

## 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

**802.11ac-HT160**

## Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
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

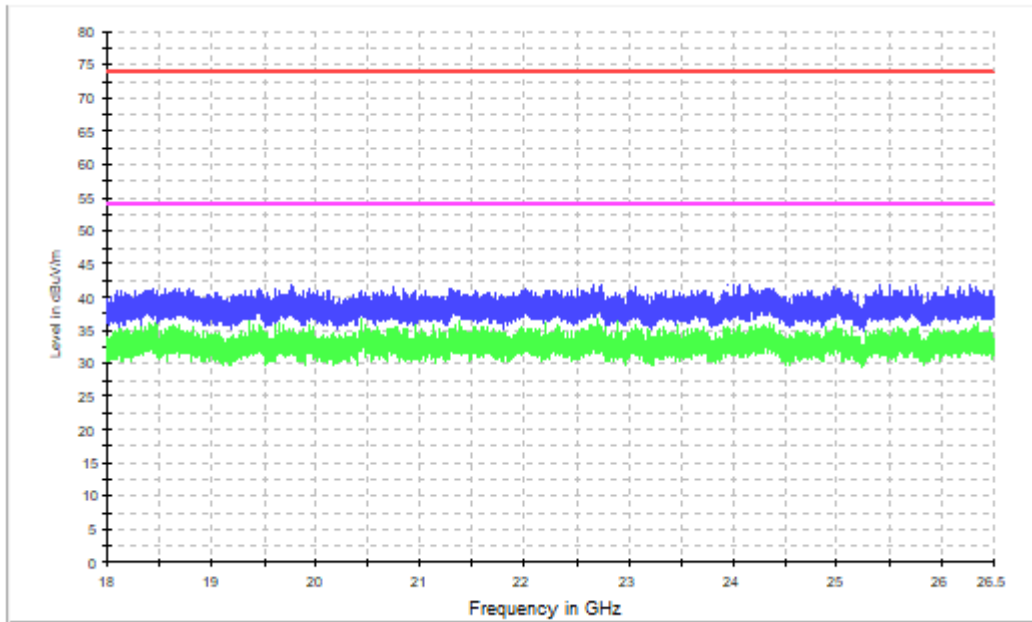
## Channel 114

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

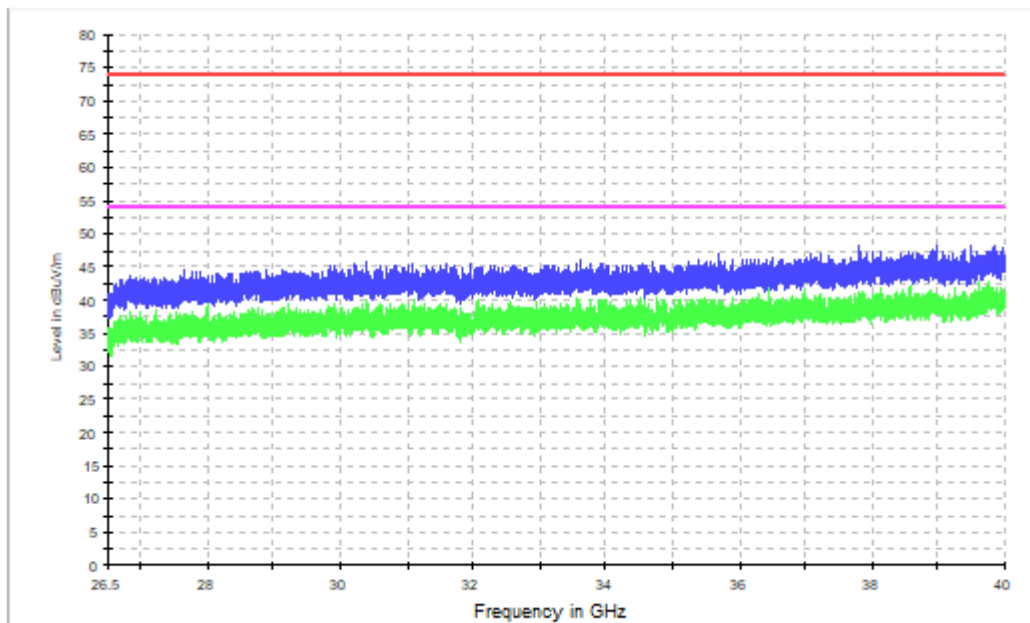
**Conclusion: PASS**



### WOSRT CASE 18GHz-26.5 GHz



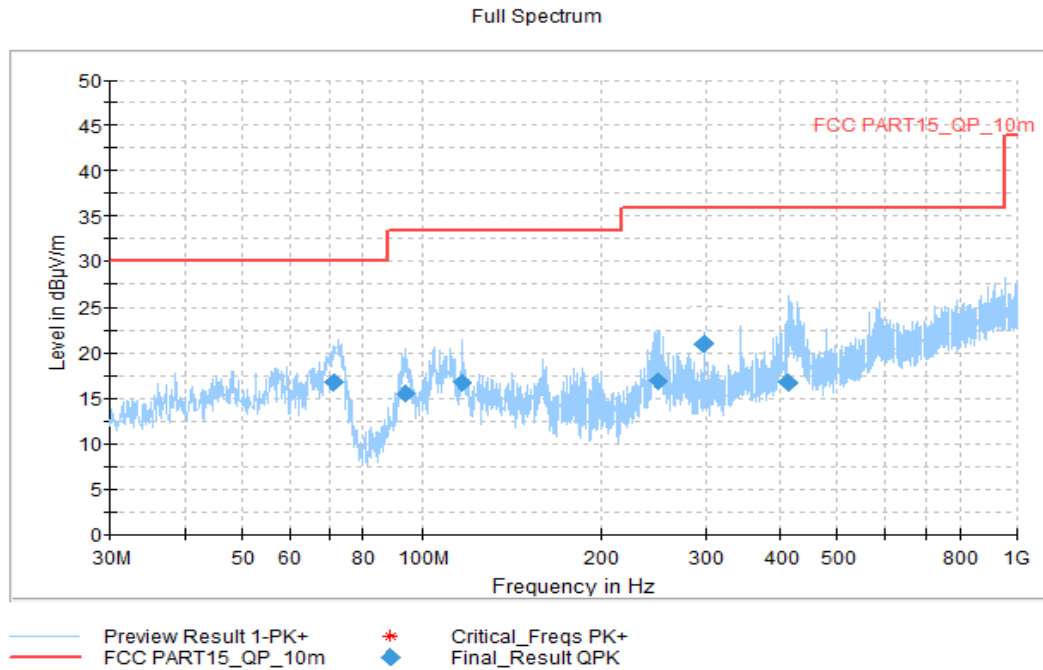
### WOSRT CASE 26.5GHz-40GHz



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:**

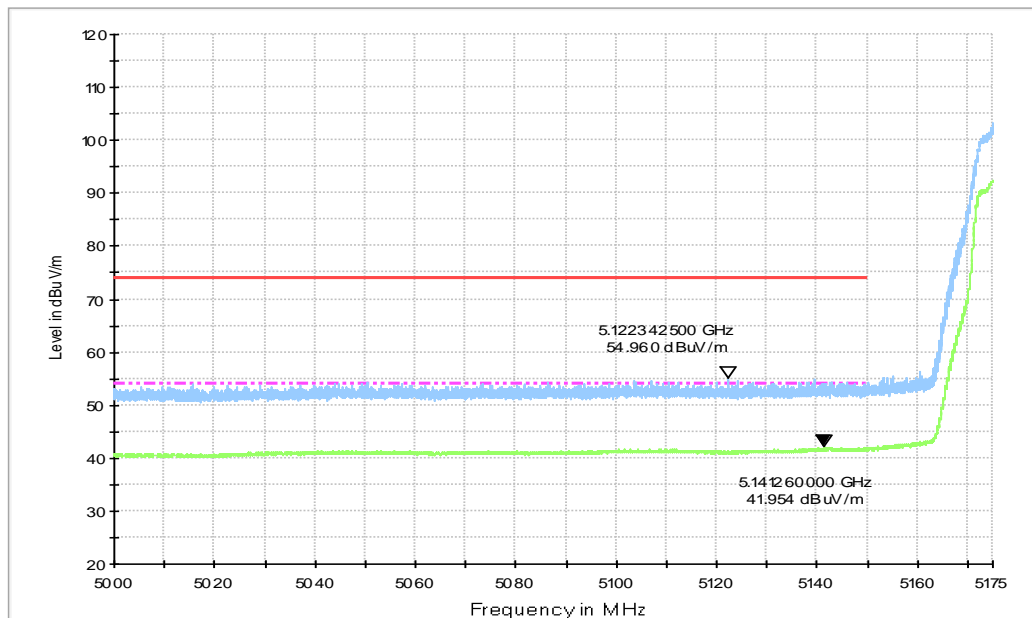
Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.41	P
	5320 MHz	Fig.42	P
	5500 MHz	Fig.43	P
	5700 MHz	Fig.44	P
802.11n HT20	5180 MHz	Fig.45	P
	5320 MHz	Fig.46	P
	5500 MHz	Fig.47	P
	5700 MHz	Fig.48	P
802.11n HT40	5190 MHz	Fig.49	P
	5310 MHz	Fig.50	P
	5510 MHz	Fig.51	P
	5670 MHz	Fig.52	P
802.11ax 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

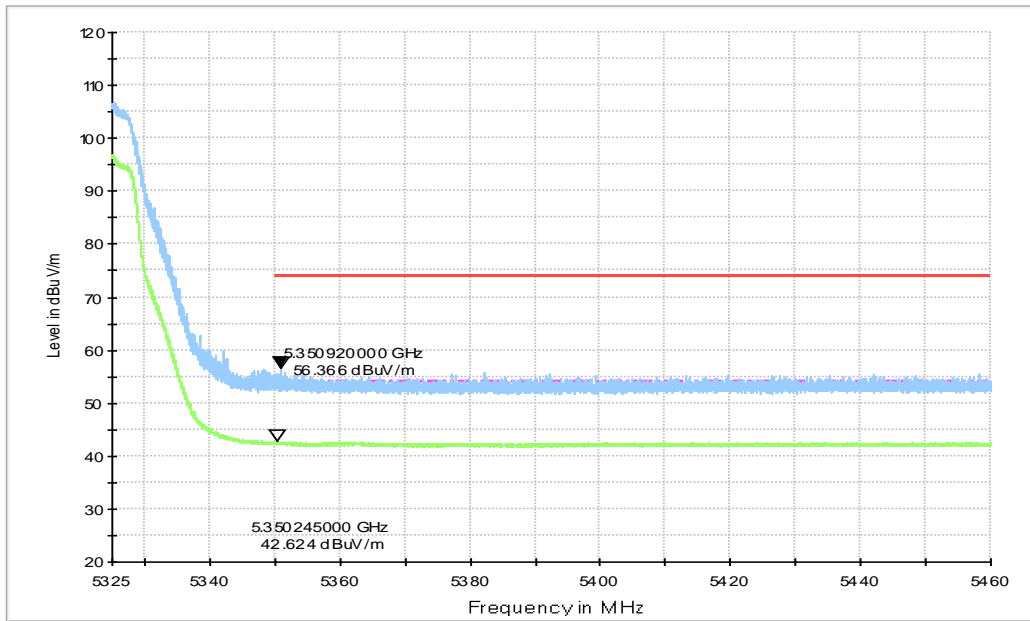
The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this section.

**Conclusion: PASS**

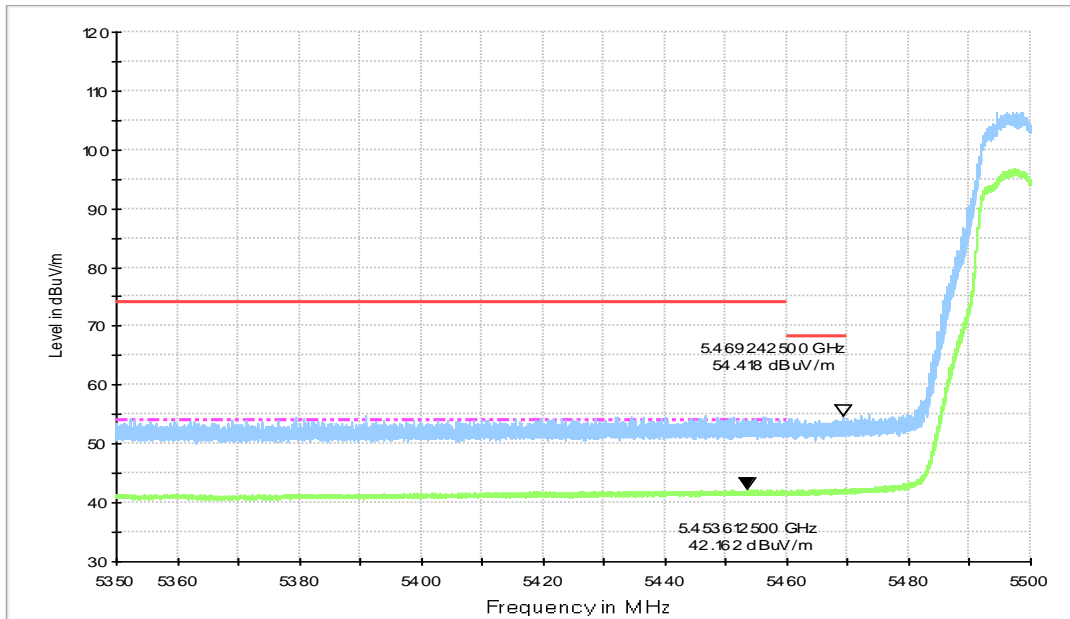
**Test graphs as below:**



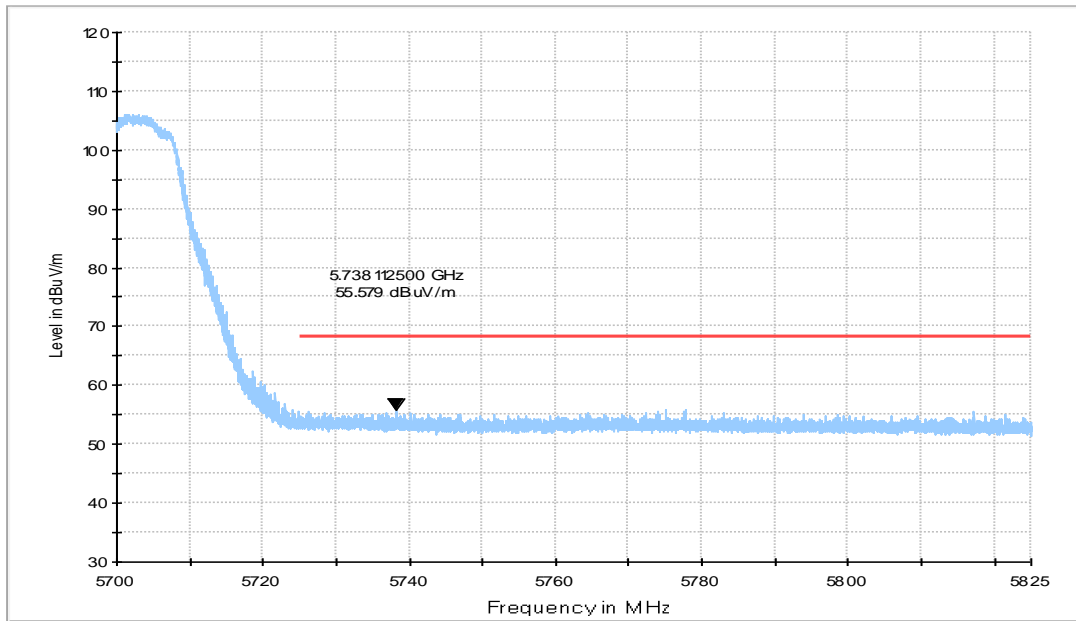
**Fig.1 Band Edges (802.11a, 5180MHz)**



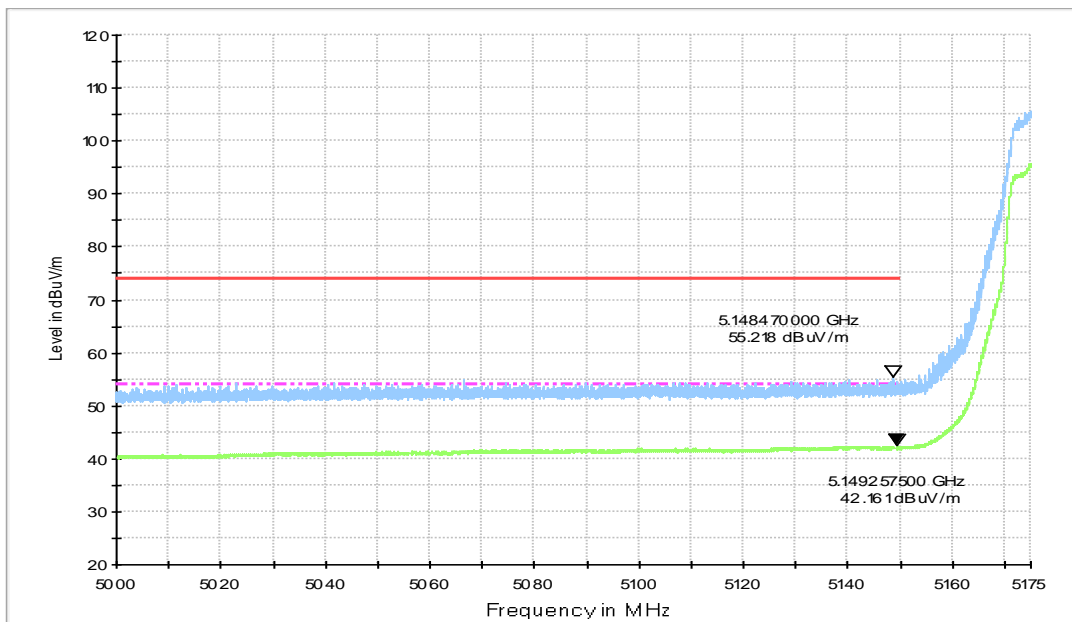
**Fig.2 Band Edges (802.11a, 5320MHz)**



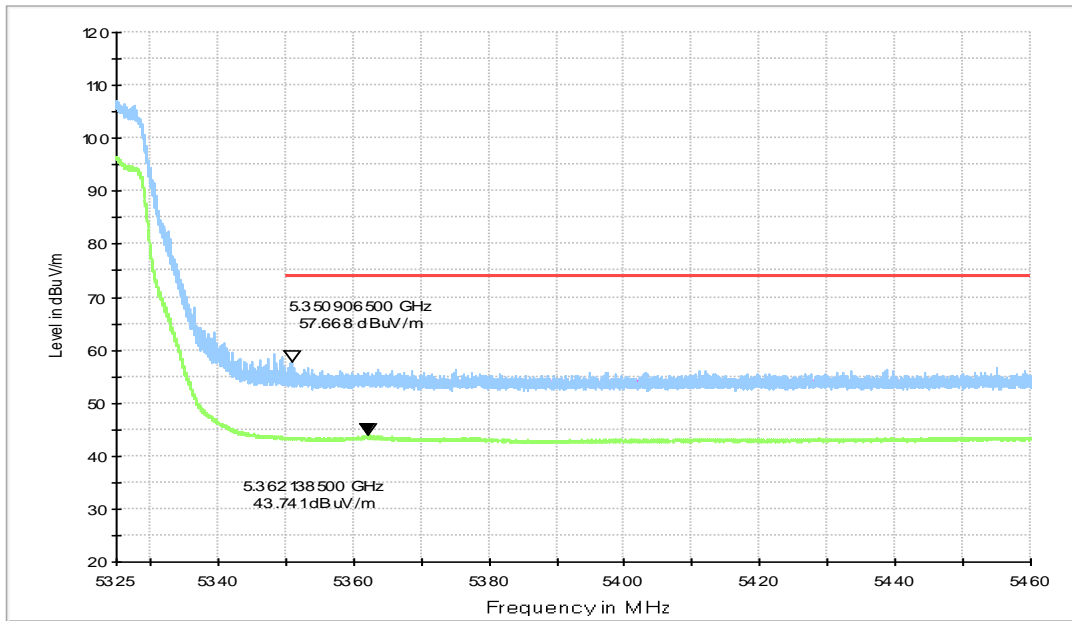
**Fig.3 Band Edges (802.11a, 5500MHz)**



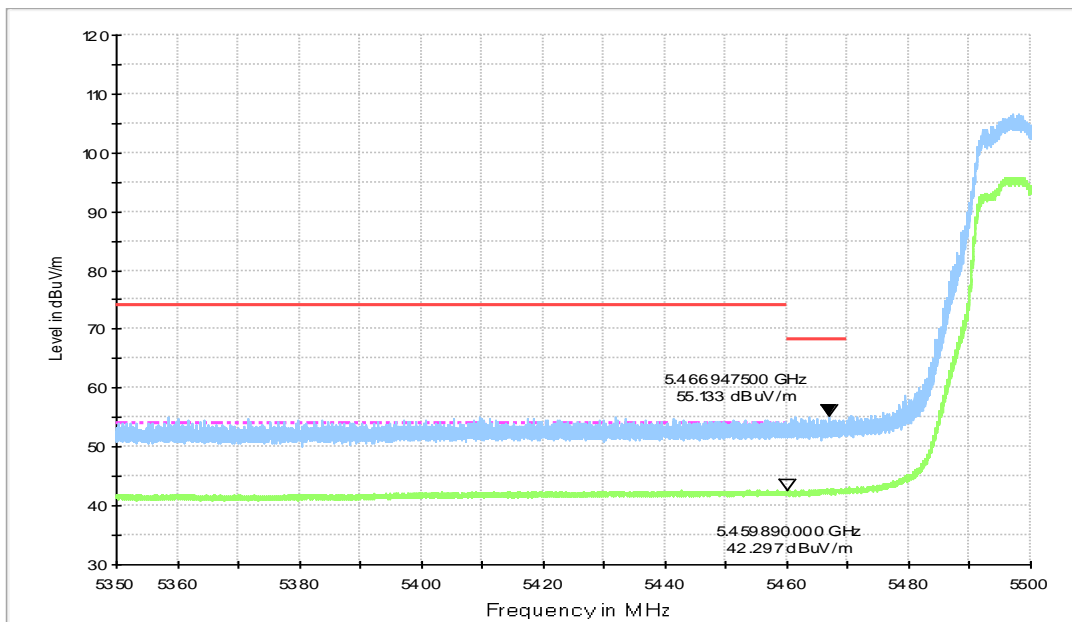
**Fig.4 Band Edges (802.11a, 5700MHz)**



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

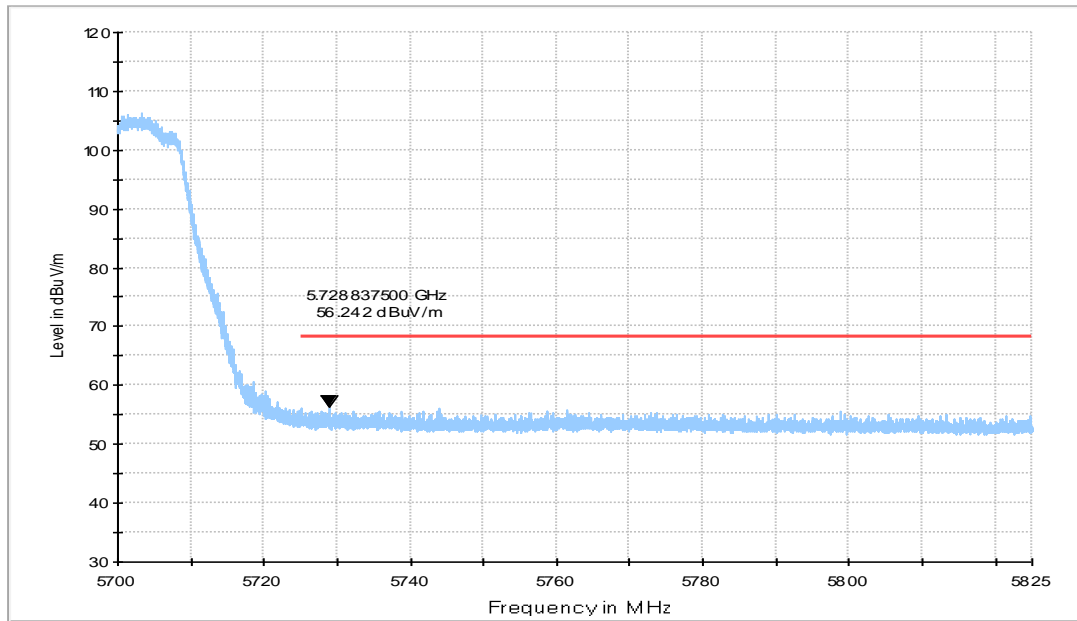


**Fig.6 Band Edges (802.11n-HT20, 5320MHz)**

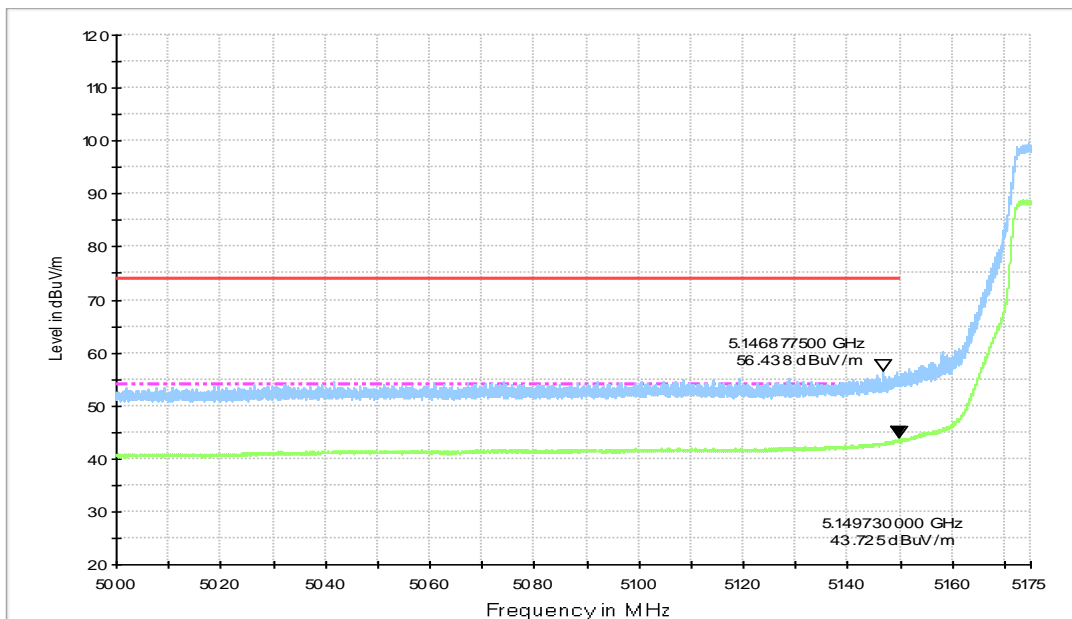


**Fig.7 Band Edges (802.11n-HT20, 5500MHz)**

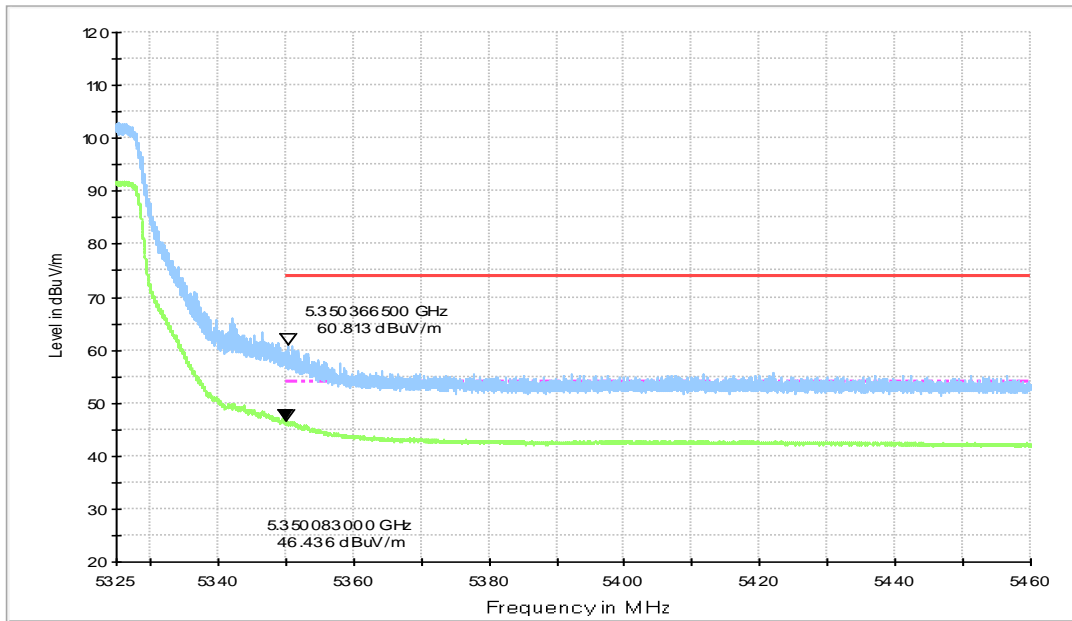




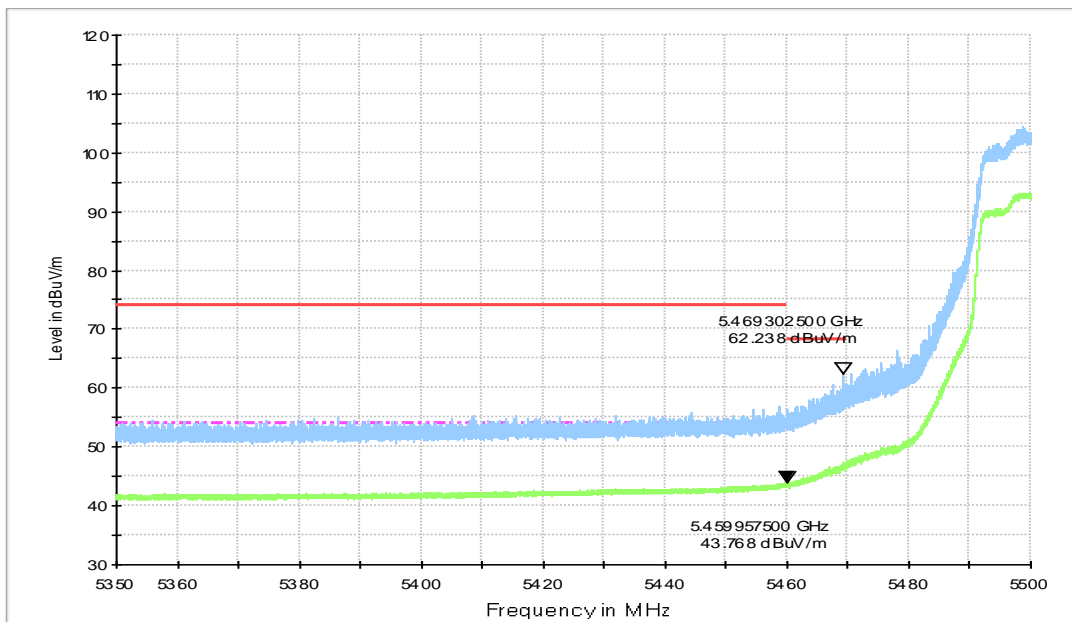
**Fig.8 Band Edges (802.11n-HT20, 5700MHz)**



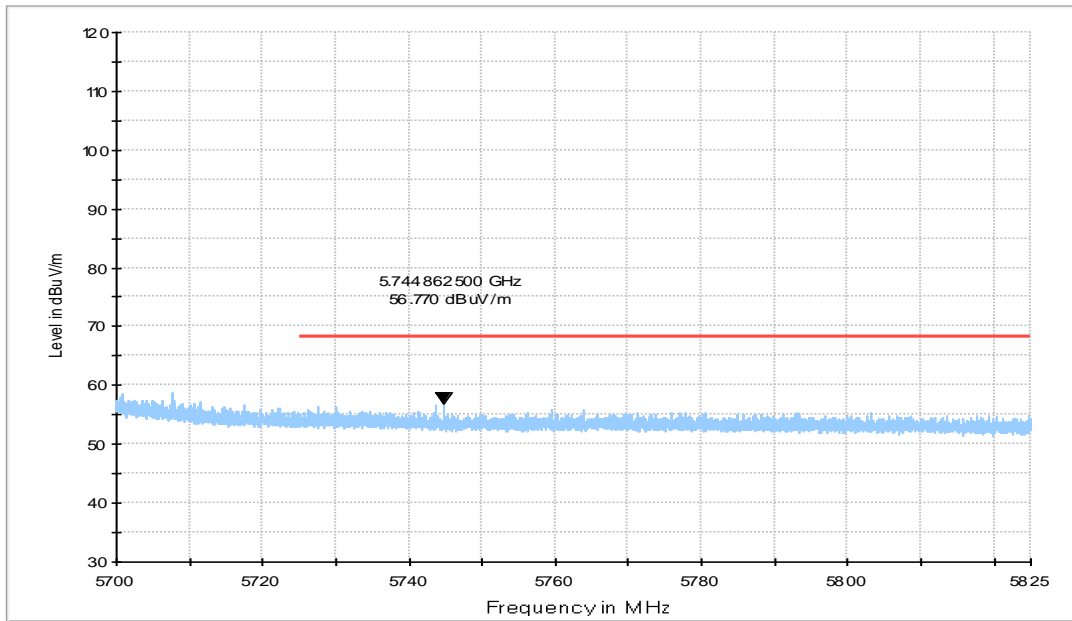
**Fig.9 Band Edges (802.11n-HT40, 5190MHz)**



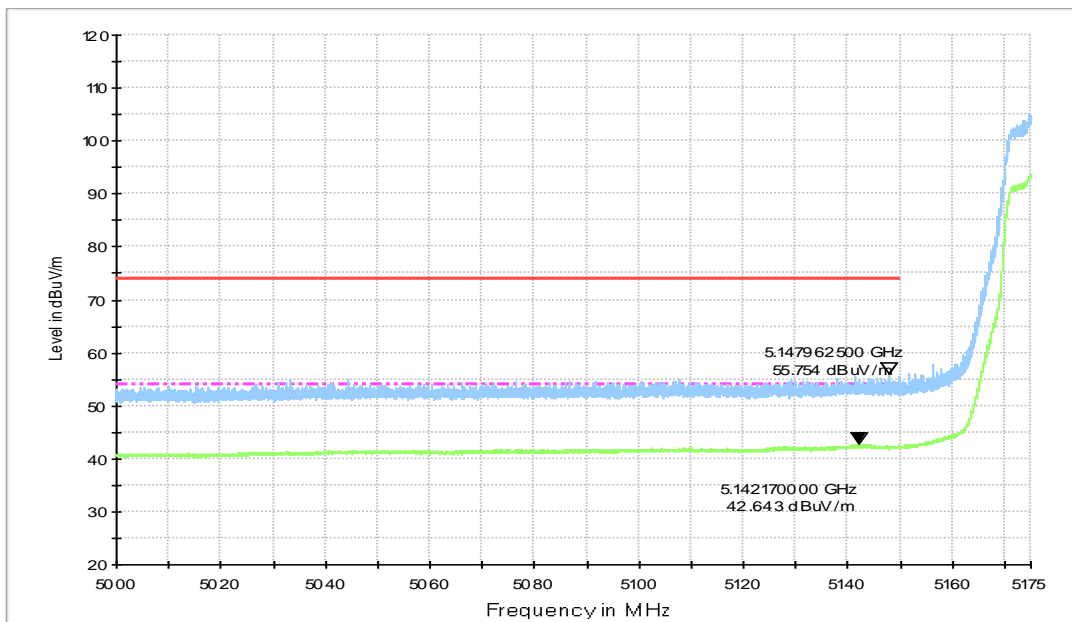
**Fig.10 Band Edges (802.11n-HT40, 5310MHz)**



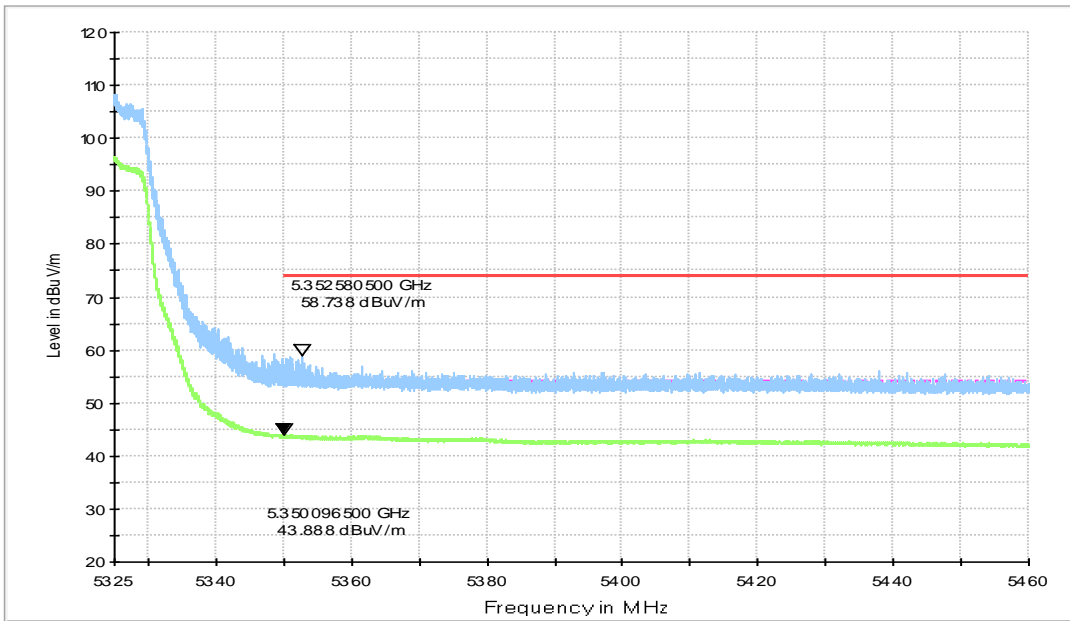
**Fig.11 Band Edges (802.11n-HT40, 5510MHz)**



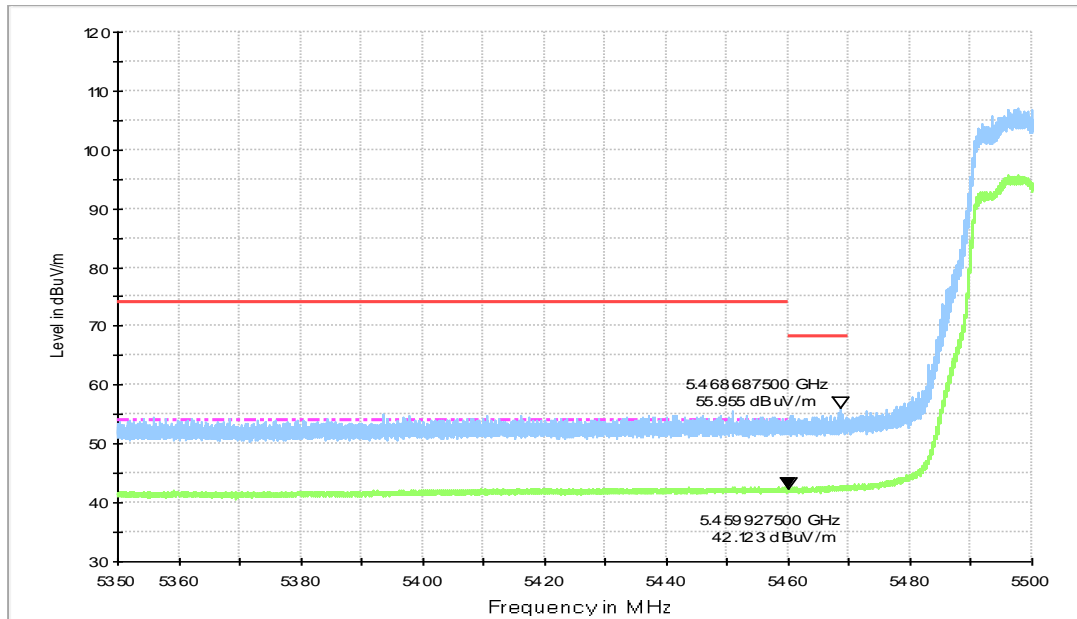
**Fig.12 Band Edges (802.11n-HT40, 5670MHz)**



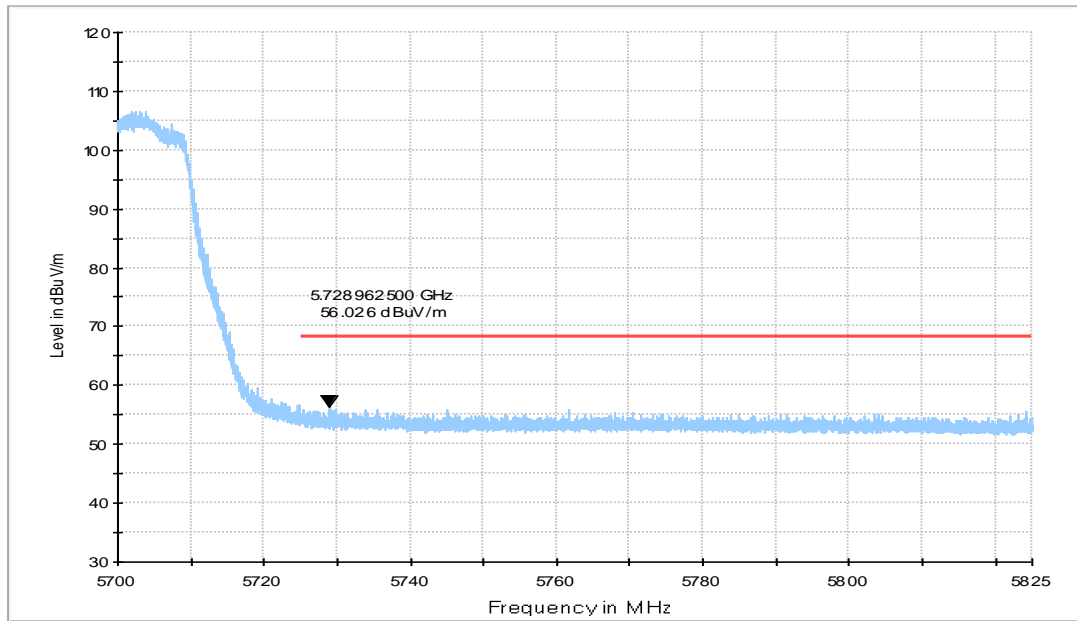
**Fig.13 Band Edges (802.11ax-HT20, 5180MHz)**



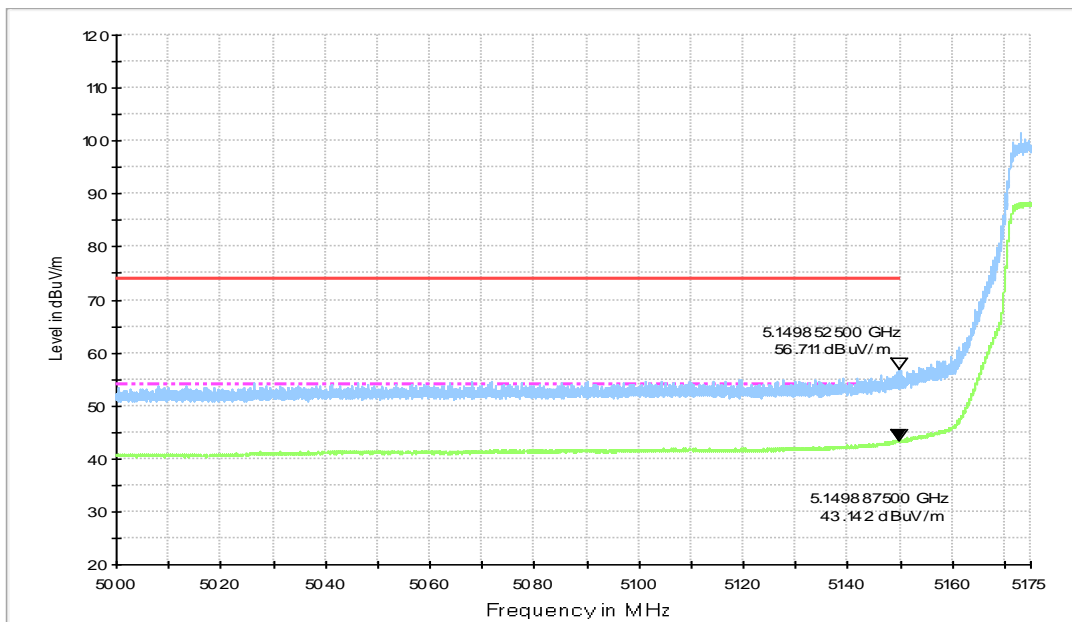
**Fig.14 Band Edges (802.11ax-HT20, 5320MHz)**



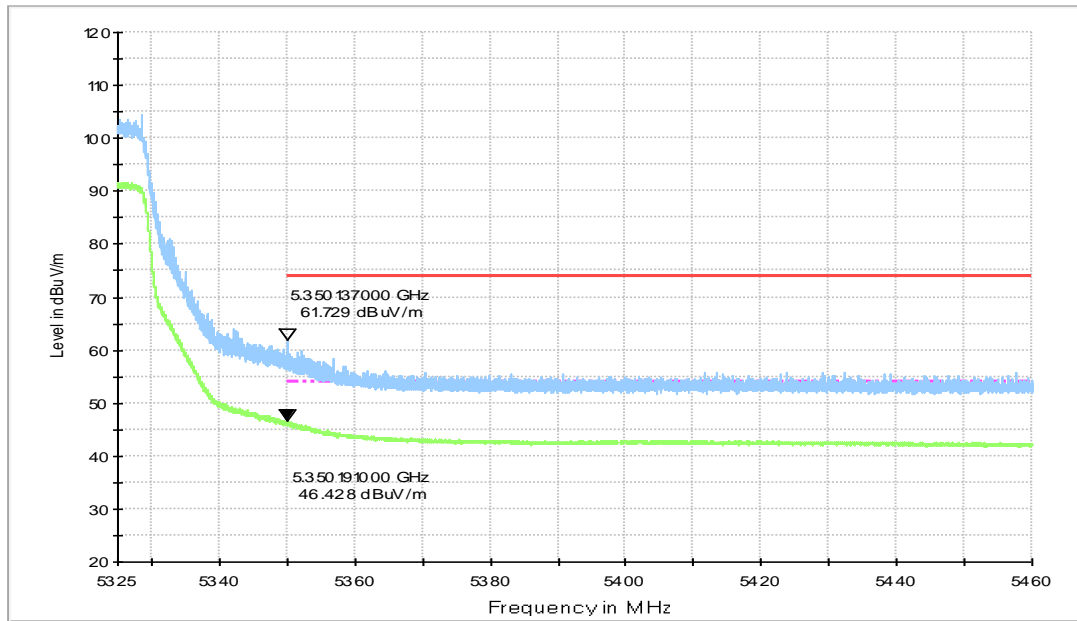
**Fig.15 Band Edges (802.11ax-HT20, 5500MHz)**



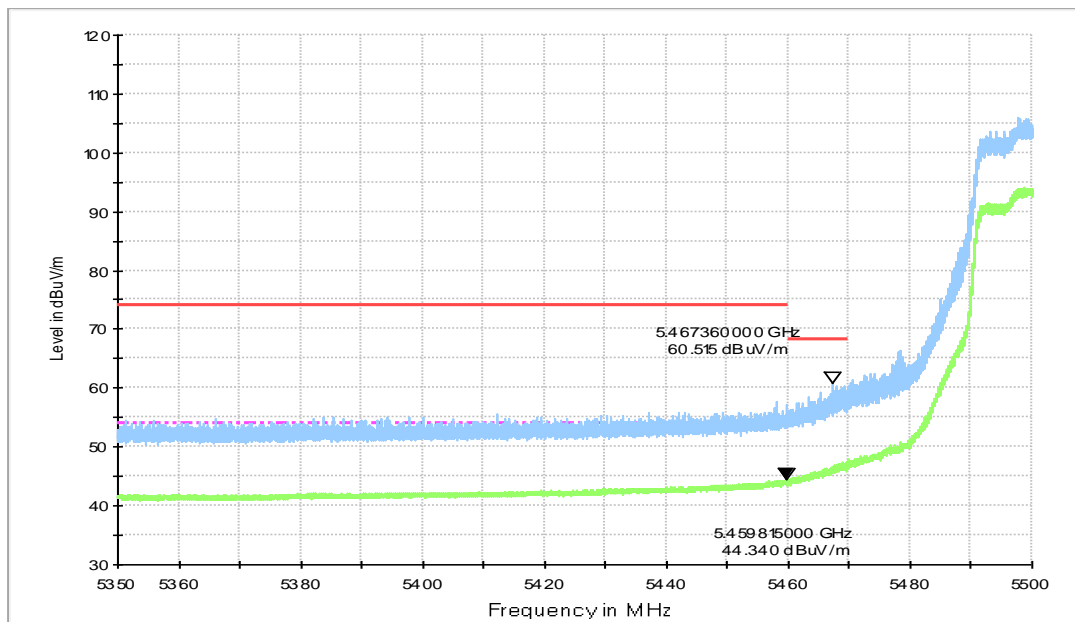
**Fig.16 Band Edges (802.11ax-HT20, 5700MHz)**



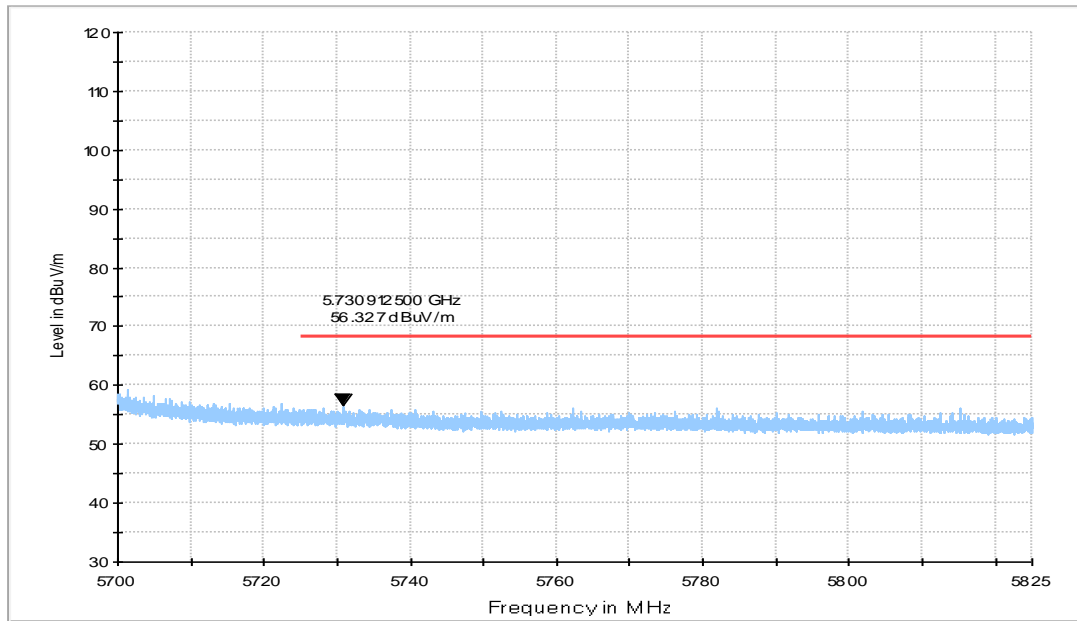
**Fig.17 Band Edges (802.11ax-HT40, 5190MHz)**



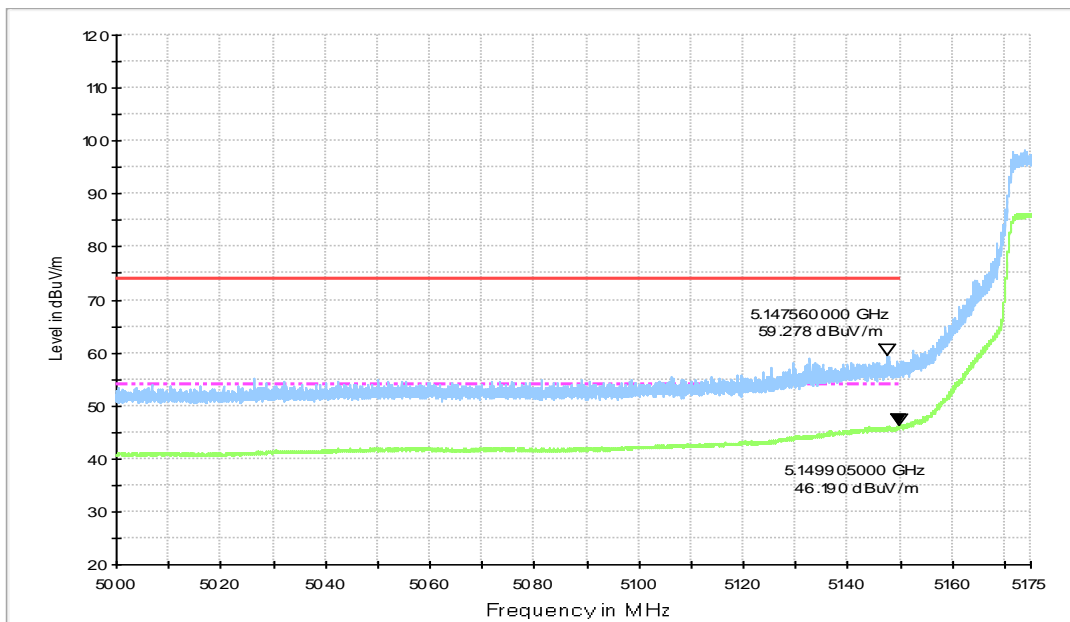
**Fig.18 Band Edges (802.11ax-HT40, 5310MHz)**



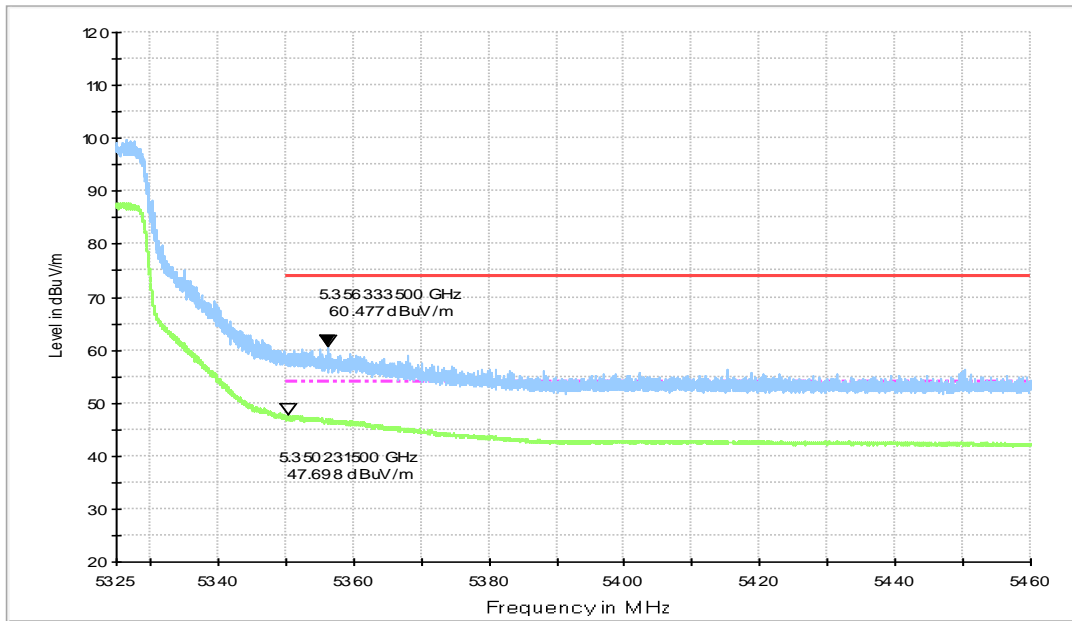
**Fig.19 Band Edges (802.11ax-HT40, 5510MHz)**



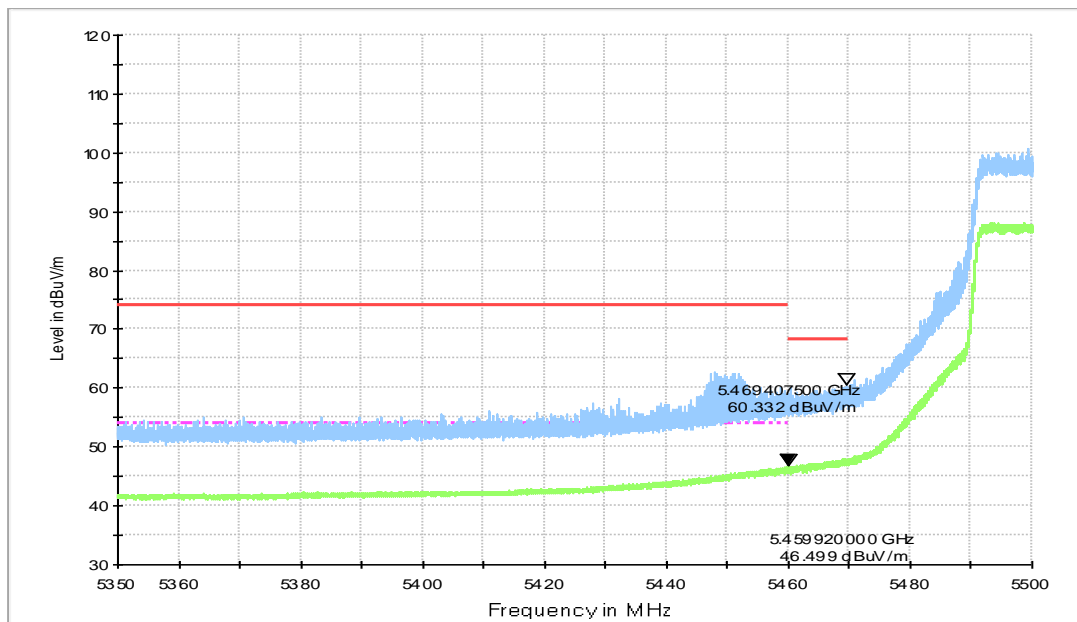
**Fig.20 Band Edges (802.11ax-HT40, 5670MHz)**



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

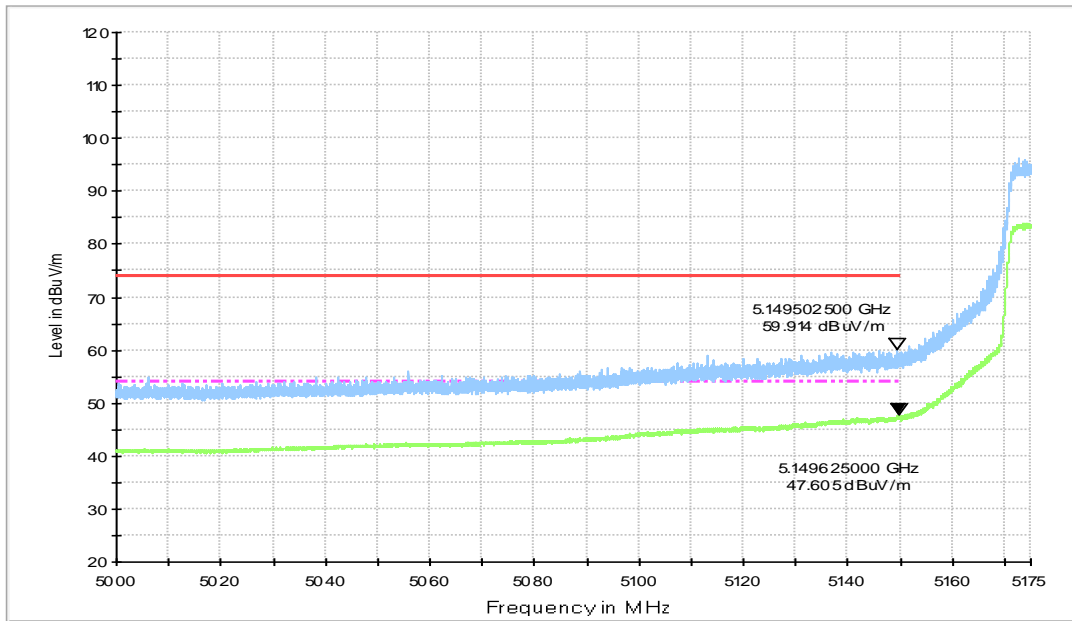


**Fig.22 Band Edges (802.11ax-HT80, 5290MHz)**

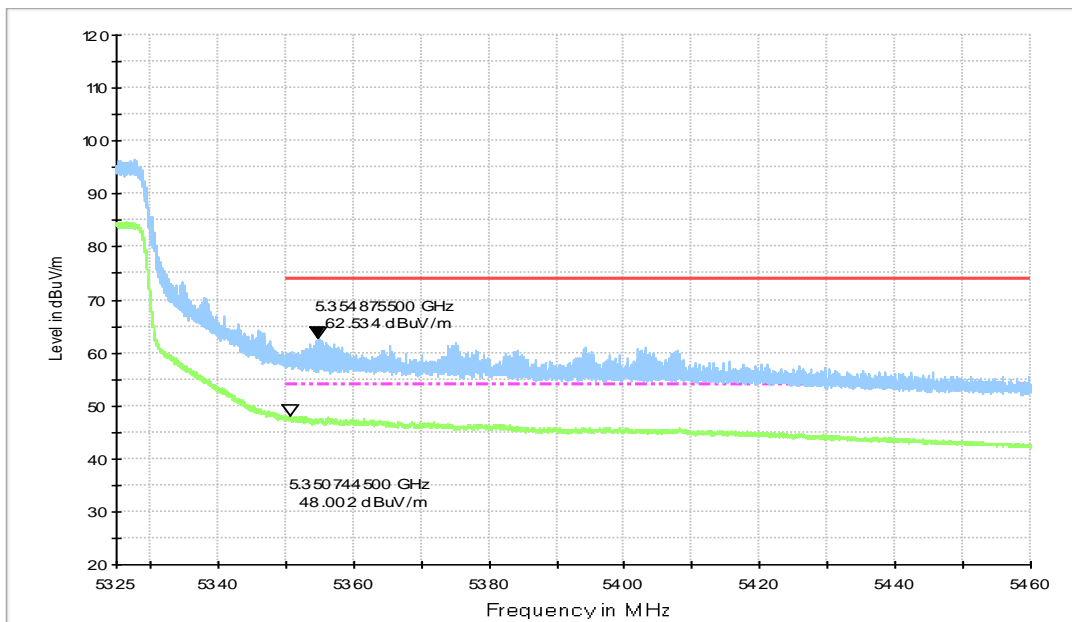


**Fig.23 Band Edges (802.11ax-HT80, 5530MHz)**

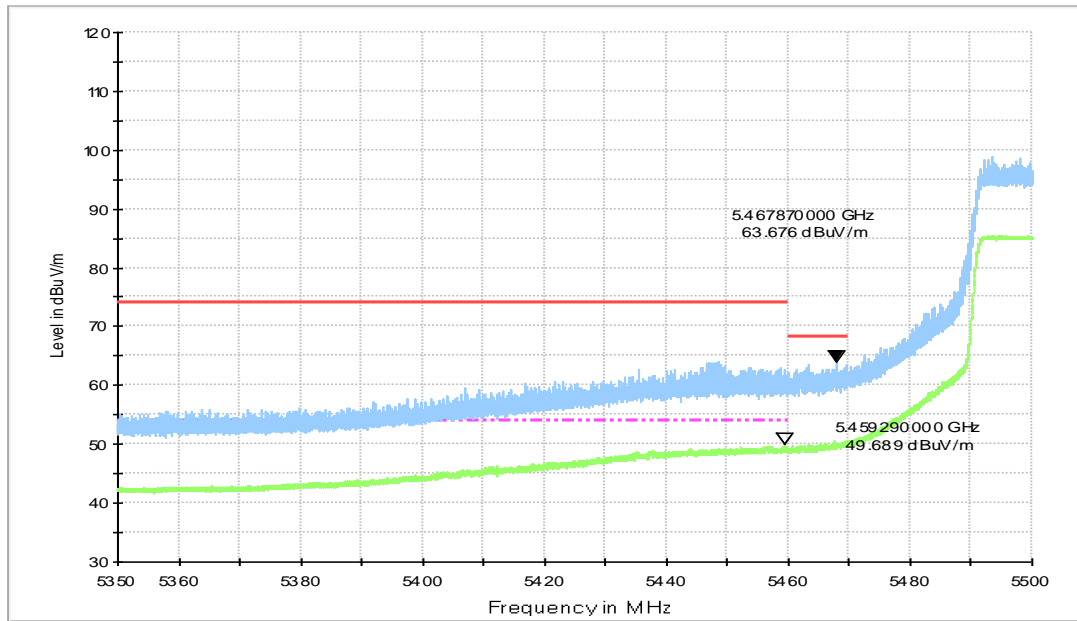




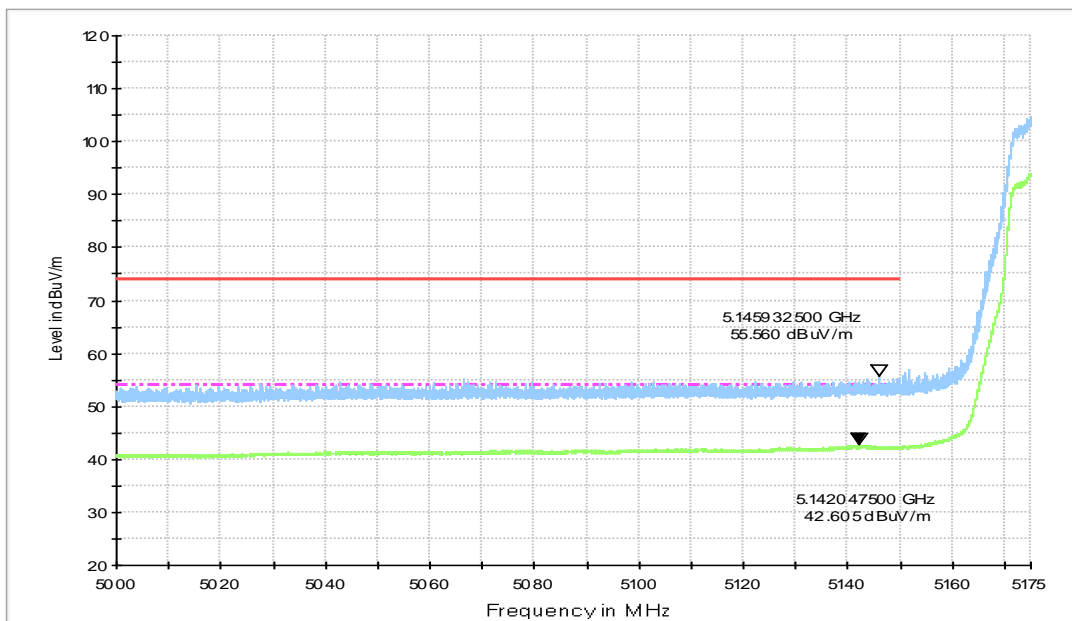
**Fig.24 Band Edges (802.11ax-HT160, 5250MHz)**



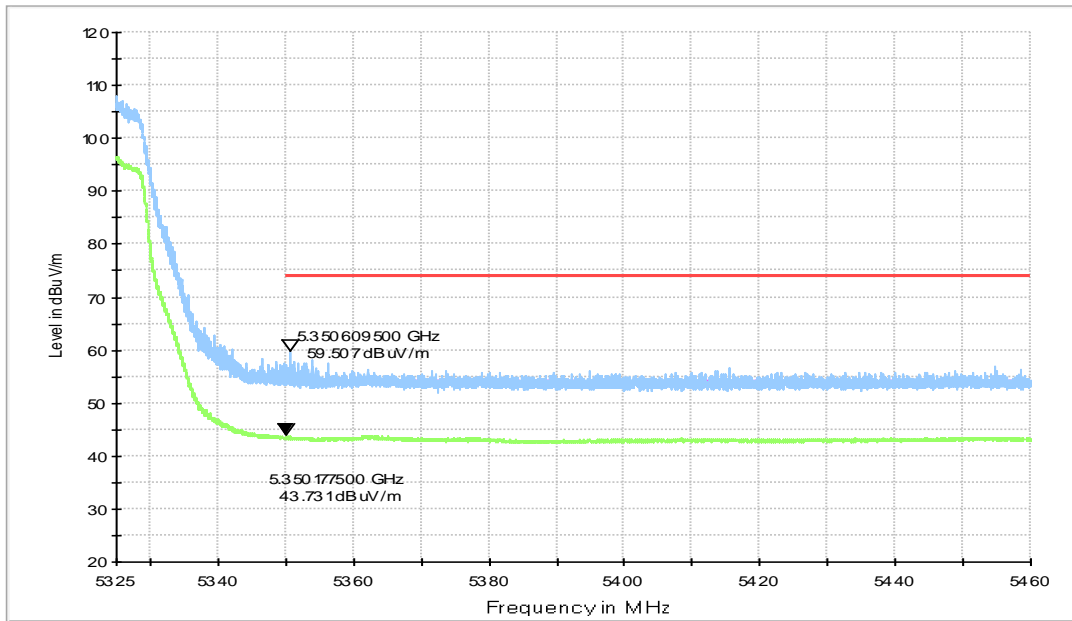
**Fig.25 Band Edges (802.11ax-HT160, 5250MHz)**



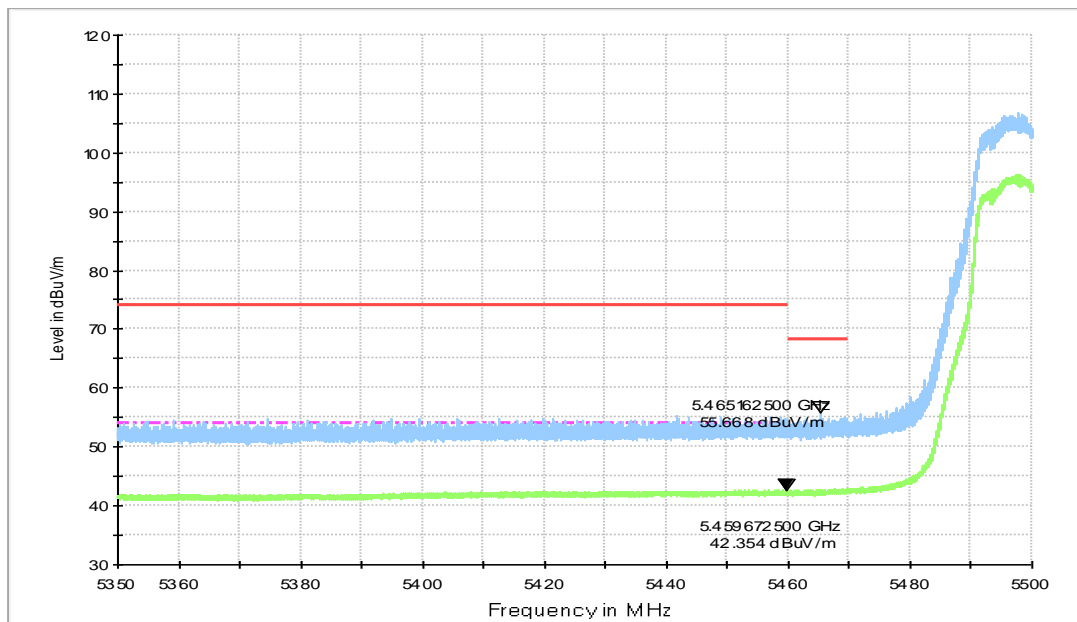
**Fig.26 Band Edges (802.11ax-HT160, 5570MHz)**



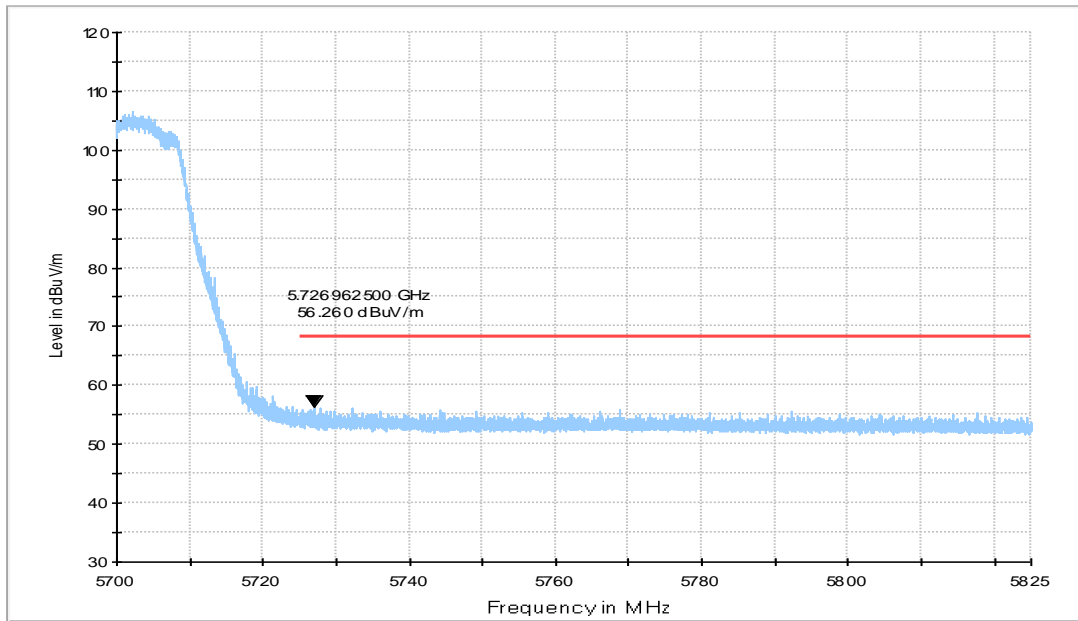
**Fig.27 Band Edges (802.11ac-HT20, 5180MHz)**



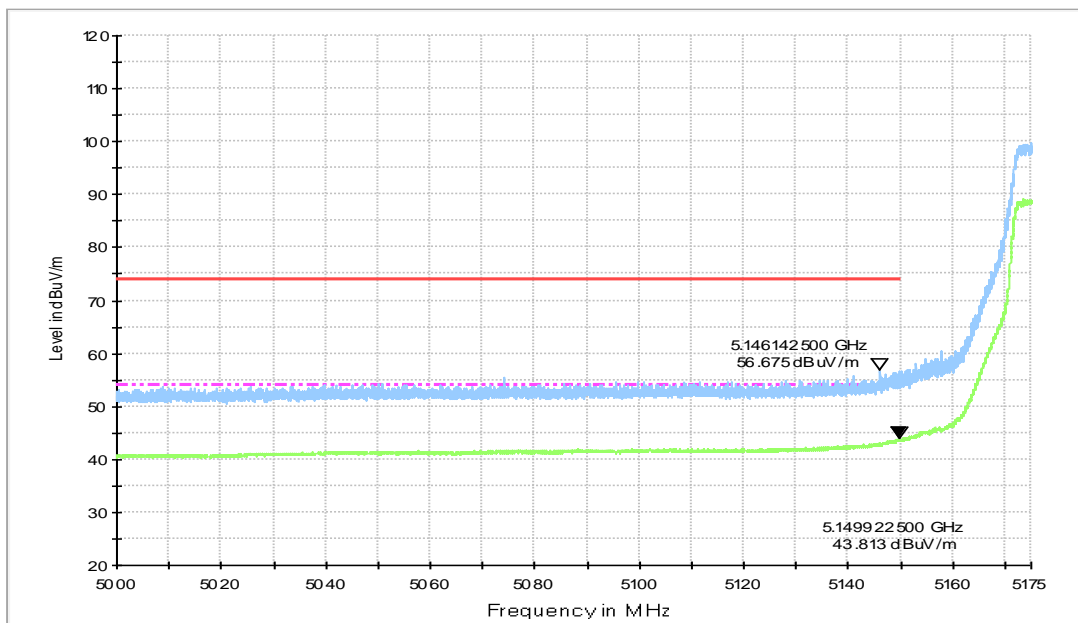
**Fig.28 Band Edges (802.11ac-HT20, 5320MHz)**



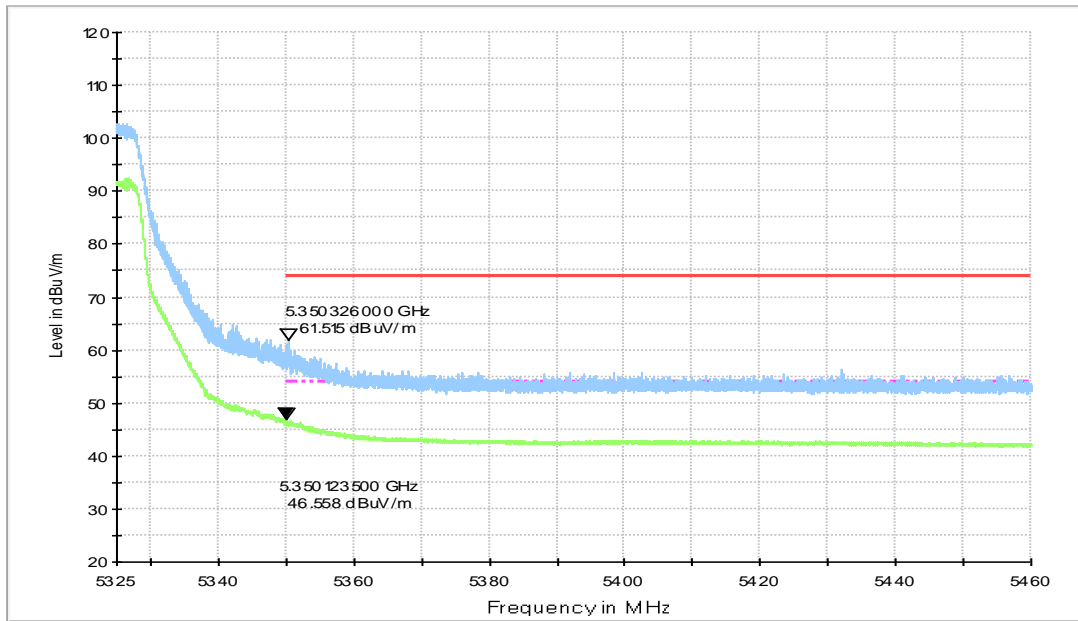
**Fig.29 Band Edges (802.11ac-HT20, 5500MHz)**



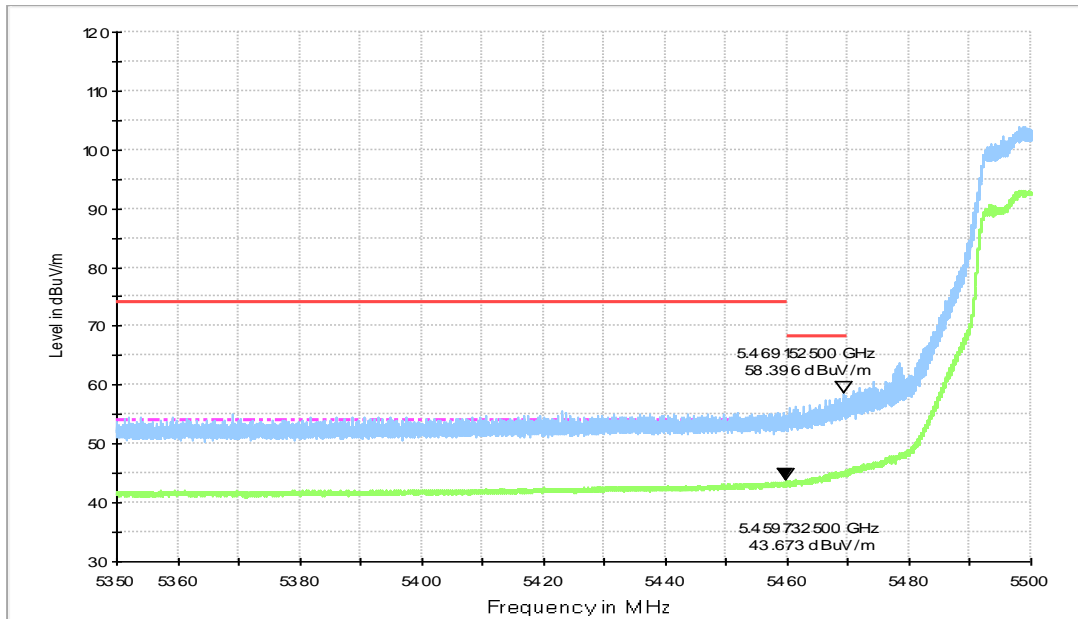
**Fig.30 Band Edges (802.11ac-HT20, 5700MHz)**



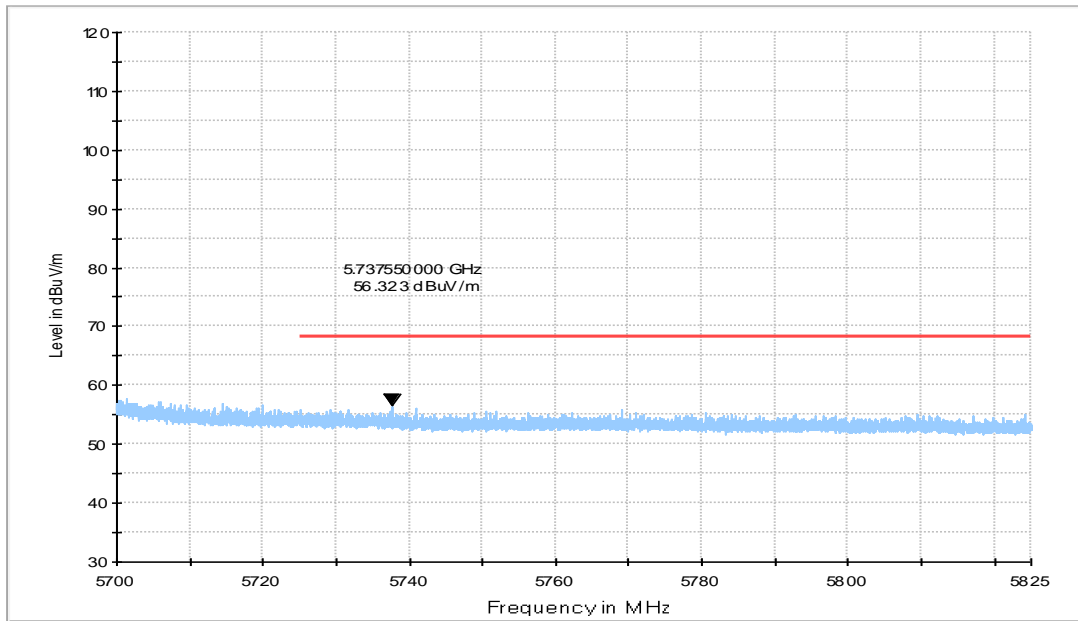
**Fig.31 Band Edges (802.11ac-HT40, 5190MHz)**



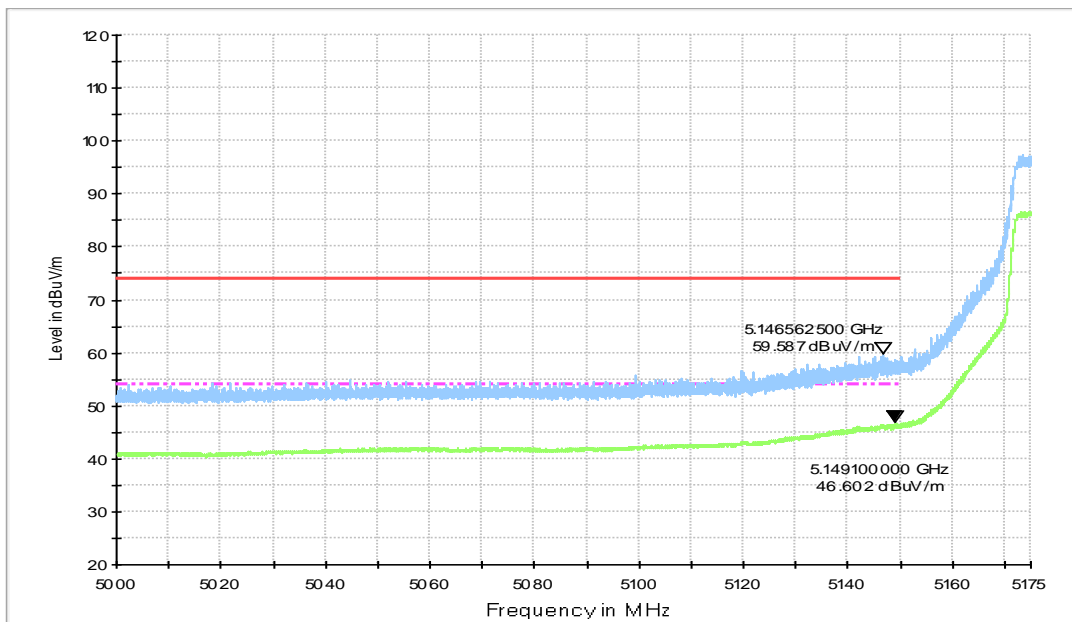
**Fig.32 Band Edges (802.11ac-HT40, 5310MHz)**



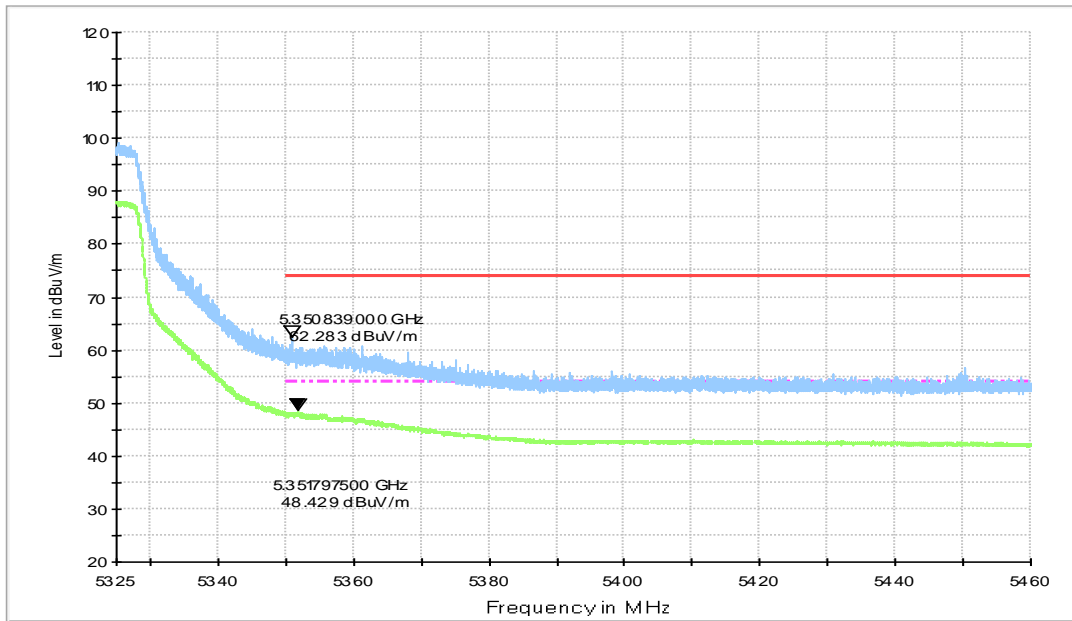
**Fig.33 Band Edges (802.11ac-HT40, 5510MHz)**



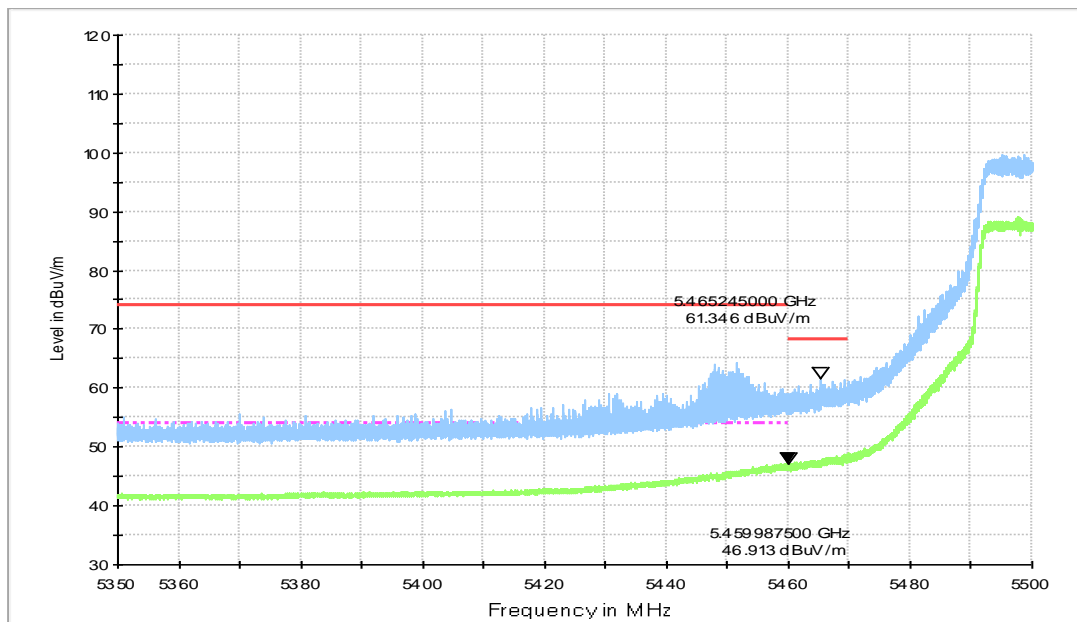
**Fig.34 Band Edges (802.11ac-HT40, 5670MHz)**



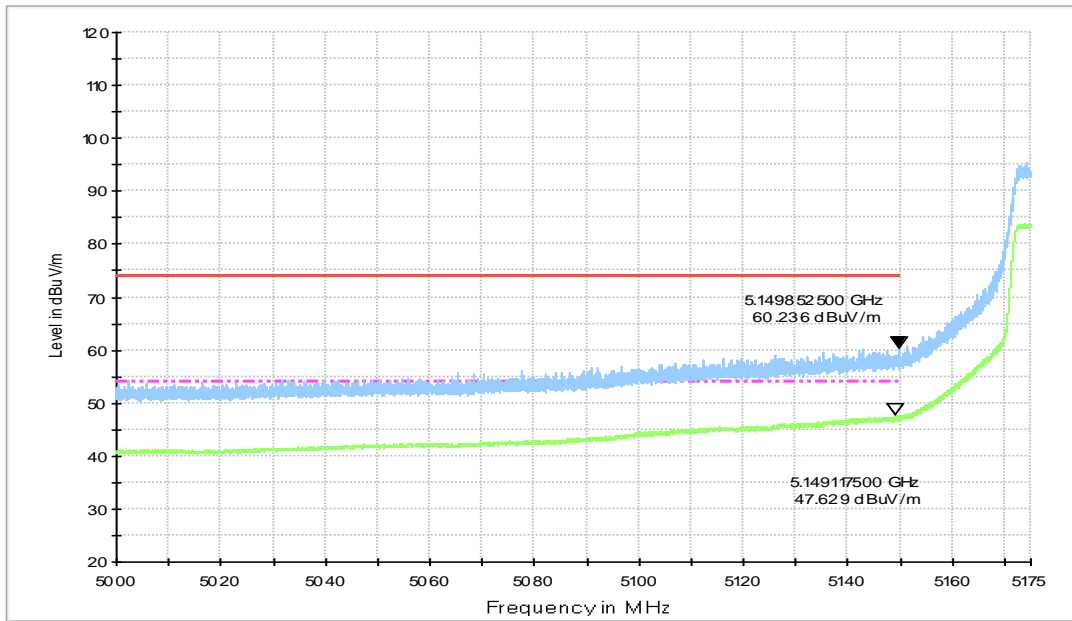
**Fig.35 Band Edges (802.11ac-HT80, 5210MHz)**



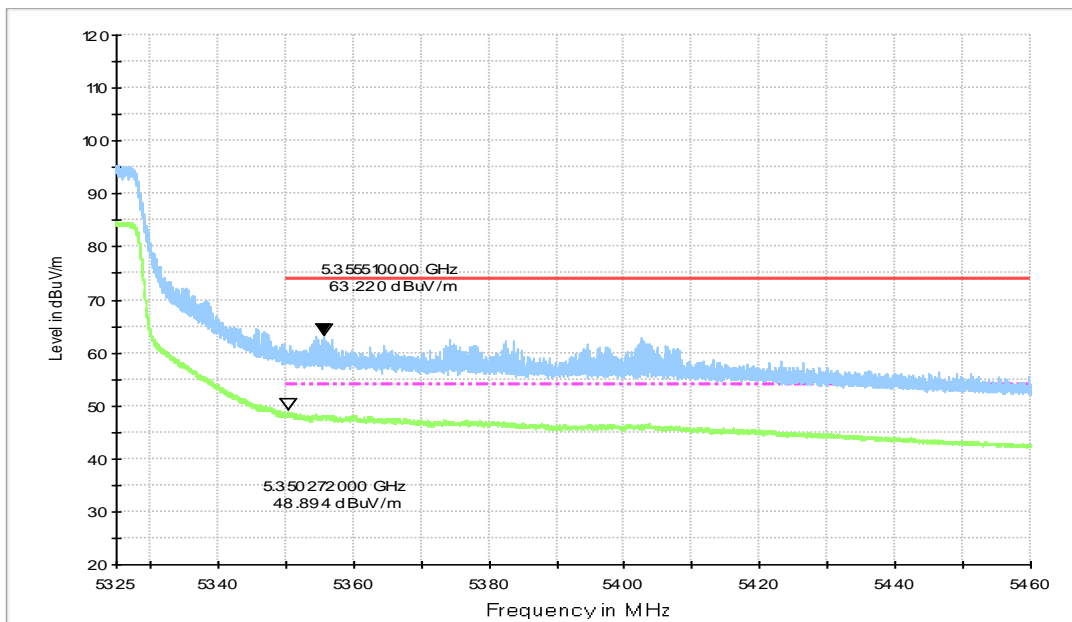
**Fig.36 Band Edges (802.11ac-HT80, 5290MHz)**



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

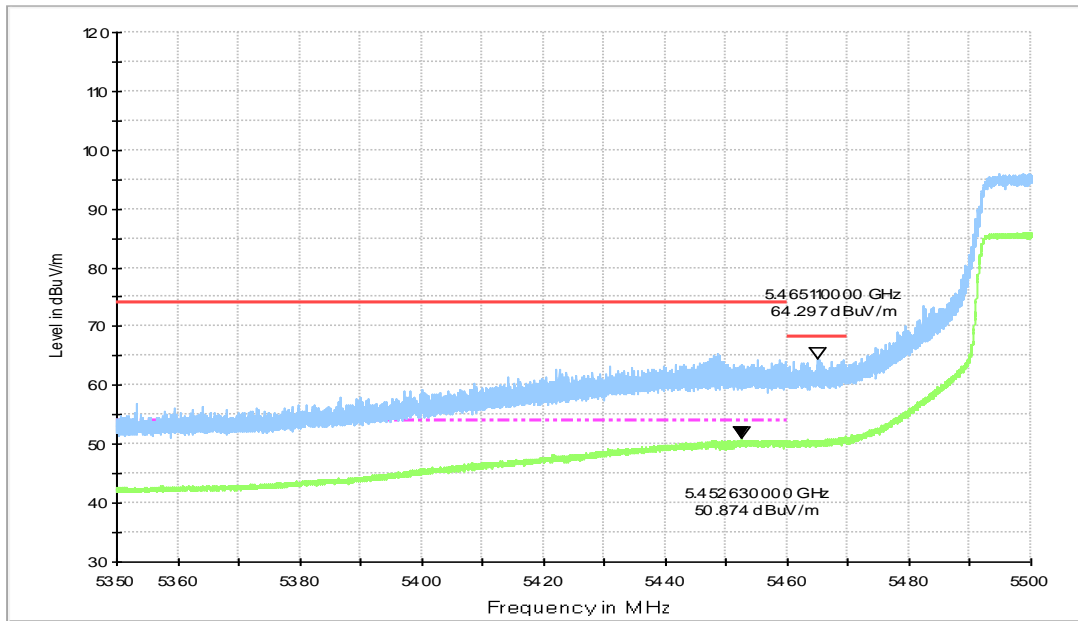


**Fig.38 Band Edges (802.11ac-HT160, 5250MHz)**

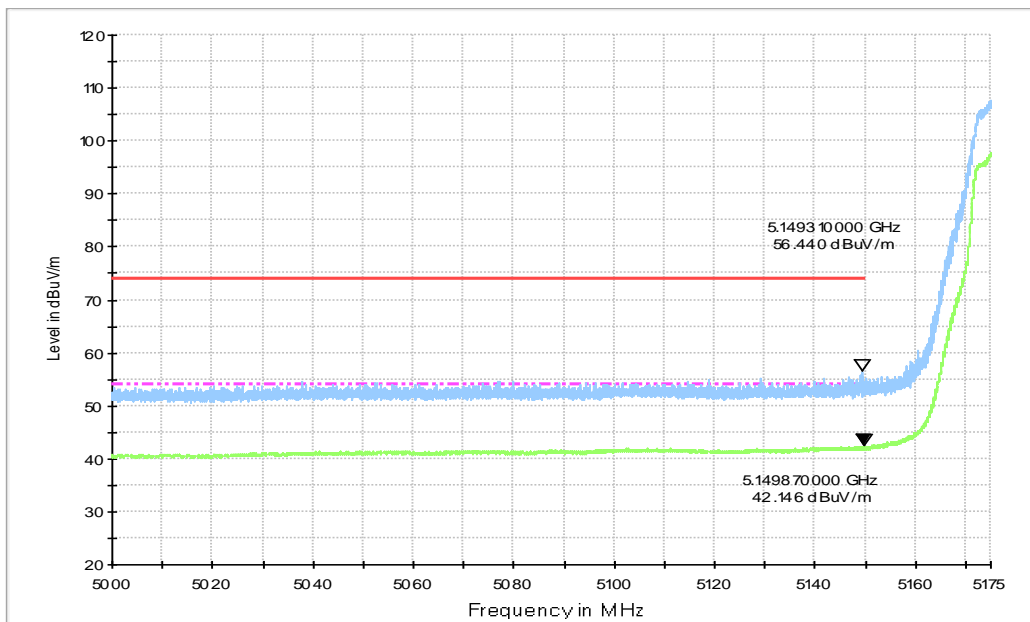


**Fig.39 Band Edges (802.11ac-HT160, 5250MHz)**

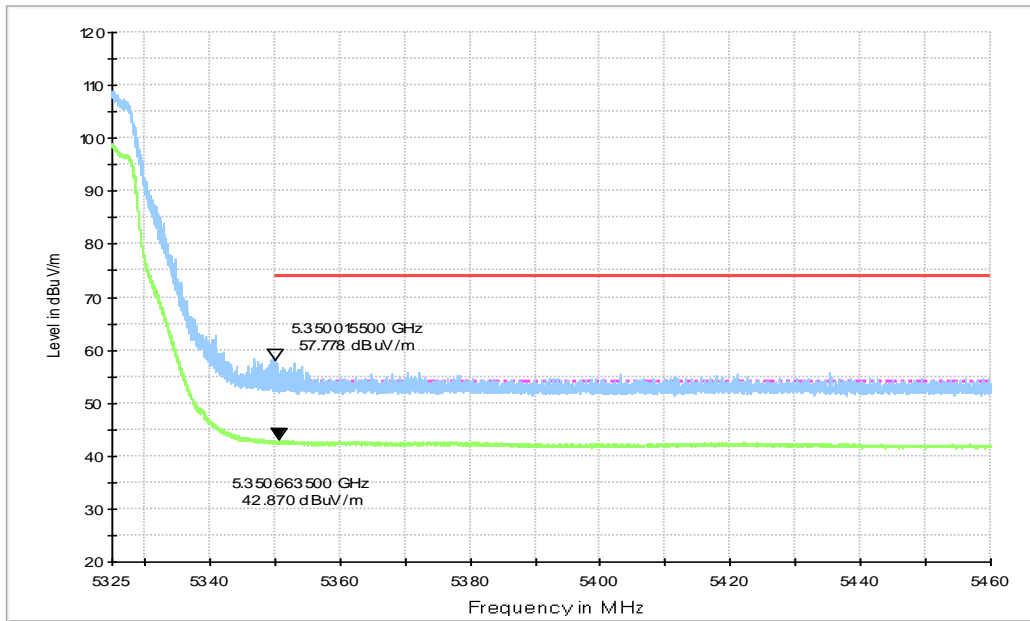




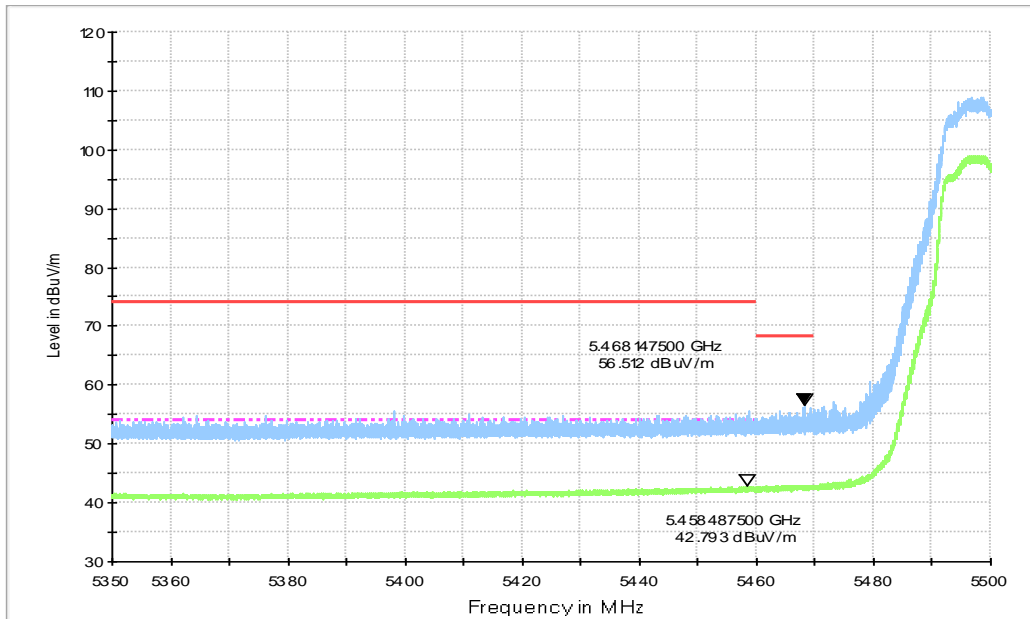
**Fig.40 Band Edges (802.11ac-HT160, 5570MHz)**



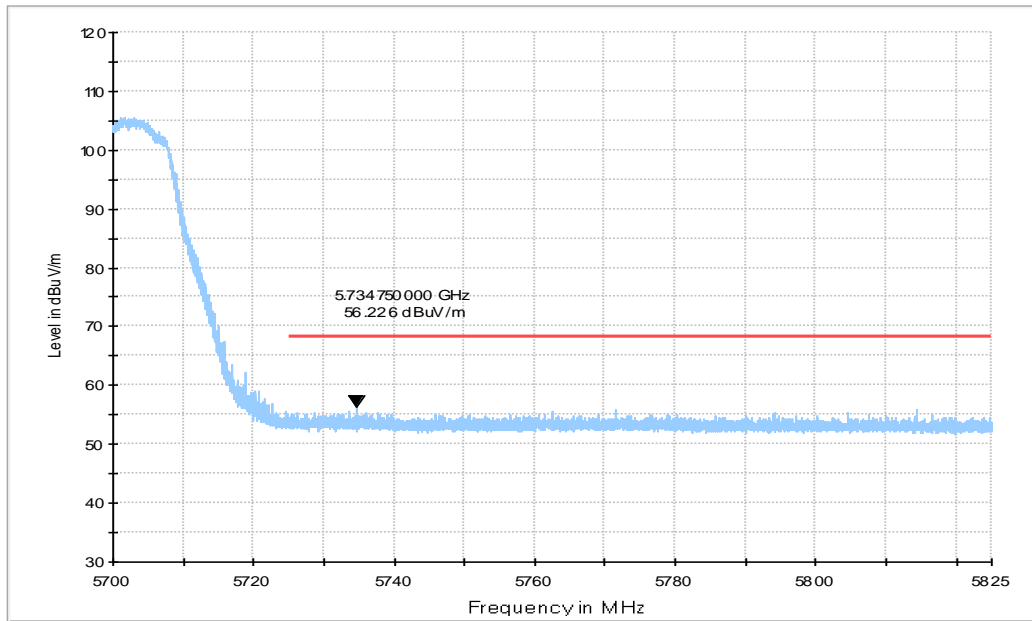
**Fig.41 Band Edges (802.11a, 5180MHz)**



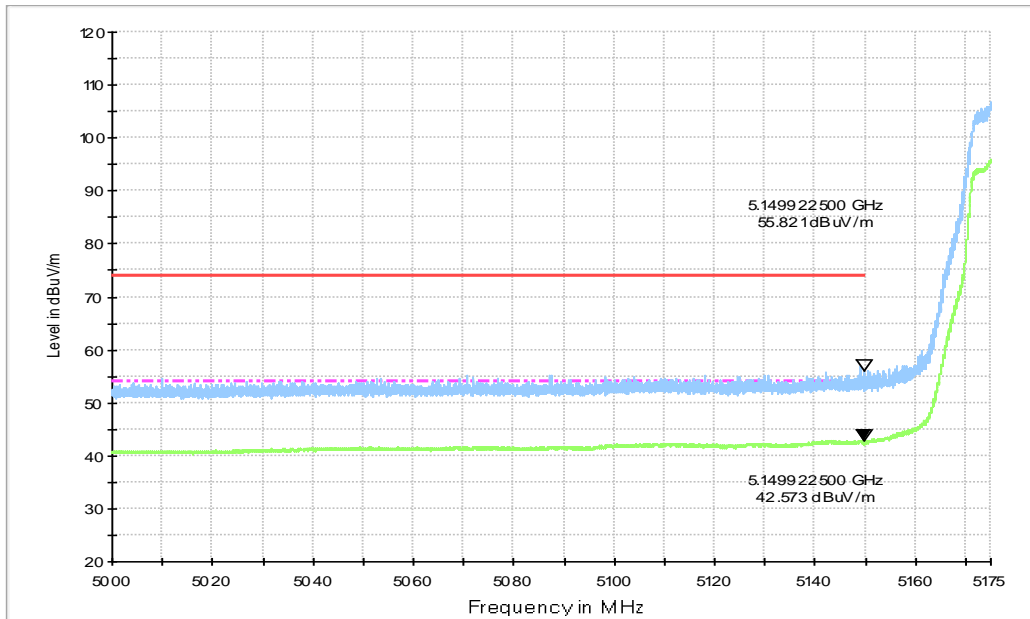
**Fig.42 Band Edges (802.11a, 5320MHz)**



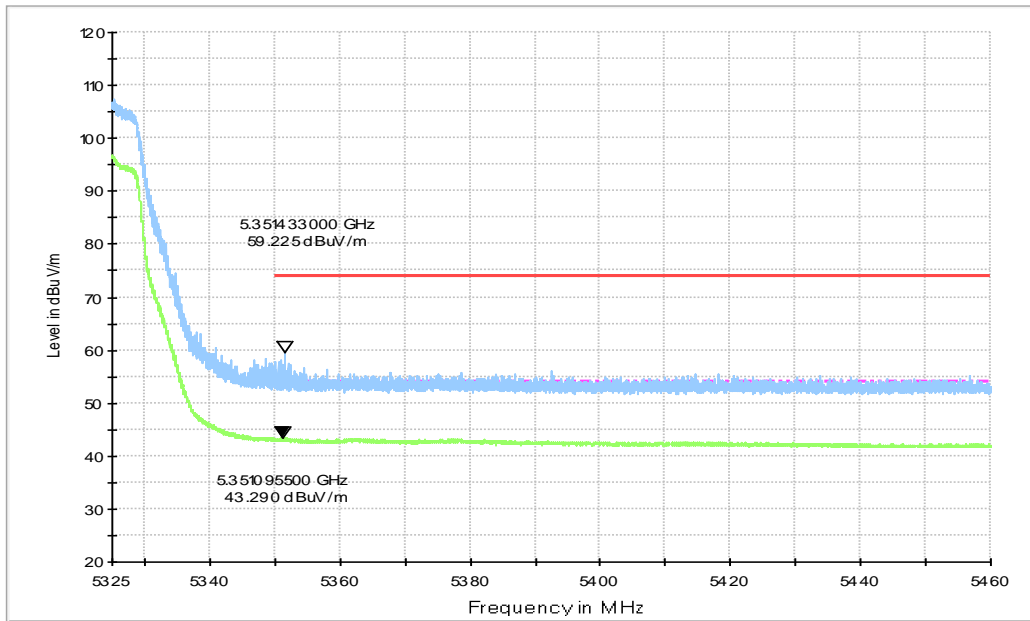
**Fig.43 Band Edges (802.11a, 5500MHz)**



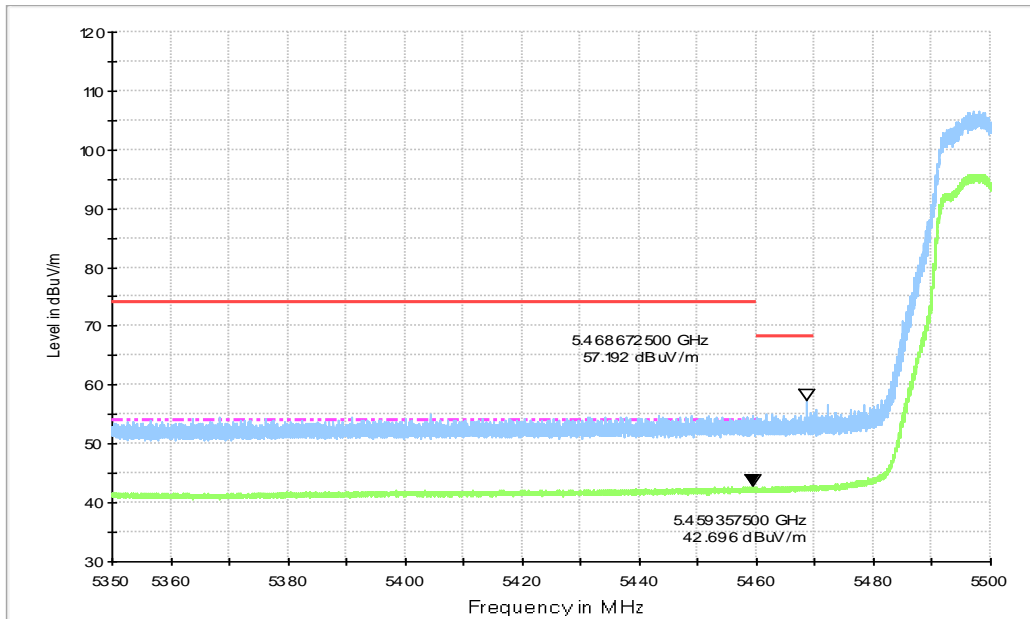
**Fig.44 Band Edges (802.11a, 5700MHz)**



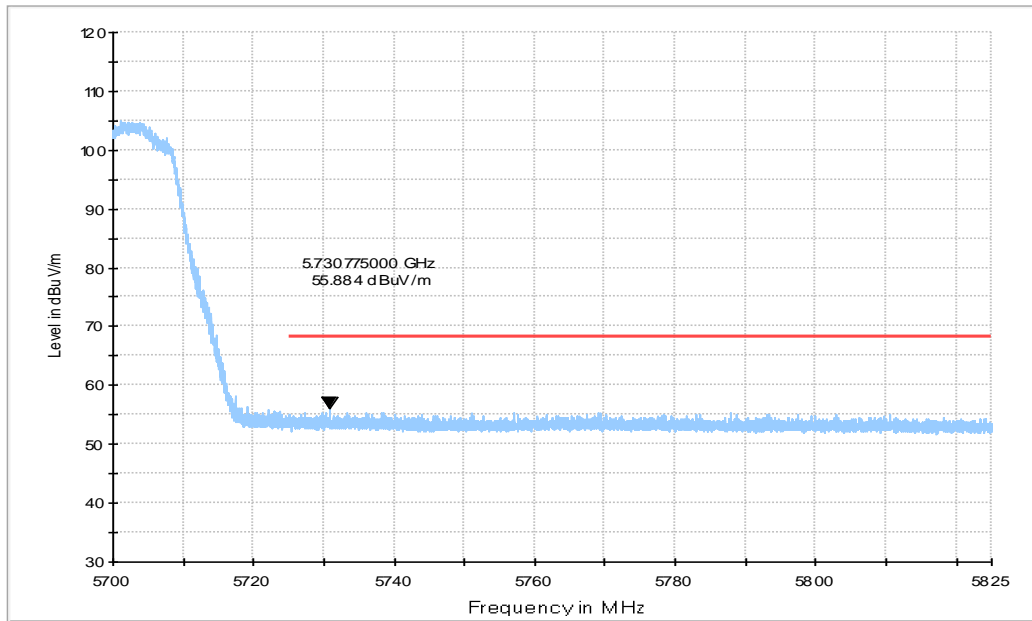
**Fig.45 Band Edges (802.11n-HT20, 5180MHz)**



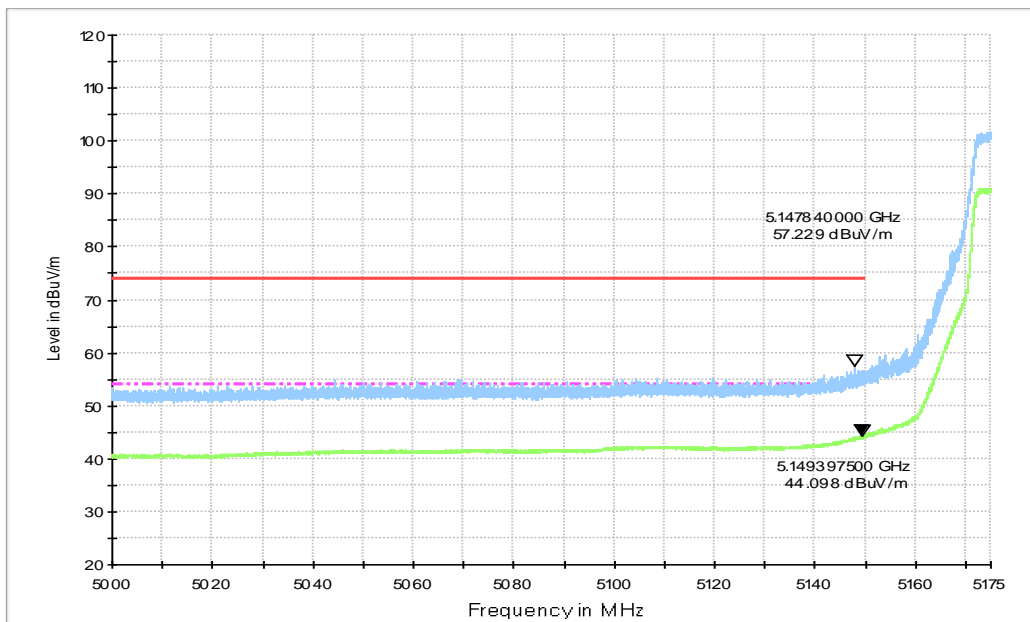
**Fig.46 Band Edges (802.11n-HT20, 5320MHz)**



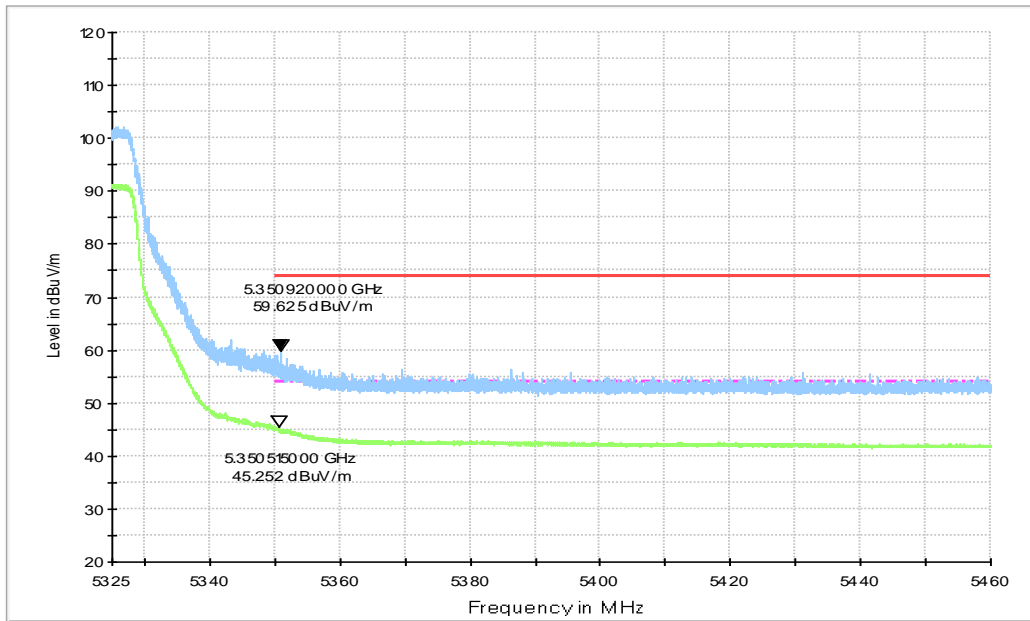
**Fig.47 Band Edges (802.11n-HT20, 5500MHz)**



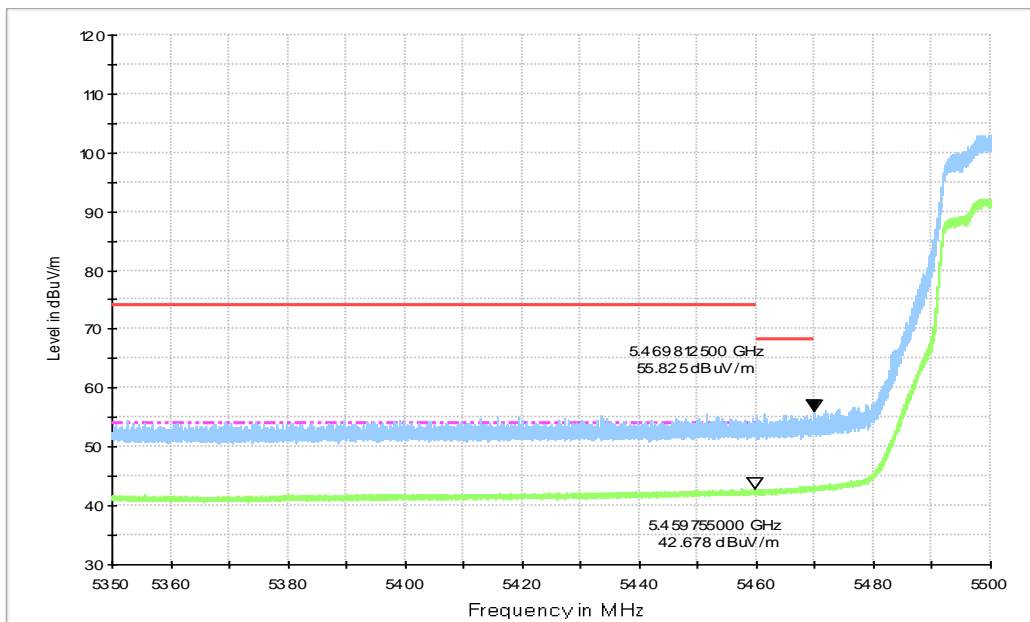
**Fig.48 Band Edges (802.11n-HT20, 5700MHz)**



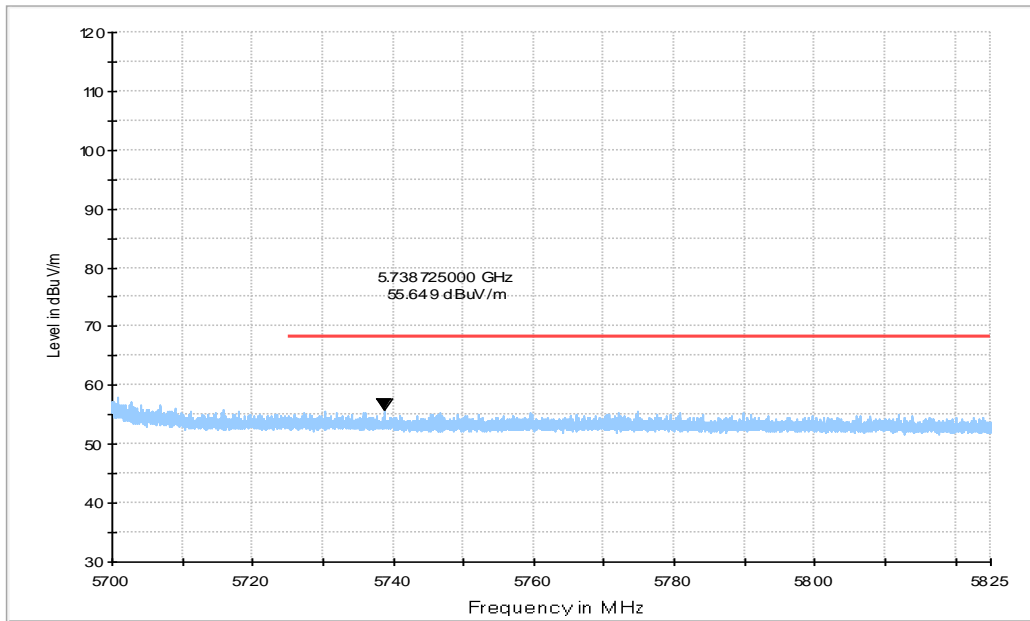
**Fig.49 Band Edges (802.11n-HT40, 5190MHz)**



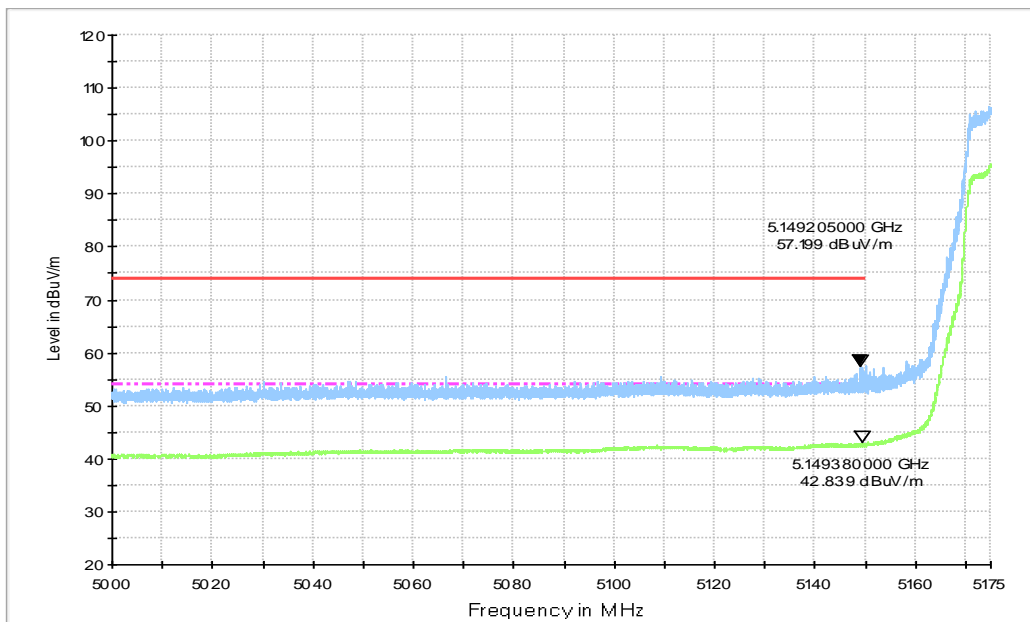
**Fig.50 Band Edges (802.11n-HT40, 5310MHz)**



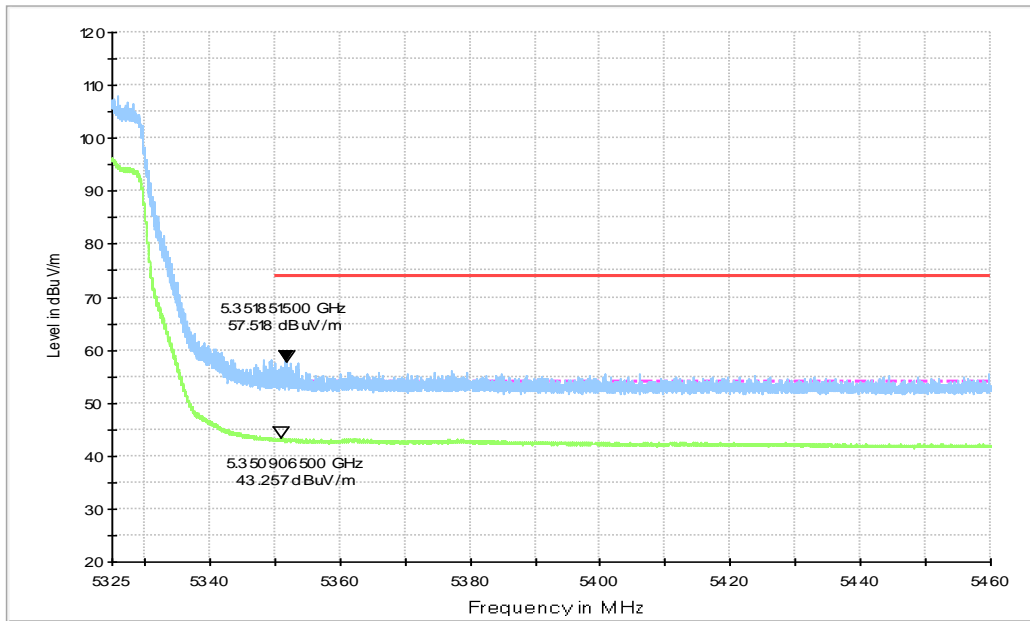
**Fig.51 Band Edges (802.11n-HT40, 5510MHz)**



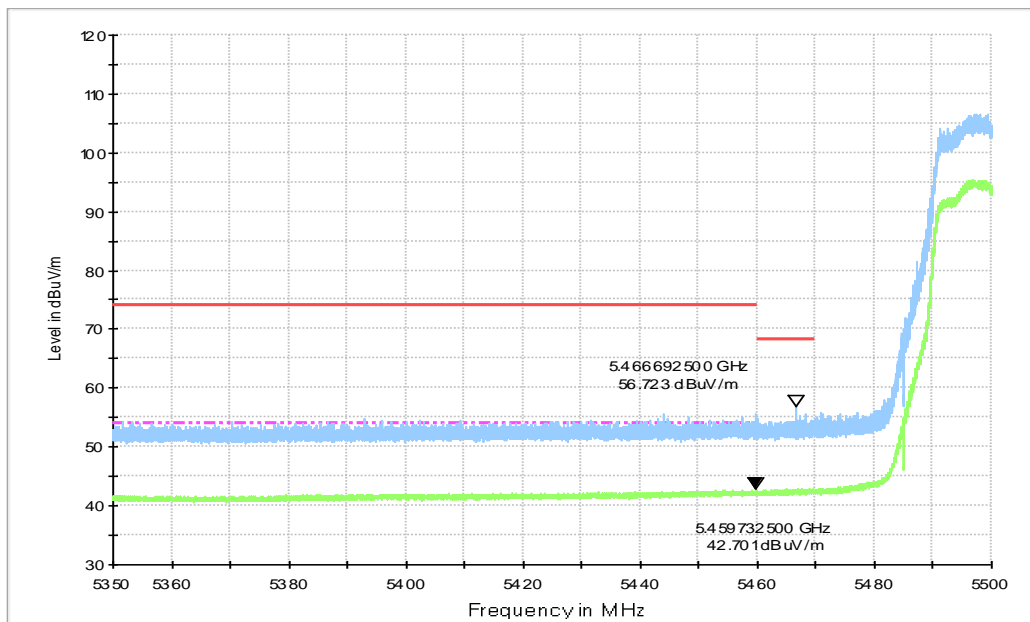
**Fig.52 Band Edges (802.11n-HT40, 5670MHz)**



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

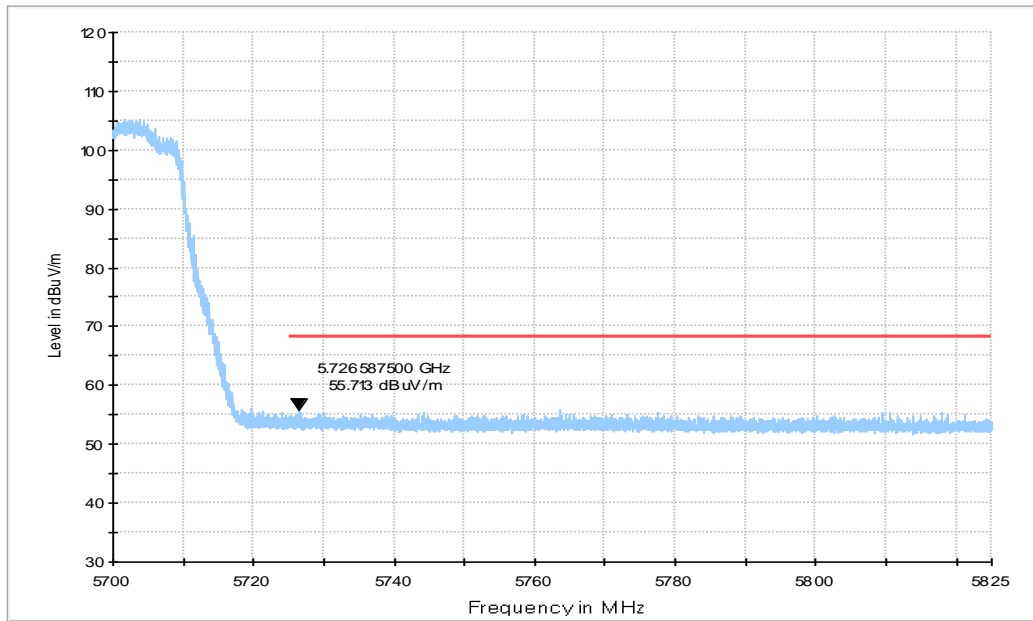


**Fig.54 Band Edges (802.11ax-HT20, 5320MHz)**

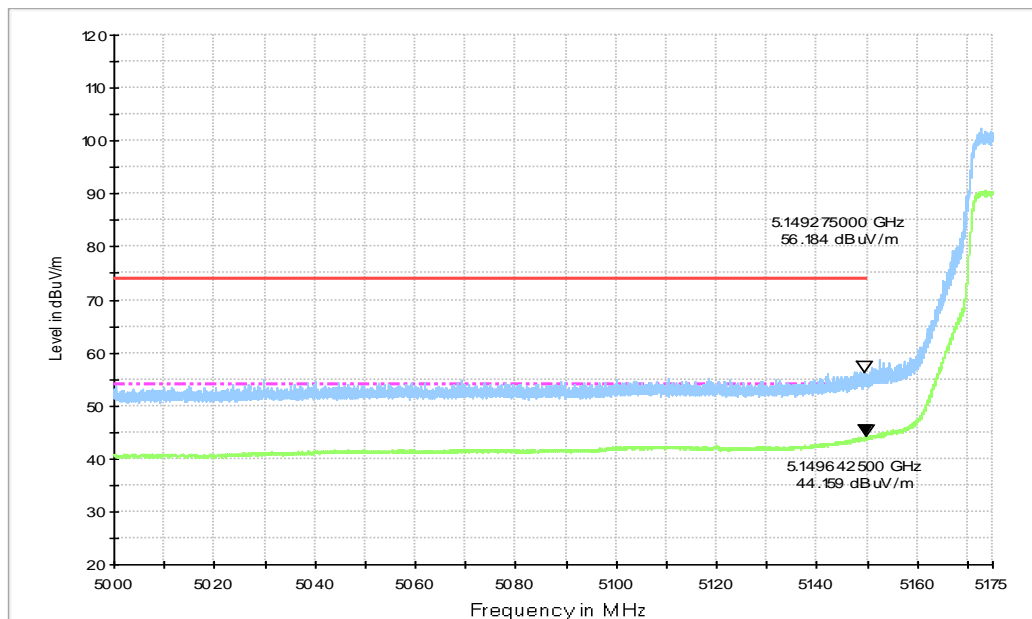


**Fig.55 Band Edges (802.11ax-HT20, 5500MHz)**

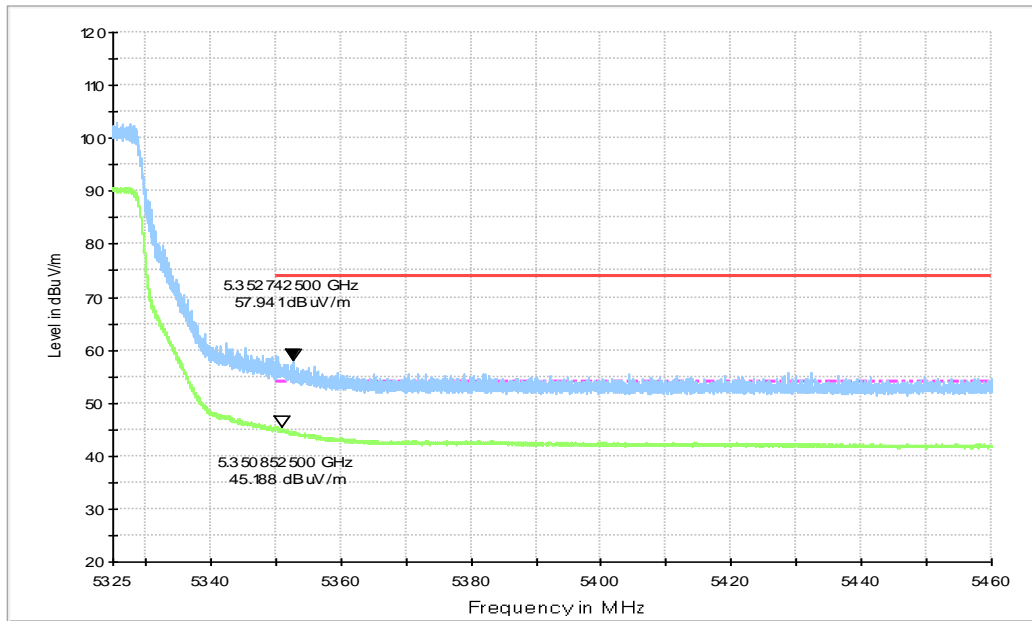




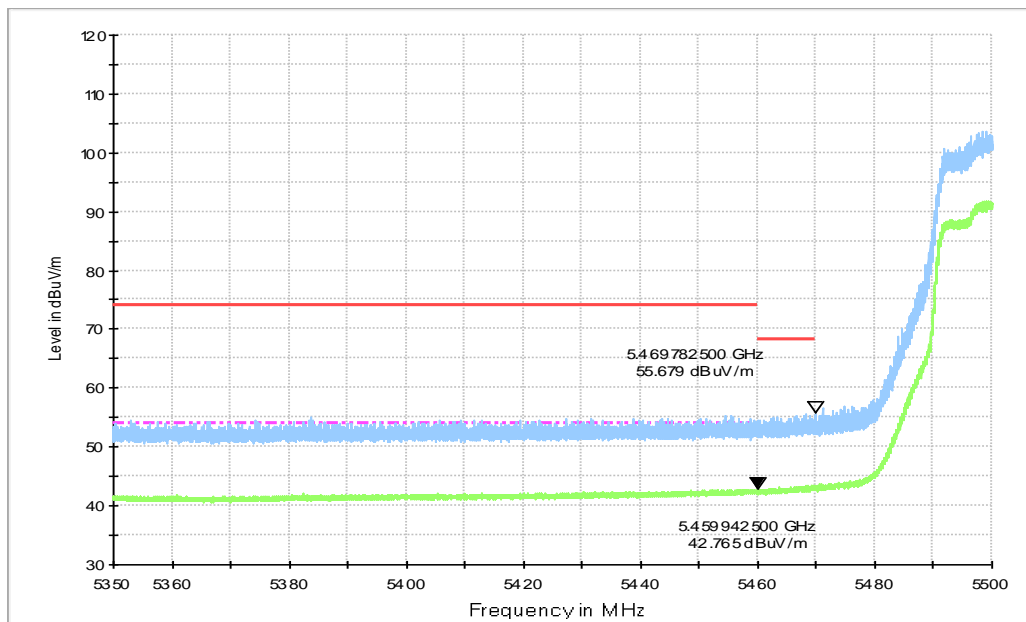
**Fig.56 Band Edges (802.11ax-HT20, 5700MHz)**



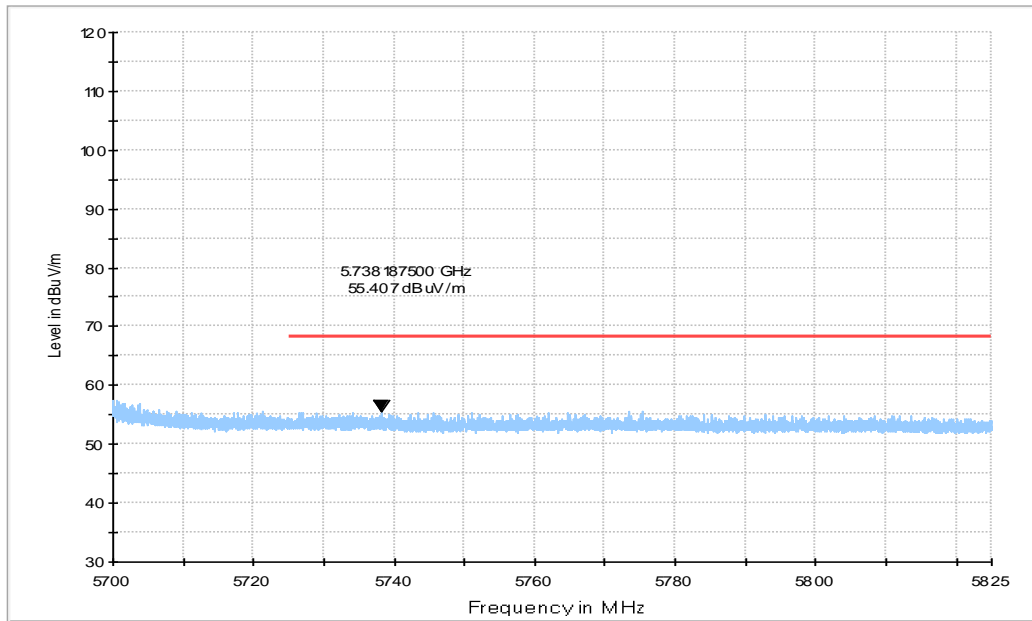
**Fig.57 Band Edges (802.11ax-HT40, 5190MHz)**



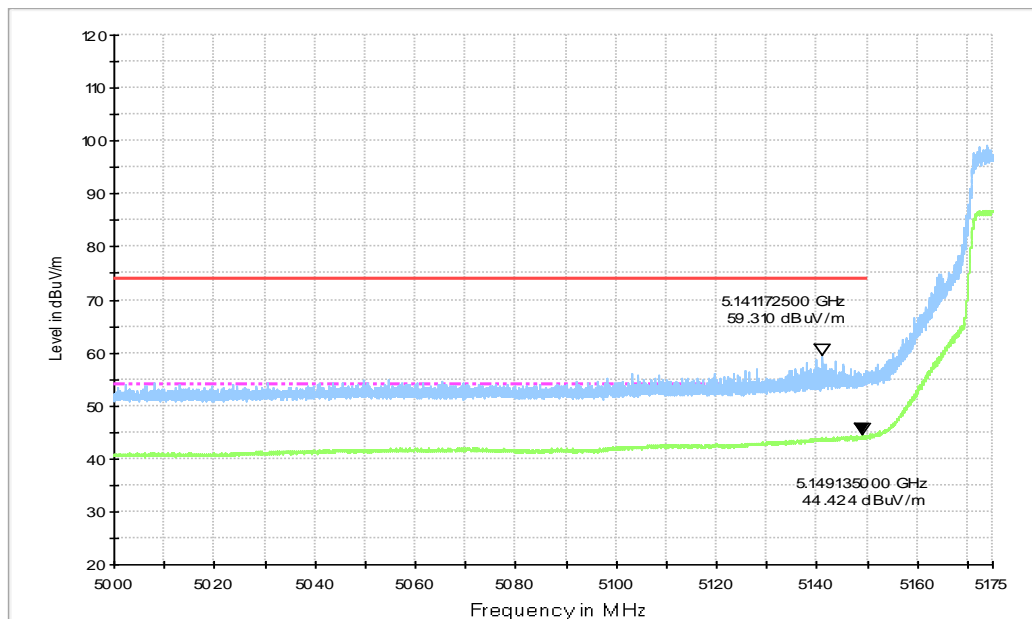
**Fig.58 Band Edges (802.11ax-HT40, 5310MHz)**



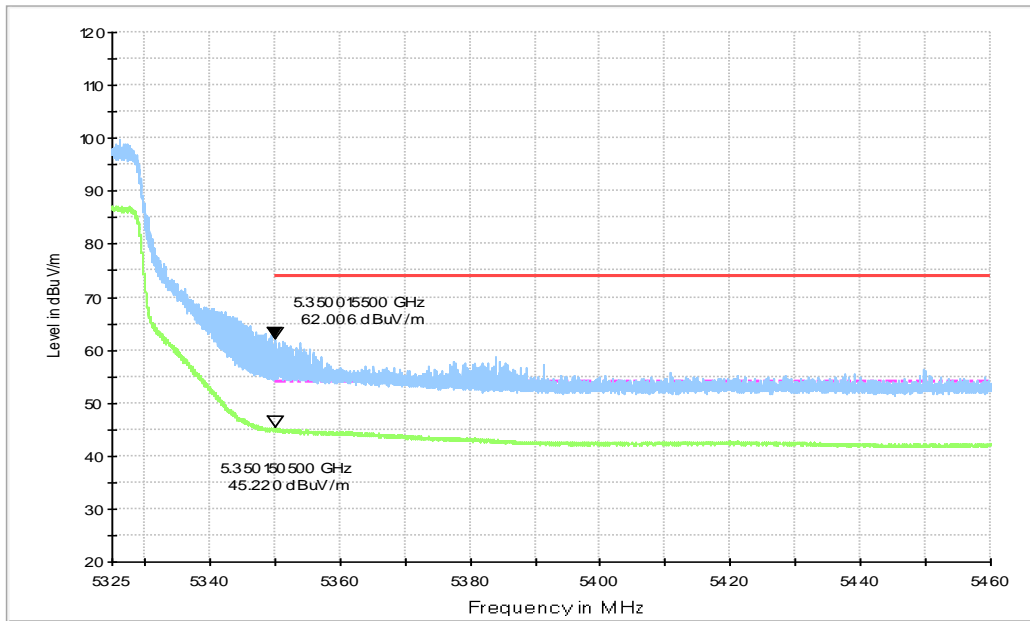
**Fig.59 Band Edges (802.11ax-HT40, 5510MHz)**



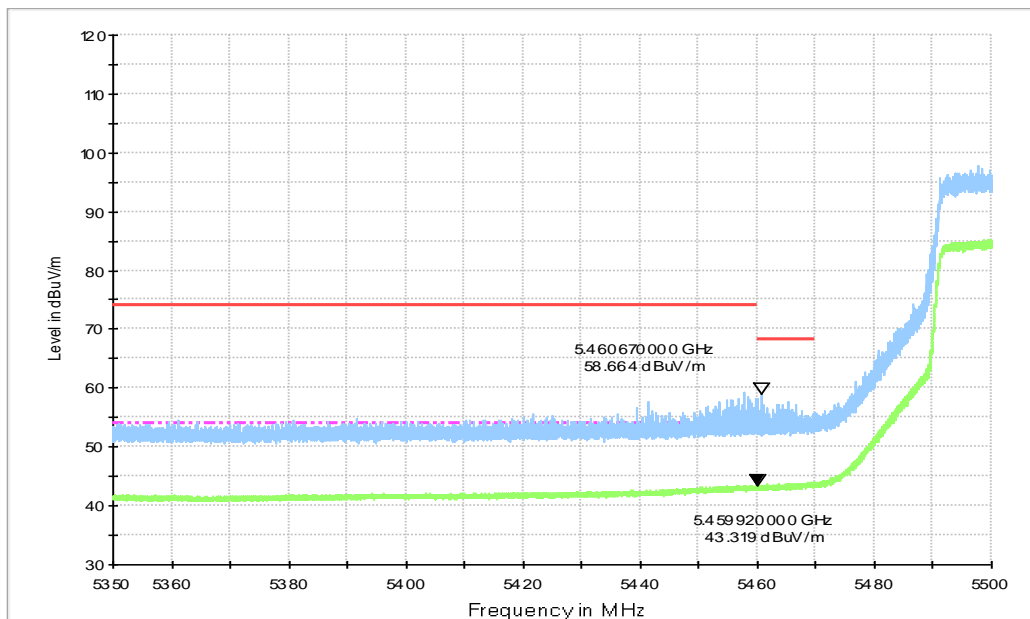
**Fig.60 Band Edges (802.11ax-HT40, 5670MHz)**



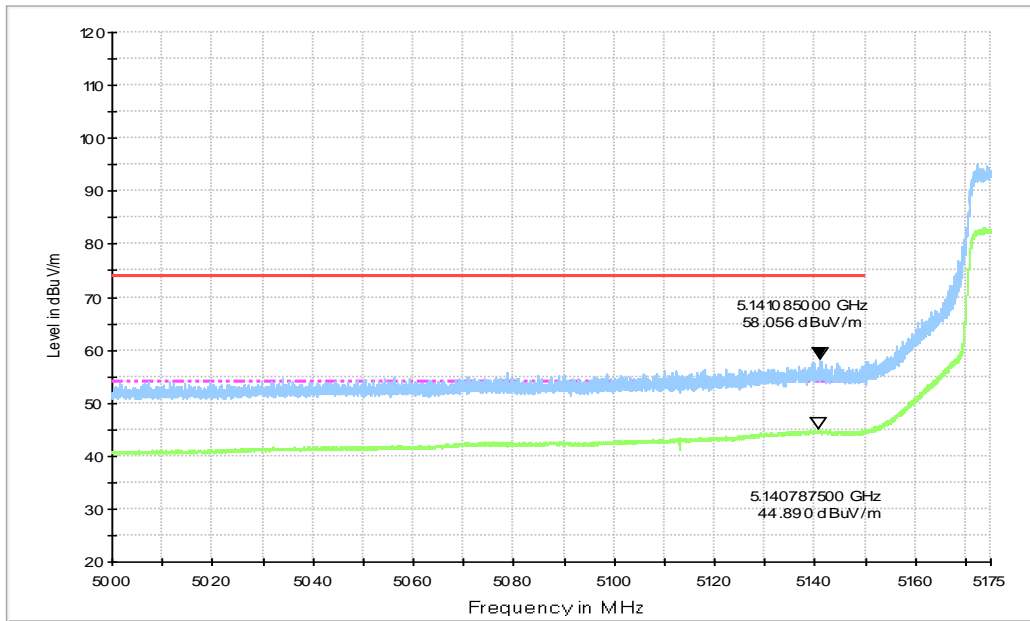
**Fig.61 Band Edges (802.11ax-HT80, 5210MHz)**



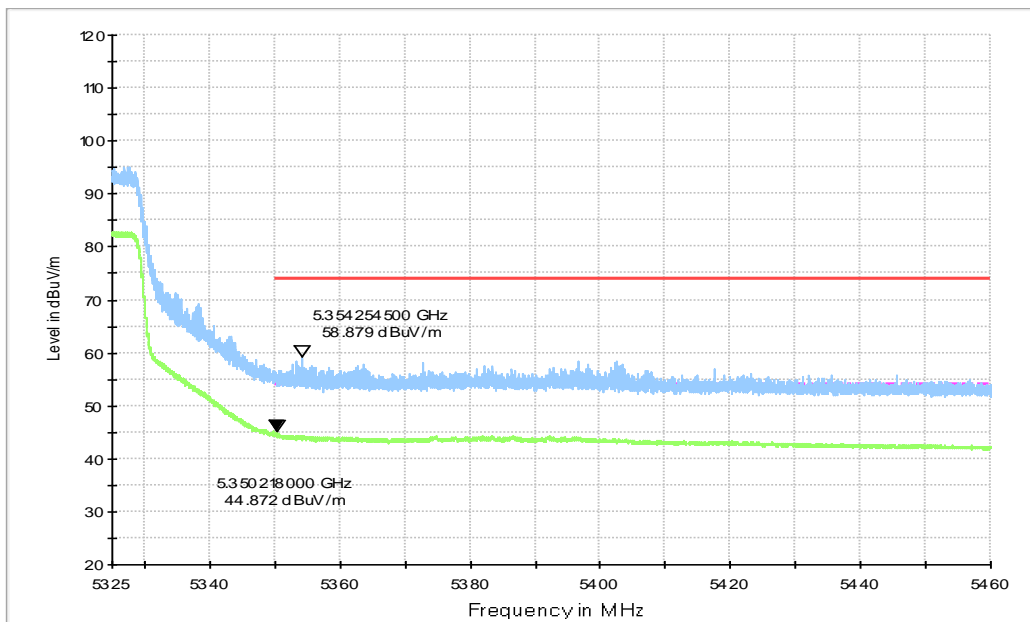
**Fig.62 Band Edges (802.11ax-HT80, 5290MHz)**



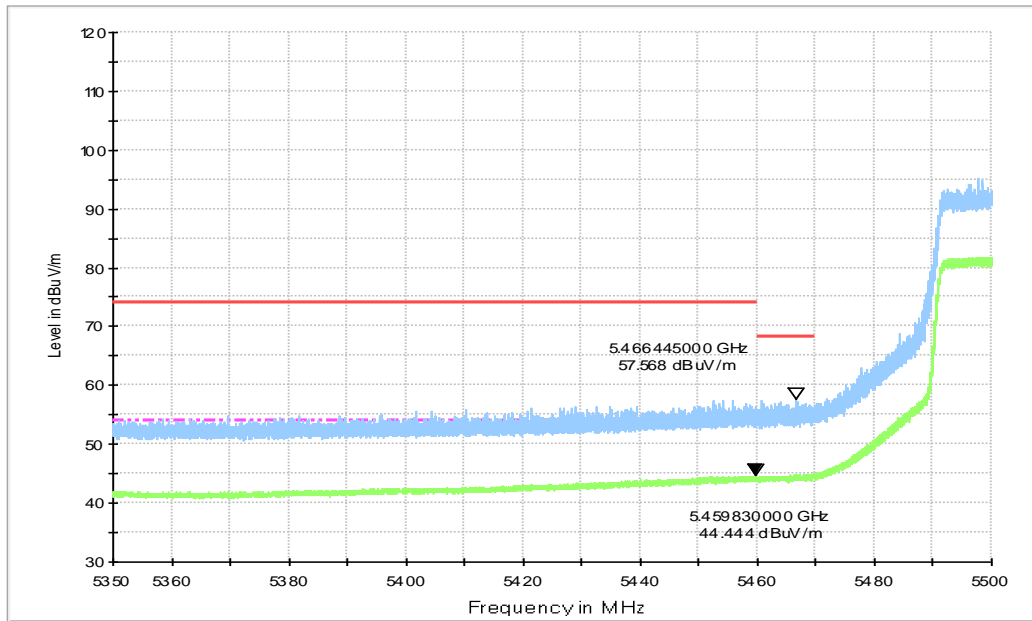
**Fig.63 Band Edges (802.11ax-HT80, 5530MHz)**



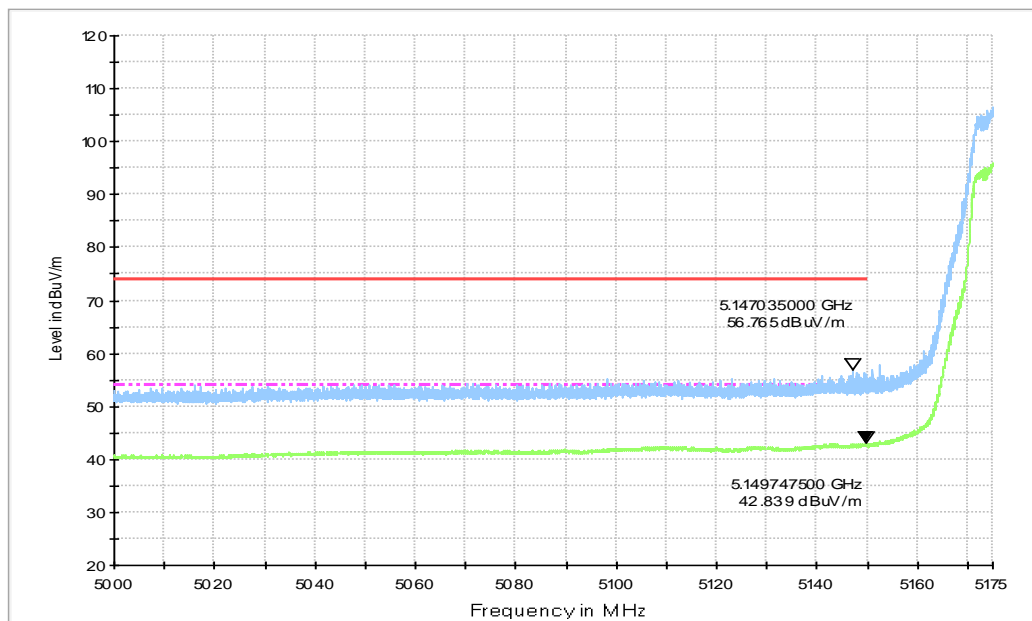
**Fig.64 Band Edges (802.11ax-HT160, 5250MHz)**



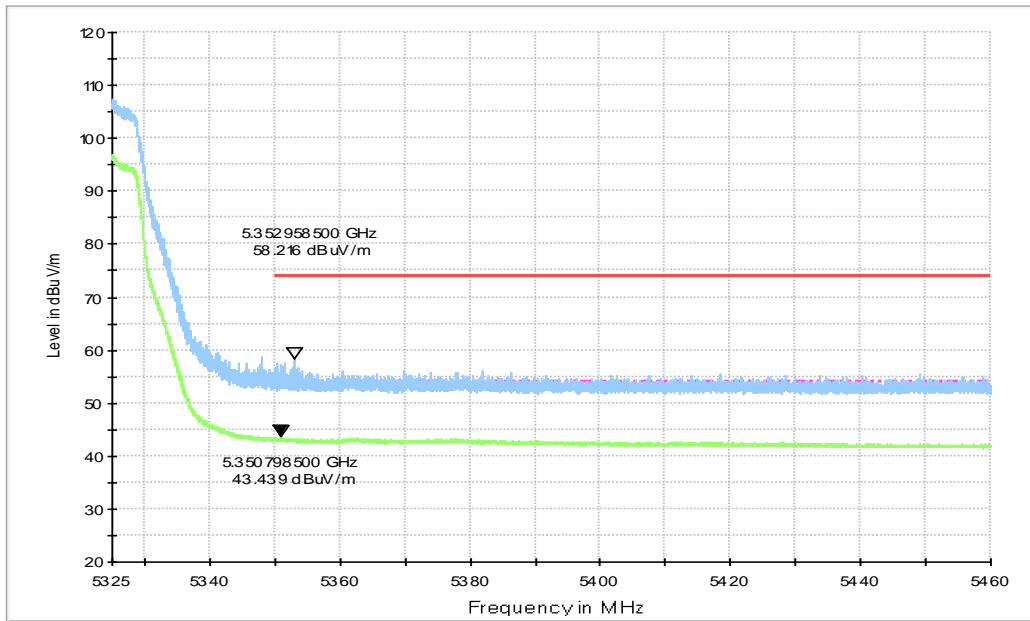
**Fig.65 Band Edges (802.11ax-HT160, 5250MHz)**



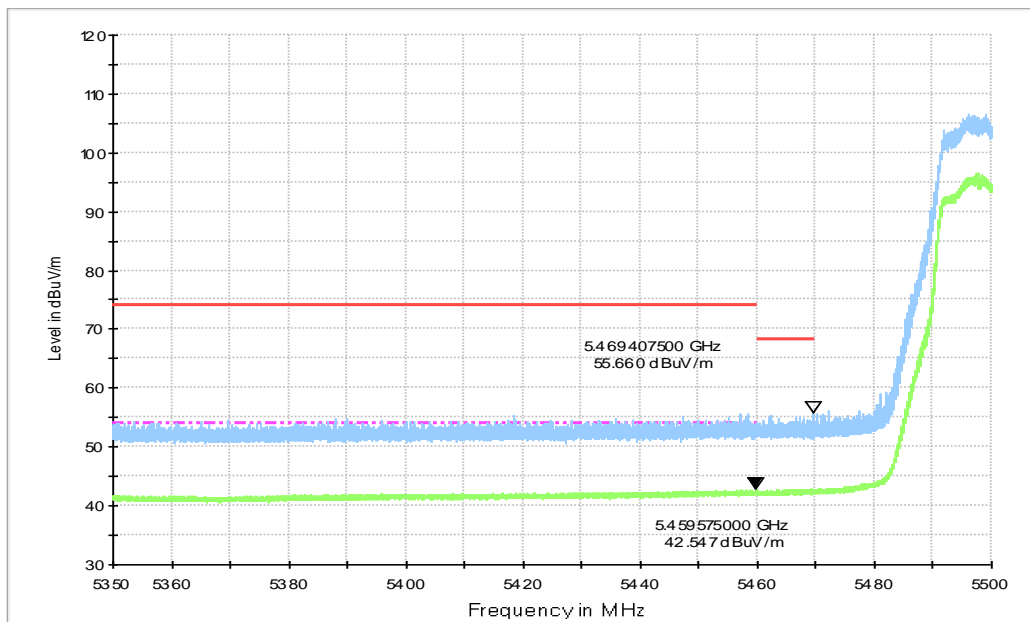
**Fig.66 Band Edges (802.11ax-HT160, 5570MHz)**



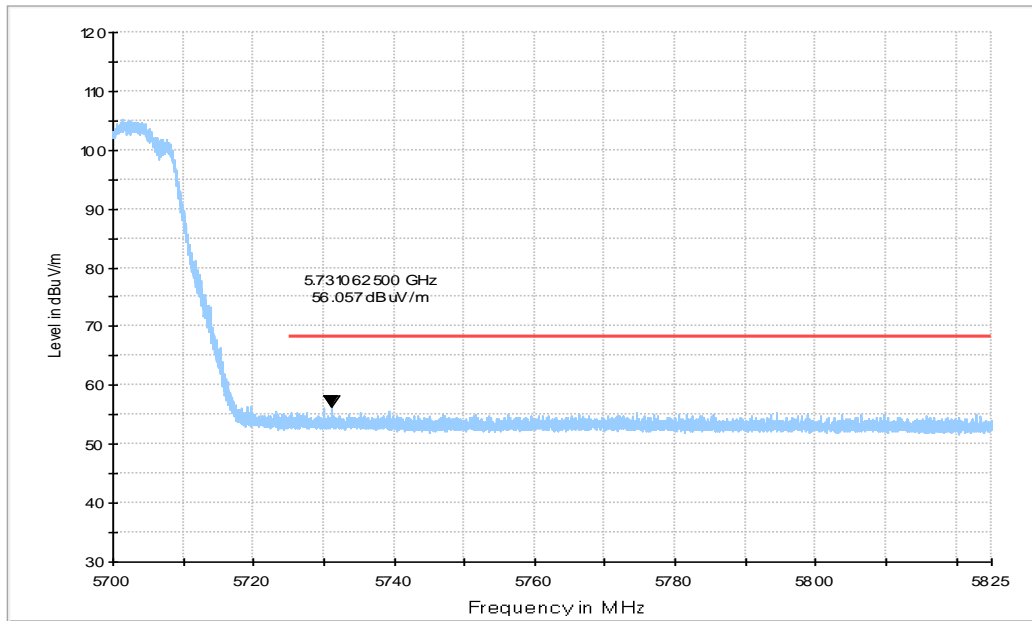
**Fig.67 Band Edges (802.11ac-HT20, 5180MHz)**



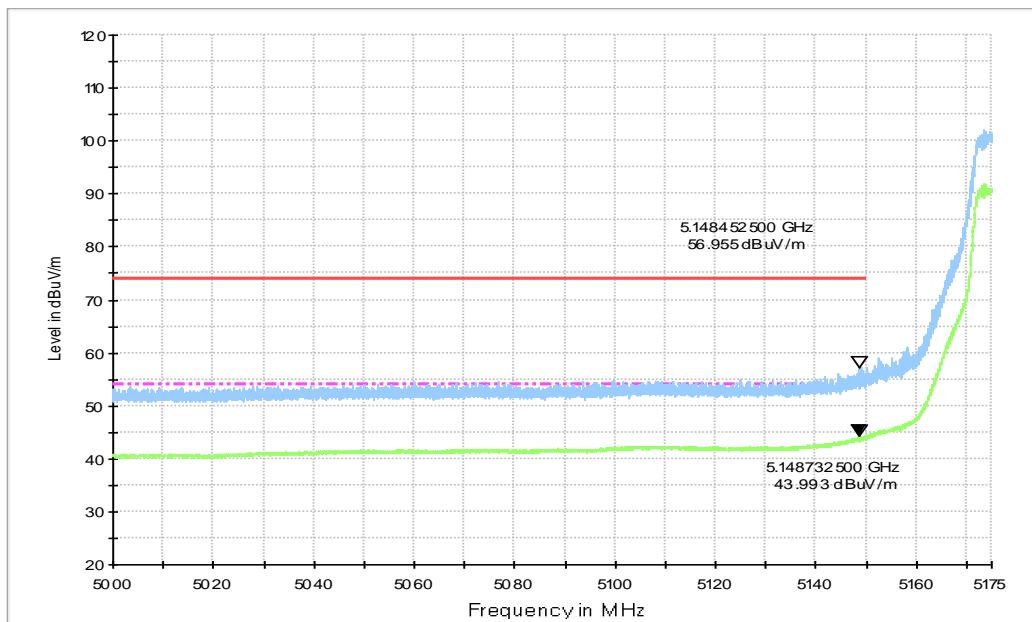
**Fig.68 Band Edges (802.11ac-HT20, 5320MHz)**



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

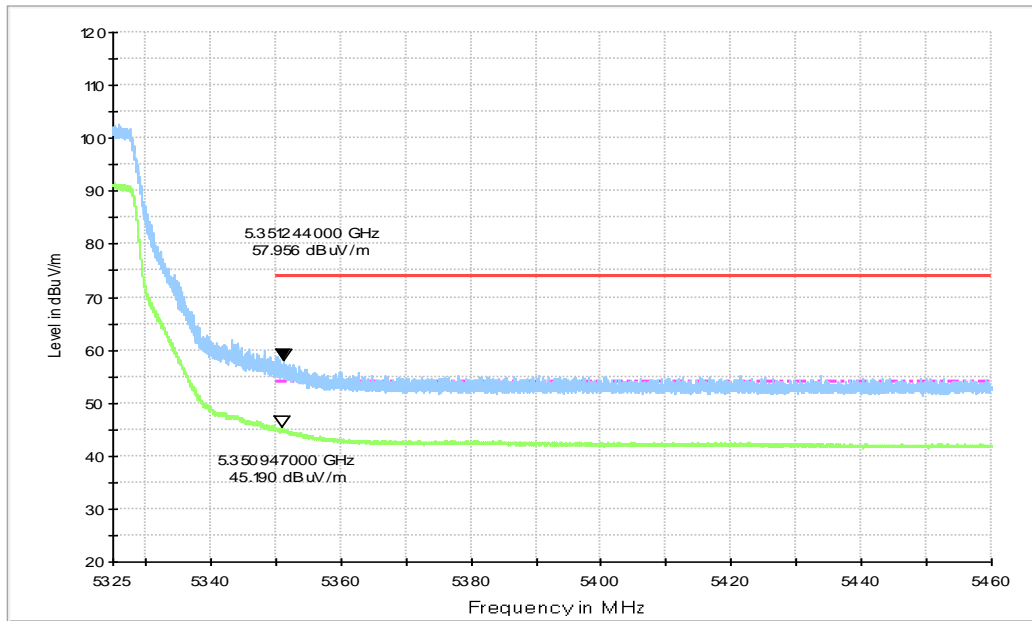


**Fig.70 Band Edges (802.11ac-HT20, 5700MHz)**

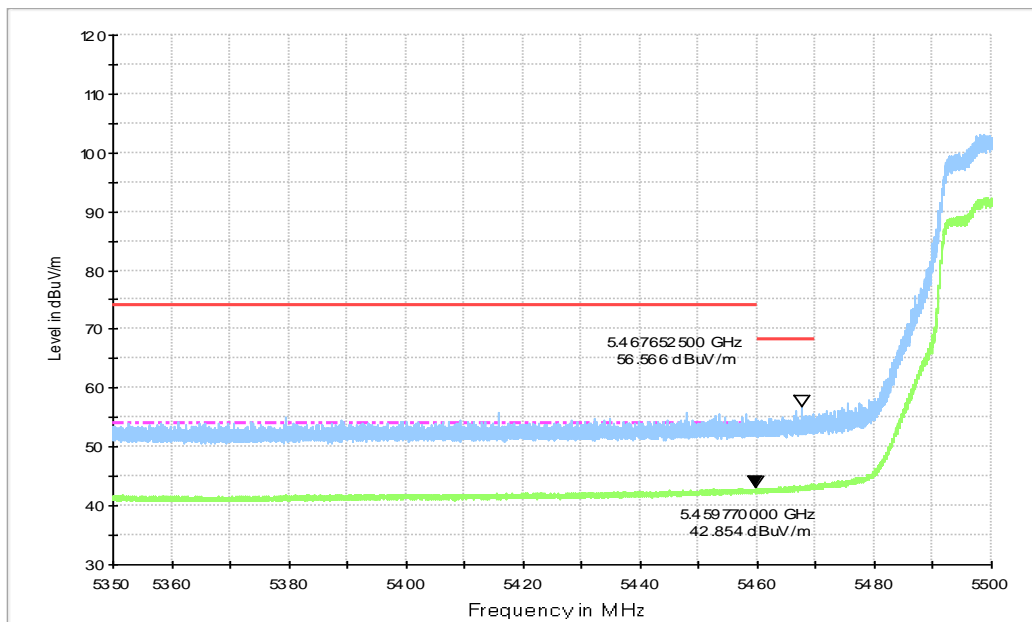


**Fig.71 Band Edges (802.11ac-HT40, 5190MHz)**

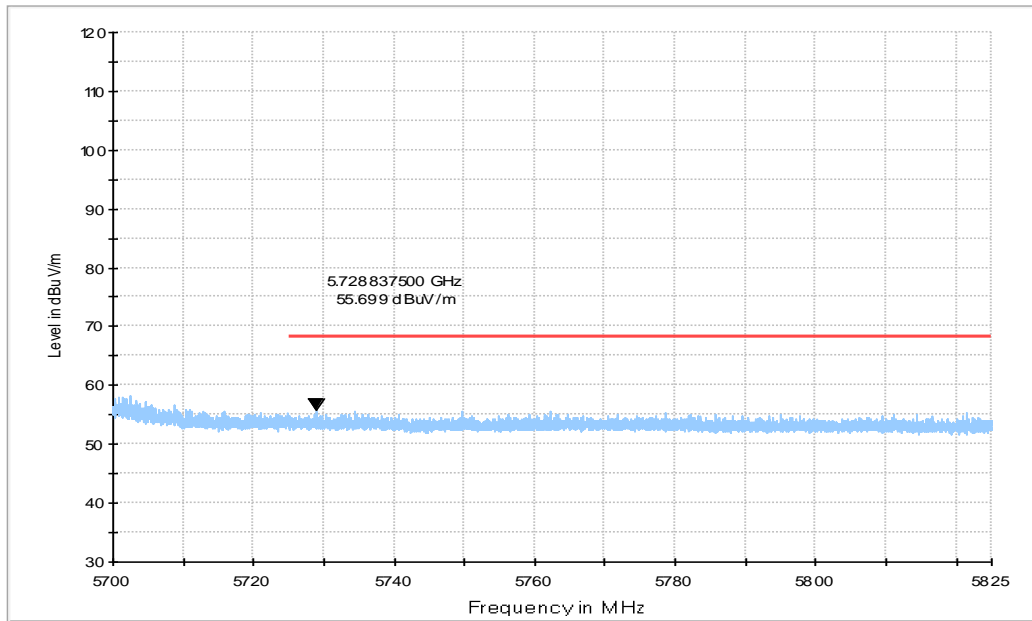




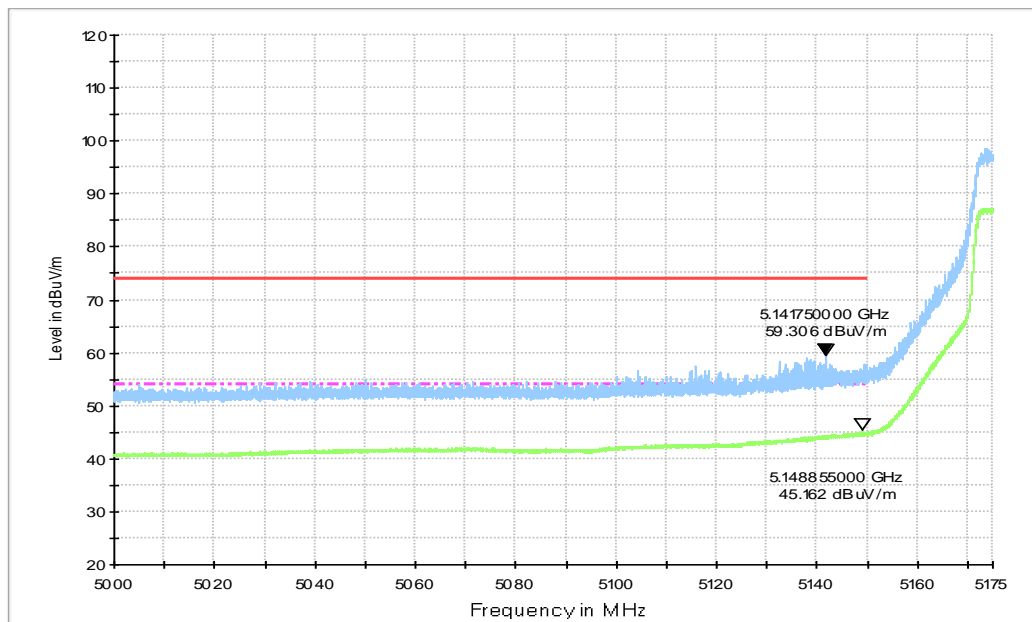
**Fig.72 Band Edges (802.11ac-HT40, 5310MHz)**



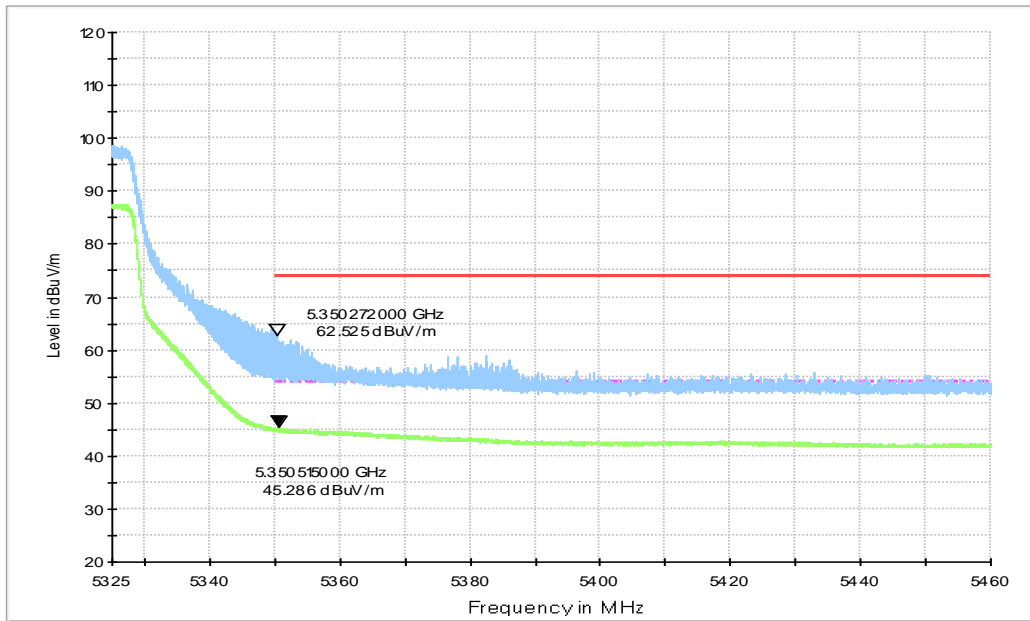
**Fig.73 Band Edges (802.11ac-HT40, 5510MHz)**



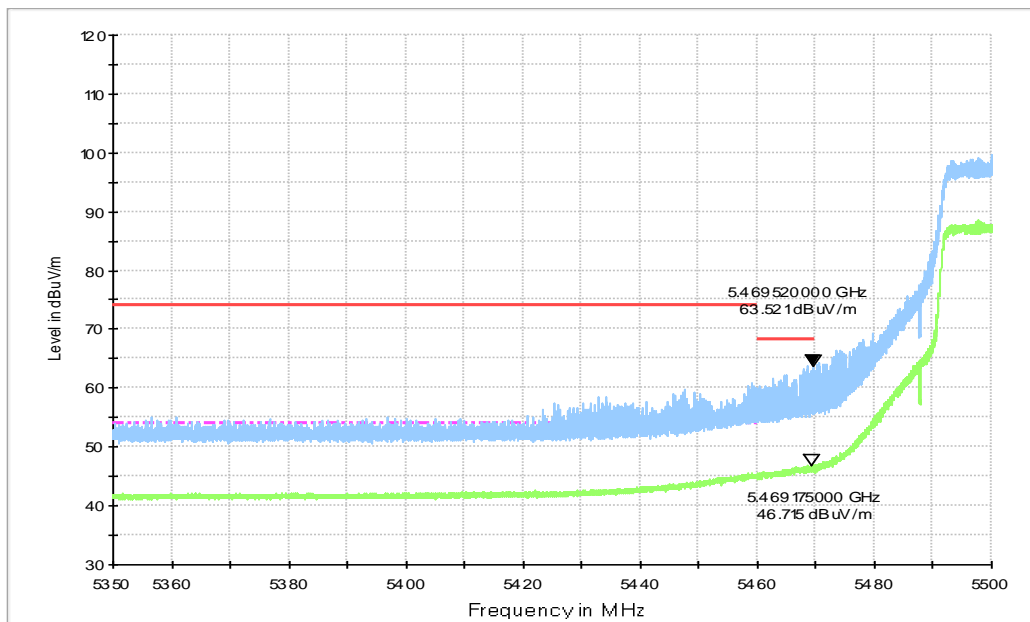
**Fig.74 Band Edges (802.11ac-HT40, 5670MHz)**



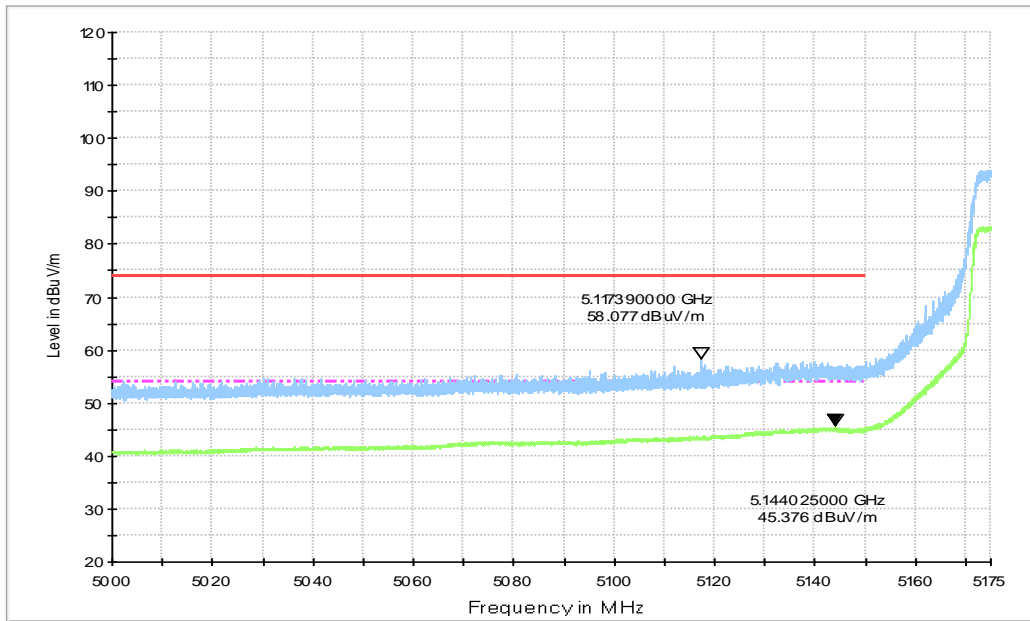
**Fig.75 Band Edges (802.11ac-HT80, 5210MHz)**



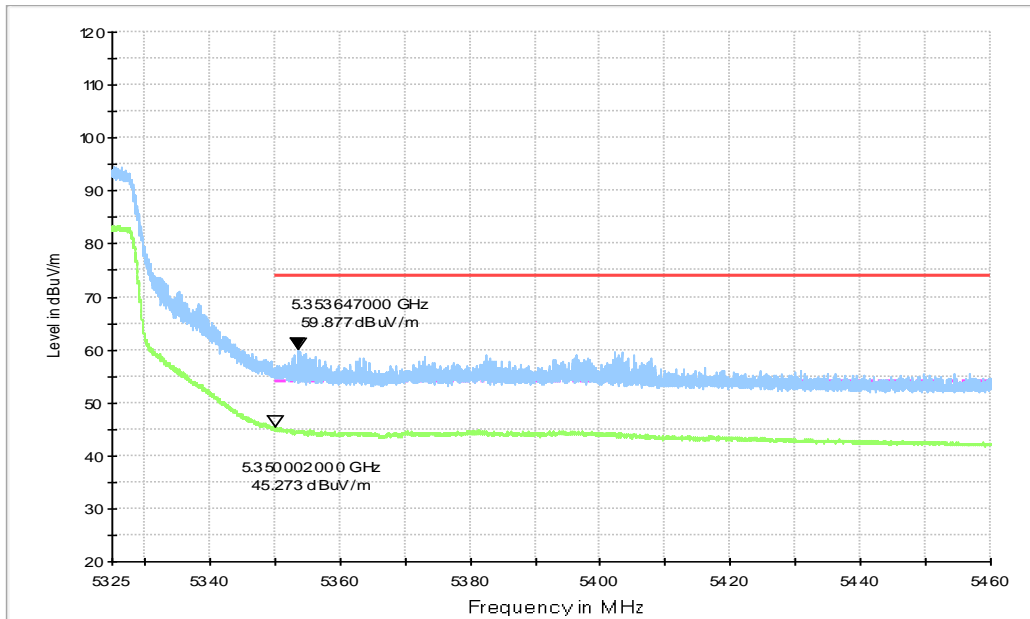
**Fig.76 Band Edges (802.11ac-HT80, 5290MHz)**



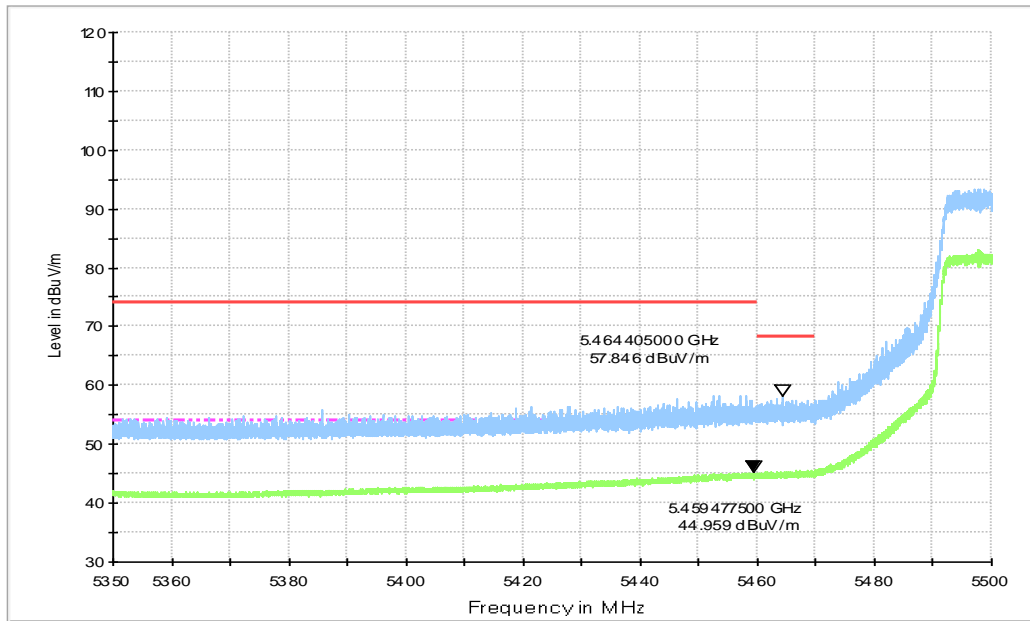
**Fig.77 Band Edges (802.11ac-HT80, 5530MHz)**



**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.

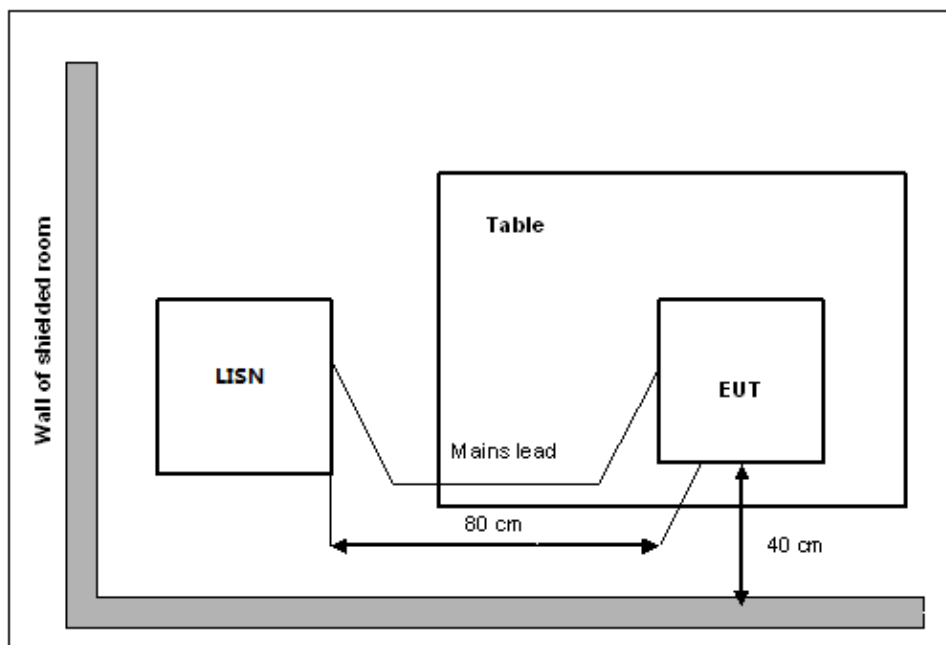
The measurement bandwidth is:

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 (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.C.2.1	Fig.C.2.2	<b>P</b>
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 (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	56 to 46	Fig.C.2.1	Fig.C.2.2	<b>P</b>
0.5 to 5	46			
5 to 30	50			

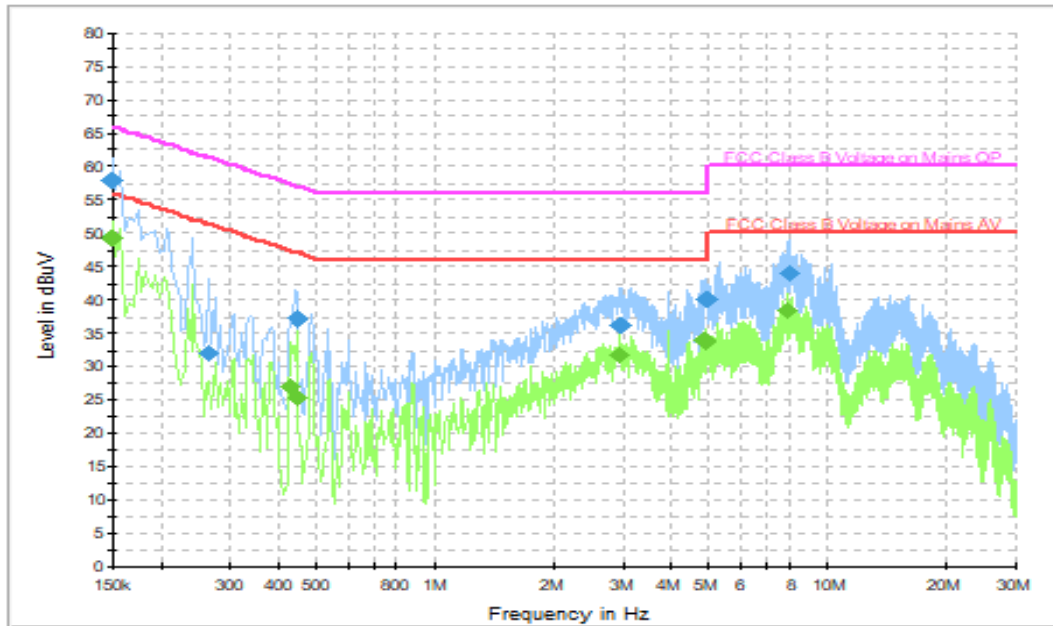
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

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**

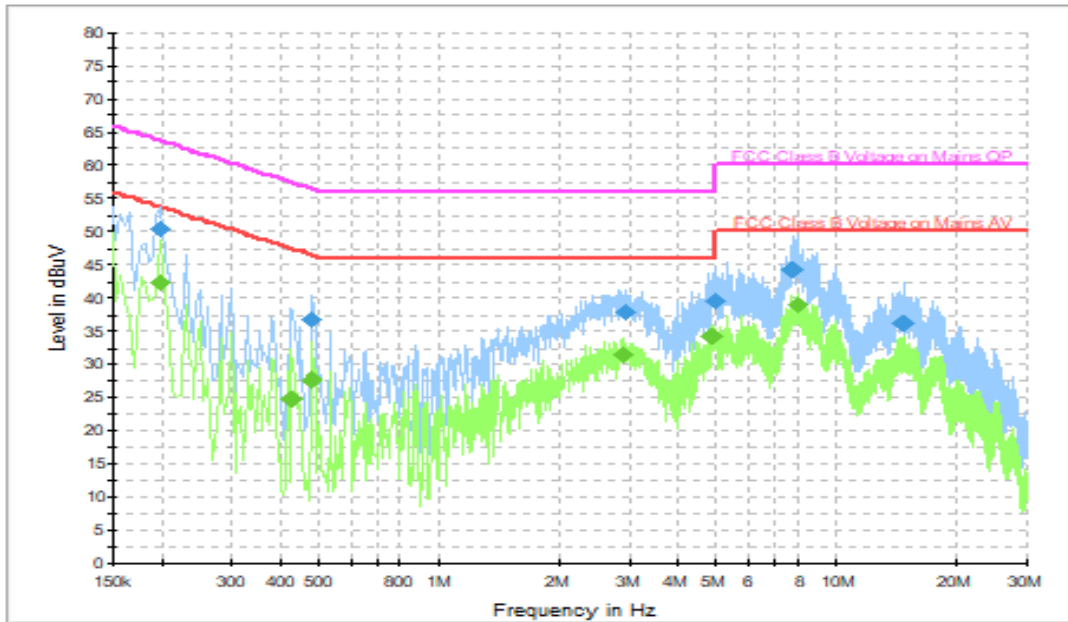
Frequency (MHz)	QuasiPeak (dB $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
0.150000	57.9	5000.	9.000	L1	20.0	8.1	66.0
0.266000	32.0	5000.	9.000	N	19.7	29.3	61.2
0.442000	37.2	5000.	9.000	L1	19.7	19.8	57.0
2.966000	36.3	5000.	9.000	L1	19.6	19.7	56.0
4.902000	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 (dB $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
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 $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ 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 $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ 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 \*\*\*