

Channel 48

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)
5197.800	54.60	-25.79	34.20	46.19	74.00	19.40	H
5288.200	54.95	-25.80	34.35	46.39	74.00	19.05	H
10479.850	45.07	-33.11	37.78	40.40	68.30	23.23	H
15720.250	47.67	-28.48	40.06	36.09	74.00	26.33	V
16793.850	51.29	-27.31	41.29	37.30	68.30	17.01	V
17142.000	50.92	-26.94	40.94	36.92	68.30	17.38	V

Channel 52

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)
5233.800	52.96	-25.75	34.20	44.51	68.30	15.34	H
5284.000	53.22	-25.80	34.34	44.67	68.30	15.08	V
10520.000	43.95	-33.11	37.82	39.24	68.30	24.34	V
15780.200	47.43	-28.38	40.24	35.57	74.00	26.57	V
16750.400	51.39	-27.37	41.25	37.51	68.30	16.91	V
17033.650	51.19	-27.04	41.03	37.19	68.30	17.11	H

Channel 56

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)
5248.200	53.37	-25.76	34.20	44.93	68.30	14.93	V
5308.600	53.22	-25.79	34.38	44.62	68.30	15.08	H
10560.150	44.97	-33.20	37.86	40.31	68.30	23.33	H
15840.150	47.55	-28.18	40.30	35.44	74.00	26.45	V
16507.300	50.46	-27.61	41.01	37.06	68.30	17.84	H
17150.800	50.86	-26.94	40.95	36.85	68.30	17.44	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)
5352.958	58.22	-25.76	34.31	49.67	74.00	15.78	H
5353.931	55.78	-25.76	34.31	47.23	74.00	18.22	V
10639.900	43.16	-33.30	37.90	38.56	74.00	30.84	H
15960.050	46.94	-27.65	40.30	34.29	74.00	27.06	V
16858.200	50.63	-27.23	41.36	36.50	68.30	17.67	V
17234.400	50.57	-26.91	40.93	36.55	68.30	17.73	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)
5462.432	55.34	-25.32	34.42	46.23	68.30	12.96	V
5469.408	55.66	-25.28	34.44	46.50	68.30	12.64	V
10999.600	44.88	-32.68	37.90	39.66	68.30	23.42	H
16500.150	48.45	-27.61	41.00	35.06	68.30	19.85	V
16667.350	50.14	-27.50	41.17	36.48	68.30	18.16	H
16988.550	50.76	-27.09	41.13	36.71	68.30	17.54	V

Channel 120

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)
5578.400	55.91	-25.05	34.50	46.46	68.30	12.39	V
5622.600	56.29	-24.83	34.50	46.62	68.30	12.01	V
11199.800	44.82	-32.08	38.00	38.90	68.30	23.48	H
16800.450	48.35	-27.30	41.30	34.35	68.30	19.95	V
16867.550	50.72	-27.22	41.37	36.57	68.30	17.58	V
17177.200	50.38	-26.93	40.98	36.33	68.30	17.92	H

Channel 140

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)
5729.925	56.04	-24.80	34.66	46.18	68.30	12.26	V
5731.062	56.06	-24.80	34.66	46.20	68.30	12.24	H
11400.000	44.40	-32.34	38.00	38.74	68.30	23.90	H
16425.350	51.07	-27.60	40.78	37.90	68.30	17.23	H
17101.300	48.70	-26.96	40.90	34.77	68.30	19.60	H
17102.950	50.69	-26.96	40.90	36.75	68.30	17.61	H

Channel 144

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)
5690.800	55.58	-24.76	34.58	45.75	68.30	12.72	V
5739.000	55.54	-24.79	34.68	45.65	68.30	12.76	V
11458.150	44.34	-32.47	38.00	38.81	68.30	23.96	H
16850.275	50.59	-27.24	41.35	36.48	68.30	17.71	H
16975.750	51.34	-27.10	41.17	37.27	68.30	16.96	V
17168.120	50.74	-26.93	40.97	36.70	68.30	17.56	V

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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)
5148.453	56.95	-25.70	34.10	48.55	74.00	17.05	V
5148.995	57.31	-25.70	34.10	48.91	74.00	16.69	V
10379.750	44.07	-33.12	37.66	39.53	68.30	24.23	H
15570.100	46.05	-28.78	39.90	34.93	74.00	27.95	V
16858.200	50.91	-27.23	41.36	36.79	68.30	17.38	H
17253.100	50.80	-26.90	40.89	36.80	68.30	17.50	V

Channel 46

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)
5165.000	54.13	-25.74	34.13	45.74	74.00	19.87	H
5294.800	55.02	-25.80	34.38	46.44	74.00	18.98	H
10460.050	43.98	-33.13	37.76	39.35	68.30	24.32	V
15690.000	46.31	-28.53	39.99	34.85	74.00	27.69	V
17023.750	51.15	-27.05	41.05	37.14	68.30	17.15	V
17174.450	50.80	-26.93	40.97	36.76	68.30	17.50	V

Channel 54

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)
5223.600	53.63	-25.76	34.20	45.19	68.30	14.67	V
5312.200	53.74	-25.79	34.38	45.15	68.30	14.56	V
10539.800	43.94	-33.15	37.84	39.25	68.30	24.36	V
15809.900	47.49	-28.32	40.30	35.50	74.00	26.51	H
16853.250	50.74	-27.24	41.35	36.63	68.30	17.55	H
17173.900	51.19	-26.93	40.97	37.14	68.30	17.11	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)
5351.244	57.96	-25.76	34.30	49.41	74.00	16.04	H
5352.594	56.85	-25.76	34.31	48.30	74.00	17.15	H
10620.100	44.51	-33.33	37.90	39.93	74.00	29.49	H
15929.800	47.31	-27.78	40.30	34.80	74.00	26.69	H
16688.800	49.86	-27.47	41.19	36.14	68.30	18.44	V
17440.100	50.85	-26.77	40.80	36.82	68.30	17.45	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)
5466.550	56.09	-25.30	34.43	46.95	68.30	12.21	V
5467.653	56.57	-25.29	34.44	47.42	68.30	11.73	V
11021.600	45.40	-32.61	37.92	40.10	68.30	22.90	V
16530.950	48.11	-27.61	41.03	34.69	68.30	20.19	H
16766.900	50.62	-27.34	41.27	36.69	68.30	17.68	H
17067.200	50.72	-27.00	40.97	36.76	68.30	17.58	H

Channel 118

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)
5554.400	57.21	-25.15	34.50	47.86	68.30	11.09	H
5628.800	58.23	-24.82	34.50	48.55	68.30	10.06	V
11179.450	45.21	-32.10	38.00	39.31	68.30	23.09	V
16771.300	49.73	-27.33	41.27	35.80	68.30	18.57	H
17117.800	50.70	-26.95	40.92	36.74	68.30	17.59	V
17272.900	51.79	-26.90	40.85	37.83	68.30	16.51	V

Channel 134

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)
5728.837	55.70	-24.80	34.66	45.85	68.30	12.60	V
5734.325	55.58	-24.80	34.67	45.71	68.30	12.72	H
11340.600	45.94	-32.19	38.00	40.14	68.30	22.36	V
16625.000	50.43	-27.57	41.13	36.88	68.30	17.87	H
16788.350	51.16	-27.31	41.29	37.19	68.30	17.14	V
17010.000	49.55	-27.06	41.08	35.53	68.30	18.75	H

Channel 142

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)
5674.400	56.42	-24.73	34.55	46.60	68.30	11.88	V
5747.600	55.00	-24.78	34.70	45.08	68.30	13.30	V
11419.750	45.23	-32.38	38.00	39.61	68.30	23.07	H
16451.250	50.68	-27.62	40.85	37.45	68.30	17.62	V
16868.150	50.89	-27.22	41.37	36.75	68.30	17.41	H
17129.850	50.24	-26.94	40.93	36.26	68.30	18.05	H

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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)
5137.812	59.10	-25.67	34.08	50.69	74.00	14.90	H
5141.750	59.31	-25.68	34.08	50.90	74.00	14.69	H
10419.900	43.33	-33.18	37.72	38.78	68.30	24.97	V
15630.050	45.88	-28.64	39.93	34.59	74.00	28.12	V
16744.350	50.47	-27.38	41.24	36.61	68.30	17.83	H
17470.350	50.79	-26.75	40.80	36.74	68.30	17.51	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)
5350.056	61.99	-25.76	34.30	53.45	74.00	12.01	H
5350.272	62.52	-25.76	34.30	53.98	74.00	11.48	V
10579.950	43.97	-33.25	37.88	39.34	68.30	24.33	V
15869.850	45.77	-28.05	40.30	33.52	74.00	28.23	V
16865.900	50.35	-27.22	41.37	36.21	68.30	17.95	V
17268.500	49.86	-26.90	40.86	35.89	68.30	18.44	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)
5460.415	58.98	-25.33	34.42	49.89	68.30	9.32	V
5460.903	59.27	-25.32	34.42	50.17	68.30	9.03	H
11060.100	45.70	-32.49	37.96	40.23	68.30	22.60	H
16589.800	49.60	-27.60	41.09	36.11	68.30	18.70	V
16661.850	51.54	-27.51	41.16	37.89	68.30	16.76	V
17553.400	51.32	-26.71	40.69	37.33	68.30	16.98	V

Channel 122

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)
5726.012	56.05	-24.80	34.65	46.20	68.30	12.25	V
5736.863	56.00	-24.79	34.67	46.12	68.30	12.30	H
11220.150	44.92	-32.06	38.00	38.98	68.30	23.38	H
16830.700	48.63	-27.26	41.33	34.57	68.30	19.67	V
16944.550	51.54	-27.13	41.27	37.41	68.30	16.76	V
17171.150	50.77	-26.93	40.97	36.72	68.30	17.53	V

Channel 138

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)
5620.200	57.41	-24.84	34.50	47.74	68.30	10.89	V
5750.000	57.09	-24.77	34.70	47.16	68.30	11.21	H
11340.250	44.42	-32.19	38.00	38.61	68.30	23.88	V
17010.550	50.75	-27.06	41.08	36.73	68.30	17.55	H
17505.500	50.45	-26.73	40.79	36.39	68.30	17.85	V
17875.850	51.35	-26.29	40.22	37.41	68.30	16.95	V

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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)
5117.390	58.08	-25.60	34.03	49.64	74.00	15.92	V
5139.965	57.86	-25.67	34.08	49.45	74.00	16.14	V
10500.000	43.43	-33.09	37.80	38.73	68.30	24.87	V
15750.050	46.75	-28.43	40.15	35.03	74.00	27.25	H
5353.642	59.88	-25.76	34.31	51.33	74.00	14.12	H
5354.672	59.36	-25.76	34.31	50.81	74.00	14.64	V

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)
5726.800	57.12	-24.80	34.65	47.26	68.30	11.18	H
5734.150	57.15	-24.80	34.67	47.28	68.30	11.15	H
11139.850	45.81	-32.19	38.00	40.00	68.30	22.49	V
16708.600	48.72	-27.44	41.21	34.95	68.30	19.58	V
5463.453	57.59	-25.31	34.43	48.47	68.30	10.71	V
5464.405	57.85	-25.31	34.43	48.72	68.30	10.45	V

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)
5148.085	55.99	-25.69	34.10	47.58	74.00	18.01	H
5149.205	57.20	-25.70	34.10	48.80	74.00	16.80	H
10359.950	44.53	-33.07	37.62	39.98	68.30	23.77	V
15539.800	48.16	-28.84	39.90	37.11	74.00	25.84	H
16851.050	50.62	-27.24	41.35	36.51	68.30	17.68	H
17252.550	50.51	-26.90	40.89	36.52	68.30	17.79	V

Channel 40

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)
5164.000	53.90	-25.74	34.13	45.51	68.30	14.40	V
5241.800	54.47	-25.75	34.20	46.02	68.30	13.83	H
10400.100	44.28	-33.17	37.70	39.76	68.30	24.02	H
15599.800	46.63	-28.71	39.90	35.44	74.00	27.37	H
16566.150	50.79	-27.60	41.07	37.33	68.30	17.51	H
16942.350	50.91	-27.14	41.27	36.78	68.30	17.39	V

Channel 48

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)
5200.200	54.82	-25.78	34.20	46.40	74.00	19.18	V
5291.600	55.21	-25.80	34.37	46.64	74.00	18.79	H
10479.850	44.03	-33.11	37.78	39.37	68.30	24.27	V
15720.250	47.07	-28.48	40.06	35.49	74.00	26.93	H
16769.650	50.70	-27.34	41.27	36.77	68.30	17.59	V
16951.150	50.24	-27.13	41.25	36.12	68.30	18.06	V

Channel 52

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)
5201.800	53.92	-25.78	34.20	45.51	68.30	14.38	H
5317.200	53.60	-25.78	34.37	45.01	68.30	14.70	V
10520.000	42.92	-33.11	37.82	38.21	68.30	25.38	V
15780.200	46.89	-28.38	40.24	35.03	74.00	27.11	H
16948.950	50.17	-27.13	41.25	36.04	68.30	18.13	H
17129.900	49.97	-26.94	40.93	35.98	68.30	18.33	V

Channel 56

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)
5247.800	52.40	-25.76	34.20	43.95	68.30	15.90	H
5305.800	53.52	-25.79	34.39	44.92	68.30	14.78	V
10560.150	42.29	-33.20	37.86	37.63	68.30	26.01	V
15840.150	46.60	-28.18	40.30	34.48	74.00	27.40	H
16950.050	51.50	-27.13	41.25	37.38	68.30	16.80	H
17496.200	50.92	-26.74	40.80	36.86	68.30	17.38	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)
5351.851	57.52	-25.76	34.30	48.97	74.00	16.48	V
5353.700	57.53	-25.76	34.31	48.98	74.00	16.47	V
10639.900	43.91	-33.30	37.90	39.31	74.00	30.09	H
15960.050	47.24	-27.65	40.30	34.59	74.00	26.76	H
16659.100	50.36	-27.52	41.16	36.72	68.30	17.94	V
17103.500	50.83	-26.96	40.90	36.89	68.30	17.47	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)
5466.693	56.72	-25.29	34.43	47.58	68.30	11.58	H
5468.387	55.59	-25.29	34.44	46.44	68.30	12.71	V
11000.150	44.71	-32.68	37.90	39.49	68.30	23.59	V
16500.150	48.76	-27.61	41.00	35.37	68.30	19.54	V
17150.250	50.65	-26.94	40.95	36.64	68.30	17.65	H
17524.250	50.89	-26.72	40.75	36.86	68.30	17.41	H

Channel 120

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)
5571.200	56.25	-25.09	34.50	46.84	68.30	12.05	H
5622.800	56.13	-24.83	34.50	46.46	68.30	12.17	H
11199.800	44.76	-32.08	38.00	38.84	68.30	23.54	H
16505.100	50.65	-27.61	41.01	37.26	68.30	17.65	H
16801.000	48.95	-27.30	41.30	34.95	68.30	19.35	V
17101.300	51.12	-26.96	40.90	37.18	68.30	17.18	H

Channel 140

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)
5726.587	55.71	-24.80	34.65	45.86	68.30	12.59	V
5730.100	55.41	-24.80	34.66	45.56	68.30	12.89	V
11399.450	45.29	-32.34	38.00	39.63	68.30	23.01	V
16980.850	50.84	-27.09	41.16	36.78	68.30	17.46	V
17100.200	47.96	-26.96	40.90	34.02	68.30	20.34	H
17228.900	50.72	-26.91	40.94	36.68	68.30	17.58	H

Channel 144

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)
5698.000	56.04	-24.77	34.60	46.21	68.30	12.26	V
5740.800	54.74	-24.79	34.68	44.85	68.30	13.56	H
11340.250	45.25	-32.19	38.00	39.44	68.30	23.05	V
17010.450	50.84	-27.06	41.08	36.83	68.30	17.45	V
17338.150	50.85	-26.85	40.80	36.90	68.30	17.45	V
17672.450	50.53	-26.62	40.45	36.70	68.30	17.77	H

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)
5147.682	56.32	-25.69	34.10	47.92	74.00	17.68	H
5149.275	56.18	-25.70	34.10	47.78	74.00	17.82	V
10379.750	44.91	-33.12	37.66	40.37	68.30	23.39	V
15570.100	46.49	-28.78	39.90	35.37	74.00	27.51	H
16897.800	50.85	-27.23	41.38	36.80	68.30	17.35	H
17437.350	51.24	-26.77	40.80	37.21	68.30	17.06	V

Channel 46

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)
5179.000	53.56	-25.78	34.16	45.18	74.00	20.44	H
5291.000	54.59	-25.80	34.36	46.03	74.00	19.41	H
10460.050	44.48	-33.13	37.76	39.86	68.30	23.81	V
15690.000	47.78	-28.53	39.99	36.33	74.00	26.22	H
16848.300	50.76	-27.24	41.35	36.66	68.30	17.54	V
16959.950	50.98	-27.12	41.22	36.88	68.30	17.32	H

Channel 54

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)
5224.600	53.55	-25.76	34.20	45.10	68.30	14.75	H
5315.800	53.85	-25.78	34.37	45.27	68.30	14.45	V
10539.800	44.83	-33.15	37.84	40.14	68.30	23.47	V
15809.900	47.41	-28.32	40.30	35.43	74.00	26.59	H
16650.850	50.56	-27.53	41.15	36.94	68.30	17.74	V
17194.250	50.88	-26.92	40.99	36.80	68.30	17.42	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)
5352.742	57.94	-25.76	34.31	49.39	74.00	16.06	V
5355.901	56.85	-25.76	34.31	48.29	74.00	17.15	H
10620.100	43.06	-33.33	37.90	38.48	74.00	30.94	V
15929.800	47.73	-27.78	40.30	35.21	74.00	26.27	V
17063.900	50.82	-27.00	40.97	36.86	68.30	17.48	V
17220.650	50.80	-26.91	40.96	36.75	68.30	17.50	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)
5468.087	55.52	-25.29	34.44	46.37	68.30	12.78	V
5469.783	55.68	-25.28	34.44	46.52	68.30	12.62	V
11020.500	44.92	-32.62	37.92	39.62	68.30	23.38	V
16530.950	48.38	-27.61	41.03	34.96	68.30	19.91	V
16562.850	50.73	-27.60	41.06	37.27	68.30	17.57	H
17600.700	51.94	-26.69	40.60	38.02	68.30	16.36	V

Channel 118

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)
5555.800	56.02	-25.15	34.50	46.67	68.30	12.28	V
5626.000	57.00	-24.82	34.50	47.32	68.30	11.30	H
11180.000	44.53	-32.10	38.00	38.63	68.30	23.77	H
16770.200	48.17	-27.34	41.27	34.23	68.30	20.13	H
16942.900	50.62	-27.14	41.27	36.49	68.30	17.68	H
17225.050	50.87	-26.91	40.95	36.83	68.30	17.43	V

Channel 134

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)
5726.350	55.40	-24.80	34.65	45.55	68.30	12.90	V
5738.188	55.41	-24.79	34.68	45.52	68.30	12.89	V
11340.050	44.97	-32.19	38.00	39.16	68.30	23.33	H
16681.100	50.42	-27.48	41.18	36.72	68.30	17.88	V
16956.100	51.06	-27.12	41.23	36.96	68.30	17.23	V
17010.000	50.34	-27.06	41.08	36.32	68.30	17.96	V

Channel 142

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)
5676.200	56.08	-24.74	34.55	46.26	68.30	12.22	H
5743.400	55.33	-24.78	34.69	45.43	68.30	12.97	V
11419.450	44.62	-32.38	38.00	39.01	68.30	23.68	H
16494.850	50.75	-27.61	40.98	37.38	68.30	17.55	V
17130.550	48.52	-26.94	40.93	34.54	68.30	19.78	V
17459.750	50.65	-26.75	40.80	36.60	68.30	17.65	V

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)
5139.842	58.78	-25.67	34.08	50.37	74.00	15.22	H
5141.172	59.31	-25.67	34.08	50.90	74.00	14.69	V
10419.900	43.88	-33.18	37.72	39.33	68.30	24.42	V
15630.050	47.23	-28.64	39.93	35.94	74.00	26.77	H
16871.400	51.44	-27.22	41.37	37.28	68.30	16.86	V
17277.300	50.17	-26.89	40.85	36.22	68.30	18.13	V

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)
5350.016	62.01	-25.76	34.30	53.47	74.00	11.99	V
5351.109	61.51	-25.76	34.30	52.96	74.00	12.49	H
10579.950	44.42	-33.25	37.88	39.79	68.30	23.88	H
15869.850	47.35	-28.05	40.30	35.10	74.00	26.65	V
16351.650	50.74	-27.55	40.56	37.73	68.30	17.56	H
17143.650	50.80	-26.94	40.94	36.79	68.30	17.50	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)
5460.670	58.66	-25.33	34.42	49.57	68.30	9.64	H
5465.342	57.70	-25.30	34.43	48.57	68.30	10.60	H
11061.450	44.24	-32.48	37.96	38.77	68.30	24.06	H
16593.450	50.34	-27.60	41.09	36.85	68.30	17.96	V
17726.750	51.12	-26.55	40.37	37.30	68.30	17.17	H
17793.950	51.11	-26.46	40.31	37.26	68.30	17.19	V

Channel 122

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)
5726.650	55.43	-24.80	34.65	45.58	68.30	12.87	H
5731.312	55.36	-24.80	34.66	45.49	68.30	12.94	H
11221.250	44.15	-32.06	38.00	38.21	68.30	24.15	V
16830.350	51.25	-27.26	41.33	37.18	68.30	17.05	V
17755.250	51.24	-26.51	40.34	37.41	68.30	17.05	H
17314.150	50.66	-26.87	40.80	36.73	68.30	17.64	H

Channel 138

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)
5619.600	58.05	-24.84	34.50	48.38	68.30	10.25	H
5750.600	56.75	-24.77	34.70	46.83	68.30	11.55	V
11340.750	44.42	-32.19	38.00	38.61	68.30	23.88	H
17010.265	50.75	-27.06	41.08	36.73	68.30	17.55	V
17615.150	50.12	-26.68	40.57	36.23	68.30	18.17	H
17880.550	51.24	-26.28	40.22	37.30	68.30	17.06	H

802.11ax-HT160

Channel 50

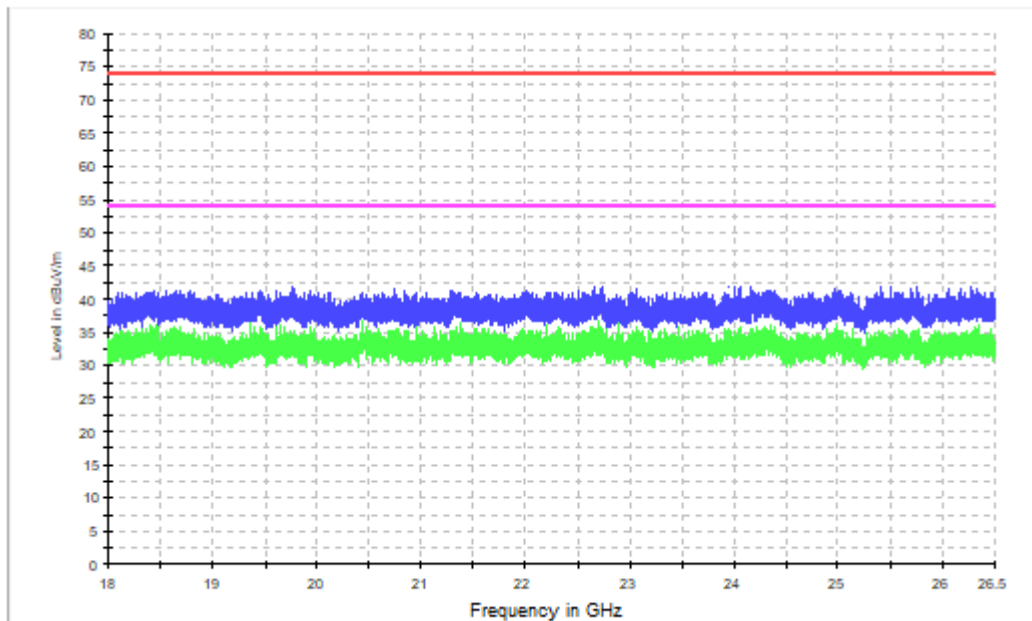
Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5141.085	58.06	-25.67	34.08	49.65	74.00	15.94	H
5144.427	57.45	-25.68	34.09	49.05	74.00	16.55	H
10500.750	43.75	-33.09	37.80	39.04	68.30	24.55	H
15749.850	46.01	-28.43	40.15	34.29	68.30	22.29	V
5354.254	58.88	-25.76	34.31	50.33	74.00	15.12	V
5372.871	58.21	-25.75	34.35	49.61	74.00	15.79	V

Channel 114

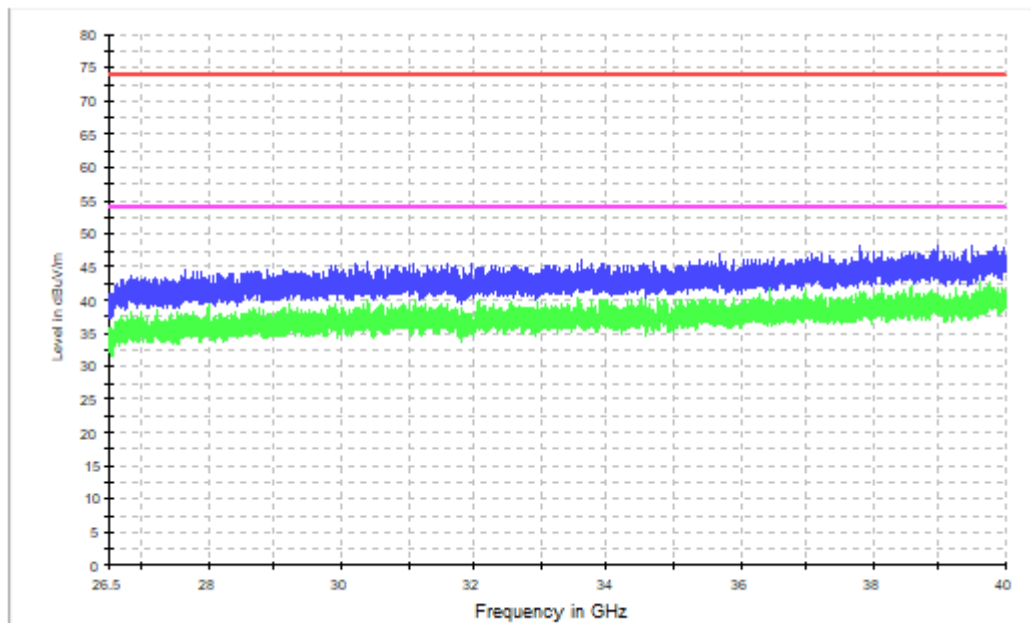
Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5460.828	57.53	-25.33	34.42	48.43	68.30	10.77	H
5466.445	57.57	-25.30	34.43	48.43	68.30	10.73	H
10500.250	42.65	-33.09	37.80	37.94	68.30	25.65	V
15750.750	46.23	-28.43	40.15	34.50	74.00	27.77	H
5727.975	57.25	-24.80	34.66	47.40	68.30	11.05	V
5749.062	57.22	-24.77	34.70	47.30	68.30	11.08	H

Conclusion: PASS

WOSRT CASE 18GHz-26.5 GHz



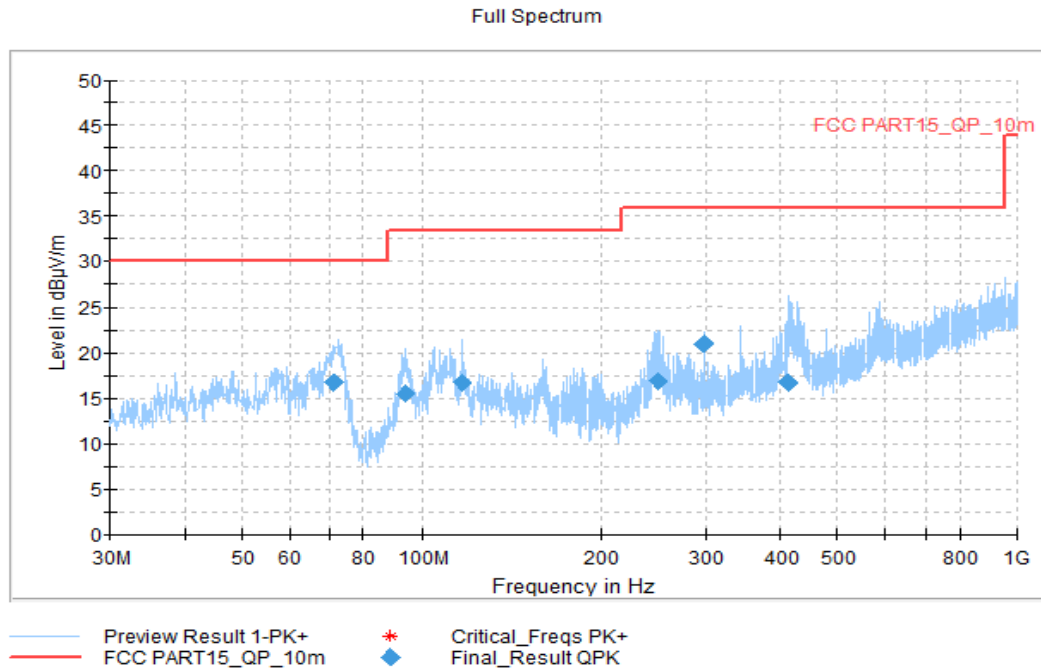
WOSRT CASE 26.5GHz-40GHz



Note: the spurious emission above 18G is noise only

C.1.2 Radiated Spurious Emission- Below 1GHz

WOSRT CASE BELOW 1GHz



Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)
71.41900	16.77	30.00	13.23	120.000	183.0	V	280.0
93.82600	15.54	33.52	17.98	120.000	100.0	V	112.0
116.71800	16.69	33.52	16.83	120.000	125.0	V	163.0
249.1230	16.89	36.02	19.13	120.000	108.0	V	-5.0
296.9440	23.40	36.02	12.62	120.000	100.0	V	-17.0
413.9260	16.75	36.02	19.27	120.000	100.0	V	189.0

Note: 10 meters' limit is got by converting from 3 meters test distance.

Limit (10m) = limit (3m) + 20(log (3/10))

BELOW 30MHz

No emissions were found within 20dB of the limit below 30MHz.

C.1.3 Band Edges Compliance– Radiated

INNOWAVE:

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
802.11ax HT20	5180 MHz	Fig.13	P
	5320 MHz	Fig.14	P
	5500 MHz	Fig.15	P
	5700 MHz	Fig.16	P
802.11ax HT40	5190 MHz	Fig.17	P
	5310 MHz	Fig.18	P
	5510 MHz	Fig.19	P
	5670 MHz	Fig.20	P
802.11ax HT80	5210MHz	Fig.21	P
	5290MHz	Fig.22	P
	5530MHz	Fig.23	P
802.11ax HT160	5250MHz	Fig.24	P
	5250MHz	Fig.25	P
	5570MHz	Fig.26	P
802.11ac HT20	5180 MHz	Fig.27	P
	5320 MHz	Fig.28	P
	5500 MHz	Fig.29	P
	5700 MHz	Fig.30	P
802.11ac HT40	5190 MHz	Fig.31	P
	5310 MHz	Fig.32	P
	5510 MHz	Fig.33	P
	5670 MHz	Fig.34	P
802.11ac HT80	5210MHz	Fig.35	P
	5290MHz	Fig.36	P
	5530MHz	Fig.37	P

Mode	Channel	Test Results	Conclusion
802.11ac HT160	5250MHz	Fig.38	P
	5250MHz	Fig.39	P
	5570MHz	Fig.40	P

The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this section.

Conclusion: PASS

SPEED:

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.41	P
	5320 MHz	Fig.42	P
	5500 MHz	Fig.43	P
	5700 MHz	Fig.44	P
802.11n HT20	5180 MHz	Fig.45	P
	5320 MHz	Fig.46	P
	5500 MHz	Fig.47	P
	5700 MHz	Fig.48	P
802.11n HT40	5190 MHz	Fig.49	P
	5310 MHz	Fig.50	P
	5510 MHz	Fig.51	P
	5670 MHz	Fig.52	P
802.11ax HT20	5180 MHz	Fig.53	P
	5320 MHz	Fig.54	P
	5500 MHz	Fig.55	P
	5700 MHz	Fig.56	P
802.11ax HT40	5190 MHz	Fig.57	P
	5310 MHz	Fig.58	P
	5510 MHz	Fig.59	P
	5670 MHz	Fig.60	P
802.11ax HT80	5210MHz	Fig.61	P
	5290MHz	Fig.62	P
	5530MHz	Fig.63	P
802.11ax HT160	5250MHz	Fig.64	P
	5250MHz	Fig.65	P
	5570MHz	Fig.66	P

Mode	Channel	Test Results	Conclusion
802.11ac HT20	5180 MHz	Fig.67	P
	5320 MHz	Fig.68	P
	5500 MHz	Fig.69	P
	5700 MHz	Fig.70	P
802.11ac HT40	5190 MHz	Fig.71	P
	5310 MHz	Fig.72	P
	5510 MHz	Fig.73	P
	5670 MHz	Fig.74	P
802.11ac HT80	5210MHz	Fig.75	P
	5290MHz	Fig.76	P
	5530MHz	Fig.77	P
802.11ax HT160	5250MHz	Fig.78	P
	5250MHz	Fig.79	P
	5570MHz	Fig.80	P

The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this section.

Conclusion: PASS

Test graphs as below:

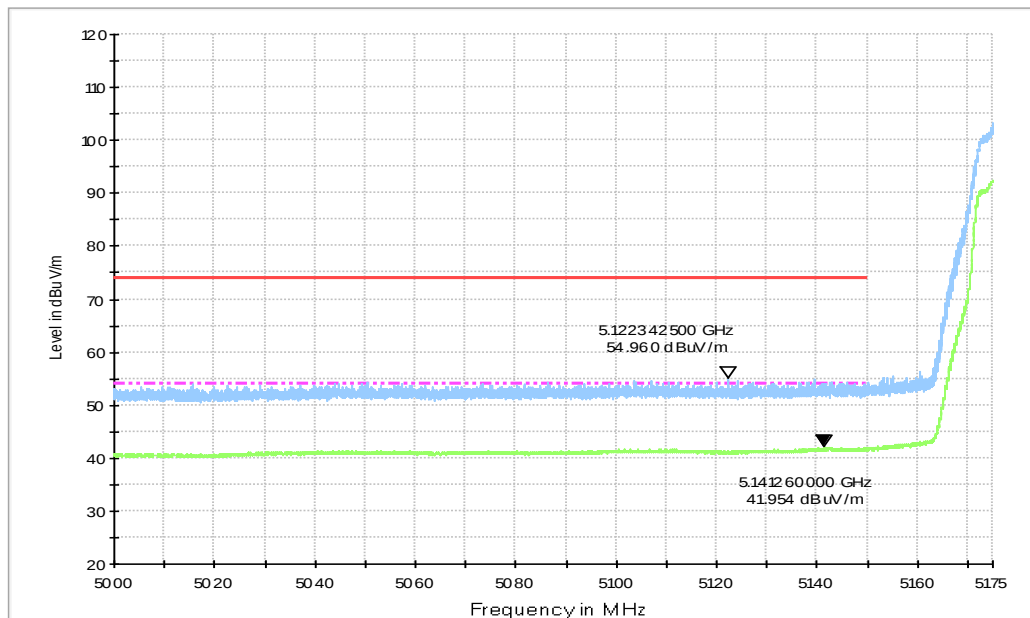


Fig.1 Band Edges (802.11a, 5180MHz)

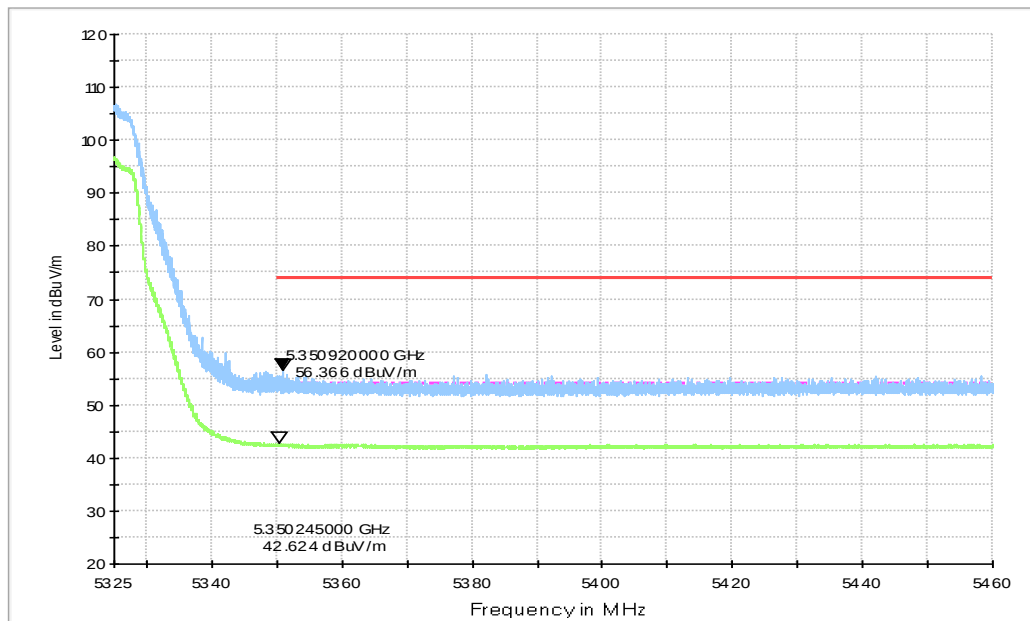


Fig.2 Band Edges (802.11a, 5320MHz)

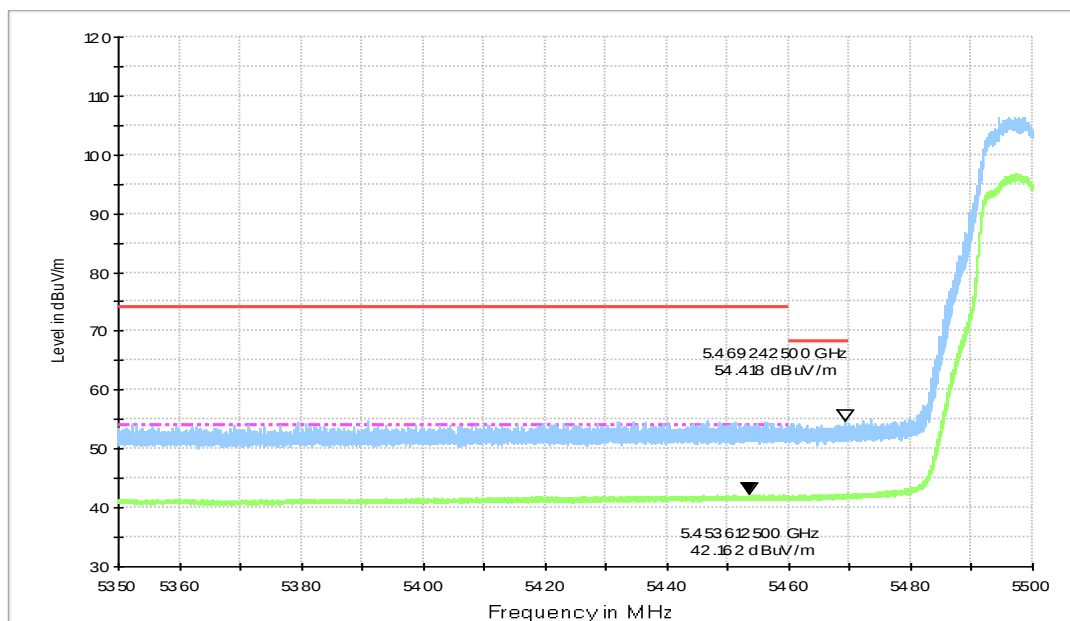


Fig.3 Band Edges (802.11a, 5500MHz)

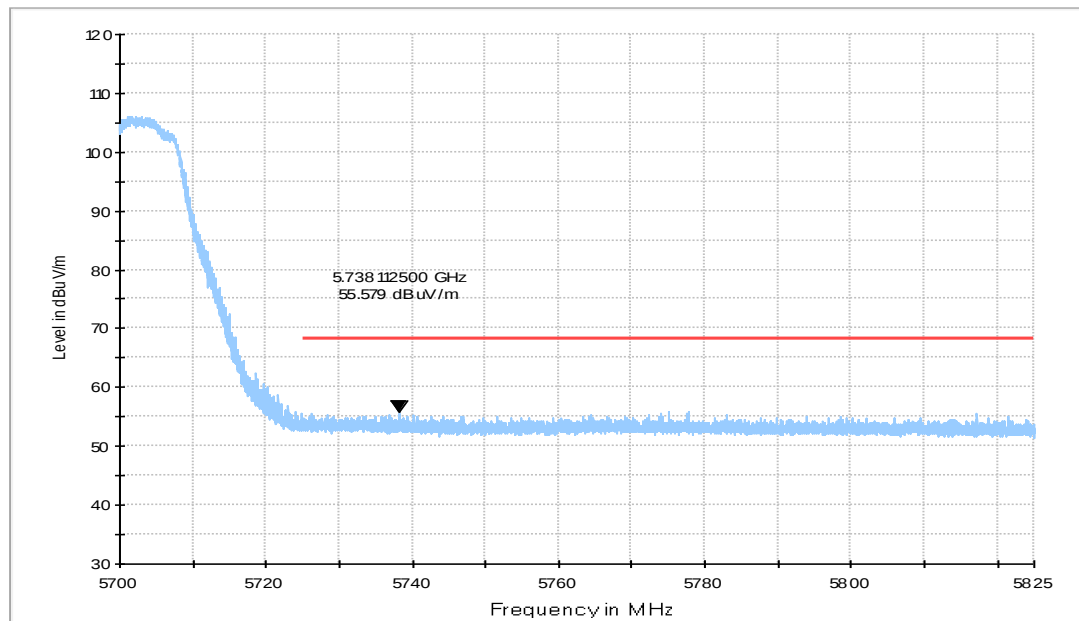


Fig.4 Band Edges (802.11a, 5700MHz)

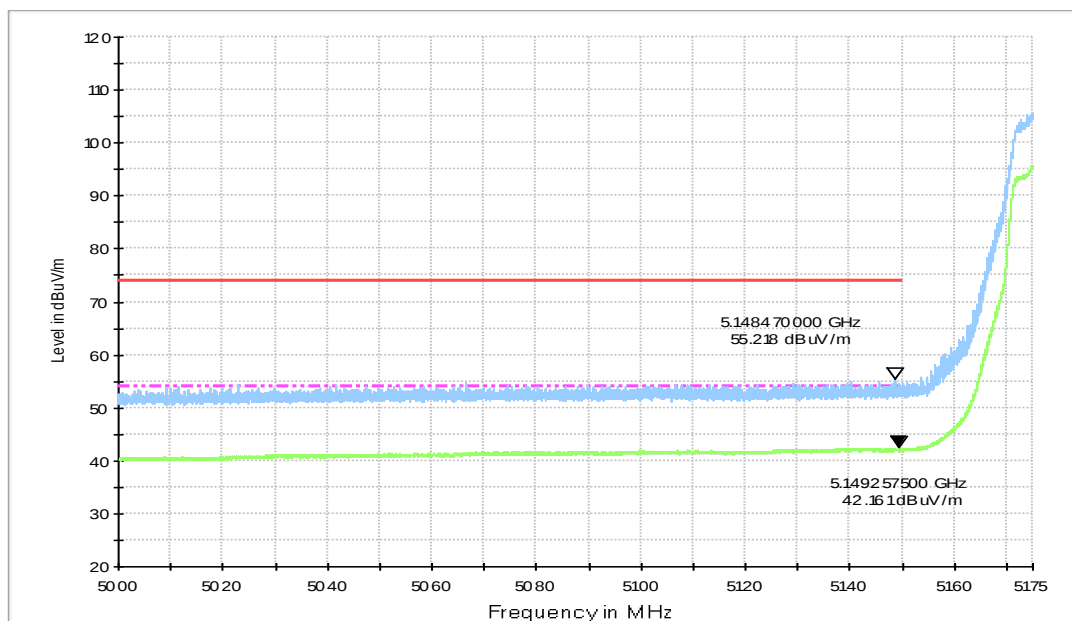


Fig.5 Band Edges (802.11n-HT20, 5180MHz)

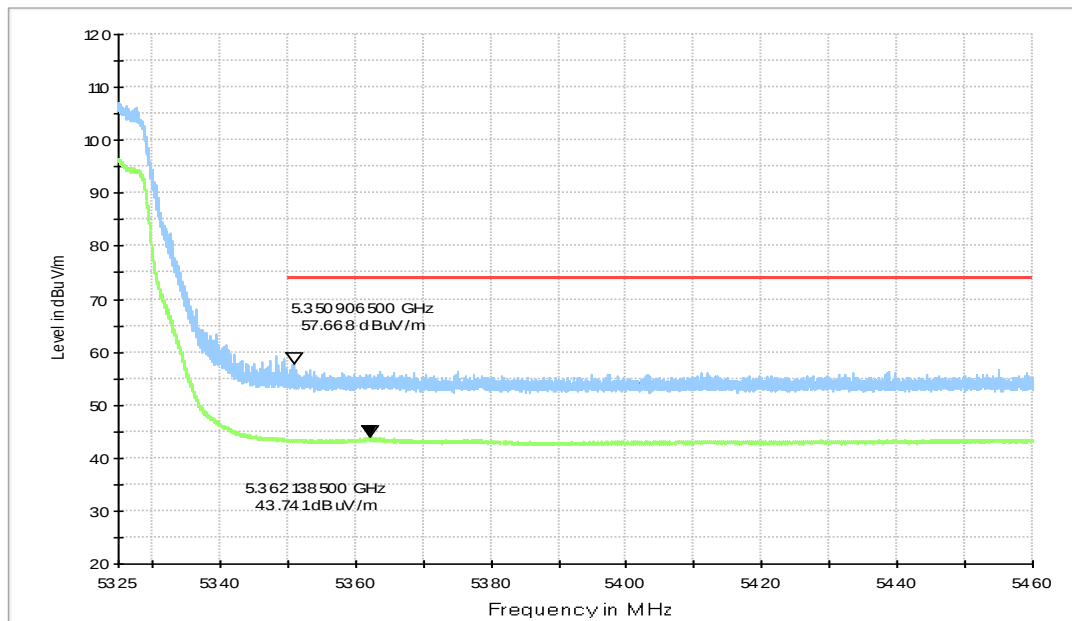


Fig.6 Band Edges (802.11n-HT20, 5320MHz)

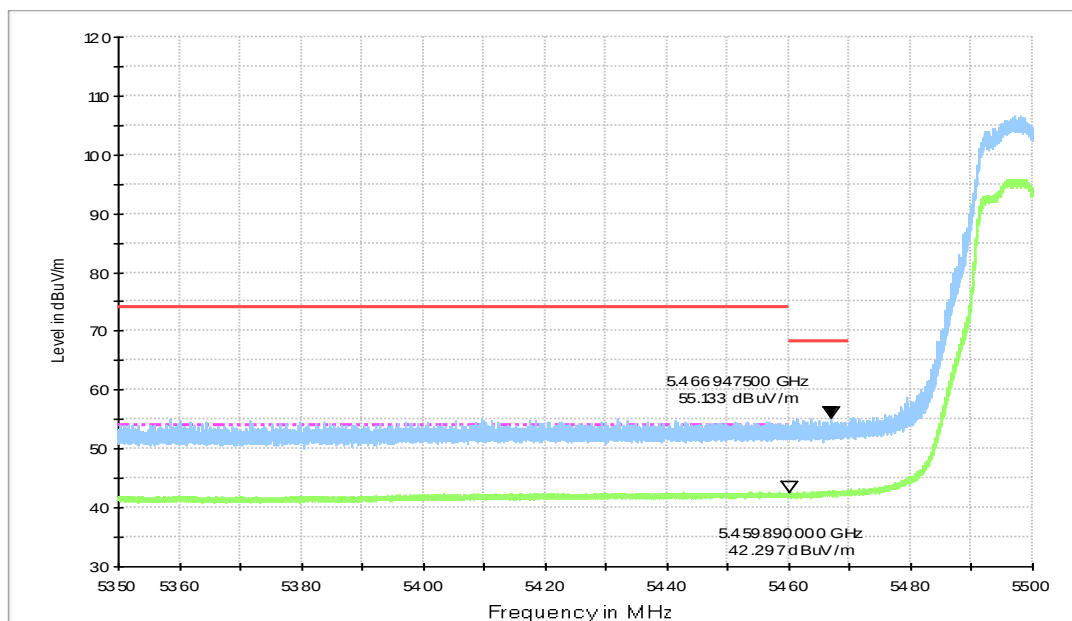


Fig.7 Band Edges (802.11n-HT20, 5500MHz)

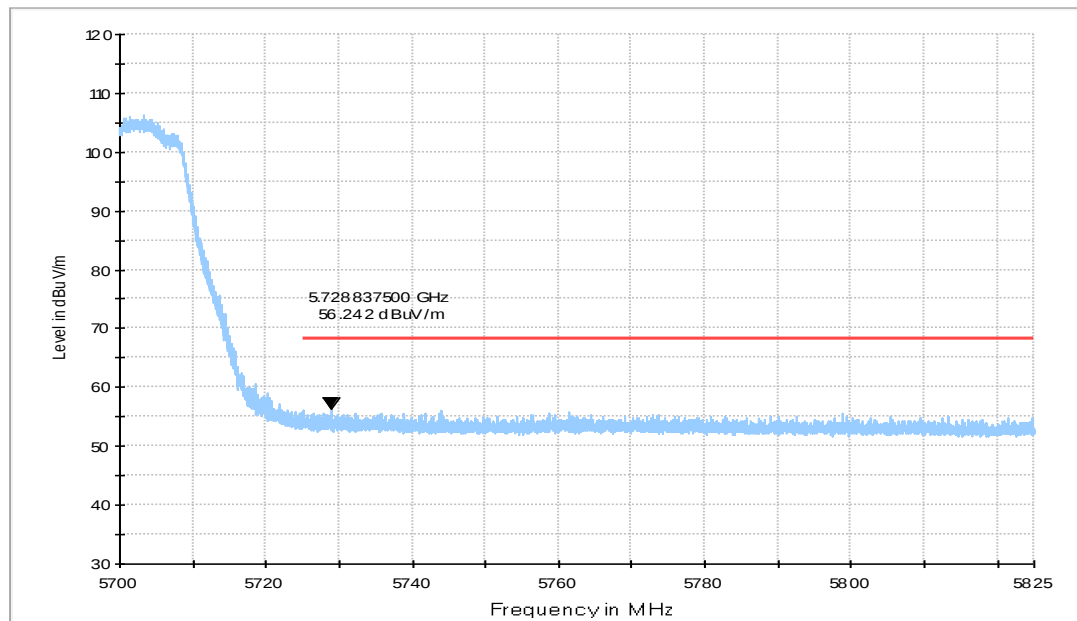


Fig.8 Band Edges (802.11n-HT20, 5700MHz)

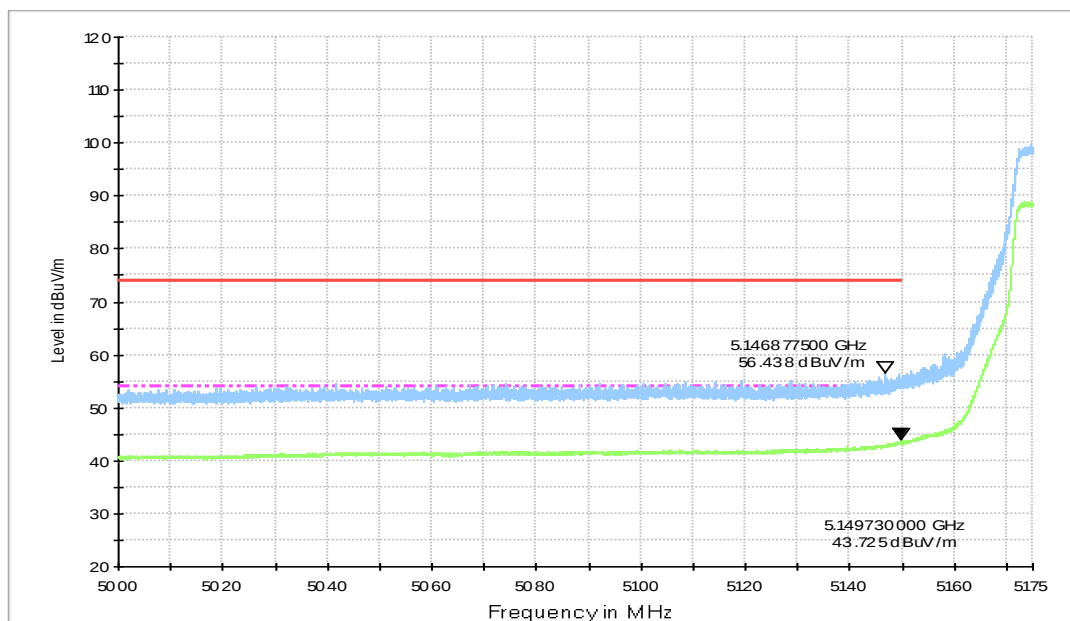


Fig.9 Band Edges (802.11n-HT40, 5190MHz)

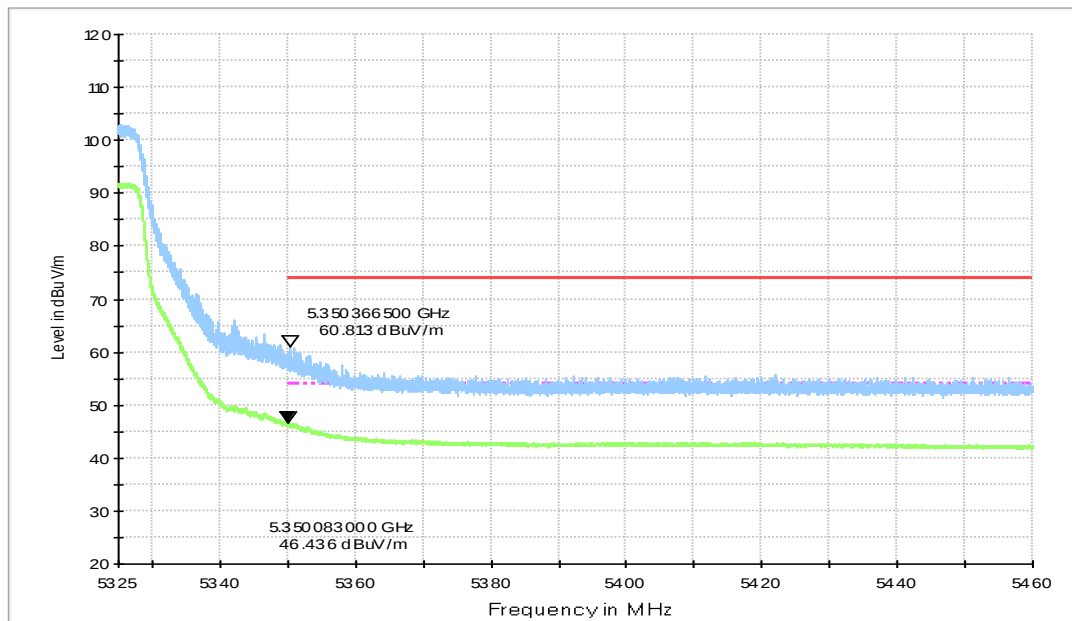


Fig.10 Band Edges (802.11n-HT40, 5310MHz)

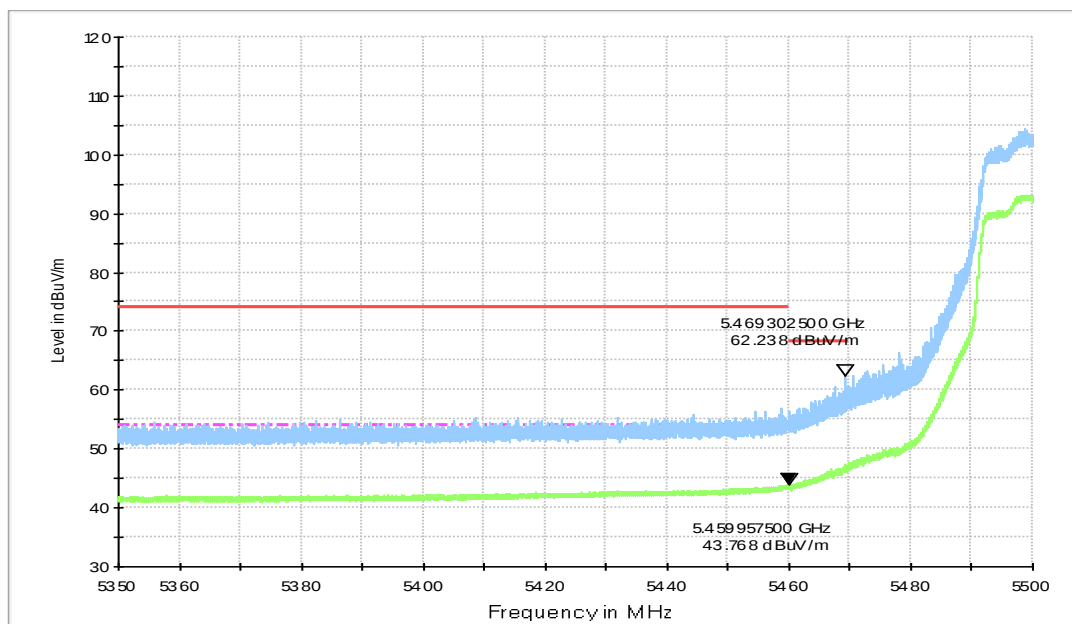


Fig.11 Band Edges (802.11n-HT40, 5510MHz)

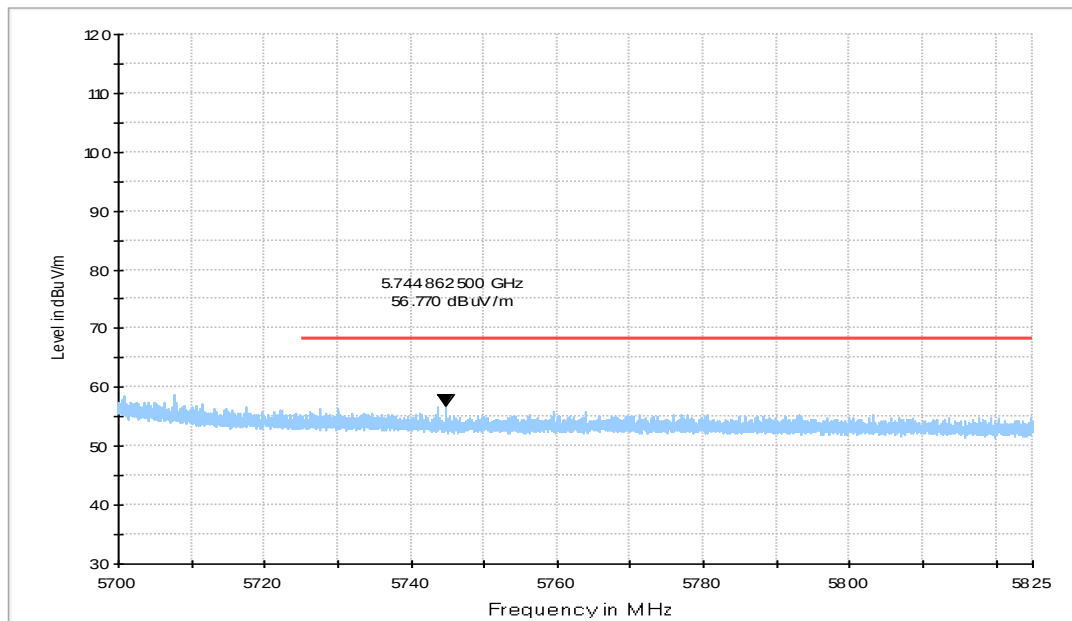


Fig.12 Band Edges (802.11n-HT40, 5670MHz)

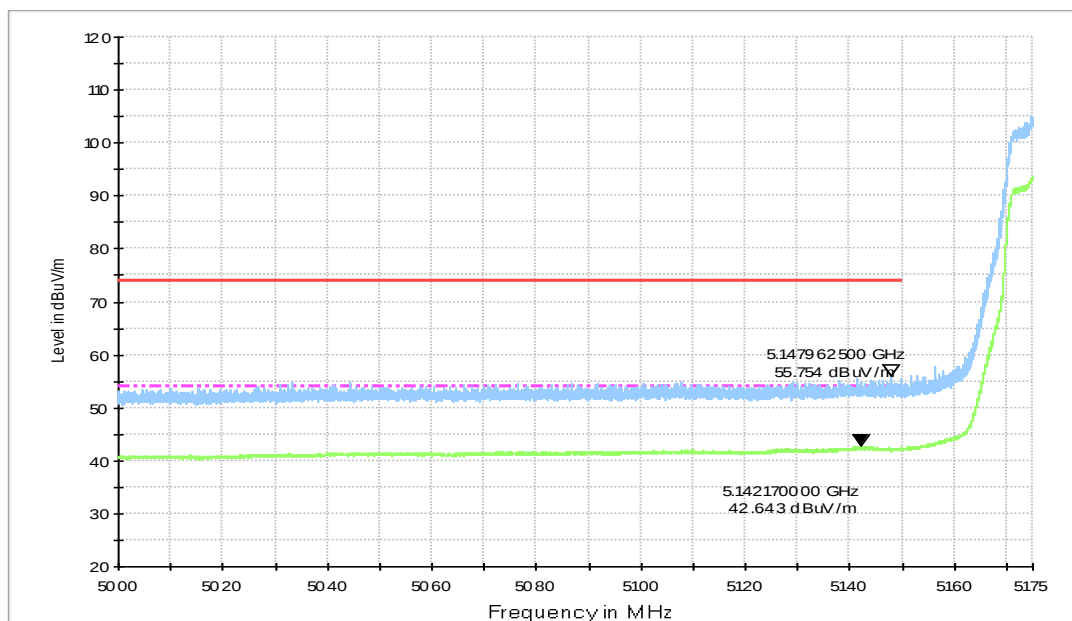


Fig.13 Band Edges (802.11ax-HT20, 5180MHz)

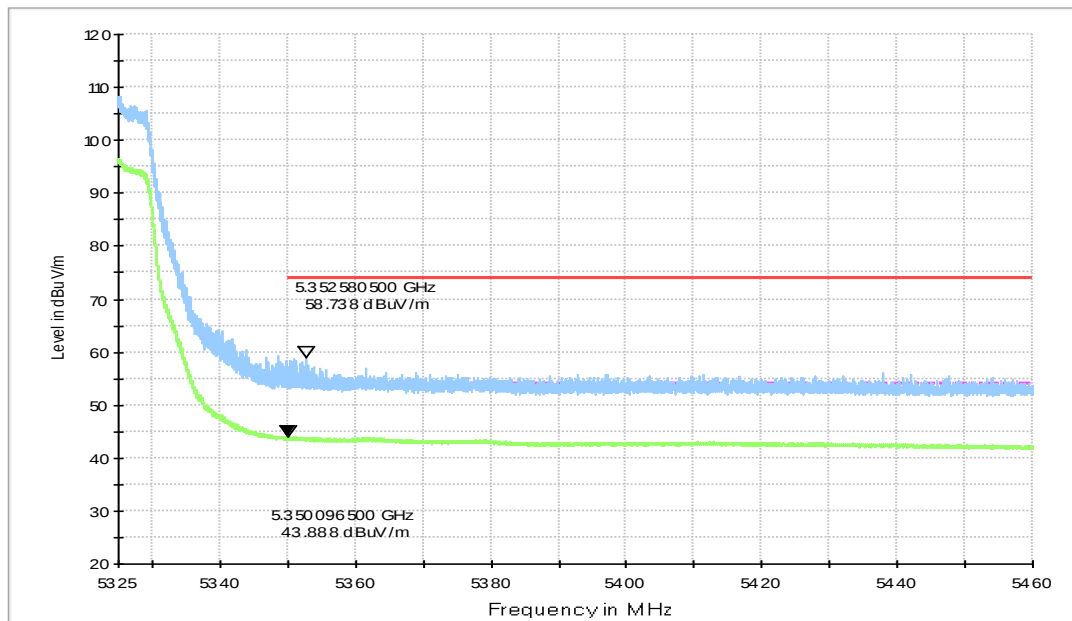


Fig.14 Band Edges (802.11ax-HT20, 5320MHz)

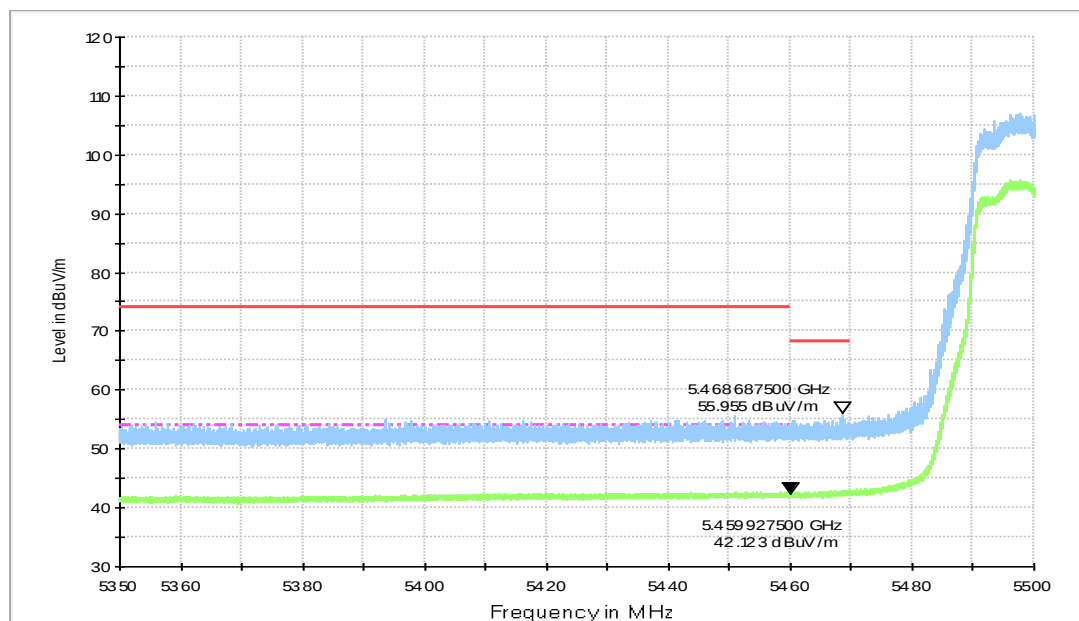


Fig.15 Band Edges (802.11ax-HT20, 5500MHz)

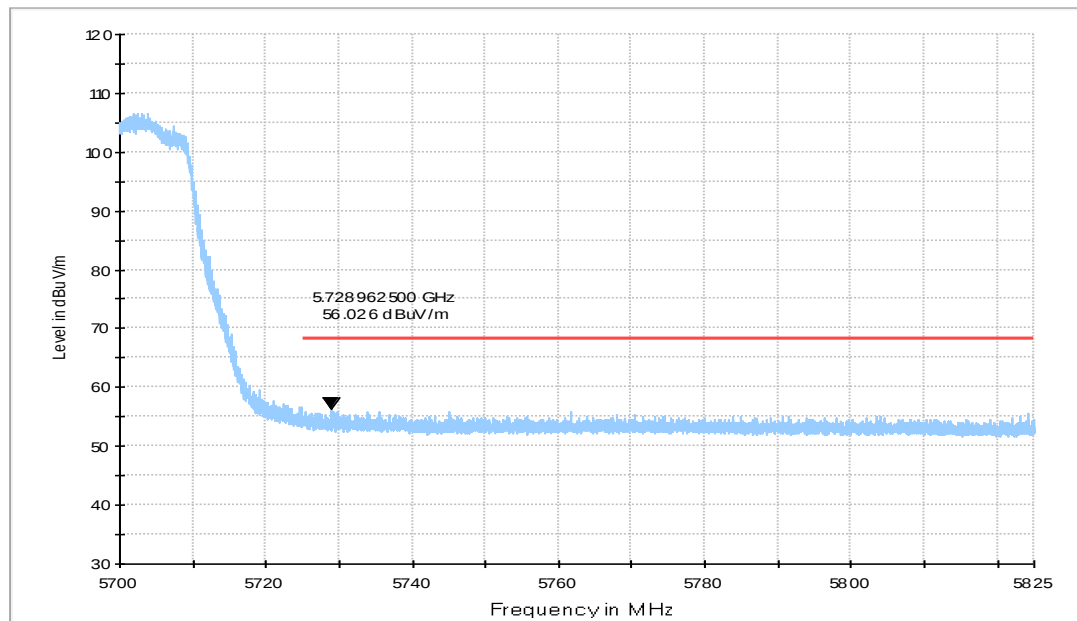


Fig.16 Band Edges (802.11ax-HT20, 5700MHz)

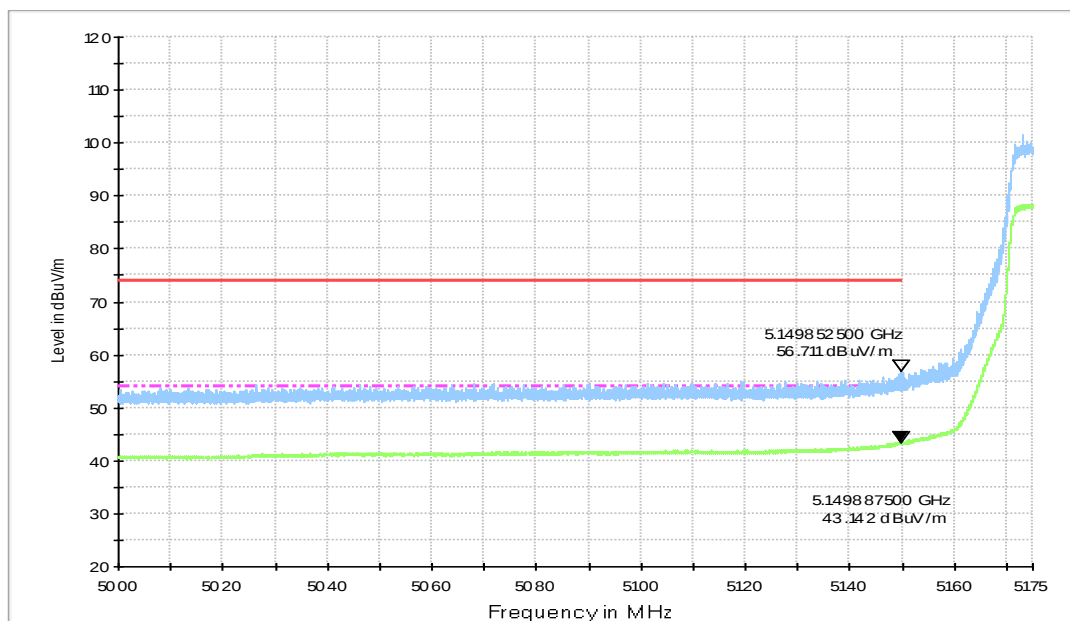


Fig.17 Band Edges (802.11ax-HT40, 5190MHz)

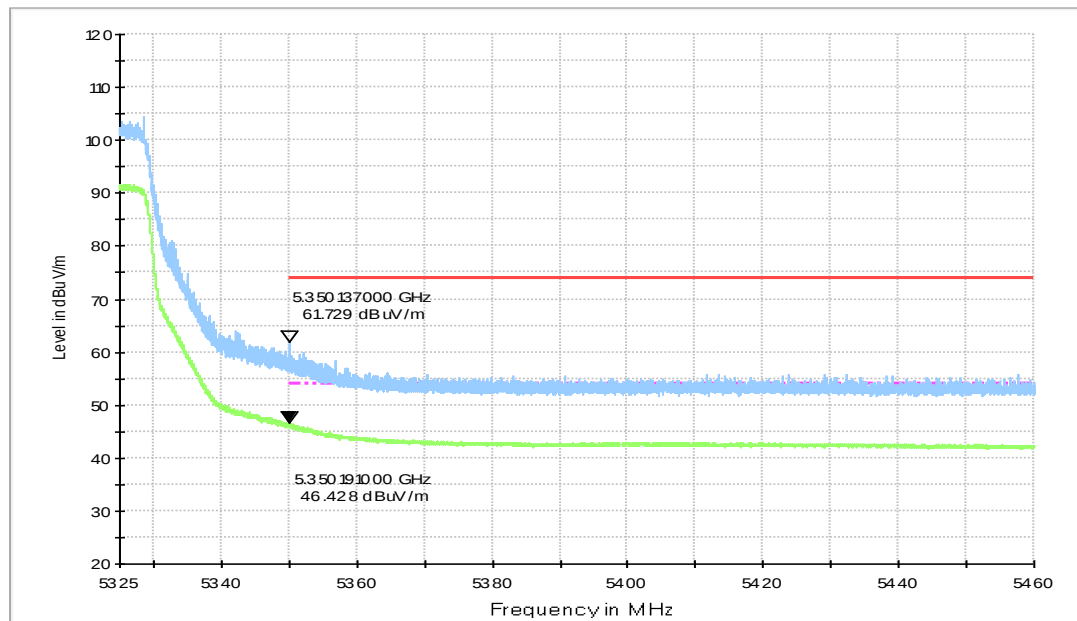


Fig.18 Band Edges (802.11ax-HT40, 5310MHz)

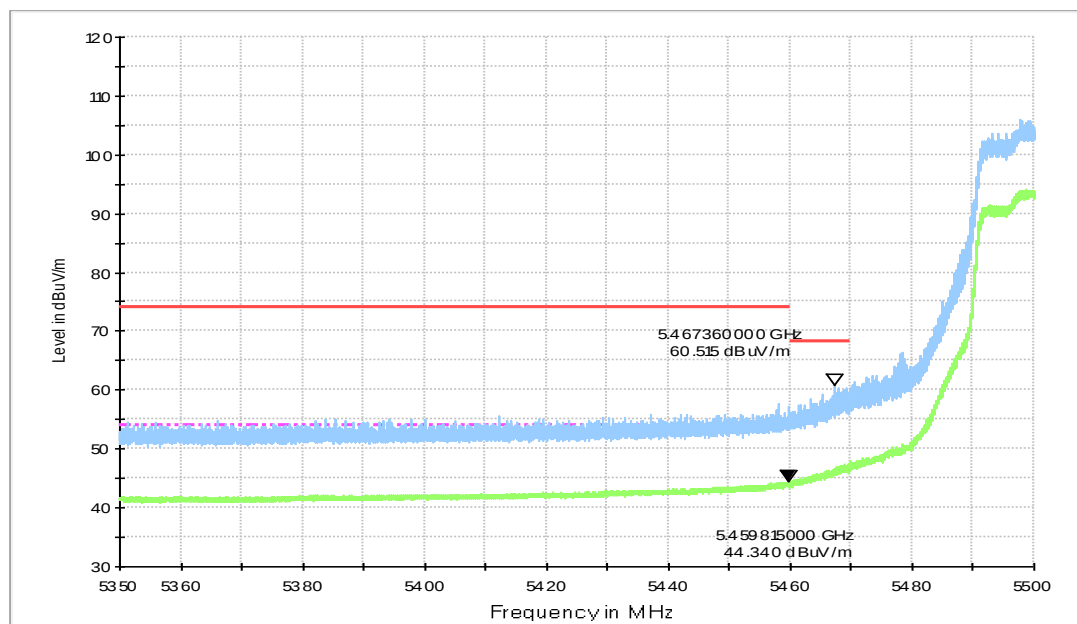


Fig.19 Band Edges (802.11ax-HT40, 5510MHz)

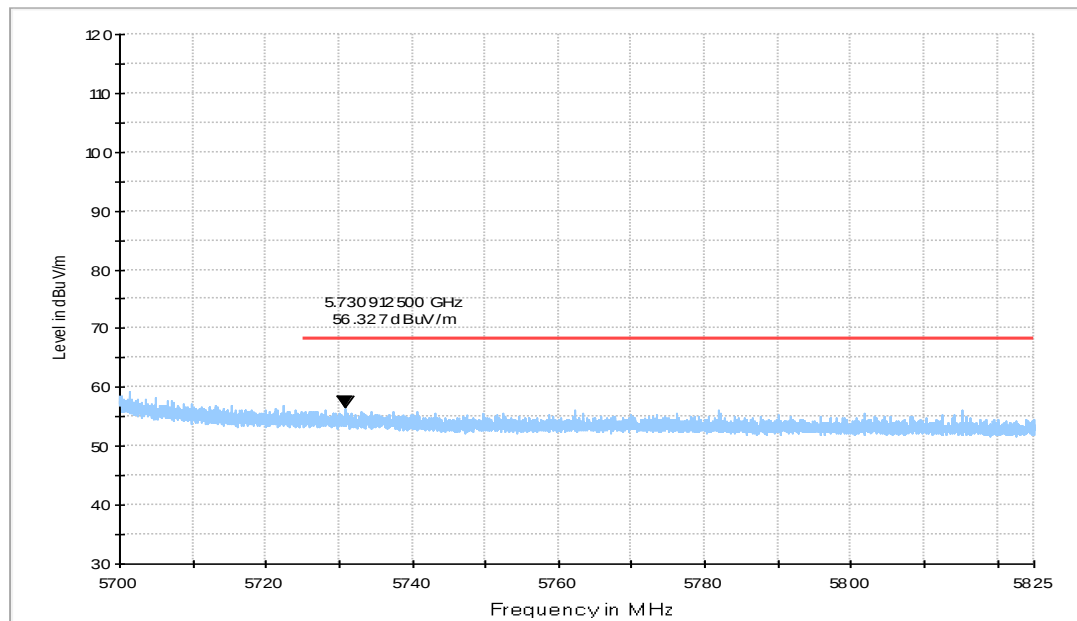


Fig.20 Band Edges (802.11ax-HT40, 5670MHz)

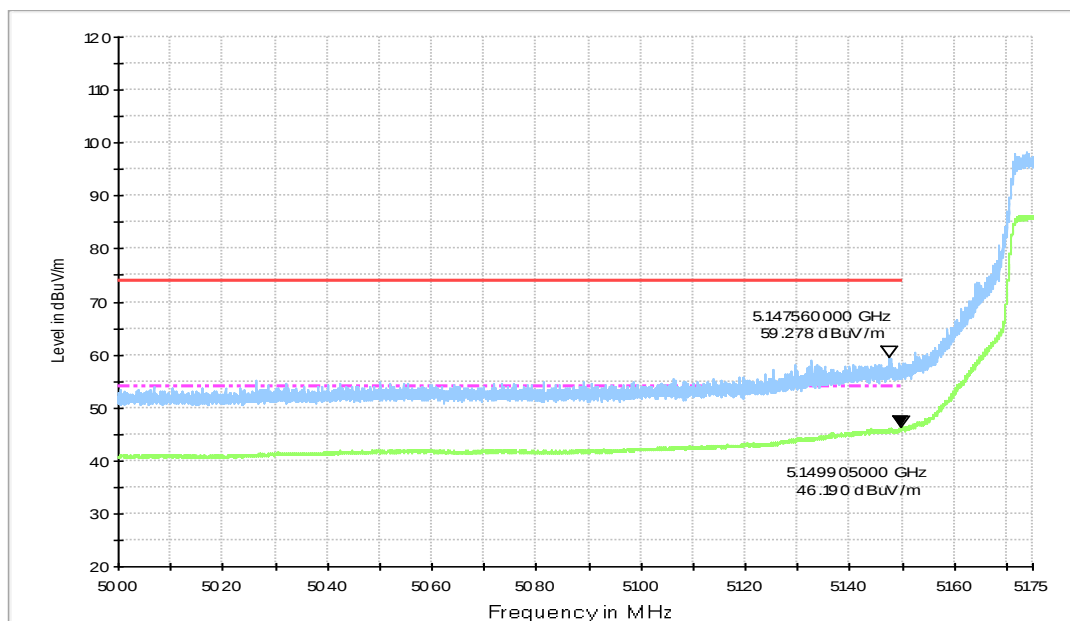


Fig.21 Band Edges (802.11ax-HT80, 5210MHz)

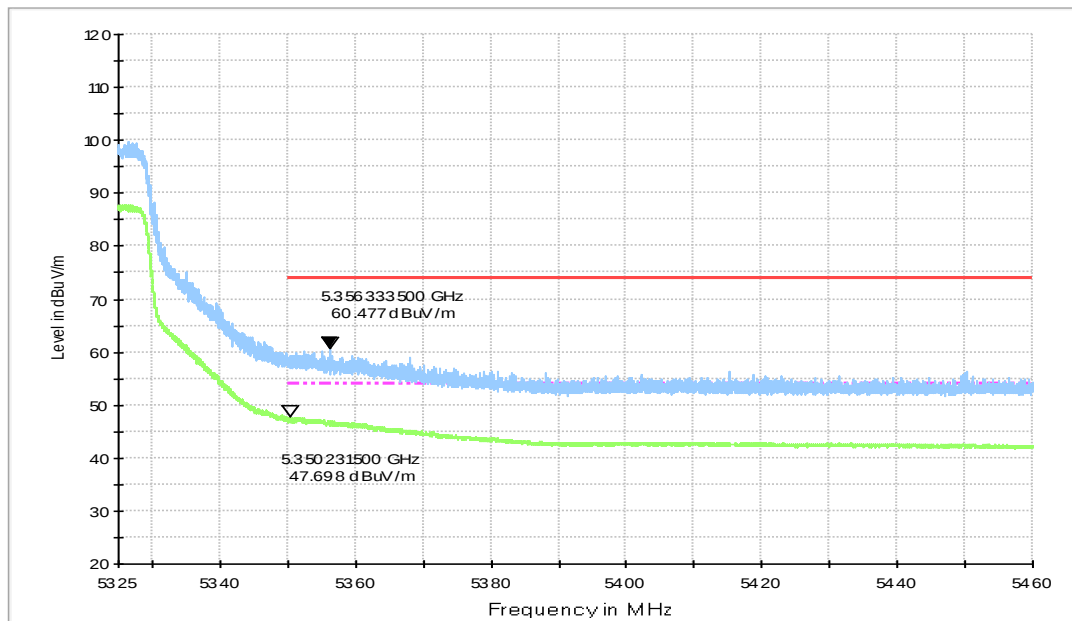


Fig.22 Band Edges (802.11ax-HT80, 5290MHz)

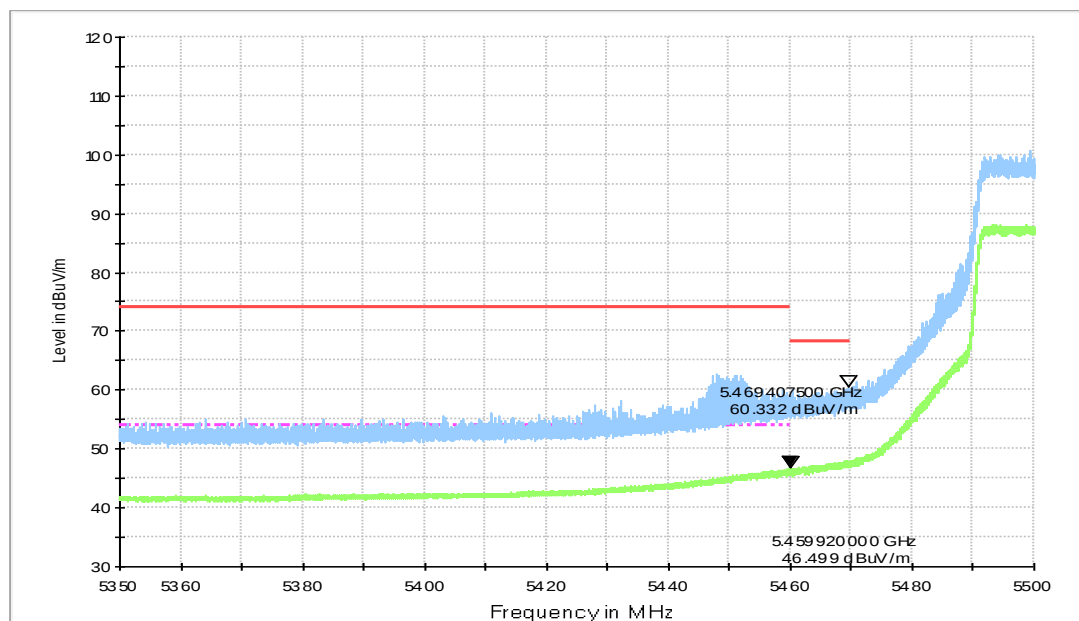


Fig.23 Band Edges (802.11ax-HT80, 5530MHz)

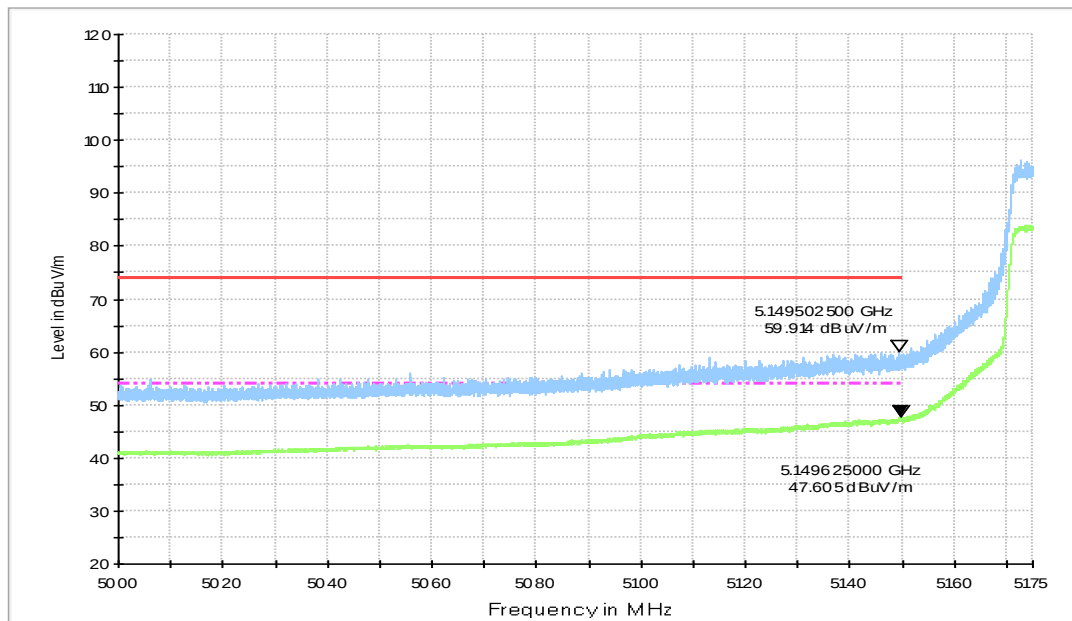


Fig.24 Band Edges (802.11ax-HT160, 5250MHz)

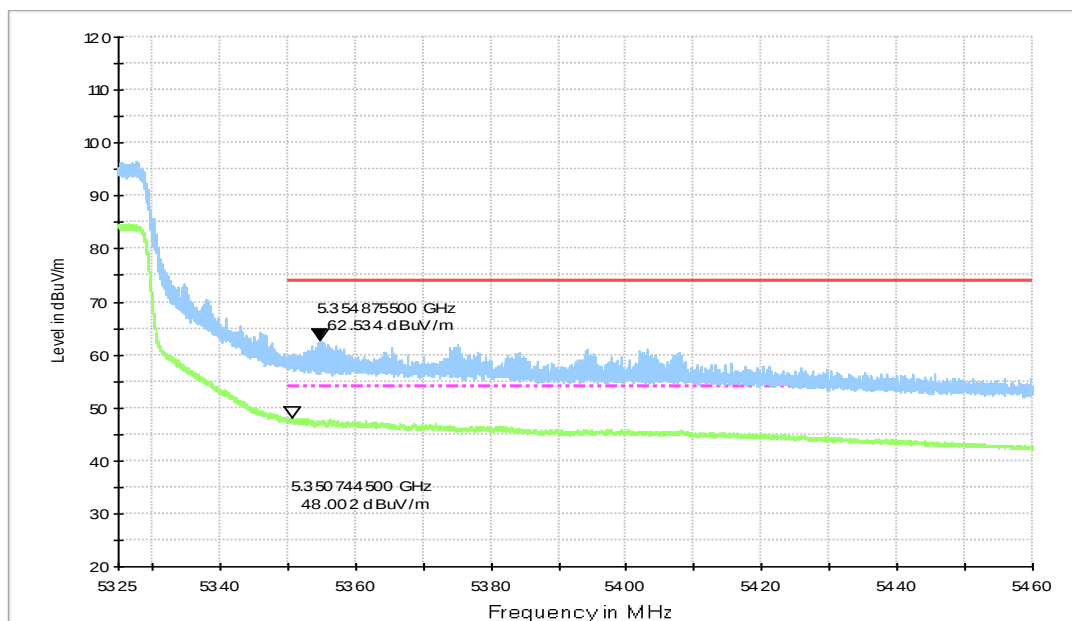


Fig.25 Band Edges (802.11ax-HT160, 5250MHz)

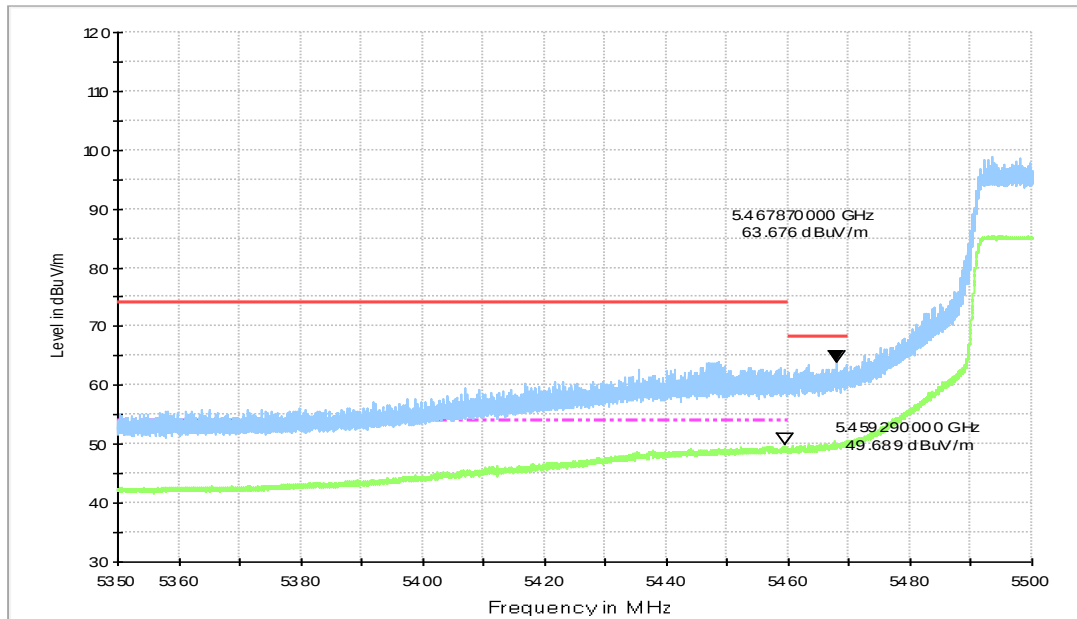


Fig.26 Band Edges (802.11ax-HT160, 5570MHz)

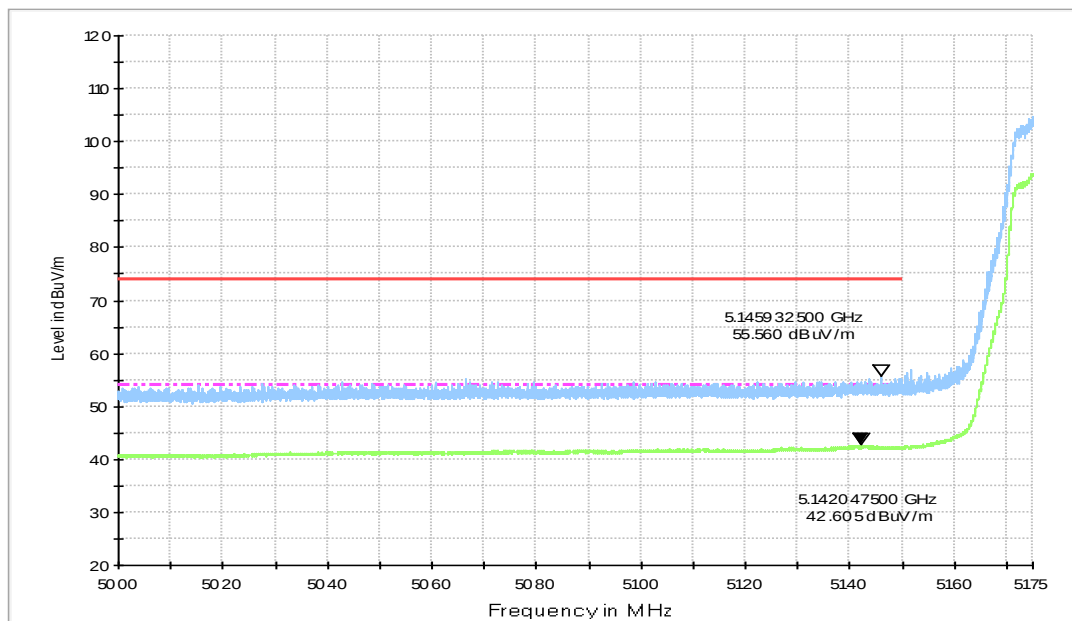


Fig.27 Band Edges (802.11ac-HT20, 5180MHz)

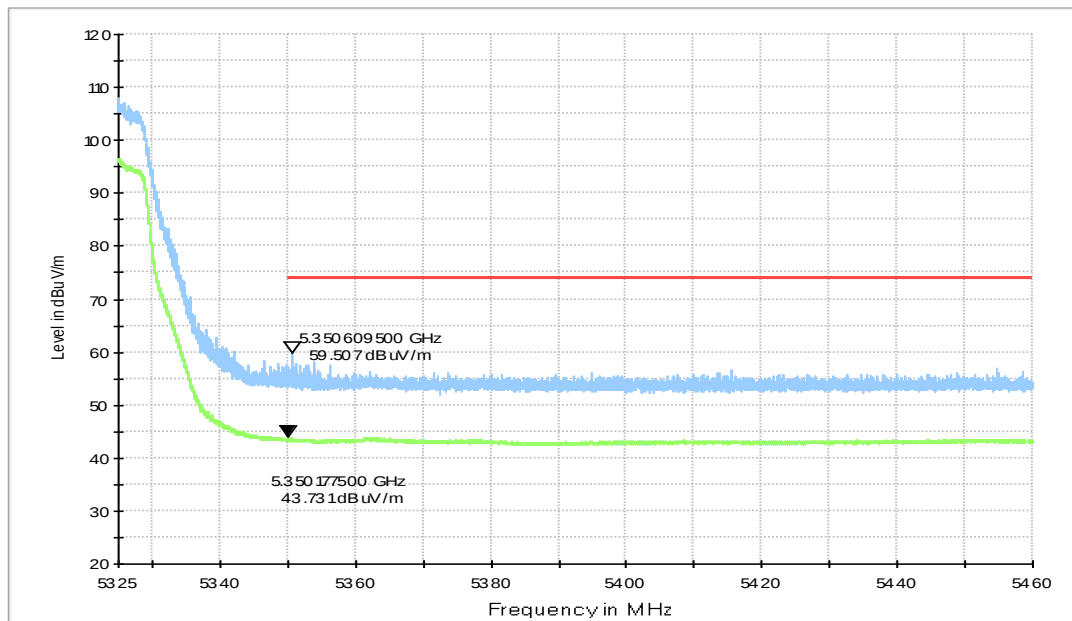


Fig.28 Band Edges (802.11ac-HT20, 5320MHz)

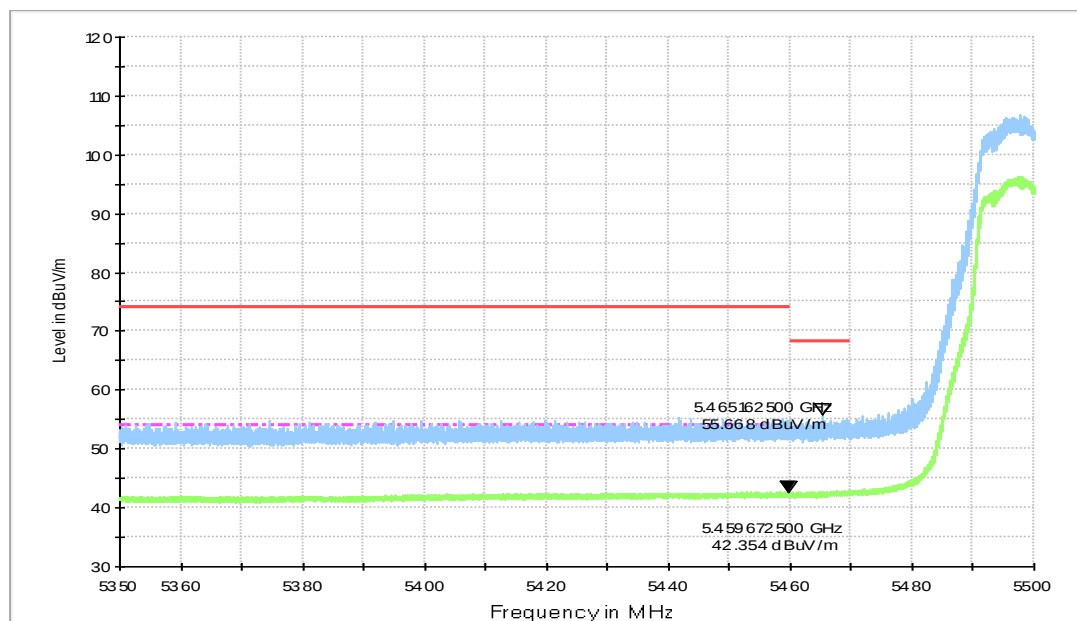


Fig.29 Band Edges (802.11ac-HT20, 5500MHz)

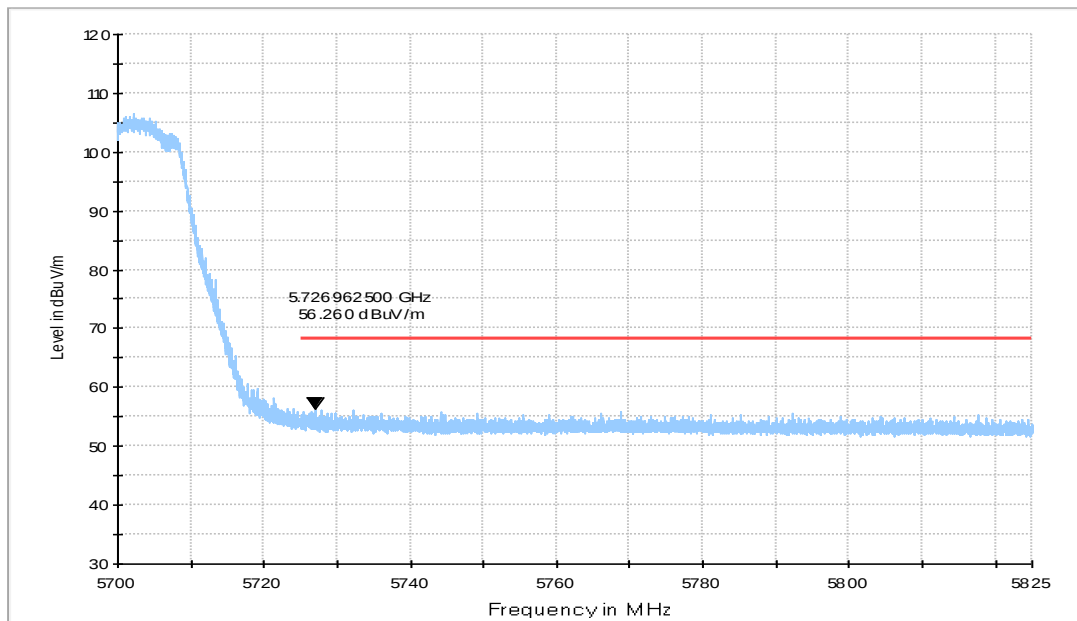


Fig.30 Band Edges (802.11ac-HT20, 5700MHz)

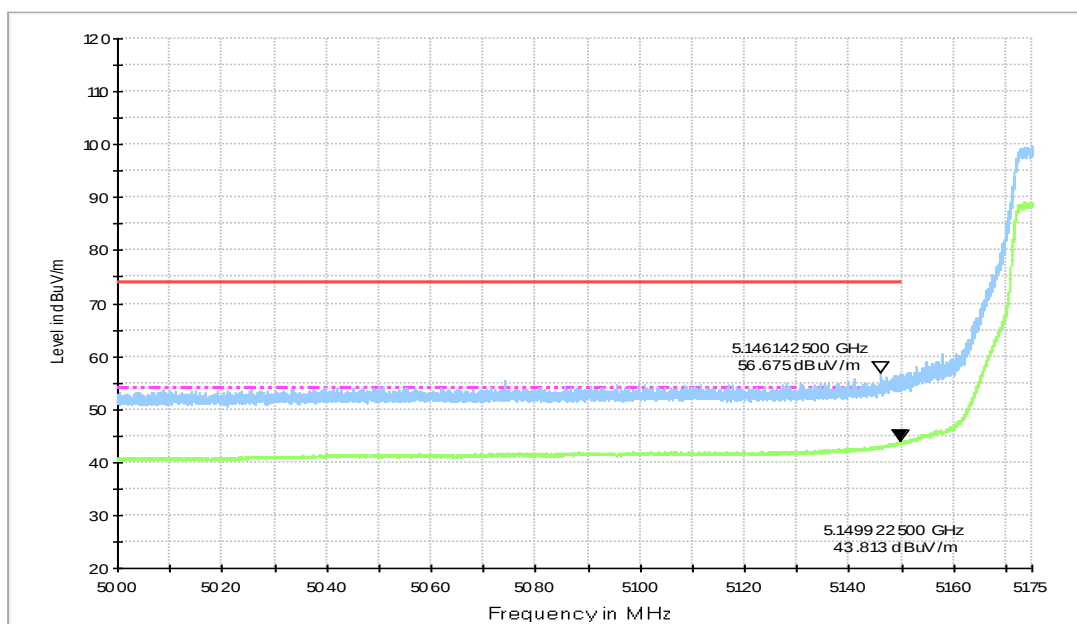


Fig.31 Band Edges (802.11ac-HT40, 5190MHz)

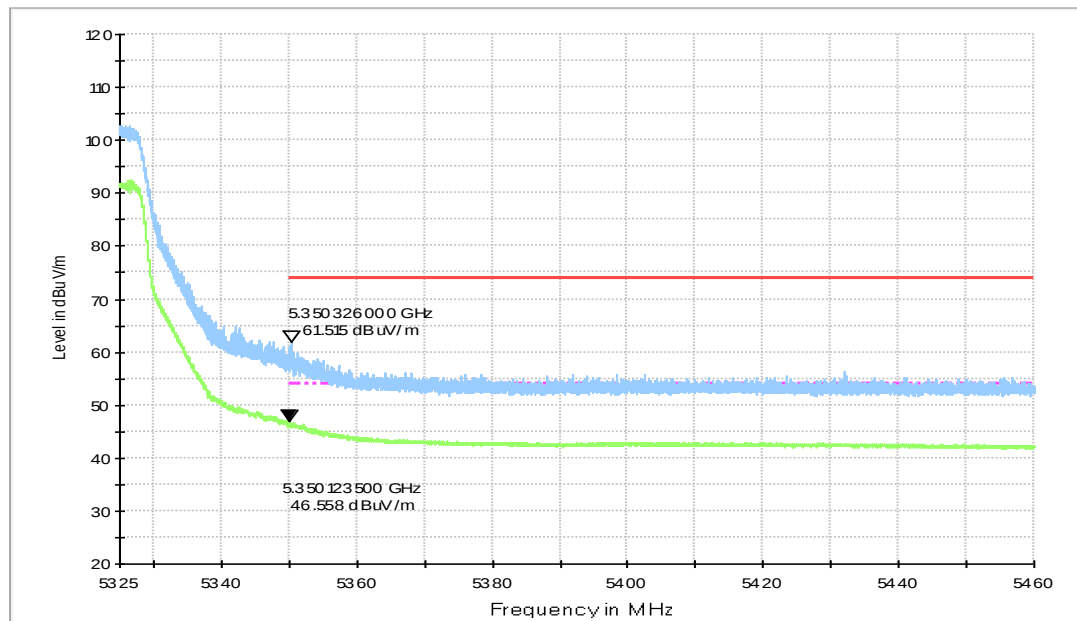


Fig.32 Band Edges (802.11ac-HT40, 5310MHz)

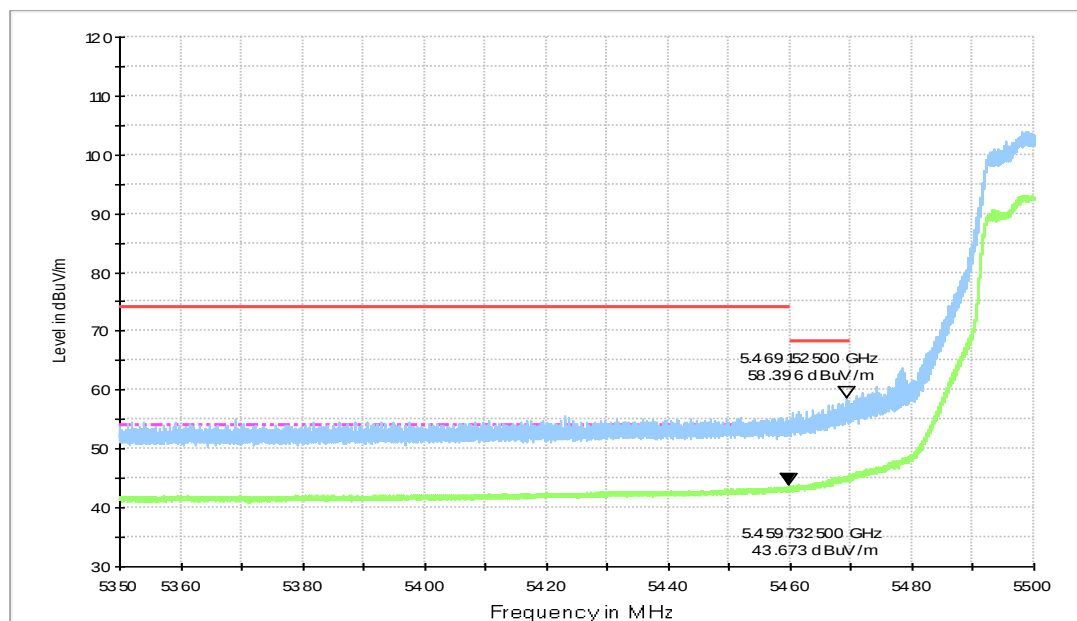


Fig.33 Band Edges (802.11ac-HT40, 5510MHz)

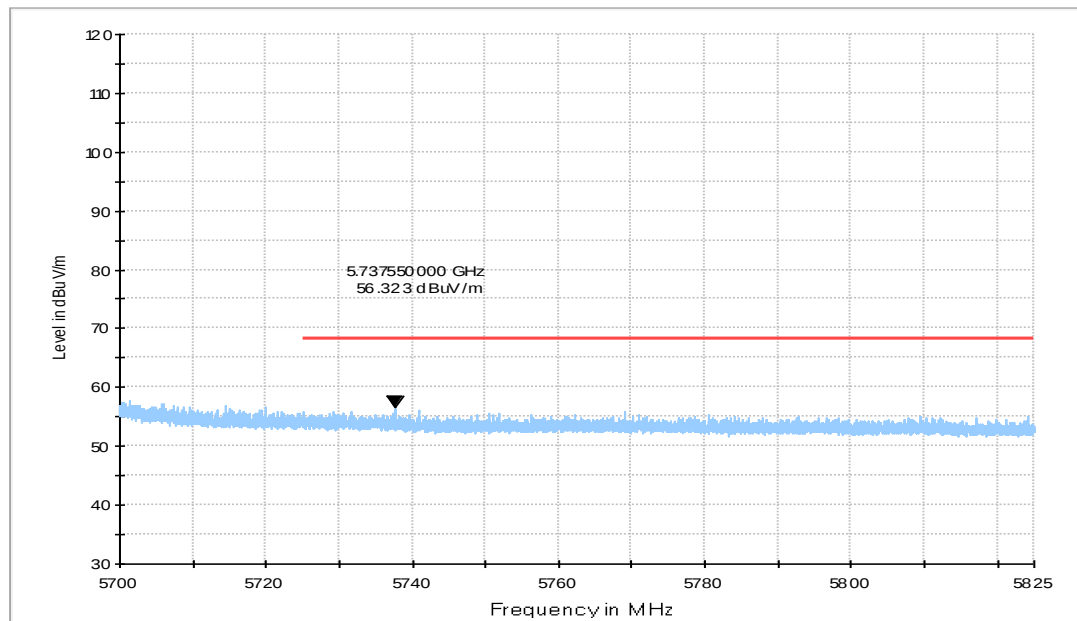


Fig.34 Band Edges (802.11ac-HT40, 5670MHz)

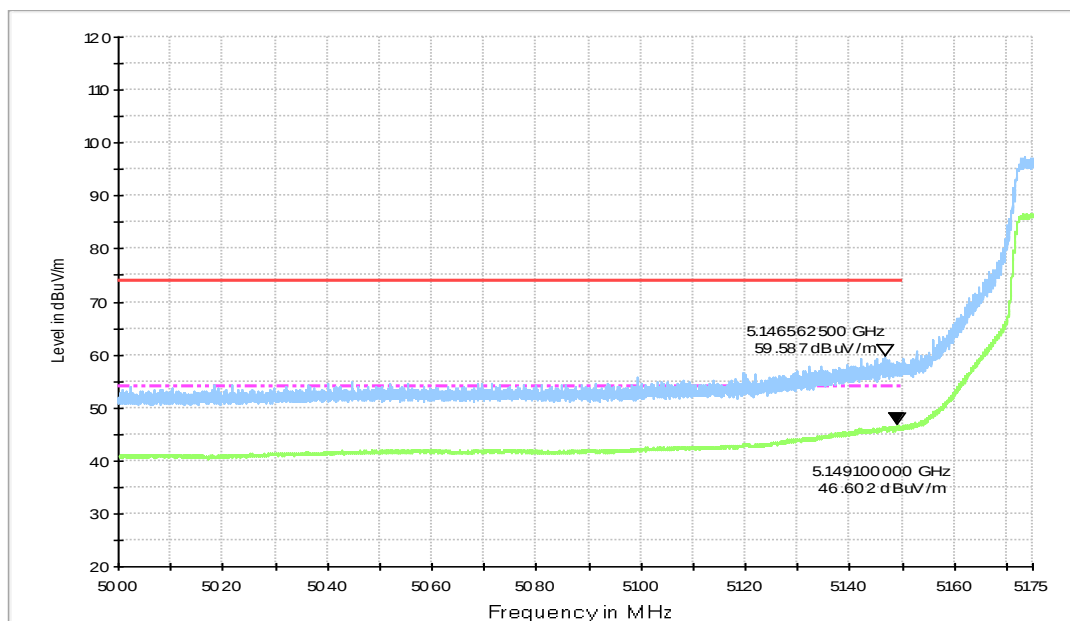


Fig.35 Band Edges (802.11ac-HT80, 5210MHz)

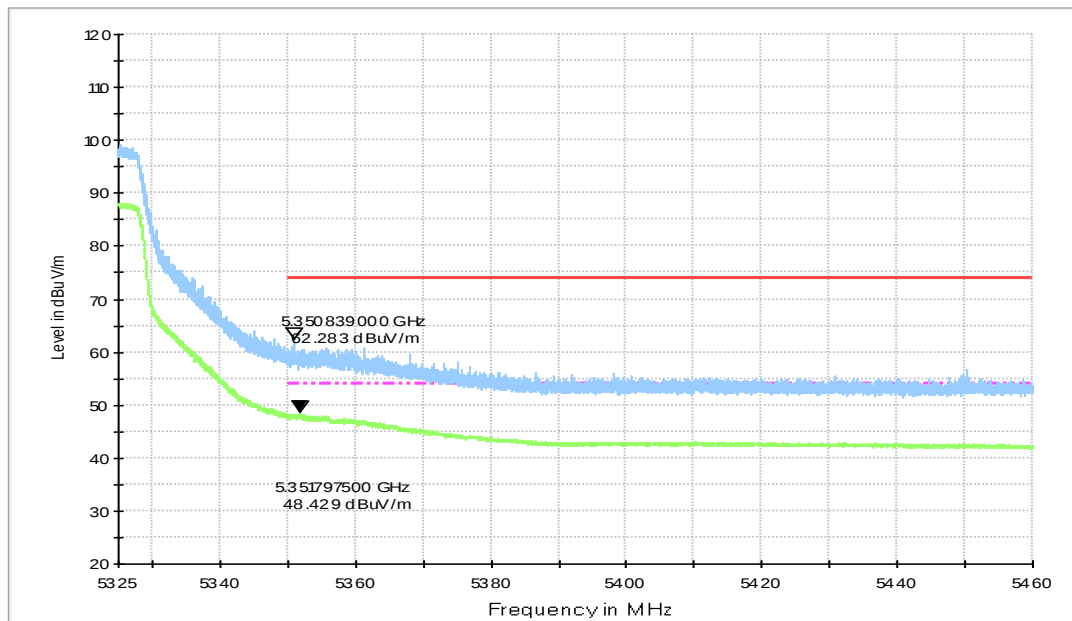


Fig.36 Band Edges (802.11ac-HT80, 5290MHz)

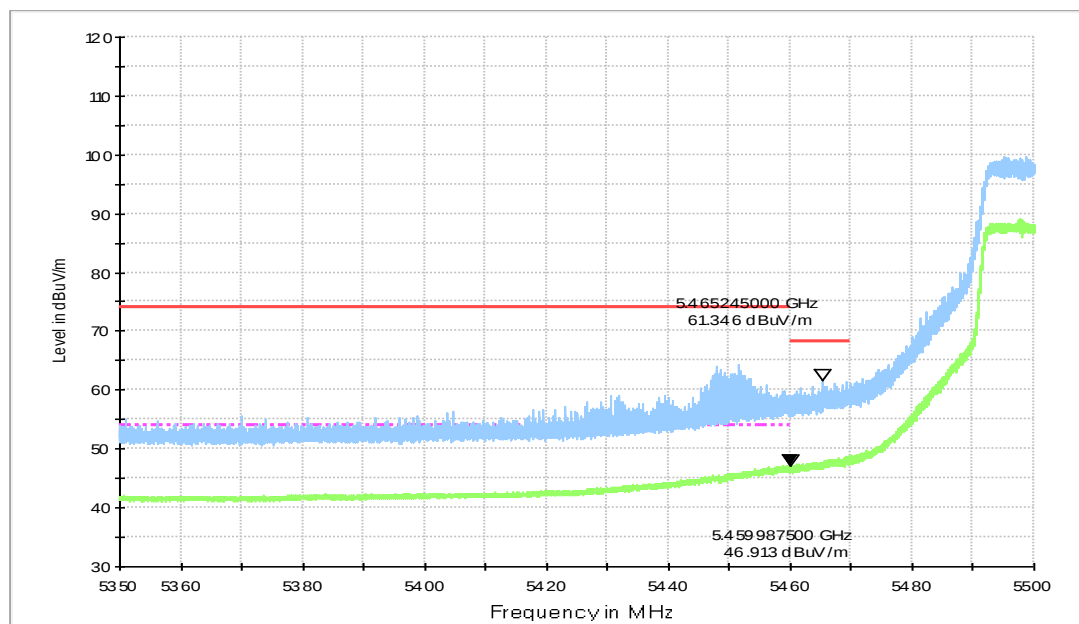


Fig.37 Band Edges (802.11ac-HT80, 5530MHz)

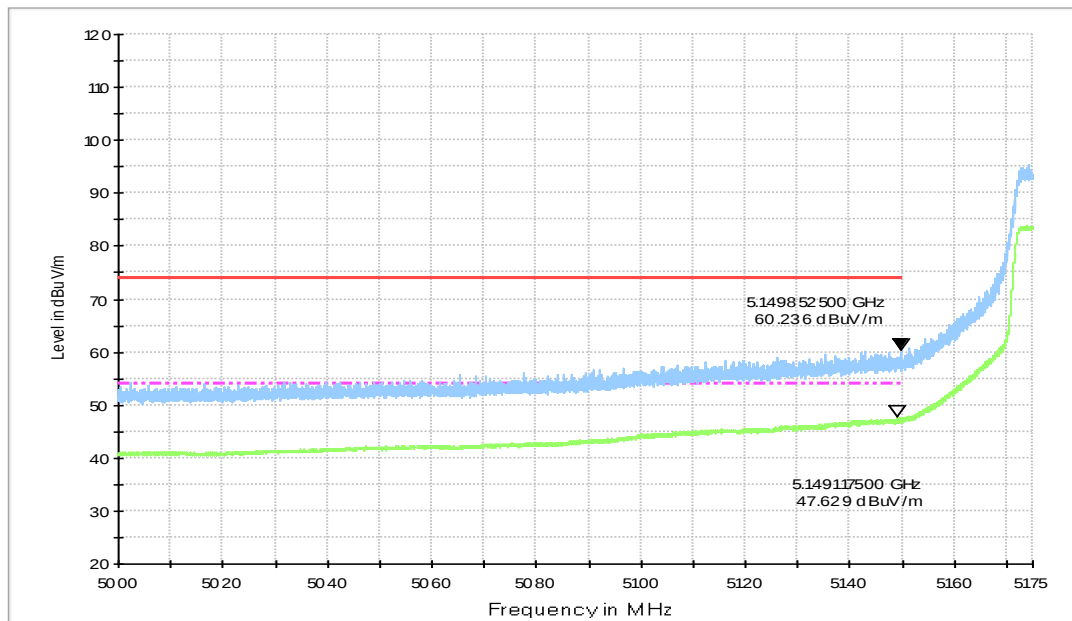


Fig.38 Band Edges (802.11ac-HT160, 5250MHz)

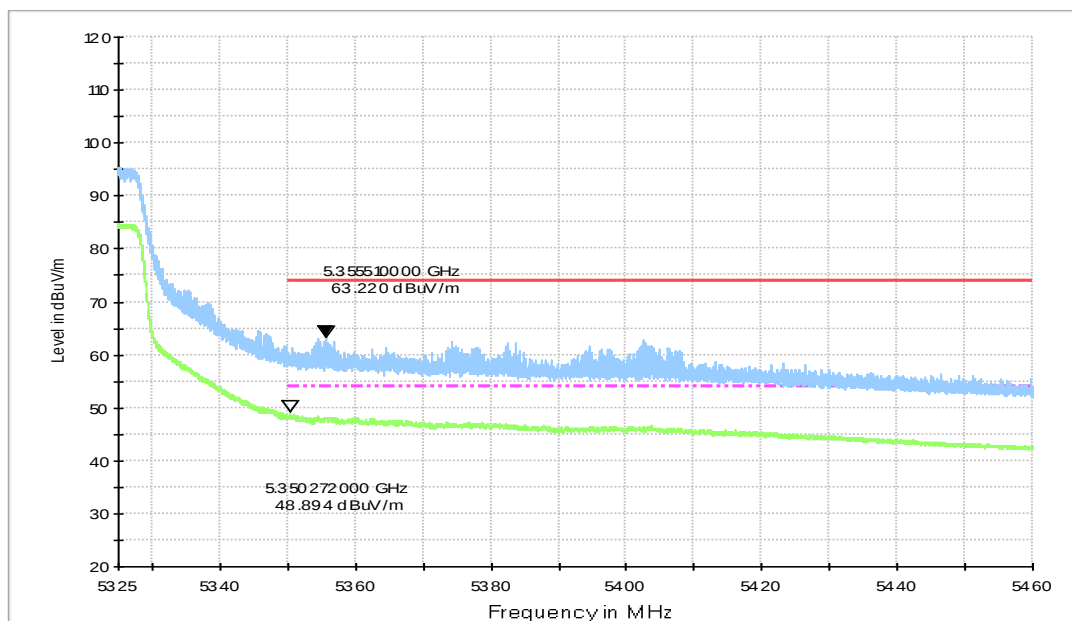


Fig.39 Band Edges (802.11ac-HT160, 5250MHz)

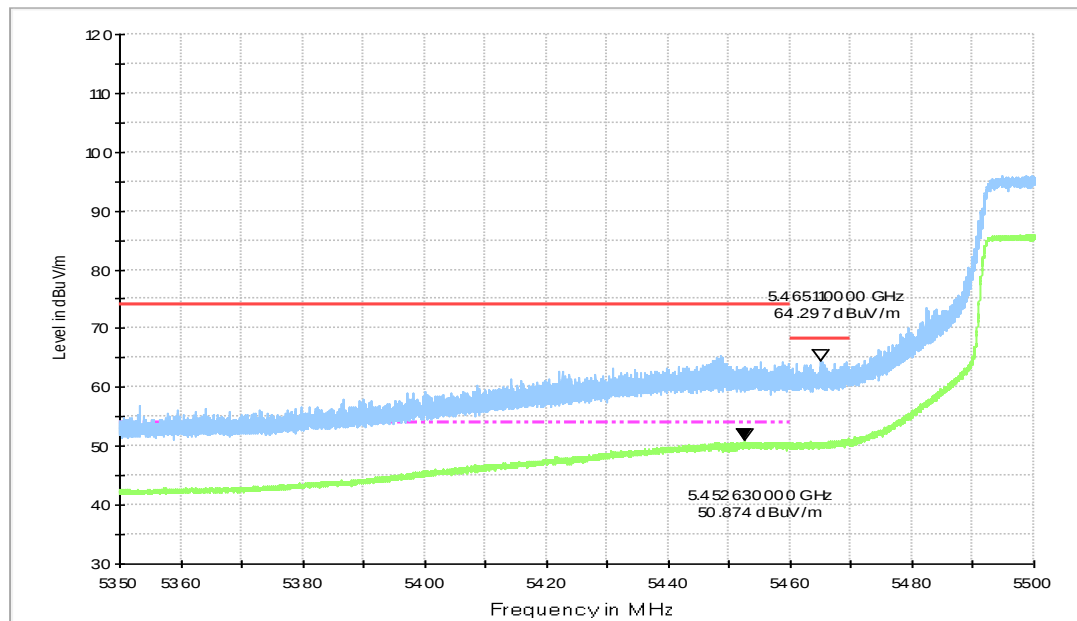


Fig.40 Band Edges (802.11ac-HT160, 5570MHz)

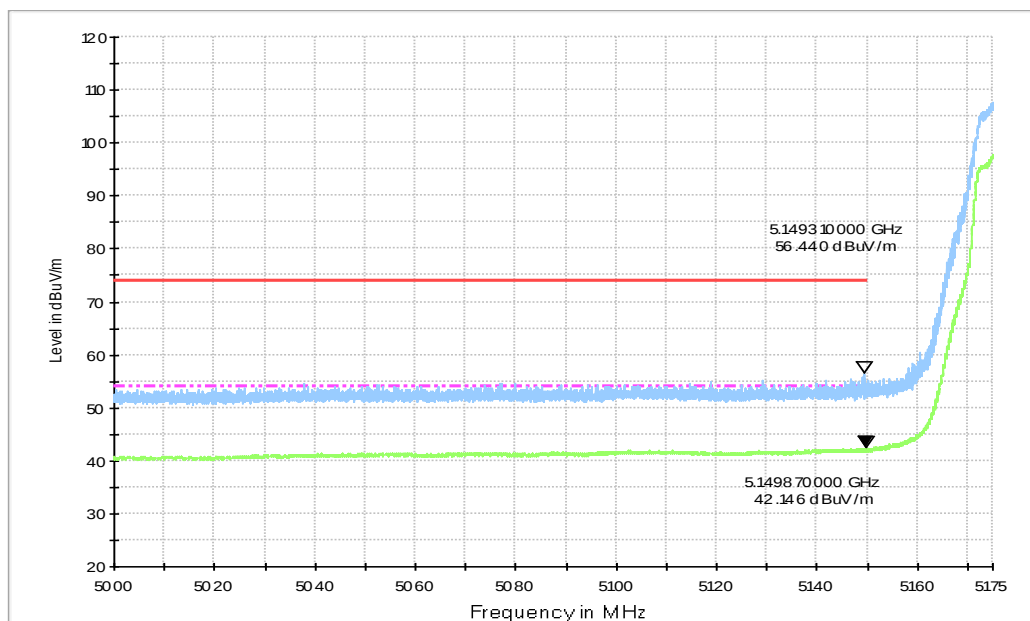


Fig.41 Band Edges (802.11a, 5180MHz)

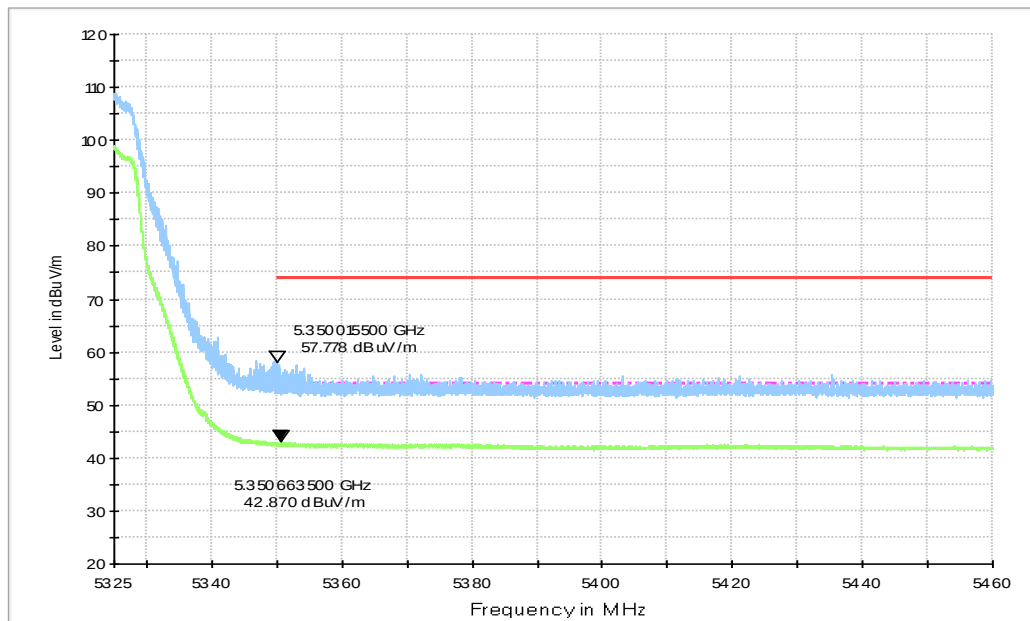


Fig.42 Band Edges (802.11a, 5320MHz)

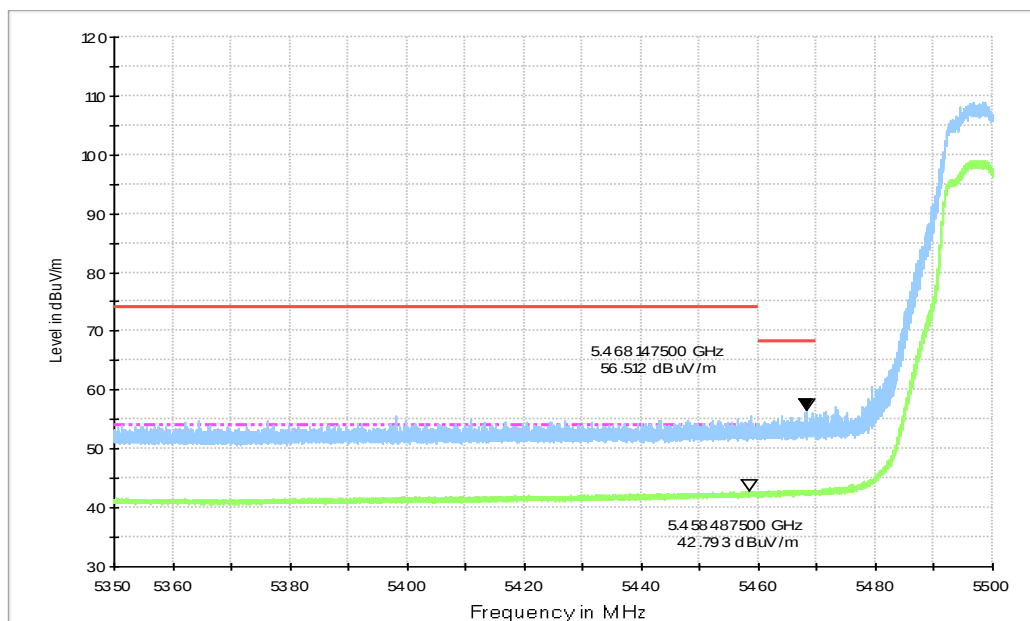


Fig.43 Band Edges (802.11a, 5500MHz)

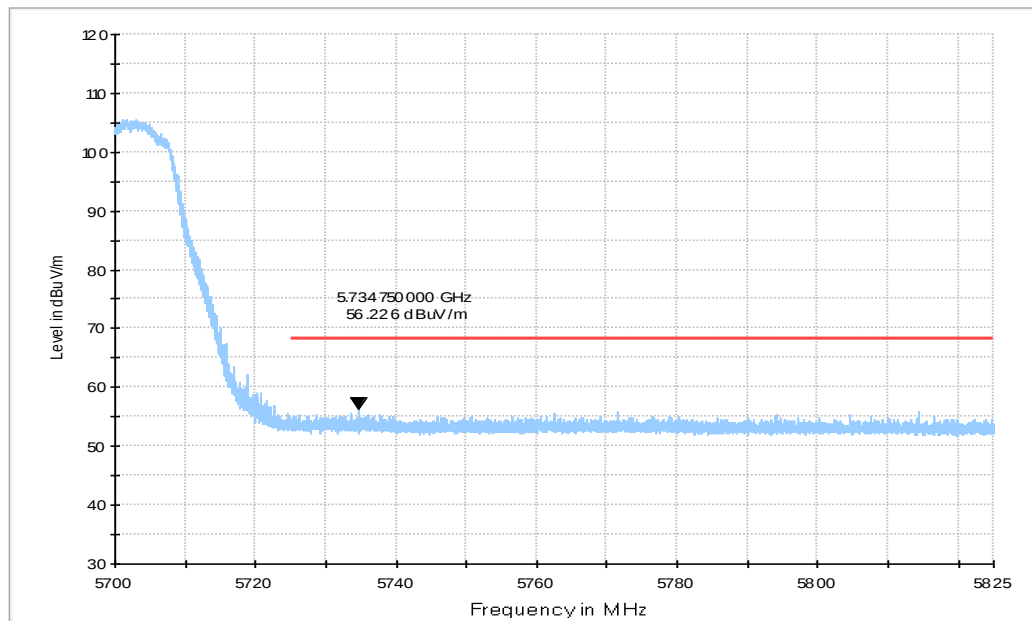


Fig.44 Band Edges (802.11a, 5700MHz)

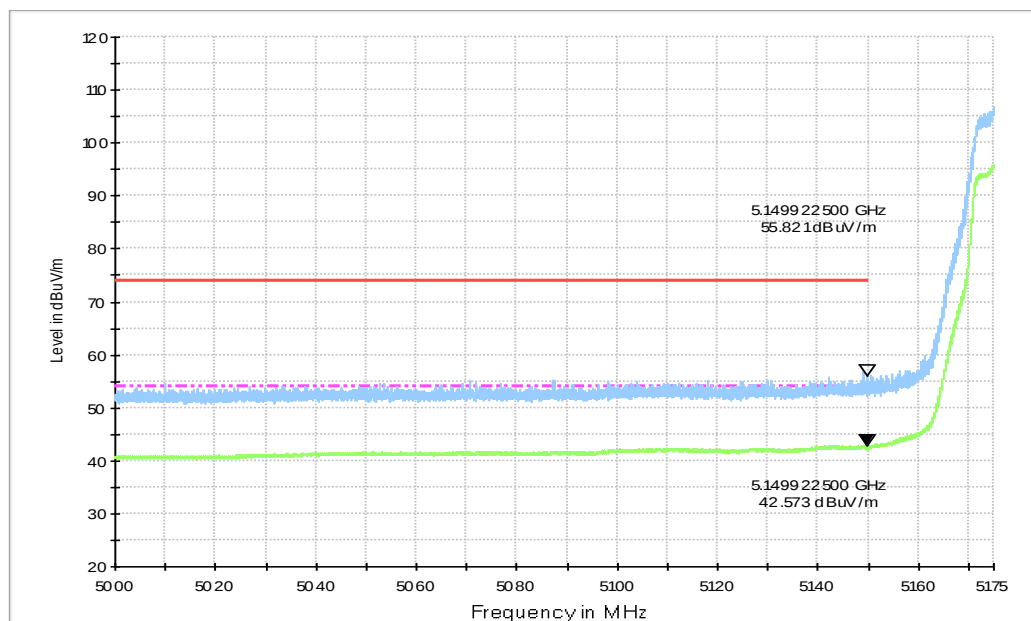


Fig.45 Band Edges (802.11n-HT20, 5180MHz)

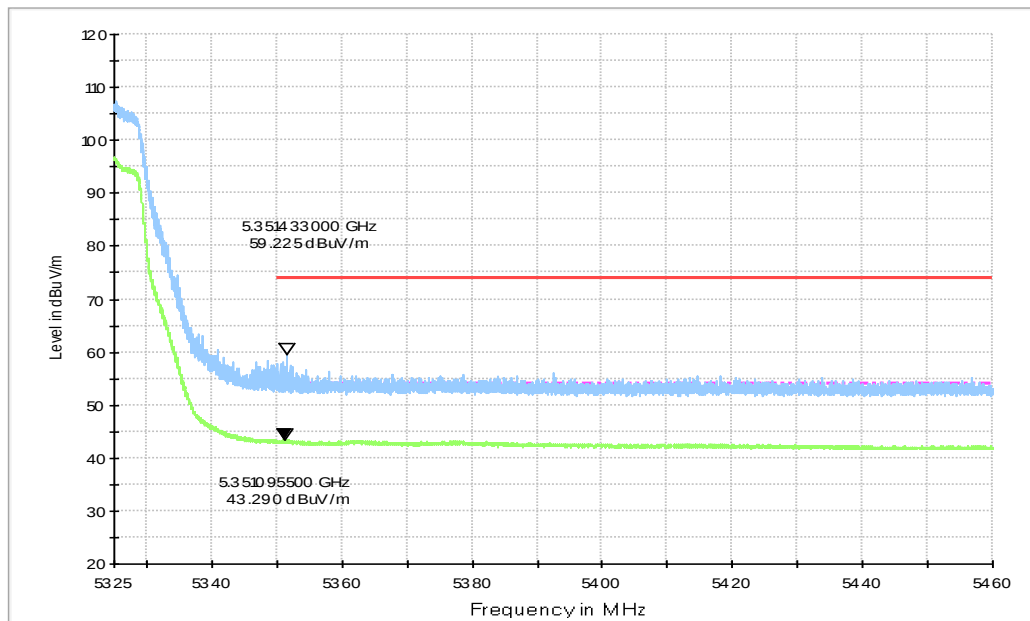


Fig.46 Band Edges (802.11n-HT20, 5320MHz)

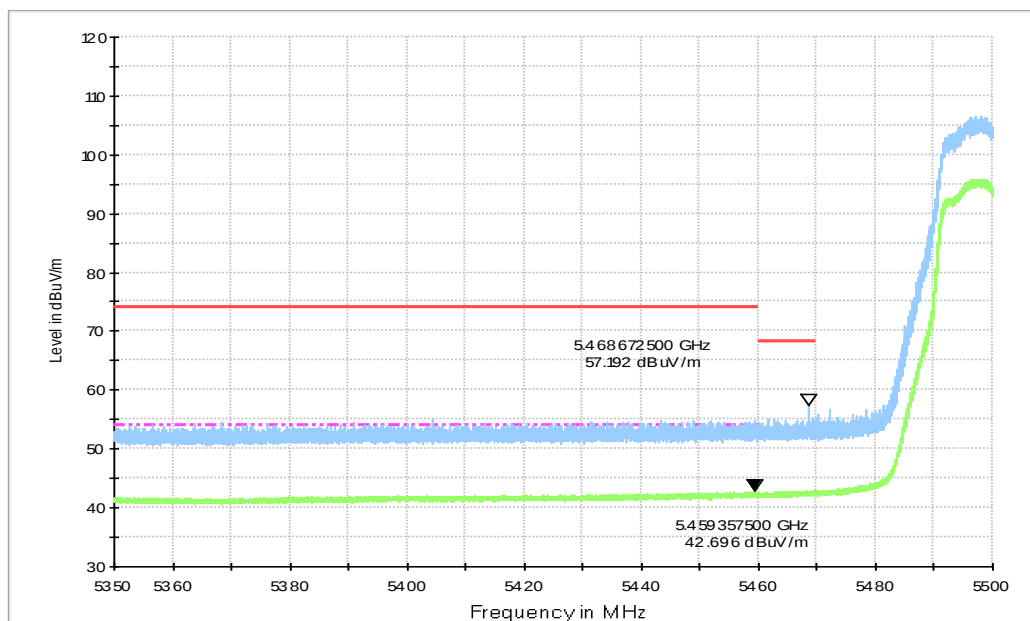


Fig.47 Band Edges (802.11n-HT20, 5500MHz)

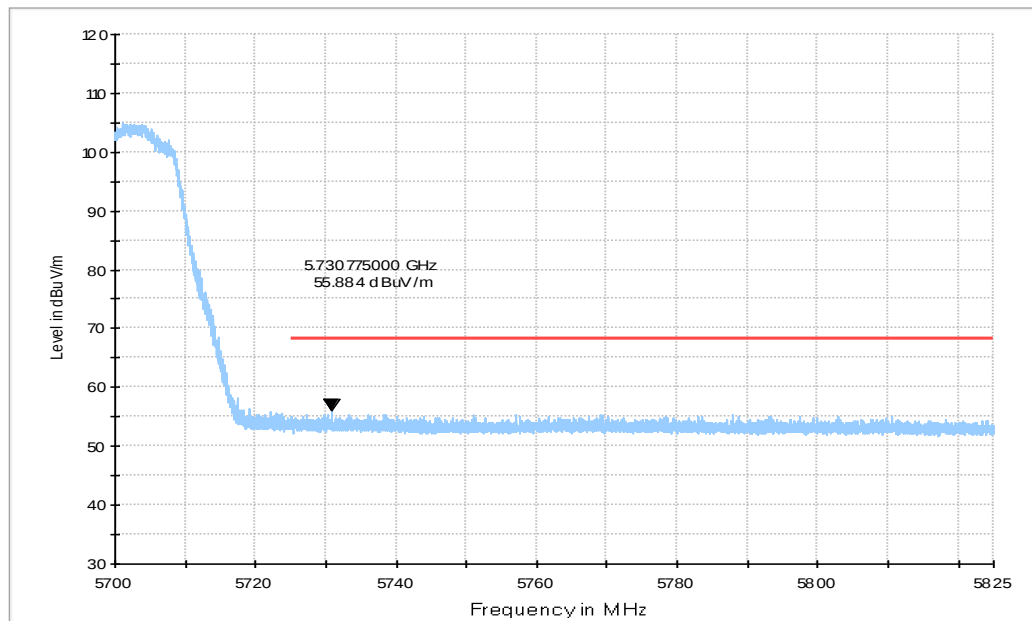


Fig.48 Band Edges (802.11n-HT20, 5700MHz)

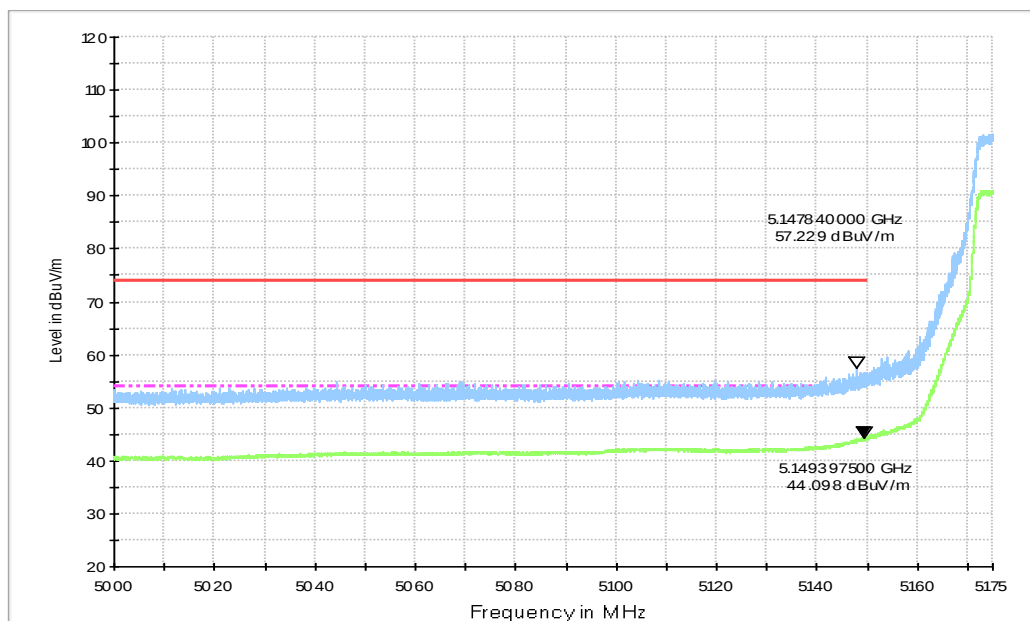


Fig.49 Band Edges (802.11n-HT40, 5190MHz)

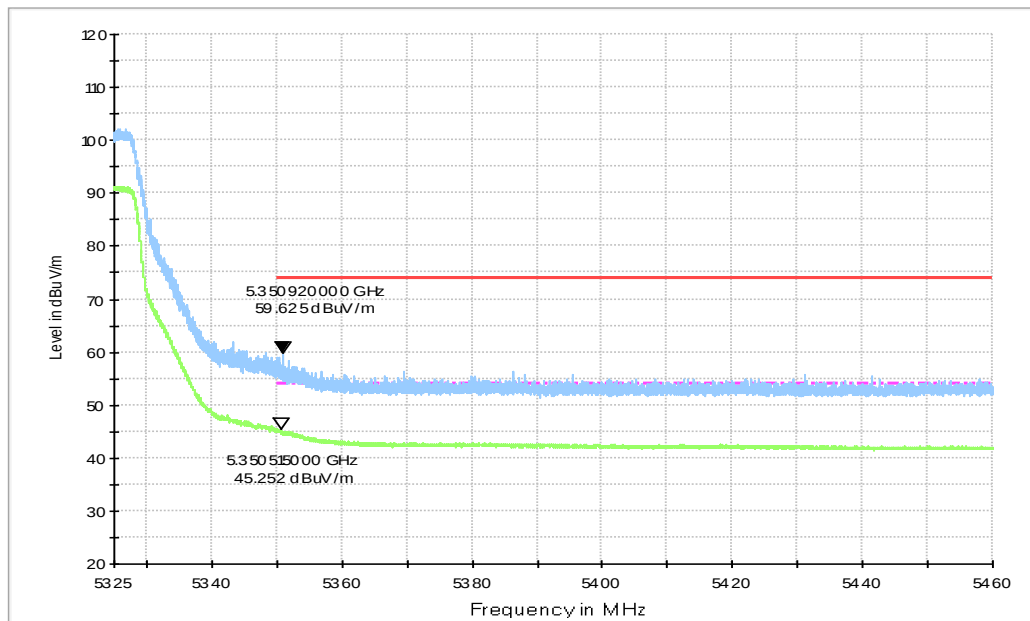


Fig.50 Band Edges (802.11n-HT40, 5310MHz)

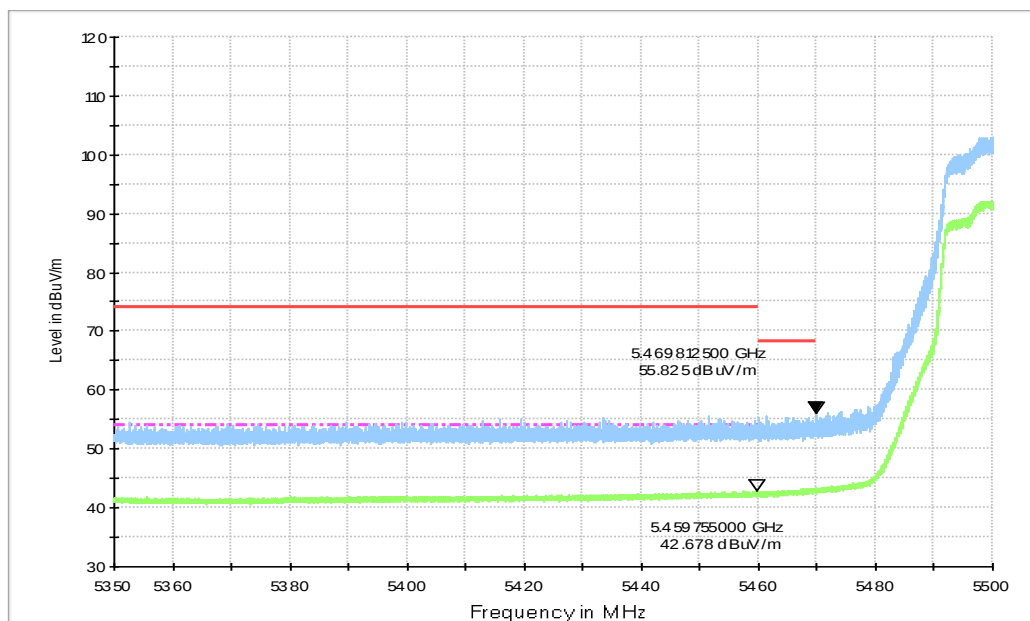


Fig.51 Band Edges (802.11n-HT40, 5510MHz)

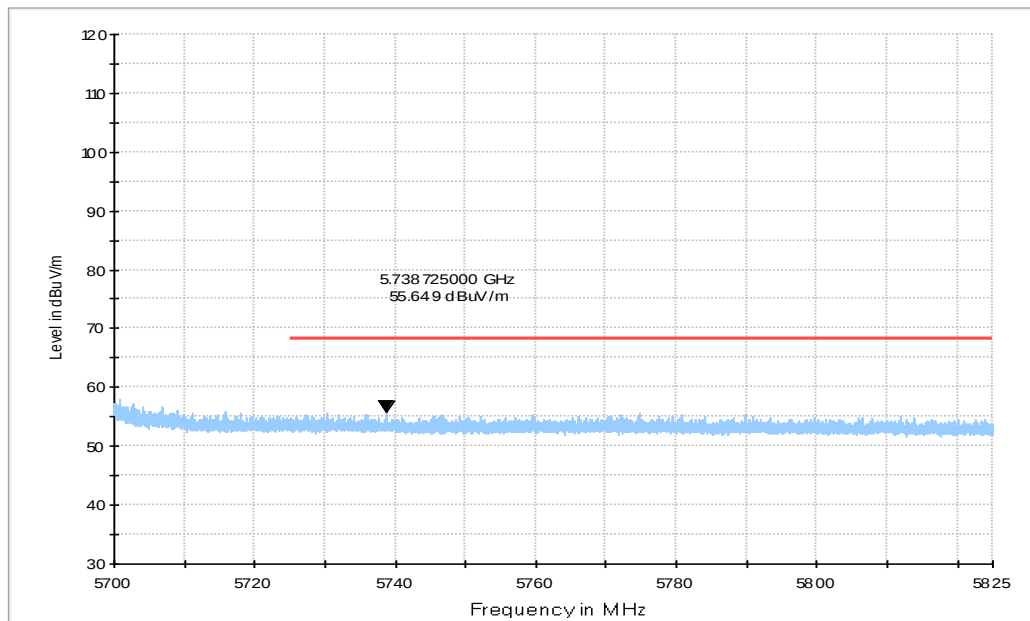


Fig.52 Band Edges (802.11n-HT40, 5670MHz)

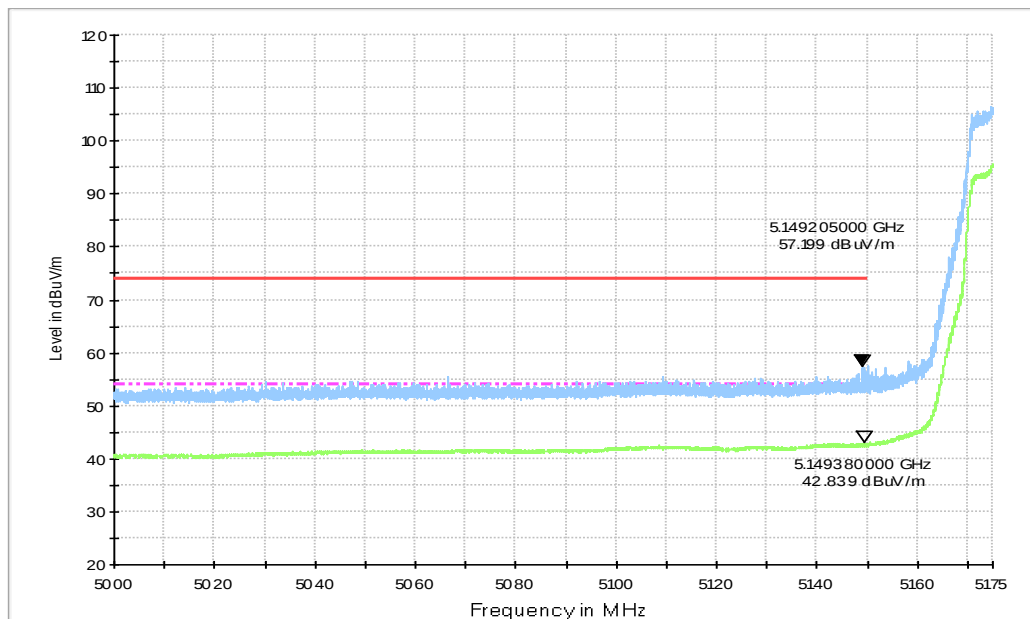


Fig.53 Band Edges (802.11ax-HT20, 5180MHz)

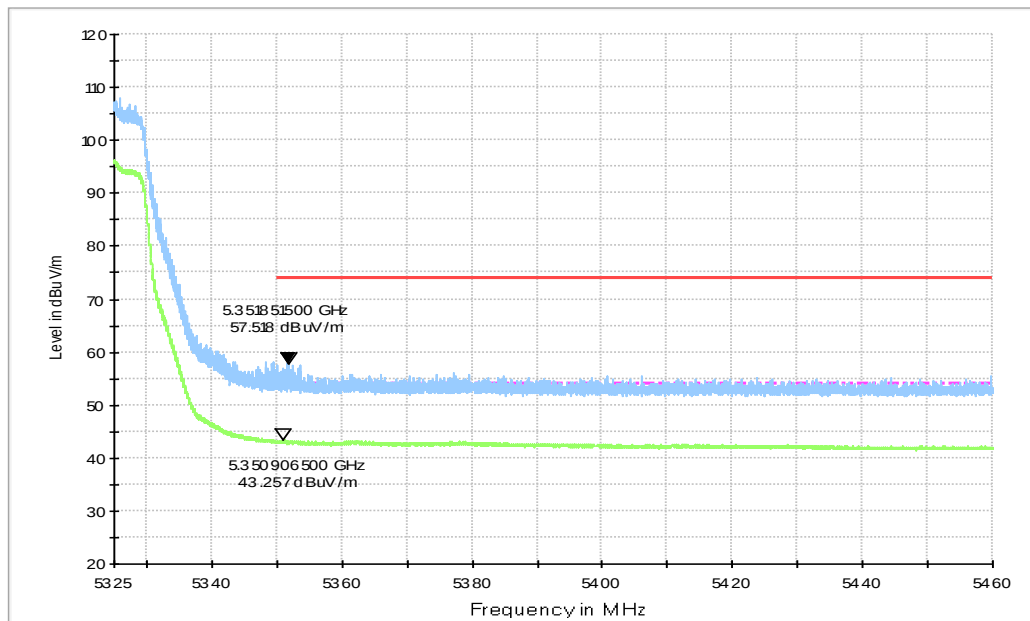


Fig.54 Band Edges (802.11ax-HT20, 5320MHz)

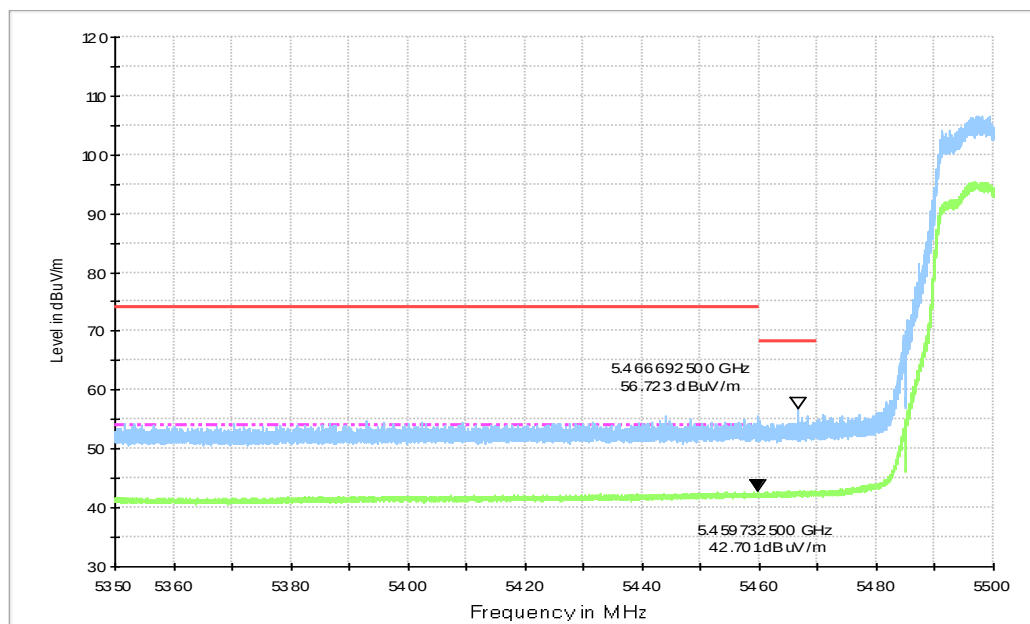


Fig.55 Band Edges (802.11ax-HT20, 5500MHz)

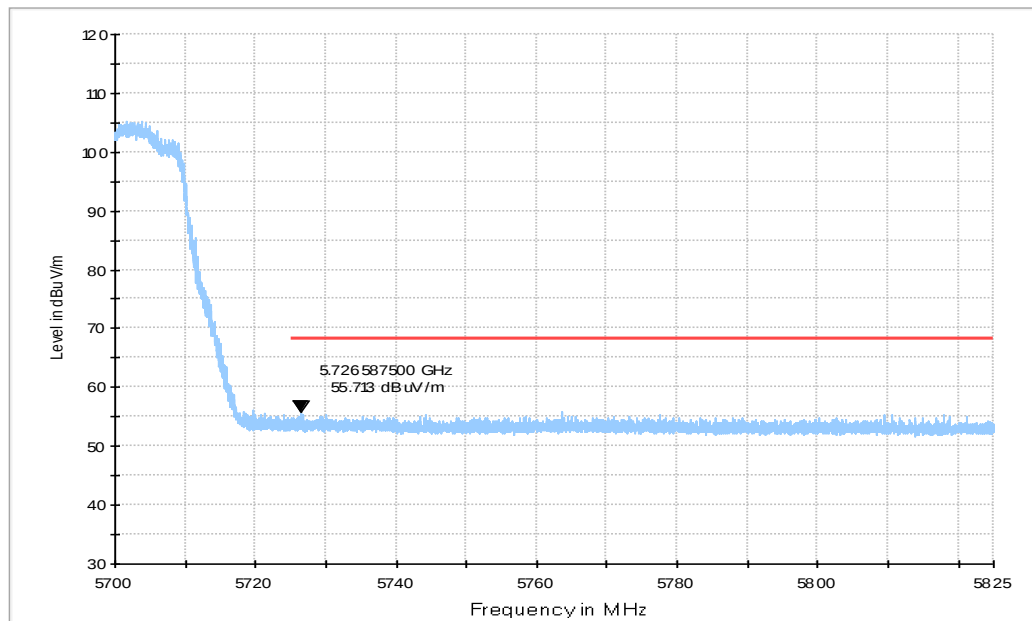


Fig.56 Band Edges (802.11ax-HT20, 5700MHz)

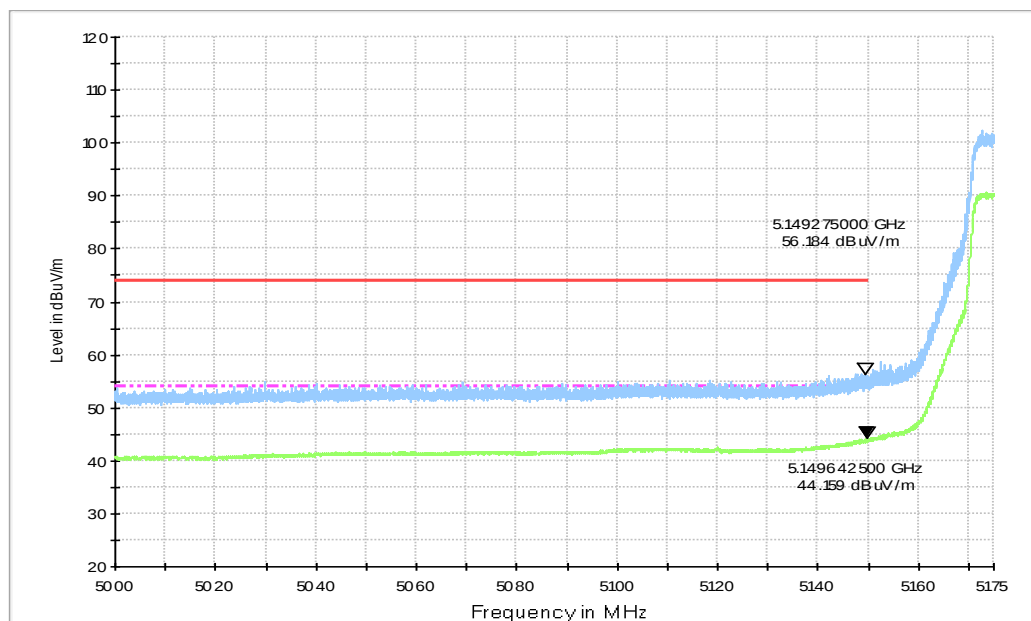


Fig.57 Band Edges (802.11ax-HT40, 5190MHz)

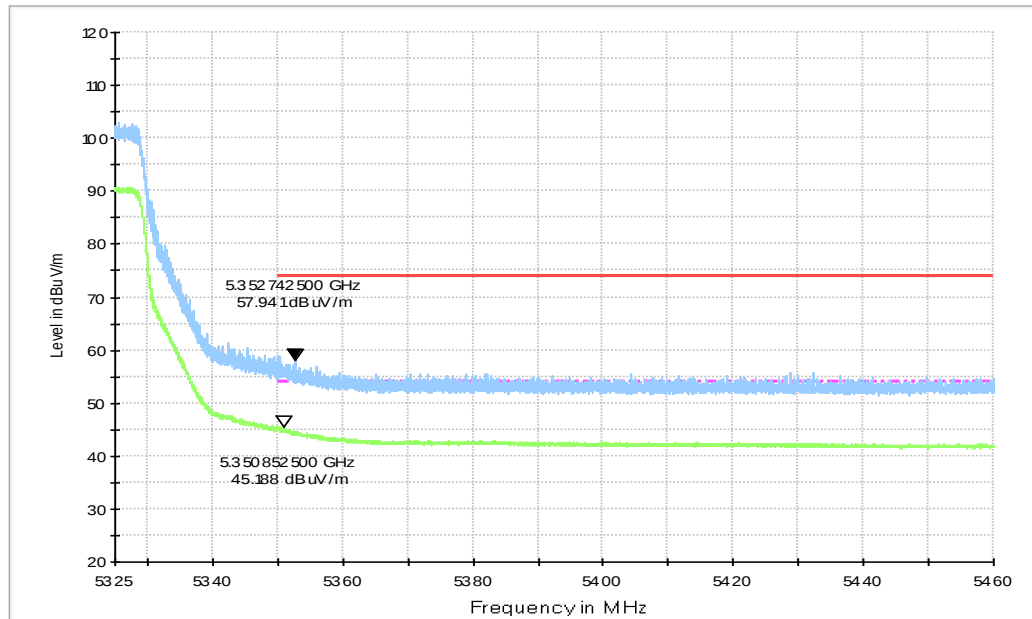


Fig.58 Band Edges (802.11ax-HT40, 5310MHz)

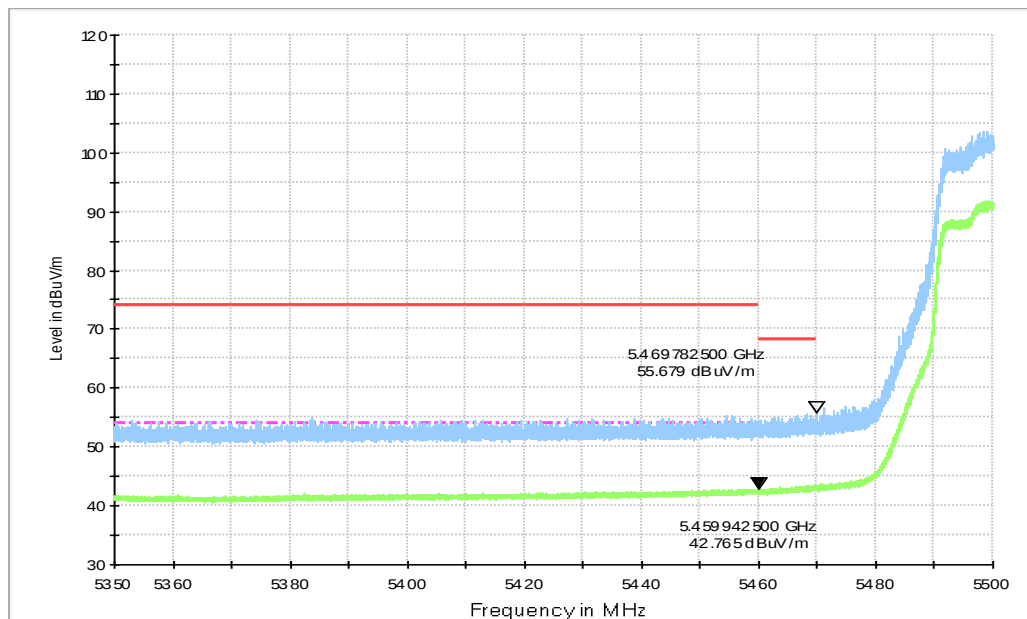


Fig.59 Band Edges (802.11ax-HT40, 5510MHz)

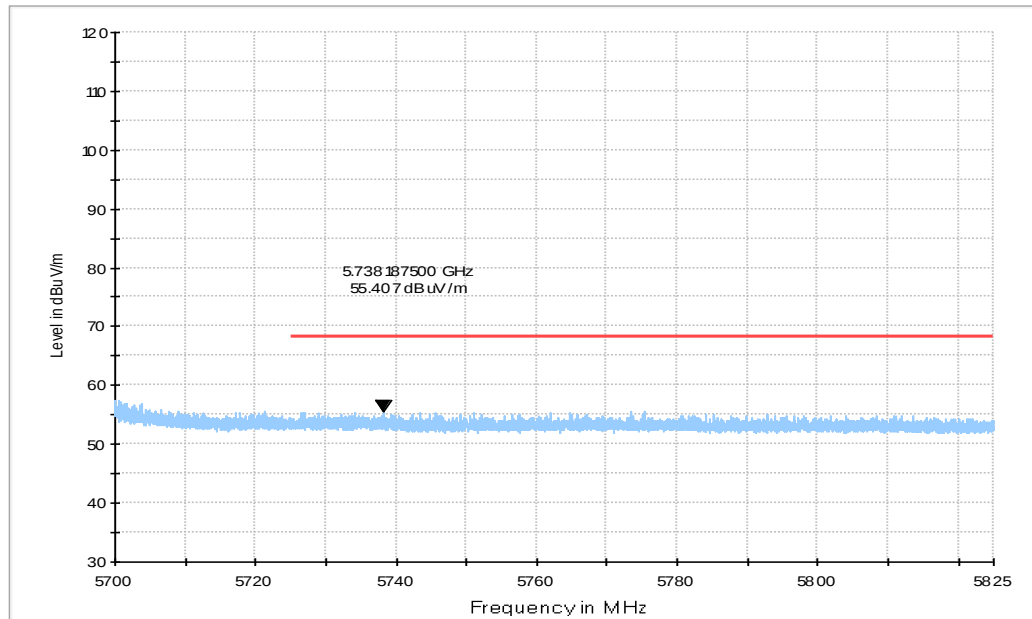


Fig.60 Band Edges (802.11ax-HT40, 5670MHz)

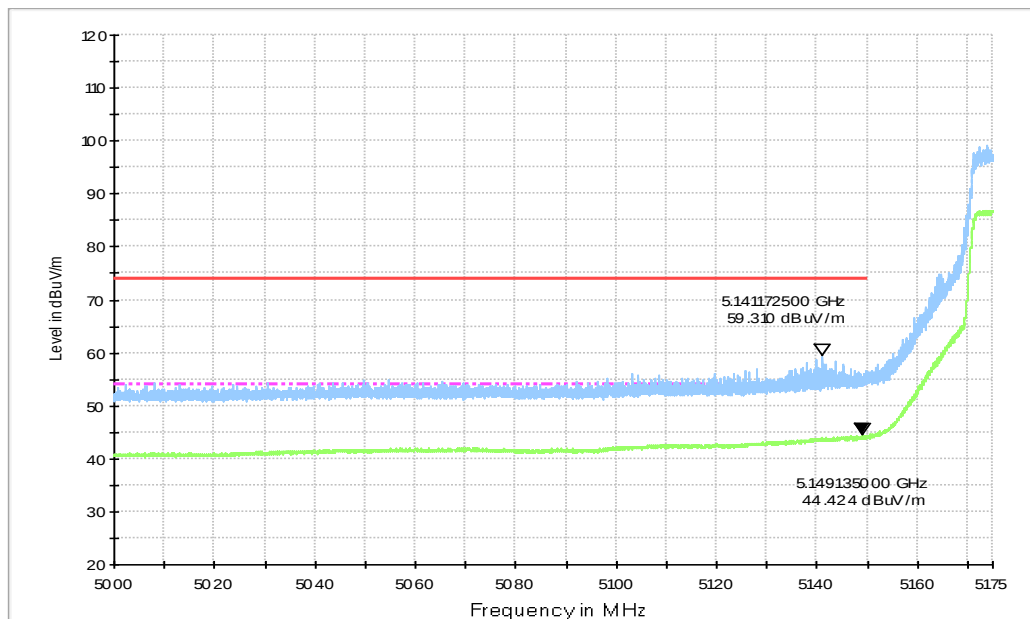


Fig.61 Band Edges (802.11ax-HT80, 5210MHz)

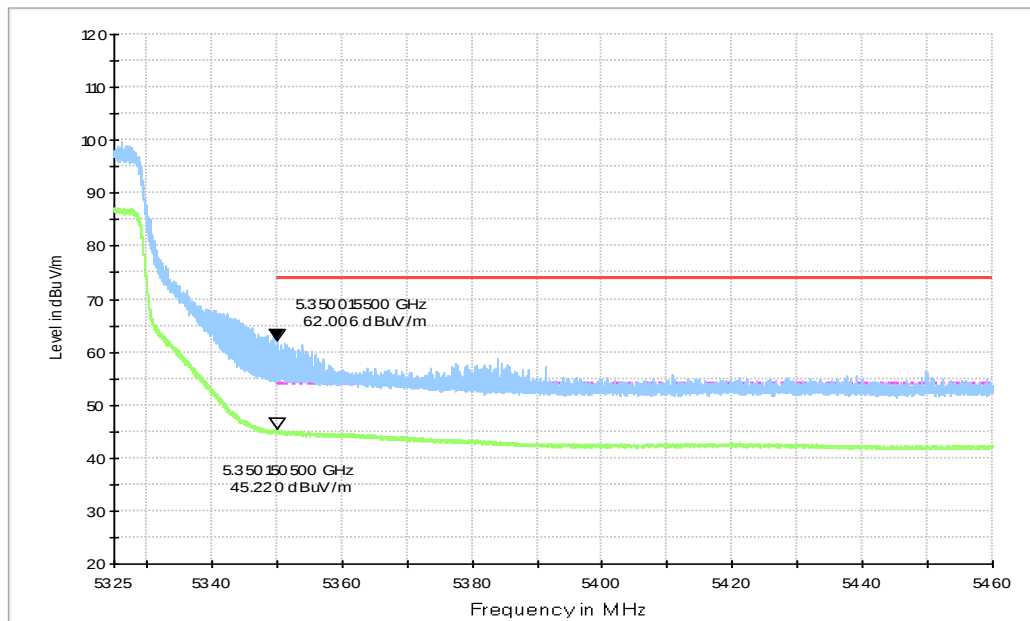


Fig.62 Band Edges (802.11ax-HT80, 5290MHz)

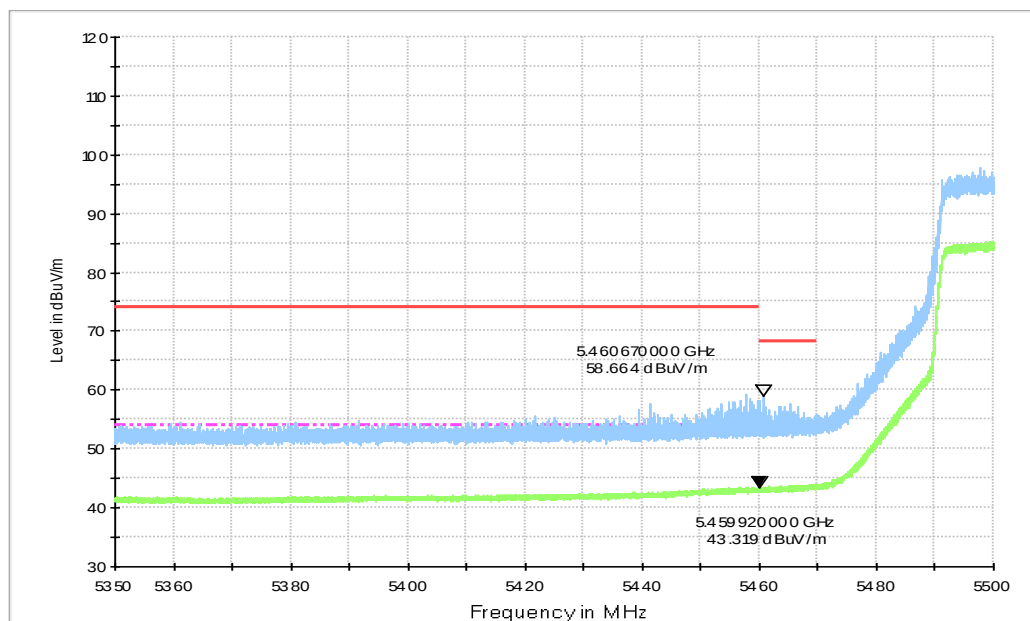


Fig.63 Band Edges (802.11ax-HT80, 5530MHz)

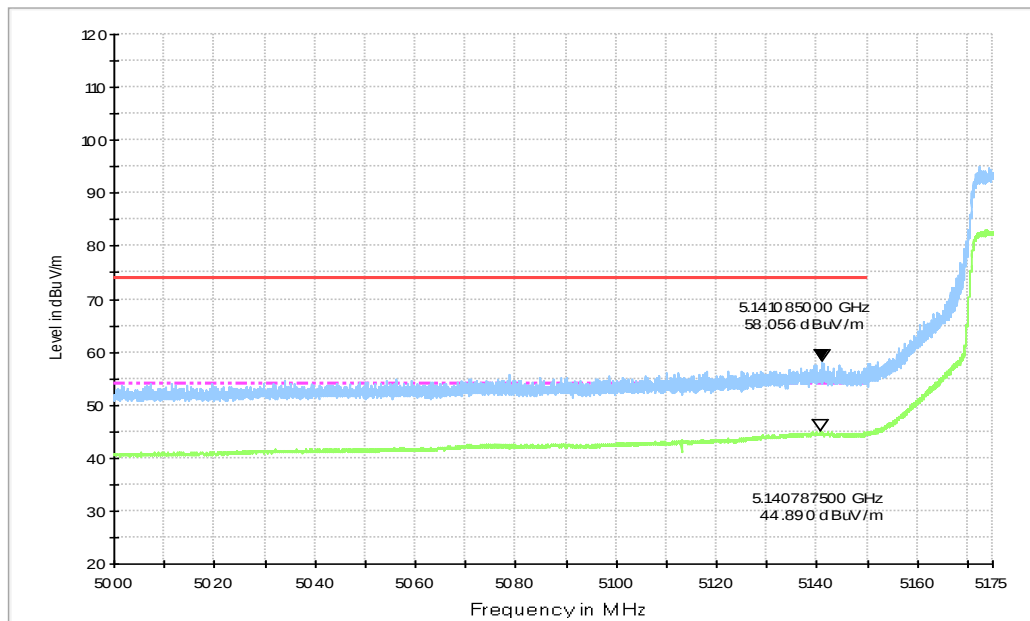


Fig.64 Band Edges (802.11ax-HT160, 5250MHz)

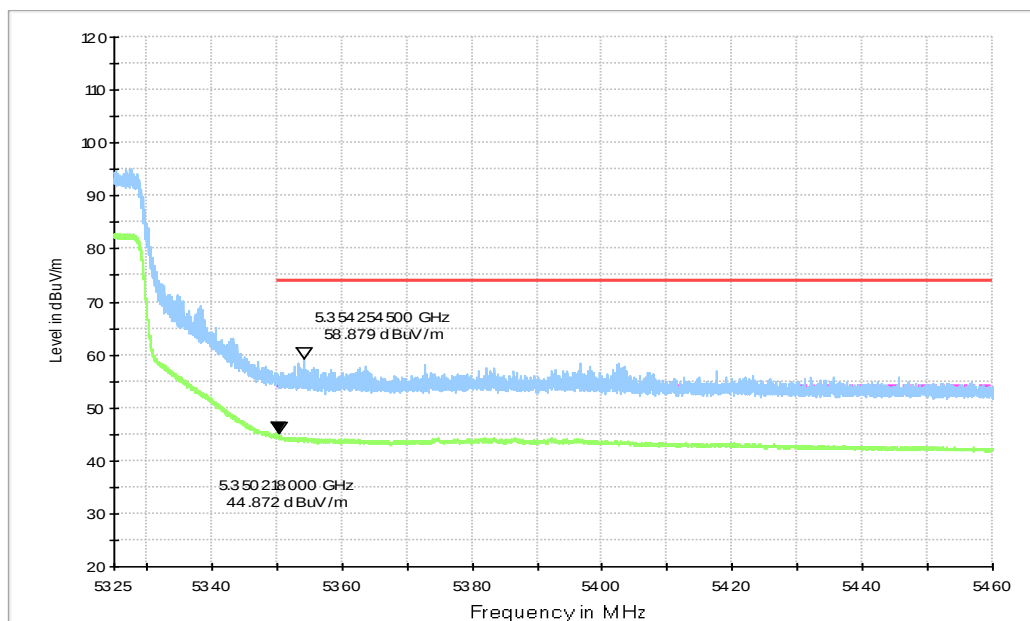


Fig.65 Band Edges (802.11ax-HT160, 5250MHz)

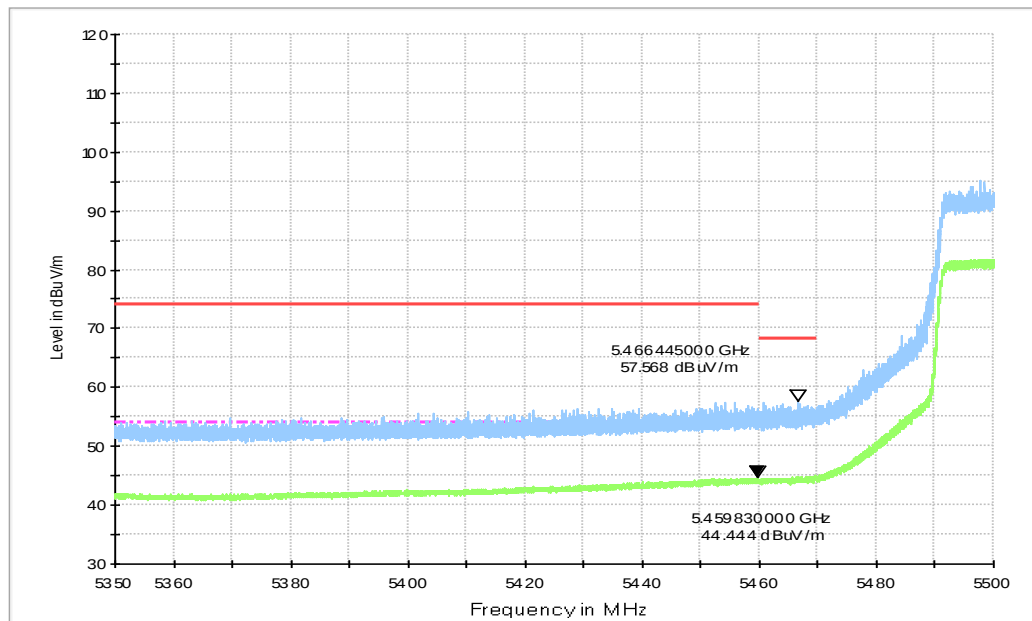


Fig.66 Band Edges (802.11ax-HT160, 5570MHz)

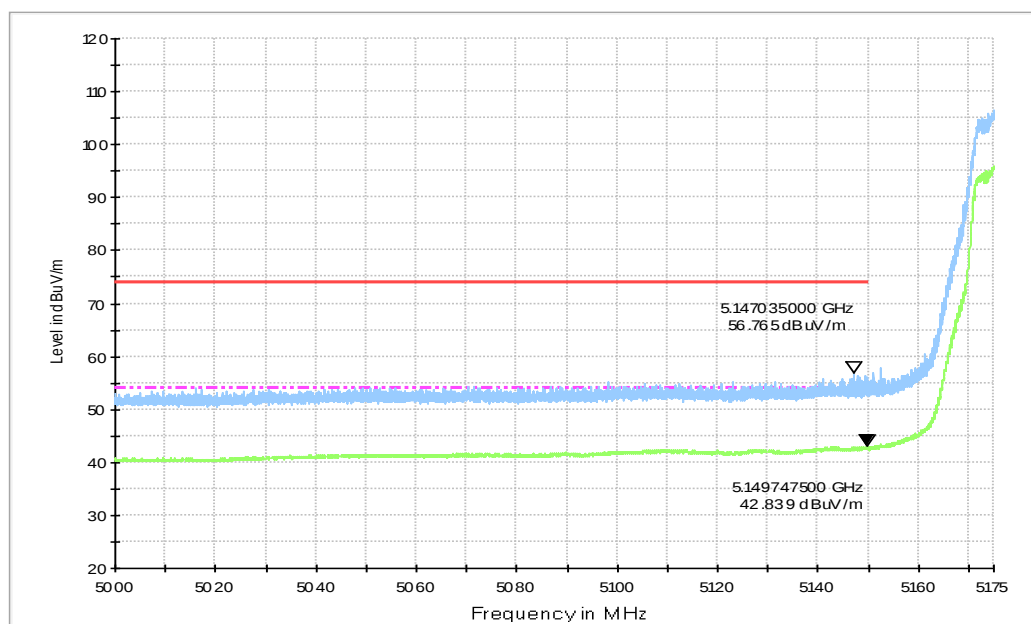


Fig.67 Band Edges (802.11ac-HT20, 5180MHz)

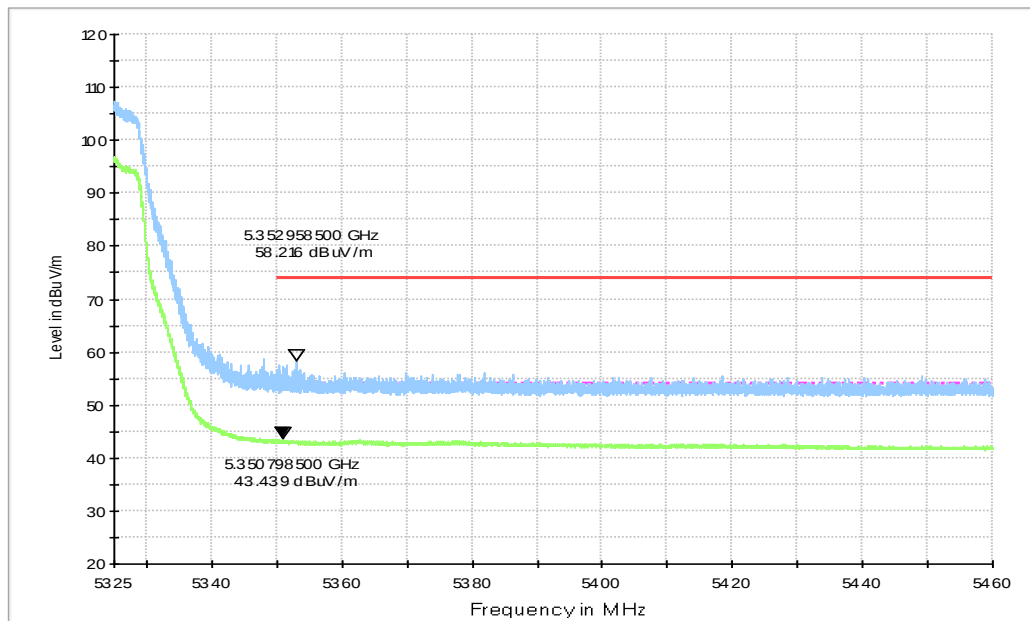


Fig.68 Band Edges (802.11ac-HT20, 5320MHz)

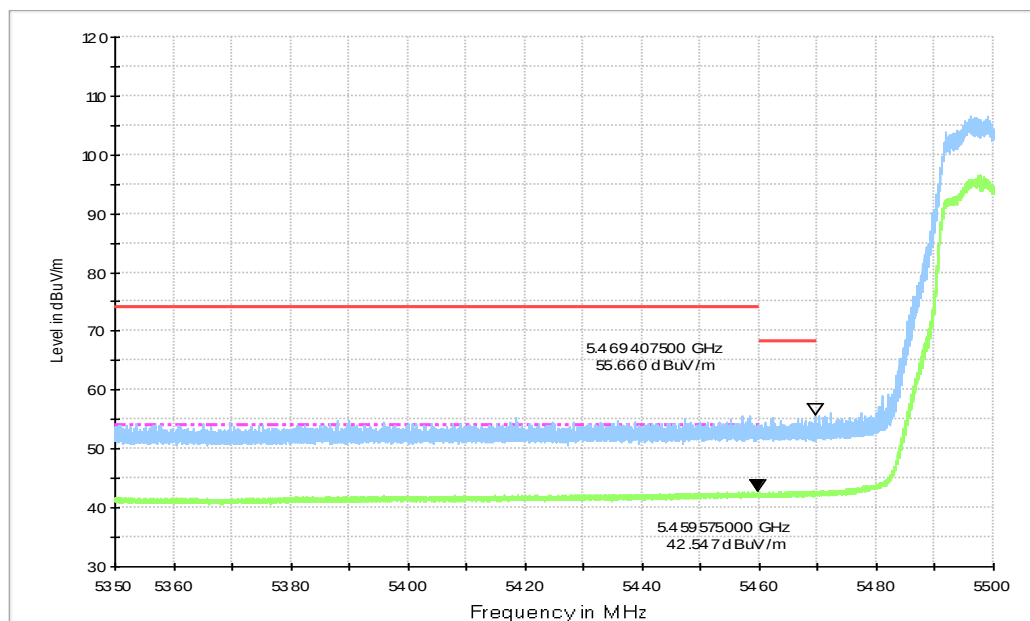


Fig.69 Band Edges (802.11ac-HT20, 5500MHz)

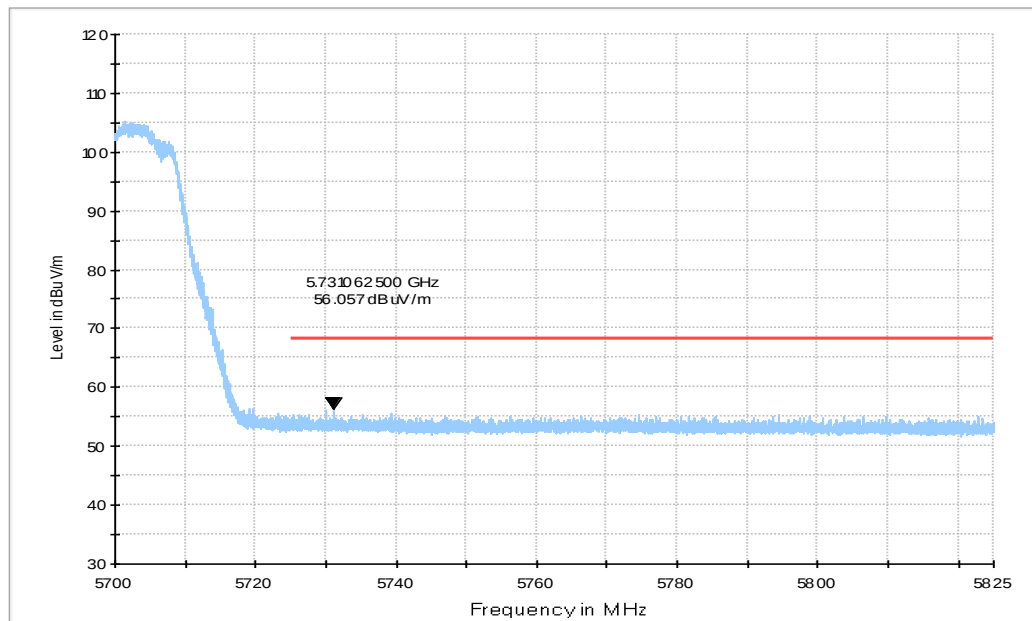


Fig.70 Band Edges (802.11ac-HT20, 5700MHz)

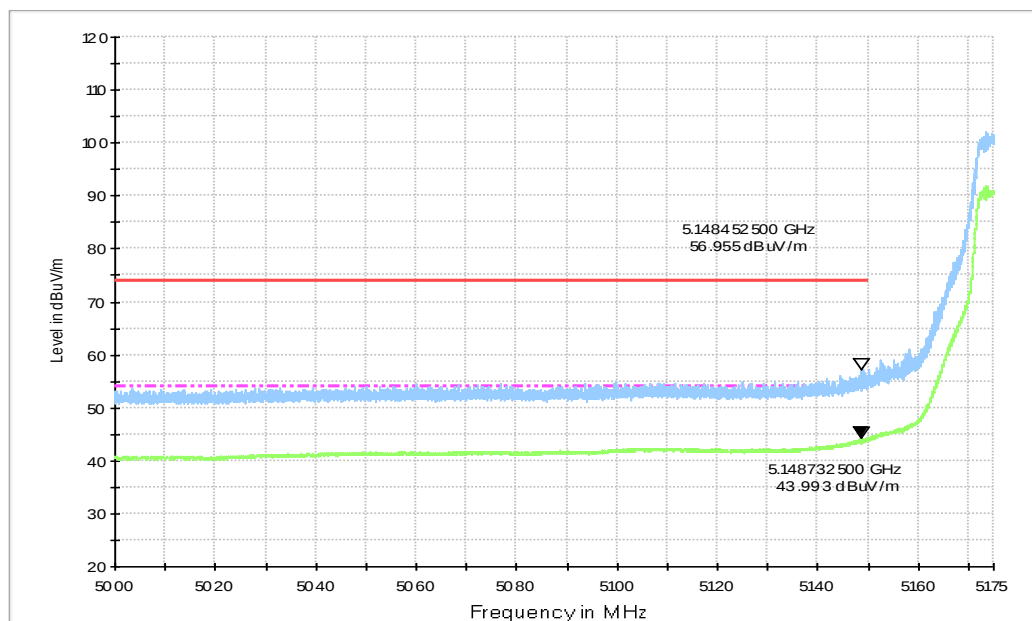


Fig.71 Band Edges (802.11ac-HT40, 5190MHz)

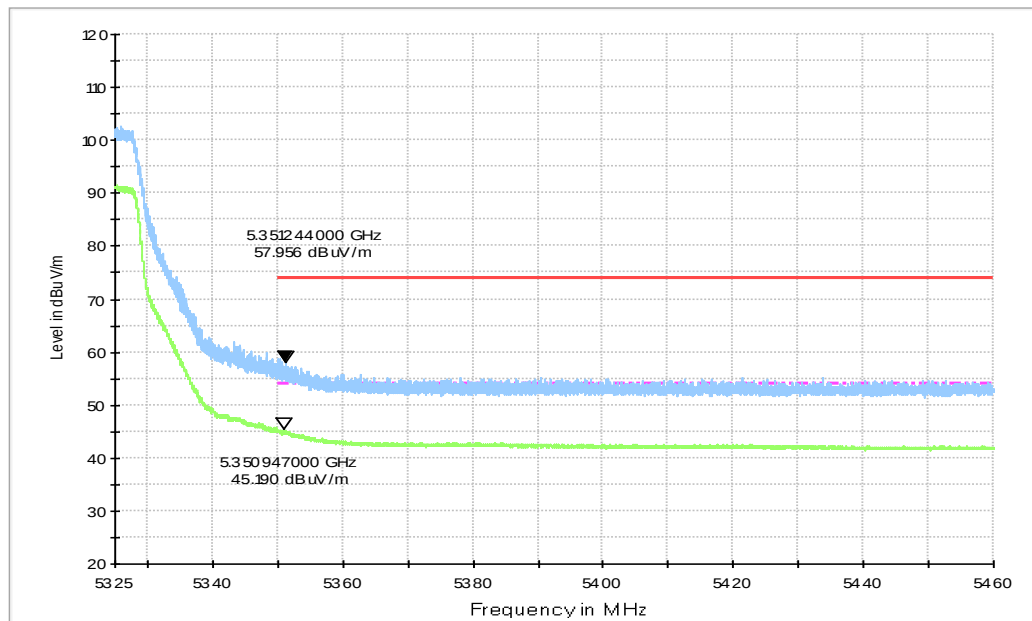


Fig.72 Band Edges (802.11ac-HT40, 5310MHz)

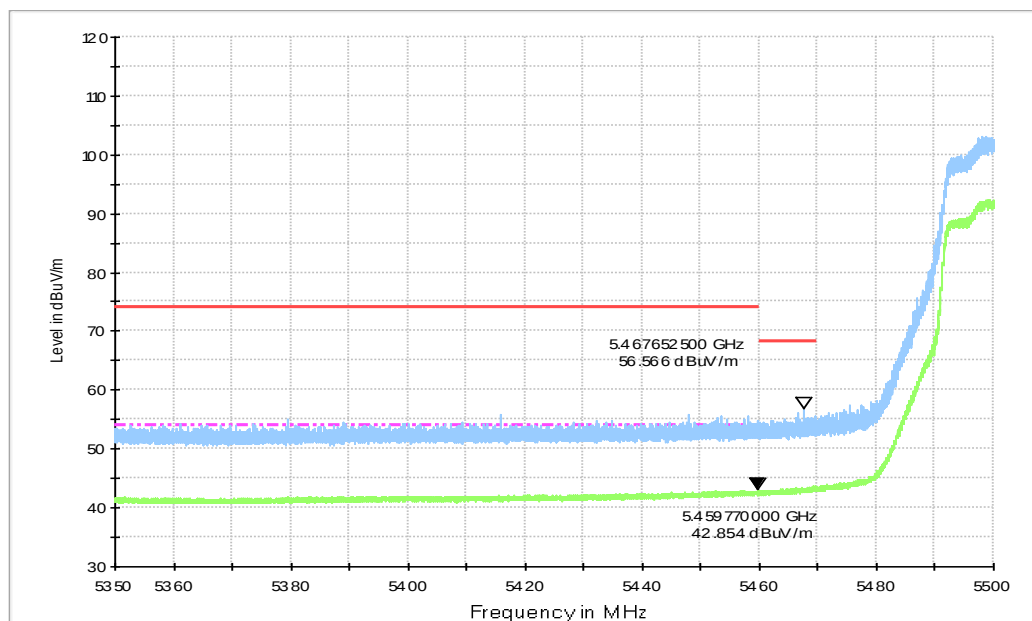


Fig.73 Band Edges (802.11ac-HT40, 5510MHz)

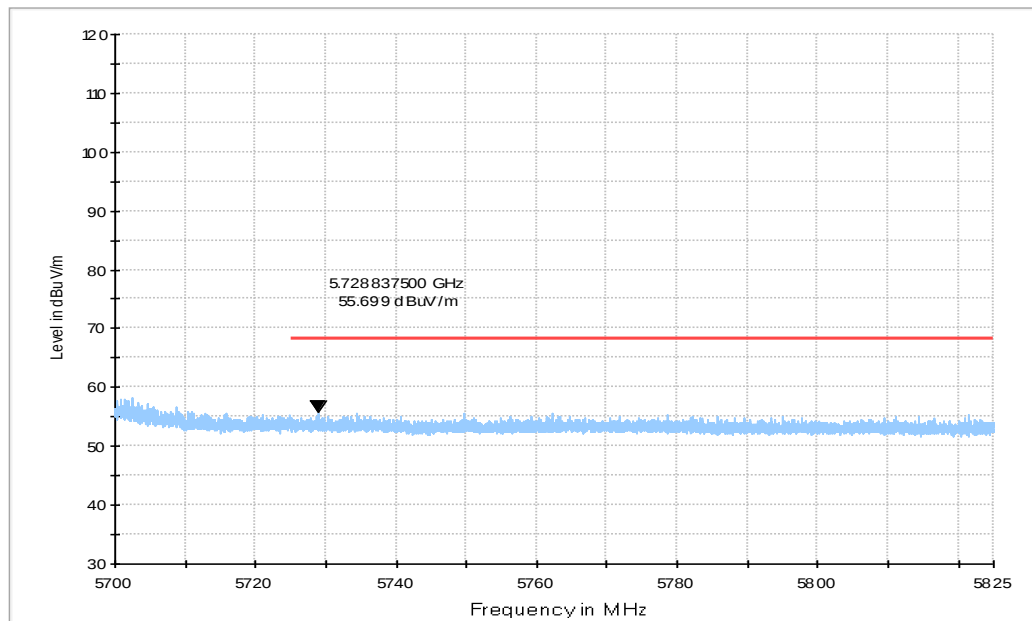


Fig.74 Band Edges (802.11ac-HT40, 5670MHz)

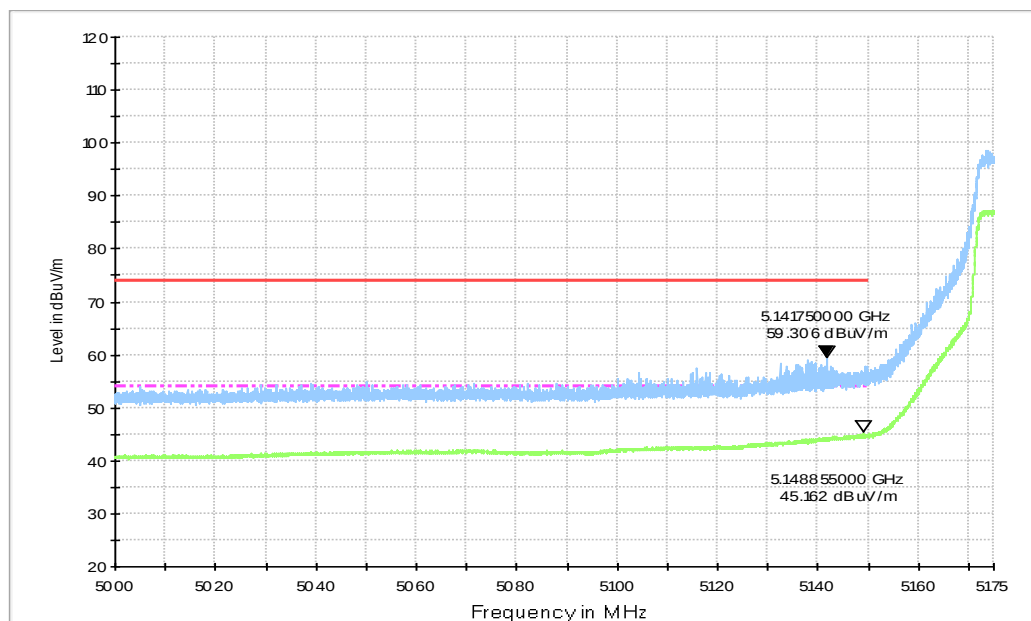


Fig.75 Band Edges (802.11ac-HT80, 5210MHz)

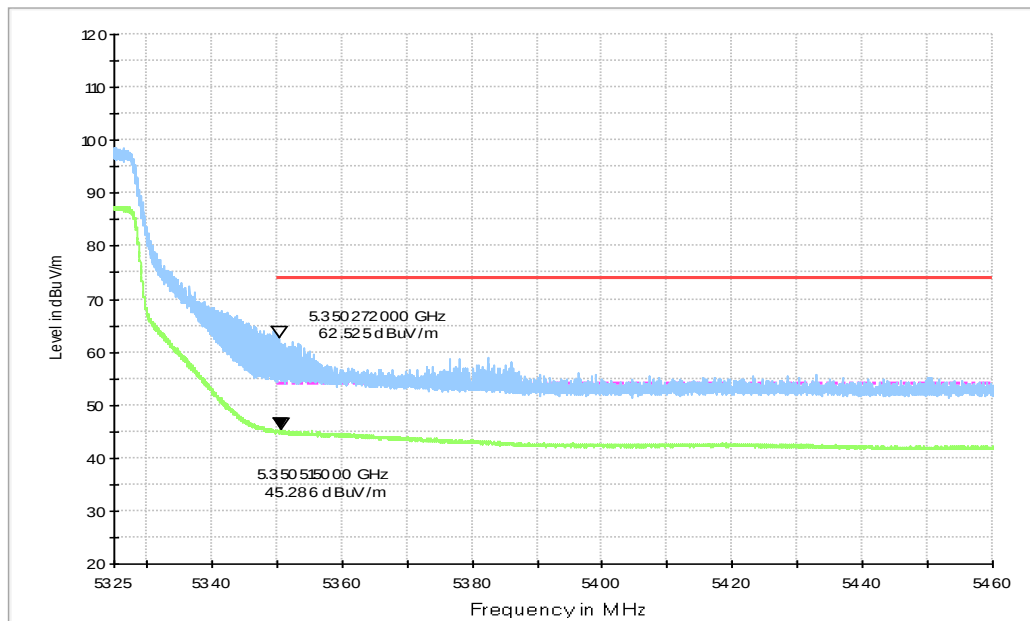


Fig.76 Band Edges (802.11ac-HT80, 5290MHz)

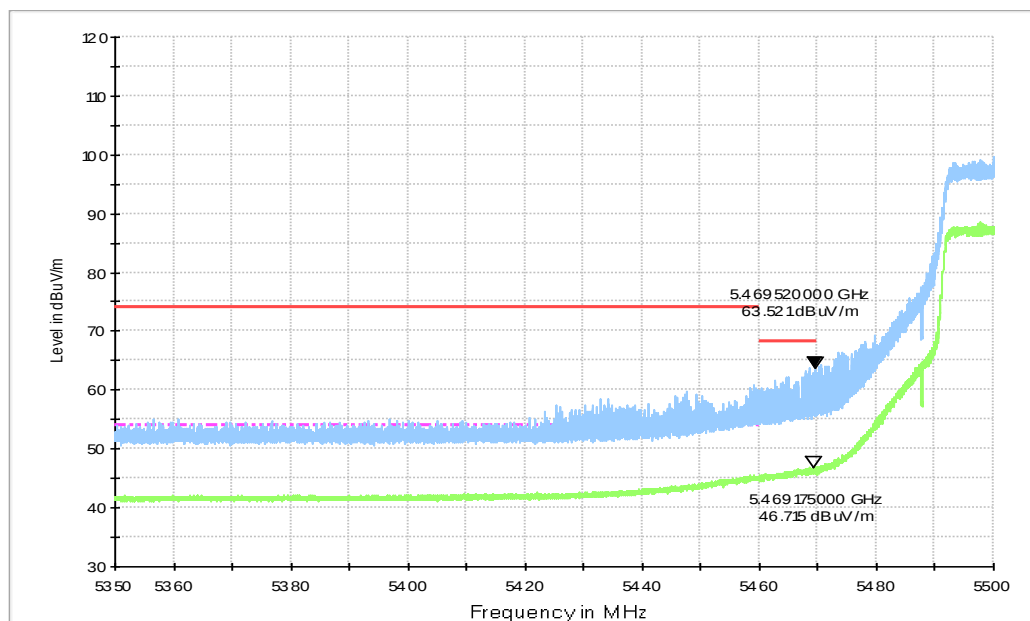


Fig.77 Band Edges (802.11ac-HT80, 5530MHz)

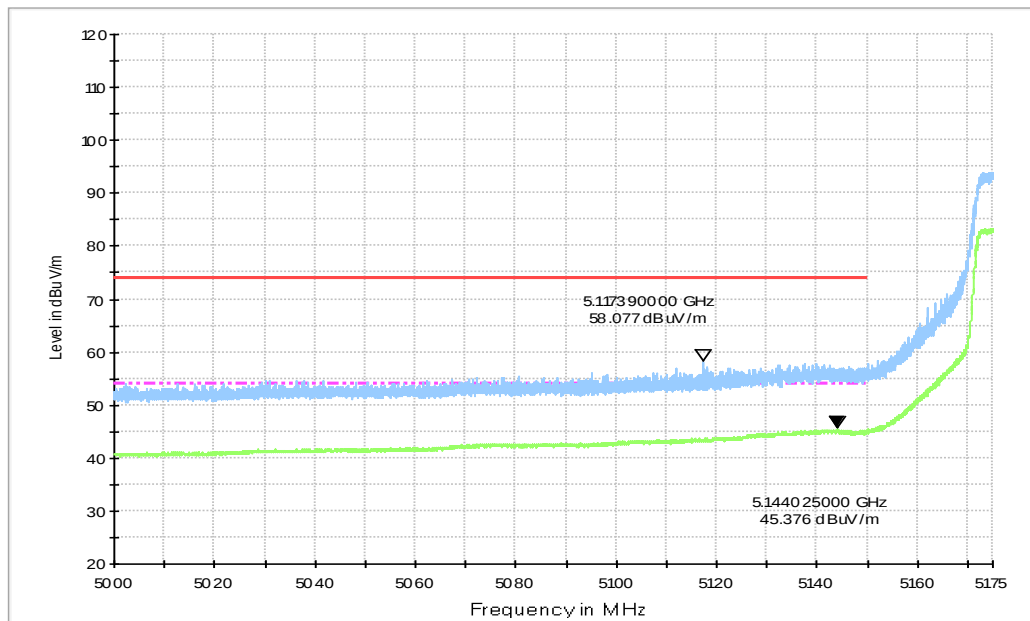


Fig.78 Band Edges (802.11ac-HT160, 5250MHz)

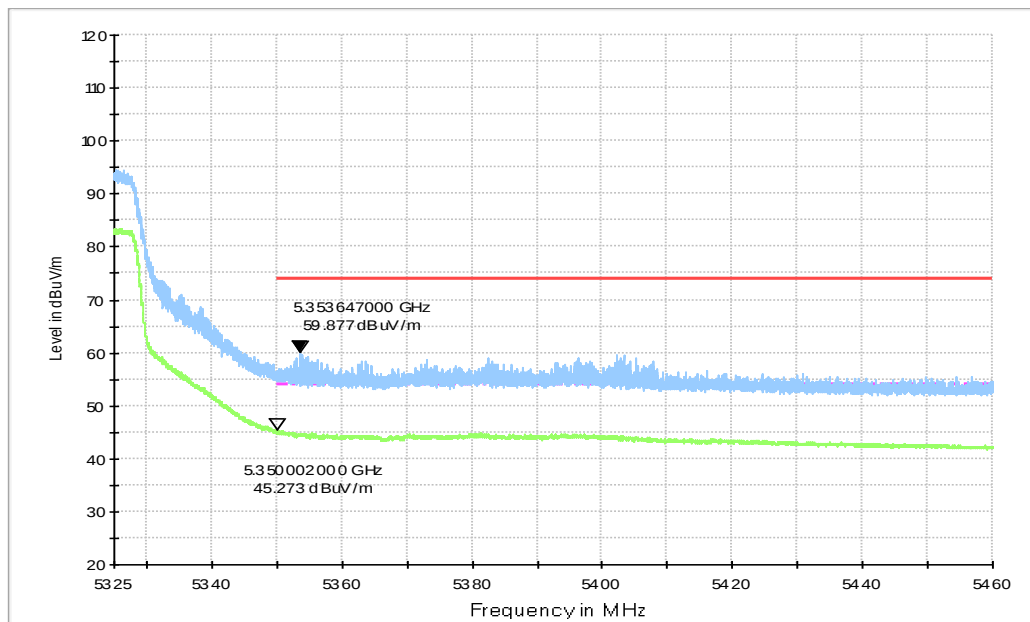


Fig.79 Band Edges (802.11ac-HT160, 5250MHz)

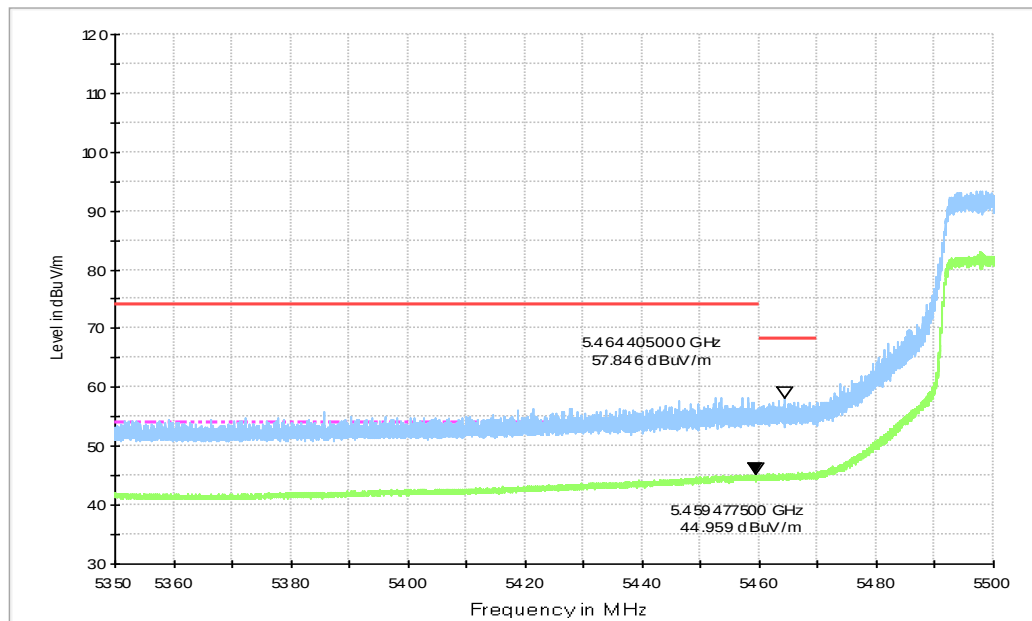


Fig.80 Band Edges (802.11ac-HT160, 5570MHz)

C.2. AC Power-line Conducted Emission

Reference

FCC 47 CFR Part 15, Clause 15.407, Clause 15.207

Method of Measurement:

See ANSI C63.10-2013 specifically.

See ANSI C63.10-2013 generally.

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver: Quasi-Peak / Average Detector.

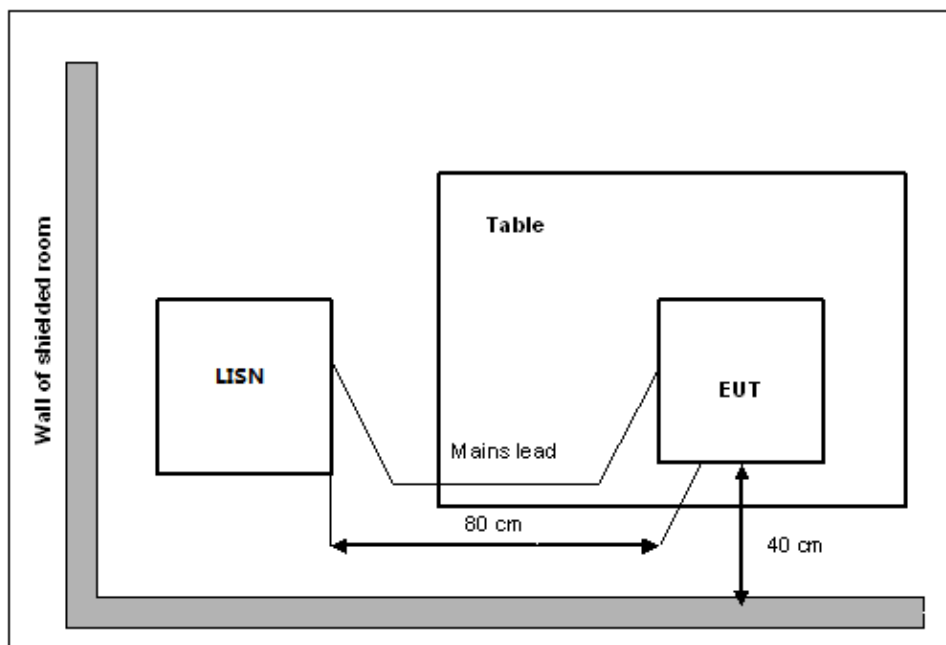
The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/IF bandwidth	Sweep Time(s)
0.15-30	9kHz	1

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Setup



EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmitting state.

The EUT is powered by a travel adapter.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.C.2.1	Fig.C.2.2	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		
		802.11a	Idle	
0.15 to 0.5	56 to 46	Fig.C.2.1	Fig.C.2.2	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.				

Note: all modes have been tested and the worst results shown here.

Conclusion: Pass

Test graphs as below:

Traffic:

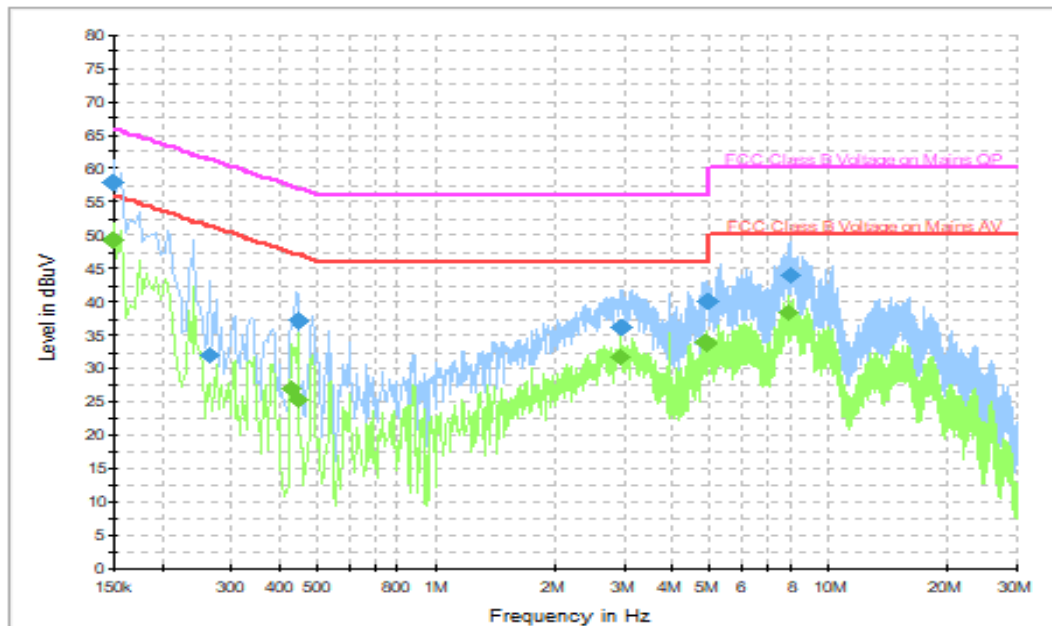


Fig.C.2.1 AC Powerline Conducted Emission-802.11a

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	57.9	5000.	9.000	L1	20.0	8.1	66.0
0.266000	32.0	5000.	9.000	N	19.7	29.3	61.2
0.442000	37.2	5000.	9.000	L1	19.7	19.8	57.0
2.966000	36.3	5000.	9.000	L1	19.6	19.7	56.0
4.902000	39.9	5000.	9.000	N	19.6	16.1	56.0
8.046000	44.1	5000.	9.000	N	19.6	15.9	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	49.2	5000.0	9.000	L1	20.0	6.8	56.0
0.430000	27.0	5000.0	9.000	N	19.7	20.3	47.3
0.442000	25.2	5000.0	9.000	L1	19.7	21.8	47.0
2.958000	31.6	5000.0	9.000	N	19.6	14.4	46.0
4.870000	33.9	5000.0	9.000	N	19.6	12.1	46.0
7.930000	38.3	5000.0	9.000	N	19.6	11.7	50.0

Idle:

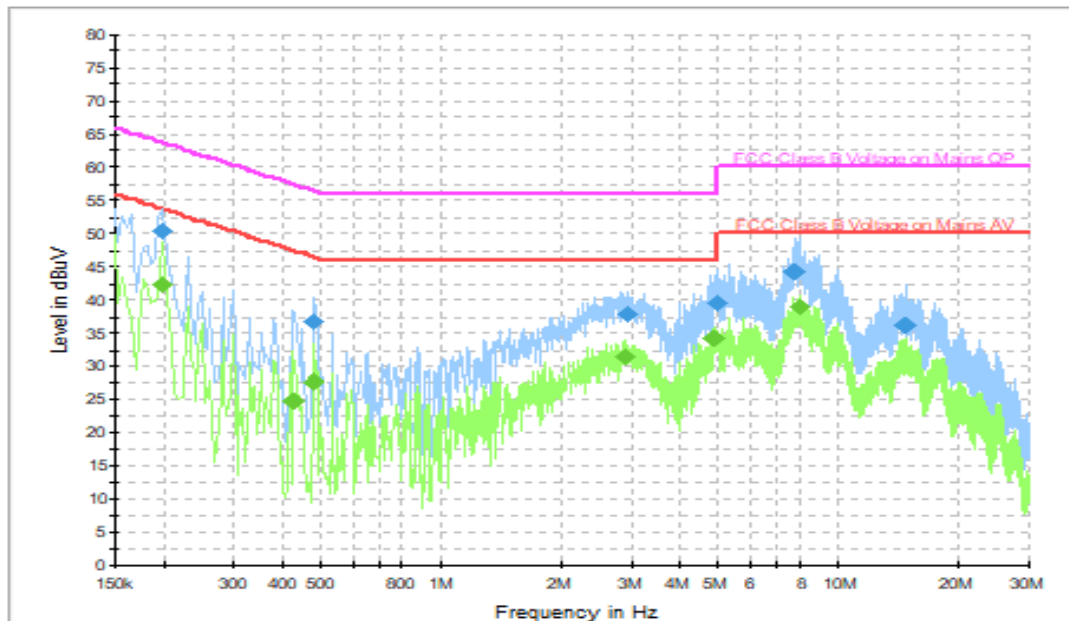


Fig.C.2.2 AC Powerline Conducted Emission-Idle

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.198000	50.5	5000.0	9.000	L1	19.7	13.2	63.7
0.478000	36.6	5000.0	9.000	N	19.7	19.8	56.4
2.930000	37.8	5000.0	9.000	N	19.6	18.2	56.0
4.946000	39.6	5000.0	9.000	N	19.6	16.4	56.0
7.746000	44.4	5000.0	9.000	N	19.6	15.6	60.0
14.754000	36.1	5000.0	9.000	N	19.7	23.9	60.0

Final Result 2

Frequency (MHz)	Average (dB μ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.198000	42.4	5000.0	9.000	L1	19.7	11.3	53.7
0.426000	24.7	5000.0	9.000	L1	19.7	22.6	47.3
0.478000	27.6	5000.0	9.000	N	19.7	18.8	46.4
2.902000	31.4	5000.0	9.000	N	19.6	14.6	46.0
4.862000	34.4	5000.0	9.000	N	19.6	11.6	46.0
8.050000	38.9	5000.0	9.000	N	19.6	11.1	50.0

*** END OF REPORT BODY ***