-27.59
		7266(Av)	35.00	54	-19.00
2437	Vertical	2437(Pk)	102.49	-	-
		2437(Av)	85.52	-	-
		4874(Pk)	40.81	74	-33.19
		4874(Av)	29.21	54	-24.79
		7311(Pk)	46.90	74	-27.10
		7311(Av)	34.88	54	-19.12
	Horizontal	2437(Pk)	107.70	-	-
		2437(Av)	89.86	-	-
		4874(Pk)	41.70	74	-32.30
		4874(Av)	29.64	54	-24.36
		7311(Pk)	46.30	74	-27.70
		7311(Av)	34.94	54	-19.06
2452	Vertical	2452(Pk)	103.99	-	-
		2452(Av)	86.84	-	-
		2483.5(Pk)	66.42	74*	-7.58
		2483.5(Av)	44.17	54*	-9.83
		4904(Pk)	41.25	74	-32.75
		4904(Av)	29.17	54	-24.83
		7356(Pk)	46.53	74	-27.47
		7356(Av)	34.75	54	-19.25
	Horizontal	2452(Pk)	106.35	-	-
		2452(Av)	89.23	-	-
		2483.5(Pk)	67.03	74*	-6.97
		2483.5(Av)	45.94	54*	-8.06
		4904(Pk)	41.18	74	-32.82
		4904(Av)	29.38	54	-24.62
		7356(Pk)	46.55	74	-27.45
		7356(Av)	34.73	54	-19.27

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Antenna Type: FPA3020-10A Flex/PCB MIMO Antenna Results

Modulation: 802.11b

Data Rate: 1Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	98.34	-	-
		2412(Av)	95.82	-	-
		2390(Pk)	47.64	74*	-26.36
		2390(Av)	37.31	54*	-16.69
		4824(Pk)	41.68	74	-32.32
		4824(Av)	30.02	54	-23.98
		7236(Pk)	47.50	74	-26.50
		7236(Av)	35.55	54	-18.45
	Horizontal	2412(Pk)	101.40	-	-
		2412(Av)	98.73	-	-
		2390(Pk)	46.96	74*	-27.04
		2390(Av)	36.80	54*	-17.20
		4824(Pk)	42.70	74	-31.30
		4824(Av)	30.08	54	-23.92
		7236(Pk)	48.03	74	-25.97
		7236(Av)	37.20	54	-16.80
2437	Vertical	2437(Pk)	102.67	-	-
		2437(Av)	100.00	-	-
		4874(Pk)	42.18	74	-31.82
		4874(Av)	30.43	54	-23.57
		7311(Pk)	50.70	74	-23.30
		7311(Av)	41.27	54	-12.73
	Horizontal	2437(Pk)	107.08	-	-
		2437(Av)	104.45	-	-
		4874(Pk)	43.25	74	-30.75
		4874(Av)	32.00	54	-22.00
		7311(Pk)	47.61	74	-26.39
		7311(Av)	36.98	54	-17.02
2462	Vertical	2462(Pk)	98.71	-	-
		2462(Av)	95.96	-	-
		2483.5(Pk)	45.74	74*	-28.26
		2483.5(Av)	37.92	54*	-16.08
		4924(Pk)	42.59	74	-31.41
		4924(Av)	31.53	54	-22.47
		7386(Pk)	48.20	74	-25.80
		7386(Av)	37.55	54	-16.45
	Horizontal	2462(Pk)	103.22	-	-
		2462(Av)	100.62	-	-
		2483.5(Pk)	48.63	74*	-25.37
		2483.5(Av)	39.01	54*	-14.99
		4924(Pk)	43.26	74	-30.74
		4924(Av)	31.17	54	-22.83
		7386(Pk)	47.33	74	-26.67
		7386(Av)	35.89	54	-18.11

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11b

Data Rate: 11Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	104.79	-	-
		2412(Av)	95.72	-	-
		2390(Pk)	49.36	74*	-24.64
		2390(Av)	36.59	54*	-17.41
		4824(Pk)	41.02	74	-32.98
		4824(Av)	29.86	54	-24.14
		7236(Pk)	50.91	74	-23.09
		7236(Av)	37.31	54	-16.69
	Horizontal	2412(Pk)	107.12	-	-
		2412(Av)	97.84	-	-
		2390(Pk)	47.27	74*	-26.73
		2390(Av)	34.68	54*	-19.32
		4824(Pk)	42.84	74	-31.16
		4824(Av)	30.06	54	-23.94
		7236(Pk)	49.34	74	-24.66
		7236(Av)	36.94	54	-17.06
2437	Vertical	2437(Pk)	107.07	-	-
		2437(Av)	97.76	-	-
		4874(Pk)	41.75	74	-32.25
		4874(Av)	30.04	54	-23.96
		7311(Pk)	52.95	74	-21.05
		7311(Av)	39.76	54	-14.24
	Horizontal	2437(Pk)	111.39	-	-
		2437(Av)	102.29	-	-
		4874(Pk)	41.69	74	-32.31
		4874(Av)	30.34	54	-23.66
		7311(Pk)	48.44	74	-25.56
2462	Vertical	2462(Pk)	103.02	-	-
		2462(Av)	93.75	-	-
		2483.5(Pk)	46.19	74*	-27.81
		2483.5(Av)	32.95	54*	-21.05
		4924(Pk)	42.48	74	-31.52
		4924(Av)	30.34	54	-23.66
		7386(Pk)	52.25	74	-21.75
		7386(Av)	38.79	54	-15.21
	Horizontal	2462(Pk)	106.33	-	-
		2462(Av)	97.00	-	-
		2483.5(Pk)	49.18	74*	-24.82
		2483.5(Av)	36.35	54*	-17.65
		4924(Pk)	29.99	74	-44.01
		4924(Av)	42.60	54	-11.40
		7386(Pk)	47.23	74	-26.77
		7386(Av)	35.59	54	-18.41

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11g

Data Rate: 6Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	102.19	-	-
		2412(Av)	92.83	-	-
		2390(Pk)	68.83	74*	-5.17
		2390(Av)	48.36	54*	-5.64
		4824(Pk)	42.43	74	-31.57
		4824(Av)	30.01	54	-23.99
		7236(Pk)	47.50	74	-26.50
		7236(Av)	35.99	54	-18.01
	Horizontal	2412(Pk)	104.71	-	-
		2412(Av)	95.39	-	-
		2390(Pk)	68.14	74*	-5.86
		2390(Av)	47.11	54*	-6.89
		4824(Pk)	41.91	74	-32.09
		4824(Av)	29.67	54	-24.33
		7236(Pk)	48.19	74	-25.81
		7236(Av)	36.41	54	-17.59
2437	Vertical	2437(Pk)	108.63	-	-
		2437(Av)	98.01	-	-
		4874(Pk)	41.54	74	-32.46
		4874(Av)	30.10	54	-23.90
		7311(Pk)	50.38	74	-23.62
		7311(Av)	37.45	54	-16.55
	Horizontal	2437(Pk)	110.27	-	-
		2437(Av)	100.86	-	-
		4874(Pk)	42.56	74	-31.44
		4874(Av)	30.00	54	-24.00
		7311(Pk)	48.26	74	-25.74
		7311(Av)	36.28	54	-17.72
2462	Vertical	2462(Pk)	101.12	-	-
		2462(Av)	91.09	-	-
		2483.5(Pk)	59.75	74*	-14.25
		2483.5(Av)	41.55	54*	-12.45
		4924(Pk)	41.36	74	-32.64
		4924(Av)	29.73	54	-24.27
		7386(Pk)	50.05	74	-23.95
		7386(Av)	37.31	54	-16.69
	Horizontal	2462(Pk)	105.05	-	-
		2462(Av)	95.61	-	-
		2483.5(Pk)	64.98	74*	-9.02
		2483.5(Av)	46.67	54*	-7.33
		4924(Pk)	41.76	74	-32.24
		4924(Av)	29.70	54	-24.30
		7386(Pk)	47.32	74	-26.68
		7386(Av)	35.64	54	-18.36

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11g

Data Rate: 54Mbps

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2412	Vertical	2412(Pk)	101.32	-	-
		2412(Av)	87.18	-	-
		2390(Pk)	58.37	74*	-15.63
		2390(Av)	40.85	54*	-13.15
		4824(Pk)	41.58	74	-32.42
		4824(Av)	29.96	54	-24.04
		7236(Pk)	47.19	74	-26.81
		7236(Av)	35.66	54	-18.34
	Horizontal	2412(Pk)	103.88	-	-
		2412(Av)	89.65	-	-
		2390(Pk)	58.05	74*	-15.95
		2390(Av)	40.16	54*	-13.84
		4824(Pk)	41.63	74	-32.37
		4824(Av)	29.87	54	-24.13
		7236(Pk)	46.97	74	-27.03
		7236(Av)	35.54	54	-18.46
2437	Vertical	2437(Pk)	104.84	-	-
		2437(Av)	90.67	-	-
		4874(Pk)	41.46	74	-32.54
		4874(Av)	29.96	54	-24.04
		7311(Pk)	49.83	74	-24.17
		7311(Av)	36.42	54	-17.58
	Horizontal	2437(Pk)	107.97	-	-
		2437(Av)	93.98	-	-
		4874(Pk)	41.29	74	-32.71
		4874(Av)	29.90	54	-24.10
		7311(Pk)	47.29	74	-26.71
		7311(Av)	35.66	54	-18.34
2462	Vertical	2462(Pk)	102.18	-	-
		2462(Av)	88.15	-	-
		2483.5(Pk)	60.46	74*	-13.54
		2483.5(Av)	40.95	54*	-13.05
		4924(Pk)	42.32	74	-31.68
		4924(Av)	29.82	54	-24.18
		7386(Pk)	46.80	74	-27.20
		7386(Av)	35.42	54	-18.58
	Horizontal	2462(Pk)	104.89	-	-
		2462(Av)	91.37	-	-
		2483.5(Pk)	61.96	74*	-12.04
		2483.5(Av)	43.13	54*	-10.87
		4924(Pk)	42.33	74	-31.67
		4924(Av)	29.72	54	-24.28
		7386(Pk)	46.93	74	-27.07
		7386(Av)	35.39	54	-18.61

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT20

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	100.53	-	-
		2412(Av)	89.72	-	-
		2390(Pk)	63.80	74*	-10.20
		2390(Av)	44.66	54*	-9.34
		4824(Pk)	42.36	74	-31.64
		4824(Av)	29.89	54	-24.11
		7236(Pk)	47.69	74	-26.31
		7236(Av)	35.94	54	-18.06
	Horizontal	2412(Pk)	102.68	-	-
		2412(Av)	92.84	-	-
		2390(Pk)	64.35	74*	-9.65
		2390(Av)	44.27	54*	-9.73
		4824(Pk)	42.80	74	-31.20
		4824(Av)	29.85	54	-24.15
		7236(Pk)	47.93	74	-26.07
		7236(Av)	36.58	54	-17.42
2437	Vertical	2437(Pk)	108.76	-	-
		2437(Av)	97.20	-	-
		4874(Pk)	42.05	74	-31.95
		4874(Av)	30.03	54	-23.97
		7311(Pk)	50.44	74	-23.56
		7311(Av)	38.07	54	-15.93
	Horizontal	2437(Pk)	109.98	-	-
		2437(Av)	100.12	-	-
		4874(Pk)	41.39	74	-32.61
		4874(Av)	29.98	54	-24.02
2462	Vertical	2462(Pk)	102.95	-	-
		2462(Av)	91.51	-	-
		2483.5(Pk)	68.24	74*	-5.76
		2483.5(Av)	40.68	54*	-13.32
		4924(Pk)	43.96	74	-30.04
		4924(Av)	29.72	54	-24.28
		7386(Pk)	47.90	74	-26.10
		7386(Av)	35.57	54	-18.43
	Horizontal	2462(Pk)	105.25	-	-
		2462(Av)	95.38	-	-
		2483.5(Pk)	70.40	74*	-3.60
		2483.5(Av)	50.11	54*	-3.89
		4924(Pk)	41.43	74	-32.57
		4924(Av)	29.75	54	-24.25
		7386(Pk)	47.61	74	-26.39
		7386(Av)	35.40	54	-18.60

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT20

Data Rate: MCS7

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	102.00	-	-
		2412(Av)	86.10	-	-
		2390(Pk)	64.77	74*	-9.23
		2390(Av)	40.30	54*	-13.70
		4824(Pk)	41.49	74	-32.51
		4824(Av)	29.95	54	-24.05
		7236(Pk)	47.15	74	-26.85
		7236(Av)	35.86	54	-18.14
	Horizontal	2412(Pk)	103.04	-	-
		2412(Av)	87.23	-	-
		2390(Pk)	61.27	74*	-12.73
		2390(Av)	38.24	54*	-15.76
		4824(Pk)	41.22	74	-32.78
		4824(Av)	29.73	54	-24.27
		7236(Pk)	47.79	74	-26.21
		7236(Av)	35.55	54	-18.45
2437	Vertical	2437(Pk)	104.11	-	-
		2437(Av)	88.98	-	-
		4874(Pk)	42.16	74	-31.84
		4874(Av)	29.99	54	-24.01
		7311(Pk)	47.43	74	-26.57
		7311(Av)	35.50	54	-18.50
	Horizontal	2437(Pk)	106.43	-	-
		2437(Av)	91.30	-	-
		4874(Pk)	42.34	74	-31.66
		4874(Av)	29.93	54	-24.07
		7311(Pk)	47.44	74	-26.56
		7311(Av)	35.44	54	-18.56
2462	Vertical	2462(Pk)	103.49	-	-
		2462(Av)	86.80	-	-
		2483.5(Pk)	61.24	74*	-12.76
		2483.5(Av)	38.63	54*	-15.37
		4924(Pk)	41.78	74	-32.22
		4924(Av)	29.71	54	-24.29
		7386(Pk)	47.48	74	-26.52
		7386(Av)	35.62	54	-18.38
	Horizontal	2462(Pk)	105.28	-	-
		2462(Av)	90.03	-	-
		2483.5(Pk)	63.60	74*	-10.40
		2483.5(Av)	41.50	54*	-12.50
		4924(Pk)	44.69	74	-29.31
		4924(Av)	29.69	54	-24.31
		7386(Pk)	47.81	74	-26.19
		7386(Av)	35.37	54	-18.63

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT20

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	104.89	-	-
		2412(Av)	92.91	-	-
		2390(Pk)	72.41	74*	-1.59
		2390(Av)	52.75	54*	-1.25
		4824(Pk)	42.27	74	-31.73
		4824(Av)	30.10	54	-23.90
		7236(Pk)	47.74	74	-26.26
		7236(Av)	36.11	54	-17.89
	Horizontal	2412(Pk)	104.58	-	-
		2412(Av)	95.52	-	-
		2390(Pk)	72.00	74*	-2.00
		2390(Av)	51.73	54*	-2.27
		4824(Pk)	42.39	74	-31.61
		4824(Av)	29.85	54	-24.15
		7236(Pk)	47.70	74	-26.30
		7236(Av)	35.98	54	-18.02
2437	Vertical	2437(Pk)	108.83	-	-
		2437(Av)	97.51	-	-
		4874(Pk)	41.68	74	-32.32
		4874(Av)	29.94	54	-24.06
		7311(Pk)	50.25	74	-23.75
		7311(Av)	38.01	54	-15.99
	Horizontal	2437(Pk)	109.05	-	-
		2437(Av)	99.50	-	-
		4874(Pk)	41.85	74	-32.15
		4874(Av)	29.92	54	-24.08
2462	Vertical	2462(Pk)	102.76	-	-
		2462(Av)	92.07	-	-
		2483.5(Pk)	66.45	74*	-7.55
		2483.5(Av)	46.04	54*	-7.96
		4924(Pk)	41.62	74	-32.38
		4924(Av)	29.71	54	-24.29
		7386(Pk)	47.84	74	-26.16
		7386(Av)	35.78	54	-18.22
	Horizontal	2462(Pk)	105.86	-	-
		2462(Av)	95.72	-	-
		2483.5(Pk)	70.93	74*	-3.07
		2483.5(Av)	49.41	54*	-4.59
		4924(Pk)	42.36	74	-31.64
		4924(Av)	29.63	54	-24.37
		7386(Pk)	47.06	74	-26.94
		7386(Av)	35.48	54	-18.52

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT20

Data Rate: MCS8

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	100.2	-	-
		2412(Av)	84.63	-	-
		2390(Pk)	64.07	74*	-9.93
		2390(Av)	39.15	54*	-14.85
		4824(Pk)	41.23	74	-32.77
		4824(Av)	29.71	54	-24.29
		7236(Pk)	47.20	74	-26.80
		7236(Av)	35.48	54	-18.52
	Horizontal	2412(Pk)	102.18	-	-
		2412(Av)	85.66	-	-
		2390(Pk)	61.49	74*	-12.51
		2390(Av)	37.51	54*	-16.49
		4824(Pk)	42.53	74	-31.47
		4824(Av)	29.75	54	-24.25
		7236(Pk)	47.73	74	-26.27
		7236(Av)	35.32	54	-18.68
2437	Vertical	2437(Pk)	102.94	-	-
		2437(Av)	87.50	-	-
		4874(Pk)	41.66	74	-32.34
		4874(Av)	29.79	54	-24.21
		7311(Pk)	47.07	74	-26.93
		7311(Av)	35.39	54	-18.61
	Horizontal	2437(Pk)	106.12	-	-
		2437(Av)	89.91	-	-
		4874(Pk)	41.48	74	-32.52
		4874(Av)	29.70	54	-24.30
		7311(Pk)	48.13	74	-25.87
		7311(Av)	35.35	54	-18.65
2462	Vertical	2462(Pk)	101.24	-	-
		2462(Av)	85.11	-	-
		2483.5(Pk)	58.62	74*	-15.38
		2483.5(Av)	35.98	54*	-18.02
		4924(Pk)	40.93	74	-33.07
		4924(Av)	29.51	54	-24.49
		7386(Pk)	46.75	74	-27.25
		7386(Av)	35.20	54	-18.80
	Horizontal	2462(Pk)	104.48	-	-
		2462(Av)	88.57	-	-
		2483.5(Pk)	61.85	74*	-12.15
		2483.5(Av)	39.32	54*	-14.68
		4924(Pk)	41.38	74	-32.62
		4924(Av)	29.53	54	-24.47
		7386(Pk)	47.78	74	-26.22
		7386(Av)	35.17	54	-18.83

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE20

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	104.03	-	-
		2412(Av)	90.94	-	-
		2390(Pk)	69.09	74*	-4.91
		2390(Av)	49.25	54*	-4.75
		4824(Pk)	41.72	74	-32.28
		4824(Av)	29.65	54	-24.35
		7236(Pk)	50.53	74	-23.47
		7236(Av)	31.12	54	-22.88
	Horizontal	2412(Pk)	107.73	-	-
		2412(Av)	94.70	-	-
		2390(Pk)	70.97	74*	-3.03
		2390(Av)	50.80	54*	-3.20
		4824(Pk)	42.81	74	-31.19
		4824(Av)	29.64	54	-24.36
		7236(Pk)	47.87	74	-26.13
		7236(Av)	35.52	54	-18.48
2437	Vertical	2437(Pk)	109.85	-	-
		2437(Av)	97.34	-	-
		4874(Pk)	41.77	74	-32.23
		4874(Av)	29.84	54	-24.16
		7311(Pk)	50.45	74	-23.55
		7311(Av)	37.84	54	-16.16
	Horizontal	2437(Pk)	112.75	-	-
		2437(Av)	100.03	-	-
		4874(Pk)	41.35	74	-32.65
		4874(Av)	29.74	54	-24.26
		7311(Pk)	47.88	74	-26.12
		7311(Av)	36.07	54	-17.93
2462	Vertical	2462(Pk)	103.39	-	-
		2462(Av)	90.01	-	-
		2483.5(Pk)	65.68	74*	-8.32
		2483.5(Av)	44.38	54*	-9.62
		4924(Pk)	41.74	74	-32.26
		4924(Av)	29.50	54	-24.50
		7386(Pk)	47.31	74	-26.69
		7386(Av)	35.25	54	-18.75
	Horizontal	2462(Pk)	106.49	-	-
		2462(Av)	93.31	-	-
		2483.5(Pk)	69.57	74*	-4.43
		2483.5(Av)	47.09	54*	-6.91
		4924(Pk)	41.46	74	-32.54
		4924(Av)	29.45	54	-24.55
		7386(Pk)	47.26	74	-26.74
		7386(Av)	35.12	54	-18.88

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE20

Data Rate: MCS11

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2412	Vertical	2412(Pk)	102.13	-	-
		2412(Av)	83.11	-	-
		2390(Pk)	62.11	74*	-11.89
		2390(Av)	37.76	54*	-16.24
		4824(Pk)	42.10	74	-31.90
		4824(Av)	29.54	54	-24.46
		7236(Pk)	47.62	74	-26.38
		7236(Av)	35.24	54	-18.76
	Horizontal	2412(Pk)	103.01	-	-
		2412(Av)	84.17	-	-
		2390(Pk)	60.21	74*	-13.79
		2390(Av)	35.77	54*	-18.23
		4824(Pk)	41.44	74	-32.56
		4824(Av)	29.59	54	-24.41
		7236(Pk)	47.56	74	-26.44
		7236(Av)	35.25	54	-18.75
2437	Vertical	2437(Pk)	103.42	-	-
		2437(Av)	85.71	-	-
		4874(Pk)	41.95	74	-32.05
		4874(Av)	29.64	54	-24.36
		7311(Pk)	47.29	74	-26.71
		7311(Av)	35.19	54	-18.81
	Horizontal	2437(Pk)	106.63	-	-
		2437(Av)	88.37	-	-
		4874(Pk)	42.45	74	-31.55
		4874(Av)	29.63	54	-24.37
		7311(Pk)	46.90	74	-27.10
		7311(Av)	35.17	54	-18.83
2462	Vertical	2462(Pk)	101.68	-	-
		2462(Av)	82.91	-	-
		2483.5(Pk)	60.25	74*	-13.75
		2483.5(Av)	35.26	54*	-18.74
		4924(Pk)	41.75	74	-32.25
		4924(Av)	29.43	54	-24.57
		7386(Pk)	46.84	74	-27.16
		7386(Av)	35.16	54	-18.84
	Horizontal	2462(Pk)	105.91	-	-
		2462(Av)	87.42	-	-
		2483.5(Pk)	61.96	74*	-12.04
		2483.5(Av)	38.37	54*	-15.63
		4924(Pk)	42.26	74	-31.74
		4924(Av)	29.38	54	-24.62
		7386(Pk)	46.75	74	-27.25
		7386(Av)	35.03	54	-18.97

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT40

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	100.58	-	-
		2422(Av)	90.96	-	-
		2390(Pk)	64.58	74*	-9.42
		2390(Av)	45.32	54*	-8.68
		4844(Pk)	41.34	74	-32.66
		4844(Av)	29.30	54	-24.70
		7266(Pk)	47.30	74	-26.70
		7266(Av)	35.40	54	-18.60
	Horizontal	2422(Pk)	100.93	-	-
		2422(Av)	91.21	-	-
		2390(Pk)	62.42	74*	-11.58
		2390(Av)	46.61	54*	-7.39
		4844(Pk)	41.18	74	-32.82
		4844(Av)	29.28	54	-24.72
		7266(Pk)	47.34	74	-26.66
		7266(Av)	34.98	54	-19.02
2437	Vertical	2437(Pk)	104.35	-	-
		2437(Av)	94.00	-	-
		4874(Pk)	41.64	74	-32.36
		4874(Av)	29.44	54	-24.56
		7311(Pk)	50.26	74	-23.74
		7311(Av)	37.42	54	-16.58
	Horizontal	2437(Pk)	104.15	-	-
		2437(Av)	93.55	-	-
		4874(Pk)	41.54	74	-32.46
		4874(Av)	29.44	54	-24.56
		7311(Pk)	46.59	74	-27.41
		7311(Av)	34.96	54	-19.04
2452	Vertical	2452(Pk)	97.95	-	-
		2452(Av)	88.40	-	-
		2483.5(Pk)	68.96	74*	-5.04
		2483.5(Av)	49.17	54*	-4.83
		4904(Pk)	40.64	74	-33.36
		4904(Av)	29.17	54	-24.83
		7356(Pk)	46.06	74	-27.94
		7356(Av)	34.82	54	-19.18
	Horizontal	2452(Pk)	97.97	-	-
		2452(Av)	87.69	-	-
		2483.5(Pk)	66.84	74*	-7.16
		2483.5(Av)	48.94	54*	-5.06
		4904(Pk)	41.01	74	-32.99
		4904(Av)	29.16	54	-24.84
		7356(Pk)	46.83	74	-27.17
		7356(Av)	34.80	54	-19.20

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT40

Data Rate: MCS7

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	101.10	-	-
		2422(Av)	85.59	-	-
		2390(Pk)	63.02	74*	-10.98
		2390(Av)	43.58	54*	-10.42
		4844(Pk)	41.07	74	-32.93
		4844(Av)	29.31	54	-24.69
		7266(Pk)	47.58	74	-26.42
		7266(Av)	35.28	54	-18.72
	Horizontal	2422(Pk)	100.25	-	-
		2422(Av)	84.60	-	-
		2390(Pk)	59.25	74*	-14.75
		2390(Av)	40.56	54*	-13.44
		4844(Pk)	41.32	74	-32.68
		4844(Av)	29.26	54	-24.74
		7266(Pk)	47.23	74	-26.77
		7266(Av)	34.98	54	-19.02
2437	Vertical	2437(Pk)	105.05	-	-
		2437(Av)	88.71	-	-
		4874(Pk)	41.24	74	-32.76
		4874(Av)	29.41	54	-24.59
		7311(Pk)	48.89	74	-25.11
		7311(Av)	36.29	54	-17.71
	Horizontal	2437(Pk)	104.85	-	-
		2437(Av)	88.60	-	-
		4874(Pk)	40.94	74	-33.06
		4874(Av)	29.31	54	-24.69
2452	Vertical	2452(Pk)	101.52	-	-
		2452(Av)	86.20	-	-
		2483.5(Pk)	72.19	74*	-1.81
		2483.5(Av)	51.70	54*	-2.30
		4904(Pk)	41.3	74	-32.70
		4904(Av)	29.22	54	-24.78
		7356(Pk)	46.67	74	-27.33
		7356(Av)	34.89	54	-19.11
	Horizontal	2452(Pk)	101.20	-	-
		2452(Av)	85.88	-	-
		2483.5(Pk)	71.69	74*	-2.31
		2483.5(Av)	51.65	54*	-2.35
		4904(Pk)	40.75	74	-33.25
		4904(Av)	29.26	54	-24.74
		7356(Pk)	46.24	74	-27.76
		7356(Av)	34.76	54	-19.24

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT40

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	101.27	-	-
		2422(Av)	91.71	-	-
		2390(Pk)	67.00	74*	-7.00
		2390(Av)	52.56	54*	-1.44
		4844(Pk)	40.80	74	-33.20
		4844(Av)	29.29	54	-24.71
		7266(Pk)	47.15	74	-26.85
		7266(Av)	35.42	54	-18.58
	Horizontal	2422(Pk)	101.48	-	-
		2422(Av)	91.46	-	-
		2390(Pk)	67.09	74*	-6.91
		2390(Av)	52.24	54*	-1.76
		4844(Pk)	41.56	74	-32.44
		4844(Av)	29.28	54	-24.72
		7266(Pk)	47.53	74	-26.47
		7266(Av)	35.04	54	-18.96
2437	Vertical	2437(Pk)	104.64	-	-
		2437(Av)	92.70	-	-
		4874(Pk)	41.06	74	-32.94
		4874(Av)	29.38	54	-24.62
		7311(Pk)	50.66	74	-23.34
		7311(Av)	37.55	54	-16.45
	Horizontal	2437(Pk)	104.21	-	-
		2437(Av)	92.48	-	-
		4874(Pk)	40.80	74	-33.20
		4874(Av)	29.36	54	-24.64
		7311(Pk)	46.62	74	-27.38
		7311(Av)	35.13	54	-18.87
2452	Vertical	2452(Pk)	98.86	-	-
		2452(Av)	88.90	-	-
		2483.5(Pk)	69.85	74*	-4.15
		2483.5(Av)	49.69	54*	-4.31
		4904(Pk)	40.99	74	-33.01
		4904(Av)	29.21	54	-24.79
		7356(Pk)	46.62	74	-27.38
		7356(Av)	34.83	54	-19.17
	Horizontal	2452(Pk)	98.48	-	-
		2452(Av)	88.53	-	-
		2483.5(Pk)	66.47	74*	-7.53
		2483.5(Av)	49.23	54*	-4.77
		4904(Pk)	40.63	74	-33.37
		4904(Av)	29.15	54	-24.85
		7356(Pk)	46.91	74	-27.09
		7356(Av)	34.79	54	-19.21

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT40

Data Rate: MCS8

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	100.69	-	-
		2422(Av)	83.94	-	-
		2390(Pk)	64.63	74*	-9.37
		2390(Av)	44.64	54*	-9.36
		4844(Pk)	41.18	74	-32.82
		4844(Av)	29.30	54	-24.70
		7266(Pk)	47.72	74	-26.28
		7266(Av)	35.30	54	-18.70
	Horizontal	2422(Pk)	100.43	-	-
		2422(Av)	84.16	-	-
		2390(Pk)	64.76	74*	-9.24
		2390(Av)	44.21	54*	-9.79
		4844(Pk)	41.73	74	-32.27
		4844(Av)	29.3	54	-24.70
		7266(Pk)	47.14	74	-26.86
		7266(Av)	35.04	54	-18.96
2437	Vertical	2437(Pk)	103.41	-	-
		2437(Av)	87.45	-	-
		4874(Pk)	41.29	74	-32.71
		4874(Av)	29.44	54	-24.56
		7311(Pk)	50.29	74	-23.71
		7311(Av)	36.42	54	-17.58
	Horizontal	2437(Pk)	101.72	-	-
		2437(Av)	86.88	-	-
		4874(Pk)	41.14	74	-32.86
		4874(Av)	29.34	54	-24.66
		7311(Pk)	46.95	74	-27.05
		7311(Av)	35.21	54	-18.79
2452	Vertical	2452(Pk)	98.65	-	-
		2452(Av)	81.90	-	-
		2483.5(Pk)	63.26	74*	-10.74
		2483.5(Av)	42.13	54*	-11.87
		4904(Pk)	41.03	74	-32.97
		4904(Av)	29.13	54	-24.87
		7356(Pk)	46.26	74	-27.74
		7356(Av)	34.84	54	-19.16
	Horizontal	2452(Pk)	98.38	-	-
		2452(Av)	81.32	-	-
		2483.5(Pk)	64.70	74*	-9.30
		2483.5(Av)	43.01	54*	-10.99
		4904(Pk)	40.91	74	-33.09
		4904(Av)	29.18	54	-24.82
		7356(Pk)	47.21	74	-26.79
		7356(Av)	34.99	54	-19.01

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE40

Data Rate: MCS0

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	103.30	-	-
		2422(Av)	89.59	-	-
		2390(Pk)	64.31	74*	-9.69
		2390(Av)	46.21	54*	-7.79
		4844(Pk)	41.48	74	-32.52
		4844(Av)	29.36	54	-24.64
		7266(Pk)	47.20	74	-26.80
		7266(Av)	35.44	54	-18.56
	Horizontal	2422(Pk)	102.25	-	-
		2422(Av)	88.97	-	-
		2390(Pk)	63.46	74*	-10.54
		2390(Av)	47.01	54*	-6.99
		4844(Pk)	41.07	74	-32.93
		4844(Av)	29.32	54	-24.68
		7266(Pk)	46.69	74	-27.31
		7266(Av)	35.06	54	-18.94
2437	Vertical	2437(Pk)	104.63	-	-
		2437(Av)	91.39	-	-
		4874(Pk)	41.29	74	-32.71
		4874(Av)	29.47	54	-24.53
		7311(Pk)	50.32	74	-23.68
		7311(Av)	37.16	54	-16.84
	Horizontal	2437(Pk)	104.09	-	-
		2437(Av)	91.12	-	-
		4874(Pk)	42.02	74	-31.98
		4874(Av)	29.37	54	-24.63
		7311(Pk)	46.91	74	-27.09
		7311(Av)	35.36	54	-18.64
2452	Vertical	2452(Pk)	102.01	-	-
		2452(Av)	88.31	-	-
		2483.5(Pk)	67.87	74*	-6.13
		2483.5(Av)	51.13	54*	-2.87
		4904(Pk)	41.84	74	-32.16
		4904(Av)	29.15	54	-24.85
		7356(Pk)	46.79	74	-27.21
		7356(Av)	34.98	54	-19.02
	Horizontal	2452(Pk)	101.23	-	-
		2452(Av)	88.18	-	-
		2483.5(Pk)	67.79	74*	-6.21
		2483.5(Av)	49.90	54*	-4.10
		4904(Pk)	42.22	74	-31.78
		4904(Av)	29.18	54	-24.82
		7356(Pk)	46.31	74	-27.69
		7356(Av)	34.82	54	-19.18

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE40

Data Rate: MCS11

Channel Frequency (MHz)	Antenna Polarization	Measured Frequency (MHz)	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2422	Vertical	2422(Pk)	101.21	-	-
		2422(Av)	84.37	-	-
		2390(Pk)	64.46	74*	-9.54
		2390(Av)	41.65	54*	-12.35
		4844(Pk)	40.82	74	-33.18
		4844(Av)	29.22	54	-24.78
		7266(Pk)	47.14	74	-26.86
		7266(Av)	35.16	54	-18.84
	Horizontal	2422(Pk)	101.40	-	-
		2422(Av)	84.05	-	-
		2390(Pk)	62.51	74*	-11.49
		2390(Av)	39.42	54*	-14.58
		4844(Pk)	40.87	74	-33.13
		4844(Av)	29.23	54	-24.77
		7266(Pk)	46.31	74	-27.69
		7266(Av)	34.97	54	-19.03
2437	Vertical	2437(Pk)	102.32	-	-
		2437(Av)	84.89	-	-
		4874(Pk)	42.00	74	-32.00
		4874(Av)	29.26	54	-24.74
		7311(Pk)	47.14	74	-26.86
		7311(Av)	35.52	54	-18.48
	Horizontal	2437(Pk)	101.03	-	-
		2437(Av)	83.34	-	-
		4874(Pk)	41.40	74	-32.60
		4874(Av)	29.19	54	-24.81
2452	Vertical	2452(Pk)	101.43	-	-
		2452(Av)	83.08	-	-
		2483.5(Pk)	69.79	74*	-4.21
		2483.5(Av)	47.18	54*	-6.82
		4904(Pk)	40.72	74	-33.28
		4904(Av)	29.28	54	-24.72
		7356(Pk)	47.04	74	-26.96
		7356(Av)	34.94	54	-19.06
	Horizontal	2452(Pk)	101.09	-	-
		2452(Av)	82.40	-	-
		2483.5(Pk)	67.77	74*	-6.23
		2483.5(Av)	45.67	54*	-8.33
		4904(Pk)	41.54	74	-32.46
		4904(Av)	29.28	54	-24.72
		7356(Pk)	46.78	74	-27.22
		7356(Av)	34.84	54	-19.16

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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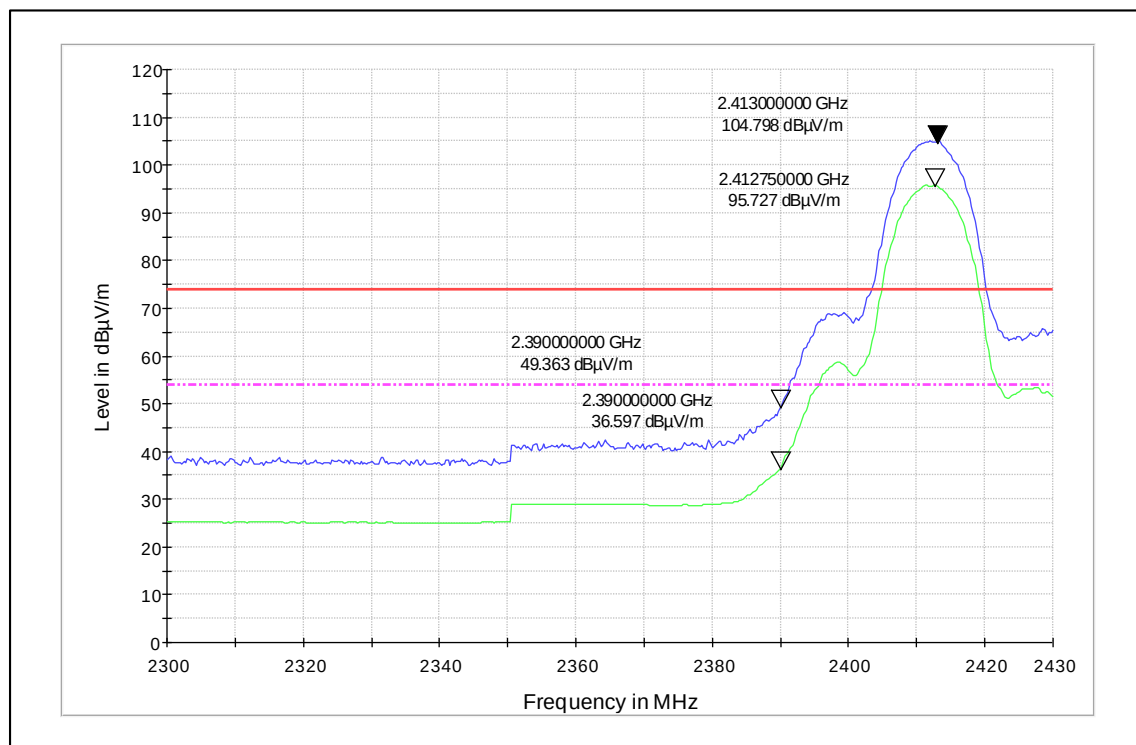
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Worst Case Plots are Reported

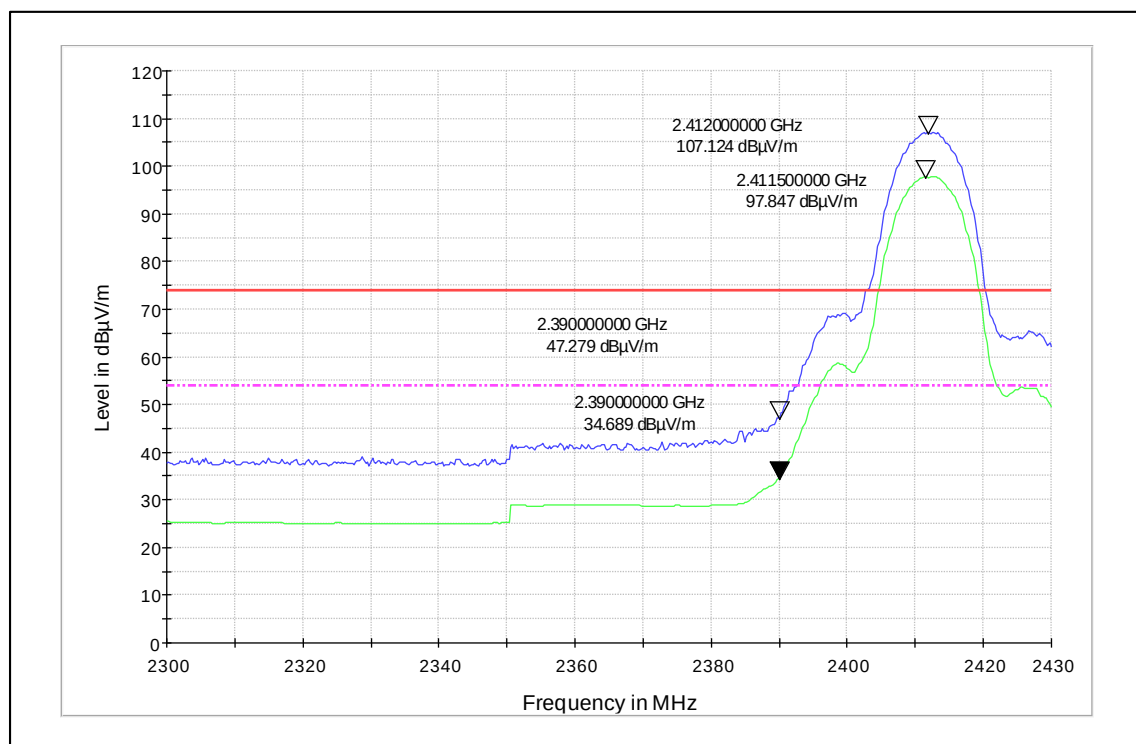
Modulation: 802.11b

Data Rate : 11Mbps



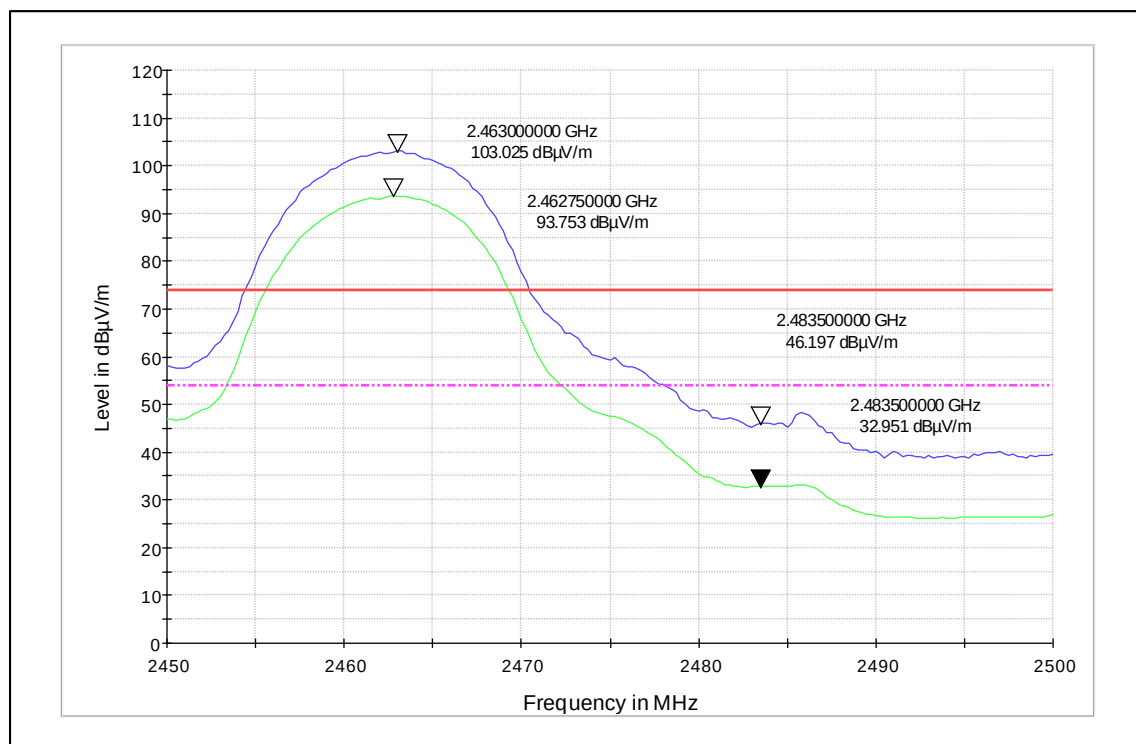
Channel frequency - 2412MHz

Polarization – Vertical



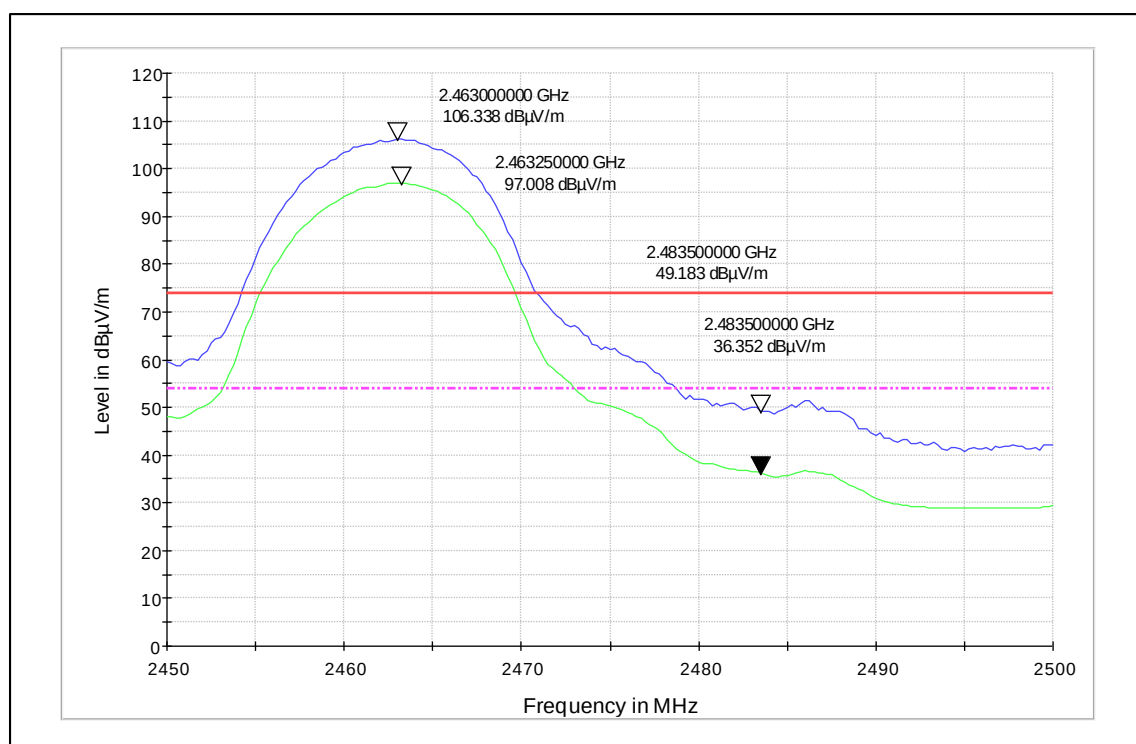
Channel frequency - 2412MHz

Polarization – Horizontal



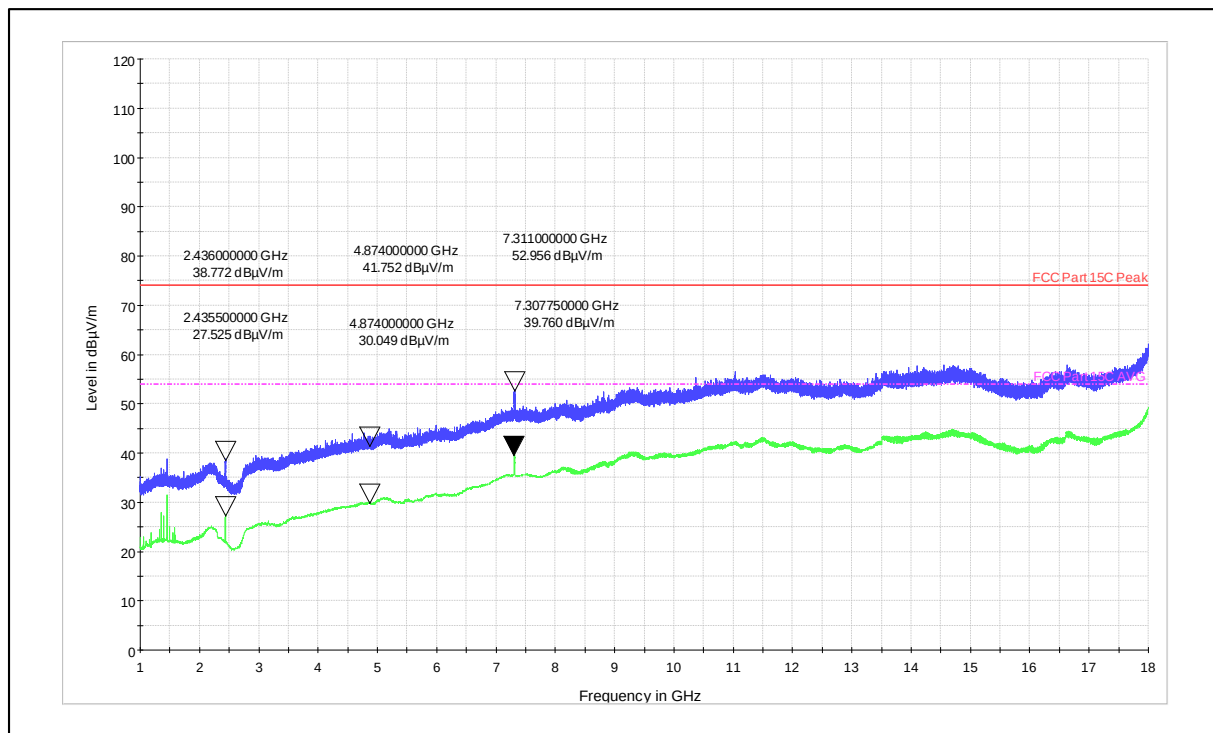
Channel frequency - 2462MHz

Polarization – Vertical



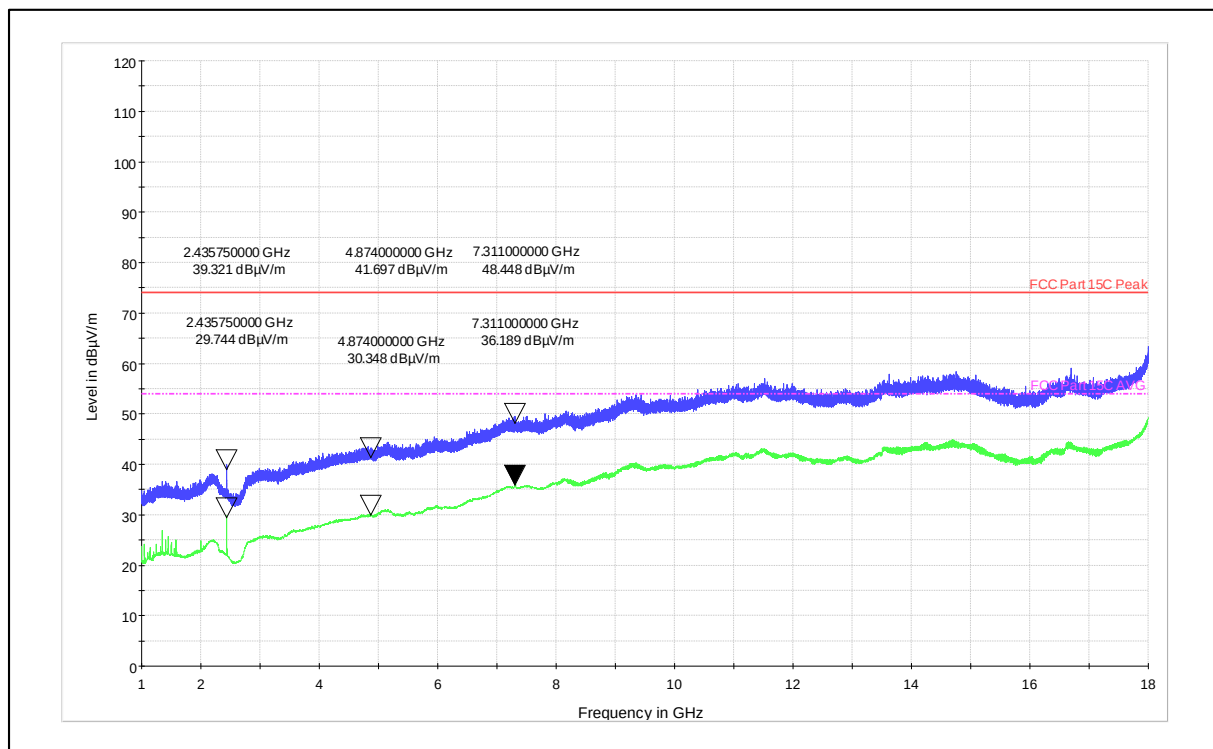
Channel frequency - 2462MHz

Polarization – Horizontal



Channel frequency - 2437MHz

Polarization – Vertical



Channel frequency - 2437MHz

Polarization – Horizontal

Prüfbericht - Nr.:

Test Report No.:

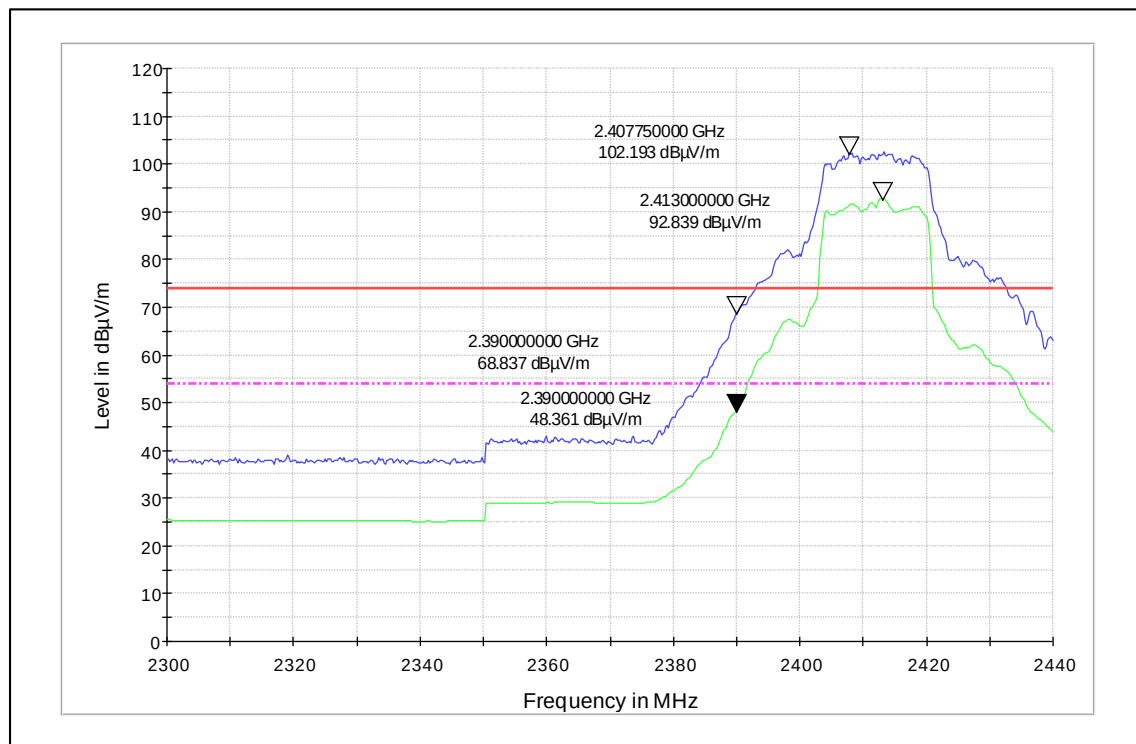
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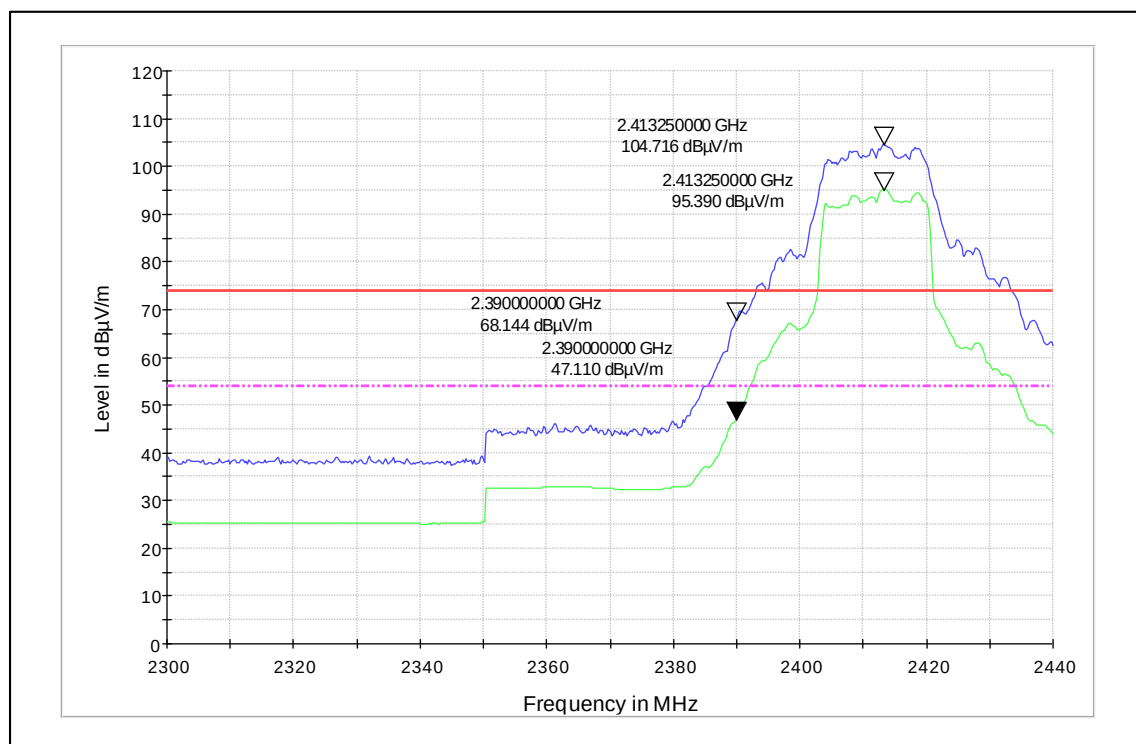
Modulation: 802.11g

Data Rate : 6Mbps



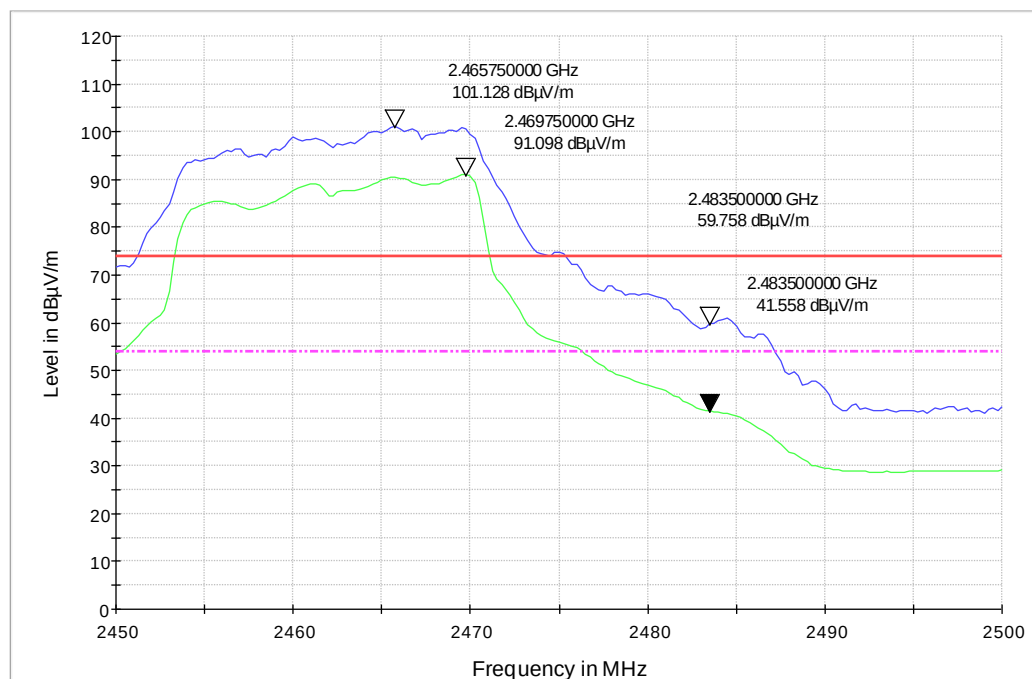
Channel Frequency - 2412MHz

Polarization – Vertical



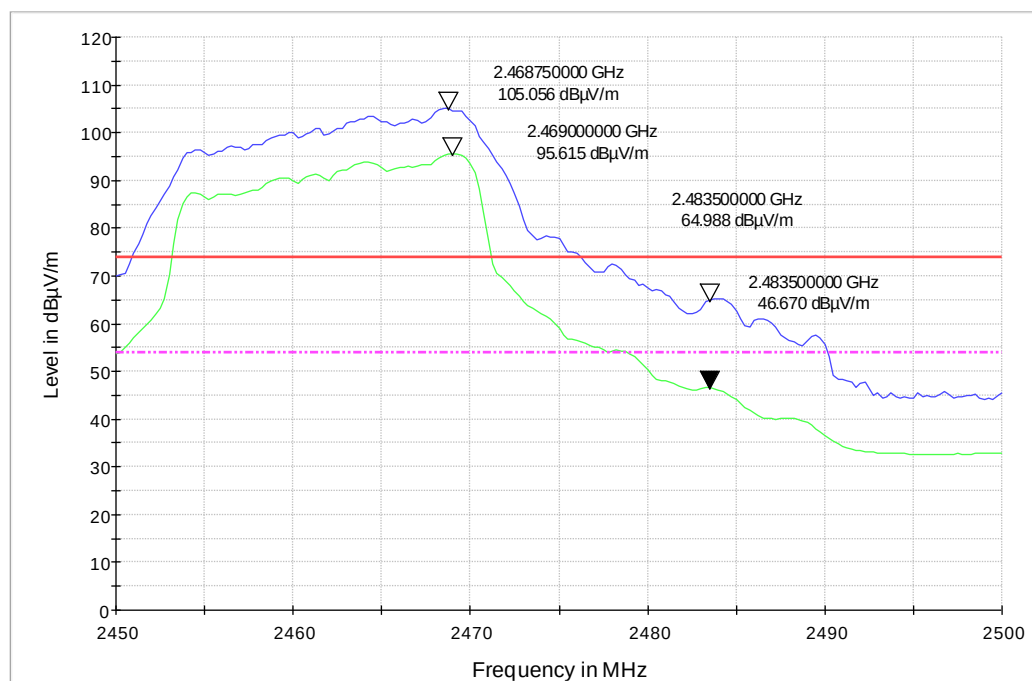
Channel Frequency - 2412MHz

Polarization – Horizontal



Channel Frequency – 2462MHz

Polarization – Vertical



Channel Frequency - 2462MHz

Polarization – Horizontal