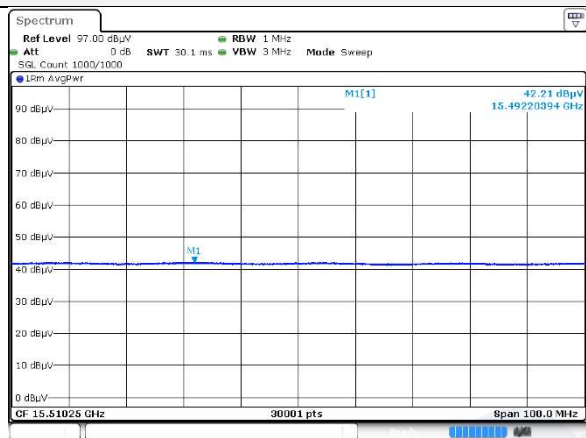
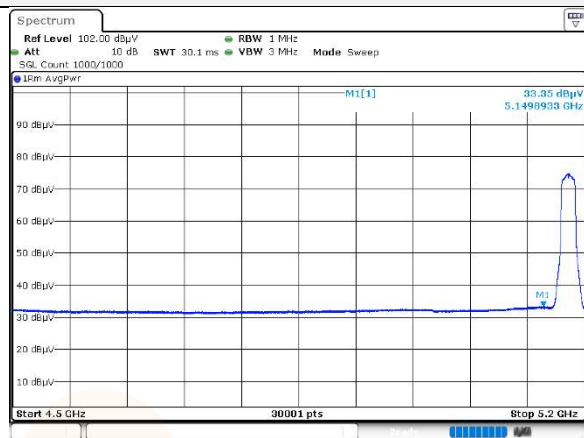


802.11n_HT20_Lowest Channel (5 180 MHz)

Average data

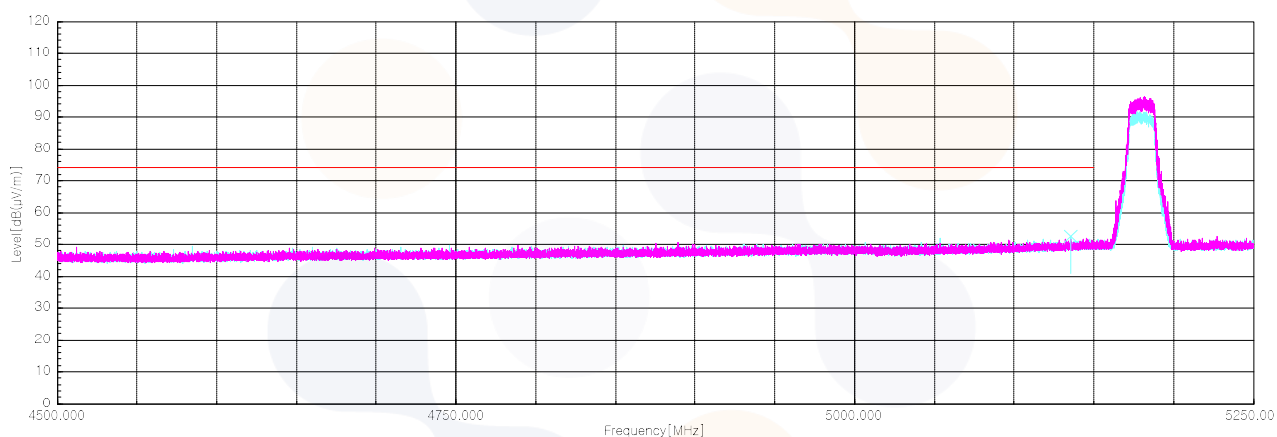


Date: 26 SEP 2025 12:21:01



Date: 24 SEP 2025 23:00:29

Horizontal/Vertical for Band-edge



802.11n_HT40_Lowest Channel (5 190 MHz)

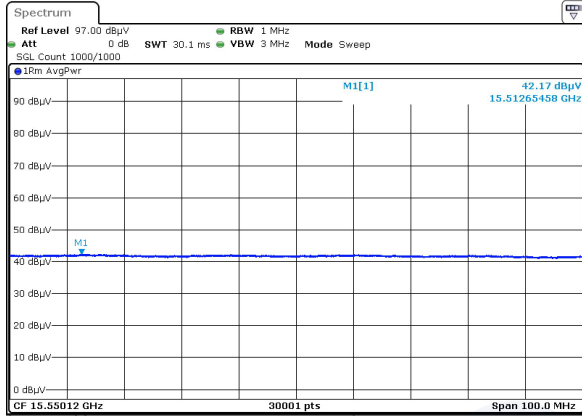
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 142.73 ¹⁾	V	45.40	33.39	-26.24	-	52.55	74.00	21.45
10 373.97	V	54.30	38.55	-41.32	-	51.53	68.20	16.67
15 512.65 ¹⁾	V	53.00	38.27	-39.40	-	51.87	74.00	22.13
Average Data								
5 142.73 ¹⁾	V	33.30	33.39	-26.24	0.17	40.62	54.00	13.38
15 512.65 ¹⁾	V	42.17	38.27	-39.40	0.17	41.21	54.00	12.79

802.11n_HT40_Highest Channel (5 230 MHz)

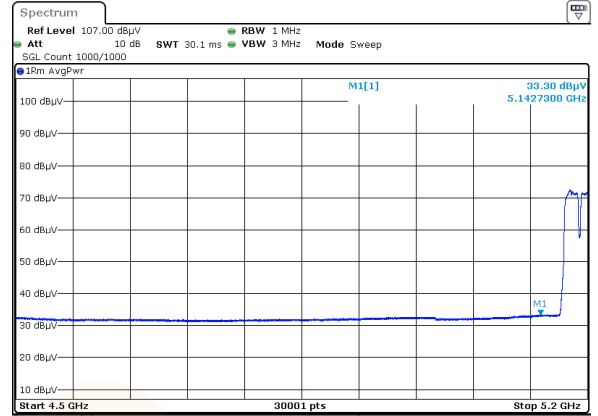
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 479.38	H	54.30	38.60	-41.28	-	51.62	68.20	16.58
15 692.98 ¹⁾	H	52.40	38.10	-38.73	-	51.77	74.00	22.23
Average Data								
15 692.98 ¹⁾	H	41.86	38.10	-38.73	0.17	41.40	54.00	12.60

802.11n_HT40_Lowest Channel (5 190 MHz)

Average data

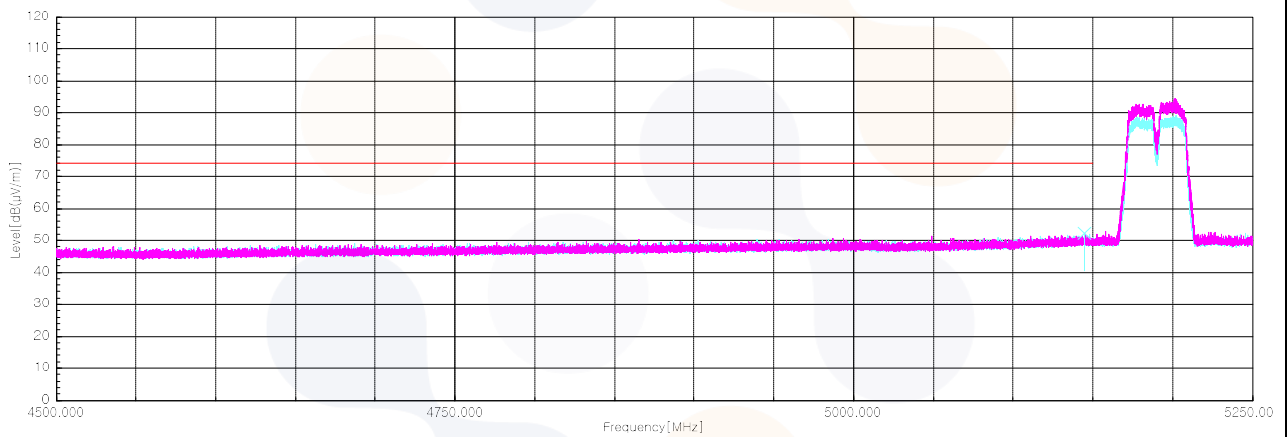


Date: 26 SEP 2025 13:55:06



Date: 24 SEP 2025 23:12:11

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Lowest Channel (5 180 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								
5 004.95 ¹⁾	H	44.50	33.11	-26.29	-	51.32	74.00	22.68
10 314.93	V	54.70	38.70	-41.34	-	52.06	68.20	16.14
15 535.17 ¹⁾	H	53.50	38.23	-39.32	-	52.41	74.00	21.59
Average Data								
5 004.95 ¹⁾	H	32.76	33.11	-26.29	-	39.58	54.00	14.42
15 535.17 ¹⁾	H	42.01	38.23	-39.32	-	40.92	54.00	13.08

802.11ac_VHT20_Middle Channel (5 200 MHz)

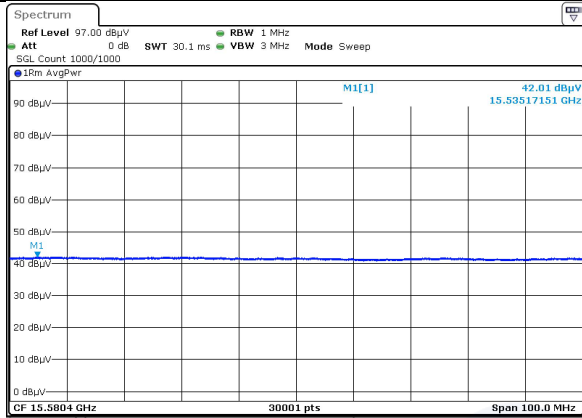
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 410.77	H	54.90	38.60	-41.31	-	52.19	68.20	16.01
15 696.73 ¹⁾	H	53.20	38.10	-38.72	-	52.58	74.00	21.42
Average Data								
15 696.73 ¹⁾	H	41.78	38.10	-38.72	-	41.16	54.00	12.84

802.11ac_VHT20_Highest Channel (5 240 MHz)

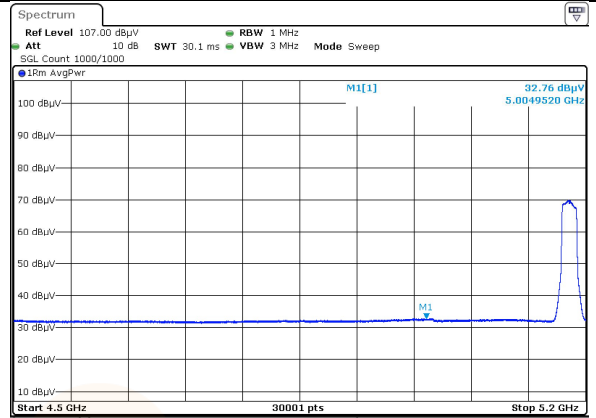
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 569.85	V	54.80	38.84	-41.20	-	52.44	68.20	15.76
15 718.04 ¹⁾	H	53.10	38.10	-38.64	-	52.56	74.00	21.44
Average Data								
15 718.04 ¹⁾	H	41.75	38.10	-38.64	-	41.21	54.00	12.79

802.11ac_VHT20_Lowest Channel (5 180 MHz)

Average data

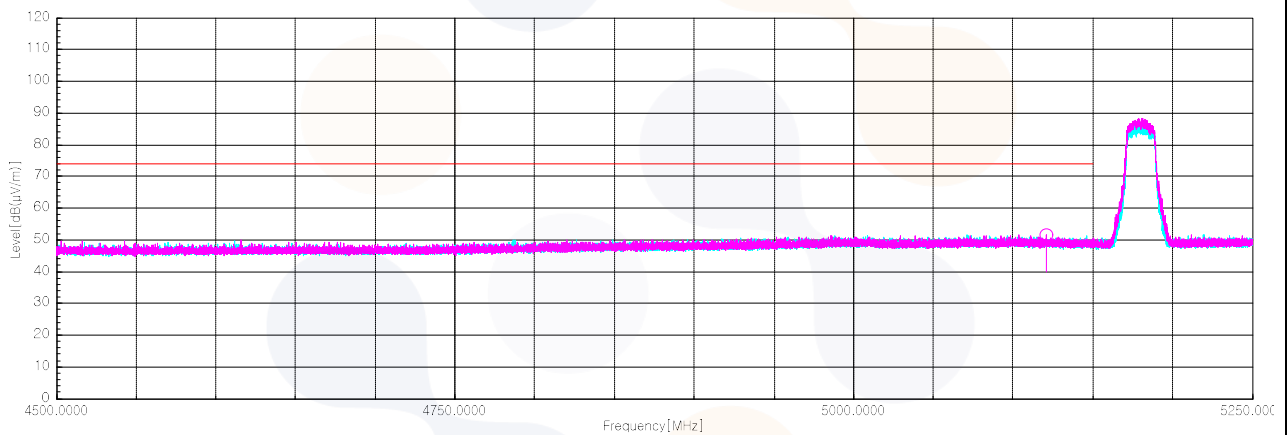


Date: 26 SEP 2025 14:13:20



Date: 25 SEP 2025 13:13:27

Horizontal/Vertical for Band-edge



802.11ac_VHT40_Lowest Channel (5 190 MHz)

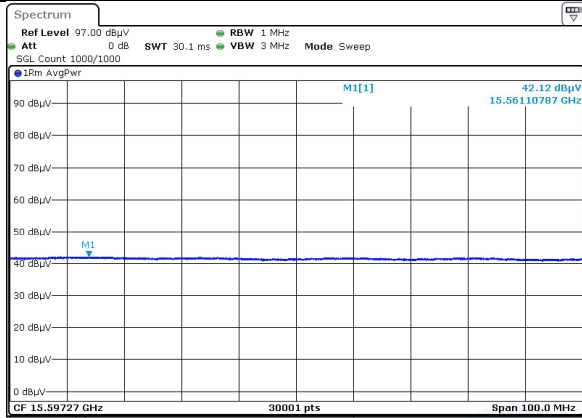
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 013.42 ¹⁾	H	44.80	33.13	-26.29	-	51.64	74.00	22.36
10 305.35	H	55.10	38.70	-41.35	-	52.45	68.20	15.75
15 561.11 ¹⁾	V	52.50	38.18	-39.22	-	51.46	74.00	22.54
Average Data								
5 013.42 ¹⁾	H	32.81	33.13	-26.29	0.17	39.82	54.00	14.18
15 561.11 ¹⁾	V	42.12	38.18	-39.22	0.17	41.25	54.00	12.75

802.11ac_VHT40_Highest Channel (5 230 MHz)

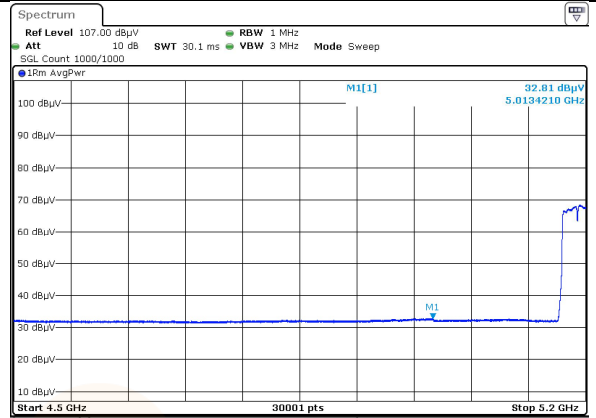
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 474.40	H	54.10	38.60	-41.28	-	51.42	68.20	16.78
15 694.99 ¹⁾	H	53.50	38.10	-38.72	-	52.88	74.00	21.12
Average Data								
15 694.99 ¹⁾	H	42.07	38.10	-38.72	0.17	41.62	54.00	12.38

802.11ac_VHT40_Lowest Channel (5 190 MHz)

Average data

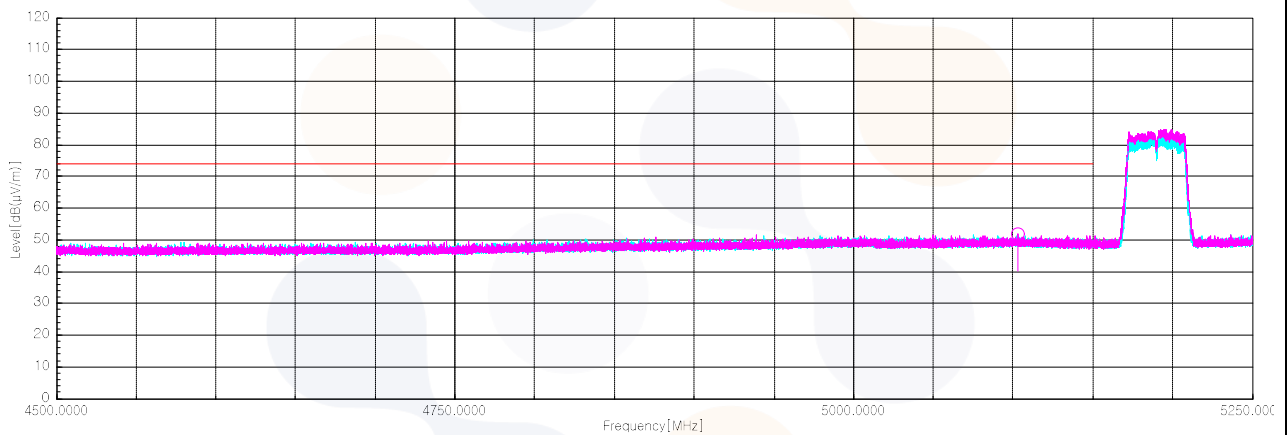


Date: 26 SEP 2025 14:37:18



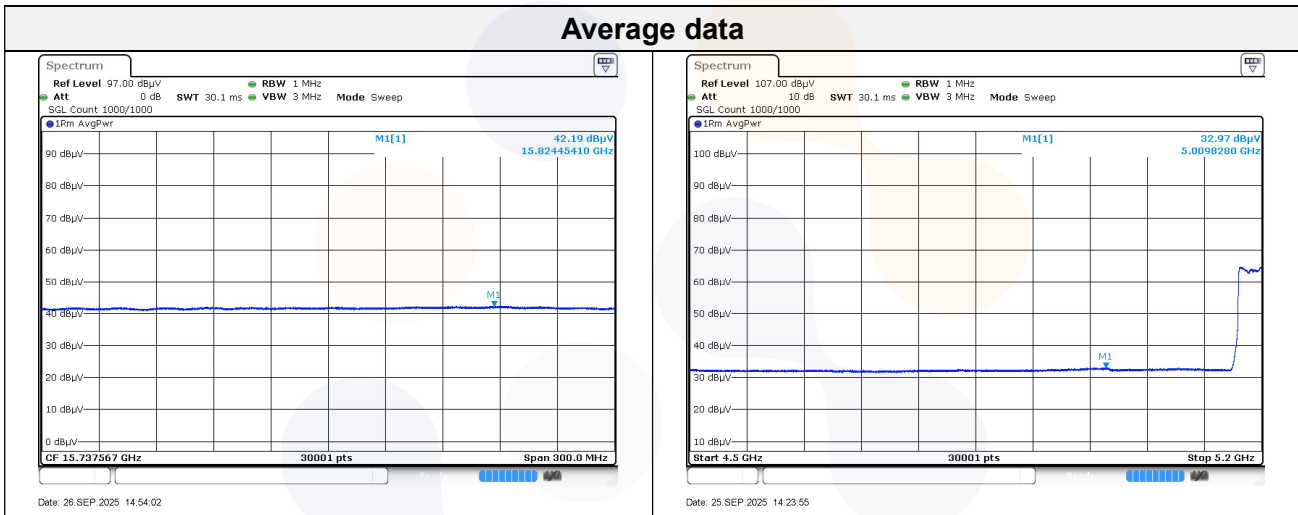
Date: 25 SEP 2025 13:23:40

Horizontal/Vertical for Band-edge

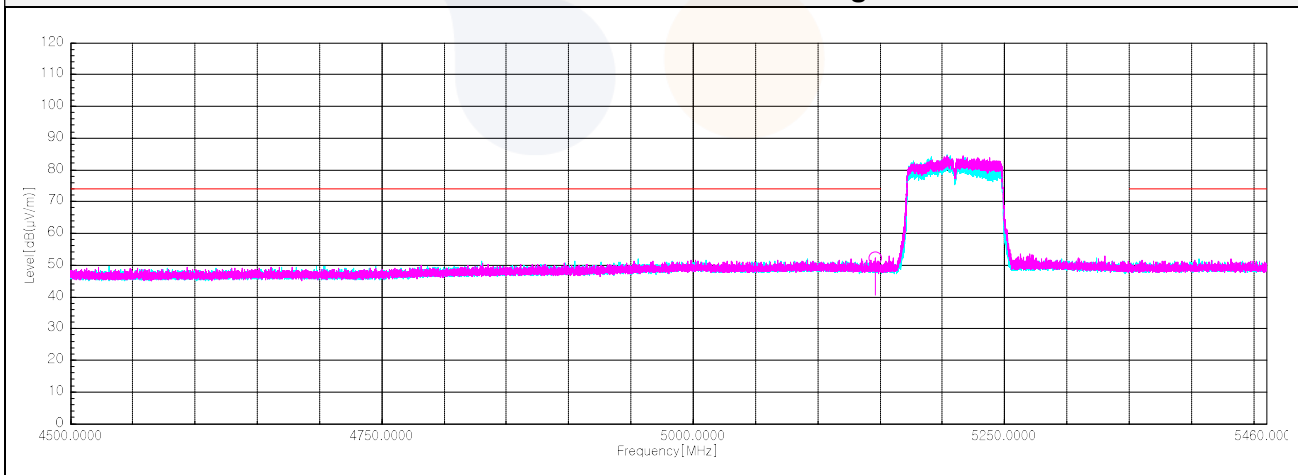


802.11ac_VHT80_Middle Channel (5 210 MHz)

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								
5 009.83 ¹⁾	H	45.30	33.12	-26.29	-	52.13	74.00	21.87
10 450.63	H	53.90	38.60	-41.29	-	51.21	68.20	16.99
15 824.45 ¹⁾	V	54.60	38.10	-38.44	-	54.26	74.00	19.74
Average Data								
5 009.83 ¹⁾	H	32.97	33.12	-26.29	0.33	40.13	54.00	13.87
15 824.45 ¹⁾	V	42.19	38.10	-38.44	0.33	42.18	54.00	11.82



Horizontal/Vertical for Band-edge

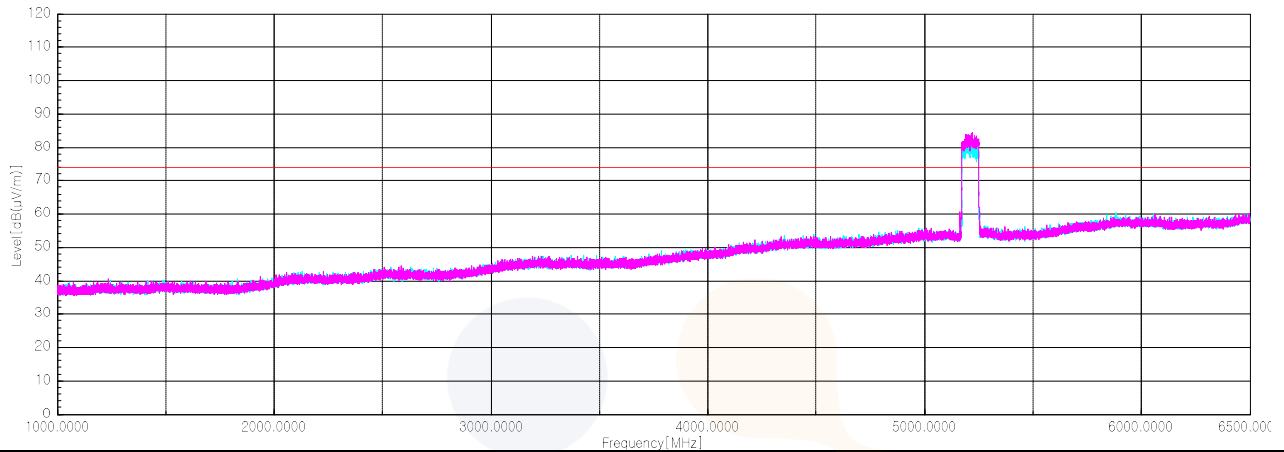


Plot of Harmonics and Spurious Emissions

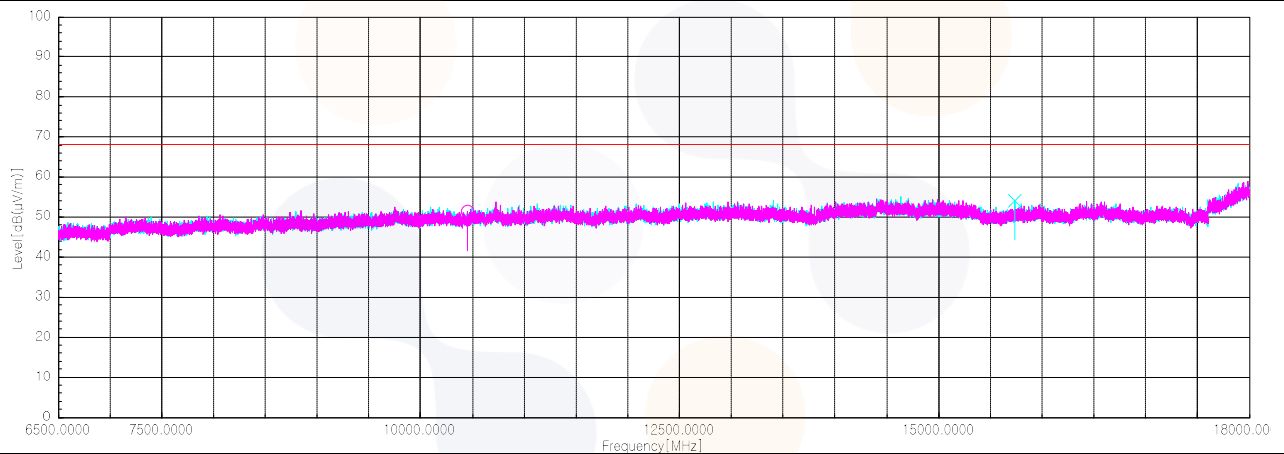
In order to simplify the report, attached plots were only the lowest margin condition

UNII 1_802.11ac VHT80_Middle Channel (5 210 MHz)

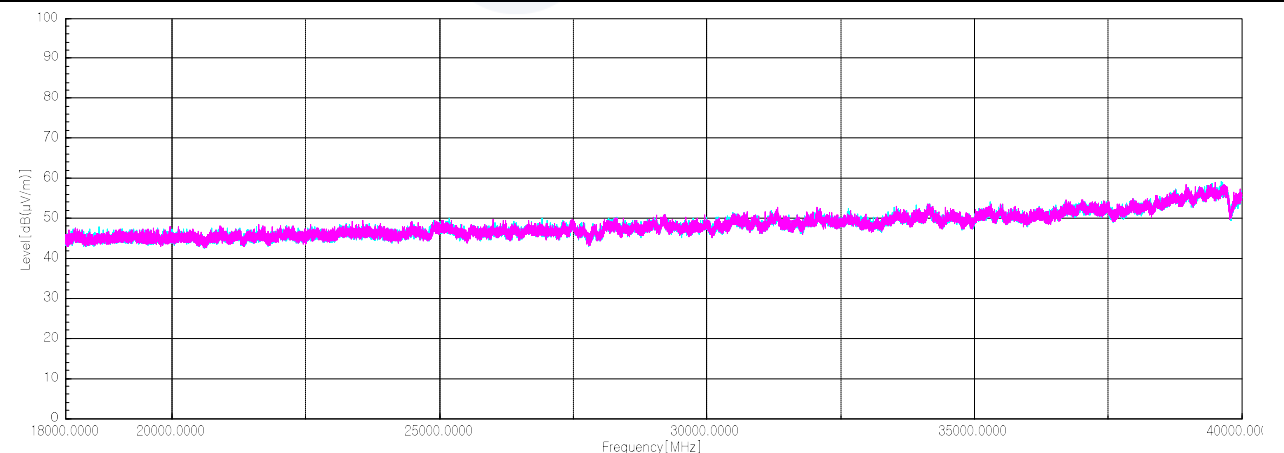
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



UNII 2A

802.11a_Lowest Channel (5 260 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								
10 496.63	V	54.60	38.60	-41.27	-	51.93	68.20	16.27
15 829.83 ¹⁾	H	53.50	38.10	-38.43	-	53.17	74.00	20.83
Average Data								
15 829.83 ¹⁾	H	41.97	38.10	-38.43	-	41.64	54.00	12.36

802.11a_Middle Channel (5 280 MHz)

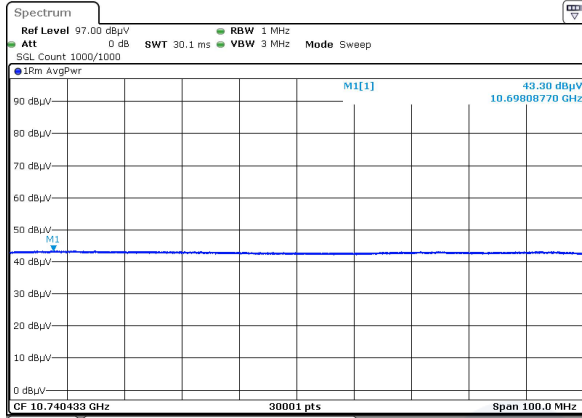
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 544.93	H	54.70	38.79	-41.23	-	52.26	68.20	15.94
15 829.25 ¹⁾	V	52.50	38.10	-38.43	-	52.17	74.00	21.83
Average Data								
15 829.25 ¹⁾	V	41.93	38.10	-38.43	-	41.60	54.00	12.40

802.11a_Highest Channel (5 320 MHz)

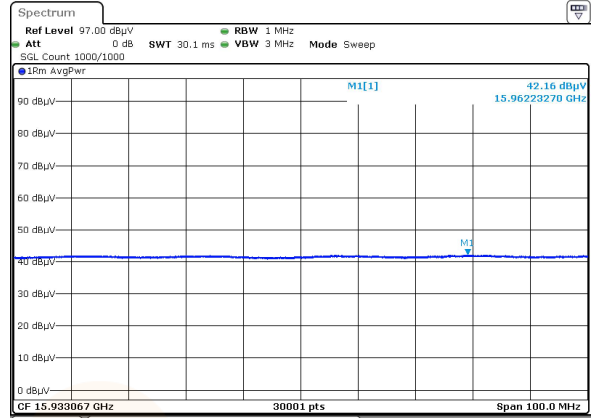
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 430.59 ¹⁾	H	45.20	33.10	-26.18	-	52.12	74.00	21.88
10 698.09 ¹⁾	H	55.30	38.90	-41.08	-	53.12	74.00	20.88
15 962.23 ¹⁾	V	52.70	38.20	-38.28	-	52.62	74.00	21.38
Average Data								
5 430.59 ¹⁾	H	32.98	33.10	-26.18	-	39.90	54.00	14.10
10 698.09 ¹⁾	H	43.30	38.90	-41.08	-	41.12	54.00	12.88
15 962.23 ¹⁾	V	42.16	38.20	-38.28	-	42.08	54.00	11.92

802.11a_Highest Channel (5 320 MHz)

Average data



Date: 26 SEP 2025 18:01:09



Date: 26 SEP 2025 18:03:21

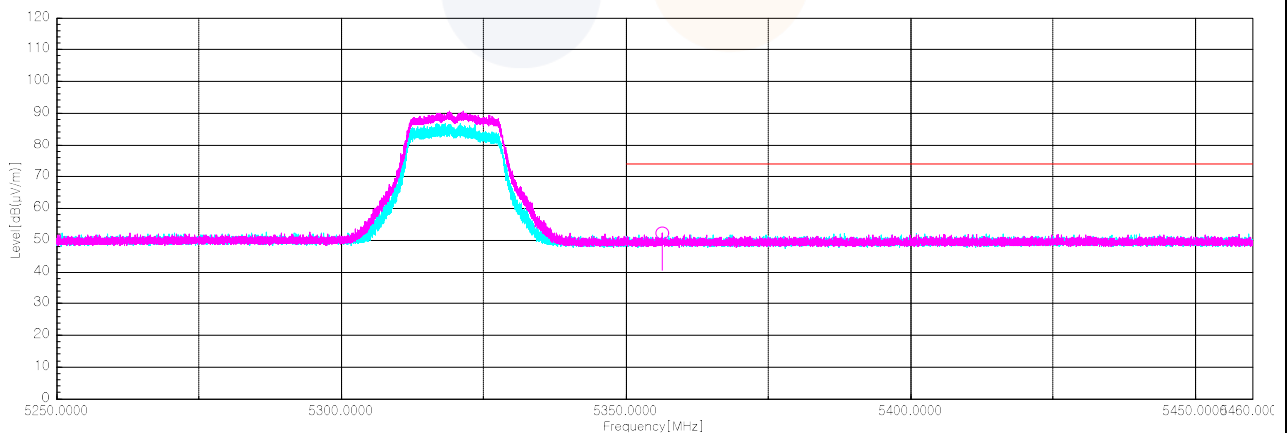
Average data



Date: 25 SEP 2025 14:44:53

Blank

Horizontal/Vertical for Band-edge



802.11n_HT20_Lowest Channel (5 260 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								
10 490.12	V	54.40	38.60	-41.27	-	51.73	68.20	16.47
15 825.94 ¹⁾	H	53.00	38.10	-38.43	-	52.67	74.00	21.33
Average Data								
15 825.94 ¹⁾	H	41.84	38.10	-38.43	-	41.51	54.00	12.49

802.11n_HT20_Middle Channel (5 280 MHz)

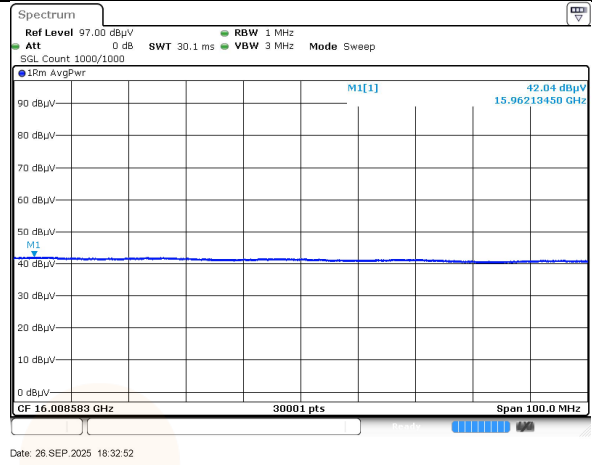
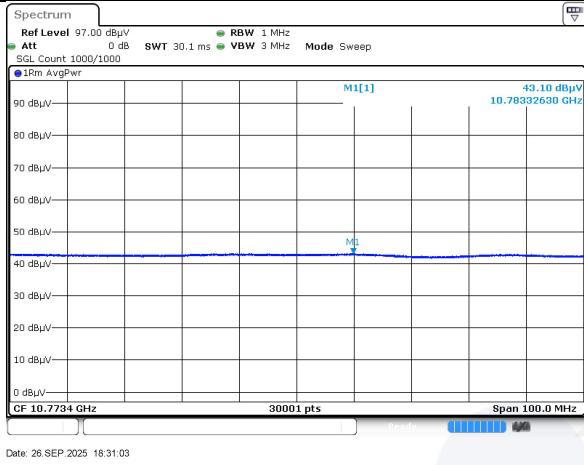
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 597.83	H	54.30	38.90	-41.18	-	52.02	68.20	16.18
15 825.82 ¹⁾	H	52.90	38.10	-38.44	-	52.56	74.00	21.44
Average Data								
15 825.82 ¹⁾	H	41.87	38.10	-38.44	-	41.53	54.00	12.47

802.11n_HT20_Highest Channel (5 320 MHz)

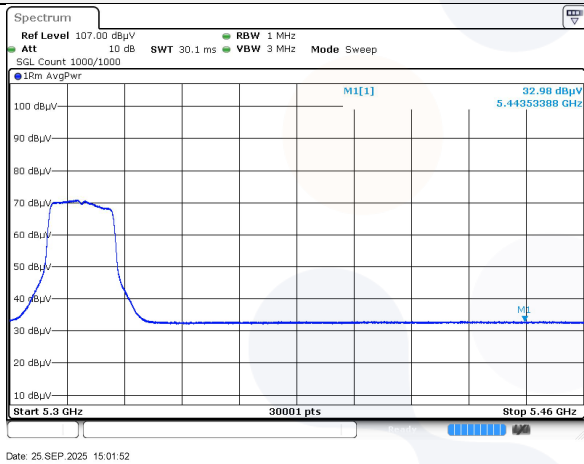
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 443.53 ¹⁾	V	45.40	33.10	-26.18	-	52.32	74.00	21.68
10 783.33 ¹⁾	H	54.30	39.07	-40.98	-	52.39	74.00	21.61
15 962.13 ¹⁾	H	53.00	38.20	-38.28	-	52.92	74.00	21.08
Average Data								
5 443.53 ¹⁾	V	32.98	33.10	-26.18	-	39.90	54.00	14.10
10 783.33 ¹⁾	H	43.10	39.07	-40.98	-	41.19	54.00	12.81
15 962.13 ¹⁾	H	42.04	38.20	-38.28	-	41.96	54.00	12.04

802.11n_HT20_Highest Channel (5 320 MHz)

Average data

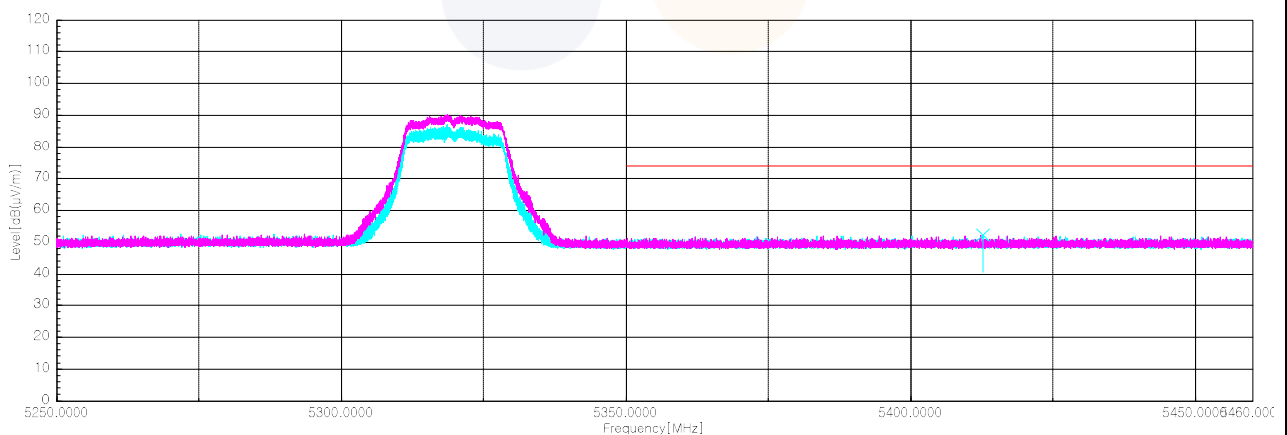


Average data



Blank

Horizontal/Vertical for Band-edge



802.11n_HT40_Lowest Channel (5 270 MHz)

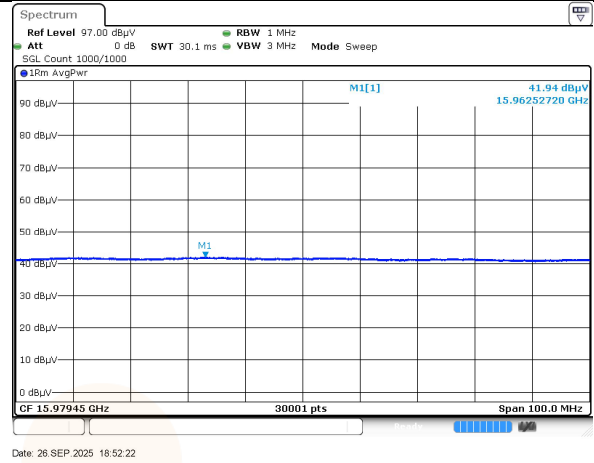
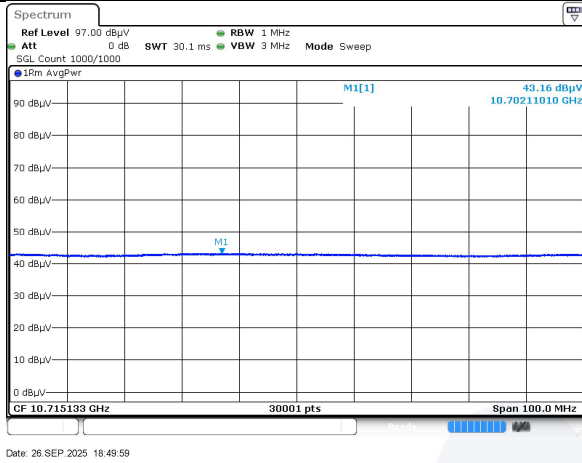
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 547.62	V	54.90	38.80	-41.22	-	52.48	68.20	15.72
15 825.87 ¹⁾	H	52.50	38.10	-38.44	-	52.16	74.00	21.84
Average Data								
15 825.87 ¹⁾	H	41.86	38.10	-38.44	0.17	41.69	54.00	12.31

802.11n_HT40_Highest Channel (5 310 MHz)

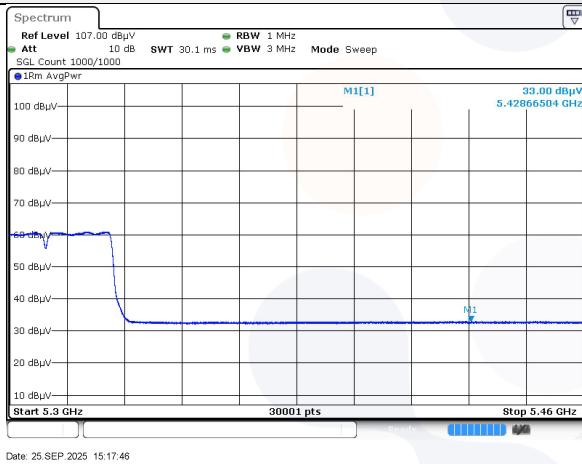
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 428.67 ¹⁾	V	45.60	33.10	-26.18	-	52.52	74.00	21.48
10 702.11 ¹⁾	V	54.70	38.90	-41.08	-	52.52	74.00	21.48
15 962.53 ¹⁾	V	53.30	38.20	-38.28	-	53.22	74.00	20.78
Average Data								
5 428.67 ¹⁾	V	33.00	33.10	-26.18	0.17	40.09	54.00	13.91
10 702.11 ¹⁾	V	43.16	38.90	-41.08	0.17	41.15	54.00	12.85
15 962.53 ¹⁾	V	41.94	38.20	-38.28	0.17	42.03	54.00	11.97

802.11n_HT40_Highest Channel (5 310 MHz)

Average data

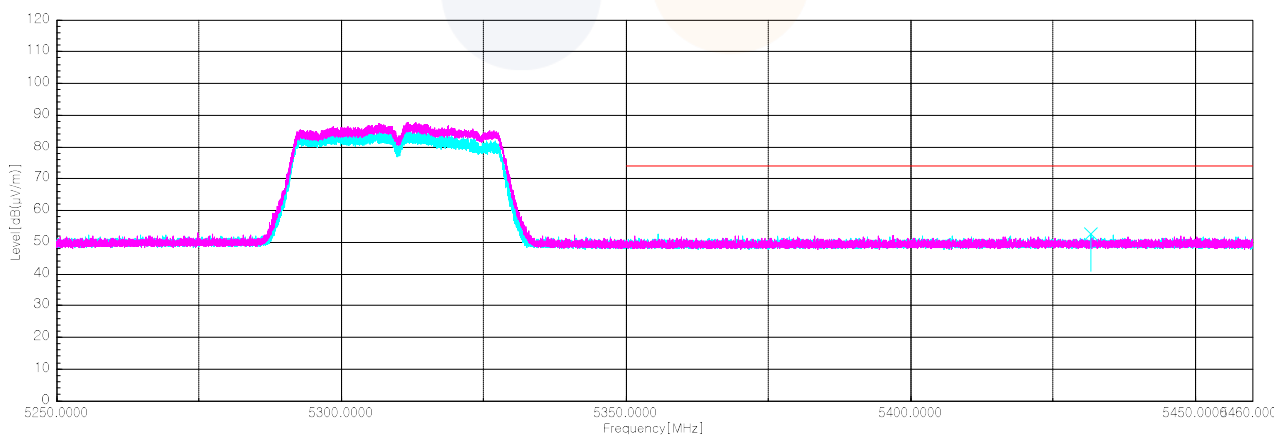


Average data



Blank

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Lowest Channel (5 260 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								
10 569.85	H	54.80	38.84	-41.20	-	52.44	68.20	15.76
15 847.14 ¹⁾	H	52.90	38.10	-38.41	-	52.59	74.00	21.41
Average Data								
15 847.14 ¹⁾	H	42.15	38.10	-38.41	-	41.84	54.00	12.16

802.11ac_VHT20_Middle Channel (5 280 MHz)

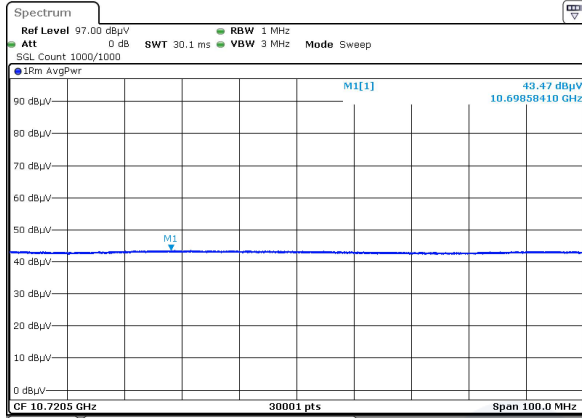
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 595.92	H	54.80	38.89	-41.18	-	52.51	68.20	15.69
15 828.07 ¹⁾	H	53.00	38.10	-38.43	-	52.67	74.00	21.33
Average Data								
15 828.07 ¹⁾	H	42.17	38.10	-38.43	-	41.84	54.00	12.16

802.11ac_VHT20_Highest Channel (5 320 MHz)

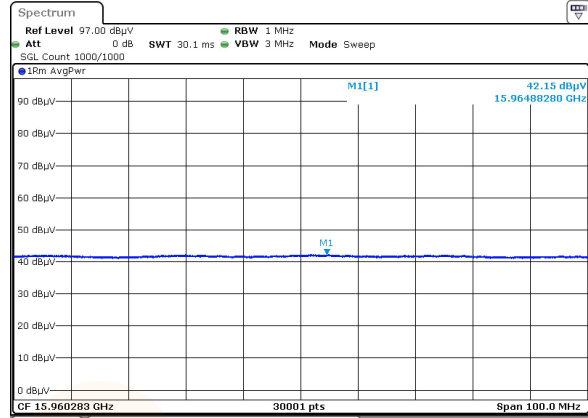
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 428.17 ¹⁾	V	45.30	33.10	-26.18	-	52.22	74.00	21.78
10 698.58 ¹⁾	H	55.40	38.90	-41.08	-	53.22	74.00	20.78
15 964.88 ¹⁾	H	53.40	38.20	-38.28	-	53.32	74.00	20.68
Average Data								
5 428.17 ¹⁾	V	32.93	33.10	-26.18	-	39.85	54.00	14.15
10 698.58 ¹⁾	H	43.47	38.90	-41.08	-	41.29	54.00	12.71
15 964.88 ¹⁾	H	42.15	38.20	-38.28	-	42.07	54.00	11.93

802.11ac_VHT20_Highest Channel (5 320 MHz)

Average data

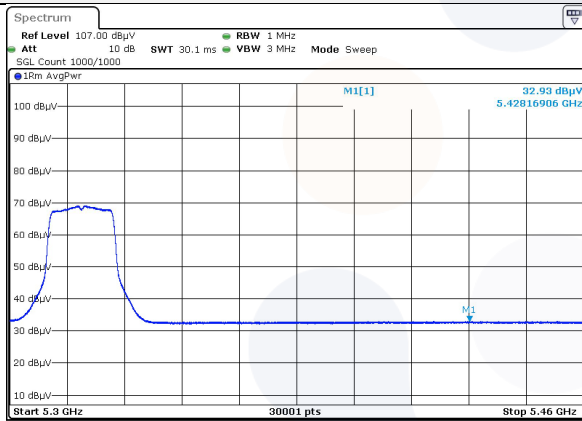


Date: 26 SEP 2025 19:58:36



Date: 26 SEP 2025 20:00:21

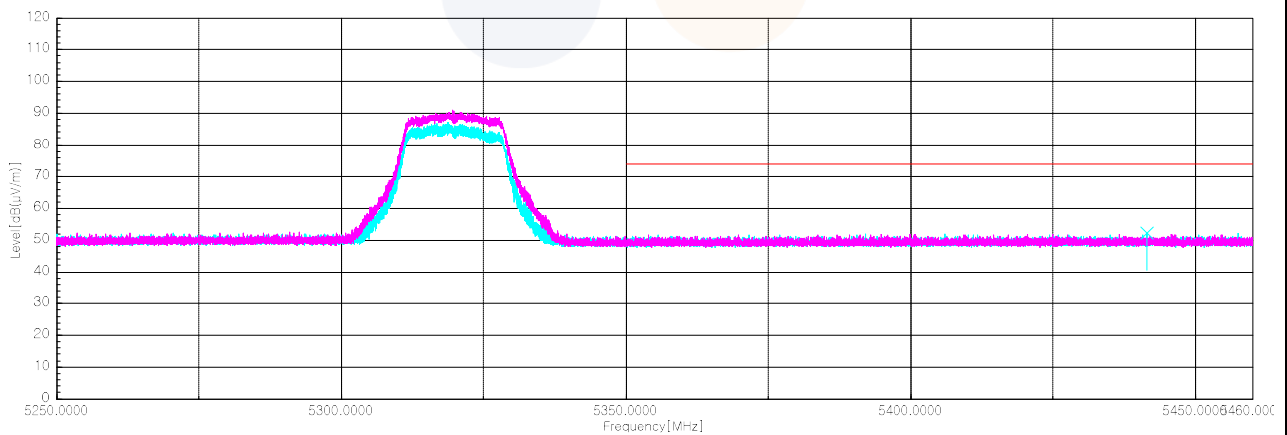
Average data



Date: 26 SEP 2025 15:28:14

Blank

Horizontal/Vertical for Band-edge



802.11ac_VHT40_Lowest Channel (5 270 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								
10 536.50	V	53.90	38.77	-41.23	-	51.44	68.20	16.76
15 780.60 ¹⁾	V	52.40	38.10	-38.49	-	52.01	74.00	21.99
Average Data								
15 780.60 ¹⁾	V	41.86	38.10	-38.49	0.17	41.64	54.00	12.36

802.11ac_VHT40_Highest Channel (5 310 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								
5 428.36 ¹⁾	V	45.40	33.10	-26.18	-	52.32	74.00	21.68
10 602.65 ¹⁾	H	55.10	38.91	-41.17	-	52.84	74.00	21.16
15 961.71 ¹⁾	H	52.90	38.20	-38.28	-	52.82	74.00	21.18
Average Data								
5 428.36 ¹⁾	V	32.93	33.10	-26.18	0.17	40.02	54.00	13.98
10 602.65 ¹⁾	H	42.64	38.91	-41.17	0.17	40.55	54.00	13.45
15 961.71 ¹⁾	H	42.07	38.20	-38.28	0.17	42.16	54.00	11.84