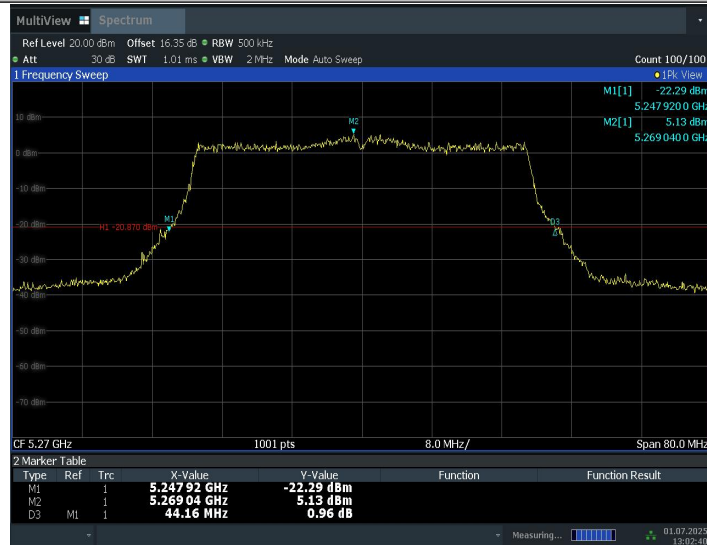
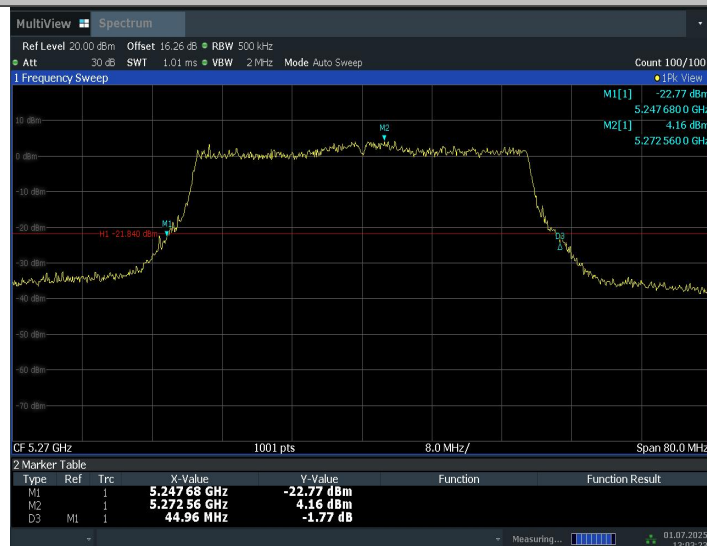


11BE40MIMO_CH1_5270



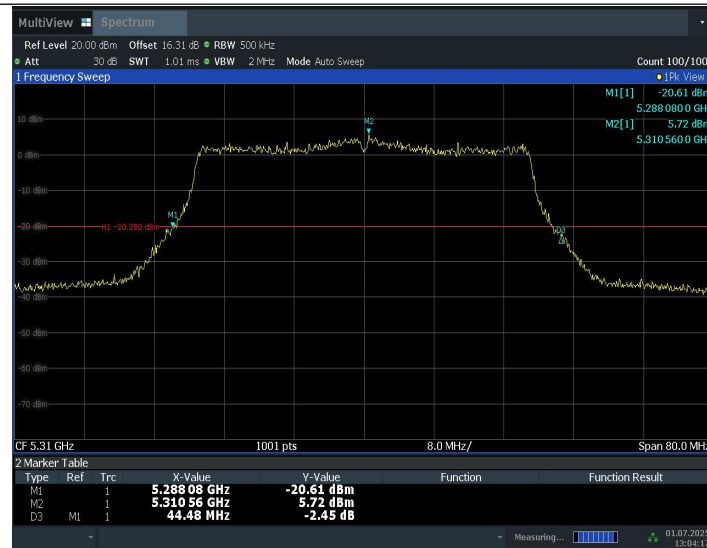
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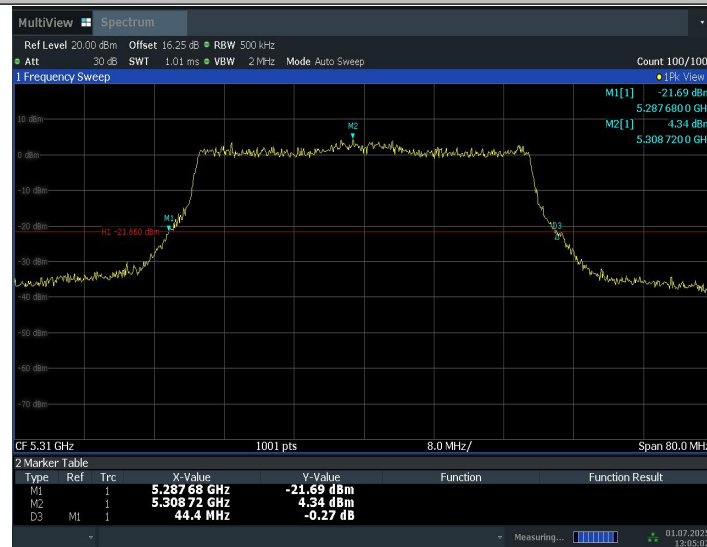
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11BE40MIMO_CH1_5310



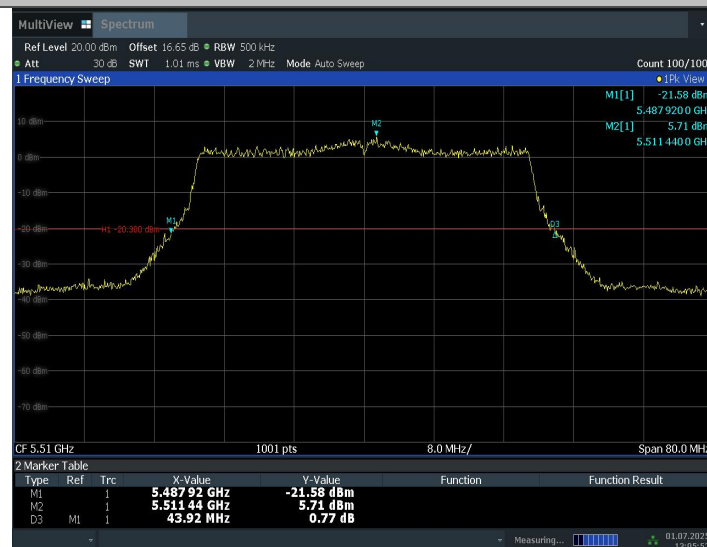
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11BE40MIMO_CH2_5310



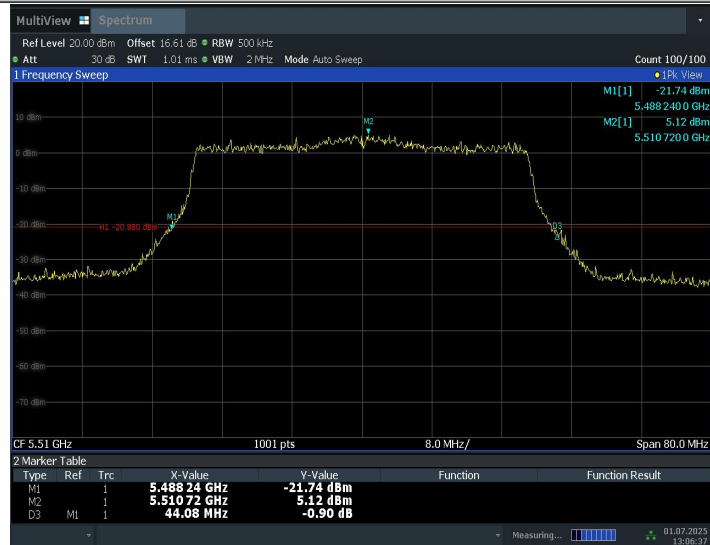
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11BE40MIMO_CH1_5510



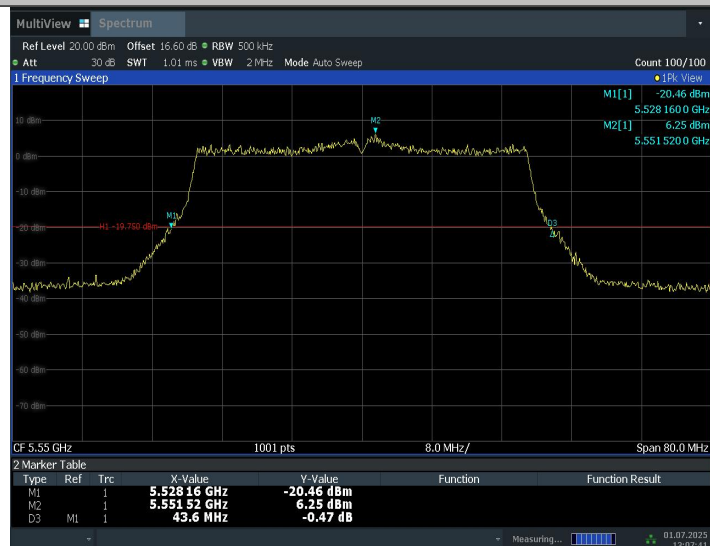
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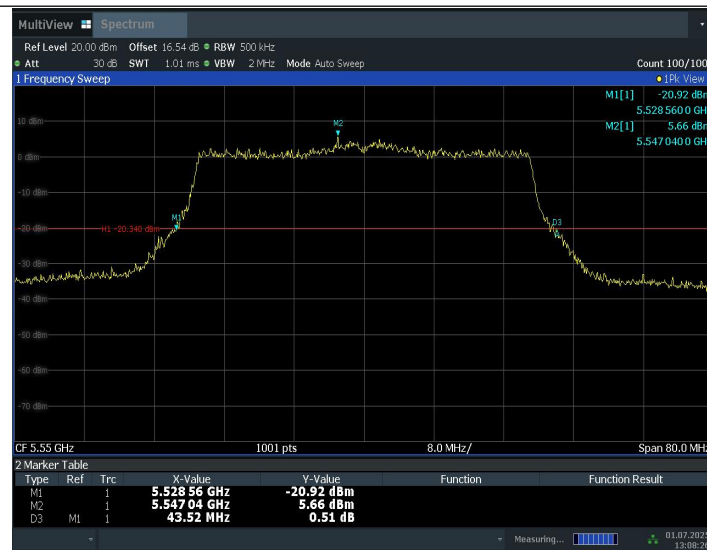
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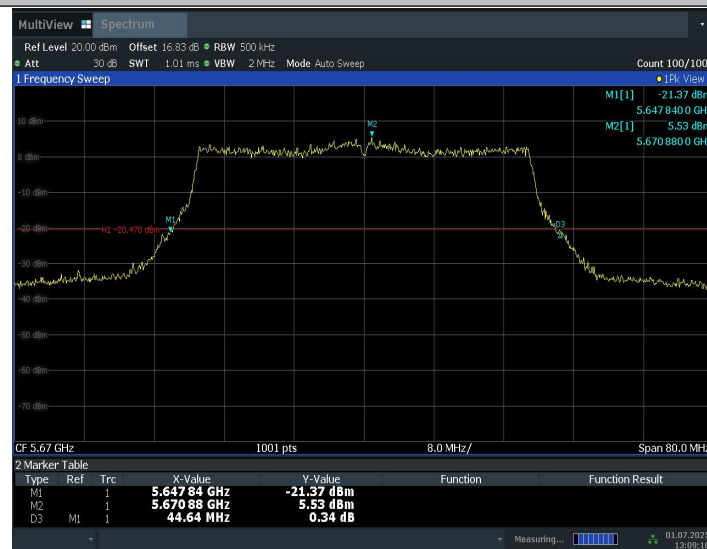
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11BE40MIMO_CH2_5550



13:08:26 01.07.2025

11BE40MIMO_CH1_5670

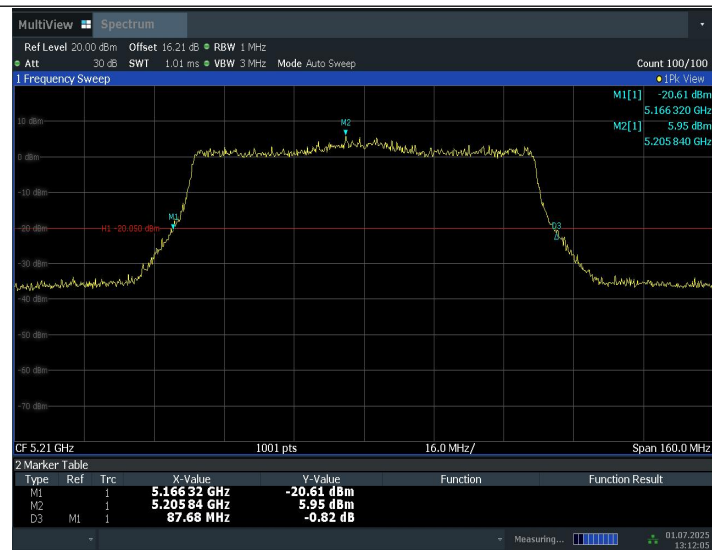


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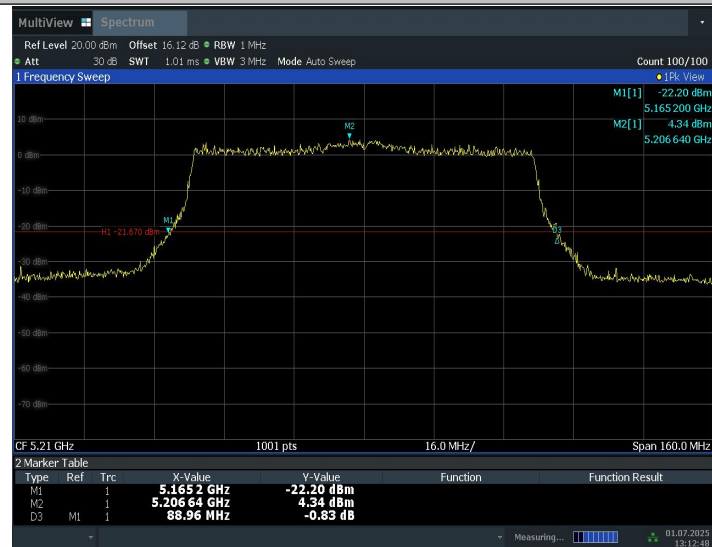


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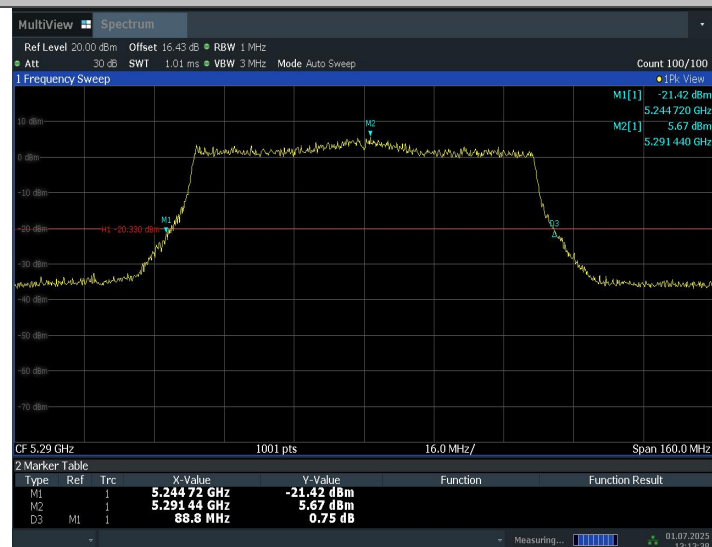
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11BE80MIMO_CH2_5210



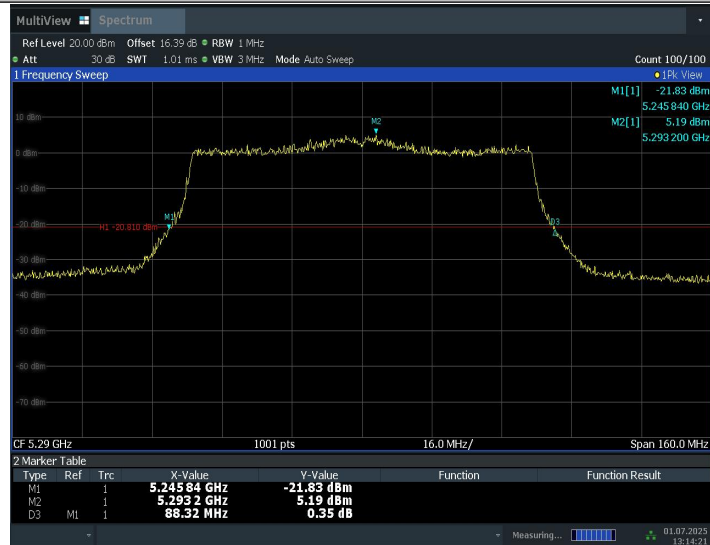
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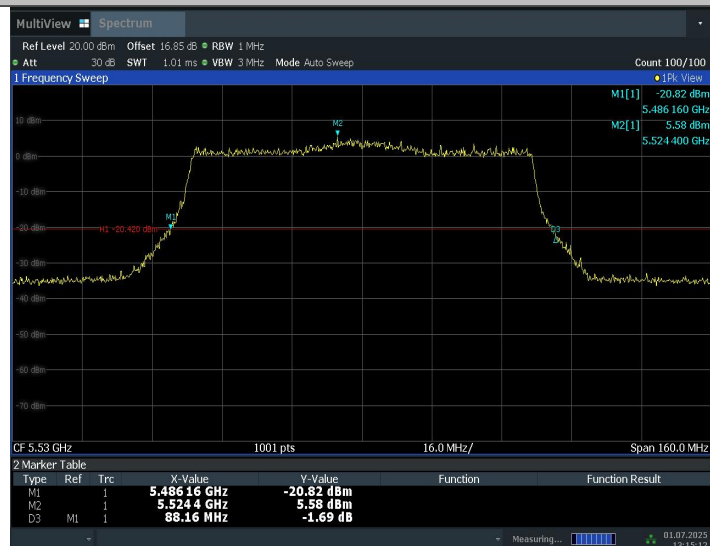
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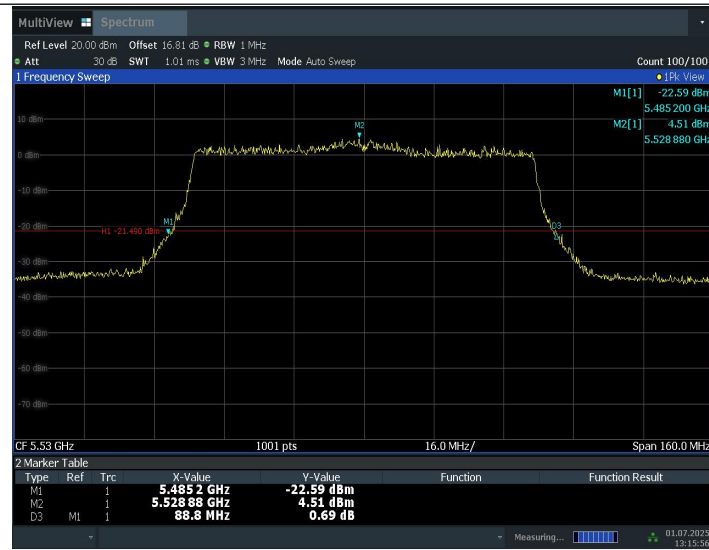
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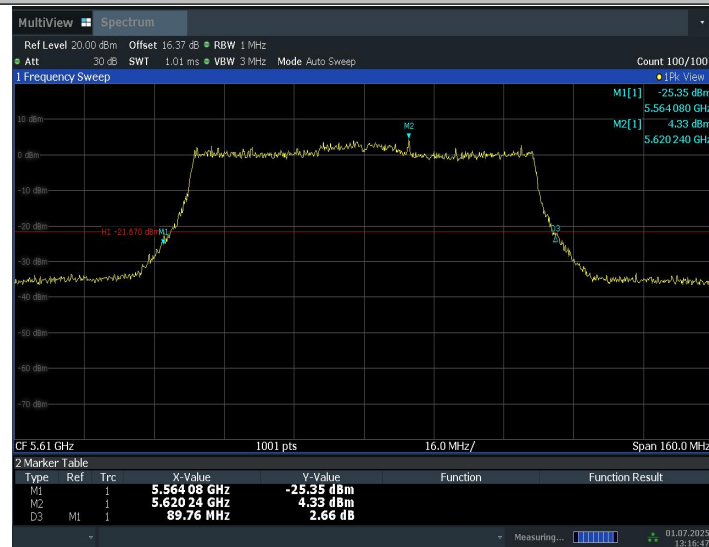
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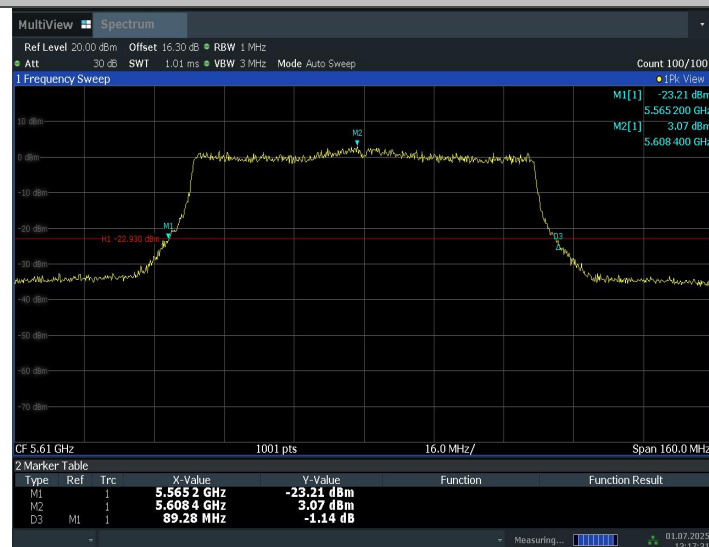
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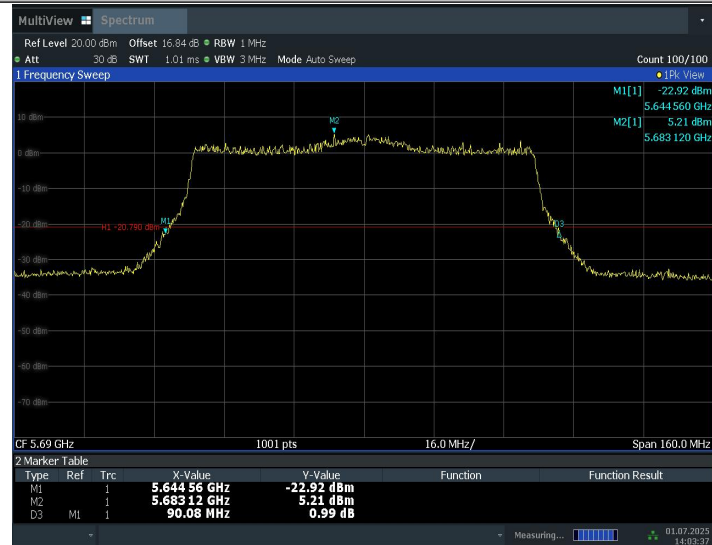
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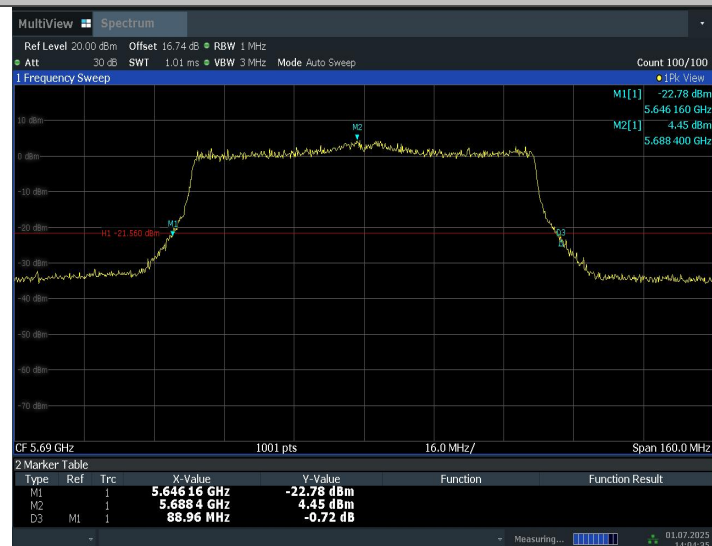
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11BE80MIMO_CH1_5690



14:03:38 01.07.2025

11BE80MIMO_CH2_5690



14:04:36 01.07.2025

11BE160MIMO_CH1_5250



13:21:16 01.07.2025

11BE160MIMO_CH2_5250



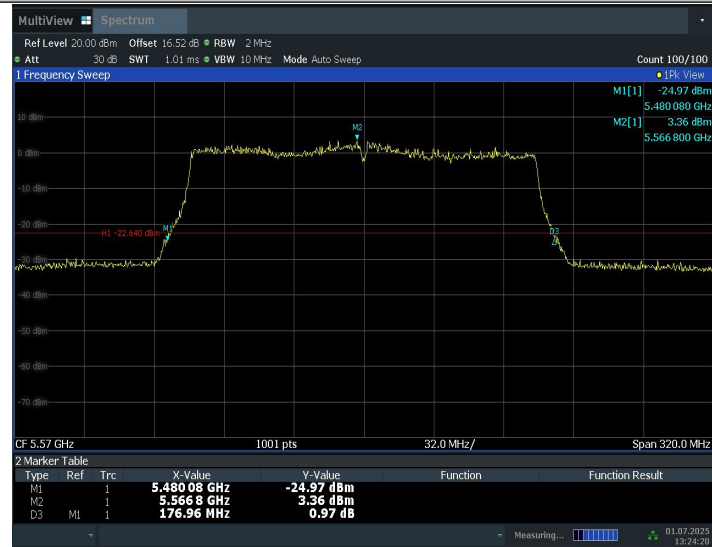
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11BE160MIMO_CH1_5570



13:23:36 01.07.2025

11BE160MIMO_CH2_5570



13:24:21 01.07.2025

A.5. Band Edges Compliance

A5.1 Band Edges - Radiated

Measurement Limit:

Standard	Limit (dB μ V/m)	
FCC 47 CFR Part 15.209	Peak	74
	Average	54

The measurement is made according to KDB 789033

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)	Measurement distance(m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The measurement is made according to ANSI C63.10-2013 and KDB 789033

Measurement Result:

Note: All SISO and MIMO emissions have been checked, only the worst cases were reported.

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.1	P
	5320 MHz	Fig.2	P
	5500 MHz	Fig.3	P
	5700 MHz	Fig.4	P
802.11n HT20	5180 MHz	Fig.5	P
	5320 MHz	Fig.6	P
	5500 MHz	Fig.7	P
	5700 MHz	Fig.8	P
802.11n HT40	5190 MHz	Fig.9	P
	5310 MHz	Fig.10	P
	5510 MHz	Fig.11	P
	5670 MHz	Fig.12	P
802.11ac HT20	5180 MHz	Fig.13	P
	5320 MHz	Fig.14	P
	5500 MHz	Fig.15	P
	5700 MHz	Fig.16	P
802.11ac HT40	5190 MHz	Fig.17	P
	5310 MHz	Fig.18	P
	5510 MHz	Fig.19	P

	5670 MHz	Fig.20	P
802.11ac HT80	5210MHz	Fig.21	P
	5290MHz	Fig.22	P
	5530MHz	Fig.23	P
	5610MHz	Fig.24	P
802.11ac HT160	5250MHz	Fig.25	P
	5250MHz	Fig.26	P
	5570MHz	Fig.27	P
	5570MHz	Fig.28	P
802.11ax HT20	5180 MHz	Fig.29	P
	5320 MHz	Fig.30	P
	5500 MHz	Fig.31	P
	5700 MHz	Fig.32	P
802.11ax HT40	5190 MHz	Fig.33	P
	5310 MHz	Fig.34	P
	5510 MHz	Fig.35	P
	5670 MHz	Fig.36	P
802.11ax HT80	5210MHz	Fig.37	P
	5290MHz	Fig.38	P
	5530MHz	Fig.39	P
	5610MHz	Fig.40	P
802.11ax HT160	5250MHz	Fig.41	P
	5250MHz	Fig.42	P
	5570MHz	Fig.43	P
	5570MHz	Fig.44	P
802.11be HT20	5180 MHz	Fig.45	P
	5320 MHz	Fig.46	P
	5500 MHz	Fig.47	P
	5700 MHz	Fig.48	P
802.11be HT40	5190 MHz	Fig.49	P
	5310 MHz	Fig.50	P
	5510 MHz	Fig.51	P
	5670 MHz	Fig.52	P
802.11be HT80	5210MHz	Fig.53	P
	5290MHz	Fig.54	P
	5530MHz	Fig.55	P
	5610MHz	Fig.56	P
802.11be HT160	5250MHz	Fig.57	P
	5250MHz	Fig.58	P
	5570MHz	Fig.59	P
	5570MHz	Fig.60	P

Conclusion: PASS

Test graphs as below:

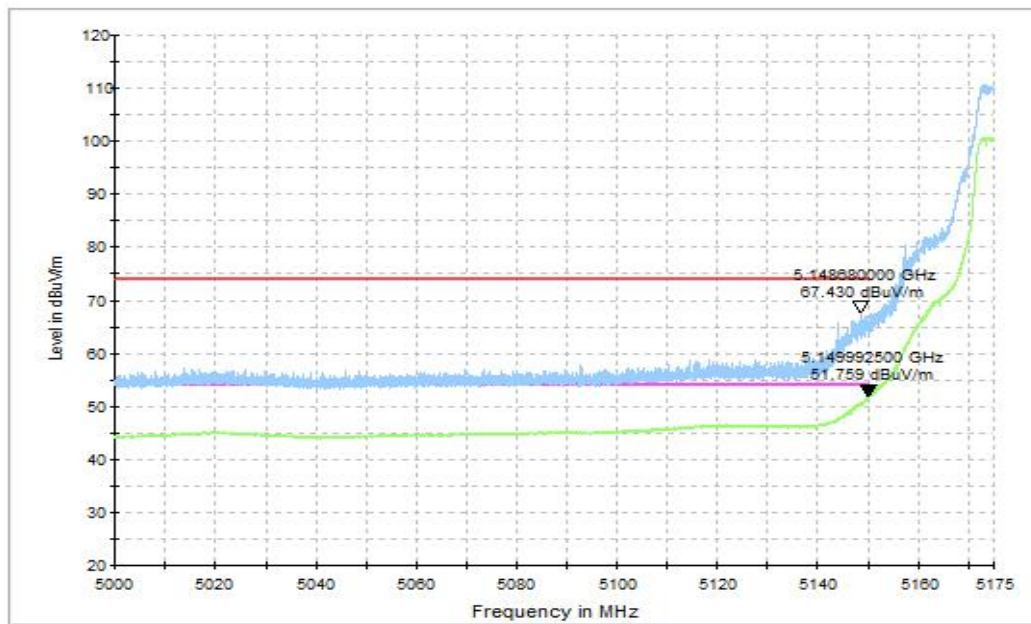


Fig. 1 Band Edges (802.11a Ch36, 5180MHz)

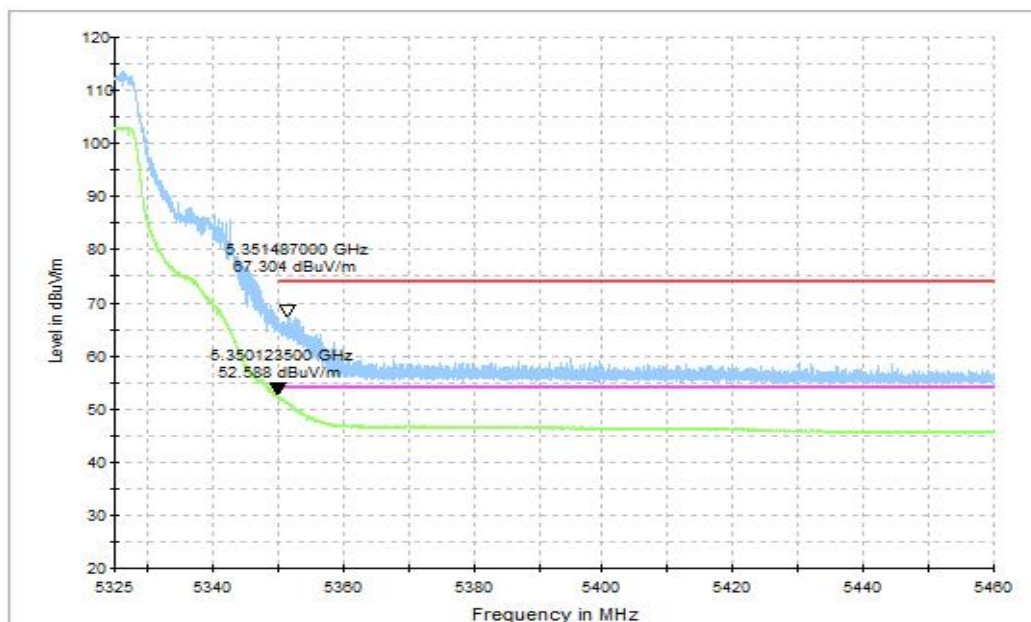


Fig. 2 Band Edges (802.11a Ch64, 5320MHz)

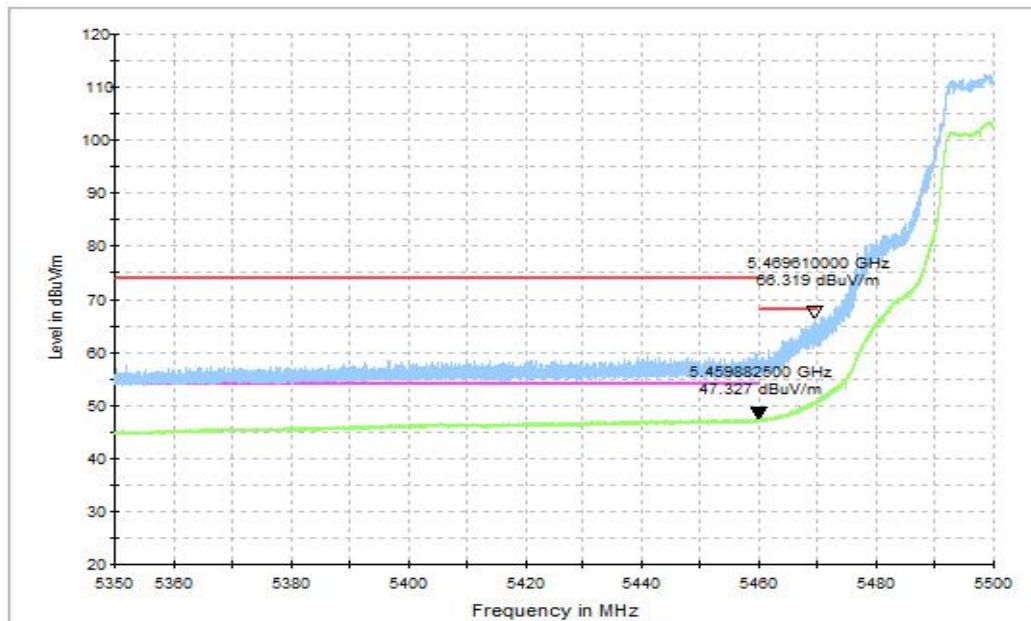


Fig. 3 Band Edges (802.11a Ch100, 5500MHz)

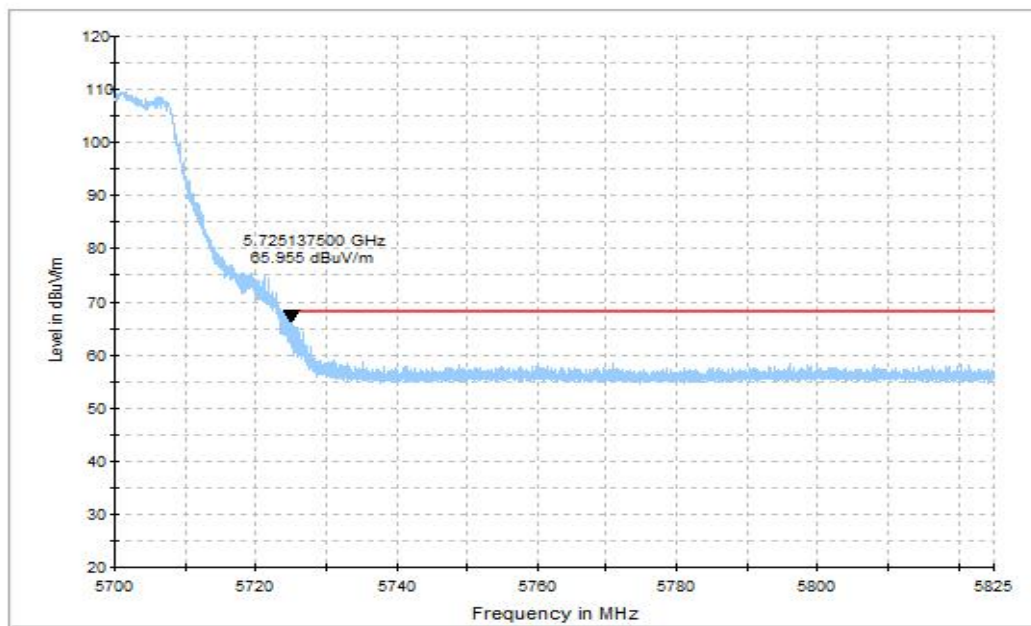


Fig. 4 Band Edges (802.11a Ch140, 5700MHz)

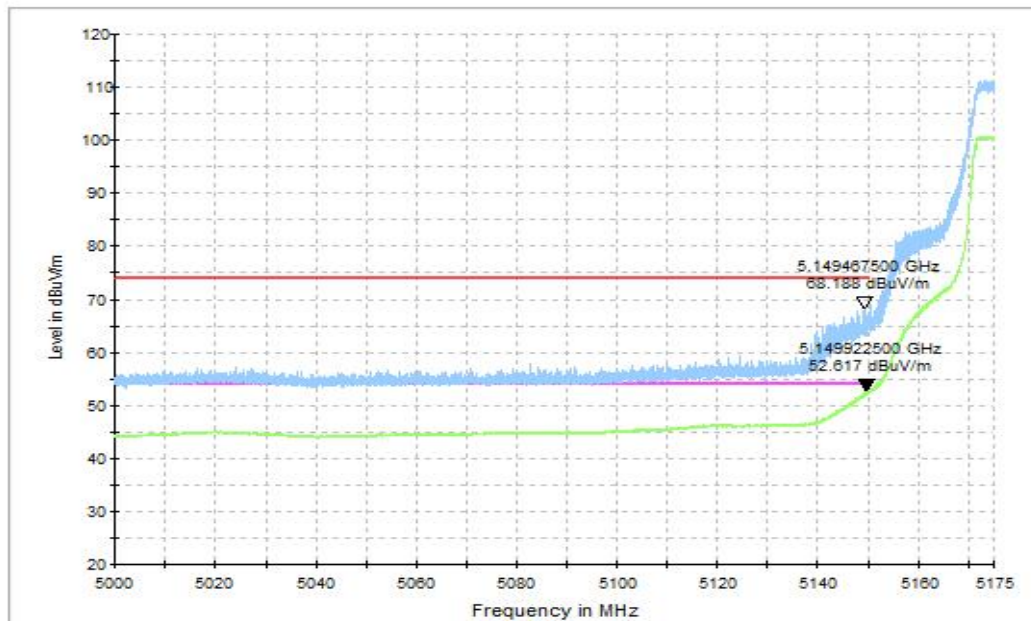


Fig. 5 Band Edges (802.11n-HT20 Ch36, 5180MHz)

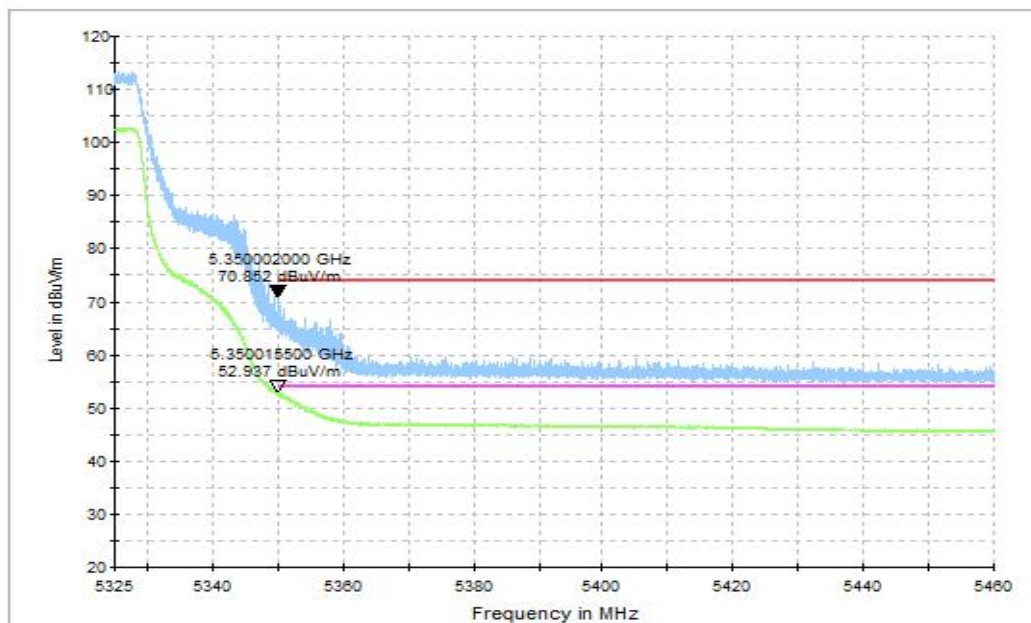


Fig. 6 Band Edges (802.11n-HT20 Ch64, 5320MHz)

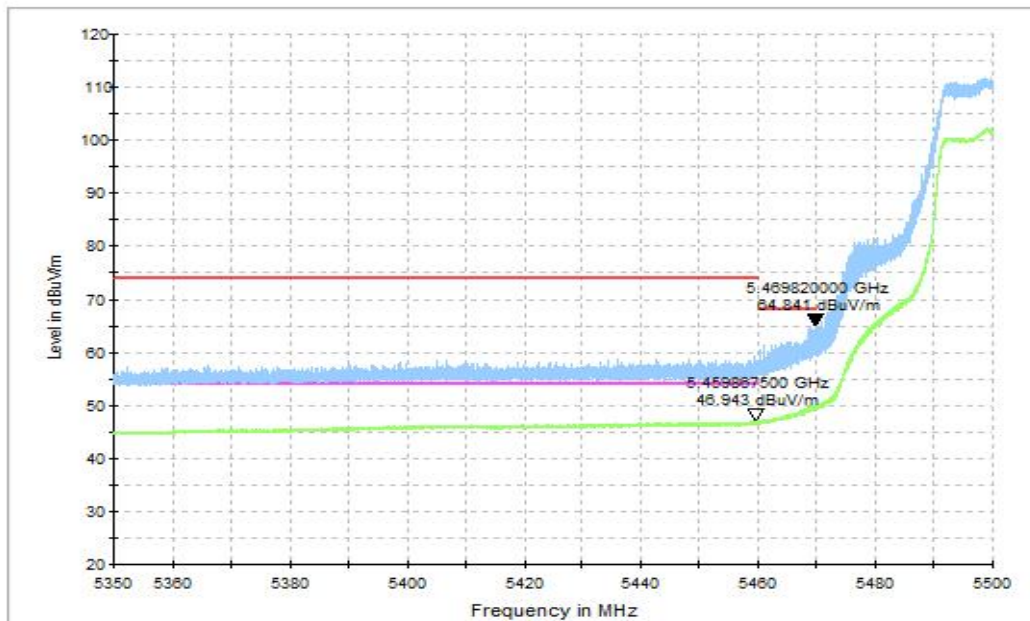


Fig. 7 Band Edges (802.11n-HT20 Ch100, 5500MHz)

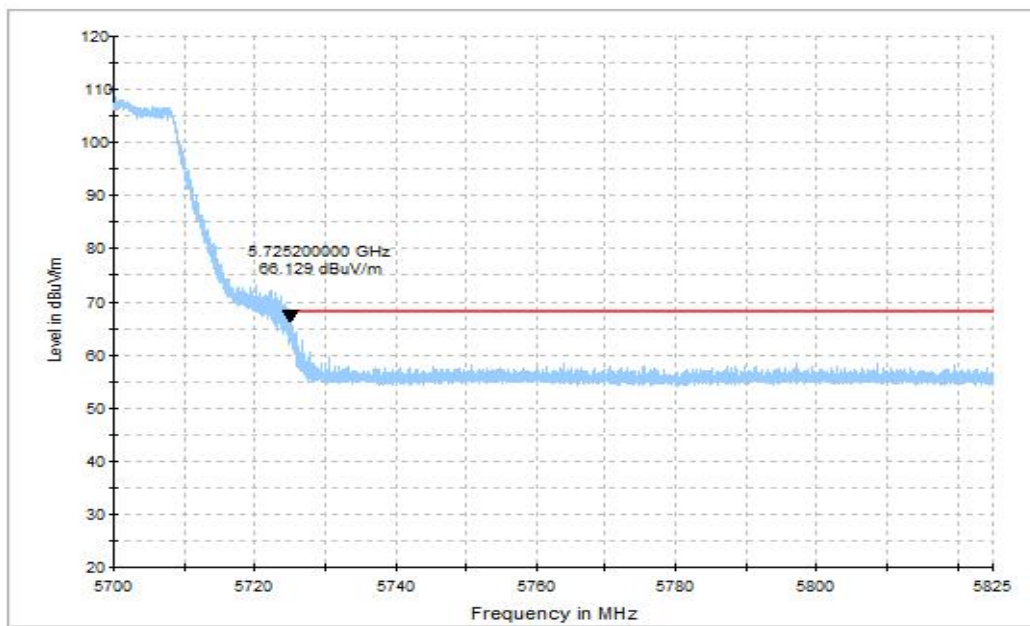


Fig. 8 Band Edges (802.11n-HT20 Ch140, 5700MHz)

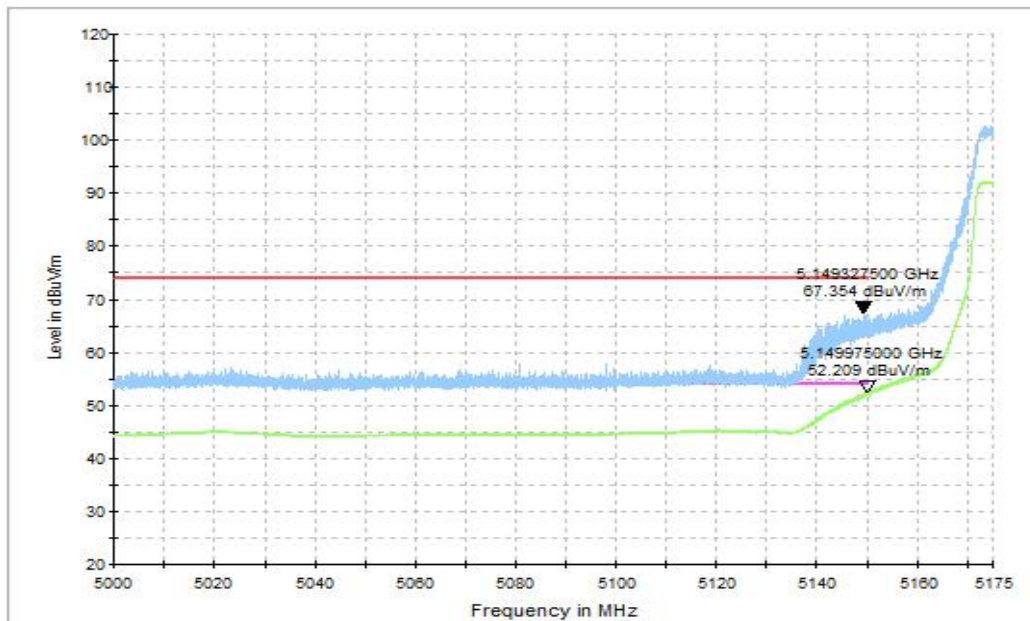


Fig. 9 Band Edges (802.11n-HT40 Ch38, 5190MHz)

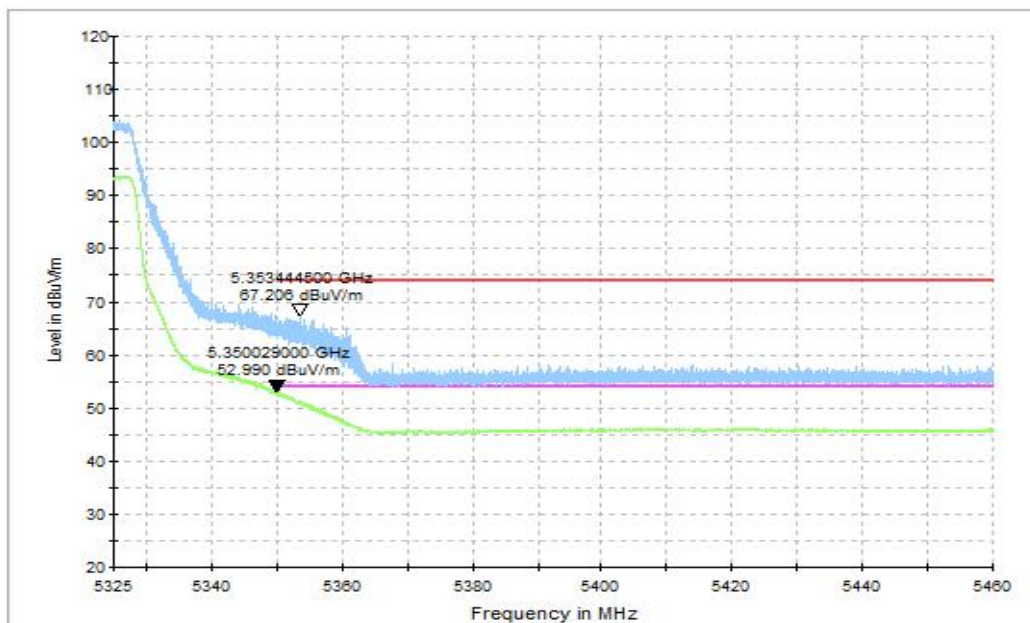


Fig. 10 Band Edges (802.11n-HT40 Ch62, 5310MHz)

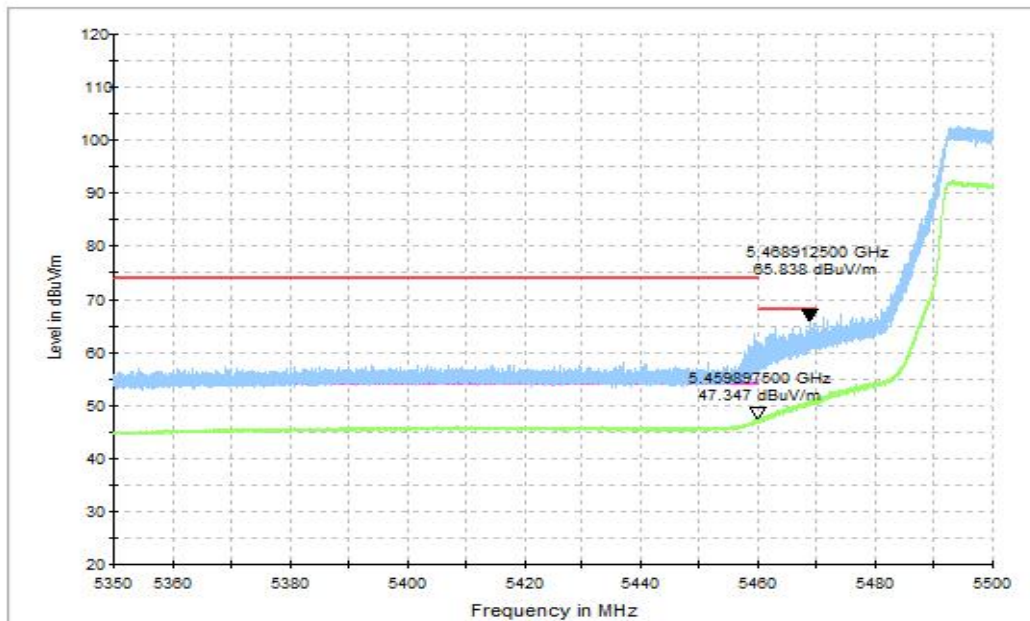


Fig. 11 Band Edges (802.11n-HT40 Ch102, 5510MHz)

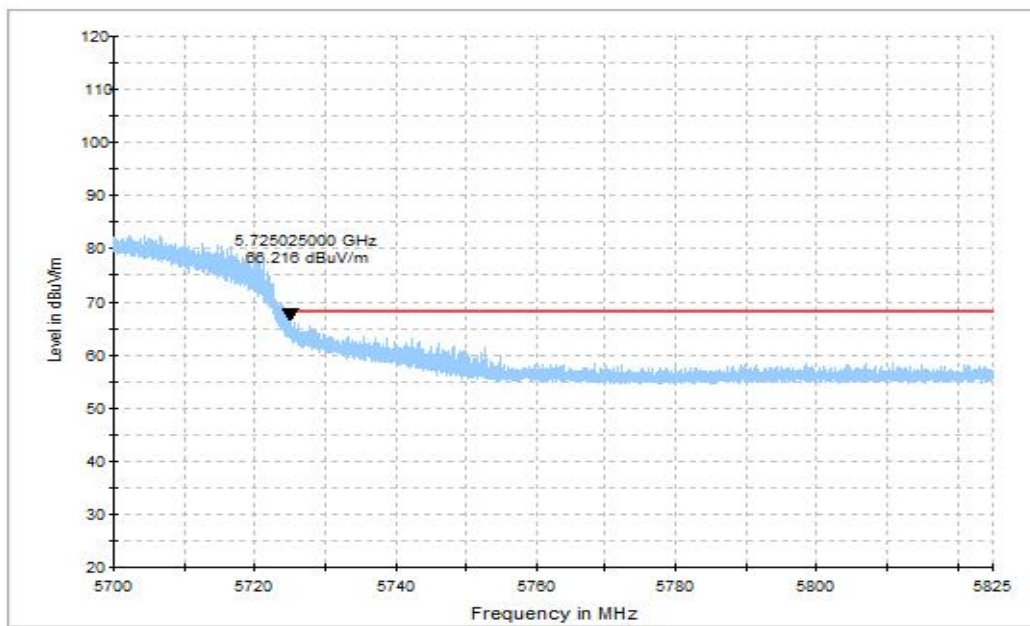


Fig. 12 Band Edges (802.11n-HT40 Ch134, 5670MHz)

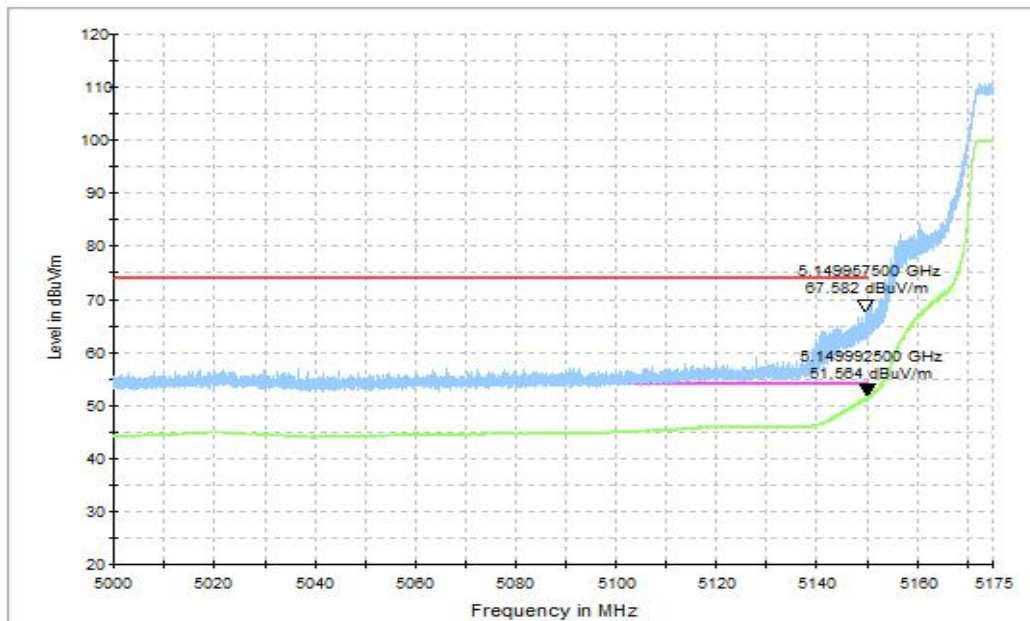


Fig. 13 Band Edges (802.11ac-HT20 Ch36, 5180MHz)

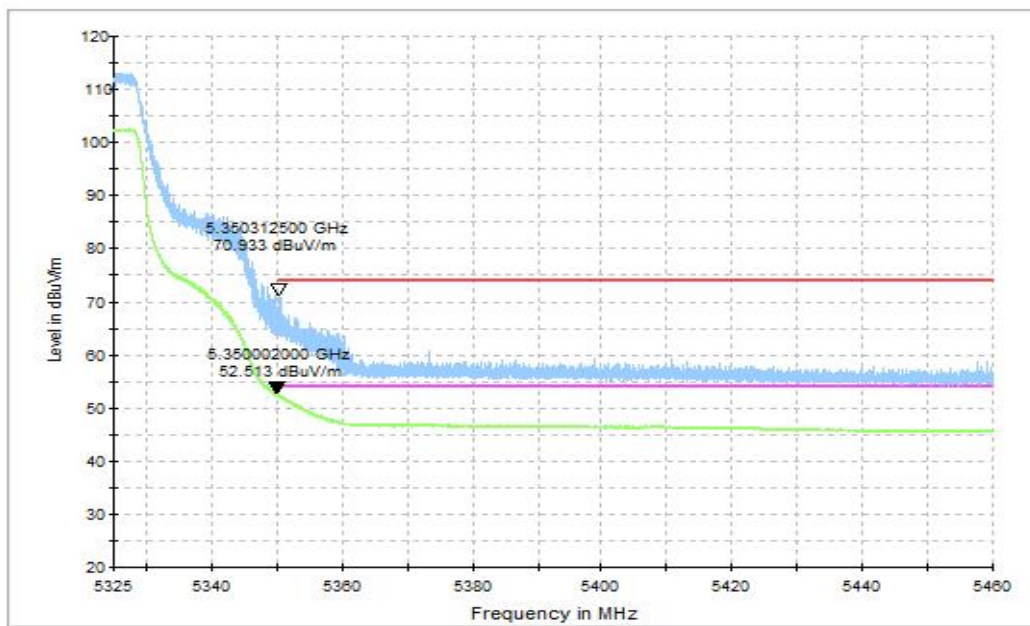


Fig. 14 Band Edges (802.11ac-HT20 Ch64, 5320MHz)

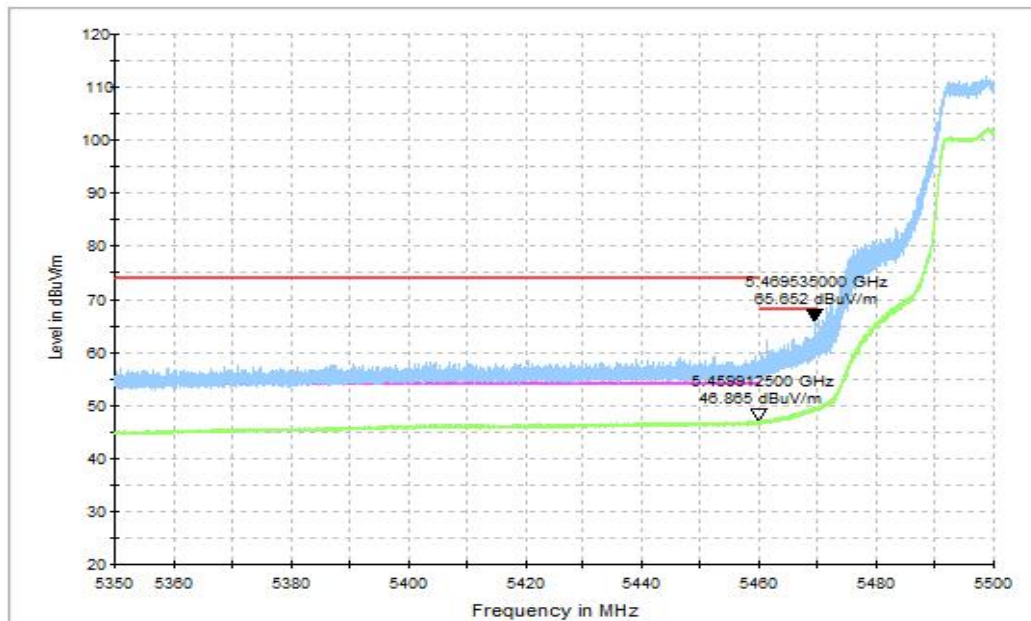


Fig. 15 Band Edges (802.11ac-HT20 Ch100, 5500MHz)

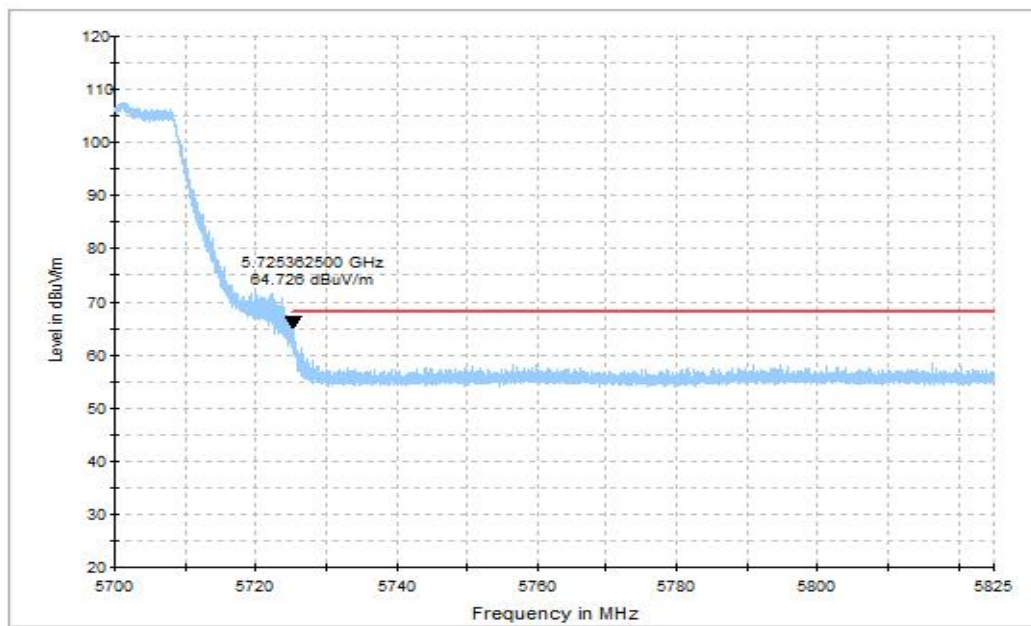


Fig. 16 Band Edges (802.11ac-HT20 Ch140, 5700MHz)

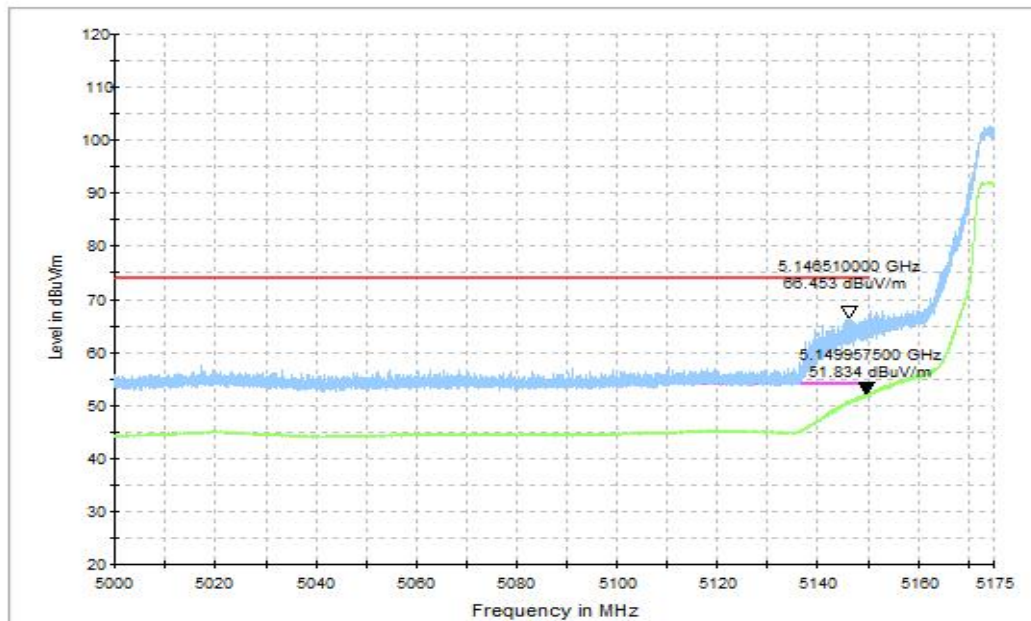


Fig. 17 Band Edges (802.11ac-HT40 Ch38, 5190MHz)

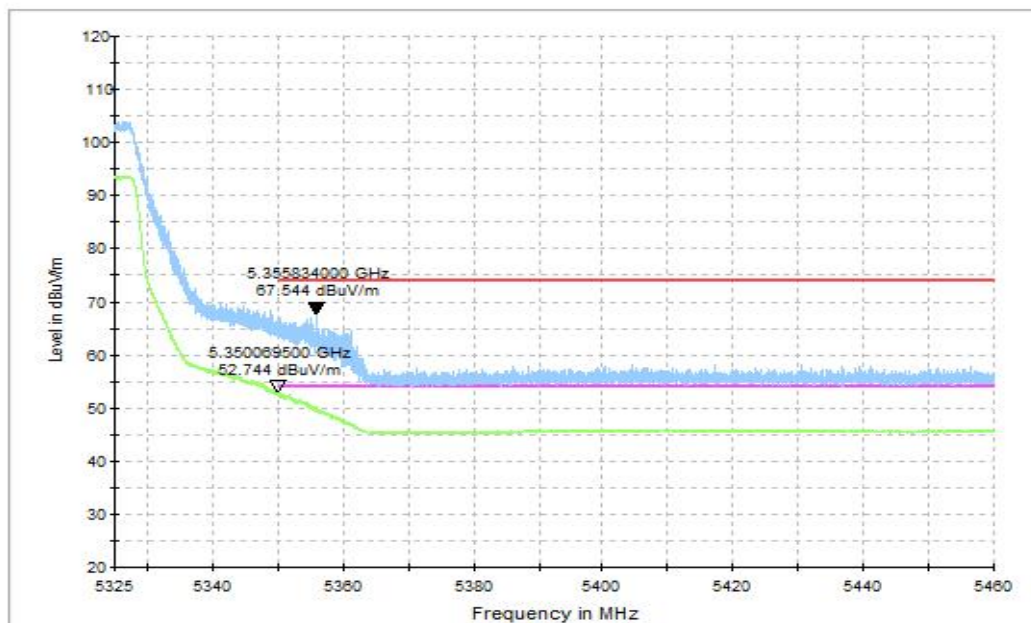


Fig. 18 Band Edges (802.11ac-HT40 Ch62, 5310MHz)

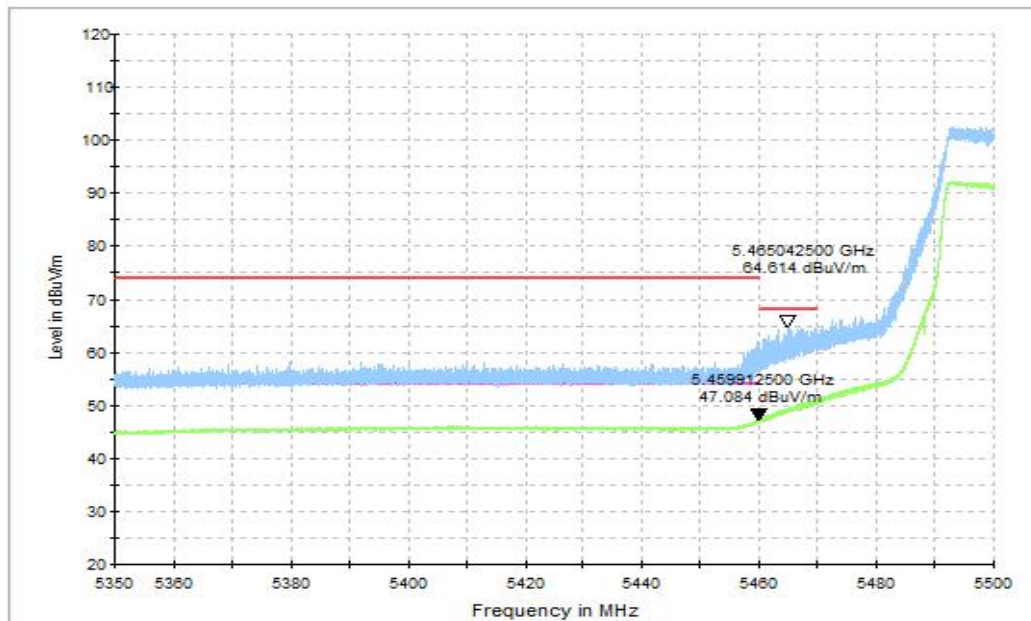


Fig. 19 Band Edges (802.11ac-HT40 Ch102, 5510MHz)

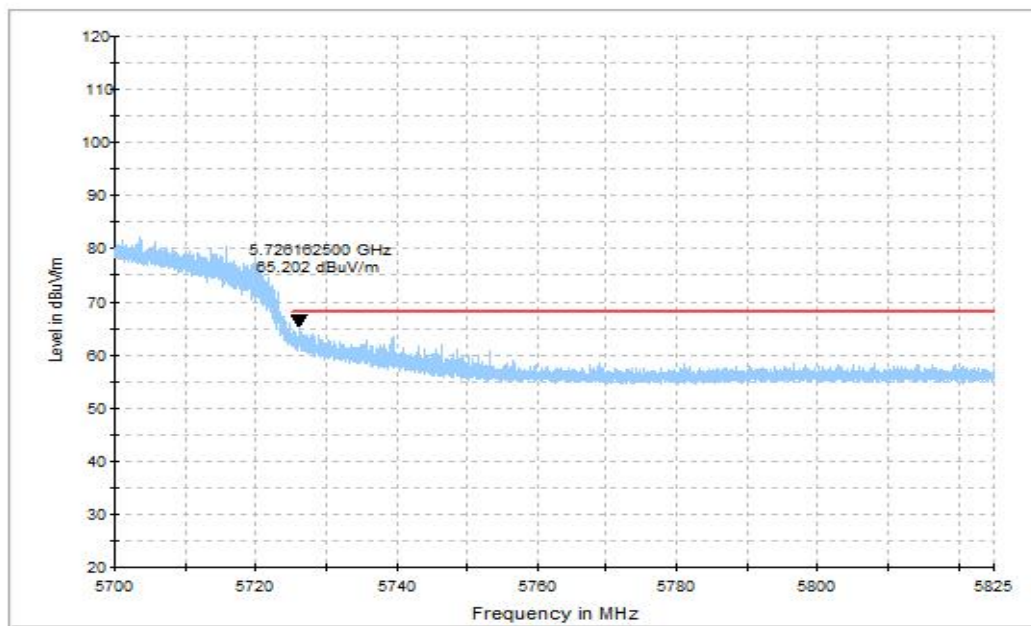


Fig. 20 Band Edges (802.11ac-HT40 Ch134, 5670MHz)

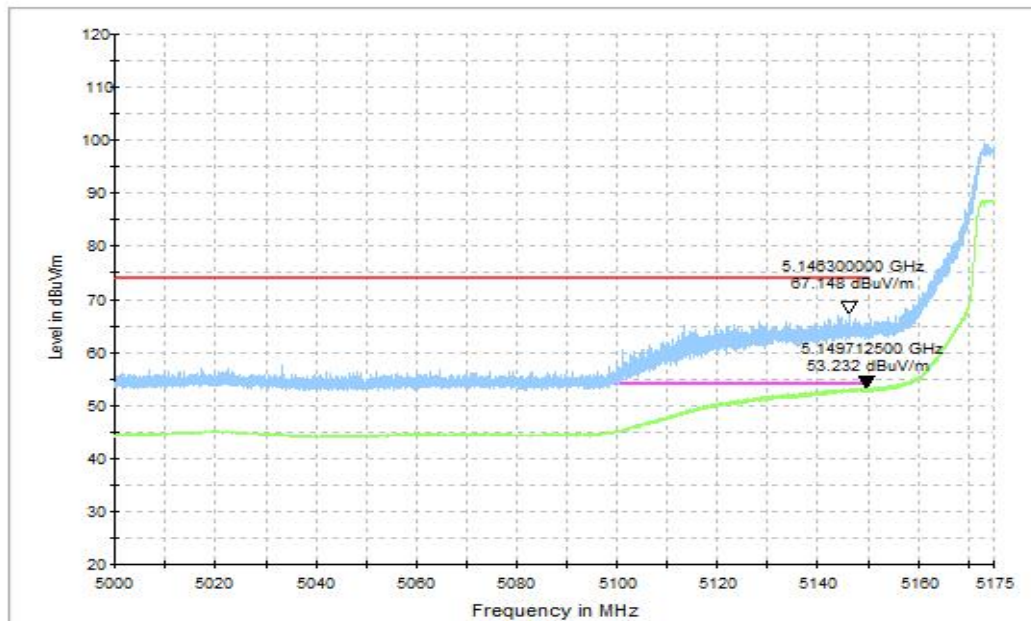


Fig. 21 Band Edges (802.11ac-HT80 Ch42 , 5210MHz)

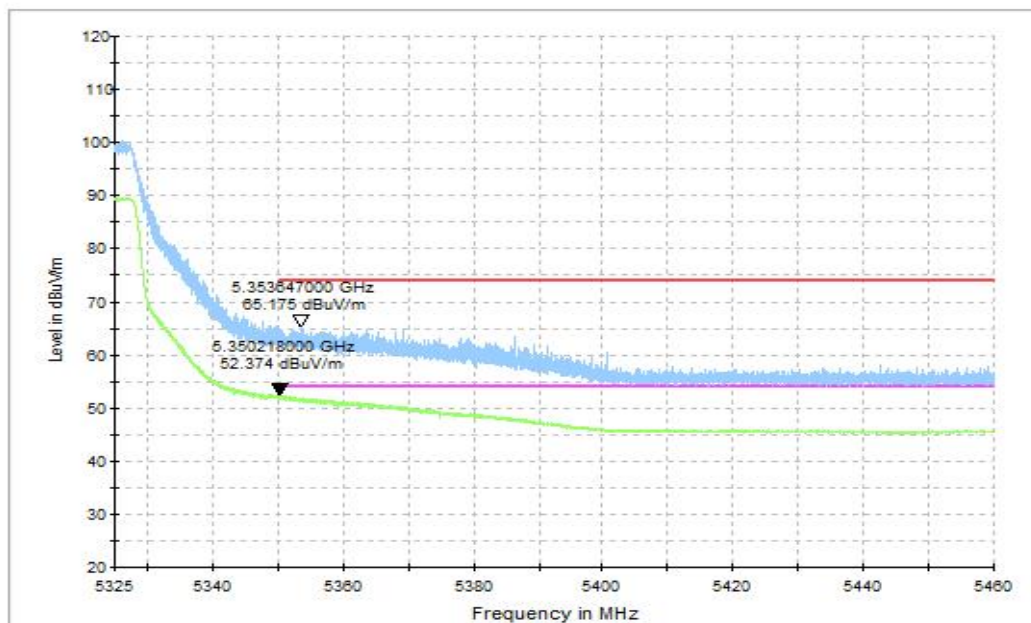


Fig. 22 Band Edges (802.11ac-HT80 Ch58, 5290MHz)

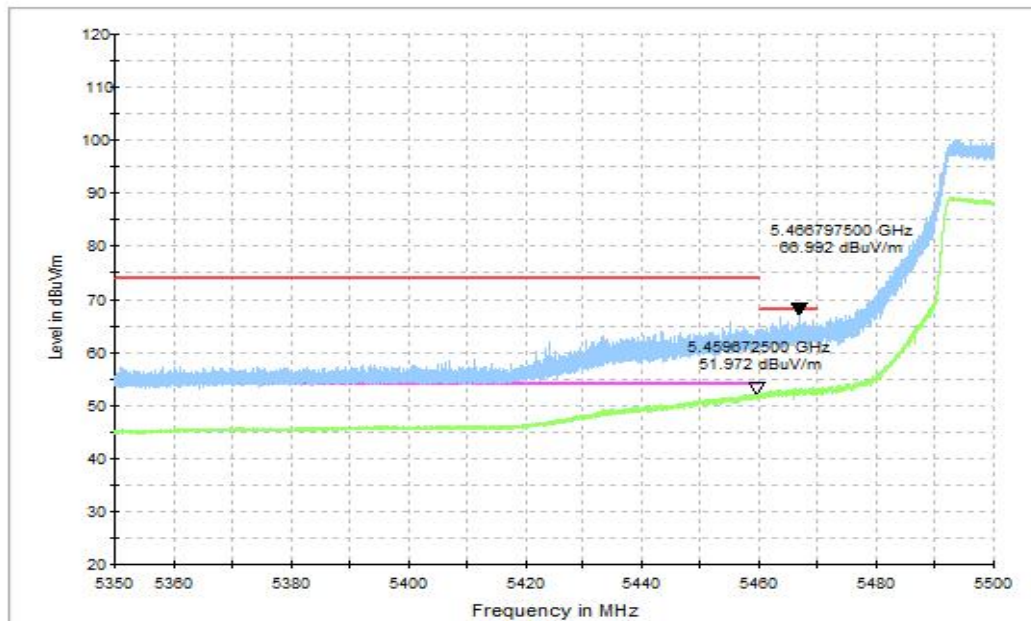


Fig. 23 Band Edges (802.11ac-HT80 Ch106, 5530MHz)

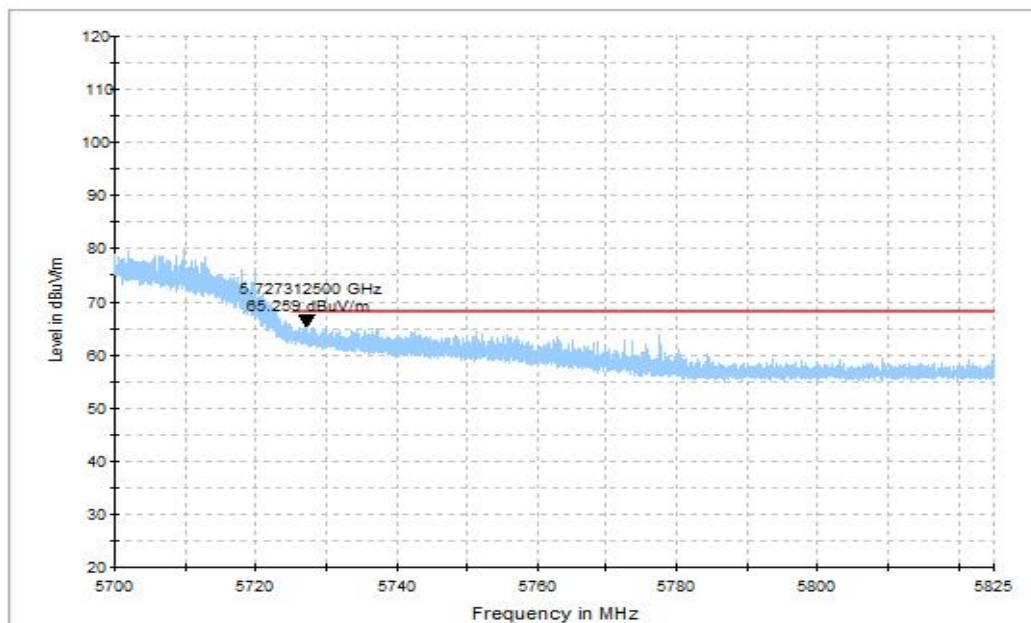


Fig. 24 Band Edges (802.11ac-HT80 Ch122, 5610MHz)

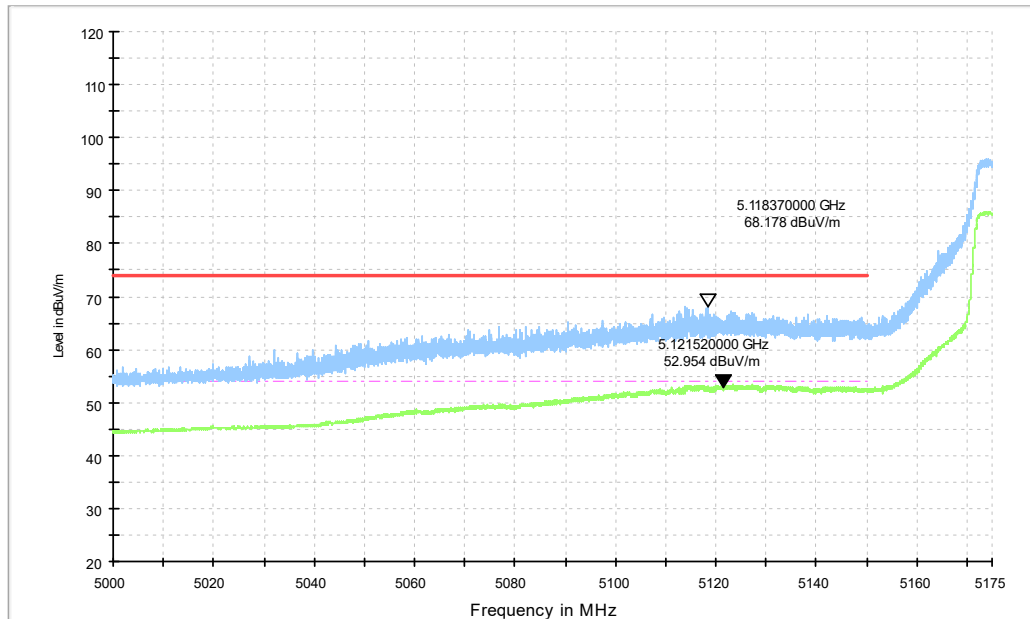


Fig. 25 Band Edges (802.11ac-HT160 Ch50, 5250MHz)

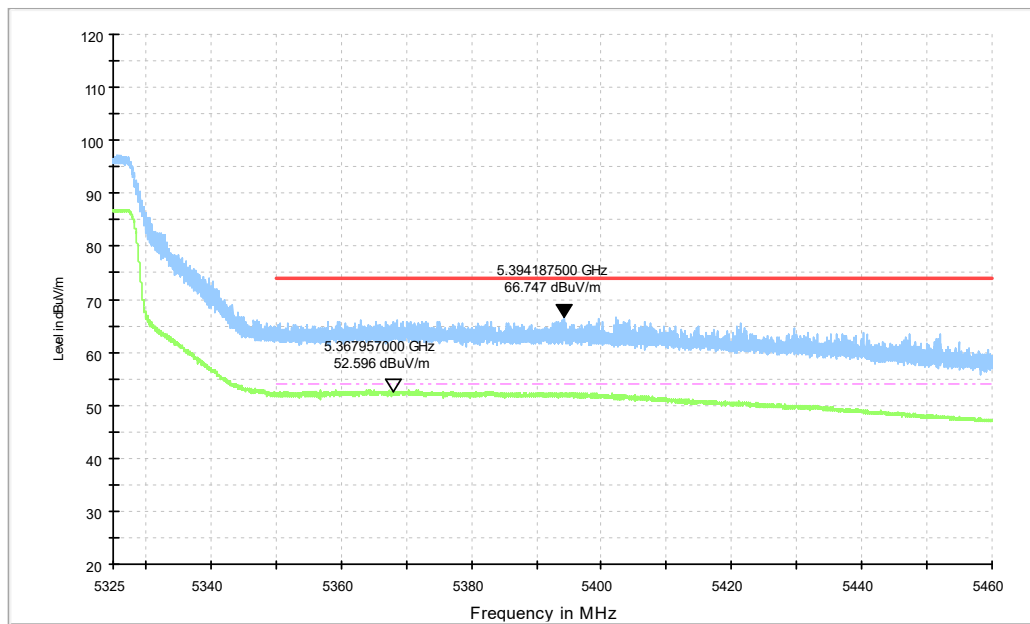


Fig. 26 Band Edges (802.11ac-HT160 Ch50, 5250MHz)

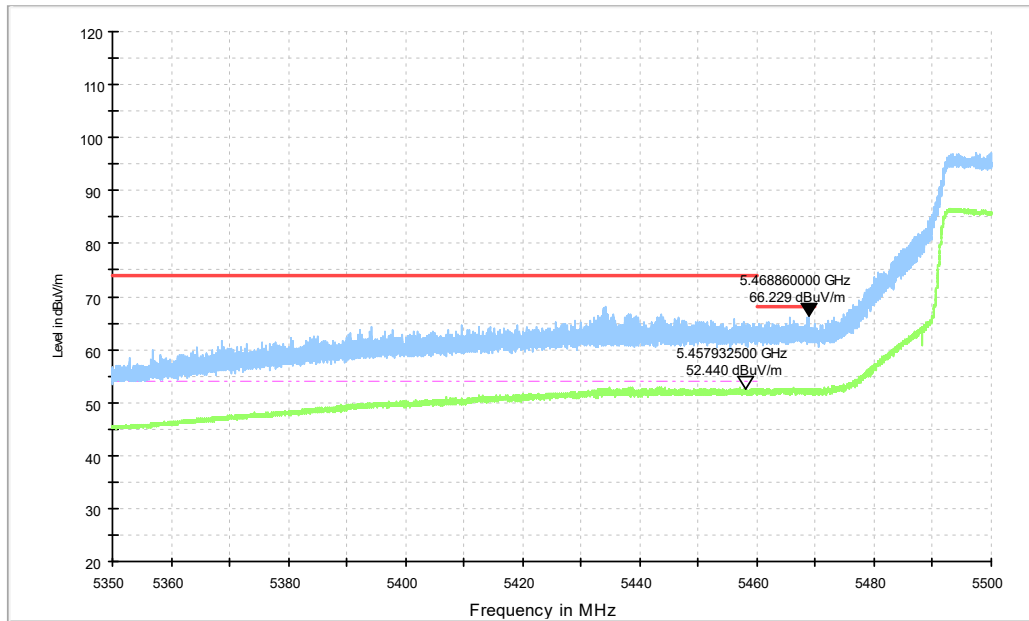


Fig. 27 Band Edges (802.11ac-HT160 Ch114, 5570MHz)

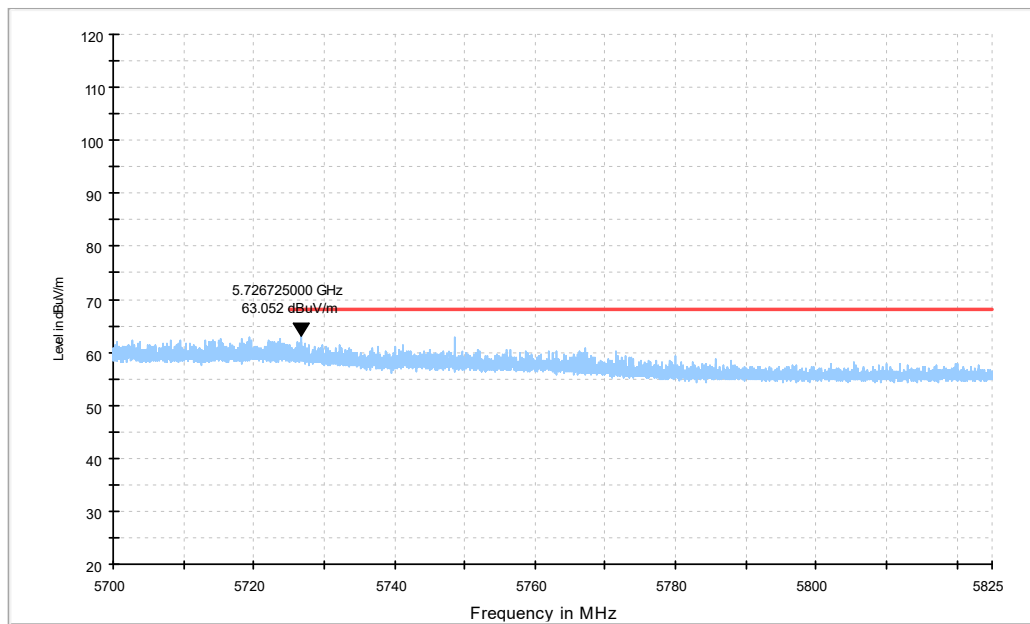


Fig. 28 Band Edges (802.11ac-HT160 Ch114, 5570MHz)

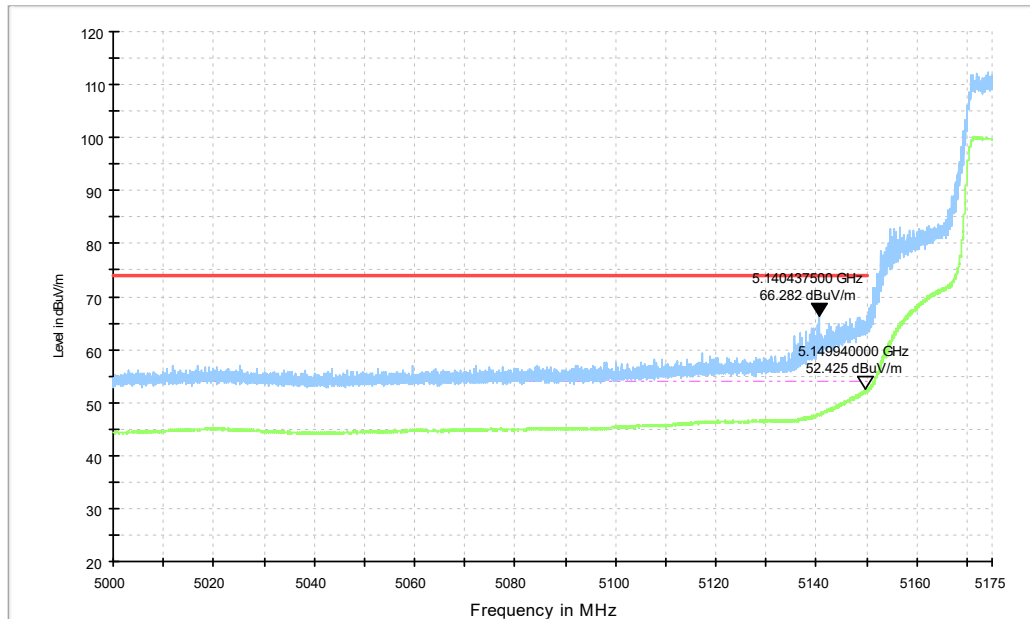


Fig. 29 Band Edges (802.11ax-HT20 Ch36, 5180MHz)

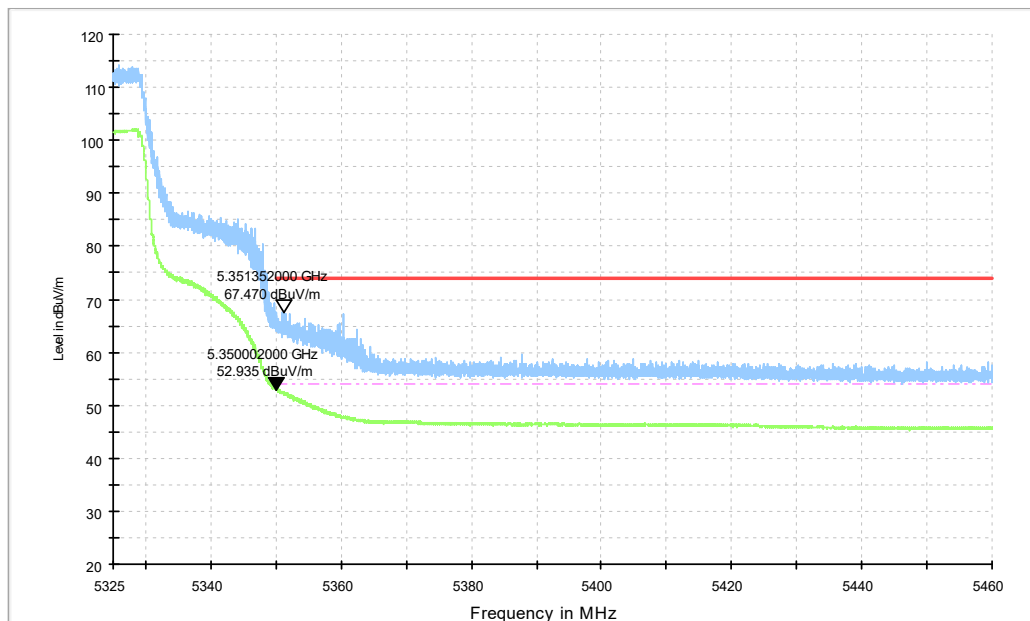


Fig. 30 Band Edges (802.11ax-HT20 Ch64, 5320MHz)

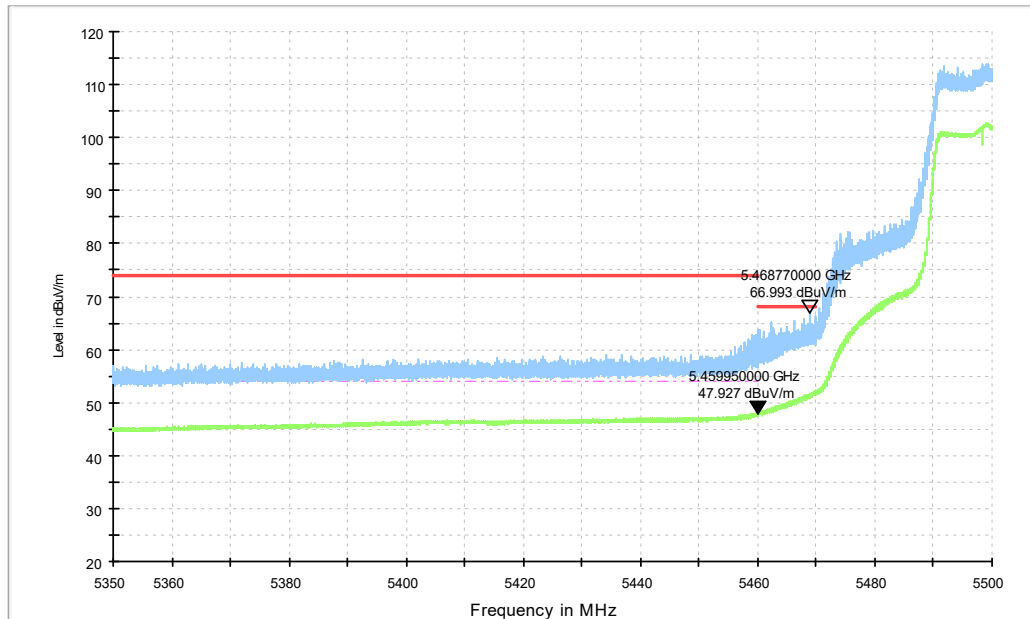


Fig. 31 Band Edges (802.11ax-HT20 Ch100, 5500MHz)

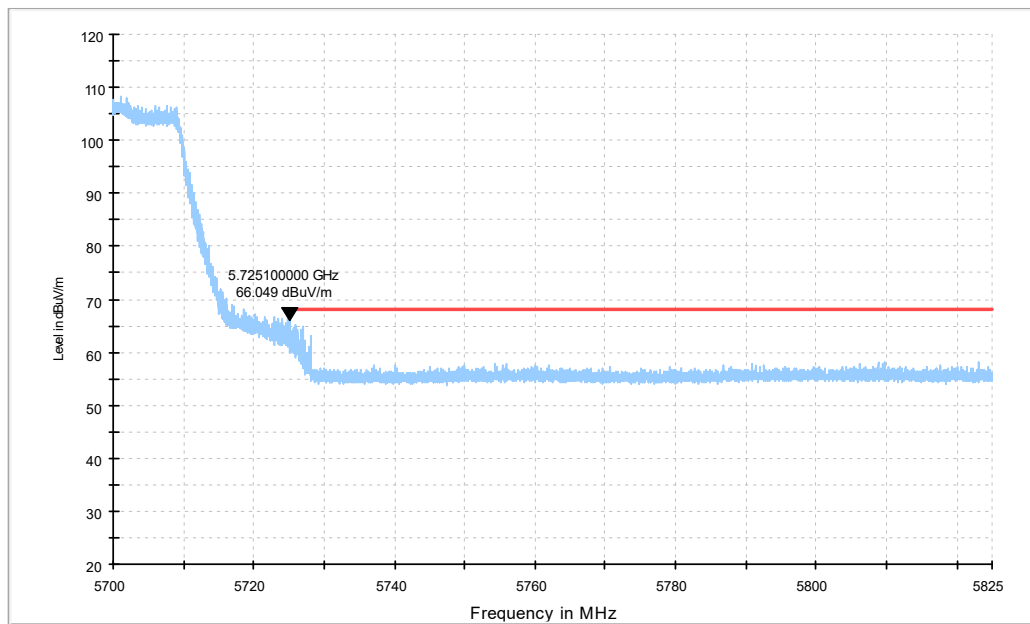


Fig. 32 Band Edges (802.11ax-HT20 Ch140, 5700MHz)

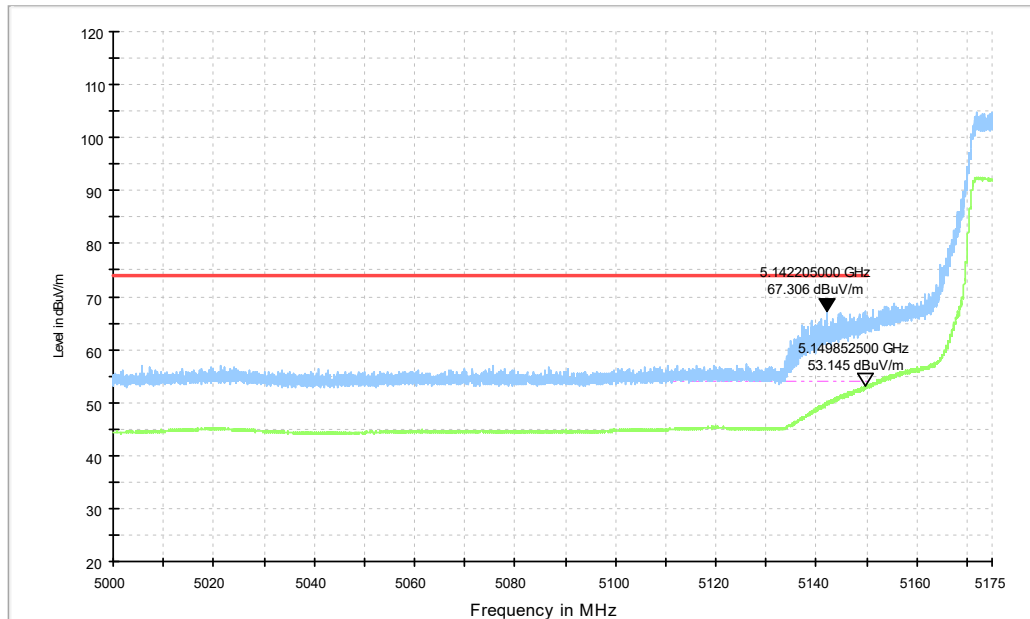


Fig. 33 Band Edges (802.11ax-HT40 Ch38, 5190MHz)

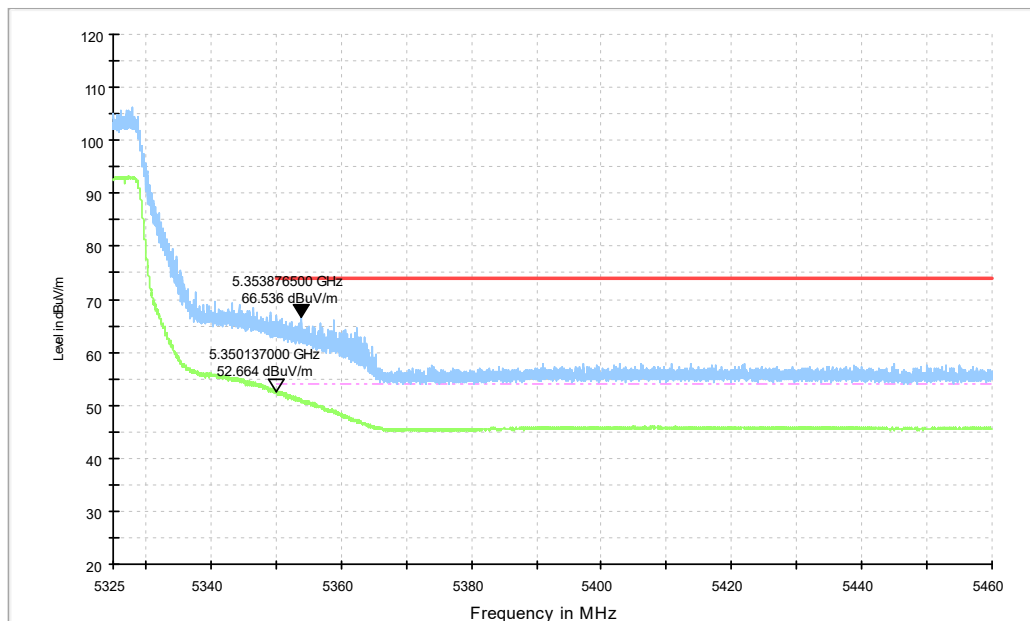


Fig. 34 Band Edges (802.11ax-HT40 Ch62, 5310MHz)

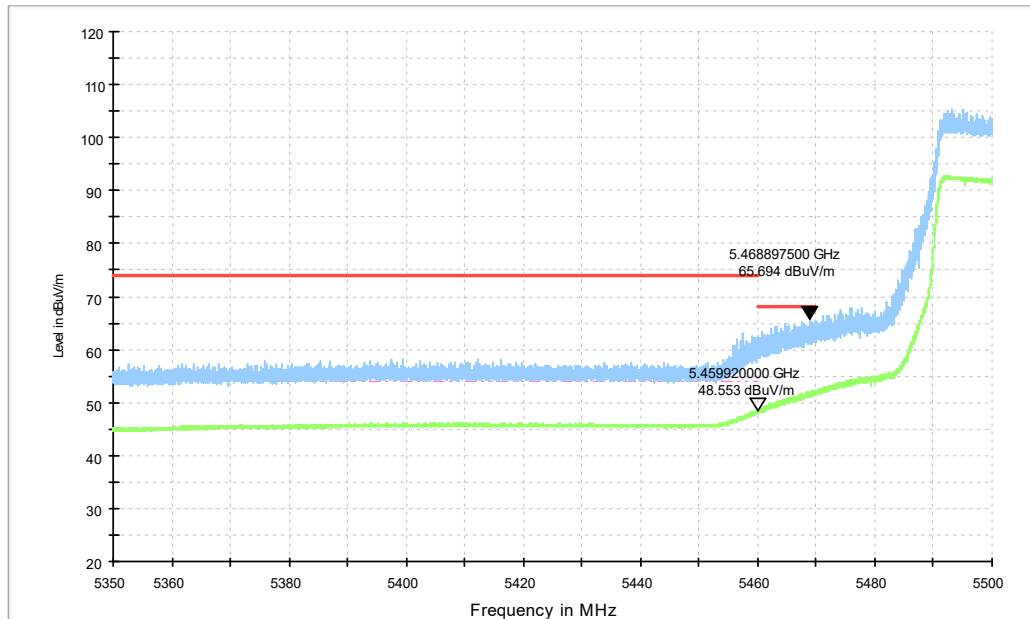


Fig. 35 Band Edges (802.11ax-HT40 Ch102, 5510MHz)

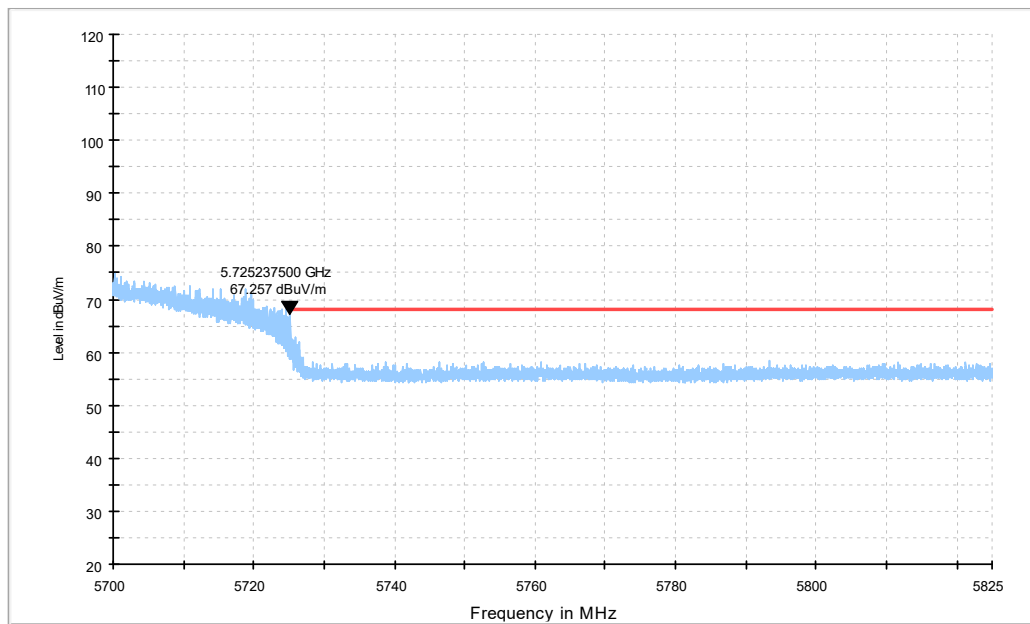


Fig. 36 Band Edges (802.11ax-HT40 Ch134, 5670MHz)

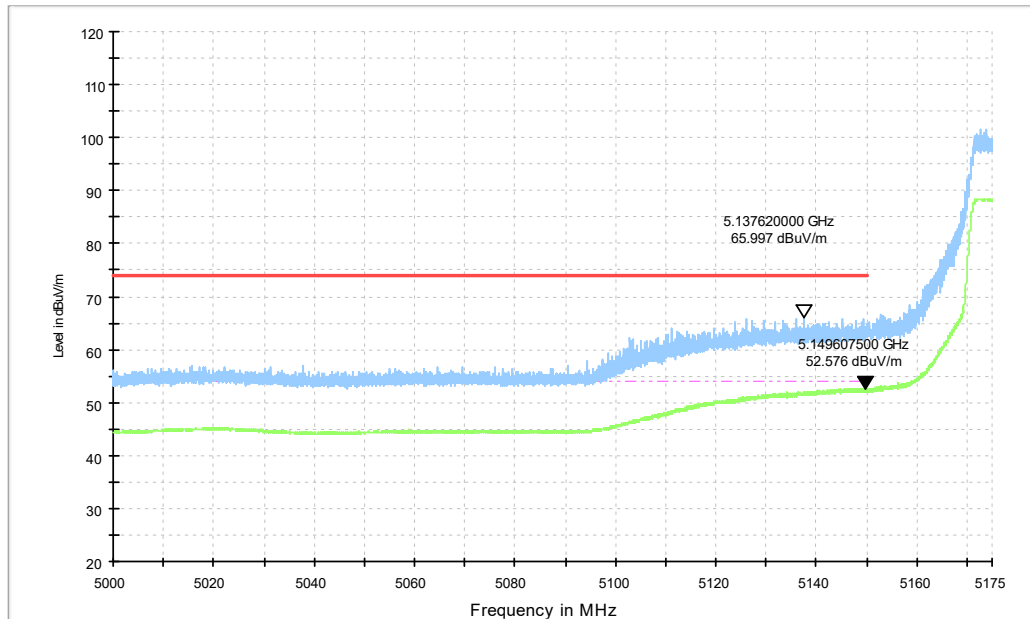


Fig. 37 Band Edges (802.11ax-HT80 Ch42 , 5210MHz)

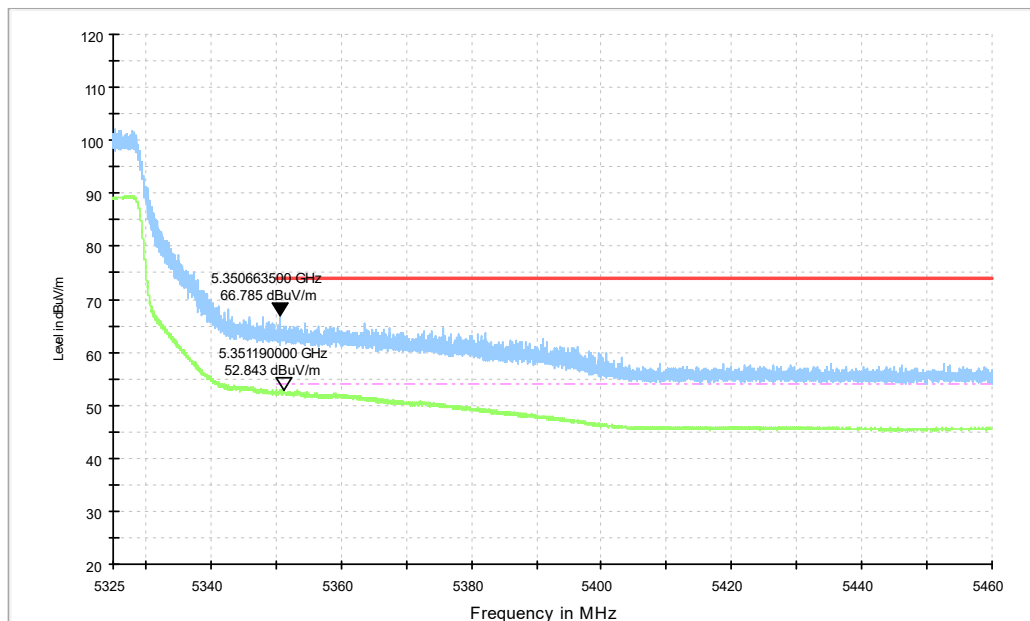


Fig. 38 Band Edges (802.11ax-HT80 Ch58, 5290MHz)

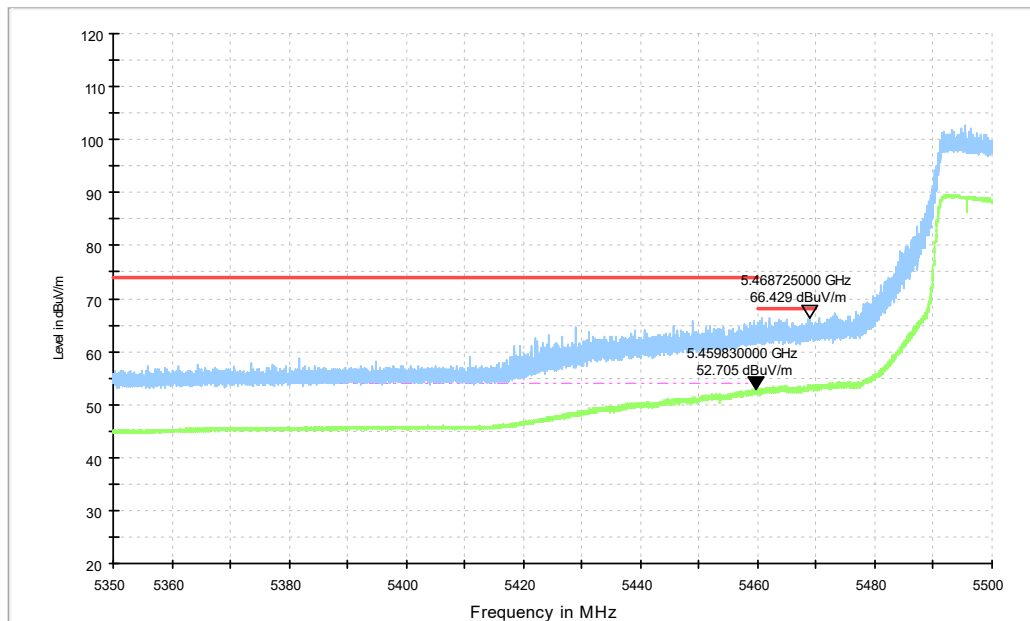


Fig. 39 Band Edges (802.11ax-HT80 Ch106, 5530MHz)

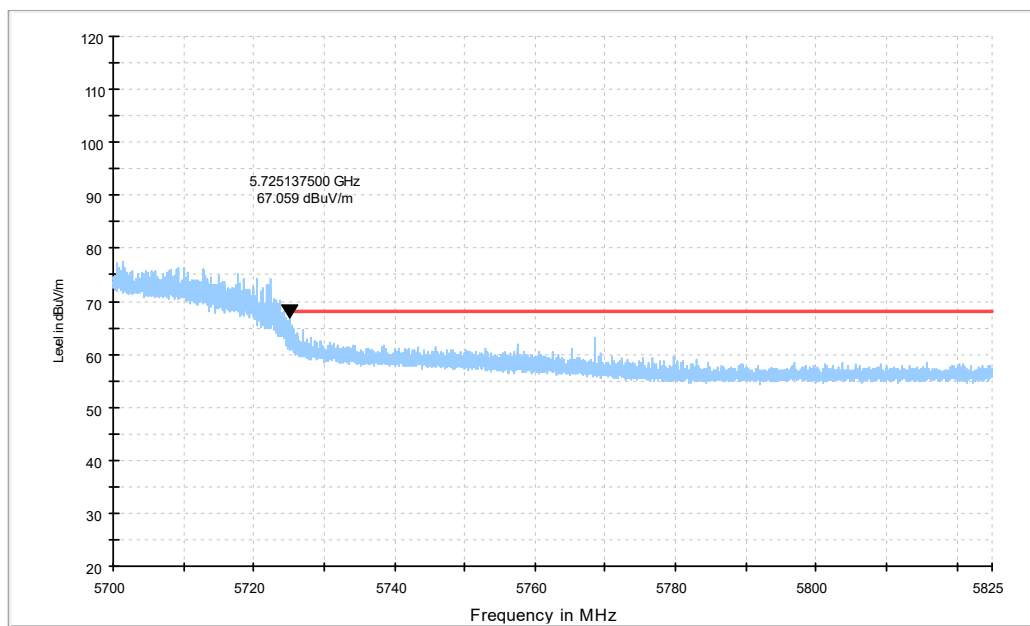


Fig. 40 Band Edges (802.11ax-HT80 Ch122, 5610MHz)

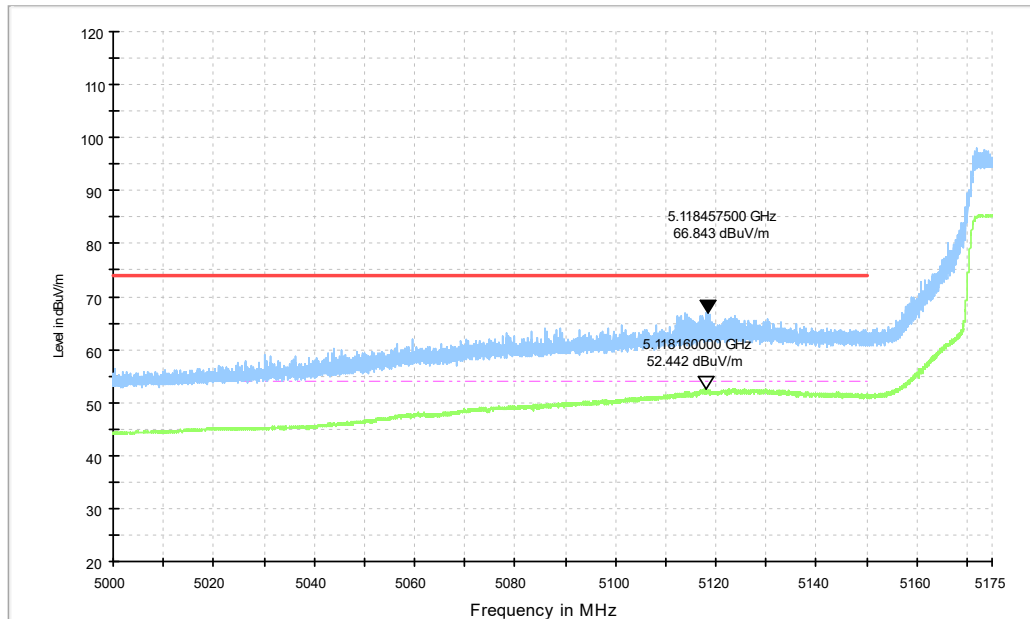


Fig. 41 Band Edges (802.11ax-HT160 Ch50, 5250MHz)

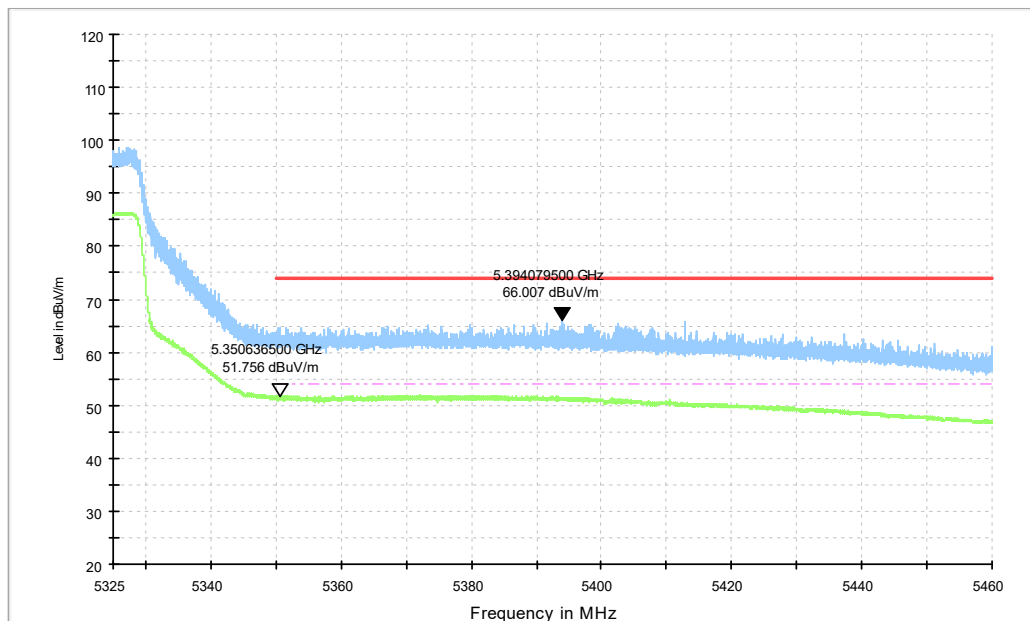


Fig. 42 Band Edges (802.11ax-HT160 Ch50, 5250MHz)

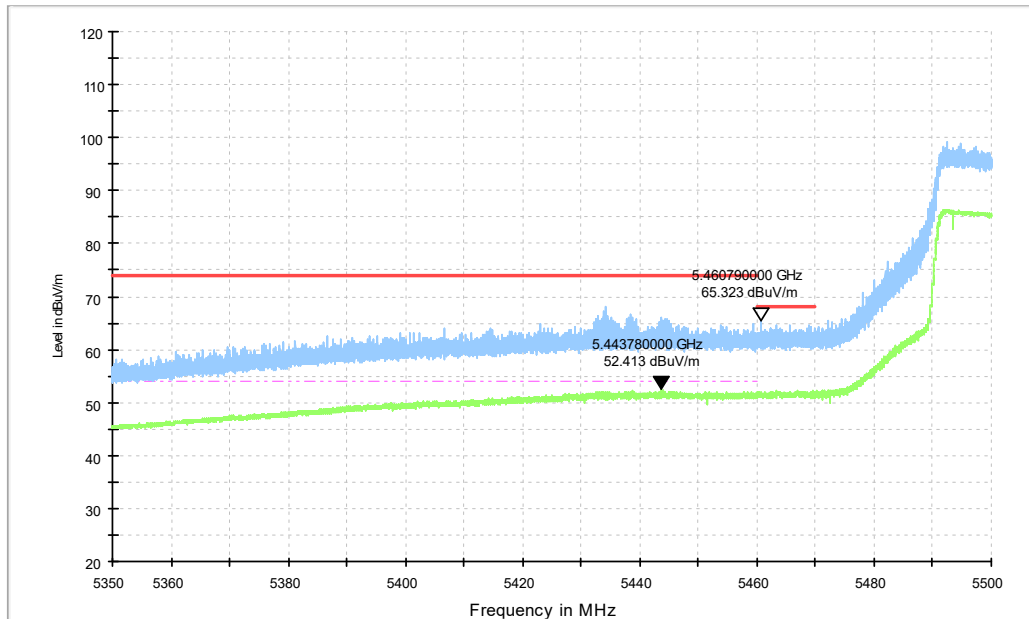


Fig. 43 Band Edges (802.11ax-HT160 Ch114, 5570MHz)

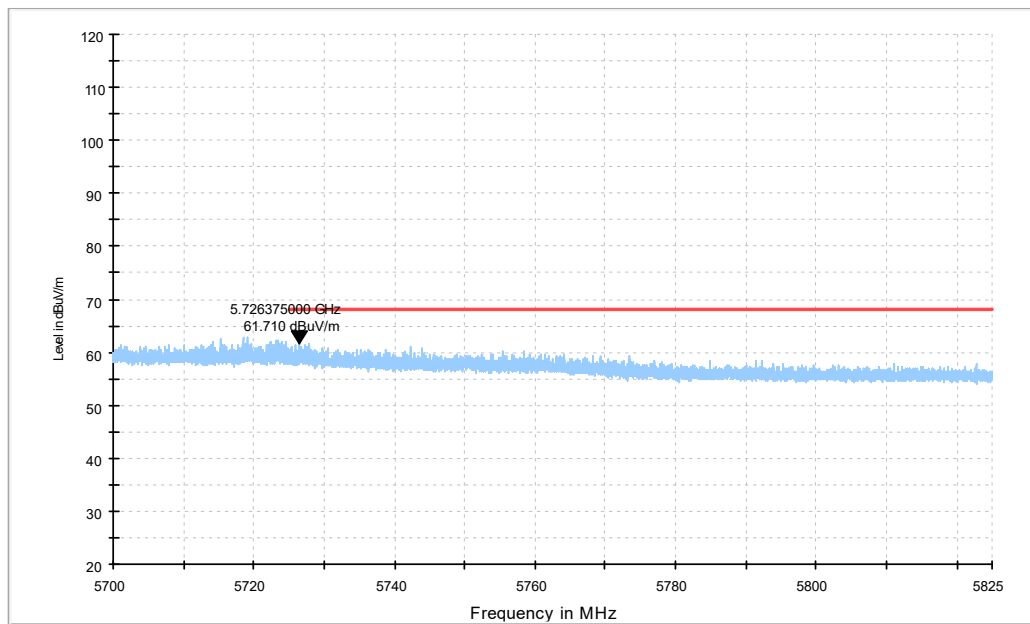


Fig. 44 Band Edges (802.11ax-HT160 Ch114, 5570MHz)

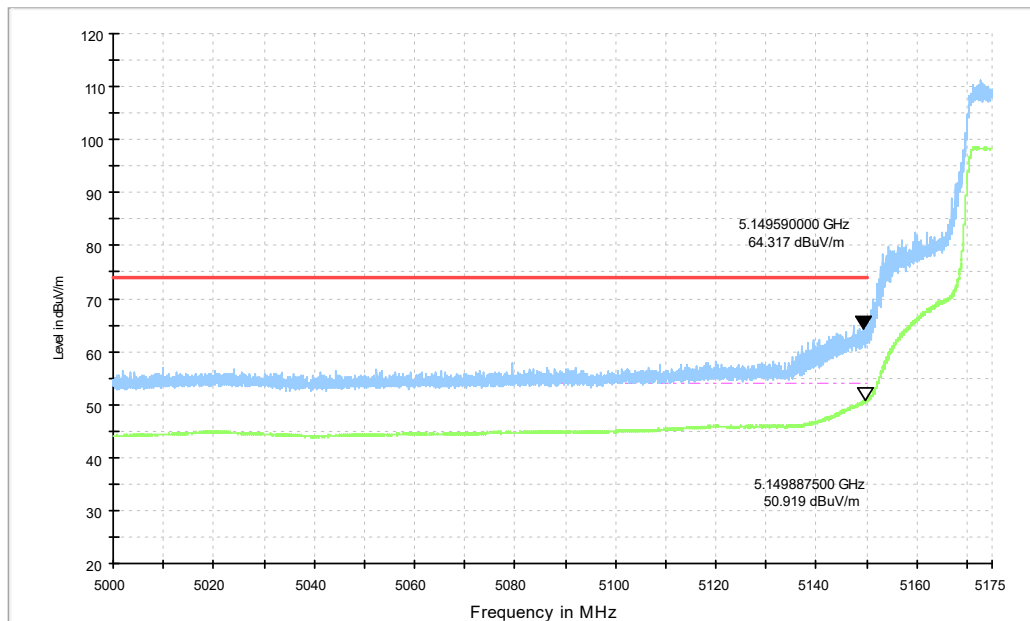


Fig. 45 Band Edges (802.11be-HT20 Ch36, 5180MHz)

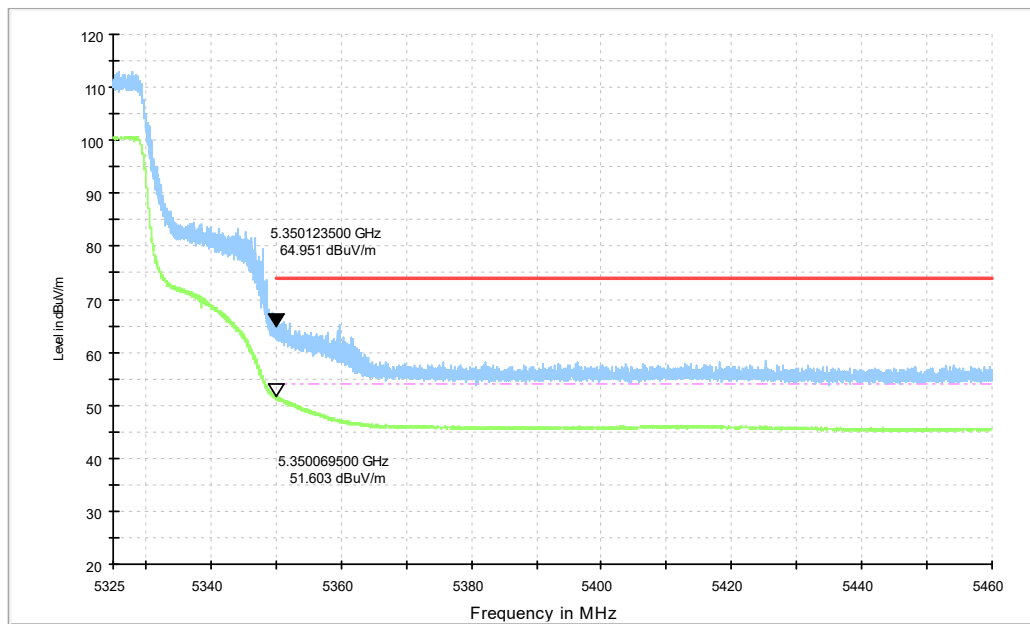


Fig. 46 Band Edges (802.11be-HT20 Ch64, 5320MHz)

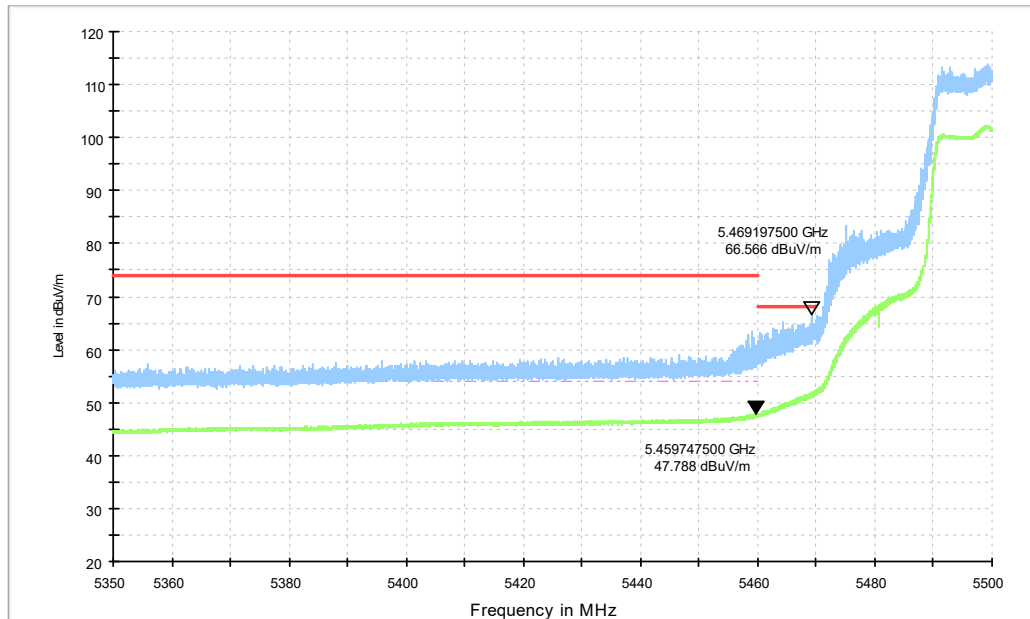


Fig. 47 Band Edges (802.11be-HT20 Ch100, 5500MHz)

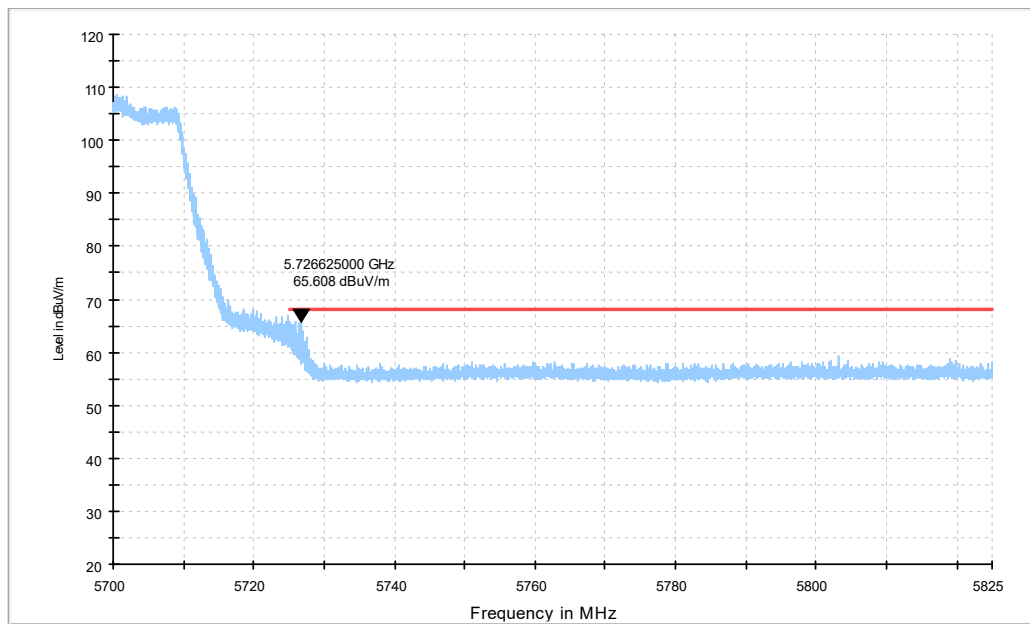


Fig. 48 Band Edges (802.11be-HT20 Ch140, 5700MHz)

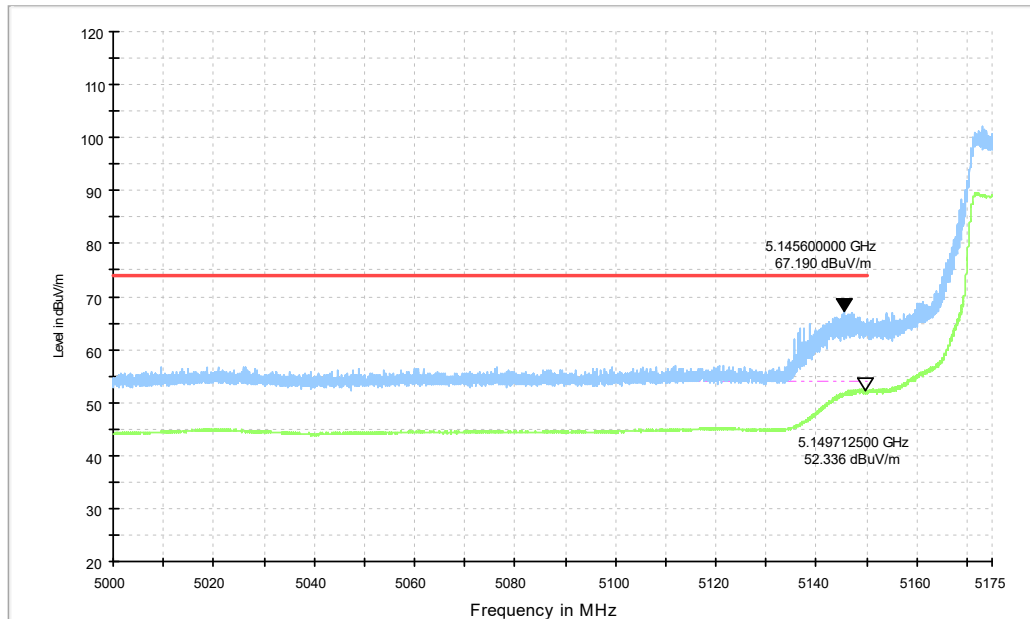


Fig. 49 Band Edges (802.11be-HT40 Ch38, 5190MHz)

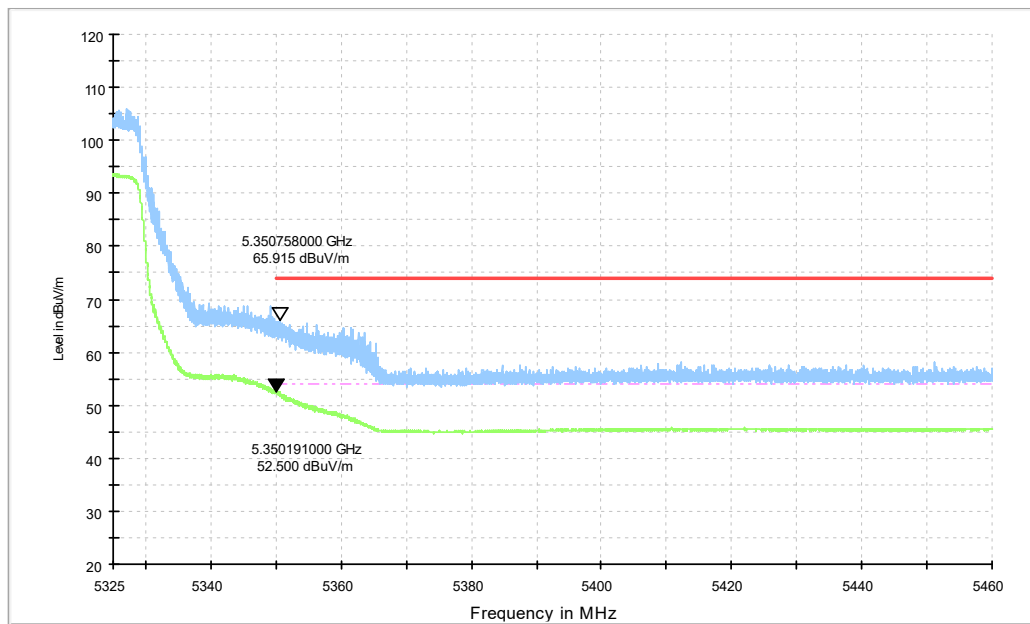


Fig. 50 Band Edges (802.11be-HT40 Ch62, 5310MHz)

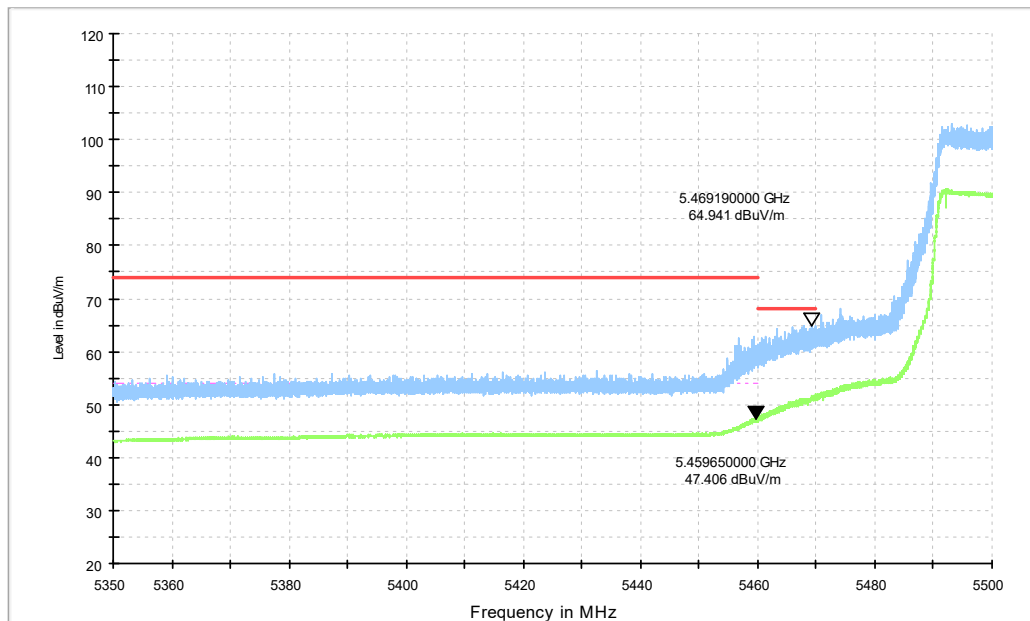


Fig. 51 Band Edges (802.11be-HT40 Ch102, 5510MHz)

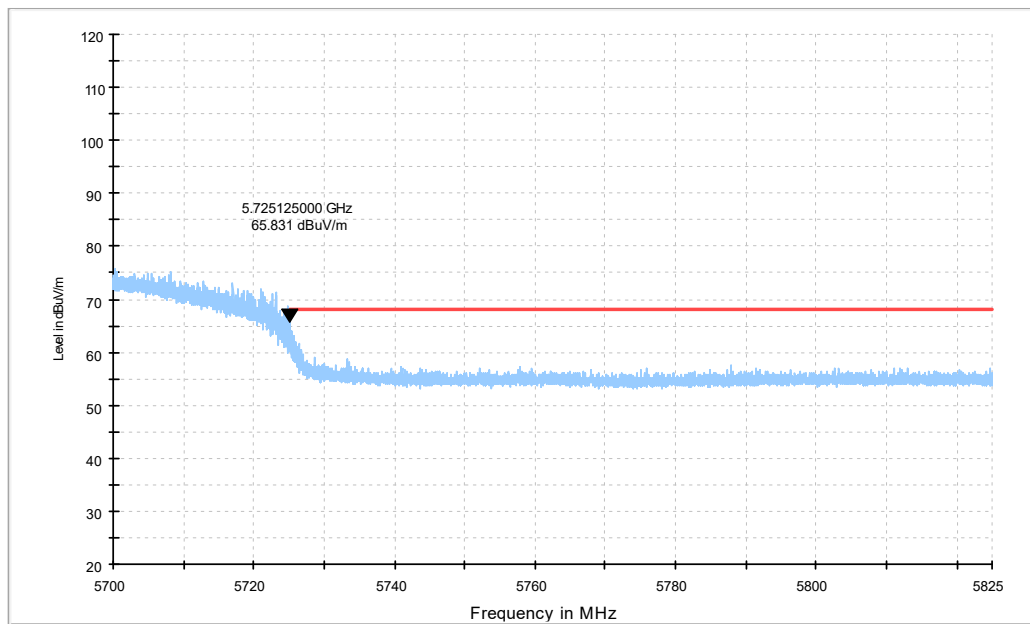


Fig. 52 Band Edges (802.11be-HT40 Ch134, 5670MHz)

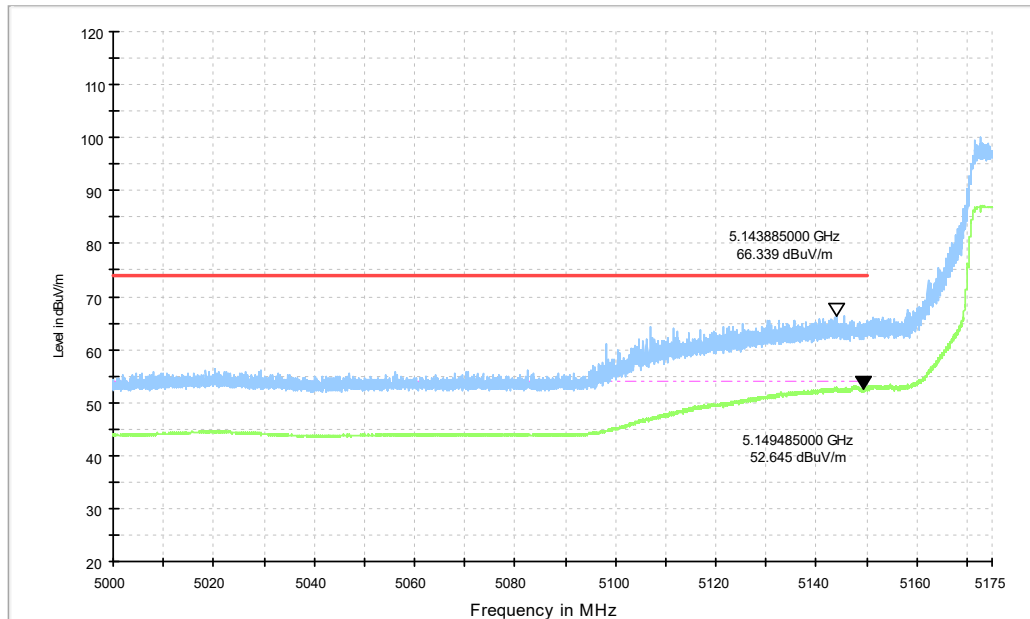


Fig. 53 Band Edges (802.11be-HT80 Ch42 , 5210MHz)

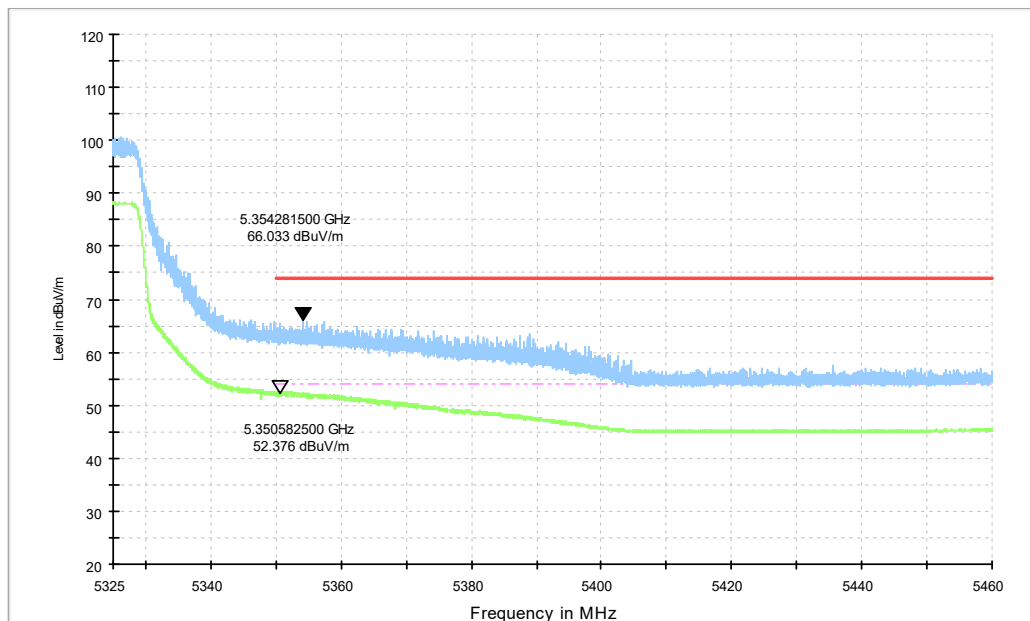


Fig. 54 Band Edges (802.11be-HT80 Ch58, 5290MHz)

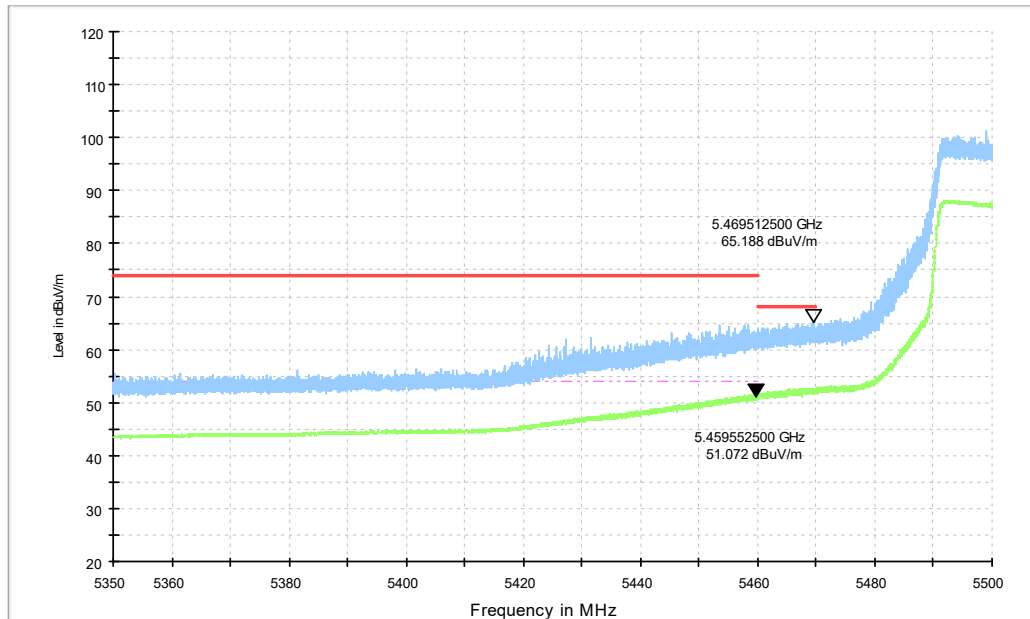


Fig. 55 Band Edges (802.11be-HT80 Ch106, 5530MHz)

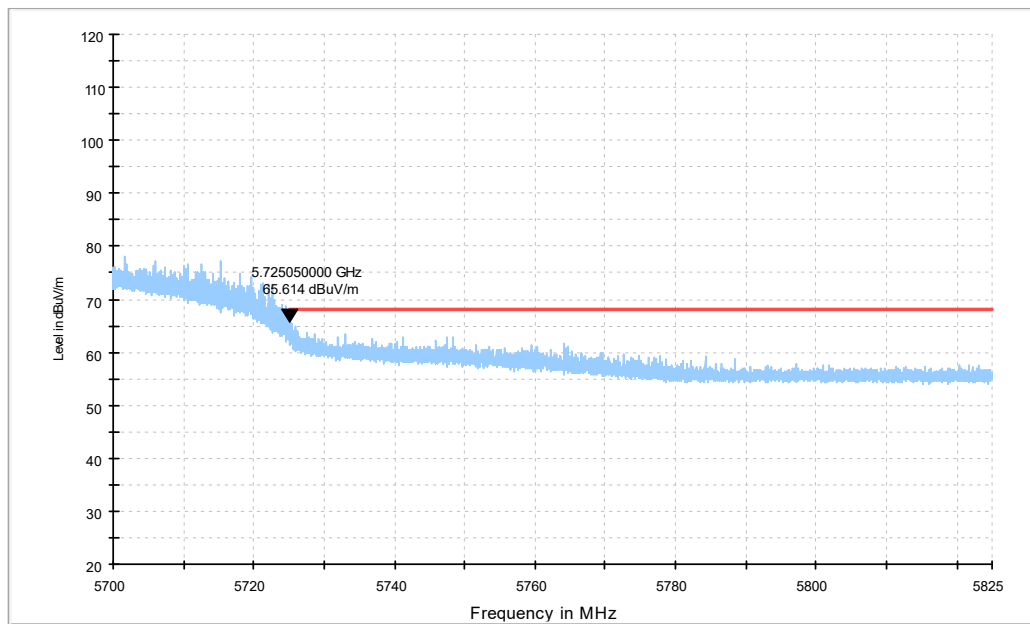


Fig. 56 Band Edges (802.11be-HT80 Ch122, 5610MHz)

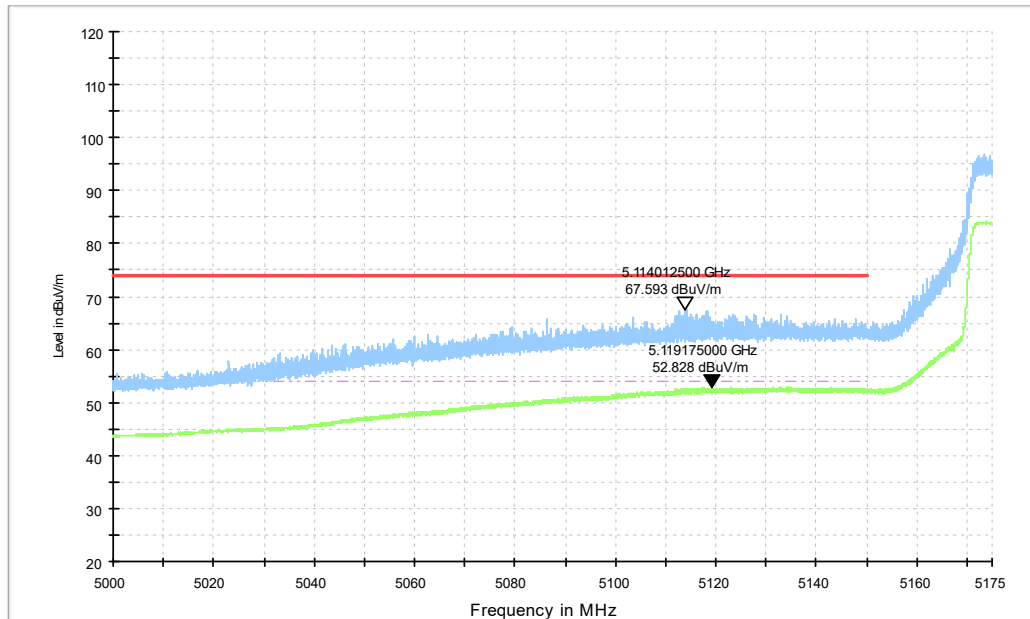


Fig. 57 Band Edges (802.11be-HT160 Ch50, 5250MHz)

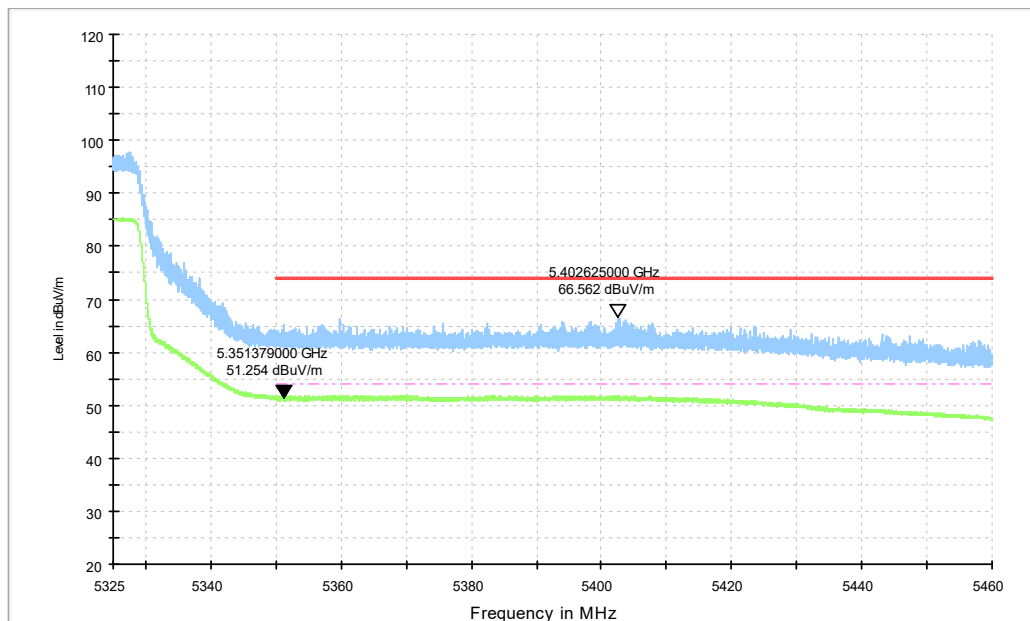


Fig. 58 Band Edges (802.11be-HT160 Ch50, 5250MHz)

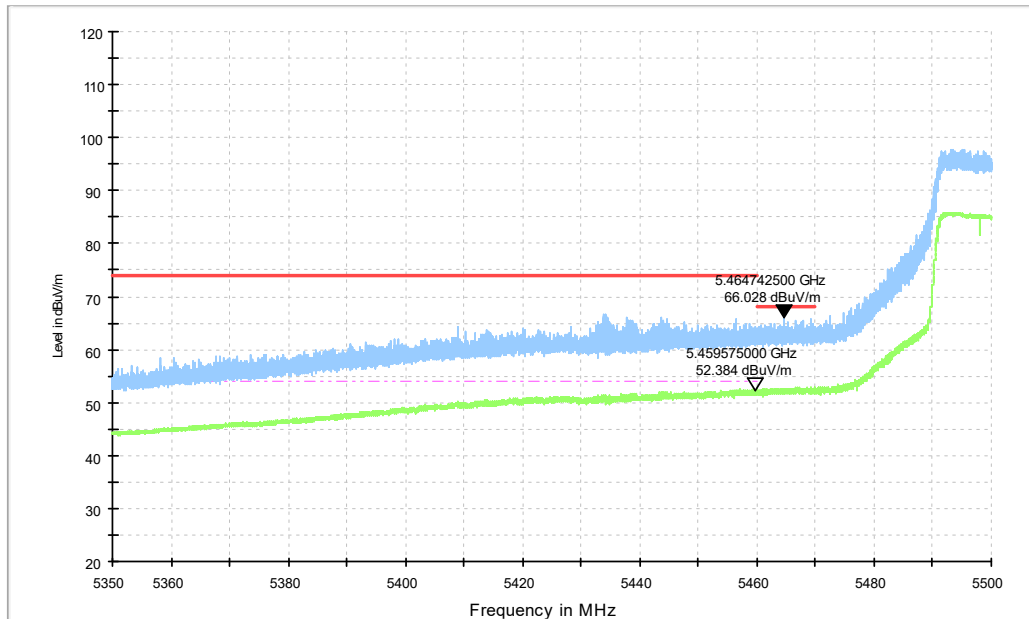


Fig. 59 Band Edges (802.11be-HT160 Ch114, 5570MHz)

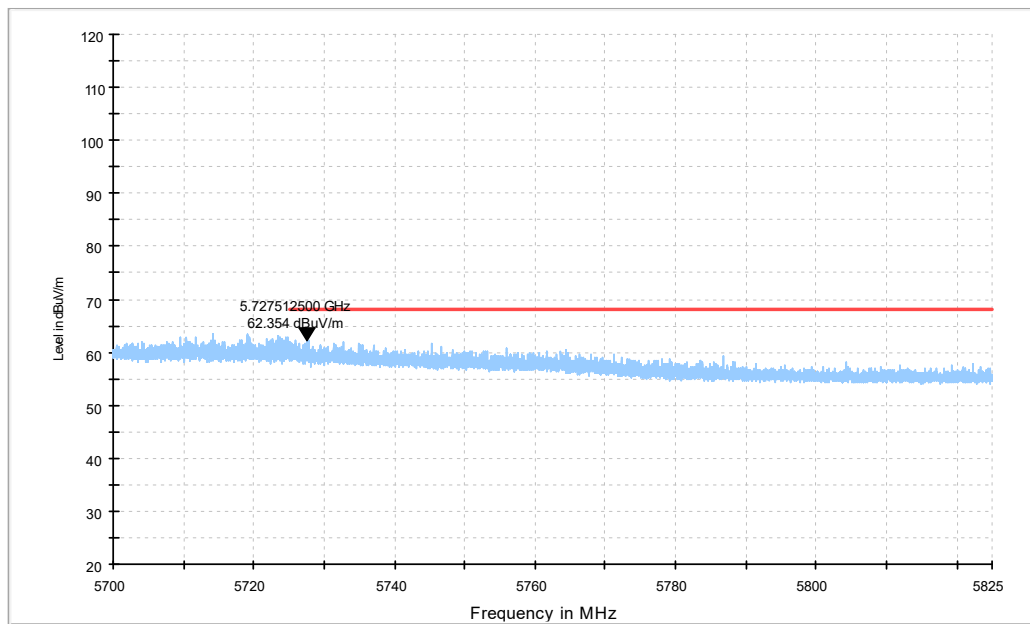


Fig. 60 Band Edges (802.11be-HT160 Ch114, 5570MHz)

A.6. Transmitter Spurious Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407	-27 dBm/MHz

The measurement is made according to KDB 789033

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(dBμV/m)	Measurement distance(m)
30-88	40.0	3
88-216	43.5	3
216-960	46.0	3
Above 960	54.0	3

Note: for frequency range below 960MHz, the limit in 15.209 is defined in 10m test distance. The limit used above is calculated from 10m to 3m

Measurement Results:

Conclusion: PASS

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

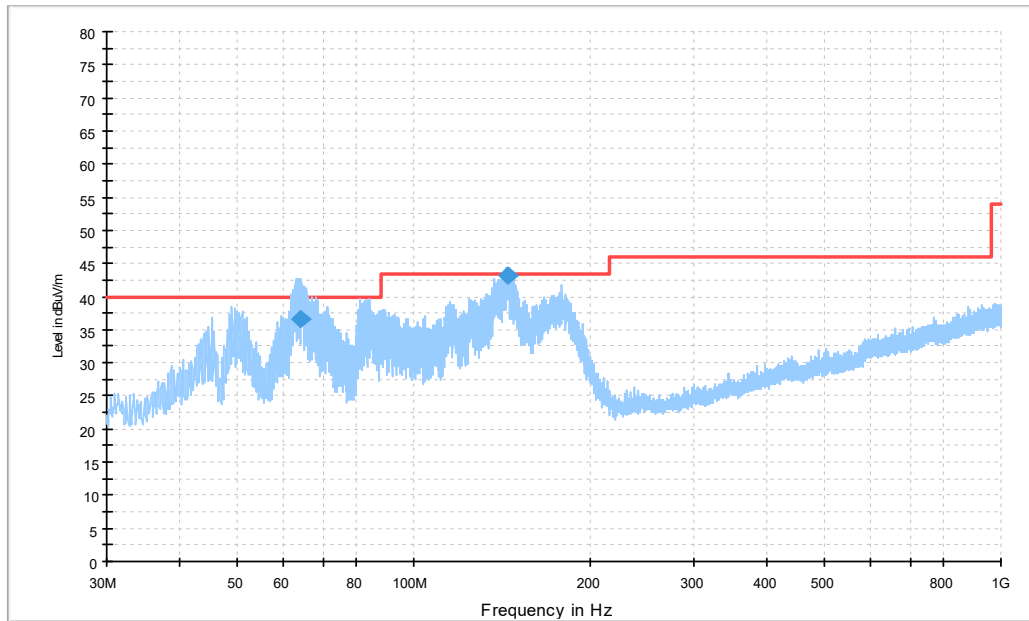
P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

Result= $P_{Mea}+A_{Rpl}= P_{Mea}+Cable\ Loss+Antenna\ Factor$

Note:

1. The spurious emission above 18G is noise only.
2. All emissions below 30MHz are more than 20dB below the limit.
3. All SISO and MIMO emissions have been checked, only the worst cases were reported.



Transmitter Spurious Emission - Radiated (Power): 30MHz - 1GHz

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
63.953000	36.5	100.0	V	254.0	-2.0	3.5	40.0
144.942000	43.2	100.0	V	280.0	-4.7	0.3	43.5

Average Results:

802.11a

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.550	51.11	-23.16	34.00	40.26	54.00	2.89	H
5150.000	51.55	-23.16	34.00	40.71	54.00	2.45	H
11199.800	34.91	-27.81	38.00	24.72	54.00	19.09	H
15539.850	37.08	-24.38	40.40	21.06	54.00	16.92	V
17869.650	39.05	-21.33	40.53	19.84	54.00	14.95	V
17948.850	39.13	-20.89	40.55	19.47	54.00	14.87	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.36	-23.09	34.10	40.35	54.00	2.64	H
5350.700	50.81	-23.08	34.10	39.79	54.00	3.19	H
10639.900	33.64	-29.12	37.64	25.12	54.00	20.36	H
15960.050	37.50	-23.44	40.84	20.10	54.00	16.50	H
17883.400	38.94	-20.96	40.52	19.38	54.00	15.06	V
17949.400	39.01	-20.86	40.55	19.32	54.00	14.99	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5450.450	46.55	-22.60	34.50	34.65	54.00	7.45	H
5459.600	46.72	-22.48	34.46	34.74	54.00	7.28	H
11000.150	34.30	-28.94	37.90	25.34	54.00	19.70	H
16165.750	38.48	-22.63	40.97	20.14	54.00	15.52	H
17881.750	38.95	-20.96	40.52	19.39	54.00	15.05	V
17952.700	39.01	-20.86	40.55	19.32	54.00	14.99	V

Average Results:
802.11n-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.950	50.37	-23.15	34.00	39.52	54.00	3.63	H
5150.000	50.86	-23.16	34.00	40.03	54.00	3.14	H
11950.000	35.35	-27.55	38.80	24.10	54.00	18.65	H
15539.850	37.03	-24.38	40.40	21.01	54.00	16.97	H
17888.350	39.03	-20.98	40.51	19.50	54.00	14.97	V
17951.600	39.18	-20.85	40.55	19.48	54.00	14.82	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.29	-23.09	34.10	40.28	54.00	2.71	H
5351.300	50.57	-23.06	34.11	39.53	54.00	3.43	H
10640.000	34.10	-29.12	37.64	25.58	54.00	19.90	H
15960.000	37.37	-23.44	40.84	19.97	54.00	16.63	V
17888.000	39.21	-20.98	40.51	19.67	54.00	14.79	H
17950.400	39.29	-20.83	40.55	19.57	54.00	14.71	V

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5452.100	46.22	-22.58	34.49	34.31	54.00	7.78	H
5459.900	46.51	-22.48	34.46	34.53	54.00	7.49	H
11000.000	34.76	-28.94	37.90	25.81	54.00	19.24	H
16152.800	38.00	-22.99	40.99	20.00	54.00	16.00	V
17884.000	39.15	-20.96	40.52	19.60	54.00	14.85	V
17952.800	39.24	-20.86	40.55	19.55	54.00	14.76	H

Average Results:
802.11n-HT40
Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.050	50.65	-23.14	34.00	39.79	54.00	3.35	H
5150.000	51.28	-23.16	34.00	40.44	54.00	2.72	H
11990.400	36.03	-27.85	38.88	25.01	54.00	17.97	H
15570.400	37.00	-24.27	40.40	20.87	54.00	17.00	V
17880.800	39.39	-20.95	40.52	19.82	54.00	14.61	V
17951.200	39.57	-20.84	40.55	19.86	54.00	14.43	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.84	-23.09	34.10	40.83	54.00	2.16	H
5350.850	51.47	-23.07	34.10	40.44	54.00	2.53	H
10620.000	34.32	-29.25	37.62	25.95	54.00	19.68	H
15930.400	37.19	-23.86	40.87	20.18	54.00	16.81	H
17881.600	39.34	-20.96	40.52	19.78	54.00	14.66	V
17948.800	39.50	-20.90	40.55	19.85	54.00	14.50	V

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5458.550	46.21	-22.50	34.47	34.24	54.00	7.79	H
5459.900	46.63	-22.48	34.46	34.65	54.00	7.37	H
11060.100	34.64	-28.82	37.84	25.62	54.00	19.36	H
16160.800	38.49	-22.75	40.98	20.26	54.00	15.51	H
17885.600	39.59	-20.97	40.51	20.04	54.00	14.41	H
17950.500	39.66	-20.83	40.55	19.94	54.00	14.34	V

Average Results:
802.11ac-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.950	49.95	-23.15	34.00	39.10	54.00	4.05	H
5150.000	50.49	-23.16	34.00	39.66	54.00	3.51	H
11959.350	36.41	-27.73	38.82	25.32	54.00	17.59	H
15539.850	37.36	-24.38	40.40	21.34	54.00	16.64	V
17888.350	39.47	-20.98	40.51	19.93	54.00	14.53	V
17950.500	39.71	-20.83	40.55	19.99	54.00	14.29	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.24	-23.09	34.10	40.23	54.00	2.76	H
5350.850	50.80	-23.07	34.10	39.77	54.00	3.20	H
10639.900	34.70	-29.12	37.64	26.18	54.00	19.30	H
15960.050	38.05	-23.44	40.84	20.65	54.00	15.95	V
17891.100	39.44	-21.00	40.51	19.93	54.00	14.56	H
17954.350	39.58	-20.88	40.55	19.91	54.00	14.42	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5451.950	51.16	-22.58	34.49	39.25	54.00	2.84	H
5459.750	51.29	-22.48	34.46	39.31	54.00	2.71	H
11139.850	35.26	-28.55	37.88	25.93	54.00	18.74	H
16160.250	38.68	-22.76	40.98	20.46	54.00	15.32	H
17882.850	39.30	-20.96	40.52	19.75	54.00	14.70	V
17952.700	39.50	-20.86	40.55	19.81	54.00	14.50	H

Average Results:
802.11ac-HT40
Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.800	50.71	-23.15	34.00	39.86	54.00	3.29	H
5150.000	51.19	-23.16	34.00	40.35	54.00	2.81	H
11950.000	36.28	-27.55	38.80	25.03	54.00	17.72	H
15570.100	37.19	-24.28	40.40	21.07	54.00	16.81	V
17890.550	39.33	-20.99	40.51	19.81	54.00	14.67	V
17948.850	39.52	-20.89	40.55	19.86	54.00	14.48	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.64	-23.09	34.10	40.63	54.00	2.36	H
5351.750	50.83	-23.05	34.11	39.78	54.00	3.17	H
10620.100	34.70	-29.25	37.62	26.33	54.00	19.30	H
15929.800	37.48	-23.86	40.87	20.47	54.00	16.52	H
17888.350	39.39	-20.98	40.51	19.86	54.00	14.61	H
17948.850	39.46	-20.89	40.55	19.80	54.00	14.54	V

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5458.550	46.29	-22.50	34.47	34.32	54.00	7.71	H
5459.900	46.72	-22.48	34.46	34.73	54.00	7.28	H
11019.950	34.94	-28.91	37.88	25.98	54.00	19.06	H
16161.350	38.78	-22.73	40.98	20.54	54.00	15.22	V
17889.450	39.45	-20.98	40.51	19.92	54.00	14.55	H
17949.400	39.71	-20.86	40.55	20.02	54.00	14.29	H

Average Results:
802.11ac-HT80
Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5147.450	51.03	-23.13	34.00	40.16	54.00	2.97	H
5150.000	51.06	-23.16	34.00	40.22	54.00	2.94	H
11205.300	35.89	-27.95	37.99	25.85	54.00	18.11	V
15630.050	37.27	-24.00	40.46	20.81	54.00	16.73	V
17879.000	39.31	-20.99	40.52	19.78	54.00	14.69	H
17952.700	39.38	-20.86	40.55	19.68	54.00	14.62	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.700	51.25	-23.08	34.10	40.22	54.00	2.75	H
5351.900	51.04	-23.05	34.11	39.98	54.00	2.96	H
12002.250	36.31	-27.88	38.90	25.29	54.00	17.69	V
15869.850	38.28	-23.12	40.87	20.53	54.00	15.72	H
17887.800	39.32	-20.98	40.51	19.78	54.00	14.68	H
17951.050	39.57	-20.84	40.55	19.86	54.00	14.43	V

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5456.450	50.37	-22.52	34.47	38.42	54.00	3.63	H
5459.900	50.87	-22.48	34.46	38.89	54.00	3.13	H
11060.100	34.76	-28.82	37.84	25.74	54.00	19.24	V
16163.000	38.96	-22.69	40.97	20.68	54.00	15.04	H
17885.600	39.25	-20.97	40.51	19.70	54.00	14.75	H
17950.500	39.48	-20.83	40.55	19.76	54.00	14.52	V

Average Results:

802.11ac-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5113.978	68.1	-22.6	34.0	56.75	74.0	5.9	H
5118.370	68.2	-22.4	34.0	56.59	74.0	5.8	H
10500.750	47.6	-29.1	37.5	39.13	68.2	20.6	H
15749.950	50.7	-23.3	40.7	33.30	74.0	23.3	H
16809.800	52.1	-22.8	41.4	33.46	68.2	16.1	H
16947.850	51.9	-22.2	41.3	32.89	68.2	16.3	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5465.530	66.0	-22.3	34.4	53.85	68.2	2.2	H
5468.860	66.2	-22.2	34.4	54.03	68.2	2.0	H
11140.400	48.4	-28.6	37.9	39.07	74.0	25.6	H
16298.850	52.7	-22.5	40.9	34.30	68.2	15.6	H
16711.350	50.5	-22.3	41.4	31.44	68.2	17.7	V
16967.100	52.2	-22.2	41.2	33.20	68.2	16.0	H

Average Results:
802.11ax-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.650	50.2	-23.1	34.0	39.39	54.0	3.8	H
5150.000	51.0	-23.2	34.0	40.15	54.0	3.0	H
11915.900	36.3	-28.0	38.7	25.55	54.0	17.7	H
15539.850	37.6	-24.4	40.4	21.58	54.0	16.4	V
17887.250	39.5	-21.0	40.5	19.91	54.0	14.5	H
17952.700	39.4	-20.9	40.6	19.72	54.0	14.6	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.9	-23.1	34.1	40.86	54.0	2.1	H
5351.000	51.2	-23.1	34.1	40.12	54.0	2.8	H
10639.900	34.9	-29.1	37.6	26.36	54.0	19.1	H
15960.050	38.2	-23.4	40.8	20.83	54.0	15.8	H
17894.950	39.1	-21.1	40.5	19.70	54.0	14.9	H
17951.050	39.5	-20.8	40.6	19.82	54.0	14.5	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5453.750	46.7	-22.6	34.5	34.77	54.0	7.3	H
5459.750	47.1	-22.5	34.5	35.17	54.0	6.9	H
11000.150	35.4	-28.9	37.9	26.47	54.0	18.6	H
16164.650	38.9	-22.7	41.0	20.59	54.0	15.1	V
17882.300	39.4	-21.0	40.5	19.80	54.0	14.6	H
17946.650	39.2	-21.0	40.5	19.70	54.0	14.8	H

Average Results:

802.11ax-HT40

Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.500	51.7	-23.1	34.0	40.85	54.0	2.3	H
5150.000	52.1	-23.2	34.0	41.24	54.0	1.9	H
11961.000	36.5	-27.8	38.8	25.47	54.0	17.5	V
15570.100	37.3	-24.3	40.4	21.20	54.0	16.7	H
17880.650	39.4	-21.0	40.5	19.87	54.0	14.6	H
17952.150	39.5	-20.9	40.6	19.81	54.0	14.5	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.9	-23.1	34.1	40.92	54.0	2.1	H
5351.900	51.1	-23.0	34.1	40.07	54.0	2.9	H
10620.100	34.8	-29.2	37.6	26.41	54.0	19.2	H
15929.800	37.7	-23.9	40.9	20.73	54.0	16.3	H
17877.900	39.2	-21.0	40.5	19.73	54.0	14.8	V
17950.500	39.5	-20.8	40.6	19.82	54.0	14.5	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5458.200	47.2	-22.5	34.5	35.20	54.0	6.8	H
5459.900	47.9	-22.5	34.5	35.94	54.0	6.1	H
11019.950	35.0	-28.9	37.9	26.06	54.0	19.0	H
16048.600	38.3	-23.2	40.9	20.58	54.0	15.7	H
17882.850	39.3	-21.0	40.5	19.69	54.0	14.7	H
17950.500	39.7	-20.8	40.6	19.94	54.0	14.3	H

Average Results:
802.11ax-HT80
Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5146.550	51.4	-23.1	34.0	40.49	54.0	2.6	H
5148.800	51.4	-23.1	34.0	40.54	54.0	2.6	H
11803.700	36.1	-28.3	38.7	25.70	54.0	17.9	H
15630.050	37.1	-24.0	40.5	20.59	54.0	16.9	V
17880.100	39.4	-21.0	40.5	19.82	54.0	14.6	H
17950.500	39.6	-20.8	40.6	19.91	54.0	14.4	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.250	51.8	-23.1	34.1	40.76	54.0	2.2	H
5352.050	51.7	-23.0	34.1	40.62	54.0	2.3	H
12119.950	36.4	-27.1	39.0	24.54	54.0	17.6	V
15869.850	38.2	-23.1	40.9	20.45	54.0	15.8	H
17887.800	39.3	-21.0	40.5	19.78	54.0	14.7	H
17954.900	39.6	-20.9	40.6	19.93	54.0	14.4	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5456.750	50.0	-22.5	34.5	38.05	54.0	4.0	H
5459.750	50.5	-22.5	34.5	38.50	54.0	3.5	H
11060.100	34.8	-28.8	37.8	25.81	54.0	19.2	H
16165.200	38.8	-22.6	41.0	20.45	54.0	15.2	H
17882.850	39.4	-21.0	40.5	19.89	54.0	14.6	V
17952.150	39.5	-20.9	40.6	19.84	54.0	14.5	H

Average Results:
802.11ax-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5118.650	51.4	-22.4	34.0	39.83	54.0	2.6	H
5123.300	51.4	-22.4	34.0	39.86	54.0	2.6	H
11959.350	36.5	-27.7	38.8	25.44	54.0	17.5	H
15749.950	37.8	-23.3	40.7	20.44	54.0	16.2	H
17891.650	39.4	-21.0	40.5	19.89	54.0	14.6	H
17950.500	39.7	-20.8	40.6	19.93	54.0	14.3	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5448.800	50.8	-22.6	34.5	38.87	54.0	3.2	H
5457.050	50.9	-22.5	34.5	38.92	54.0	3.1	H
11139.850	35.3	-28.6	37.9	25.96	54.0	18.7	H
16161.900	38.8	-22.7	41.0	20.54	54.0	15.2	H
17887.800	39.4	-21.0	40.5	19.87	54.0	14.6	V
17950.500	39.7	-20.8	40.6	19.93	54.0	14.3	H

Average Results:
802.11be-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.700	50.3	-23.2	34.0	39.49	54.0	3.7	H
5149.850	50.4	-23.2	34.0	39.53	54.0	3.6	H
11948.350	36.4	-27.6	38.8	25.23	54.0	17.6	H
15539.850	37.4	-24.4	40.4	21.40	54.0	16.6	H
17880.100	39.5	-21.0	40.5	19.91	54.0	14.5	V
17948.300	39.6	-20.9	40.5	20.00	54.0	14.4	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	50.6	-23.1	34.1	39.64	54.0	3.4	H
5350.250	50.5	-23.1	34.1	39.46	54.0	3.5	H
10639.900	34.9	-29.1	37.6	26.40	54.0	19.1	H
15960.050	38.1	-23.4	40.8	20.71	54.0	15.9	H
17883.400	39.4	-21.0	40.5	19.87	54.0	14.6	V
17959.850	39.5	-21.0	40.6	19.88	54.0	14.5	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5459.300	46.6	-22.5	34.5	34.59	54.0	7.4	H
5459.750	46.6	-22.5	34.5	34.63	54.0	7.4	H
11000.150	35.5	-28.9	37.9	26.57	54.0	18.5	H
16164.100	38.8	-22.7	41.0	20.47	54.0	15.2	H
17880.100	39.5	-21.0	40.5	19.91	54.0	14.5	H
17953.250	39.6	-20.9	40.6	19.96	54.0	14.4	H

Average Results:

802.11be-HT40

Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.100	51.3	-23.2	34.0	40.45	54.0	2.7	H
5149.550	51.1	-23.2	34.0	40.30	54.0	2.9	H
12049.550	36.3	-27.5	38.9	24.86	54.0	17.7	H
15570.100	37.3	-24.3	40.4	21.23	54.0	16.7	H
17886.700	39.5	-21.0	40.5	19.95	54.0	14.5	H
17953.250	39.6	-20.9	40.6	19.92	54.0	14.4	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.7	-23.1	34.1	40.68	54.0	2.3	H
5350.400	51.7	-23.1	34.1	40.64	54.0	2.3	H
10620.100	35.0	-29.2	37.6	26.58	54.0	19.0	H
15929.800	37.8	-23.9	40.9	20.81	54.0	16.2	H
17880.650	39.4	-21.0	40.5	19.88	54.0	14.6	H
17955.450	39.5	-20.9	40.6	19.88	54.0	14.5	V

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5459.750	47.5	-22.5	34.5	35.57	54.0	6.5	H
5459.900	47.6	-22.5	34.5	35.59	54.0	6.4	H
11019.950	35.1	-28.9	37.9	26.16	54.0	18.9	H
16154.750	38.7	-22.9	41.0	20.63	54.0	15.3	H
17887.250	39.3	-21.0	40.5	19.80	54.0	14.7	V
17954.350	39.7	-20.9	40.6	19.99	54.0	14.3	H

Average Results:

802.11be-HT80

Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.400	51.5	-23.2	34.0	40.63	54.0	2.5	H
5149.550	51.4	-23.2	34.0	40.58	54.0	2.6	H
11960.450	36.7	-27.8	38.8	25.59	54.0	17.3	H
15630.050	37.3	-24.0	40.5	20.83	54.0	16.7	V
17887.250	39.5	-21.0	40.5	19.97	54.0	14.5	H
17952.150	39.7	-20.9	40.6	20.05	54.0	14.3	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.100	51.3	-23.1	34.1	40.24	54.0	2.7	H
5350.400	51.2	-23.1	34.1	40.19	54.0	2.8	H
11198.700	36.1	-27.9	38.0	25.95	54.0	17.9	H
15869.850	38.5	-23.1	40.9	20.72	54.0	15.5	V
17848.200	39.3	-21.3	40.6	19.98	54.0	14.7	H
17947.750	39.7	-21.0	40.5	20.11	54.0	14.3	V

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5459.600	50.8	-22.5	34.5	38.82	54.0	3.2	H
5459.900	50.9	-22.5	34.5	38.94	54.0	3.1	H
11060.100	35.0	-28.8	37.8	25.98	54.0	19.0	H
16166.300	38.8	-22.6	41.0	20.44	54.0	15.2	V
17891.100	39.5	-21.0	40.5	19.95	54.0	14.5	V
17947.200	39.6	-21.0	40.5	20.07	54.0	14.4	V

Average Results:
802.11be-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5132.750	51.8	-22.7	34.0	40.57	54.0	2.2	H
5134.700	51.6	-22.8	34.0	40.45	54.0	2.4	H
11805.900	36.3	-28.2	38.7	25.82	54.0	17.7	H
15749.950	37.9	-23.3	40.7	20.48	54.0	16.1	H
17863.050	39.3	-21.3	40.5	20.10	54.0	14.7	V
17883.400	39.3	-21.0	40.5	19.77	54.0	14.7	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5455.850	51.6	-22.5	34.5	39.62	54.0	2.4	H
5458.400	51.7	-22.5	34.5	39.76	54.0	2.3	H
11139.850	35.4	-28.6	37.9	26.05	54.0	18.6	V
16153.650	38.7	-23.0	41.0	20.64	54.0	15.3	H
17883.400	39.3	-21.0	40.5	19.77	54.0	14.7	H
17957.100	39.5	-20.9	40.6	19.82	54.0	14.5	H

PEAK Results:
802.11a

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.225	67.79	-23.14	34.00	56.93	74.00	6.21	H
5149.310	68.55	-23.15	34.00	57.70	74.00	5.45	H
10361.050	48.58	-29.15	37.42	40.31	68.20	19.62	H
15539.850	51.69	-24.38	40.40	35.66	74.00	22.31	V
16946.750	55.42	-22.27	41.26	36.43	68.20	12.78	V
17539.650	55.00	-20.66	40.76	34.90	68.20	13.20	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5351.487	67.30	-23.06	34.11	56.25	74.00	6.70	H
5352.770	67.11	-23.02	34.11	56.02	74.00	6.89	H
10639.900	47.65	-29.12	37.64	39.13	74.00	26.35	H
15960.600	52.45	-23.43	40.84	35.04	74.00	21.55	H
16680.000	54.48	-22.56	41.38	35.65	68.20	13.72	V
17008.350	54.04	-22.14	41.09	35.09	68.20	14.16	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5469.460	65.56	-22.21	34.42	53.35	68.20	2.64	H
5469.610	66.32	-22.21	34.42	54.11	68.20	1.88	H
11000.150	46.28	-28.94	37.90	37.33	74.00	27.72	H
16499.600	49.30	-22.71	41.10	30.92	68.20	18.90	H
16677.250	52.58	-22.52	41.38	33.73	68.20	15.62	V
16936.300	51.76	-22.43	41.29	32.90	68.20	16.44	V

PEAK Results:
802.11n-HT20

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.908	67.83	-23.15	34.00	56.98	74.00	6.17	H
5149.467	68.19	-23.16	34.00	57.34	74.00	5.81	H
10361.600	47.93	-29.16	37.42	39.67	68.20	20.27	H
15537.650	52.56	-24.39	40.40	36.55	74.00	21.44	H
16638.750	54.23	-22.65	41.34	35.53	68.20	13.98	V
17440.100	54.21	-21.75	40.74	35.21	68.20	13.99	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.002	70.85	-23.09	34.10	59.85	74.00	3.15	H
5353.231	69.14	-23.01	34.11	58.04	74.00	4.86	H
10639.900	45.63	-29.12	37.64	37.11	74.00	28.37	H
15960.050	48.98	-23.44	40.84	31.58	74.00	25.02	V
17440.650	52.49	-21.74	40.74	33.49	68.20	15.71	H
17544.050	53.12	-20.96	40.76	33.33	68.20	15.08	V

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5468.800	64.56	-22.23	34.42	52.36	68.20	3.64	H
5469.820	64.84	-22.20	34.42	52.62	68.20	3.36	H
10999.600	46.80	-28.94	37.90	37.84	74.00	27.20	H
16500.700	50.04	-22.72	41.10	31.66	68.20	18.16	V
16834.000	52.01	-22.43	41.40	33.04	68.20	16.19	V
17537.450	52.58	-20.88	40.76	32.69	68.20	15.62	H

PEAK Results:
802.11n-HT40

Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5145.530	66.86	-23.11	34.00	55.97	74.00	7.14	H
5149.328	67.35	-23.15	34.00	56.51	74.00	6.65	H
10380.300	47.28	-29.20	37.46	39.03	68.20	20.92	H
15570.100	48.77	-24.28	40.40	32.65	74.00	25.23	V
16617.850	52.11	-22.44	41.32	33.23	68.20	16.09	V
16963.800	51.69	-22.20	41.21	32.68	68.20	16.52	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5351.568	66.82	-23.05	34.11	55.76	74.00	7.18	H
5353.444	67.21	-23.01	34.11	56.10	74.00	6.79	H
10616.800	47.12	-29.34	37.62	38.85	74.00	26.88	H
15928.700	49.10	-23.85	40.87	32.08	74.00	24.90	H
17064.450	51.96	-22.25	41.04	33.17	68.20	16.24	V
17549.550	52.94	-21.42	40.75	33.62	68.20	15.26	V

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5468.913	65.84	-22.23	34.42	53.64	68.20	2.36	H
5469.408	65.42	-22.21	34.42	53.21	68.20	2.78	H
11019.400	47.06	-28.92	37.88	38.10	74.00	26.94	H
16529.850	50.03	-22.53	41.16	31.40	68.20	18.17	H
17244.850	52.91	-22.35	40.86	34.41	68.20	15.29	H
17545.150	53.02	-21.06	40.75	33.33	68.20	15.18	V

PEAK Results:
802.11ac-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5148.085	66.68	-23.14	34.00	55.82	74.00	7.32	H
5149.958	67.58	-23.16	34.00	56.74	74.00	6.42	H
10360.500	48.19	-29.14	37.42	39.91	68.20	20.01	H
15538.200	49.85	-24.39	40.40	33.84	74.00	24.15	V
16944.550	52.59	-22.30	41.27	33.62	68.20	15.61	V
17539.650	52.77	-20.66	40.76	32.67	68.20	15.43	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.312	70.93	-23.09	34.10	59.92	74.00	3.07	H
5350.596	70.59	-23.08	34.10	59.57	74.00	3.41	H
10641.000	46.87	-29.12	37.64	38.35	74.00	27.13	H
15961.700	50.52	-23.41	40.84	33.10	74.00	23.48	V
17098.550	52.54	-22.33	41.00	33.86	68.20	15.66	H
17642.500	53.23	-21.45	40.61	34.07	68.20	14.97	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5468.305	62.93	-22.24	34.43	50.75	68.20	5.27	H
5469.535	65.65	-22.21	34.42	53.44	68.20	2.55	H
10999.050	47.84	-28.93	37.90	38.87	74.00	26.16	H
16502.350	51.51	-22.74	41.10	33.15	68.20	16.69	H
16785.050	51.77	-22.87	41.40	33.23	68.20	16.44	V
17476.950	52.44	-21.86	40.78	33.52	68.20	15.76	H

PEAK Results:
802.11ac-HT40
Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5146.510	66.45	-23.12	34.00	55.58	74.00	7.55	H
5149.415	66.36	-23.15	34.00	55.51	74.00	7.64	H
10379.750	47.43	-29.20	37.46	39.18	68.20	20.77	H
15569.550	49.91	-24.28	40.40	33.79	74.00	24.09	V
17349.900	52.02	-21.86	40.75	33.12	68.20	16.19	V
17540.750	53.62	-20.69	40.76	33.55	68.20	14.58	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.448	66.80	-23.08	34.10	55.78	74.00	7.20	H
5355.834	67.54	-22.95	34.12	56.37	74.00	6.46	H
10619.550	46.94	-29.26	37.62	38.58	74.00	27.06	H
15929.800	49.23	-23.86	40.87	32.22	74.00	24.77	H
17132.650	51.94	-22.23	40.97	33.21	68.20	16.26	H
17660.650	52.79	-21.24	40.58	33.46	68.20	15.41	V

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5465.042	64.61	-22.34	34.44	52.51	68.20	3.59	H
5465.290	64.59	-22.33	34.44	52.48	68.20	3.61	H
11021.050	47.20	-28.91	37.88	38.23	74.00	26.80	H
16529.850	50.11	-22.53	41.16	31.48	68.20	18.09	V
17472.550	52.73	-21.81	40.77	33.77	68.20	15.47	H
17538.000	52.64	-20.82	40.76	32.70	68.20	15.56	H

PEAK Results:
802.11ac-HT80
Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5140.858	65.39	-23.06	34.00	54.45	74.00	8.61	H
5142.520	65.66	-23.08	34.00	54.74	74.00	8.34	H
10419.350	46.61	-29.40	37.50	38.50	68.20	21.59	V
15631.150	49.08	-23.99	40.46	32.60	74.00	24.92	V
17077.100	52.61	-22.31	41.02	33.90	68.20	15.59	H
17481.900	52.70	-21.94	40.78	33.85	68.20	15.51	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5352.000	64.97	-23.04	34.11	53.90	74.00	9.03	H
5353.647	65.17	-23.00	34.11	54.06	74.00	8.83	H
10580.500	47.93	-28.85	37.58	39.20	68.20	20.27	V
15869.300	50.26	-23.13	40.87	32.52	74.00	23.74	H
16660.750	52.34	-22.36	41.36	33.34	68.20	15.86	H
16864.250	52.16	-22.52	41.40	33.28	68.20	16.04	V

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5463.715	66.56	-22.37	34.44	54.49	68.20	1.64	H
5466.797	66.99	-22.29	34.43	54.85	68.20	1.21	H
11059.000	47.08	-28.83	37.84	38.07	74.00	26.92	V
16590.900	50.61	-22.29	41.28	31.62	68.20	17.59	H
16978.100	51.97	-22.16	41.17	32.97	68.20	16.23	H
17309.100	52.24	-22.01	40.79	33.45	68.20	15.96	V

PEAK Results:
802.11ac-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5113.978	68.1	-22.6	34.0	56.75	74.0	5.9	H
5118.370	68.2	-22.4	34.0	56.59	74.0	5.8	H
10500.750	47.6	-29.1	37.5	39.13	68.2	20.6	H
15749.950	50.7	-23.3	40.7	33.30	74.0	23.3	H
16809.800	52.1	-22.8	41.4	33.46	68.2	16.1	H
16947.850	51.9	-22.2	41.3	32.89	68.2	16.3	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5465.530	66.0	-22.3	34.4	53.85	68.2	2.2	H
5468.860	66.2	-22.2	34.4	54.03	68.2	2.0	H
11140.400	48.4	-28.6	37.9	39.07	74.0	25.6	H
16298.850	52.7	-22.5	40.9	34.30	68.2	15.6	H
16711.350	50.5	-22.3	41.4	31.44	68.2	17.7	V
16967.100	52.2	-22.2	41.2	33.20	68.2	16.0	H

PEAK Results:
802.11ax-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5140.438	66.3	-23.1	34.0	55.34	74.0	7.7	H
5148.068	66.1	-23.1	34.0	55.25	74.0	7.9	H
10359.400	48.1	-29.1	37.4	39.83	68.2	20.1	H
15539.850	49.1	-24.4	40.4	33.06	74.0	24.9	V
16975.350	52.4	-22.2	41.2	33.41	68.2	15.8	H
17539.100	53.1	-20.7	40.8	33.09	68.2	15.1	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.920	67.4	-23.1	34.1	56.41	74.0	6.6	H
5351.352	67.5	-23.1	34.1	56.42	74.0	6.5	H
10639.900	46.8	-29.1	37.6	38.26	74.0	27.2	H
15960.050	51.0	-23.4	40.8	33.59	74.0	23.0	H
16374.200	52.5	-22.6	40.9	34.25	68.2	15.7	H
16470.450	52.5	-22.8	41.0	34.29	68.2	15.7	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5467.923	64.8	-22.3	34.4	52.63	68.2	3.4	H
5468.523	65.5	-22.2	34.4	53.29	68.2	2.7	H
11000.150	46.8	-28.9	37.9	37.84	74.0	27.2	H
16500.150	49.6	-22.7	41.1	31.23	68.2	18.6	V
17137.600	52.5	-22.2	41.0	33.69	68.2	15.7	H
17545.150	52.9	-21.1	40.8	33.19	68.2	15.3	H

PEAK Results:
802.11ax-HT40
Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5142.205	67.3	-23.1	34.0	56.38	74.0	6.7	H
5144.865	66.9	-23.1	34.0	56.02	74.0	7.1	H
10379.750	47.2	-29.2	37.5	38.92	68.2	21.0	V
15569.550	49.8	-24.3	40.4	33.66	74.0	24.2	H
17270.700	52.5	-22.2	40.8	33.87	68.2	15.7	H
17541.850	52.3	-20.8	40.8	32.36	68.2	15.9	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.043	66.3	-23.1	34.1	55.26	74.0	7.7	H
5353.877	66.5	-23.0	34.1	55.42	74.0	7.5	H
10619.550	47.0	-29.3	37.6	38.69	74.0	27.0	H
15929.250	49.2	-23.9	40.9	32.23	74.0	24.8	H
16638.750	52.9	-22.6	41.3	34.17	68.2	15.3	V
17540.200	52.6	-20.6	40.8	32.50	68.2	15.6	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5468.898	65.7	-22.2	34.4	53.50	68.2	2.5	H
5469.843	65.6	-22.2	34.4	53.36	68.2	2.6	H
11019.950	46.9	-28.9	37.9	37.94	74.0	27.1	H
16530.400	50.9	-22.5	41.2	32.27	68.2	17.3	H
17384.550	52.5	-21.9	40.7	33.65	68.2	15.7	H
17544.050	52.6	-21.0	40.8	32.83	68.2	15.6	H

PEAK Results:
802.11ax-HT80
Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5137.620	66.0	-23.0	34.0	54.95	74.0	8.0	H
5149.258	65.8	-23.2	34.0	54.96	74.0	8.2	H
10421.000	47.0	-29.3	37.5	38.88	68.2	21.2	H
15626.750	50.2	-24.1	40.5	33.86	74.0	23.8	V
16882.950	52.4	-22.1	41.4	33.11	68.2	15.8	H
17067.200	52.5	-22.1	41.0	33.62	68.2	15.7	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.664	66.8	-23.1	34.1	55.76	74.0	7.2	H
5363.732	65.6	-22.7	34.2	54.14	74.0	8.4	H
10580.500	47.5	-28.9	37.6	38.78	68.2	20.7	V
15869.850	50.5	-23.1	40.9	32.71	74.0	23.5	H
16954.450	53.1	-22.2	41.2	34.08	68.2	15.1	H
17393.350	53.0	-21.8	40.7	34.11	68.2	15.2	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5461.638	64.7	-22.4	34.5	52.65	68.2	3.5	H
5464.053	64.6	-22.4	34.4	52.49	68.2	3.6	H
11060.650	46.5	-28.8	37.8	37.50	74.0	27.5	H
16589.800	50.5	-22.3	41.3	31.51	68.2	17.7	H
17106.250	52.2	-22.3	41.0	33.47	68.2	16.0	V
17452.750	52.9	-21.7	40.8	33.80	68.2	15.3	H

PEAK Results:
802.11ax-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5114.048	66.8	-22.6	34.0	55.43	74.0	7.2	H
5118.458	66.8	-22.4	34.0	55.25	74.0	7.2	H
10499.100	48.4	-29.1	37.5	40.04	68.2	19.8	H
15751.050	50.5	-23.3	40.7	33.15	74.0	23.5	H
16924.200	52.5	-22.5	41.3	33.67	68.2	15.7	H
17010.550	52.9	-22.1	41.1	33.97	68.2	15.3	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5460.790	65.3	-22.5	34.5	53.32	68.2	2.9	H
5463.258	64.7	-22.4	34.4	52.66	68.2	3.5	H
11139.850	47.1	-28.6	37.9	37.73	74.0	26.9	H
16709.700	50.4	-22.3	41.4	31.33	68.2	17.8	H
17371.350	52.3	-21.8	40.7	33.36	68.2	15.9	V
17564.950	52.1	-21.9	40.7	33.26	68.2	16.1	H

PEAK Results:
802.11be-HT20
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.590	64.3	-23.2	34.0	53.47	74.0	9.7	H
5149.923	64.4	-23.2	34.0	53.54	74.0	9.6	H
10358.850	47.3	-29.1	37.4	39.05	68.2	20.9	H
15539.850	51.1	-24.4	40.4	35.08	74.0	22.9	H
16961.050	52.5	-22.2	41.2	33.46	68.2	15.7	V
17496.200	52.5	-22.2	40.8	33.86	68.2	15.7	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.124	65.0	-23.1	34.1	53.94	74.0	9.0	H
5351.217	65.8	-23.1	34.1	54.72	74.0	8.2	H
10640.450	46.6	-29.1	37.6	38.13	74.0	27.4	H
15961.150	50.6	-23.4	40.8	33.23	74.0	23.4	H
16700.350	51.7	-22.5	41.4	32.82	68.2	16.5	V
17342.200	52.0	-21.9	40.8	33.08	68.2	16.2	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5468.005	65.1	-22.3	34.4	52.91	68.2	3.1	H
5468.943	64.4	-22.2	34.4	52.16	68.2	3.8	H
10999.600	46.8	-28.9	37.9	37.84	74.0	27.2	H
16500.700	50.0	-22.7	41.1	31.61	68.2	18.2	H
16895.050	52.1	-22.4	41.4	33.14	68.2	16.1	H
17076.000	52.4	-22.3	41.0	33.65	68.2	15.8	H

PEAK Results:
802.11be-HT40
Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5145.600	67.2	-23.1	34.0	56.30	74.0	6.8	H
5147.210	67.1	-23.1	34.0	56.19	74.0	6.9	H
10378.650	48.0	-29.2	37.5	39.75	68.2	20.2	H
15570.650	50.4	-24.3	40.4	34.28	74.0	23.6	H
17160.700	52.2	-22.4	40.9	33.61	68.2	16.0	H
17361.450	52.4	-21.9	40.7	33.56	68.2	15.8	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5350.380	65.8	-23.1	34.1	54.76	74.0	8.2	H
5350.758	65.9	-23.1	34.1	54.89	74.0	8.1	H
10620.650	47.0	-29.2	37.6	38.62	74.0	27.0	H
15929.800	49.9	-23.9	40.9	32.94	74.0	24.1	H
16817.500	52.5	-22.7	41.4	33.78	68.2	15.7	H
16971.500	52.7	-22.2	41.2	33.69	68.2	15.5	V

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5467.953	45.0	-22.3	34.4	32.83	68.2	23.2	H
5469.190	64.9	-22.2	34.4	52.74	68.2	3.3	H
11019.400	46.5	-28.9	37.9	37.52	74.0	27.5	H
16530.400	50.8	-22.5	41.2	32.15	68.2	17.4	H
17117.800	52.3	-22.4	41.0	33.65	68.2	15.9	V
17544.600	52.6	-21.0	40.8	32.85	68.2	15.6	H

PEAK Results:
802.11be-HT80

Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5143.885	66.3	-23.1	34.0	55.43	74.0	7.7	H
5145.548	66.2	-23.1	34.0	55.32	74.0	7.8	H
10419.900	47.0	-29.4	37.5	38.88	68.2	21.2	H
15630.050	48.2	-24.0	40.5	31.74	74.0	25.8	V
16681.100	53.0	-22.6	41.4	34.15	68.2	15.2	H
17645.800	52.8	-21.4	40.6	33.56	68.2	15.4	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5354.282	66.0	-23.0	34.1	54.90	74.0	8.0	H
5354.727	65.8	-23.0	34.1	54.63	74.0	8.2	H
10579.400	48.4	-28.8	37.6	39.68	68.2	19.8	H
15868.200	49.9	-23.2	40.9	32.15	74.0	24.1	V
16981.950	52.4	-22.2	41.2	33.45	68.2	15.8	H
17270.150	52.0	-22.2	40.8	33.41	68.2	16.2	V

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5464.990	64.8	-22.3	34.4	52.68	68.2	3.4	H
5469.513	65.2	-22.2	34.4	52.98	68.2	3.0	H
11061.750	47.4	-28.8	37.8	38.41	74.0	26.6	H
16590.350	50.0	-22.3	41.3	30.99	68.2	18.2	V
16924.750	52.3	-22.5	41.3	33.48	68.2	15.9	V
17258.600	54.4	-22.2	40.8	35.76	68.2	13.8	V

PEAK Results:
802.11be-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5114.013	67.6	-22.6	34.0	56.22	74.0	6.4	H
5118.318	67.2	-22.4	34.0	55.59	74.0	6.8	H
10500.200	46.9	-29.1	37.5	38.47	68.2	21.3	H
15749.400	51.3	-23.3	40.7	33.93	74.0	22.7	H
16956.650	52.6	-22.2	41.2	33.55	68.2	15.6	V
17538.000	52.3	-20.8	40.8	32.35	68.2	15.9	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5464.743	66.0	-22.3	34.4	53.93	68.2	2.2	H
5469.108	65.9	-22.2	34.4	53.66	68.2	2.3	H
11139.850	46.9	-28.6	37.9	37.58	74.0	27.1	V
16556.250	52.4	-22.8	41.2	34.02	68.2	15.8	H
16712.450	51.2	-22.4	41.4	32.14	68.2	17.0	H
16918.700	52.7	-22.4	41.3	33.79	68.2	15.5	H

Conclusion: PASS

A.7. AC Powerline Conducted Emission (150kHz- 30MHz)

Method of Measurement: See ANSI C63.10-2013-clause 6.2

- 1 The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.
- 2 If the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.
- 3 The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.
- 4 If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.
- 5 If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.³⁶ Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	66 to 56	Fig.61	Fig.62	P
0.5 to 5	56			
5 to 30	60			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	56 to 46	Fig.61	Fig.62	P
0.5 to 5	46			
5 to 30	50			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Conclusion: PASS
Test graphs as below:

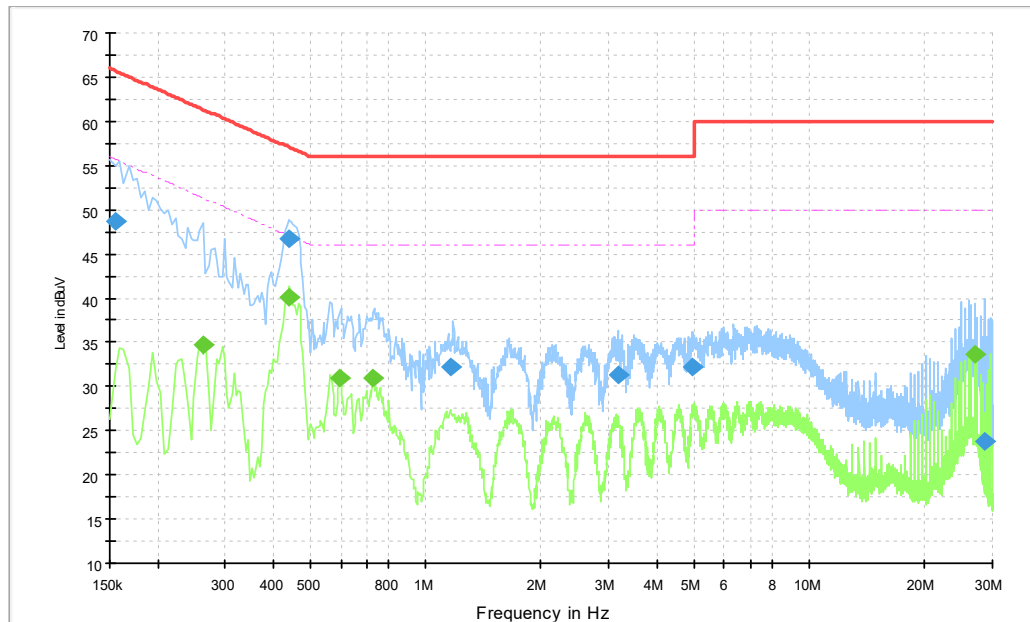


Fig.61 Conducted Emission(802.11a, Ch40, TX)

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.154500	48.8	N	20.2	17.0	65.8
0.437500	46.8	N	20.1	10.3	57.1
1.157500	32.2	N	20.0	23.8	56.0
3.191500	31.3	L1	19.9	24.7	56.0
4.969000	32.1	L1	19.9	23.9	56.0
28.720000	23.8	L1	20.1	36.2	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.262000	34.7	N	20.1	16.6	51.4
0.442000	40.1	N	20.1	6.9	47.0
0.595000	30.9	N	20.1	15.1	46.0
0.730000	31.0	N	20.1	15.0	46.0
26.920000	33.6	L1	20.1	16.4	50.0

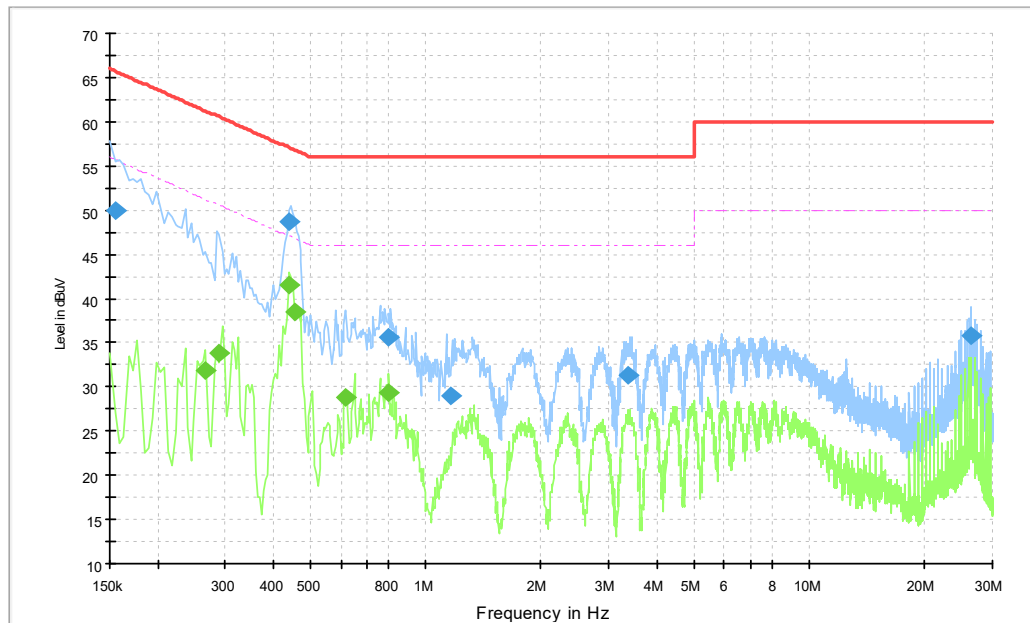


Fig.62 Conducted Emission(802.11a, IDLE)

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.154500	49.9	L1	20.1	15.9	65.8
0.442000	48.7	N	20.1	8.4	57.0
0.802000	35.7	N	20.1	20.3	56.0
1.162000	29.0	N	20.0	27.0	56.0
3.367000	31.3	L1	19.8	24.7	56.0
26.398000	35.8	L1	20.1	24.2	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.266500	31.9	N	20.1	19.3	51.2
0.289000	33.8	N	20.1	16.8	50.6
0.442000	41.6	N	20.1	5.4	47.0
0.455500	38.5	L1	20.1	8.2	46.8
0.617500	28.8	N	20.1	17.2	46.0
0.797500	29.4	N	20.1	16.6	46.0

A.8. Antenna Requirement

The antenna of the device is permanently attached. There are no provisions for connection to an external antenna.

The unit complies with the requirement of FCC Part 15.203.

A.9. Power control

A Transmission Power Control mechanism is not required for systems with an e.i.r.p. of less than 27dBm (500 mW).

ANNEX B: EUT parameters

Disclaimer: The antenna gain and worse case provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX C: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 23rd day of July 2024.



Mr. Trace McInturf, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

***** END OF REPORT BODY *****