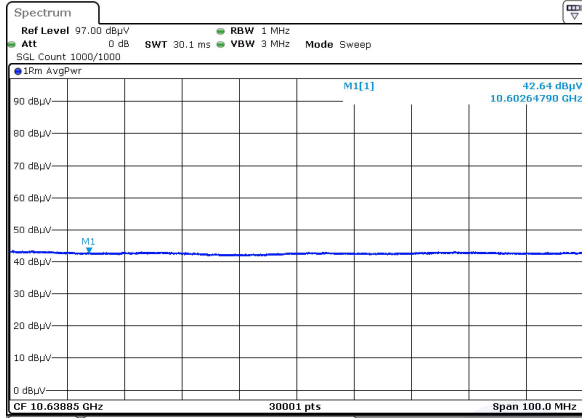
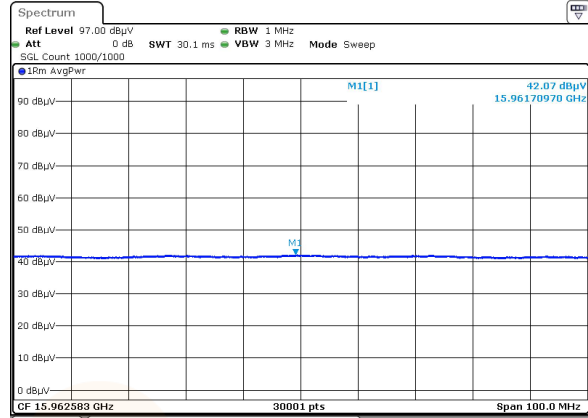


802.11ac_VHT40_Highest Channel (5 310 MHz)

Average data



Date: 26 SEP 2025 20:18:38



Date: 26 SEP 2025 20:18:30

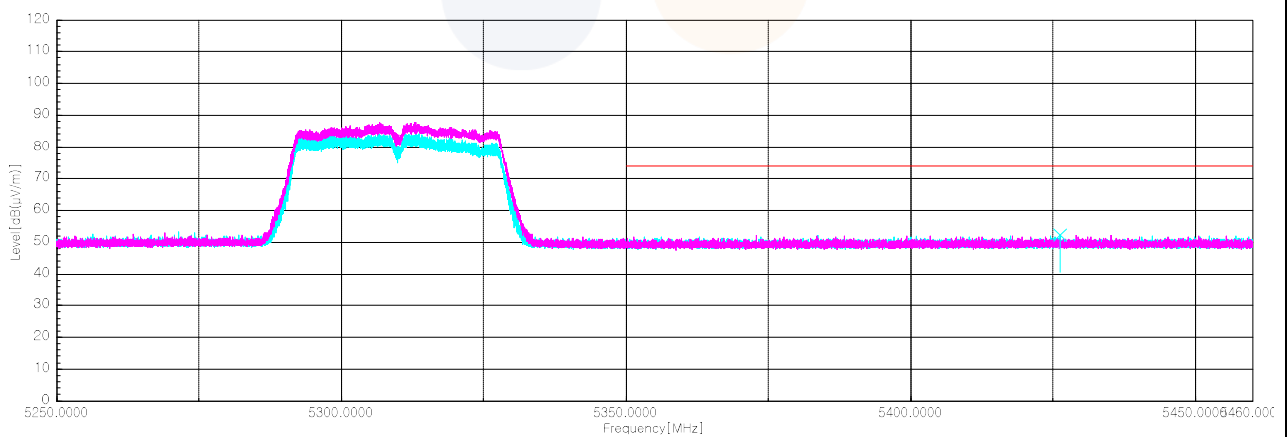
Average data



Date: 26 SEP 2025 15:38:35

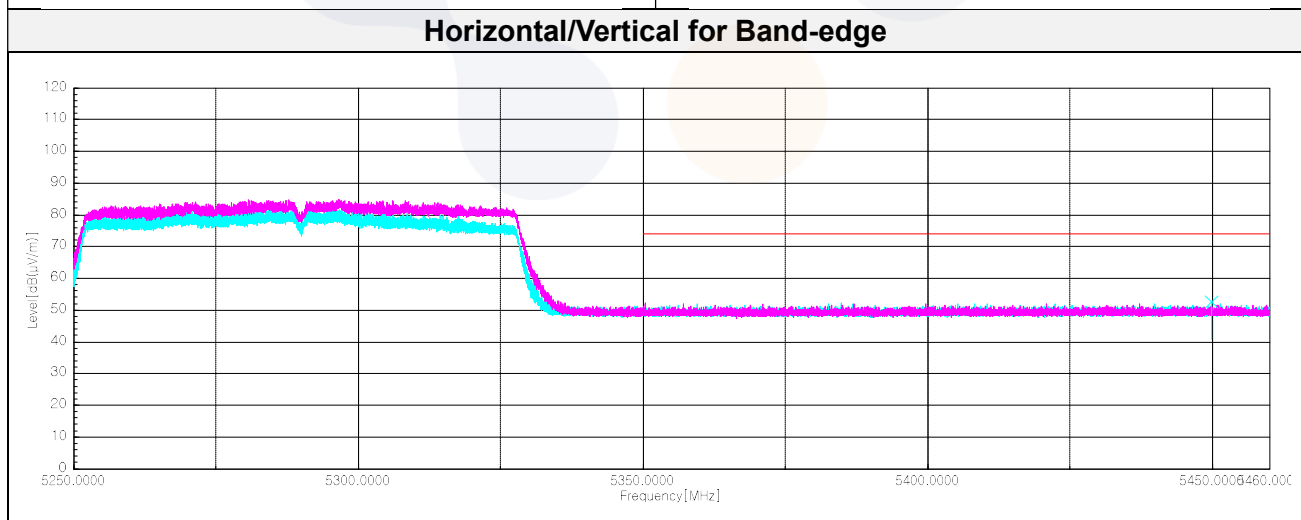
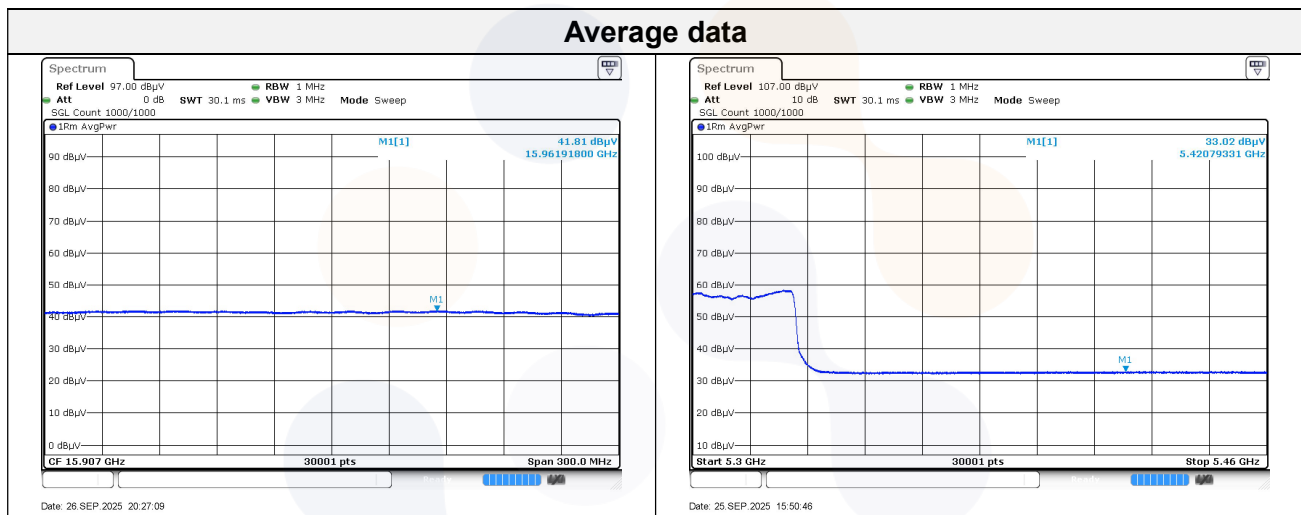
Blank

Horizontal/Vertical for Band-edge



802.11ac_VHT80_Middle Channel (5 290 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 420.79 ¹⁾	V	45.50	33.10	-26.18	-	52.42	74.00	21.58
10 555.67	V	54.50	38.81	-41.22	-	52.09	68.20	16.11
15 961.92 ¹⁾	V	52.70	38.20	-38.28	-	52.62	74.00	21.38
Average Data								
5 420.79 ¹⁾	V	33.02	33.10	-26.18	0.33	40.27	54.00	13.73
15 961.92 ¹⁾	V	41.81	38.20	-38.28	0.33	42.06	54.00	11.94

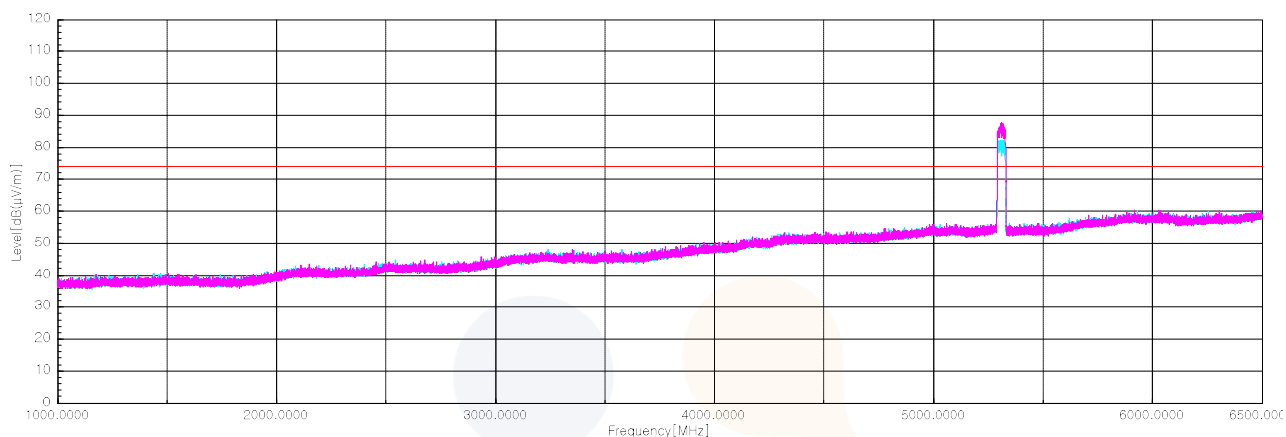


Plot of Harmonics and Spurious Emissions

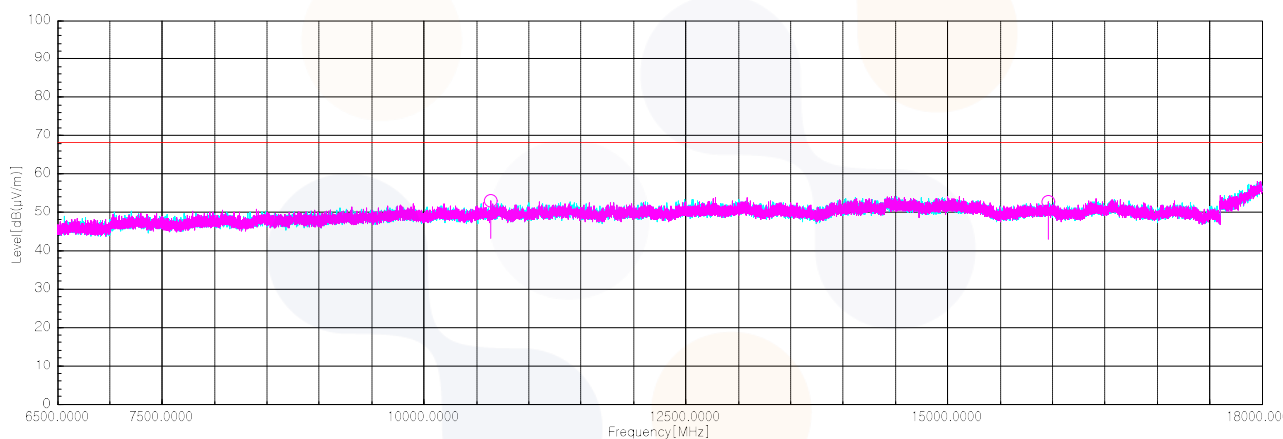
In order to simplify the report, attached plots were only the lowest margin condition

UNII 2A_802.11ac VHT40 High Channel (5 310 MHz)

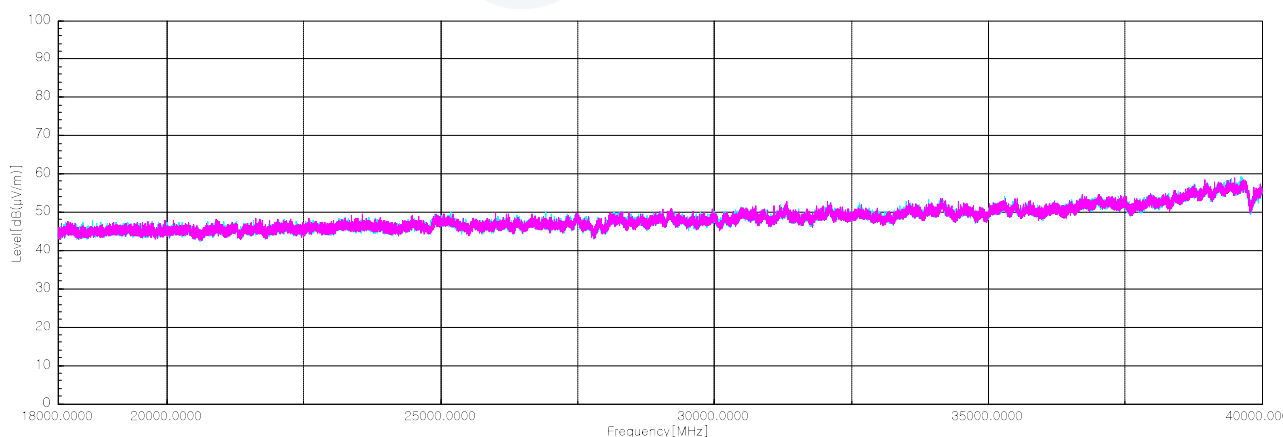
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



UNII 2C

802.11a_Lowest Channel (5 500 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 438.79 ¹⁾	H	45.20	33.10	-26.18	-	52.12	74.00	21.88
10 898.28 ¹⁾	V	54.30	38.80	-40.79	-	52.31	74.00	21.69
16 523.40	V	52.10	38.45	-37.65	-	52.90	68.20	15.30
Average Data								
5 438.79 ¹⁾	H	33.08	33.10	-26.18	-	40.00	54.00	14.00
10 898.28 ¹⁾	V	42.86	38.80	-40.79	-	40.87	54.00	13.13

802.11a_Middle Channel (5 600 MHz)

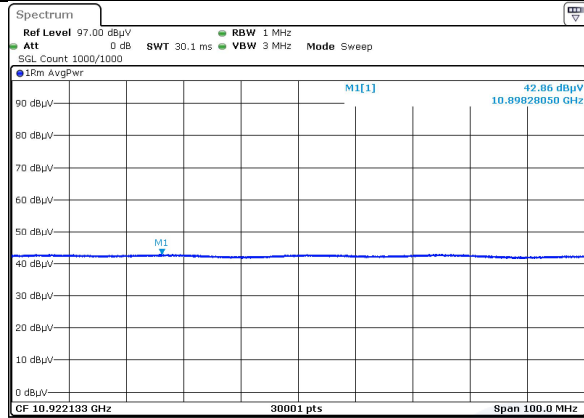
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 167.02 ¹⁾	H	53.90	38.70	-40.39	-	52.21	74.00	21.79
16 760.68	V	51.80	38.18	-37.10	-	52.88	68.20	15.32
Average Data								
11 167.02 ¹⁾	H	43.11	38.70	-40.39	-	41.42	54.00	12.58

802.11a_Highest Channel (5 700 MHz)

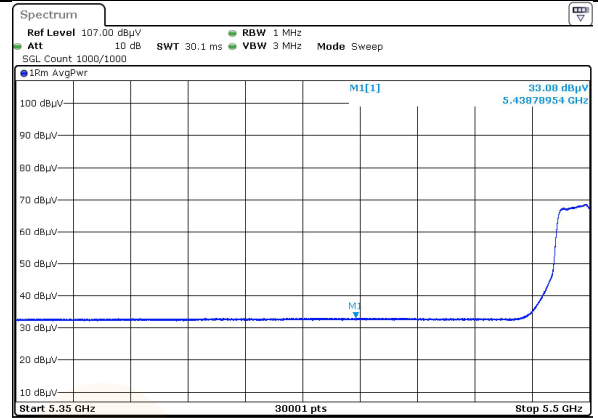
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 793.92	V	47.00	34.25	-25.62	-	55.63	68.20	12.57
11 401.39 ¹⁾	V	54.60	38.90	-40.52	-	52.98	74.00	21.02
17 098.02	H	51.70	38.10	-36.61	-	53.19	68.20	15.01
Average Data								
11 401.39 ¹⁾	V	43.66	38.90	-40.52	-	42.04	54.00	11.96

802.11a_Lowest Channel (5 500 MHz)

Average data

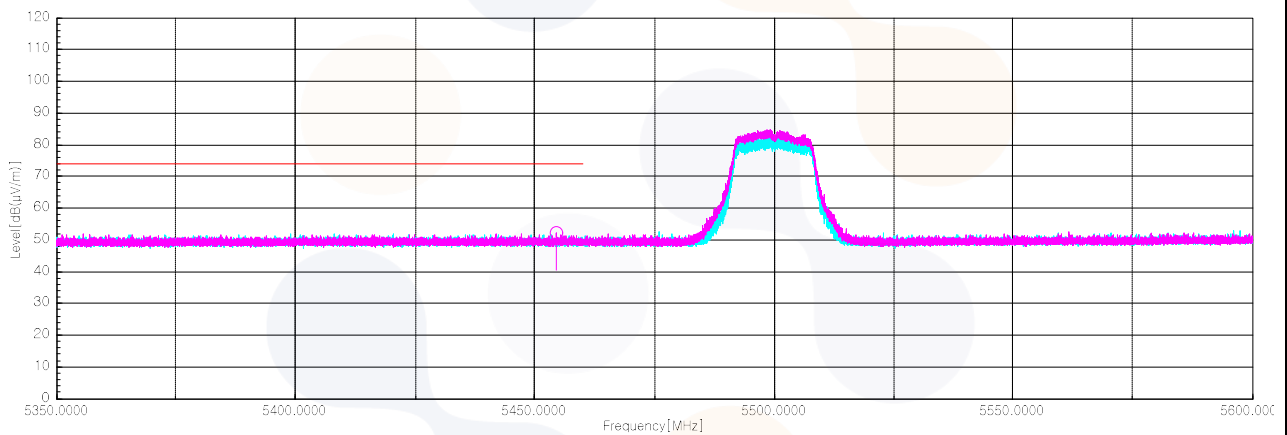


Date: 26 SEP 2025 20:36:59



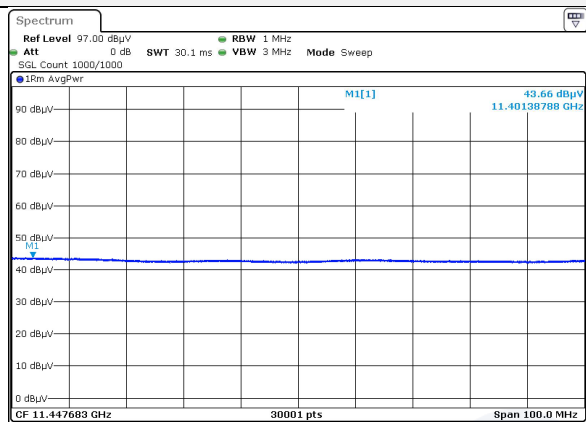
Date: 25 SEP 2025 16:03:00

Horizontal/Vertical for Band-edge



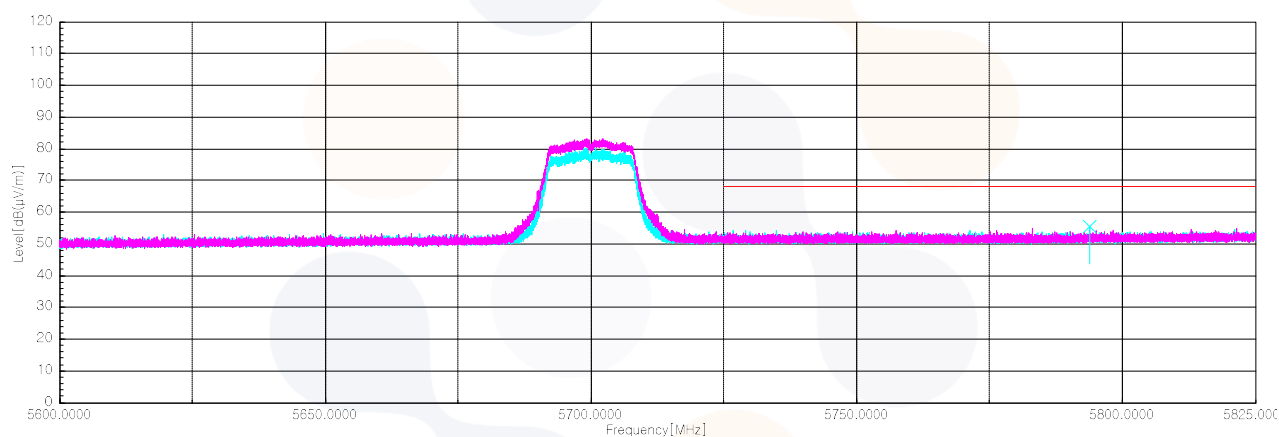
Highest Channel (5 700 MHz)

Average data



Blank

Horizontal/Vertical for Band-edge



802.11n_HT20_Lowest Channel (5 500 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 401.52 ¹⁾	V	45.80	33.10	-26.19	-	52.71	74.00	21.29
11 121.91 ¹⁾	H	54.90	38.74	-40.45	-	53.19	74.00	20.81
16 548.32	H	53.30	38.50	-37.59	-	54.21	68.20	13.99
Average Data								
5 401.52 ¹⁾	V	33.00	33.10	-26.19	-	39.91	54.00	14.09
11 121.91 ¹⁾	H	43.06	38.74	-40.45	-	41.35	54.00	12.65

802.11n_HT20_Middle Channel (5 600 MHz)

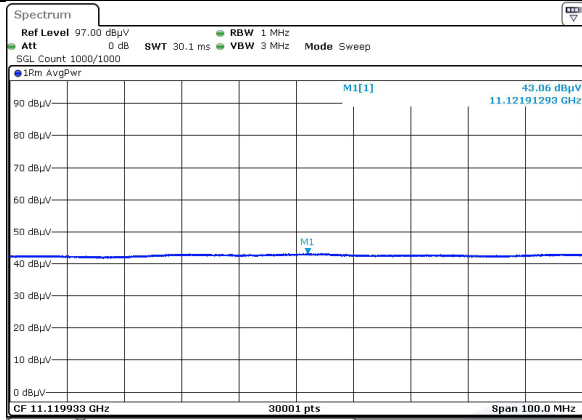
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 166.84 ¹⁾	H	53.70	38.70	-40.39	-	52.01	74.00	21.99
16 789.05	H	51.60	38.12	-37.09	-	52.63	68.20	15.57
Average Data								
11 166.84 ¹⁾	H	43.19	38.70	-40.39	-	41.50	54.00	12.50

802.11n_HT20_Highest Channel (5 700 MHz)

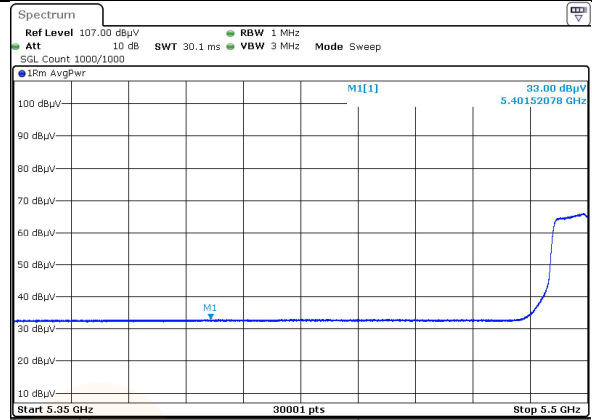
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 823.61	V	45.70	34.19	-25.59	-	54.30	68.20	13.90
11 352.91 ¹⁾	V	54.00	38.90	-40.44	-	52.46	74.00	21.54
17 185.03	V	51.30	38.17	-36.23	-	53.24	68.20	14.96
Average Data								
11 352.91 ¹⁾	V	43.49	38.90	-40.44	-	41.95	54.00	12.05

802.11n_HT20_Lowest Channel (5 500 MHz)

Average data

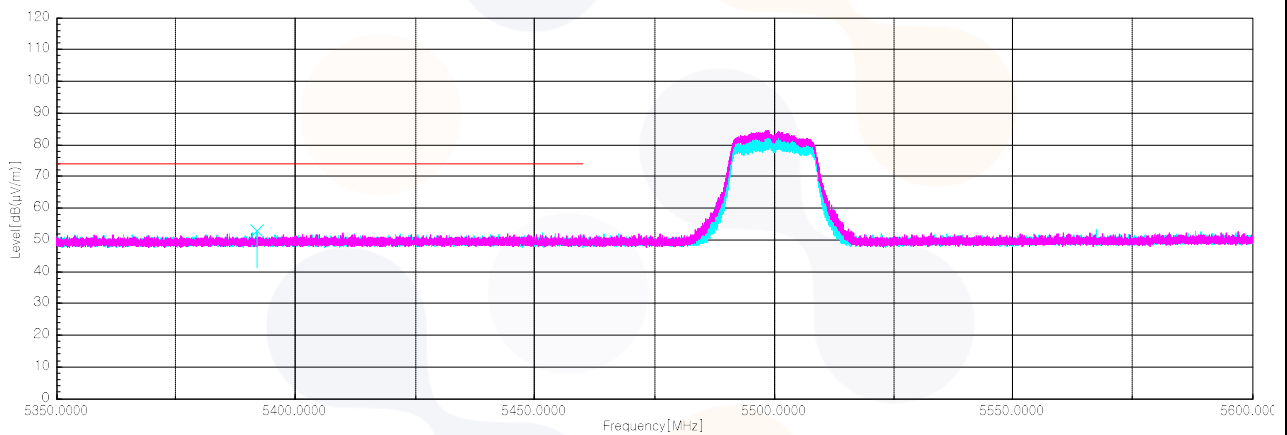


Date: 27 SEP 2025 12:26:42



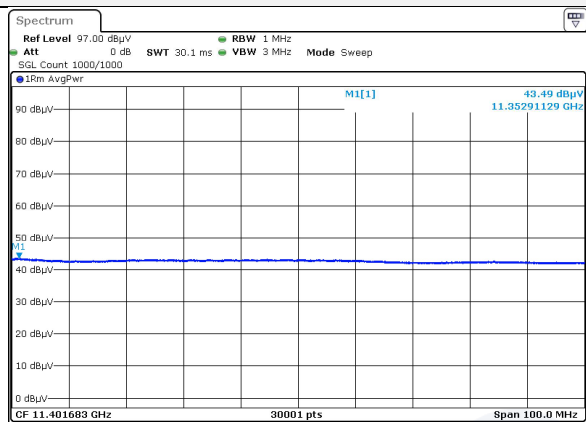
Date: 25 SEP 2025 16:13:28

Horizontal/Vertical for Band-edge



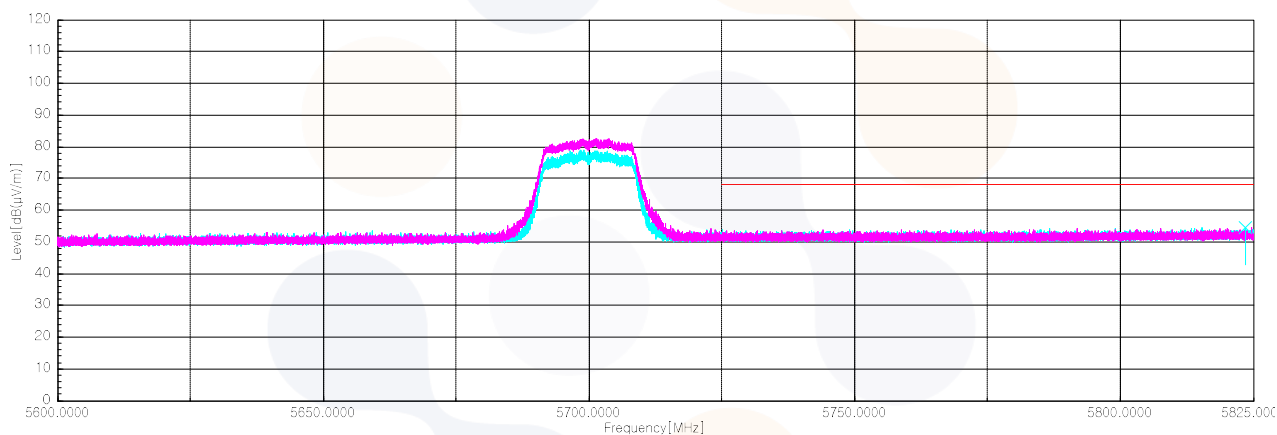
Highest Channel (5 700 MHz)

Average data



Blank

Horizontal/Vertical for Band-edge



802.11n_HT40_Lowest Channel (5 510 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 457.80 ¹⁾	H	45.70	33.10	-26.18	-	52.62	74.00	21.38
11 101.52 ¹⁾	V	53.50	38.70	-40.48	-	51.72	74.00	22.28
16 571.32	H	53.10	38.40	-37.54	-	53.96	68.20	14.24
Average Data								
5 457.80 ¹⁾	H	33.05	33.10	-26.18	0.17	40.14	54.00	13.86
11 101.52 ¹⁾	V	42.74	38.70	-40.48	0.17	41.13	54.00	12.87

802.11n_HT40_Middle Channel (5 590 MHz)

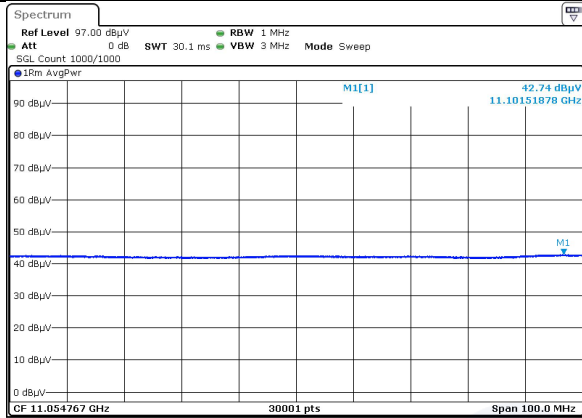
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 121.69 ¹⁾	H	53.40	38.74	-40.45	-	51.69	74.00	22.31
16 731.93	H	51.30	38.30	-37.14	-	52.46	68.20	15.74
Average Data								
11 121.69 ¹⁾	H	43.00	38.74	-40.45	0.17	41.46	54.00	12.54

802.11n_HT40_Highest Channel (5 670 MHz)

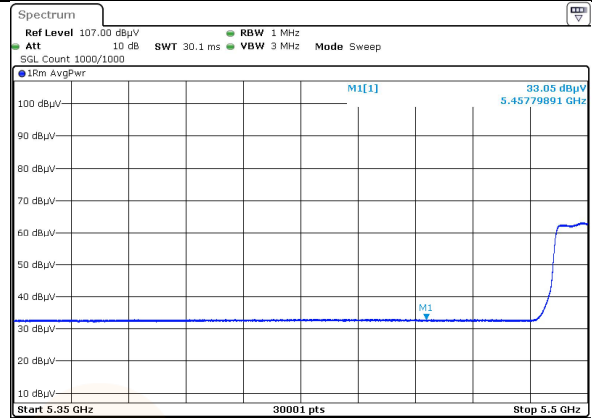
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 820.49	H	46.40	34.18	-25.59	-	54.99	68.20	13.21
11 327.69 ¹⁾	V	53.40	38.96	-40.40	-	51.96	74.00	22.04
17 041.28	H	50.30	37.90	-36.85	-	51.35	68.20	16.85
Average Data								
11 327.69 ¹⁾	V	43.49	38.96	-40.40	0.17	42.22	54.00	11.78

802.11n_HT40_Lowest Channel (5 510 MHz)

Average data

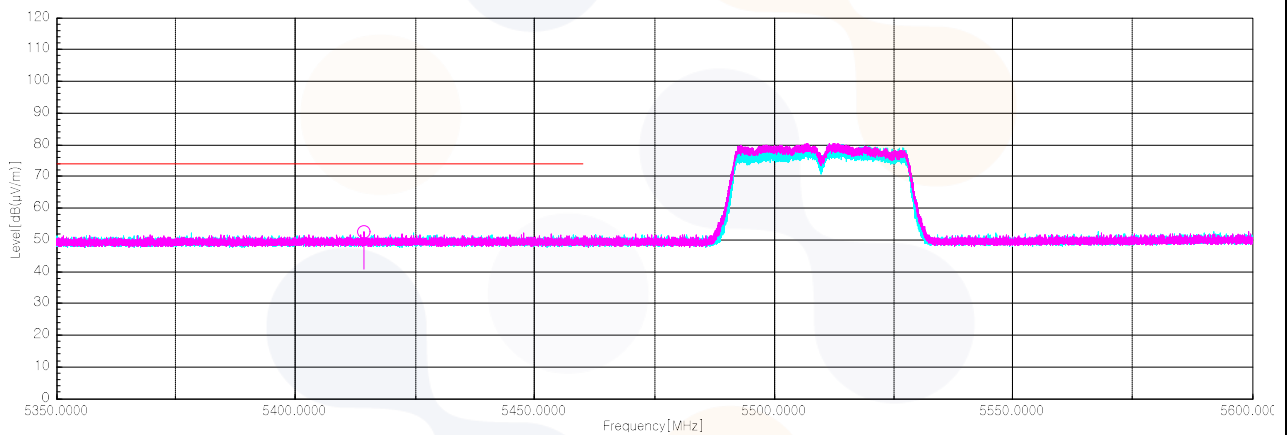


Date: 27 SEP 2025 13:00:32



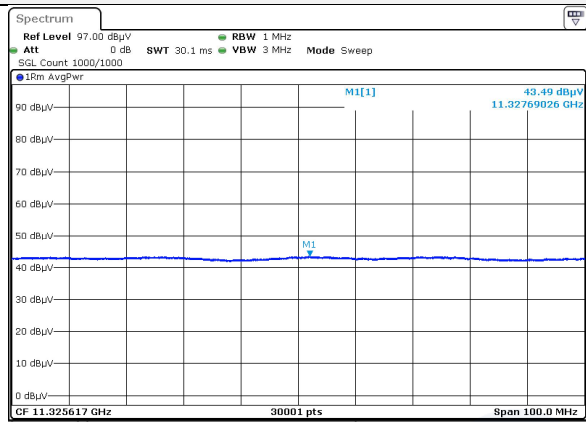
Date: 25 SEP 2025 16:29:57

Horizontal/Vertical for Band-edge



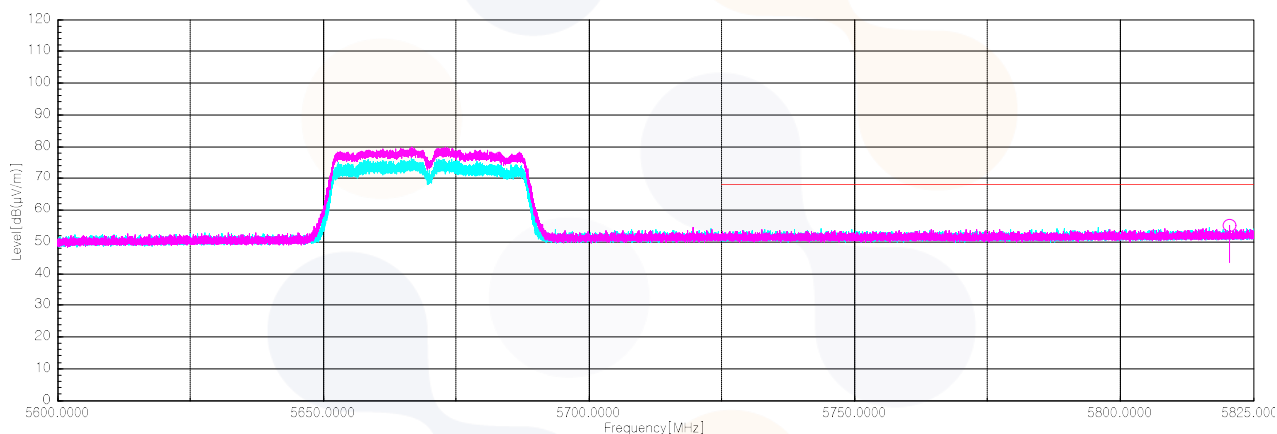
Highest Channel (5 670 MHz)

Average data



Blank

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Lowest Channel (5 500 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 430.63 ¹⁾	H	45.40	33.10	-26.18	-	52.32	74.00	21.68
10 900.13 ¹⁾	H	54.20	38.90	-40.79	-	52.31	74.00	21.69
16 595.85	H	53.00	38.40	-37.48	-	53.92	68.20	14.28
Average Data								
5 430.63 ¹⁾	H	33.02	33.10	-26.18	-	39.94	54.00	14.06
10 900.13 ¹⁾	H	43.05	38.90	-40.79	-	41.16	54.00	12.84

802.11ac_VHT20_Middle Channel (5 600 MHz)

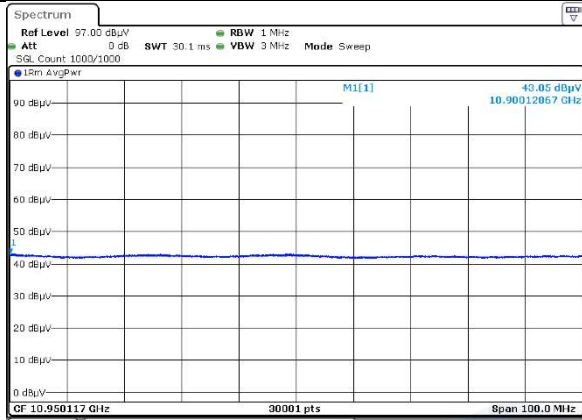
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 281.33 ¹⁾	H	53.60	38.86	-40.32	-	52.14	74.00	21.86
16 812.43	H	51.00	38.08	-37.08	-	52.00	68.20	16.20
Average Data								
11 281.33 ¹⁾	H	43.26	38.86	-40.32	-	41.80	54.00	12.20

802.11ac_VHT20_Highest Channel (5 700 MHz)

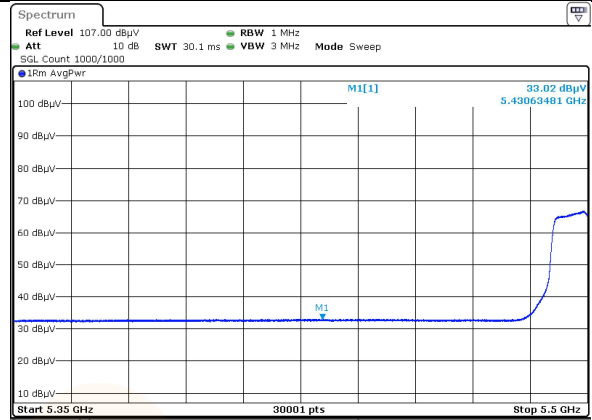
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 824.50	V	46.00	34.20	-25.59	-	54.61	68.20	13.59
11 399.03 ¹⁾	V	54.30	38.90	-40.51	-	52.69	74.00	21.31
17 135.58	V	50.60	38.00	-36.44	-	52.16	68.20	16.04
Average Data								
11 399.03 ¹⁾	V	43.34	38.90	-40.51	-	41.73	54.00	12.27

802.11ac_VHT20_Lowest Channel (5 500 MHz)

Average data

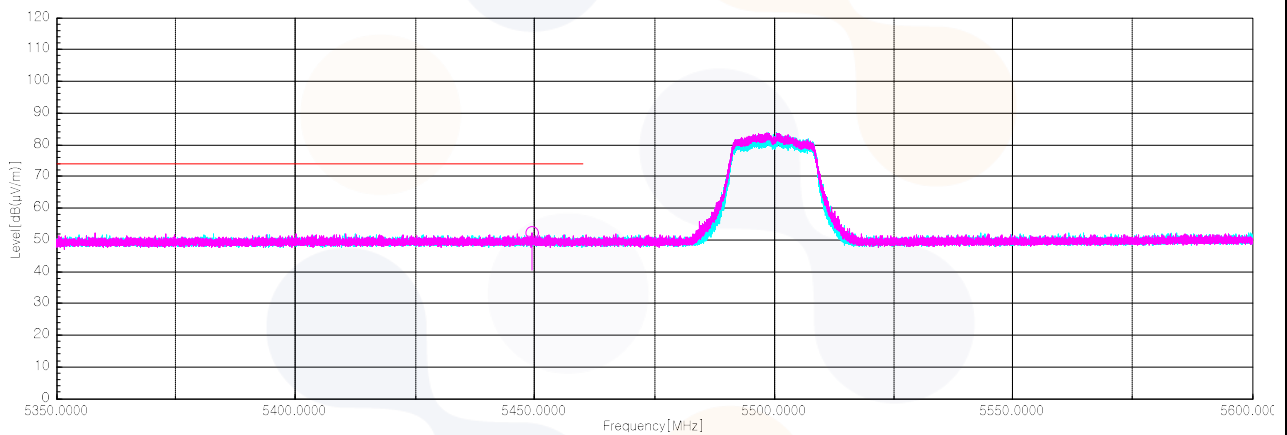


Date: 27 SEP 2025 14:21:50



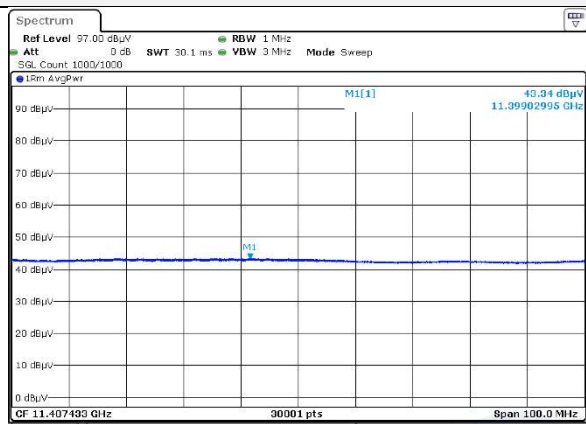
Date: 25 SEP 2025 16:39:41

Horizontal/Vertical for Band-edge



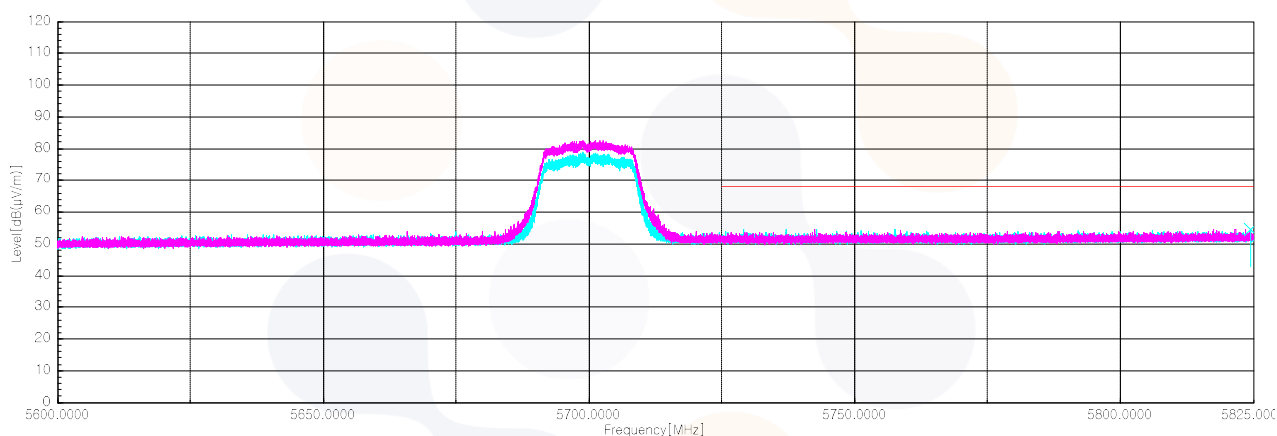
Highest Channel (5 700 MHz)

Average data



Blank

Horizontal/Vertical for Band-edge



802.11ac_VHT40_Lowest Channel (5 510 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 445.94 ¹⁾	H	45.40	33.10	-26.18	-	52.32	74.00	21.68
10 950.61 ¹⁾	H	53.50	38.80	-40.71	-	51.59	74.00	22.41
16 540.65	H	52.30	38.48	-37.61	-	53.17	68.20	15.03
Average Data								
5 445.94 ¹⁾	H	33.03	33.10	-26.18	0.17	40.12	54.00	13.88
10 950.61 ¹⁾	H	43.03	38.80	-40.71	0.17	41.29	54.00	12.71

802.11ac_VHT40_Middle Channel (5 590 MHz)

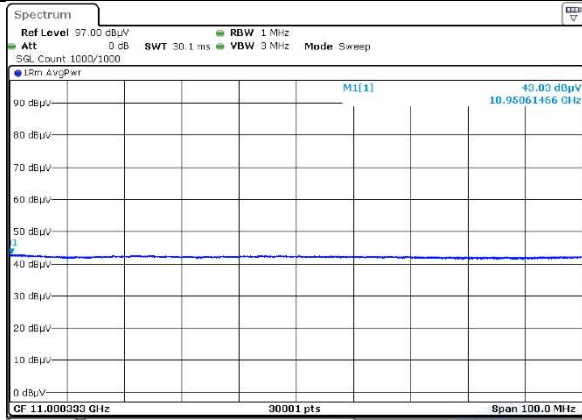
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 169.34 ¹⁾	V	53.60	38.70	-40.39	-	51.91	74.00	22.09
16 758.77	H	51.60	38.18	-37.10	-	52.68	68.20	15.52
Average Data								
11 169.34 ¹⁾	V	43.08	38.70	-40.39	0.17	41.56	54.00	12.44

802.11ac_VHT40_Highest Channel (5 670 MHz)

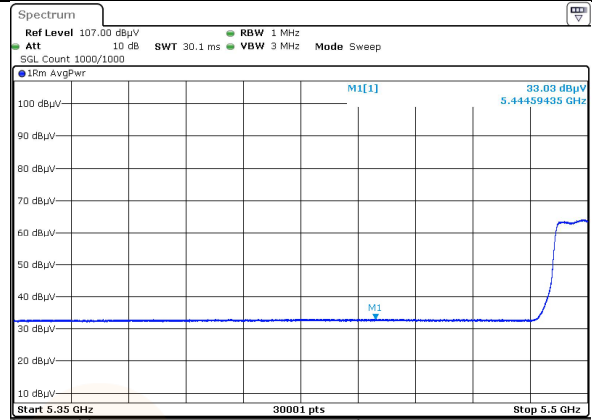
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 824.70	V	46.90	34.20	-25.59	-	55.51	68.20	12.69
11 350.11 ¹⁾	H	54.00	38.90	-40.43	-	52.47	74.00	21.53
17 025.57	H	50.70	37.90	-36.92	-	51.68	68.20	16.52
Average Data								
11 350.11 ¹⁾	H	43.60	38.90	-40.43	0.17	42.24	54.00	11.76

802.11ac_VHT40_Lowest Channel (5 510 MHz)

Average data

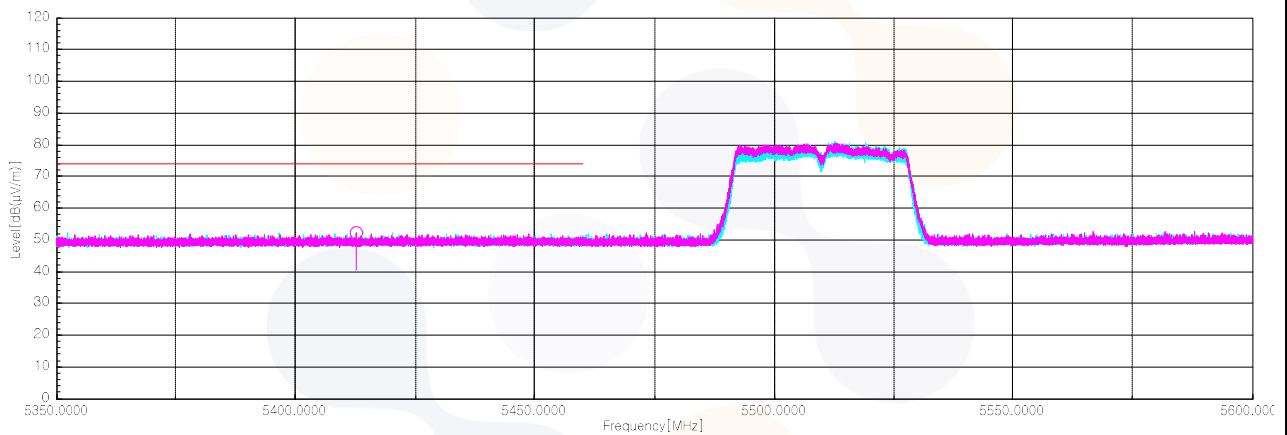


Date: 27 SEP 2025 14:52:05



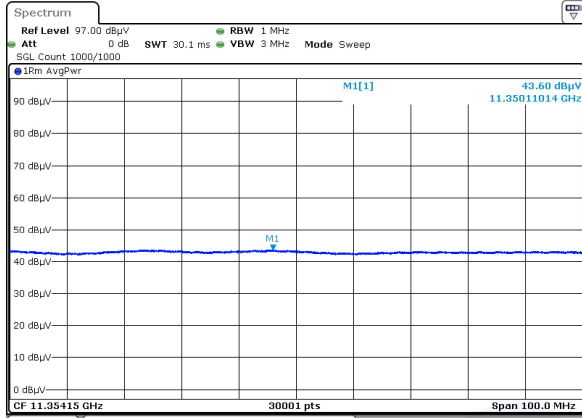
Date: 25 SEP 2025 16:49:46

Horizontal/Vertical for Band-edge



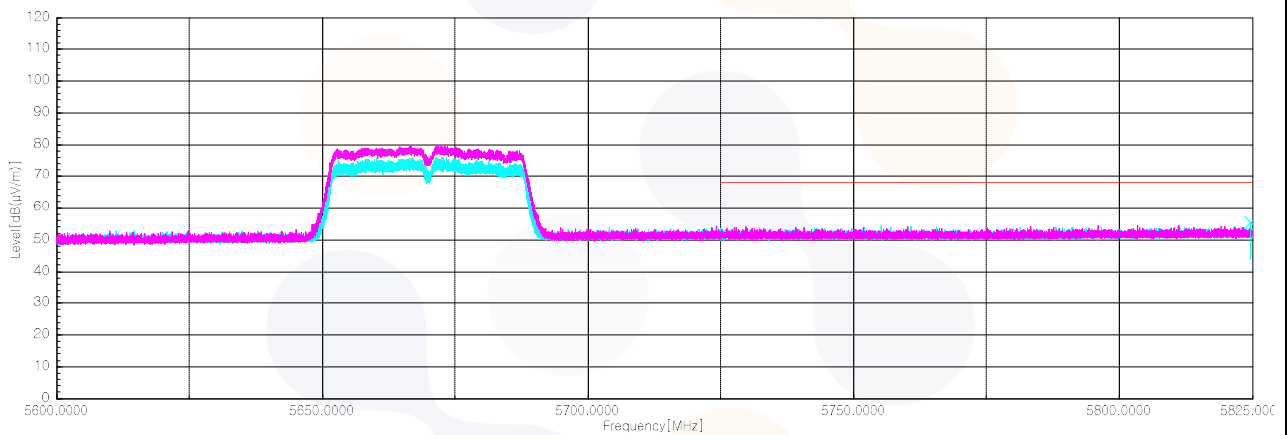
Highest Channel (5 670 MHz)

Average data



Blank

Horizontal/Vertical for Band-edge



802.11ac_VHT80_Lowest Channel (5 530 MHz)

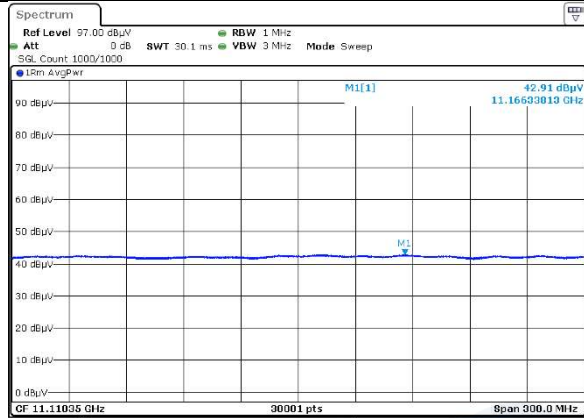
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 424.68 ¹⁾	V	45.50	33.10	-26.18	-	52.42	74.00	21.58
11 166.34 ¹⁾	H	54.80	38.70	-40.39	-	53.11	74.00	20.89
16 564.03	V	53.20	38.40	-37.55	-	54.05	68.20	14.15
Average Data								
5 424.68 ¹⁾	V	32.96	33.10	-26.18	0.33	40.21	54.00	13.79
11 166.34 ¹⁾	H	42.91	38.70	-40.39	0.33	41.55	54.00	12.45

802.11ac_VHT80_Highest Channel (5 610 MHz)

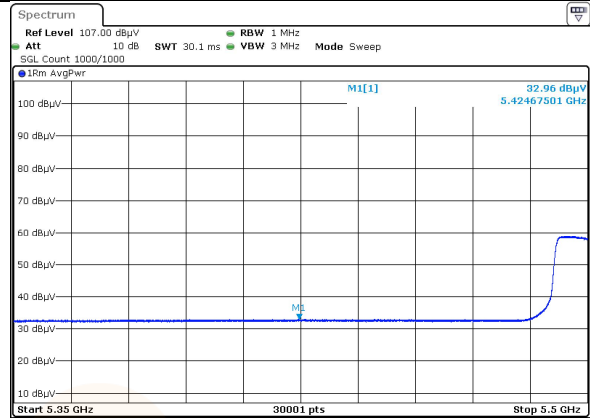
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 816.36	H	46.10	34.17	-25.60	-	54.67	68.20	13.53
11 328.29 ¹⁾	V	53.70	38.96	-40.40	-	52.26	74.00	21.74
16 809.75	V	50.90	38.08	-37.08	-	51.90	68.20	16.30
Average Data								
11 328.29 ¹⁾	V	43.46	38.96	-40.40	0.33	42.35	54.00	11.65

802.11ac_VHT80_Lowest Channel (5 530 MHz)

Average data



Date: 27 SEP 2025 15:23:38



Date: 25 SEP 2025 17:01:02

Horizontal/Vertical for Band-edge

