

Fig.47 Occupied 26dB Bandwidth (802.11ac-HT80, 5210MHz)

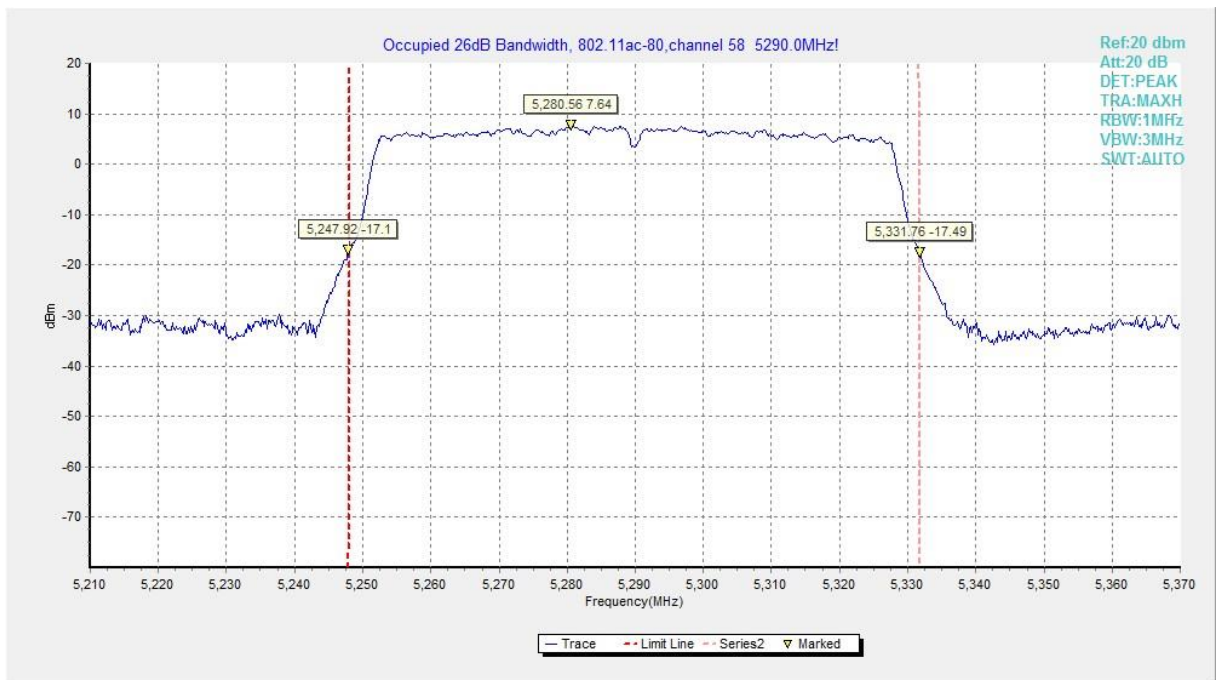


Fig.48 Occupied 26dB Bandwidth (802.11ac-HT80, 5290MHz)

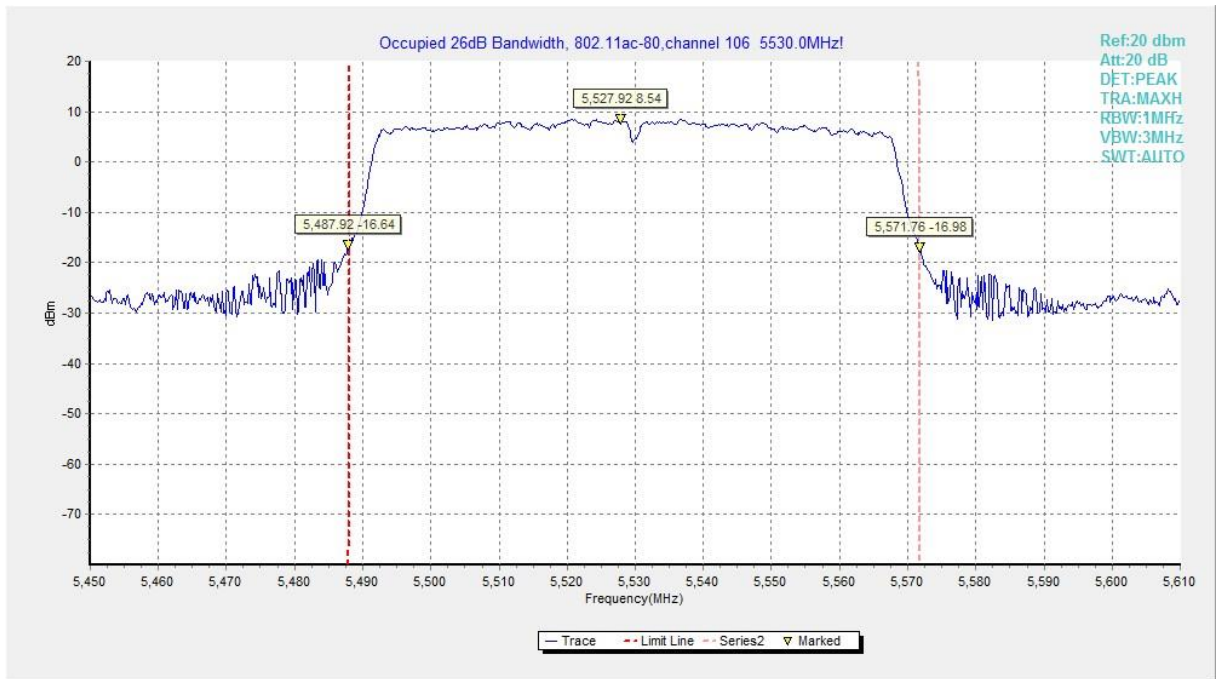


Fig.49 Occupied 26dB Bandwidth (802. 11ac-HT80, 5530MHz)

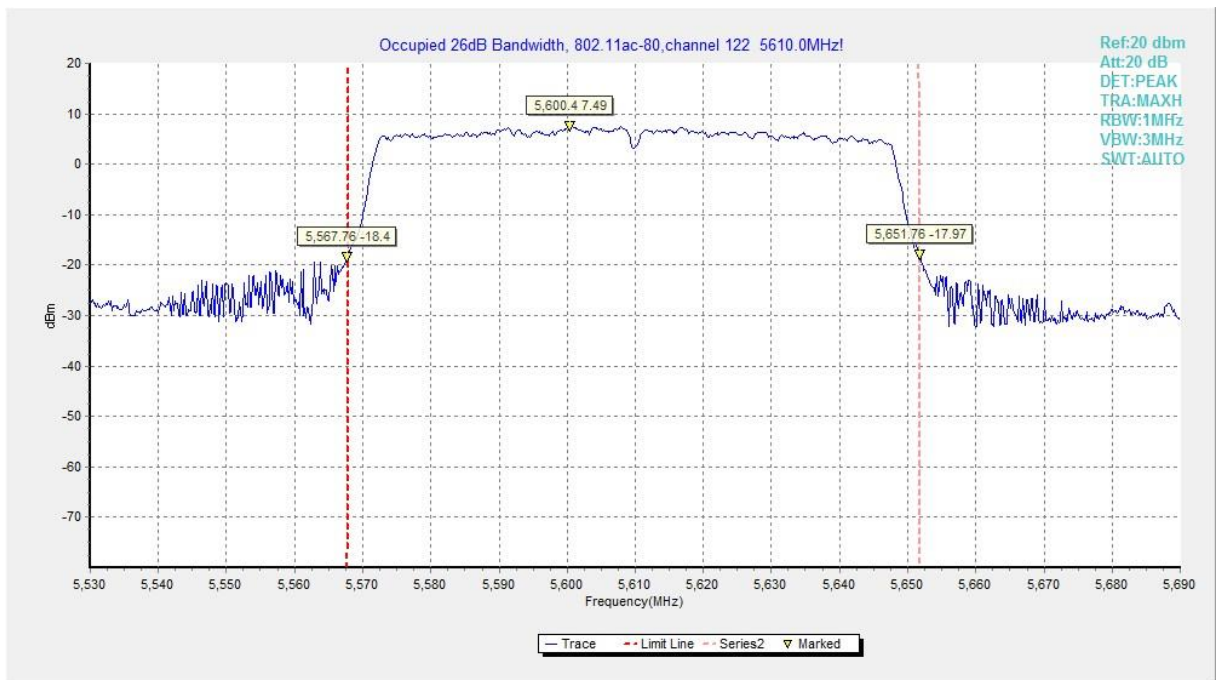


Fig.50 Occupied 26dB Bandwidth (802. 11ac-HT80, 5610MHz)

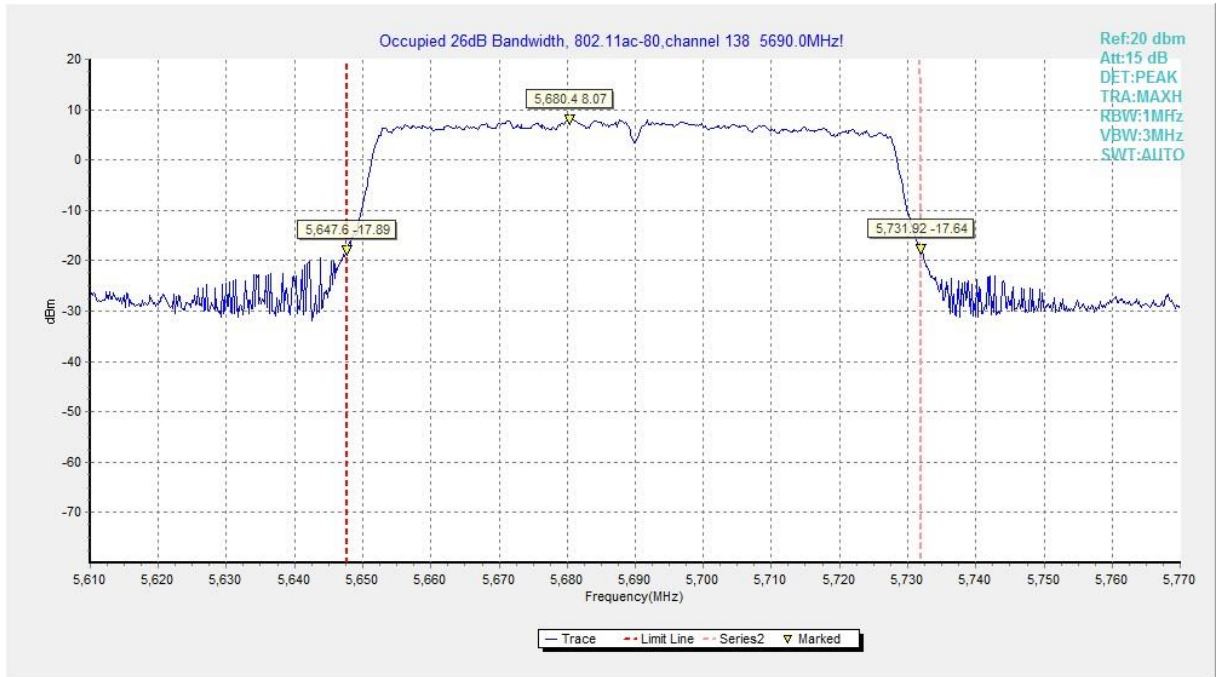


Fig.51 Occupied 26dB Bandwidth (802. 11ac-HT80, 5690MHz)

B.5. Band Edges Compliance

B.5.1 Band Edges - Radiated

Measurement Limit:

Standard	Limit (dB μ V/m)	
	FCC 47 CFR Part 15.209	Peak
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)).

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.52	P
	5320 MHz	Fig.53	P
	5500 MHz	Fig.54	P
	5700 MHz	Fig.55	P
802.11n HT20	5180 MHz	Fig.56	P
	5320 MHz	Fig.57	P
	5500 MHz	Fig.58	P
	5700 MHz	Fig.59	P
802.11ac HT20	5180 MHz	Fig.60	P
	5320 MHz	Fig.61	P
	5500 MHz	Fig.62	P
	5700 MHz	Fig.63	P
802.11n HT40	5190 MHz	Fig.64	P
	5310 MHz	Fig.65	P
	5510 MHz	Fig.66	P
	5670 MHz	Fig.67	P
802.11ac HT40	5190 MHz	Fig.68	P
	5310 MHz	Fig.69	P
	5510 MHz	Fig.70	P
	5670 MHz	Fig.71	P
802.11ac HT80	5210MHz	Fig.72	P
	5290MHz	Fig.73	P
	5530MHz	Fig.74	P

Conclusion: PASS

Test graphs as below:

RE - Power-5.000GHz-5.175GHz

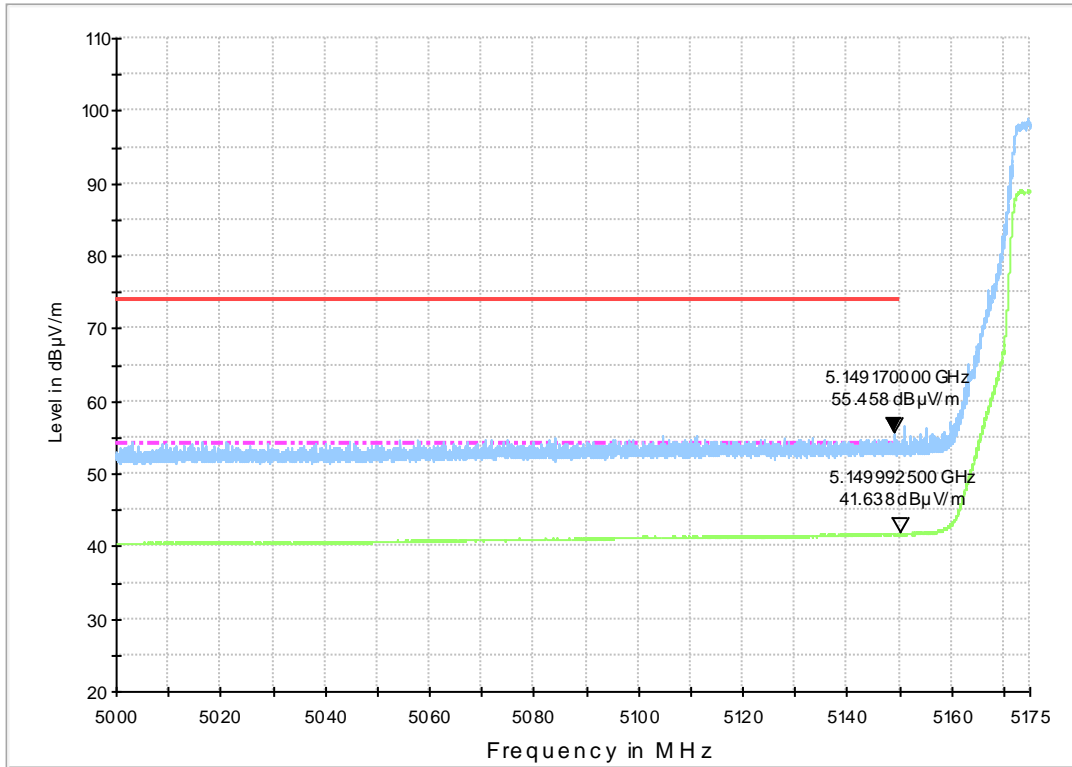


Fig.52 Band Edges (802.11a, 5180MHz)

RE - Power-5.325GHz-5.460GHz

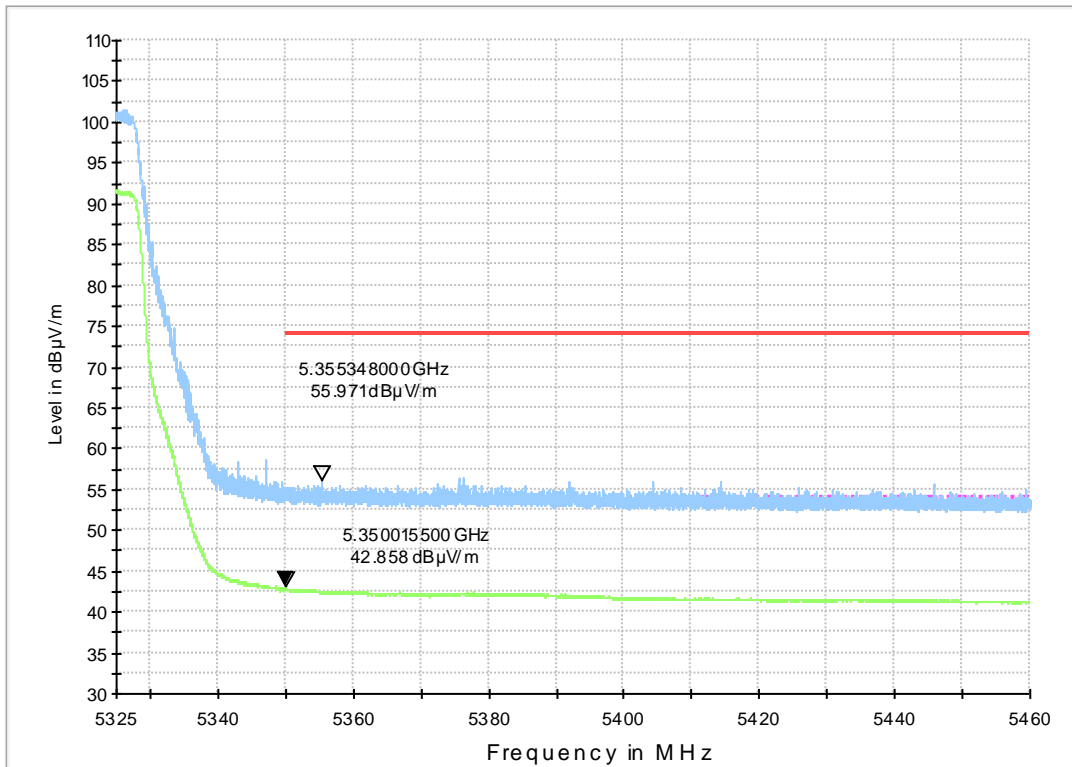


Fig.53 Band Edges (802.11a, 5320MHz)

RE - Power-5.35GHz-5.50GHz

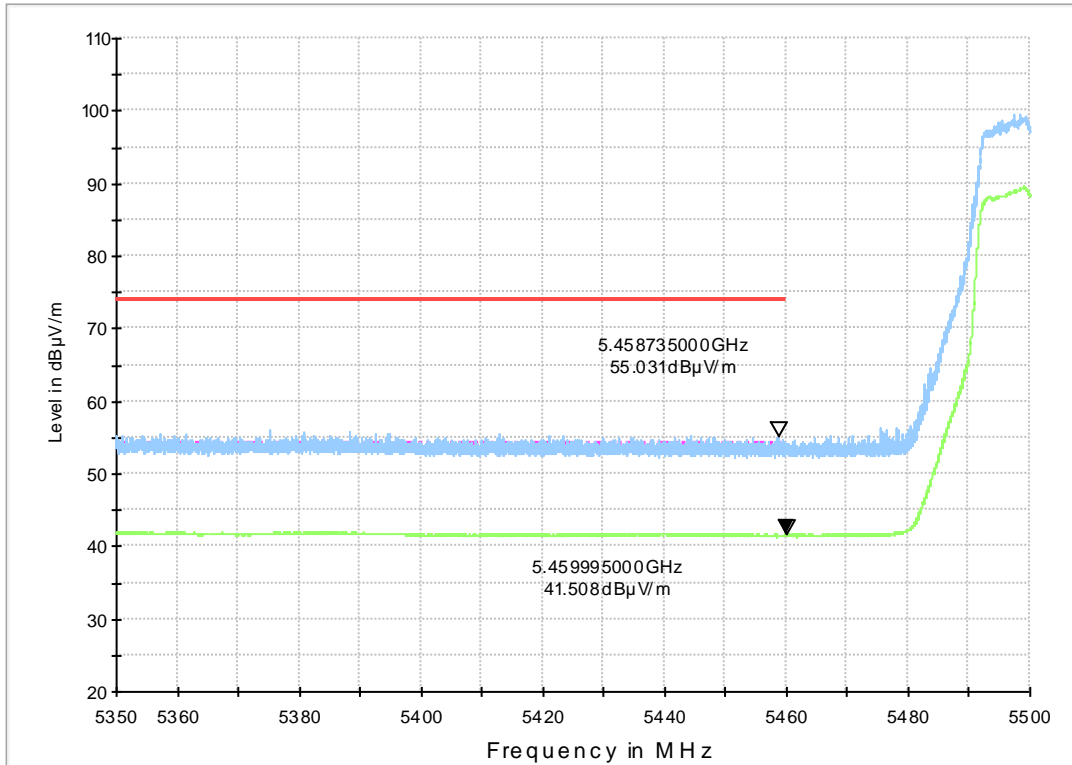


Fig.54 Band Edges (802.11a, 5500MHz)

RE - Power-5.70GHz-5.825GHz

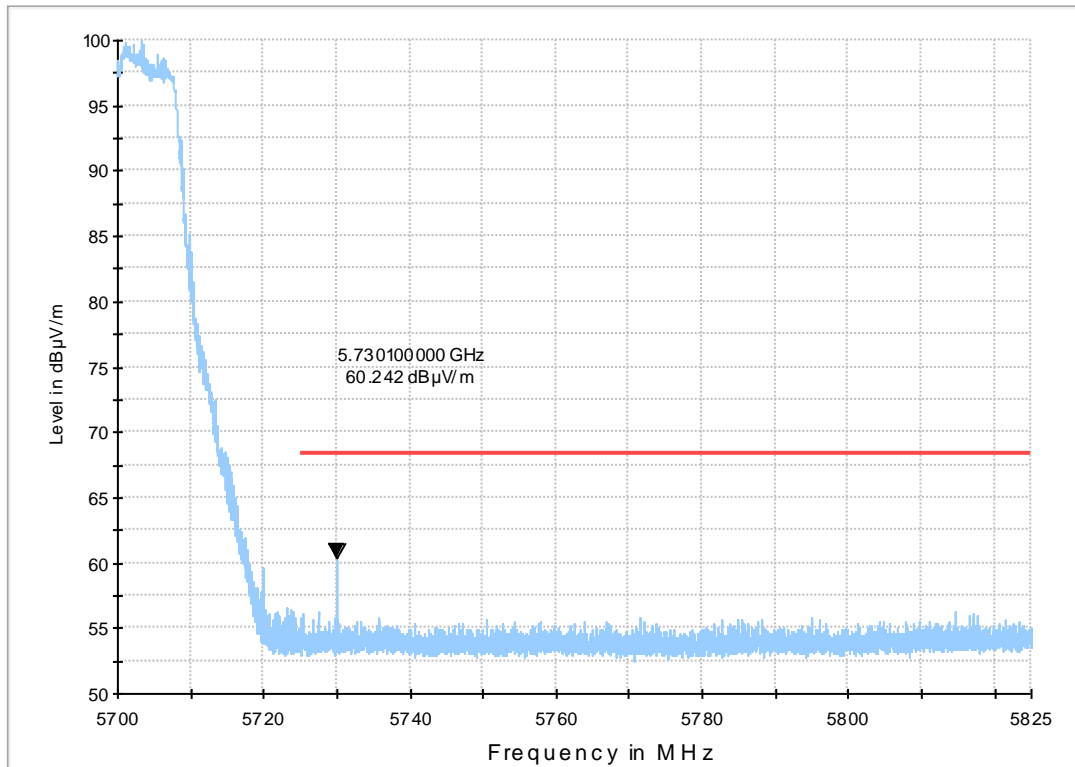


Fig.55 Band Edges (802.11a, 5700MHz)

RE - Power-5.000GHz-5.175GHz

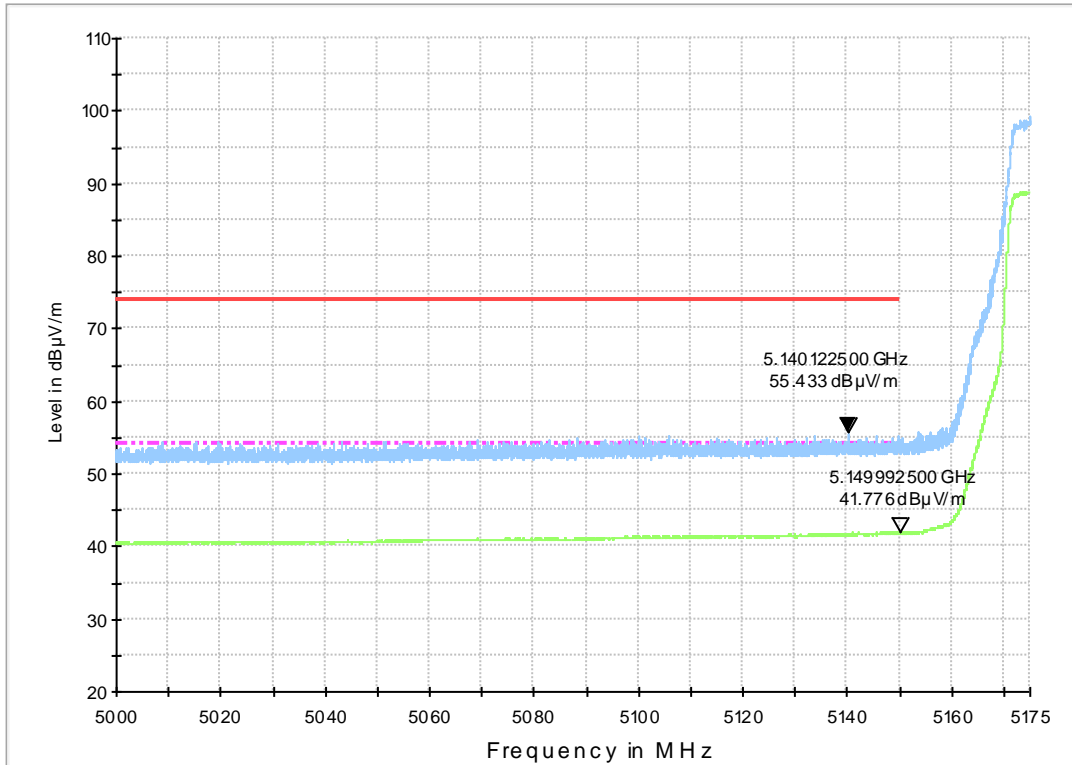


Fig.56 Band Edges (802.11n-HT20, 5180MHz)

RE - Power-5.325GHz-5.460GHz

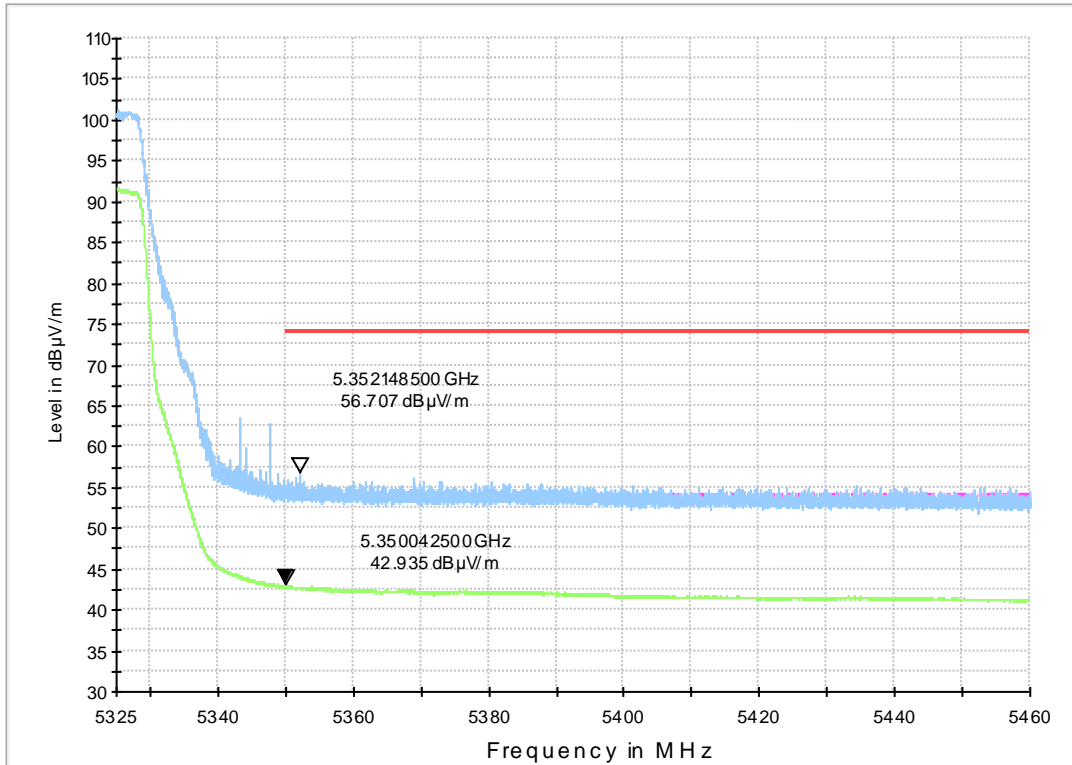


Fig.57 Band Edges (802.11n-HT20, 5320MHz)

RE - Power-5.35GHz-5.50GHz

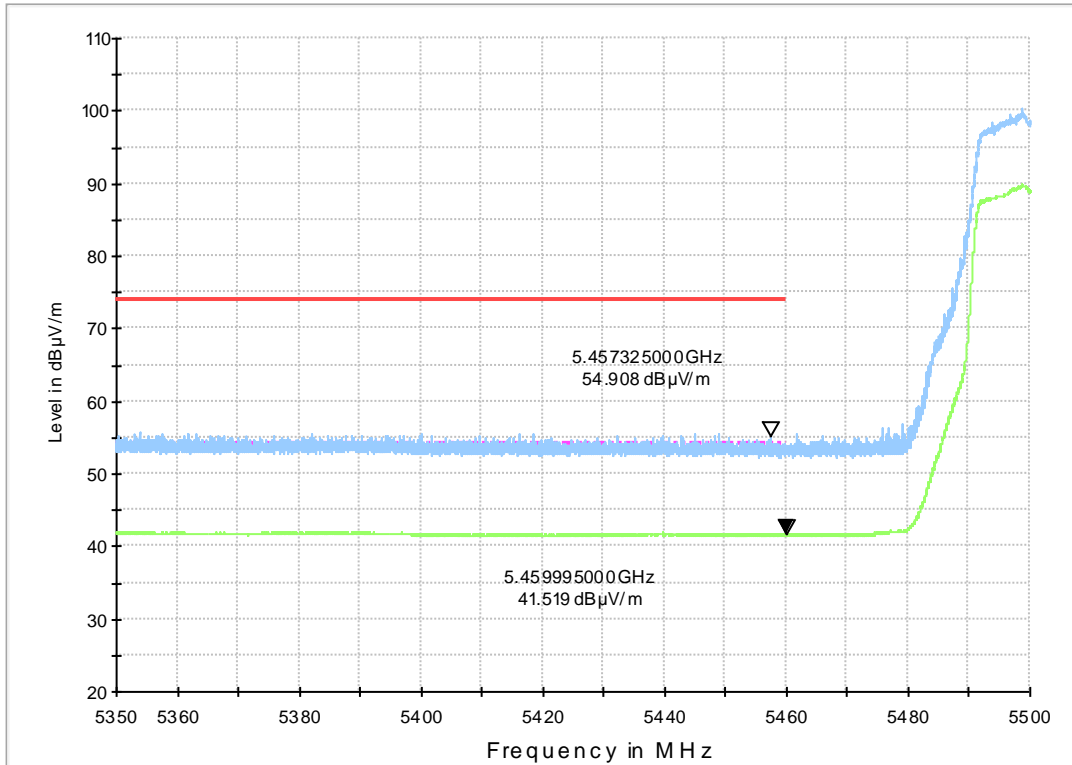


Fig.58 Band Edges (802.11n-HT20, 5500MHz)

RE - Power-5.70GHz-5.825GHz

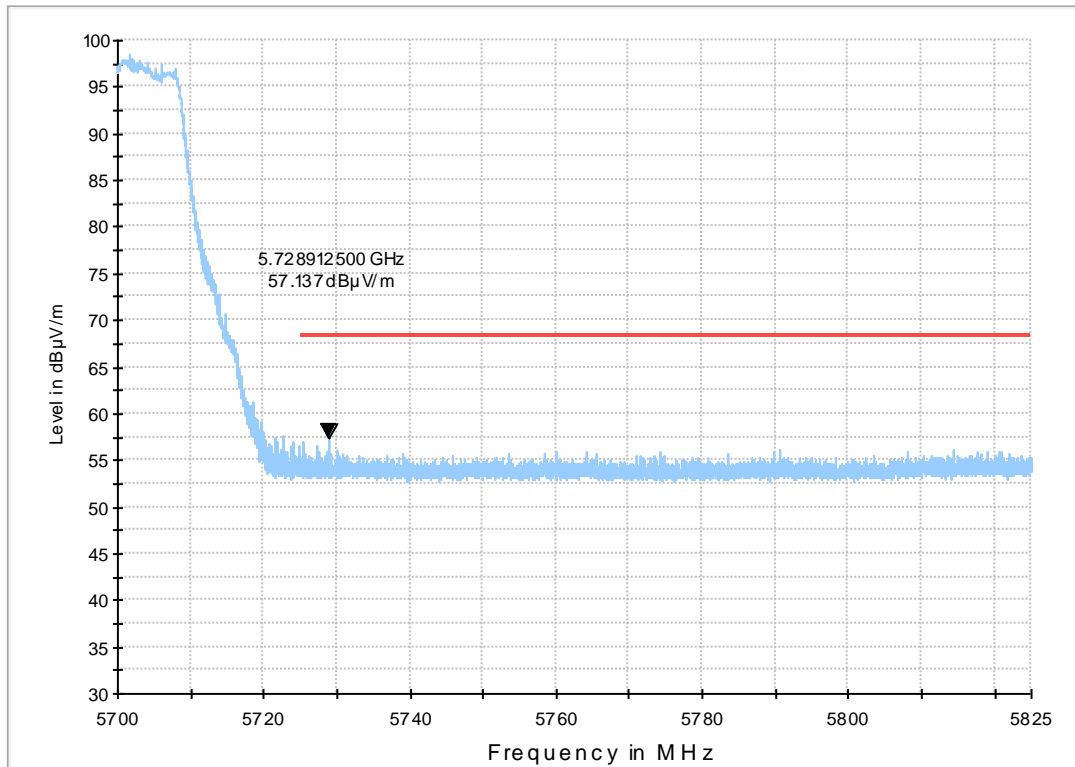


Fig.59 Band Edges (802.11n-HT20, 5700MHz)

RE - Power-5.000GHz-5.175GHz

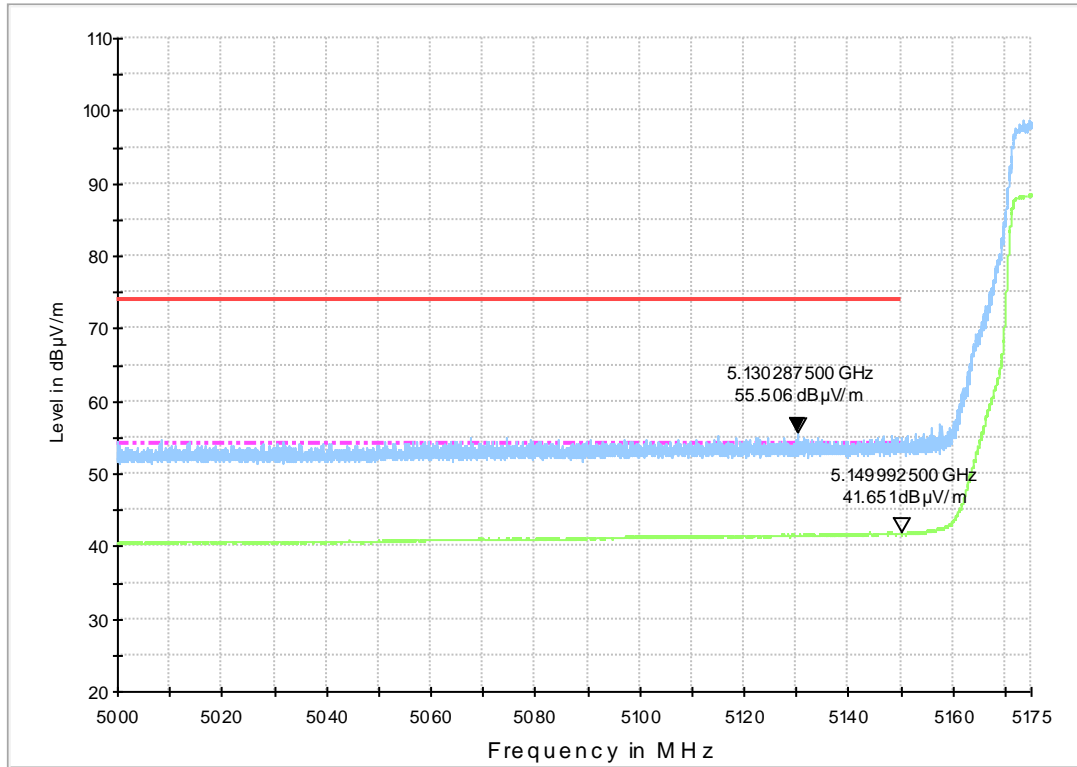


Fig.60 Band Edges (802.11ac-HT20, 5180MHz)

RE - Power-5.325GHz-5.460GHz

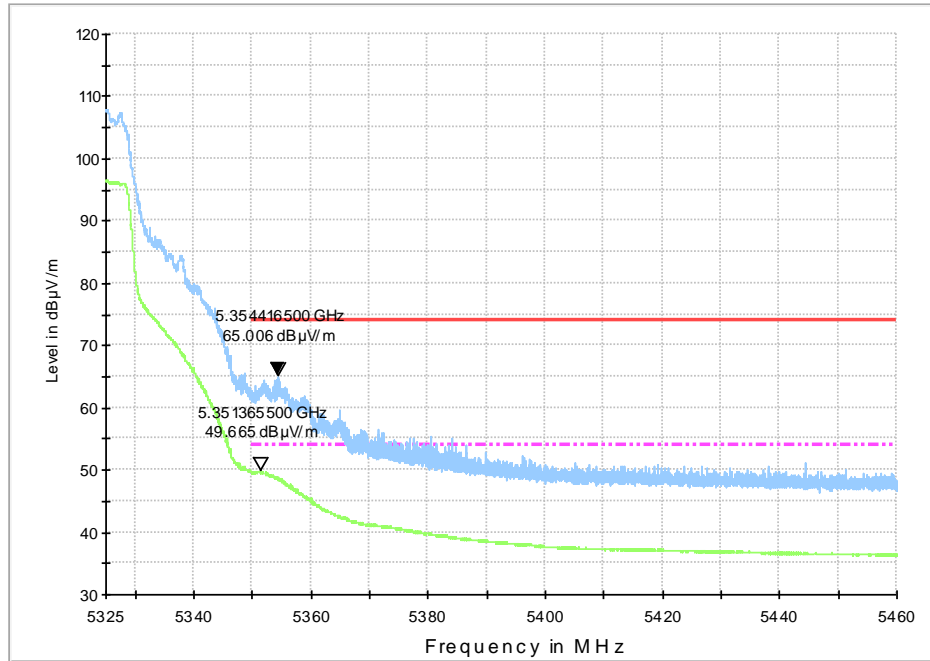


Fig.61 Band Edges (802.11ac-HT20, 5320MHz)

RE - Power-5.35GHz-5.50GHz

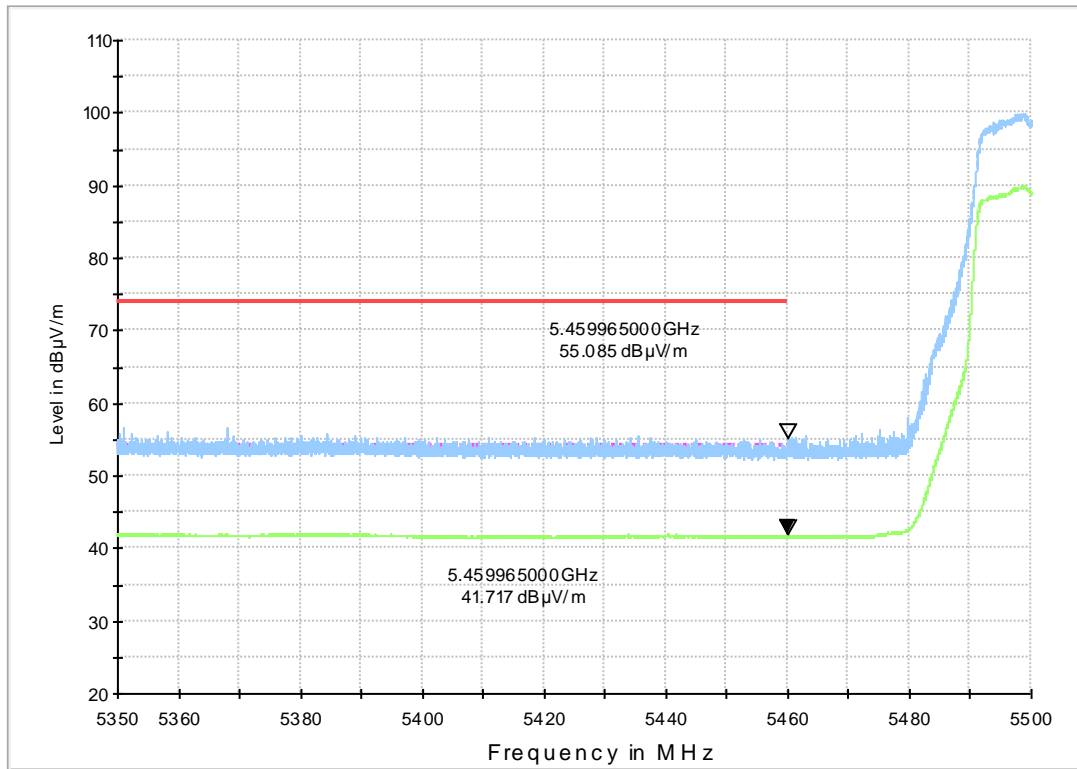


Fig.62 Band Edges (802.11ac-HT20, 5500MHz)

RE - Power-5.70GHz-5.825GHz

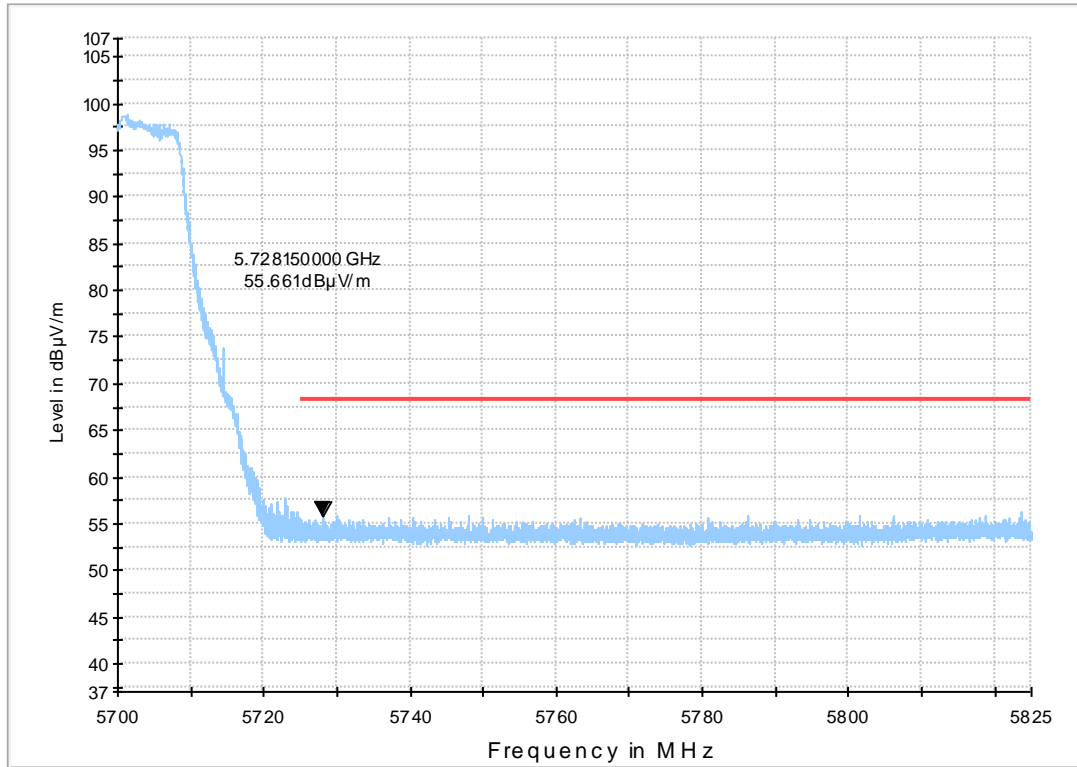


Fig.63 Band Edges (802.11ac-HT20, 5700MHz)

RE - Power-5.000GHz-5.175GHz

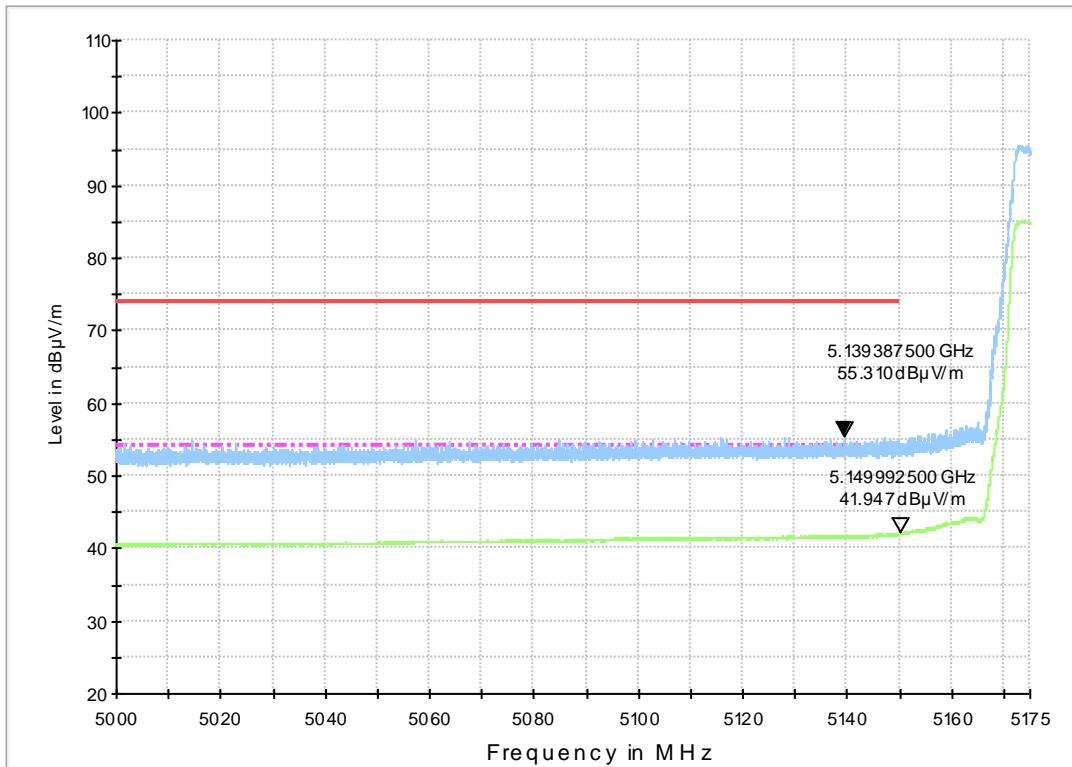


Fig.64 Band Edges (802.11n-HT40, 5190MHz)

RE - Power-5.325GHz-5.460GHz

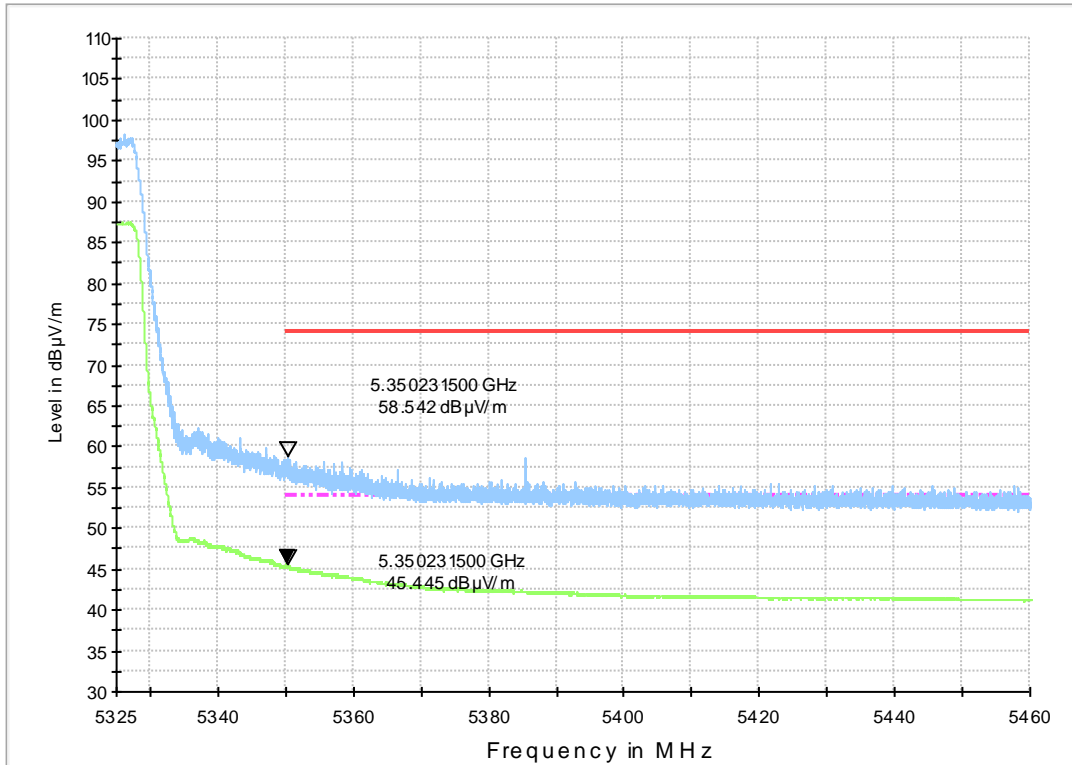


Fig.65 Band Edges (802.11n-HT40, 5310MHz)

RE - Power-5.35GHz-5.50GHz

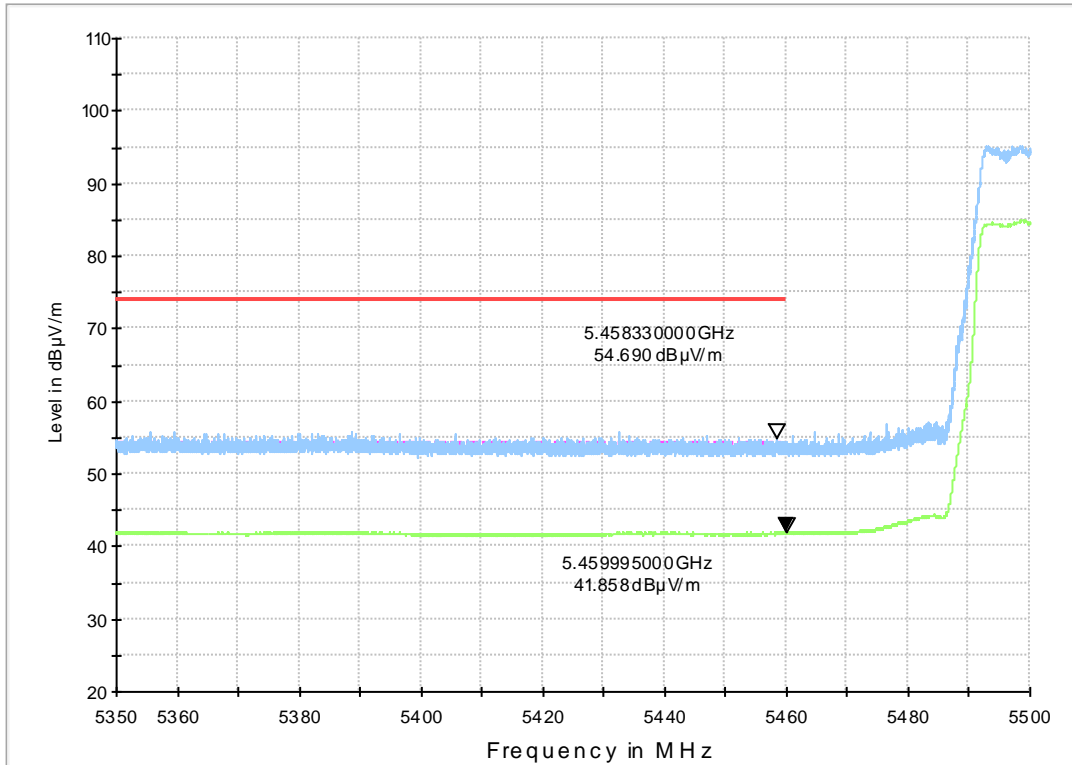


Fig.66 Band Edges (802.11n-HT40, 5510MHz)

RE - Power-5.70GHz-5.825GHz

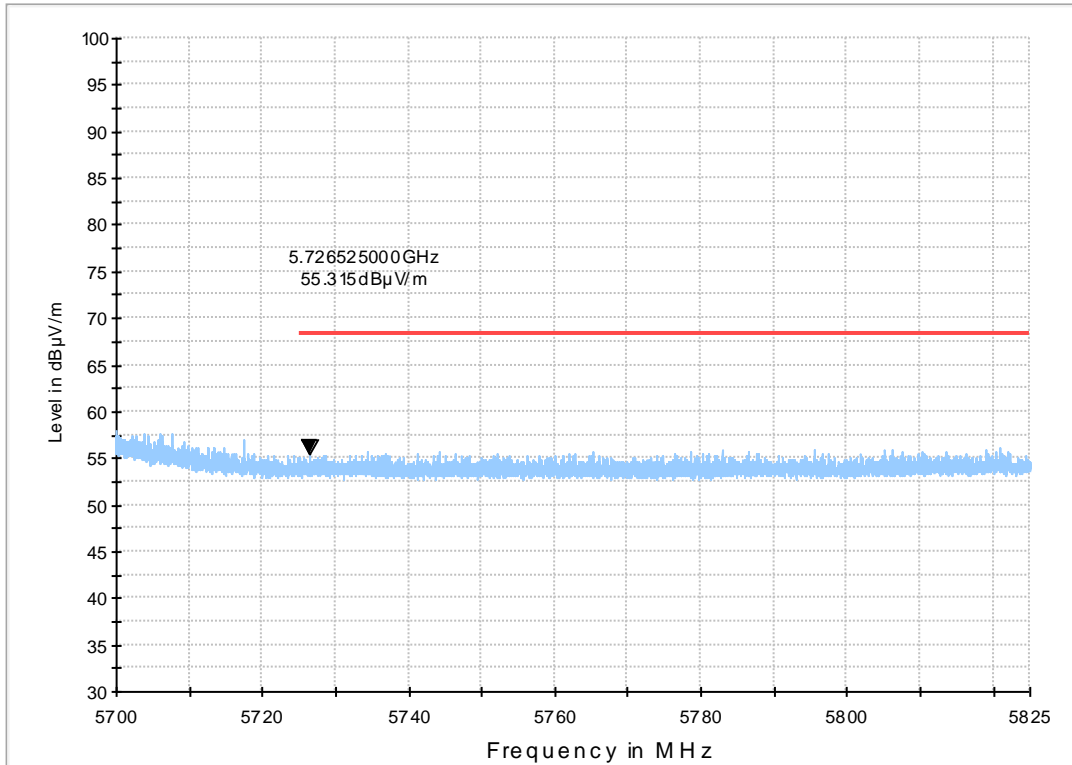


Fig.67 Band Edges (802.11n-HT40, 5670MHz)

RE - Power-5.000GHz-5.175GHz

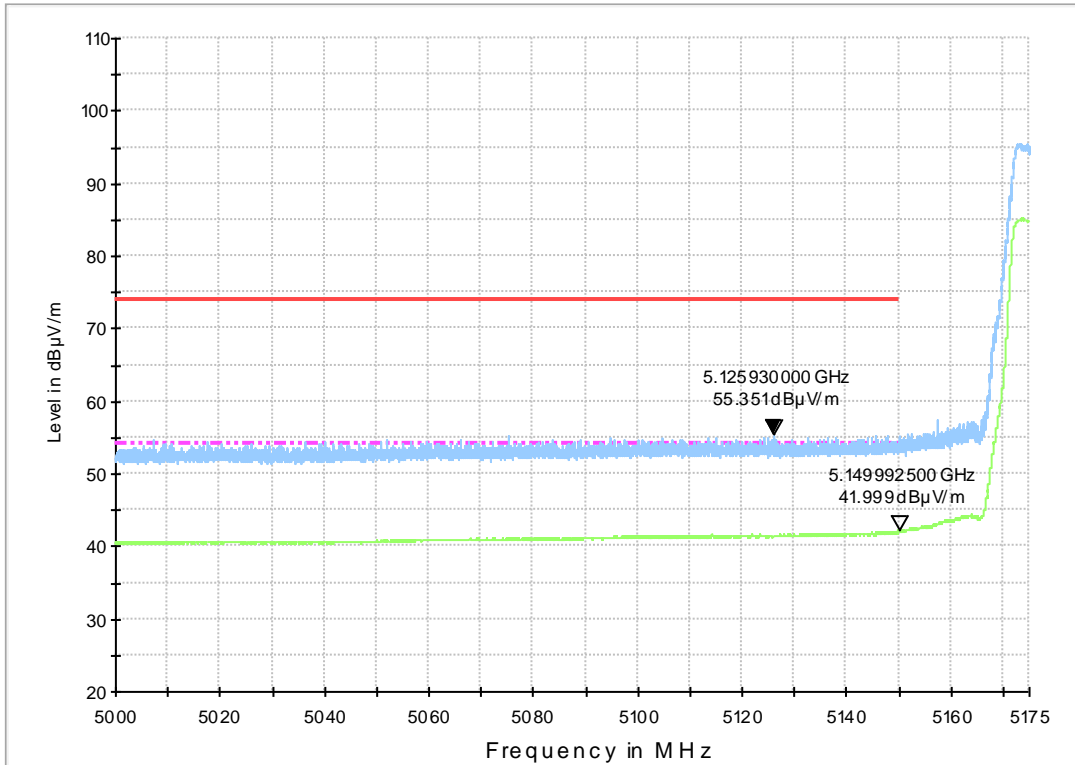


Fig.68 Band Edges (802.11ac-HT40, 5190MHz)

RE - Power-5.325GHz-5.460GHz

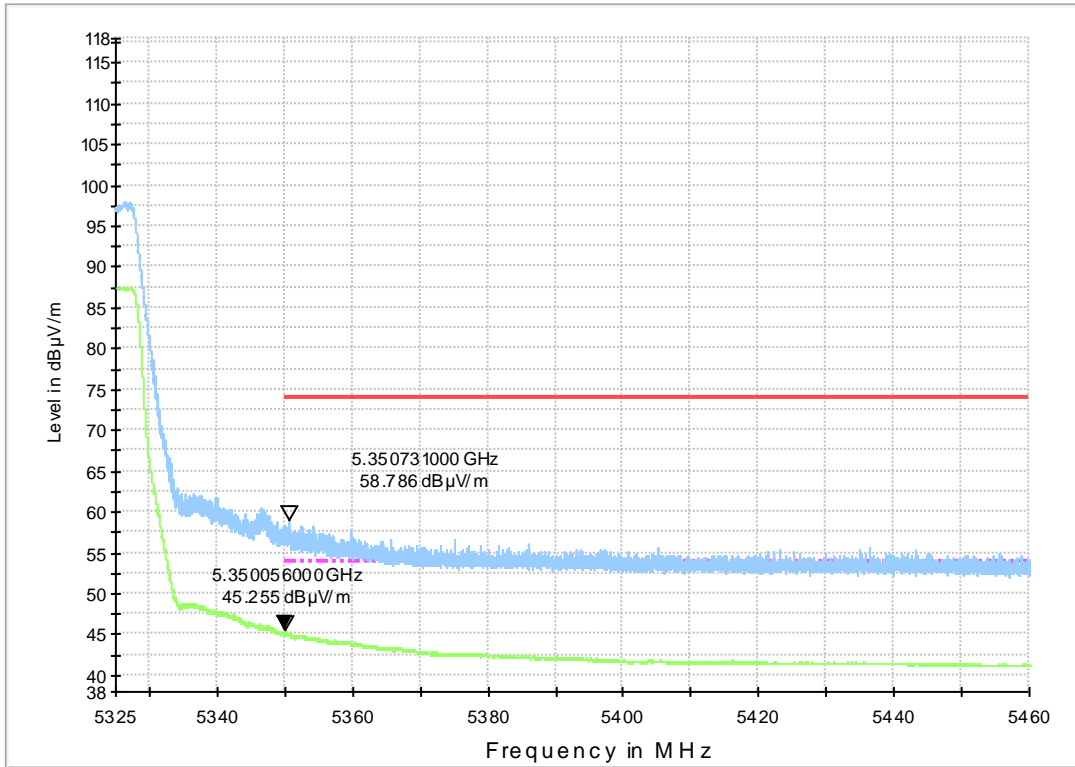


Fig.69 Band Edges (802.11ac-HT40, 5310MHz)

RE - Power-5.35GHz-5.50GHz

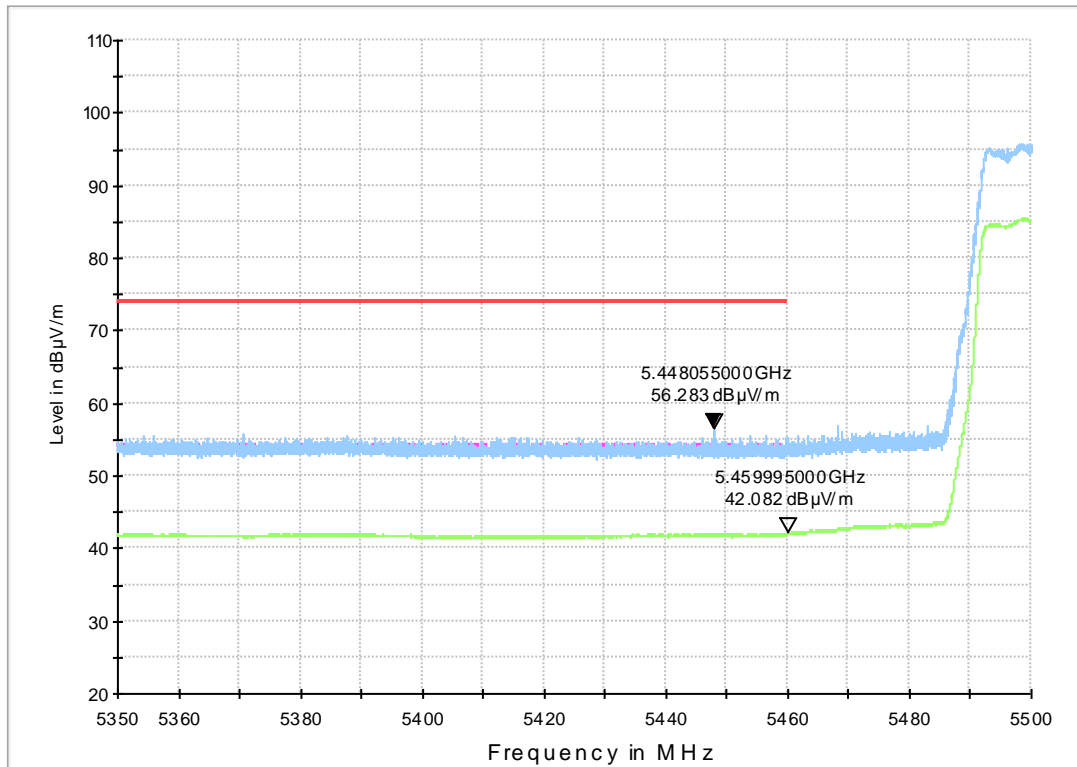


Fig.70 Band Edges (802.11ac-HT40, 5510MHz)

RE - Power-5.70GHz-5.825GHz

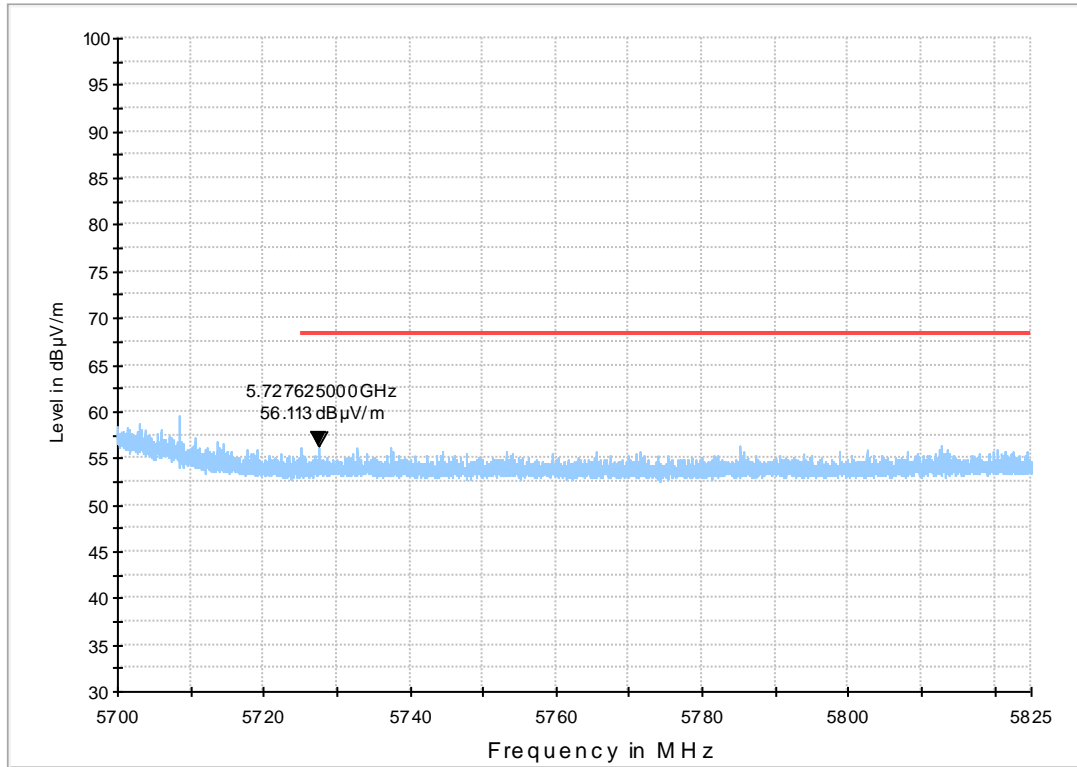
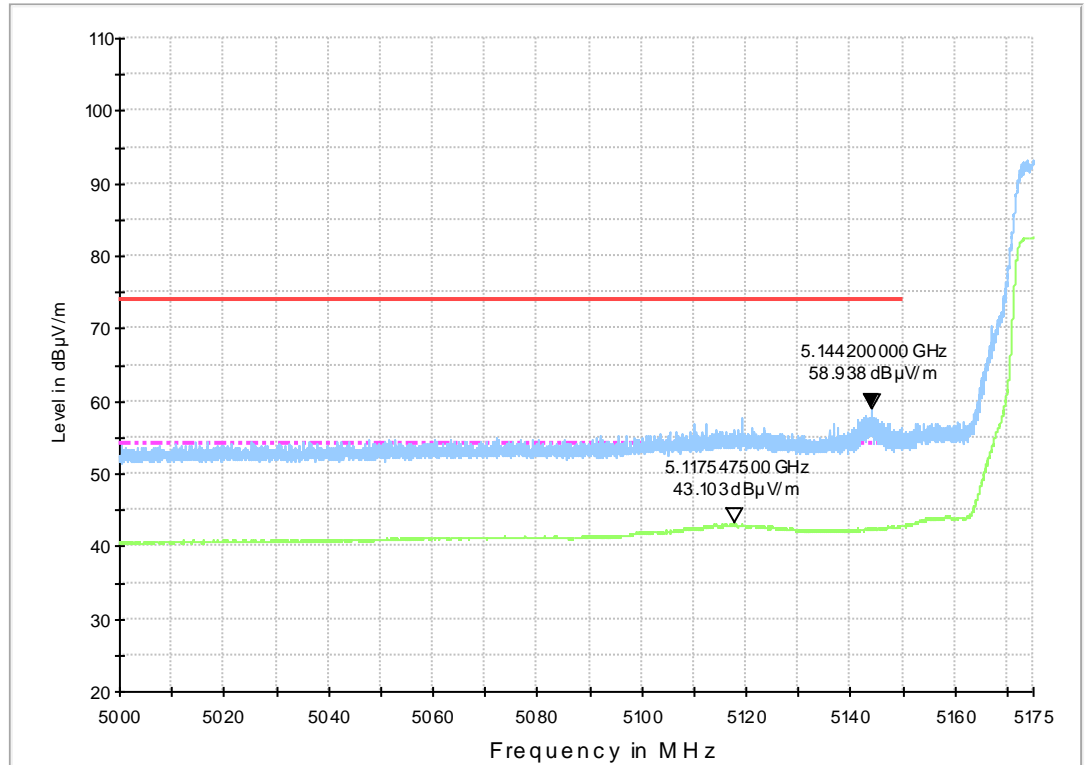


Fig.71 Band Edges (802.11ac-HT40, 5670MHz)

RE - Power-5.000GHz-5.175GHz

**Fig.72 Band Edges (802.11ac-HT80, 5210MHz)**

RE - Power-5.325GHz-5.460GHz

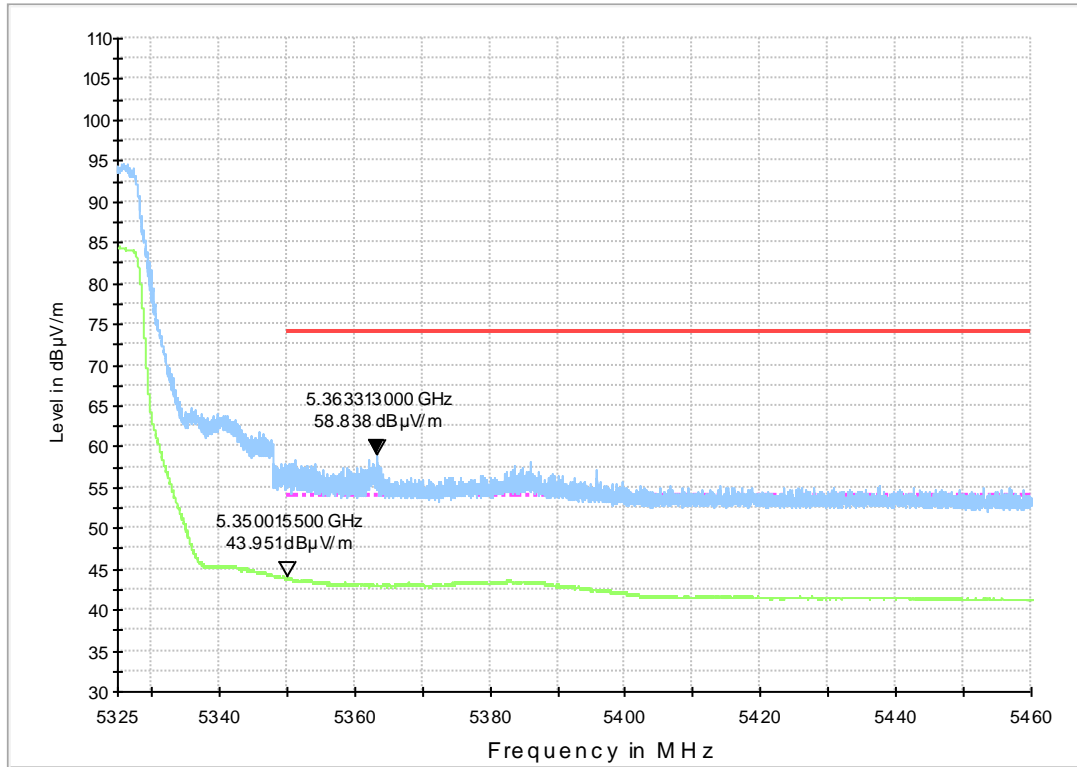


Fig.73 Band Edges (802.11ac-HT80, 5290MHz)

RE - Power-5.35GHz-5.50GHz

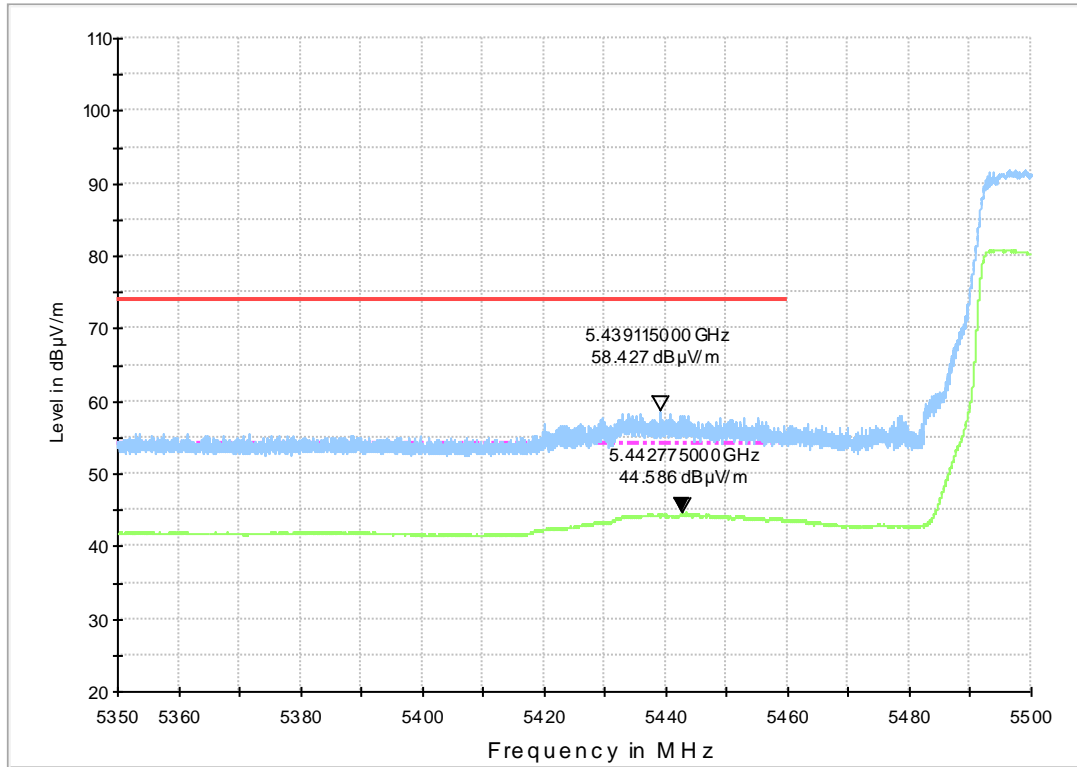


Fig.74 Band Edges (802.11ac-HT80, 5530MHz)

B.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 cable loss(the gain of the preamplifier), the gain of receive antenna.

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

The measurement results are obtained as described below:

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

Average
802.11a

Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5146.000	39.5	-23.3	34.3	28.49	54.0	14.5	H	155	28
5150.000	39.6	-23.3	34.3	28.61	54.0	14.4	H	155	46
10939.100	33.0	-30.0	38.0	25.05	54.0	21.0	H	155	8
15540.400	35.5	-24.5	40.1	19.80	54.0	18.5	H	155	6
17892.392	38.6	-22.6	41.5	19.65	54.0	15.4	H	155	24
17893.300	39.1	-22.6	41.5	20.16	54.0	14.9	H	155	185

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.5	-23.3	34.3	28.51	54.0	14.5	H	155	28
5352.000	39.7	-22.3	34.3	27.60	54.0	14.3	H	155	248
11015.000	33.4	-29.8	38.0	25.24	54.0	20.6	H	155	38
15599.800	35.6	-24.5	40.2	19.91	54.0	18.4	H	155	98
17792.100	38.4	-22.4	41.5	19.23	54.0	15.6	H	155	183
17893.300	39.0	-22.6	41.5	20.05	54.0	15.0	H	155	356

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.2	-23.3	34.3	28.21	54.0	14.8	H	155	20
5352.400	39.8	-22.3	34.3	27.74	54.0	14.2	H	155	18
11044.700	33.4	-29.8	38.0	25.17	54.0	20.6	H	155	90
15719.700	35.3	-24.4	40.4	19.31	54.0	18.7	H	155	114
17778.900	38.5	-22.4	41.5	19.32	54.0	15.5	H	155	36
17893.300	38.9	-22.6	41.5	20.03	54.0	15.1	H	155	2

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5141.600	39.2	-23.3	34.3	28.20	54.0	14.8	H	155	175
5384.400	39.6	-22.3	34.4	27.53	54.0	14.4	H	155	194
11334.000	33.5	-30.1	38.1	25.44	54.0	20.5	H	155	215
15780.200	35.5	-24.2	40.4	19.23	54.0	18.5	H	155	196
17817.400	38.6	-22.4	41.5	19.48	54.0	15.4	H	155	241
17912.000	39.1	-22.6	41.5	20.25	54.0	14.9	H	155	259

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5143.600	39.1	-23.3	34.3	28.13	54.0	14.9	H	155	40
5352.400	39.9	-22.3	34.3	27.90	54.0	14.1	H	155	65
11831.200	33.6	-29.2	38.5	24.28	54.0	20.4	H	155	84
15839.600	35.9	-24.1	40.5	19.48	54.0	18.1	H	155	107
17775.600	38.6	-22.4	41.5	19.41	54.0	15.4	H	155	135
17832.800	39.1	-22.5	41.5	20.00	54.0	14.9	H	155	151

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5382.800	39.6	-22.3	34.4	27.50	54.0	14.4	H	155	4
5356.000	39.7	-22.3	34.3	27.64	54.0	14.3	H	155	26
10639.900	35.8	-29.3	37.9	27.29	54.0	18.2	H	155	356
15959.500	36.0	-23.8	40.7	19.15	54.0	18.0	H	155	348
17761.300	38.6	-22.3	41.5	19.33	54.0	15.4	H	155	174
17908.700	39.2	-22.6	41.5	20.28	54.0	14.8	H	155	112

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5458.000	39.9	-22.7	34.4	28.20	54.0	14.1	H	155	20
5459.200	39.9	-22.7	34.4	28.17	54.0	14.1	H	155	18
11001.800	36.6	-29.9	38.0	28.42	54.0	17.4	H	155	49
16814.200	37.9	-23.0	41.9	18.91	54.0	16.1	H	155	335
17762.400	38.7	-22.3	41.5	19.47	54.0	15.3	H	155	180
17910.900	39.2	-22.6	41.5	20.29	54.0	14.8	H	155	8

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5423.600	39.4	-22.5	34.4	27.55	54.0	14.6	H	155	90
5439.600	39.5	-22.6	34.4	27.78	54.0	14.5	H	155	114
11199.800	34.9	-30.4	38.1	27.26	54.0	19.1	H	155	25
16103.600	36.8	-23.4	40.9	19.32	54.0	17.2	H	155	350
17734.900	38.8	-22.3	41.6	19.51	54.0	15.2	H	155	92
17829.500	39.0	-22.5	41.5	19.90	54.0	15.0	H	155	85

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5383.200	39.6	-22.3	34.4	27.52	54.0	14.4	H	155	6
5392.400	39.5	-22.3	34.4	27.40	54.0	14.5	H	155	2
11400.000	35.4	-29.7	38.2	26.92	54.0	18.6	H	155	4
17749.200	38.8	-22.3	41.5	19.51	54.0	15.2	H	155	68
17830.600	38.8	-22.5	41.5	19.75	54.0	15.2	H	155	46
17912.000	39.1	-22.6	41.5	20.19	54.0	14.9	H	155	246

802.11n-HT20

Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5146.800	39.7	-23.3	34.3	28.74	54.0	14.3	H	155	18
5150.000	39.7	-23.3	34.3	28.71	54.0	14.3	H	155	56
11018.300	33.4	-29.8	38.0	25.22	54.0	20.6	H	155	139
15540.400	35.4	-24.5	40.1	19.71	54.0	18.6	H	155	108
17777.800	38.6	-22.4	41.5	19.37	54.0	15.4	H	155	78
17817.400	38.8	-22.4	41.5	19.71	54.0	15.2	H	155	36

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.5	-23.3	34.3	28.47	54.0	14.5	H	155	268
5354.000	39.7	-22.3	34.3	27.66	54.0	14.3	H	155	138
11792.700	33.4	-29.4	38.5	24.29	54.0	20.6	H	155	104
15591.000	36.0	-24.5	40.2	20.33	54.0	18.0	H	155	40
17718.400	38.6	-22.2	41.6	19.29	54.0	15.4	H	155	28
17906.500	39.1	-22.6	41.5	20.18	54.0	14.9	H	155	8

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.2	-23.3	34.3	28.19	54.0	14.8	H	155	16
5352.400	39.8	-22.3	34.3	27.74	54.0	14.2	H	155	48
11273.500	33.3	-30.3	38.1	25.55	54.0	20.7	H	155	80
15719.700	35.3	-24.4	40.4	19.32	54.0	18.7	H	155	8
17733.800	38.6	-22.3	41.6	19.29	54.0	15.4	H	155	102
17748.100	38.9	-22.3	41.6	19.63	54.0	15.1	H	155	118

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5140.800	39.1	-23.3	34.3	28.14	54.0	14.9	H	155	130
5354.000	39.8	-22.3	34.3	27.76	54.0	14.2	H	155	152
11148.100	33.2	-30.4	38.1	25.53	54.0	20.8	H	155	90
15780.200	35.4	-24.2	40.4	19.17	54.0	18.6	H	155	114
17715.100	38.7	-22.2	41.6	19.40	54.0	15.3	H	155	36
17785.500	38.9	-22.4	41.5	19.76	54.0	15.1	H	155	2

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5141.600	39.1	-23.3	34.3	28.17	54.0	14.9	H	155	16
5354.000	40.0	-22.3	34.3	27.98	54.0	14.0	H	155	48
11049.100	33.5	-29.8	38.0	25.23	54.0	20.5	H	155	80
15839.600	35.9	-24.1	40.5	19.46	54.0	18.1	H	155	8
17727.200	38.6	-22.2	41.6	19.30	54.0	15.4	H	155	102
17826.200	38.9	-22.5	41.5	19.85	54.0	15.1	H	155	118

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5354.800	40.7	-22.3	34.3	28.65	54.0	13.3	H	155	28
5360.000	40.4	-22.3	34.3	28.33	54.0	13.6	H	155	46
10639.900	34.5	-29.3	37.9	25.93	54.0	19.5	H	155	8
15959.500	35.9	-23.8	40.7	19.09	54.0	18.1	H	155	6
17742.600	38.7	-22.3	41.6	19.38	54.0	15.3	H	155	24
17910.900	39.2	-22.6	41.5	20.33	54.0	14.8	H	155	185

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5361.200	39.8	-22.3	34.3	27.70	54.0	14.2	H	155	168
5454.000	39.8	-22.7	34.4	28.15	54.0	14.2	H	155	6
10999.600	35.6	-29.9	38.0	27.48	54.0	18.4	H	155	207
16121.200	36.7	-23.3	40.9	19.18	54.0	17.3	H	155	126
17722.800	38.6	-22.2	41.6	19.32	54.0	15.4	H	155	128
17912.000	39.0	-22.6	41.5	20.15	54.0	15.0	H	155	4

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5354.000	39.8	-22.3	34.3	27.73	54.0	14.2	H	155	28
5448.000	39.5	-22.7	34.4	27.85	54.0	14.5	H	155	46
11199.800	34.1	-30.4	38.1	26.47	54.0	19.9	H	155	95
16191.600	36.9	-23.2	41.0	19.12	54.0	17.1	H	155	108
17810.800	38.4	-22.4	41.5	19.32	54.0	15.6	H	155	128
17912.000	39.0	-22.6	41.5	20.09	54.0	15.0	H	155	256

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5355.600	39.7	-22.3	34.3	27.68	54.0	14.3	H	155	226
5390.800	39.7	-22.3	34.4	27.60	54.0	14.3	H	155	92
11400.000	35.5	-29.7	38.2	27.09	54.0	18.5	H	155	94
17718.400	38.7	-22.2	41.6	19.37	54.0	15.3	H	155	112
17827.300	38.6	-22.5	41.5	19.56	54.0	15.4	H	155	4
17916.400	38.8	-22.7	41.5	19.91	54.0	15.2	H	155	28

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5148.000	39.8	-23.3	34.3	28.81	54.0	14.2	H	155	8
5150.000	40.0	-23.3	34.3	29.03	54.0	14.0	H	155	52
11018.300	33.5	-29.8	38.0	25.29	54.0	20.5	H	155	18
15570.100	35.5	-24.5	40.2	19.82	54.0	18.5	H	155	6
17876.800	38.2	-22.6	41.5	19.22	54.0	15.8	H	155	48
17827.300	38.9	-22.5	41.5	19.83	54.0	15.1	H	155	128

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.4	-23.3	34.3	28.38	54.0	14.6	H	155	20
5352.000	39.7	-22.3	34.3	27.68	54.0	14.3	H	155	248
11144.800	33.3	-30.4	38.1	25.62	54.0	20.7	H	155	49
15690.000	35.7	-24.4	40.3	19.82	54.0	18.3	H	155	82
17836.100	38.7	-22.5	41.5	19.63	54.0	15.3	H	155	168
17831.700	39.0	-22.5	41.5	19.94	54.0	15.0	H	155	8

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5149.600	39.1	-23.3	34.3	28.15	54.0	14.9	H	155	354
5352.400	40.2	-22.3	34.3	28.17	54.0	13.8	H	155	22
11046.900	33.4	-29.8	38.0	25.21	54.0	20.6	H	155	350
15809.900	35.9	-24.1	40.5	19.52	54.0	18.1	H	155	345
17818.500	38.5	-22.5	41.5	19.39	54.0	15.5	H	155	180
17828.400	39.0	-22.5	41.5	19.90	54.0	15.0	H	155	180

Channel 62

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5350.000	44.3	-22.3	34.3	32.26	54.0	9.7	H	155	6
5350.800	44.1	-22.3	34.3	32.01	54.0	9.9	H	155	44
10620.100	33.5	-29.2	37.8	24.87	54.0	20.5	H	155	88
15809.900	35.9	-24.1	40.5	19.52	54.0	18.1	H	155	48
17818.500	38.5	-22.5	41.5	19.39	54.0	15.5	H	155	64
17899.900	39.1	-22.6	41.5	20.18	54.0	14.9	H	155	92

Channel 102

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5436.000	40.0	-22.6	34.4	28.23	54.0	14.0	H	155	16
5460.000	40.0	-22.7	34.4	28.35	54.0	14.0	H	155	48
11019.400	35.2	-29.8	38.0	27.00	54.0	18.8	H	155	295
16112.400	36.6	-23.4	40.9	19.13	54.0	17.4	H	155	94
17734.900	38.8	-22.3	41.6	19.50	54.0	15.2	H	155	275
17919.700	38.9	-22.7	41.5	20.06	54.0	15.1	H	155	3

Channel 118

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5386.400	39.6	-22.3	34.4	27.52	54.0	14.4	H	155	92
5440.000	39.5	-22.6	34.4	27.75	54.0	14.5	H	155	136
11173.400	33.7	-30.5	38.1	26.13	54.0	20.3	H	155	0
17892.200	38.7	-22.6	41.5	19.82	54.0	15.3	H	155	82
17921.900	38.7	-22.7	41.5	19.84	54.0	15.3	H	155	267
17770.100	39.0	-22.3	41.5	19.78	54.0	15.0	H	155	358

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5354.400	39.8	-22.3	34.3	27.71	54.0	14.2	H	155	226
5360.800	39.7	-22.3	34.3	27.68	54.0	14.3	H	155	92
11330.000	34.1	-30.1	38.1	26.07	54.0	19.9	H	155	136
17712.900	38.9	-22.2	41.6	19.52	54.0	15.1	H	155	0
17774.500	38.7	-22.4	41.5	19.52	54.0	15.3	H	155	40
17906.500	38.8	-22.6	41.5	19.91	54.0	15.2	H	155	15

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Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5145.600	39.6	-23.3	34.3	28.65	54.0	14.4	H	155	6
5150.000	39.7	-23.3	34.3	28.70	54.0	14.3	H	155	48
11042.500	33.4	-29.8	38.0	25.17	54.0	20.6	H	155	92
15540.400	35.4	-24.5	40.1	19.72	54.0	18.6	H	155	48
17794.300	38.6	-22.4	41.5	19.42	54.0	15.4	H	155	68
17905.400	39.0	-22.6	41.5	20.15	54.0	15.0	H	155	92

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.4	-23.3	34.3	28.42	54.0	14.6	H	155	92
5352.000	39.7	-22.3	34.3	27.64	54.0	14.3	H	155	26
11008.400	33.3	-29.9	38.0	25.15	54.0	20.7	H	155	222
12459.300	33.9	-28.3	39.0	23.28	54.0	20.1	H	155	248
15817.600	36.4	-24.1	40.5	20.02	54.0	17.6	H	155	46
17780.000	38.9	-22.4	41.5	19.77	54.0	15.1	H	155	68

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.3	-23.3	34.3	28.30	54.0	14.7	H	155	8
5352.400	39.8	-22.3	34.3	27.77	54.0	14.2	H	155	28
11285.600	33.5	-30.3	38.1	25.67	54.0	20.5	H	155	119
15719.700	35.3	-24.4	40.4	19.31	54.0	18.7	H	155	146
17893.300	38.6	-22.6	41.5	19.65	54.0	15.4	H	155	76
17904.300	39.0	-22.6	41.5	20.15	54.0	15.0	H	155	94

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5144.400	39.2	-23.3	34.3	28.23	54.0	14.8	H	155	92
5355.600	39.8	-22.3	34.3	27.77	54.0	14.2	H	155	160
12373.500	34.5	-28.0	38.9	23.52	54.0	19.5	H	155	118
15780.200	35.4	-24.2	40.4	19.14	54.0	18.6	H	155	0
17775.000	38.6	-22.4	41.5	19.37	54.0	15.4	H	155	18
17905.400	39.1	-22.6	41.5	20.16	54.0	15.0	H	155	38

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5149.200	39.2	-23.3	34.3	28.19	54.0	14.8	H	155	80
5354.400	40.0	-22.3	34.3	27.99	54.0	14.0	H	155	106
11046.900	33.4	-29.8	38.0	25.17	54.0	20.6	H	155	134
15839.600	35.9	-24.1	40.5	19.44	54.0	18.1	H	155	154
17797.600	38.5	-22.4	41.5	19.36	54.0	15.5	H	155	176
17781.100	38.9	-22.4	41.5	19.77	54.0	15.1	H	155	196

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5350.400	40.8	-22.3	34.3	28.75	54.0	13.2	H	155	180
5352.400	40.8	-22.3	34.3	28.70	54.0	13.2	H	155	194
10639.000	34.9	-29.3	37.9	26.33	54.0	19.1	H	155	212
15959.500	36.0	-23.8	40.7	19.13	54.0	18.0	H	155	0
17817.400	38.5	-22.4	41.5	19.39	54.0	15.5	H	155	40
17912.000	39.1	-22.6	41.5	20.25	54.0	14.9	H	155	260

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5447.200	39.8	-22.7	34.4	28.13	54.0	14.2	H	155	18
5451.200	39.9	-22.7	34.4	28.18	54.0	14.1	H	155	4
10998.500	35.0	-29.9	38.0	26.91	54.0	19.0	H	155	40
16143.200	37.0	-23.3	40.9	19.35	54.0	17.0	H	155	28
17714.000	38.8	-22.2	41.6	19.44	54.0	15.2	H	155	4
17894.400	38.8	-22.6	41.5	19.93	54.0	15.2	H	155	40

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5357.600	39.7	-22.3	34.3	27.65	54.0	14.3	H	155	92
5388.400	39.6	-22.3	34.4	27.53	54.0	14.4	H	155	22
11199.800	34.8	-30.4	38.1	27.19	54.0	19.2	H	155	222
17737.100	38.7	-22.3	41.6	19.43	54.0	15.3	H	155	248
17786.600	38.6	-22.4	41.5	19.44	54.0	15.4	H	155	46
17903.200	38.8	-22.6	41.5	19.90	54.0	15.2	H	155	68

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5352.400	39.7	-22.3	34.3	27.62	54.0	14.3	H	155	10
5359.200	39.6	-22.3	34.3	27.57	54.0	14.4	H	155	130
11400.000	35.2	-29.7	38.2	26.73	54.0	18.8	H	155	224
17754.700	38.7	-22.3	41.5	19.42	54.0	15.3	H	155	22
17932.900	38.5	-22.7	41.5	19.70	54.0	15.5	H	155	60
17945.000	38.9	-22.7	41.5	20.13	54.0	15.1	H	155	36

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5148.000	39.8	-23.3	34.3	28.82	54.0	14.2	H	155	4
5150.000	40.0	-23.3	34.3	29.01	54.0	14.0	H	155	26
11298.800	33.4	-30.2	38.1	25.47	54.0	20.6	H	155	356
15570.100	35.6	-24.5	40.2	19.91	54.0	18.4	H	155	348
17775.600	38.6	-22.4	41.5	19.37	54.0	15.4	H	155	174
17910.900	39.1	-22.6	41.5	20.20	54.0	14.9	H	155	112

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5150.000	39.4	-23.3	34.3	28.43	54.0	14.6	H	155	270
5351.200	39.8	-22.3	34.3	27.78	54.0	14.2	H	155	140
11395.600	33.3	-29.7	38.2	24.87	54.0	20.7	H	155	90
15690.000	35.7	-24.4	40.3	19.76	54.0	18.3	H	155	45
17828.400	38.5	-22.5	41.5	19.49	54.0	15.5	H	155	0
17886.700	38.9	-22.6	41.5	20.02	54.0	15.1	H	155	0

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5148.800	39.2	-23.3	34.3	28.22	54.0	14.8	H	155	262
5351.200	40.3	-22.3	34.3	28.28	54.0	13.7	H	155	132
11374.700	33.3	-29.9	38.2	25.04	54.0	20.7	H	155	104
15809.900	36.0	-24.1	40.5	19.66	54.0	18.0	H	155	40
17895.500	38.8	-22.6	41.5	19.86	54.0	15.2	H	155	24
17826.200	38.9	-22.5	41.5	19.87	54.0	15.1	H	155	8

Channel 62

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5350.000	44.7	-22.3	34.3	32.66	54.0	9.3	H	155	2
5351.600	44.1	-22.3	34.3	32.06	54.0	9.9	H	155	6
10619.000	33.6	-29.2	37.8	24.97	54.0	20.4	H	155	20
15929.800	35.9	-23.9	40.6	19.15	54.0	18.1	H	155	348
17877.900	38.3	-22.6	41.5	19.39	54.0	15.7	H	155	90
17809.700	38.6	-22.4	41.5	19.51	54.0	15.4	H	155	88

Channel 102

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5456.400	40.1	-22.7	34.4	28.37	54.0	13.9	H	155	86
5460.000	40.2	-22.7	34.4	28.50	54.0	13.8	H	155	107
11019.400	34.7	-29.8	38.0	26.51	54.0	19.3	H	155	25
16146.500	37.0	-23.3	40.9	19.32	54.0	17.0	H	155	70
17701.900	39.0	-22.2	41.6	19.65	54.0	15.0	H	155	135
17742.600	39.0	-22.3	41.6	19.71	54.0	15.0	H	155	270

Channel 118

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5382.800	39.7	-22.3	34.4	27.59	54.0	14.3	H	155	135
5437.600	39.5	-22.6	34.4	27.73	54.0	14.5	H	155	160
11178.900	34.1	-30.4	38.1	26.46	54.0	19.9	H	155	4
17717.300	38.7	-22.2	41.6	19.40	54.0	15.3	H	155	6
17778.900	38.7	-22.4	41.5	19.49	54.0	15.3	H	155	25
17909.800	39.1	-22.6	41.5	20.20	54.0	14.9	H	155	186

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5382.400	39.7	-22.3	34.4	27.65	54.0	14.3	H	155	142
5433.600	39.4	-22.6	34.4	27.60	54.0	14.6	H	155	168
11339.500	34.1	-30.0	38.1	26.03	54.0	19.9	H	155	70
17733.800	38.9	-22.3	41.6	19.60	54.0	15.1	H	155	8
17789.000	38.5	-22.4	41.5	19.34	54.0	15.5	H	155	48
17895.500	38.9	-22.6	41.5	19.96	54.0	15.1	H	155	246

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Channel 42

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5116.000	41.1	-23.4	34.3	30.14	54.0	12.9	H	155	6
5150.000	40.9	-23.3	34.3	29.89	54.0	13.1	H	155	18
11027.100	33.5	-29.8	37.9	25.41	54.0	20.5	H	155	255
15629.500	35.7	-27.9	39.0	24.60	54.0	18.3	H	155	0
17747.000	38.8	-23.3	41.0	21.14	54.0	15.2	H	155	166
17896.600	39.2	-22.6	41.3	20.51	54.0	14.8	H	155	174

Channel 58

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5350.000	42.1	-22.3	34.5	29.92	54.0	11.9	H	155	90
5383.600	41.6	-22.3	34.5	29.37	54.0	12.4	H	155	120
10933.600	32.9	-30.0	37.9	25.05	54.0	21.1	H	155	128
15870.400	35.9	-27.9	39.0	24.85	54.0	18.1	H	155	148
17833.900	38.7	-23.6	40.8	21.56	54.0	15.3	H	155	170
17945.000	38.9	-22.7	41.3	20.33	54.0	15.1	H	155	194

Channel 106

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5442.800	42.9	-22.6	34.6	31.00	54.0	11.1	H	155	20
5445.200	42.9	-22.7	34.6	31.04	54.0	11.1	H	155	42
11363.700	33.5	-29.9	38.3	25.06	54.0	20.5	H	155	4
17743.700	38.7	-27.9	39.1	27.55	54.0	15.3	H	155	0
17785.500	38.7	-23.5	40.9	21.36	54.0	15.3	H	155	24
17912.000	38.9	-22.4	41.3	19.98	54.0	15.1	H	155	170

Channel 122

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5382.800	39.7	-22.3	34.5	27.50	54.0	14.3	H	155	170
5392.800	39.5	-22.3	34.5	27.32	54.0	14.5	H	155	150
11200.000	33.4	-29.9	37.9	25.33	54.0	20.6	H	155	20
17747.000	38.8	-27.9	39.0	27.74	54.0	15.2	H	155	180
17802.000	38.5	-23.4	40.9	20.99	54.0	15.5	H	155	202
17873.500	38.5	-22.6	41.3	19.78	54.0	15.5	H	155	8

Peak
802.11a
 Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5111.283	55.3	-23.4	34.2	44.42	74.0	18.7	H	155	22
5149.170	55.5	-23.3	34.3	44.47	74.0	18.5	H	155	44
10361.050	49.7	-29.7	37.6	41.75	68.3	18.6	V	155	0
15539.850	52.3	-24.5	40.1	36.60	74.0	21.7	H	155	0
16836.200	57.3	-23.0	42.0	38.36	68.3	11.0	V	155	22
17088.650	57.5	-23.0	42.1	38.47	68.3	10.8	H	155	176

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5173.800	55.0	-23.2	34.3	43.91	68.3	13.3	H	155	22
5291.800	55.3	-22.7	34.3	43.67	68.3	13.0	H	155	242
10400.100	47.8	-29.3	37.7	39.44	68.3	20.5	V	155	44
15599.800	51.6	-24.5	40.2	35.86	74.0	22.4	H	155	88
16889.550	57.9	-23.0	42.0	38.85	68.3	10.4	V	155	176
16974.250	57.9	-23.0	42.2	38.72	68.3	10.4	H	155	0

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5187.200	54.4	-23.2	34.3	43.36	68.3	13.9	H	155	22
5282.200	55.0	-22.8	34.3	43.54	68.3	13.3	H	155	22
10478.200	48.2	-29.6	37.8	39.94	68.3	20.1	H	155	88
15720.250	52.2	-24.4	40.4	36.15	74.0	21.8	V	155	110
16825.750	56.8	-23.0	42.0	37.85	68.3	11.5	V	155	44
17093.050	57.0	-23.0	42.1	37.91	68.3	11.3	H	155	0

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5237.000	55.8	-23.4	34.3	44.90	68.3	12.5	V	155	176
5295.800	54.6	-22.7	34.3	42.98	68.3	13.7	H	155	198
10517.800	48.4	-29.7	37.8	40.29	68.3	19.9	V	155	220
15780.200	51.0	-24.2	40.4	40.12	74.0	23.0	H	155	198
16790.000	57.2	-23.0	41.9	42.49	68.3	11.1	H	155	242
16981.400	57.9	-23.0	42.2	38.73	68.3	10.4	V	155	264

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5241.400	54.0	-23.3	34.3	43.02	68.3	14.3	H	155	88
5328.400	55.3	-22.4	34.3	43.37	68.3	13.0	H	155	110
10561.250	50.1	-29.4	37.8	41.70	68.3	18.2	H	155	88
15840.150	51.3	-24.1	40.5	36.78	68.3	17.0	V	155	110
16882.400	57.1	-23.0	42.0	42.35	68.3	11.2	V	155	132
17032.500	58.0	-23.0	42.2	38.86	68.3	10.3	H	155	154

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5355.348	56.0	-22.3	34.3	43.92	74.0	18.0	H	155	0
5375.558	56.3	-22.3	34.4	44.26	74.0	17.7	V	155	22
10641.000	49.8	-29.3	37.9	42.66	74.0	24.2	V	155	352
15960.050	53.2	-23.8	40.7	39.52	74.0	20.8	V	155	352
16850.500	57.4	-23.0	42.0	42.64	68.3	10.9	V	155	176
16947.300	57.5	-23.0	42.1	38.39	68.3	10.8	V	155	110

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5454.610	54.9	-22.7	34.4	43.18	74.0	19.1	H	155	22
5458.735	55.0	-22.7	34.4	43.34	74.0	19.0	H	155	22
11196.500	49.1	-30.4	38.1	40.80	74.0	24.9	V	155	44
16799.900	55.9	-23.0	41.9	38.90	68.3	12.4	H	155	330
17046.300	57.2	-23.0	42.1	37.06	68.3	11.1	H	155	176
17117.250	58.1	-23.0	42.1	39.12	68.3	10.2	H	155	0

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5563.000	55.0	-22.6	34.5	43.15	68.3	13.3	H	155	88
5639.600	54.7	-22.8	34.7	42.85	68.3	13.6	V	155	110
10148.200	48.0	-30.1	37.4	40.75	74.0	26.0	V	155	22
13735.850	51.4	-26.7	39.2	39.00	68.3	16.9	V	155	352
14910.100	53.9	-25.0	39.8	39.08	68.3	14.4	V	155	88
16969.850	57.7	-23.0	42.2	38.55	68.3	10.6	V	155	88

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5727.438	56.3	-23.0	34.8	44.44	68.3	12.0	V	155	0
5730.100	60.2	-23.0	34.8	48.40	68.3	8.1	H	155	0
11390.100	49.0	-29.8	38.2	41.94	68.3	19.3	H	155	0
17100.200	55.1	-23.0	42.1	39.43	68.3	13.2	V	155	66
17120.000	58.1	-23.0	42.1	38.47	68.3	10.2	V	155	44
17243.750	56.3	-22.8	41.9	39.05	68.3	12.0	H	155	242

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Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5140.123	55.4	-23.3	34.3	44.47	74.0	18.6	H	155	22
5149.923	55.2	-23.3	34.3	44.17	74.0	18.8	H	155	44
10353.350	50.2	-29.7	37.6	42.33	68.3	18.1	H	155	132
15539.850	51.9	-24.5	40.1	36.26	74.0	22.1	V	155	110
16826.850	56.7	-23.0	42.0	37.77	68.3	11.6	H	155	88
17016.600	57.9	-23.0	42.2	38.79	68.3	10.4	H	155	44

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5175.800	55.1	-23.2	34.3	44.06	68.3	13.2	H	155	264
5222.600	57.3	-23.3	34.3	46.33	68.3	11.0	H	155	132
10395.700	48.9	-29.4	37.7	40.61	68.3	19.4	H	155	110
15599.800	51.2	-24.5	40.2	35.48	74.0	22.8	H	155	44
16628.300	57.4	-23.3	41.7	39.03	68.3	10.9	H	155	22
17067.200	57.5	-23.0	42.1	38.44	68.3	10.8	V	155	0

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5210.600	55.7	-23.3	34.3	44.70	68.3	12.6	H	155	22
5269.400	55.4	-23.0	34.3	44.02	68.3	13.0	H	155	44
10472.700	50.3	-29.5	37.8	42.04	68.3	18.0	V	155	88
15720.250	51.6	-24.4	40.4	35.62	74.0	22.4	V	155	0
16825.200	56.7	-23.0	42.0	37.79	68.3	11.6	H	155	110
17217.900	57.5	-22.9	41.9	38.45	68.3	10.8	H	155	132

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5229.800	54.5	-23.4	34.3	43.58	68.3	13.8	H	155	132
5294.400	54.9	-22.7	34.3	43.26	68.3	13.4	H	155	154
10518.900	49.1	-29.7	37.8	40.96	68.3	19.2	H	155	88
15780.200	52.2	-24.2	40.4	40.13	74.0	21.9	V	155	110
16600.250	56.2	-23.3	41.6	38.68	68.3	12.1	V	155	44
16939.600	57.5	-23.0	42.1	38.35	68.3	10.8	H	155	0

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5229.600	54.2	-23.4	34.3	43.31	68.3	14.1	H	155	22
5335.600	56.1	-22.4	34.3	44.14	68.3	12.2	H	155	66
10565.650	49.0	-29.4	37.8	40.58	68.3	19.3	V	155	88
15840.150	52.1	-24.1	40.5	41.27	74.0	21.9	V	155	0
16747.650	56.1	-23.1	41.8	41.15	68.3	12.2	H	155	110
16937.400	57.5	-23.0	42.1	38.38	68.3	10.8	H	155	132

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5351.433	56.2	-22.3	34.3	44.14	74.0	17.8	H	155	22
5352.149	56.7	-22.3	34.3	44.66	74.0	17.3	H	155	44
10643.200	49.2	-29.3	37.9	42.65	74.0	24.8	V	155	0
15960.050	52.9	-23.8	40.7	41.76	74.0	21.1	H	155	0
16746.550	56.2	-23.1	41.8	41.47	74.0	17.8	V	155	22
17080.950	57.5	-23.0	42.1	38.44	68.3	10.8	H	155	176

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5445.070	55.5	-22.7	34.4	43.80	74.0	18.5	H	155	170
5457.325	54.9	-22.7	34.4	43.22	74.0	19.1	H	155	0
11001.800	50.1	-29.9	38.0	40.34	68.3	18.2	V	155	220
16500.150	54.3	-23.2	41.5	39.90	68.3	14.0	V	155	132
16861.500	56.6	-23.0	42.0	38.23	68.3	11.7	V	155	352
17299.850	57.6	-22.8	41.8	38.67	68.3	10.7	H	155	0

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5571.600	54.9	-22.7	34.5	43.04	68.3	13.4	H	155	20
5627.400	54.9	-22.8	34.6	43.11	68.3	13.4	H	155	42
11199.800	47.0	-30.4	38.1	40.82	74.0	27.0	H	155	88
16799.900	55.0	-23.0	41.9	40.34	68.3	13.3	V	155	110
16968.200	56.7	-23.0	42.2	39.11	68.3	11.6	H	155	132
17070.500	56.8	-23.0	42.1	38.71	68.3	11.5	H	155	246

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5725.325	57.0	-23.0	34.8	45.15	68.3	11.3	H	155	222
5728.913	57.1	-23.0	34.8	45.30	68.3	11.2	H	155	90
11398.900	49.7	-29.7	38.2	41.39	74.0	24.3	H	155	88
17100.200	55.3	-23.0	42.1	38.24	68.3	13.0	V	155	110
17266.850	56.8	-22.8	41.9	38.82	68.3	11.5	H	155	0
17463.200	64.5	-23.1	41.6	38.56	68.3	3.8	V	155	22

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5127.943	55.3	-23.3	34.3	44.35	74.0	18.7	V	155	0
5139.388	55.3	-23.3	34.3	44.35	74.0	18.7	H	155	44
10377.550	48.0	-29.5	37.7	39.87	68.3	20.3	V	155	22
15570.100	50.7	-24.5	40.2	34.99	74.0	23.3	H	155	0
16820.800	57.2	-23.0	42.0	38.27	68.3	11.1	H	155	44
16988.000	57.5	-23.0	42.2	38.38	68.3	10.8	V	155	132

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5203.800	56.7	-23.3	34.3	45.68	68.3	11.6	H	155	22
5268.000	58.7	-23.0	34.3	47.35	68.3	9.6	V	155	242
10457.850	48.8	-29.5	37.8	40.57	68.3	19.5	H	155	44
15690.000	53.1	-24.4	40.3	37.24	74.0	20.9	V	155	88
16855.450	57.6	-23.0	42.0	38.61	68.3	10.7	V	155	176
17056.200	57.7	-23.0	42.1	38.58	68.3	10.6	V	155	0

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5242.600	57.7	-23.3	34.3	46.77	68.3	10.6	H	155	0
5296.400	60.4	-22.7	34.3	48.73	68.3	7.9	H	155	22
10545.300	47.7	-29.5	37.8	39.44	68.3	20.6	V	155	352
12855.850	50.1	-28.5	39.2	39.46	68.3	18.2	V	155	352
14823.750	54.3	-25.0	39.8	39.60	68.3	14.0	V	155	176
17054.000	57.8	-23.0	42.1	38.70	68.3	10.5	V	155	176

Channel 62

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5350.232	58.5	-22.3	34.3	46.49	74.0	15.5	H	155	0
5350.691	58.3	-22.3	34.3	46.23	74.0	15.7	H	155	42
10620.100	46.6	-29.2	37.8	38.33	68.3	21.7	V	155	80
15930.350	52.9	-23.9	40.6	42.09	74.0	21.1	V	155	46
16604.650	56.3	-23.3	41.6	40.99	68.3	12.0	V	155	66
17395.000	57.8	-23.0	41.7	39.12	68.3	10.5	H	155	84

Channel 102

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5452.045	55.0	-22.7	34.4	43.32	74.0	19.0	H	155	22
5458.330	54.7	-22.7	34.4	43.00	74.0	19.3	H	155	44
11019.950	48.9	-29.8	38.0	41.01	74.0	25.1	V	155	284
16529.850	54.0	-23.2	41.5	40.47	68.3	14.3	H	155	88
16856.000	56.6	-23.0	42.0	38.54	68.3	11.7	H	155	264
17026.500	57.3	-23.0	42.2	38.11	68.3	11.0	V	155	0

Channel 118

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5560.200	56.0	-22.6	34.5	44.10	68.3	12.3	H	155	88
5619.600	57.8	-22.8	34.6	46.00	68.3	10.5	H	155	132
11180.000	46.8	-30.4	38.1	41.23	68.3	21.5	V	155	0
16770.200	55.1	-23.0	41.9	40.08	68.3	13.2	H	155	88
16944.000	57.7	-23.0	42.1	37.77	68.3	10.6	V	155	264
17027.600	56.8	-23.0	42.2	38.60	68.3	11.5	V	155	352

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5726.525	55.3	-23.0	34.8	43.48	68.3	13.0	H	155	220
5728.288	55.3	-23.0	34.8	43.49	68.3	13.0	H	155	88
11340.050	47.2	-30.0	38.1	39.01	74.0	26.8	H	155	132
17010.000	55.7	-23.0	42.2	40.14	68.3	12.6	H	155	0
17145.300	57.1	-23.0	42.0	39.63	68.3	11.2	V	155	44
17586.400	58.1	-22.3	41.6	38.70	68.3	10.2	H	155	22

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Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5130.288	55.5	-23.3	34.3	44.58	74.0	18.5	H	155	0
5146.545	55.1	-23.3	34.3	44.17	74.0	18.9	H	155	44
10358.300	49.8	-29.7	37.6	41.90	68.3	18.5	V	155	88
15539.850	52.5	-24.5	40.1	36.79	74.0	21.6	V	155	44
16848.300	56.9	-23.0	42.0	37.88	68.3	11.4	V	155	66
17074.350	57.9	-23.0	42.1	38.82	68.3	10.4	H	155	88

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5173.800	54.0	-23.2	34.3	42.91	68.3	14.3	H	155	88
5248.000	54.7	-23.3	34.3	43.66	68.3	13.6	H	155	22
10392.400	49.5	-29.4	37.7	41.18	68.3	18.8	V	155	220
15599.800	51.9	-24.5	40.2	36.23	74.0	22.1	V	155	242
16842.250	56.3	-23.0	42.0	37.35	68.3	12.0	V	155	44
16970.950	57.4	-23.0	42.2	38.24	68.3	10.9	V	155	66

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5211.400	54.2	-23.3	34.3	43.21	68.3	14.1	H	155	0
5304.400	55.8	-22.6	34.3	44.12	68.3	12.5	H	155	22
10477.100	49.1	-29.6	37.8	40.90	68.3	19.2	H	155	110
15720.250	52.2	-24.4	40.4	36.16	74.0	21.8	V	155	132
16870.300	57.5	-23.0	42.0	38.47	68.3	10.8	V	155	66
16869.200	58.0	-23.0	42.0	39.01	68.3	10.3	V	155	88

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5235.400	55.2	-23.4	34.3	44.28	68.3	13.1	H	155	80
5299.400	55.6	-22.6	34.3	43.95	68.3	12.7	H	155	164
10517.800	50.4	-29.7	37.8	42.21	68.3	17.9	H	155	110
15780.200	51.7	-24.2	40.4	40.71	74.0	22.3	V	155	8
16627.200	56.8	-23.3	41.7	43.65	68.3	11.5	V	155	24
16939.600	57.5	-23.0	42.1	38.44	68.3	10.8	H	155	42

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5251.200	54.5	-23.2	34.3	43.41	68.3	13.8	V	155	88
5304.000	57.0	-22.6	34.3	45.25	68.3	11.3	V	155	110
10559.050	48.1	-29.5	37.8	39.75	68.3	20.2	V	155	132
15840.150	52.7	-24.1	40.5	38.73	68.3	15.6	H	155	154
16909.900	57.4	-23.0	42.1	42.71	68.3	10.9	V	155	176
16909.900	57.4	-23.0	42.1	38.37	68.3	10.9	V	155	198

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5350.542	56.1	-22.3	34.3	44.00	74.0	17.9	V	155	178
5351.865	55.9	-22.3	34.3	43.80	74.0	18.1	H	155	198
10638.800	49.7	-29.3	37.9	42.56	74.0	24.3	V	155	210
15960.050	52.3	-23.8	40.7	38.71	74.0	21.7	H	155	0
16721.250	53.5	-23.1	41.8	38.22	68.3	14.8	H	155	42
16946.750	57.1	-23.0	42.1	38.00	68.3	11.2	V	155	264

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5455.390	54.9	-22.7	34.4	43.20	74.0	19.1	H	155	20
5459.965	55.1	-22.7	34.4	43.39	74.0	18.9	H	155	2
10095.500	47.4	-30.3	37.3	40.33	74.0	26.6	V	155	42
16500.150	54.2	-23.2	41.5	39.46	68.3	14.1	H	155	22
16832.000	56.5	-23.0	42.0	39.37	68.3	11.8	V	155	0
17036.400	57.4	-23.0	42.2	38.03	68.3	10.9	V	155	44

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
5559.200	54.6	-22.6	34.5	42.73	68.3	13.7	H	155	80
5627.200	54.7	-22.8	34.6	42.86	68.3	13.6	H	155	20
11191.550	49.6	-30.4	38.1	39.13	74.0	24.4	V	155	220
16799.900	55.6	-23.0	41.9	38.00	68.3	12.7	V	155	244
16969.850	57.3	-23.0	42.2	39.57	68.3	11.0	V	155	44
17099.650	57.7	-23.0	42.1	38.30	68.3	10.6	V	155	68