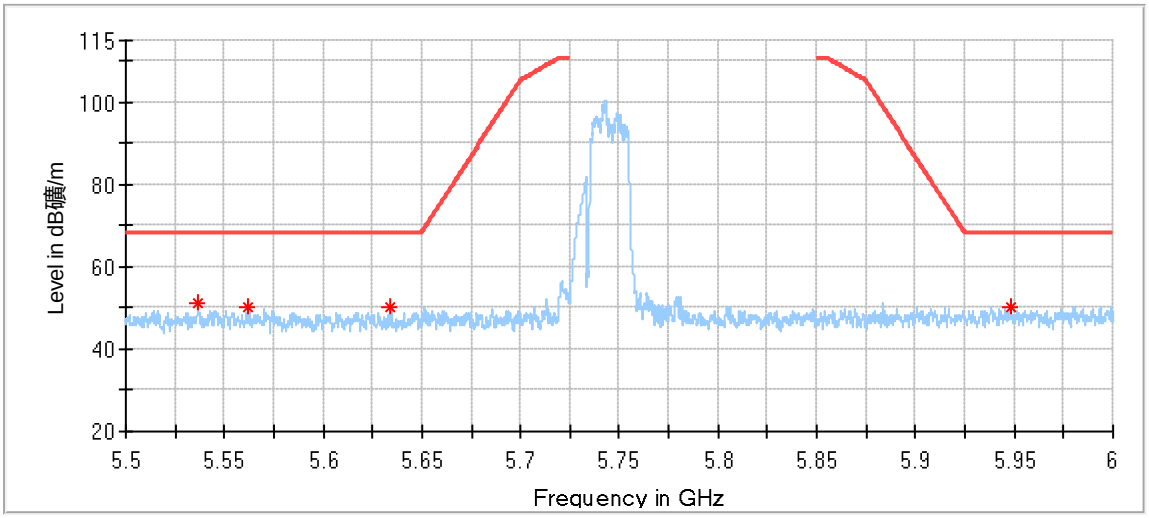
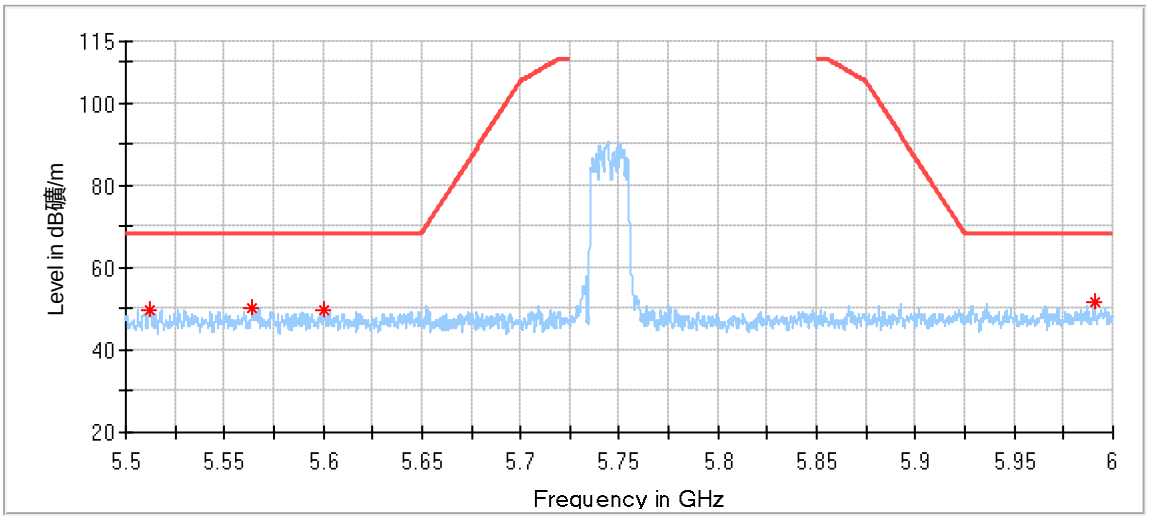
802.11ax20 Modulation 5745MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5536.625000	51.01	68.20	17.19	150.0	H	247.0	7.60
5562.333333	50.21	68.20	17.99	150.0	H	275.0	7.15
5634.291667	50.21	68.20	17.99	150.0	H	333.0	6.91
5947.791667	50.03	68.20	18.17	150.0	H	234.0	7.83



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5512.500000	49.95	68.20	18.25	150.0	V	83.0	7.20
5564.333333	49.98	68.20	18.22	150.0	V	201.0	7.11
5599.916667	49.71	68.20	18.49	150.0	V	53.0	6.66
5990.416667	51.43	68.20	16.77	150.0	V	296.0	8.37

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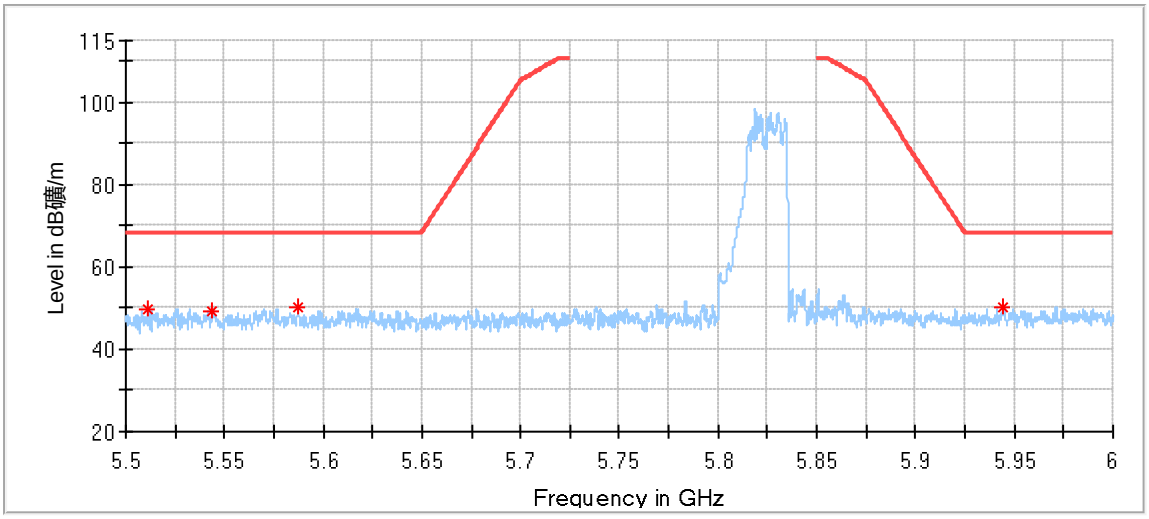
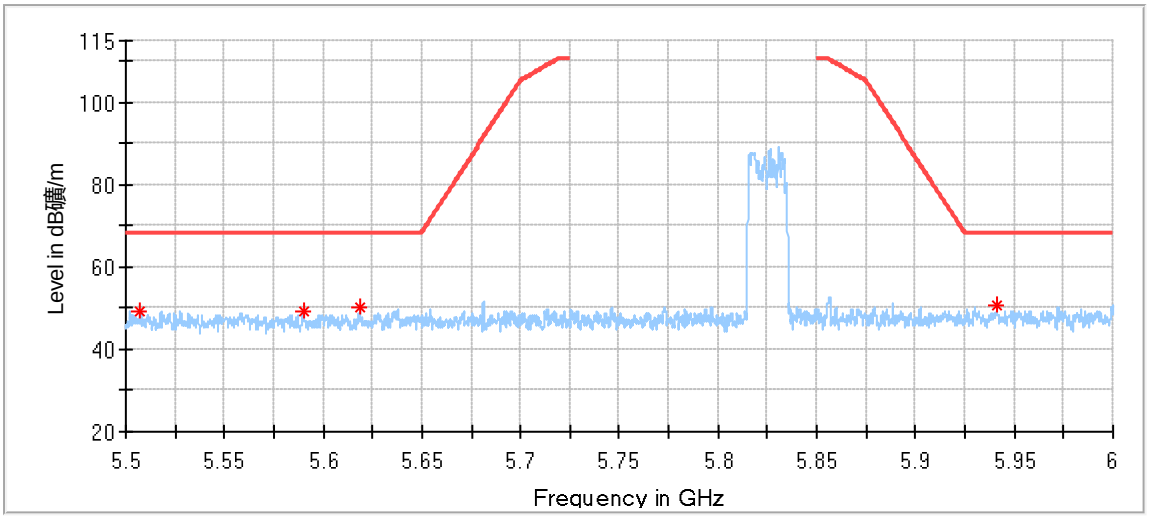
802.11ax20 Modulation 5825MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5511.583333	49.92	68.20	18.28	150.0	H	51.0	7.18
5544.083333	49.41	68.20	18.79	150.0	H	0.0	7.48
5587.250000	50.35	68.20	17.85	150.0	H	42.0	6.70
5944.666667	50.24	68.20	17.96	150.0	H	164.0	7.79



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5507.541667	49.39	68.20	18.81	150.0	V	288.0	7.12
5589.916667	49.17	68.20	19.03	150.0	V	228.0	6.65
5618.416667	50.00	68.20	18.20	150.0	V	0.0	6.80
5941.083333	50.70	68.20	17.50	150.0	V	237.0	7.76

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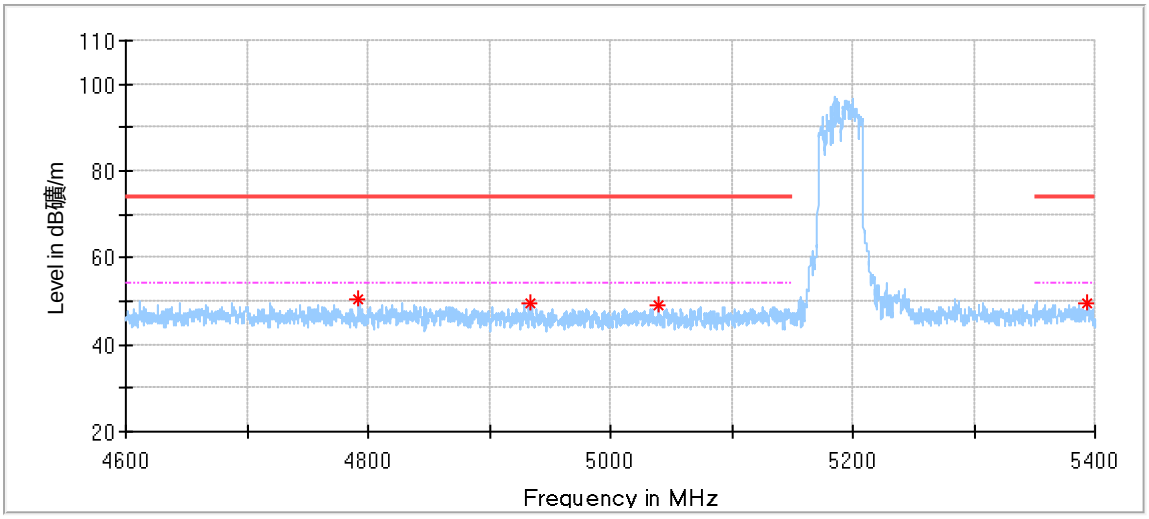
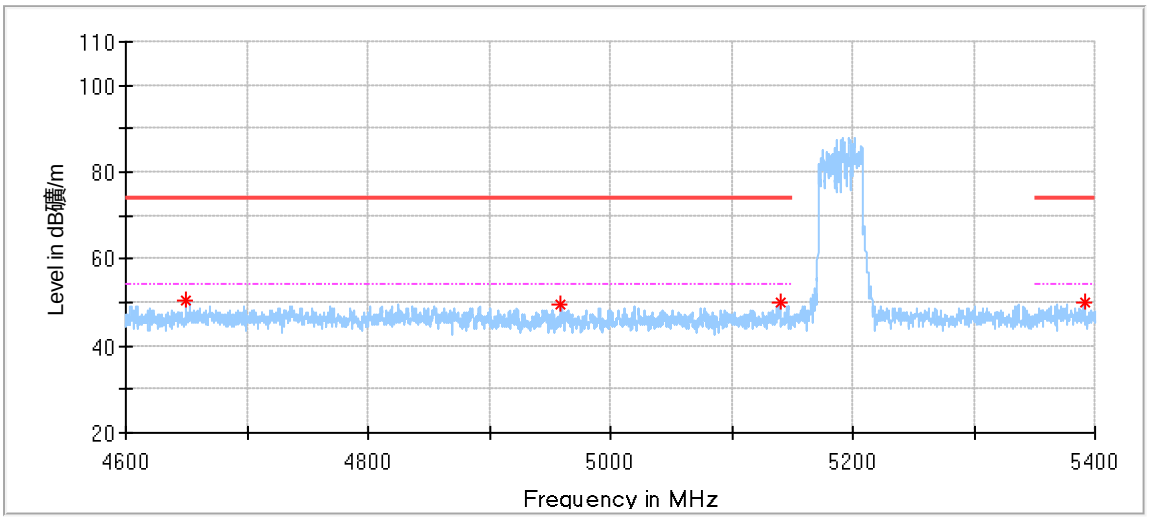
802.11n40 Modulation 5190MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4792.466667	50.29	74.00	23.71	150.0	H	43.0	5.65
4934.533333	49.37	74.00	24.63	150.0	H	151.0	5.83
5039.533333	49.20	74.00	24.80	150.0	H	221.0	5.62
5394.200000	49.75	74.00	24.25	150.0	H	155.0	6.86



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4649.933333	50.39	74.00	23.61	150.0	V	221.0	5.67
4959.266667	49.36	74.00	24.64	150.0	V	46.0	5.57
5139.933333	49.89	74.00	24.11	150.0	V	106.0	6.21
5391.000000	49.90	74.00	24.10	150.0	V	322.0	6.86

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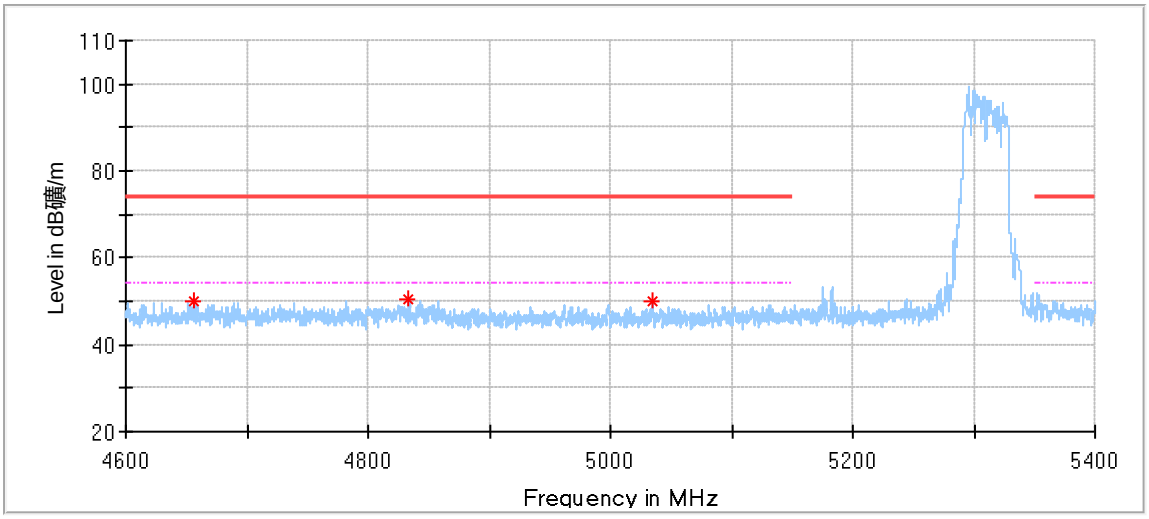
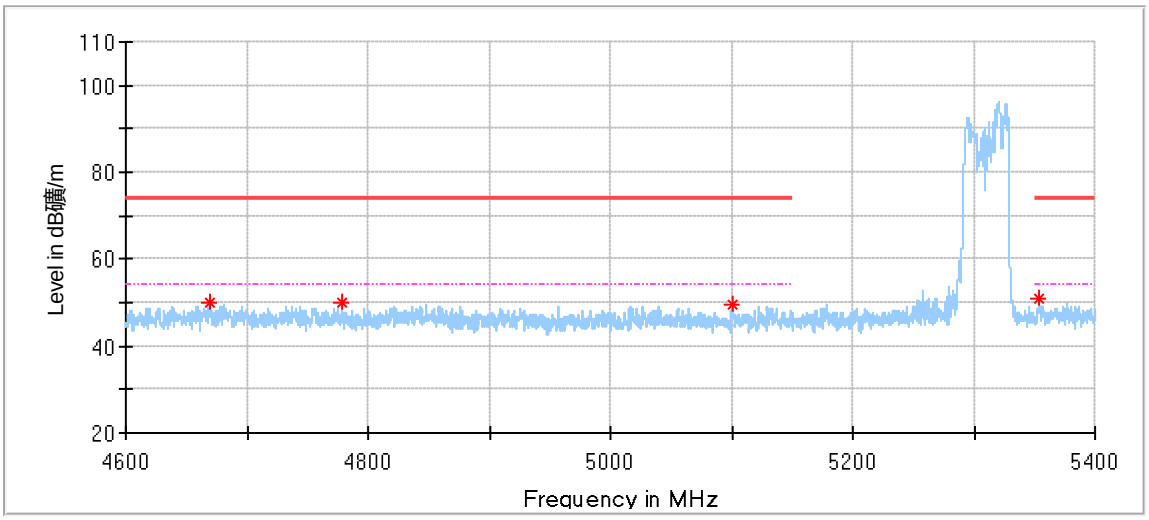
802.11n40 Modulation 5310MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4656.266667	49.97	74.00	24.03	150.0	H	305.0	5.71
4833.600000	50.47	74.00	23.53	150.0	H	106.0	5.72
5034.400000	49.95	74.00	24.05	150.0	H	345.0	5.59



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4668.866667	50.15	74.00	23.85	150.0	V	319.0	5.77
4778.200000	49.91	74.00	24.09	150.0	V	19.0	5.67
5101.266667	49.44	74.00	24.56	150.0	V	131.0	6.07
5353.733333	50.80	74.00	23.20	150.0	V	186.0	6.74

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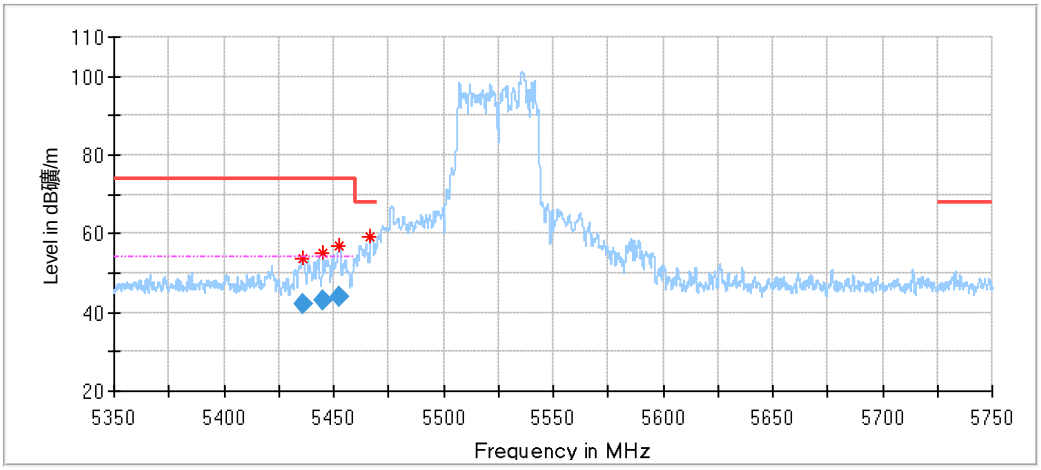
802.11n40 Modulation 5510MHz Test Result

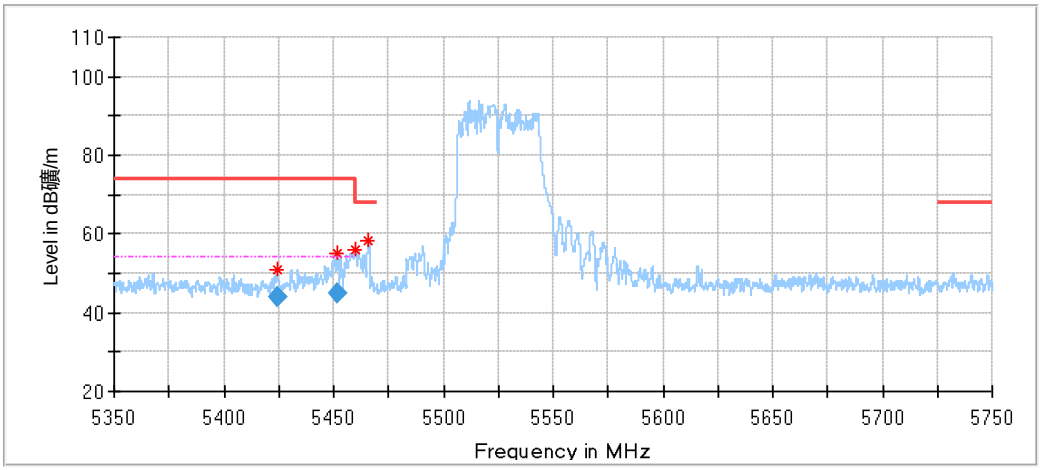


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5435.633333	53.64	74.00	20.36	150.0	H	159.0	6.77
5445.166667	55.09	74.00	18.92	150.0	H	181.0	6.75
5452.733333	56.76	74.00	17.24	150.0	H	287.0	6.74
5466.666667	59.43	68.20	8.77	150.0	H	4.0	6.72

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5435.633333	42.35	54.00	11.65	150.0	H	159.0	6.77
5445.166667	43.02	54.00	10.98	150.0	H	181.0	6.75
5452.733333	44.13	54.00	9.87	150.0	H	287.0	6.74



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5424.133333	51.02	74.00	22.98	150.0	V	211.0	6.79
5451.733333	55.02	74.00	18.98	150.0	V	225.0	6.74
5460.300000	56.18	68.20	12.02	150.0	V	230.0	6.73
5466.066667	58.41	68.20	9.79	150.0	V	225.0	6.72

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5424.133333	43.87	54.00	10.13	150.0	V	211.0	6.79
5451.733333	44.91	54.00	9.09	150.0	V	225.0	6.74

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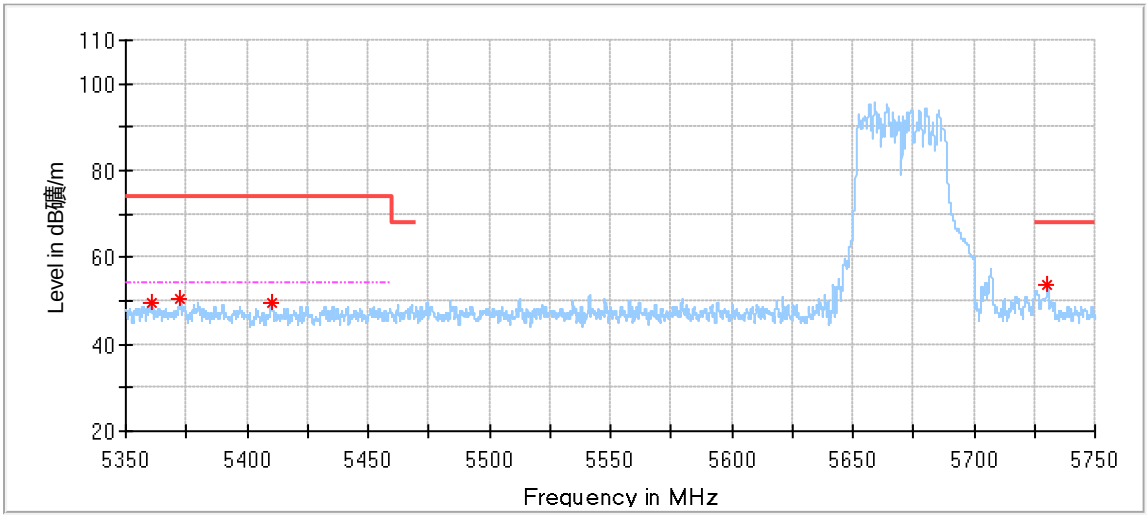
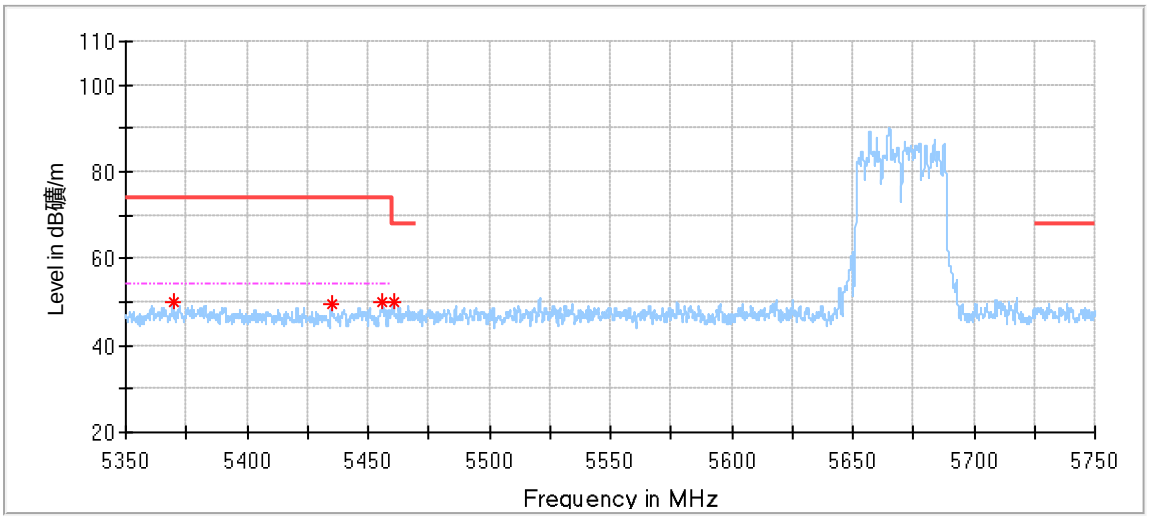
802.11ac40 Modulation 5670MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5360.766667	49.66	74.00	24.34	150.0	H	183.0	6.80
5372.433333	50.40	74.00	23.60	150.0	H	91.0	6.89
5410.000000	49.67	74.00	24.33	150.0	H	127.0	6.82
5730.400000	53.72	68.20	14.48	150.0	H	279.0	7.12



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5369.566667	49.90	74.00	24.10	150.0	V	300.0	6.86
5434.900000	49.63	74.00	24.37	150.0	V	153.0	6.77
5456.000000	50.14	74.00	23.86	150.0	V	146.0	6.74
5460.533333	50.08	68.20	18.12	150.0	V	96.0	6.73

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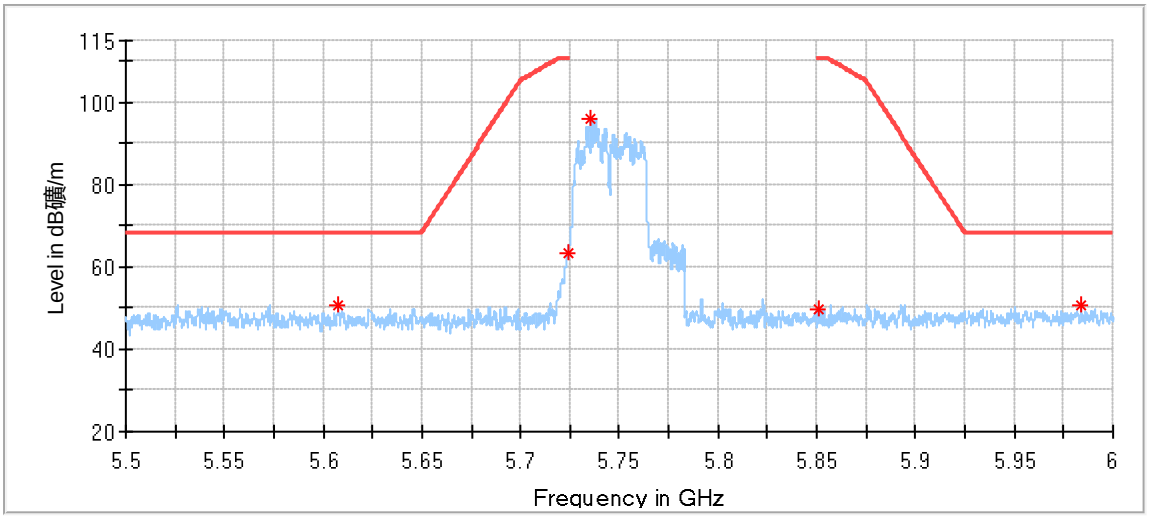
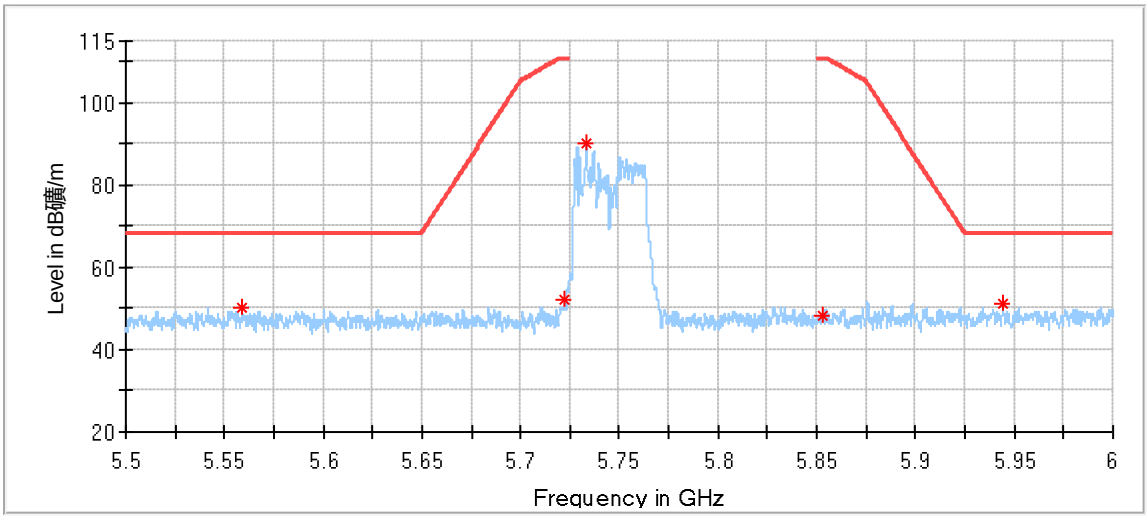
802.11n40 Modulation 5755MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5607.375000	50.69	68.20	17.51	150.0	H	172.0	6.72
5724.041667	63.20	110.80	47.60	150.0	H	227.0	7.12
5735.583333	95.94	---	---	150.0	H	191.0	7.13
5851.291667	49.49	110.80	61.31	150.0	H	305.0	7.43
5983.916667	50.69	68.20	17.51	150.0	H	200.0	8.29



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5559.000000	50.18	68.20	18.02	150.0	V	118.0	7.21
5722.375000	52.13	110.80	58.67	150.0	V	354.0	7.11
5733.291667	90.05	---	---	150.0	V	189.0	7.13
5853.250000	48.30	110.80	62.50	150.0	V	86.0	7.45
5944.166667	50.96	68.20	17.24	150.0	V	314.0	7.79

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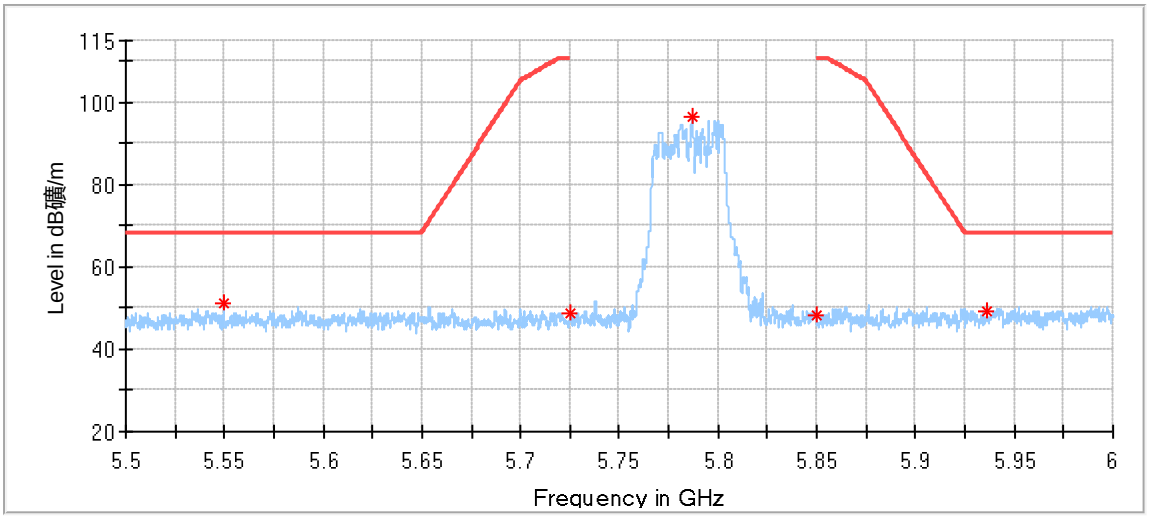
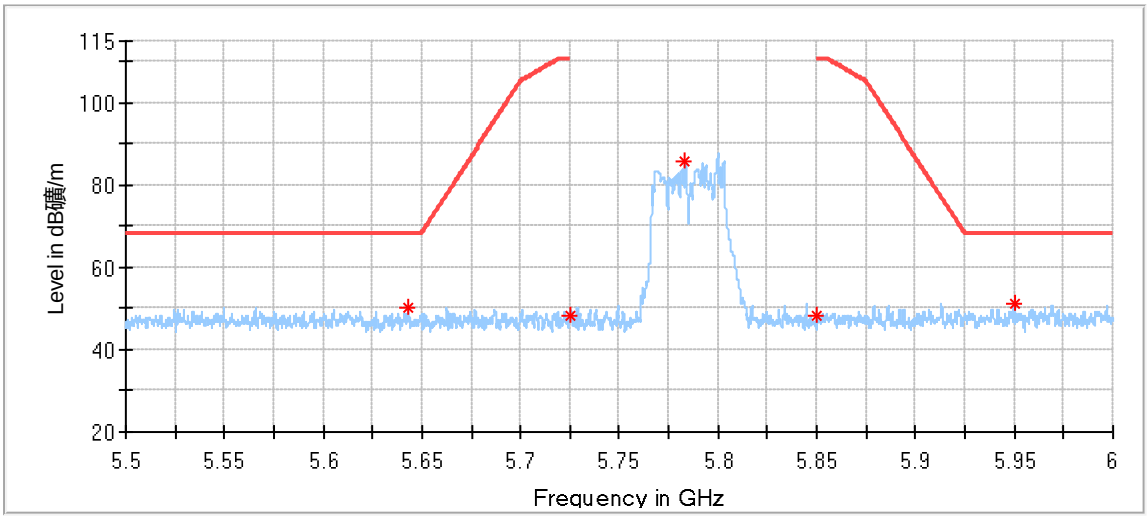
802.11n40 Modulation 5795MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5549.916667	51.10	68.20	17.10	150.0	H	54.0	7.37
5724.916667	48.53	110.80	62.27	150.0	H	164.0	7.12
5786.833333	96.47	---	---	150.0	H	178.0	7.18
5850.000000	48.14	110.80	62.66	150.0	H	91.0	7.42
5936.000000	49.39	68.20	18.81	150.0	H	328.0	7.71



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5643.041667	50.01	68.20	18.19	150.0	V	226.0	6.98
5724.958333	48.33	110.80	62.47	150.0	V	258.0	7.12
5783.375000	85.78	---	---	150.0	V	222.0	7.18
5850.000000	48.39	110.80	62.41	150.0	V	356.0	7.42
5949.916667	50.94	68.20	17.26	150.0	V	183.0	7.85

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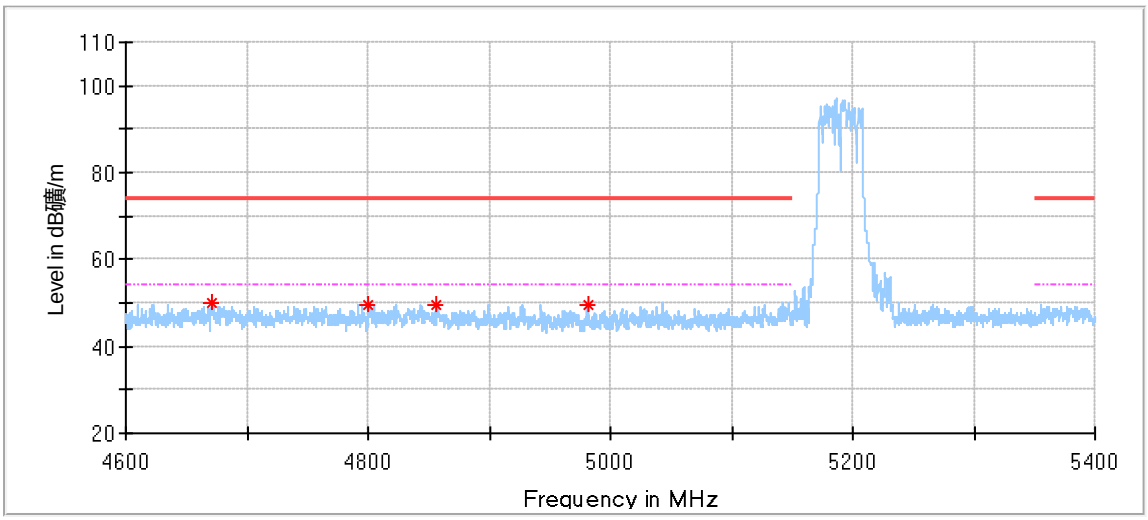
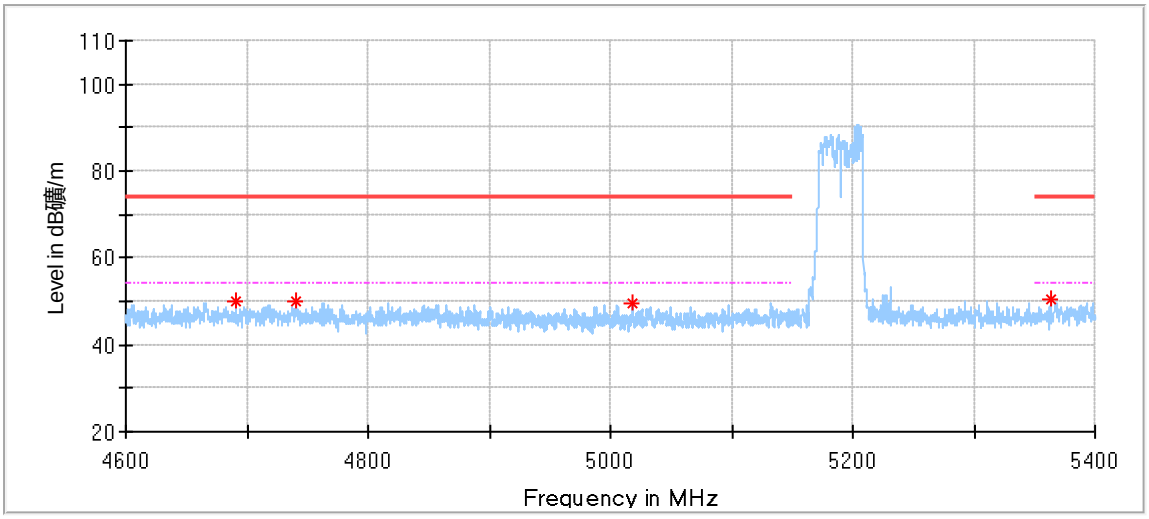
802.11ac40 Modulation 5190MHz Test Result



Critical_Freqs

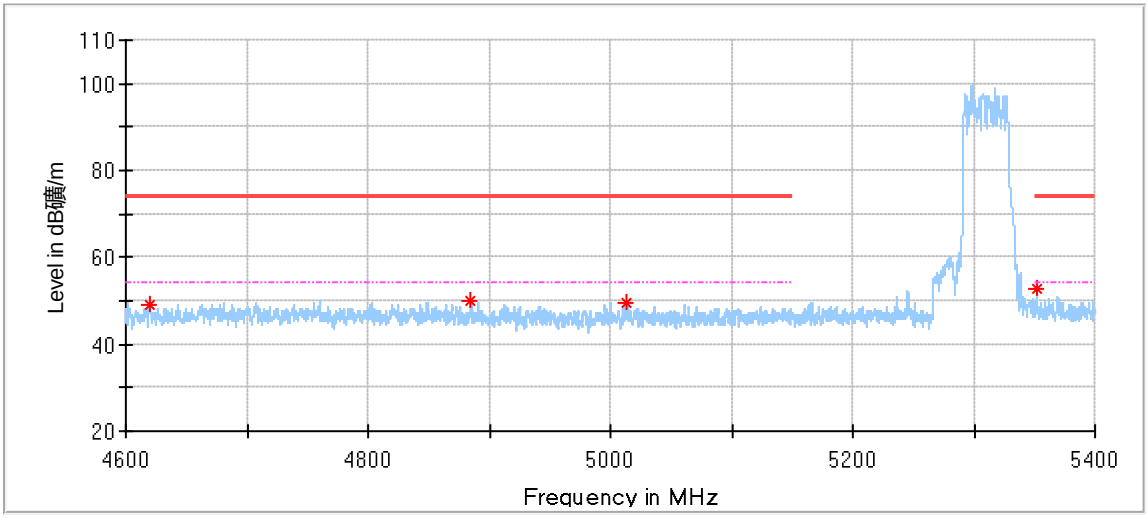
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4670.533333	50.18	74.00	23.82	150.0	H	52.0	5.77
4800.066667	49.65	74.00	24.35	150.0	H	272.0	5.64
4855.666667	49.73	74.00	24.27	150.0	H	338.0	5.71
4981.000000	49.74	74.00	24.26	150.0	H	177.0	5.51



Critical_Freqs

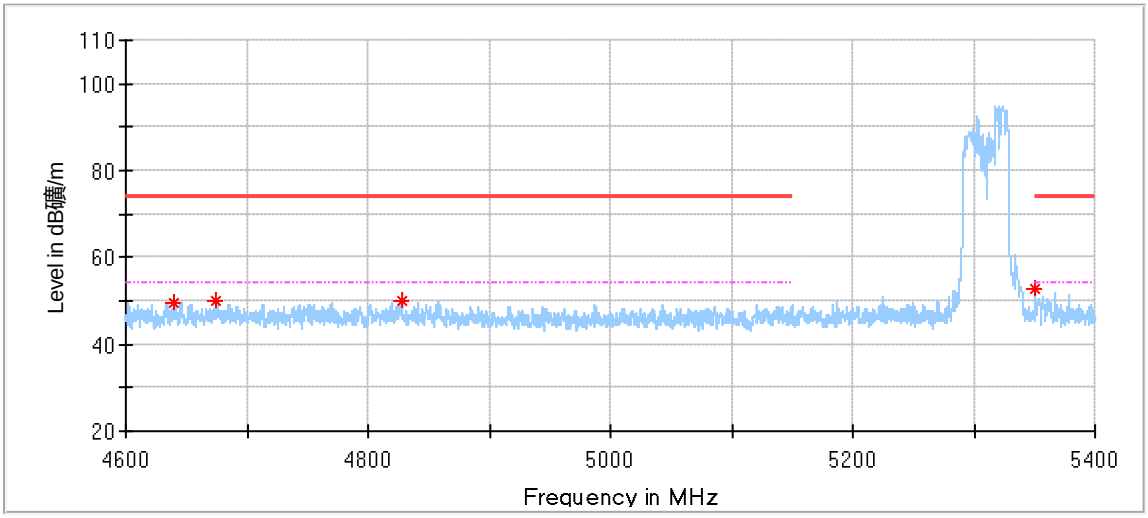
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4690.666667	49.87	74.00	24.13	150.0	V	326.0	5.80
4740.866667	49.97	74.00	24.03	150.0	V	0.0	5.72
5018.466667	49.38	74.00	24.62	150.0	V	356.0	5.50
5363.200000	50.38	74.00	23.62	150.0	V	235.0	6.81

802.11ac40 Modulation 5310MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4620.000000	49.30	74.00	24.70	150.0	H	28.0	5.39
4885.000000	50.00	74.00	24.00	150.0	H	0.0	5.81
5014.000000	49.71	74.00	24.29	150.0	H	117.0	5.47
5352.200000	52.86	74.00	21.14	150.0	H	176.0	6.73



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4639.600000	49.65	74.00	24.35	150.0	V	73.0	5.56
4675.066667	49.92	74.00	24.08	150.0	V	201.0	5.80
4827.933333	50.18	74.00	23.82	150.0	V	59.0	5.72
5350.733333	52.63	74.00	21.37	150.0	V	27.0	6.72

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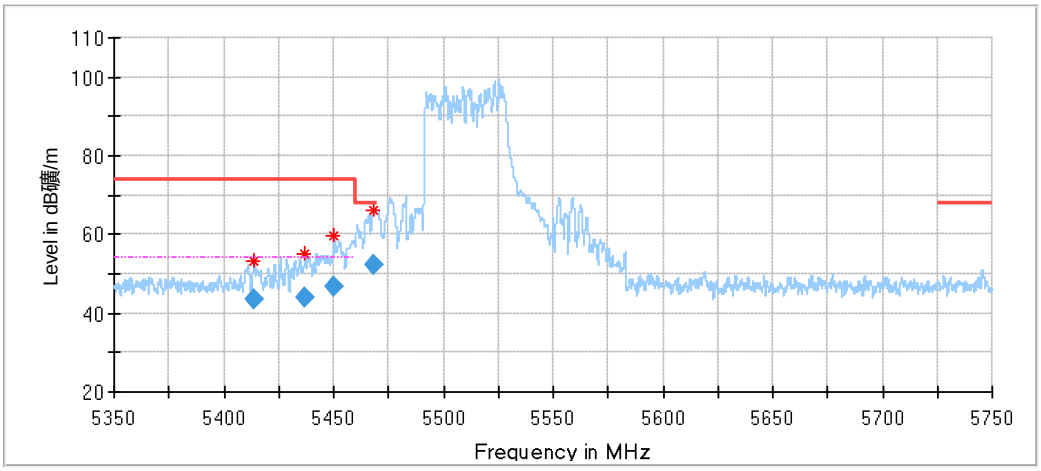
802.11ac40 Modulation 5510MHz Test Result

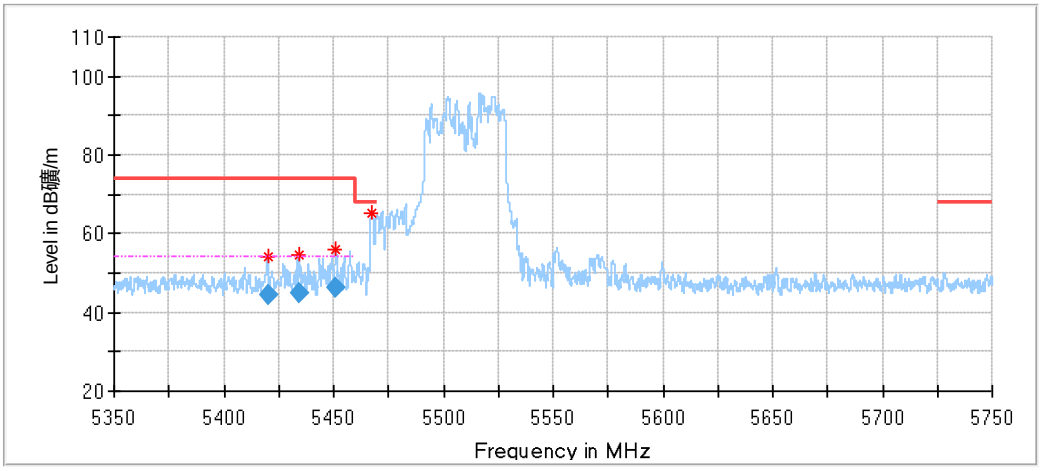


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5413.933333	53.25	74.00	20.75	150.0	H	286.0	6.81
5436.866667	55.02	74.00	18.98	150.0	H	233.0	6.77
5450.133333	59.88	74.00	14.12	150.0	H	237.0	6.75
5468.200000	66.28	68.20	1.92	150.0	H	182.0	6.72

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5413.933333	43.55	54.00	10.45	150.0	H	286.0	6.81
5436.866667	44.23	54.00	9.77	150.0	H	233.0	6.77
5450.133333	46.82	54.00	7.18	150.0	H	237.0	6.75
5468.200000	52.15	68.20	16.05	150.0	H	182.0	6.72



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5419.866667	54.32	74.00	19.68	150.0	V	198.0	6.80
5434.366667	54.53	74.00	19.47	150.0	V	217.0	6.77
5450.866667	55.81	74.00	18.19	150.0	V	281.0	6.75
5467.300000	65.19	68.20	3.01	150.0	V	41.0	6.72

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5419.866667	44.36	54.00	9.64	150.0	V	198.0	6.80
5434.366667	44.83	54.00	9.70	150.0	V	217.0	6.77
5450.866667	46.36	54.00	7.64	150.0	V	281.0	6.75

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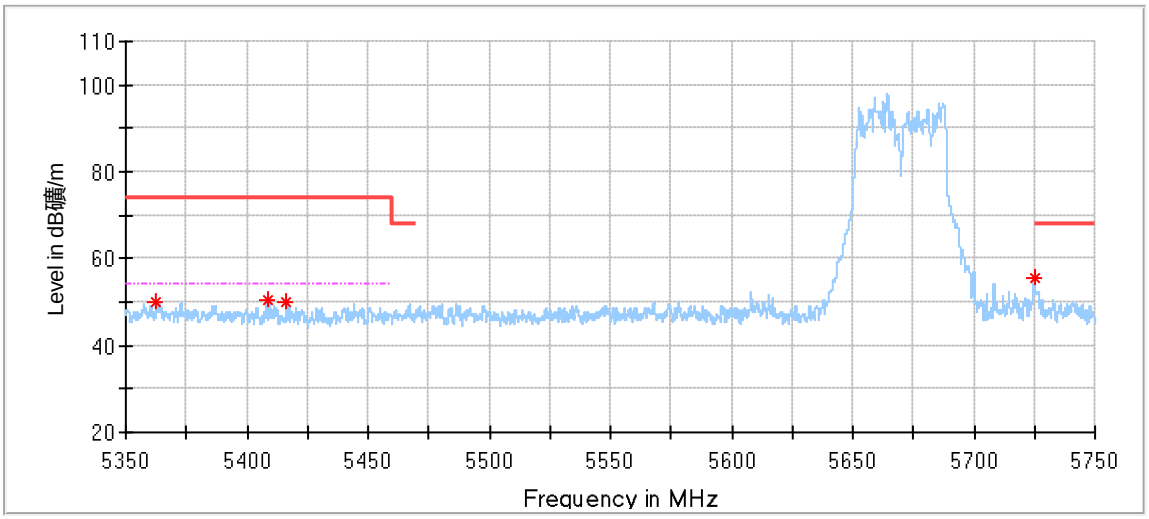
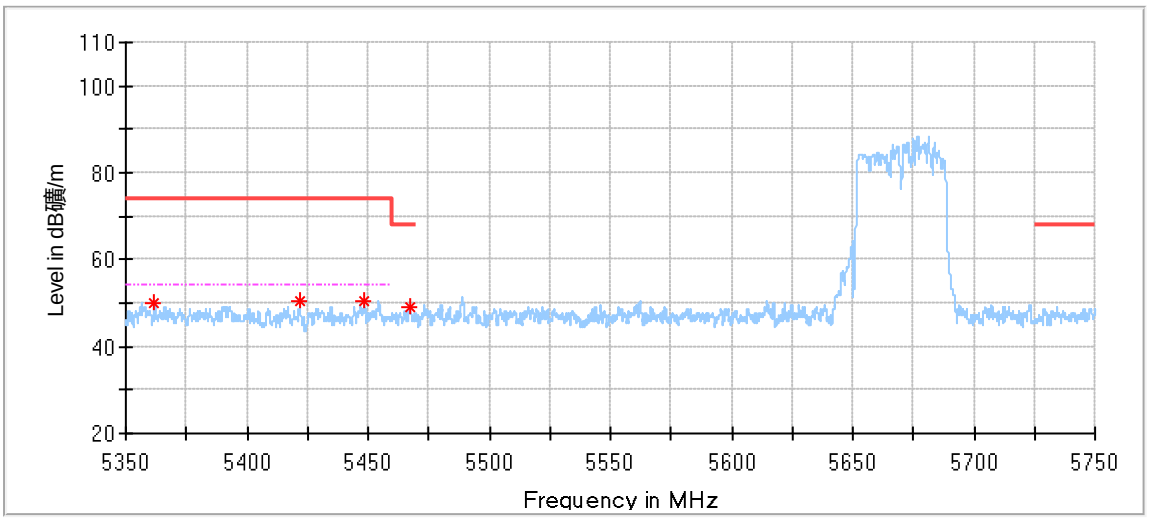
802.11ac40 Modulation 5670MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5362.533333	50.13	74.00	23.87	150.0	H	298.0	6.81
5408.333333	50.39	74.00	23.61	150.0	H	0.0	6.83
5416.400000	49.90	74.00	24.10	150.0	H	130.0	6.81
5725.000000	55.42	68.20	12.78	150.0	H	278.0	7.12



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5361.900000	50.15	74.00	23.85	150.0	V	147.0	6.80
5421.833333	50.27	74.00	23.73	150.0	V	0.0	6.80
5448.466667	50.58	74.00	23.42	150.0	V	54.0	6.75
5467.433333	48.92	68.20	19.28	150.0	V	87.0	6.72

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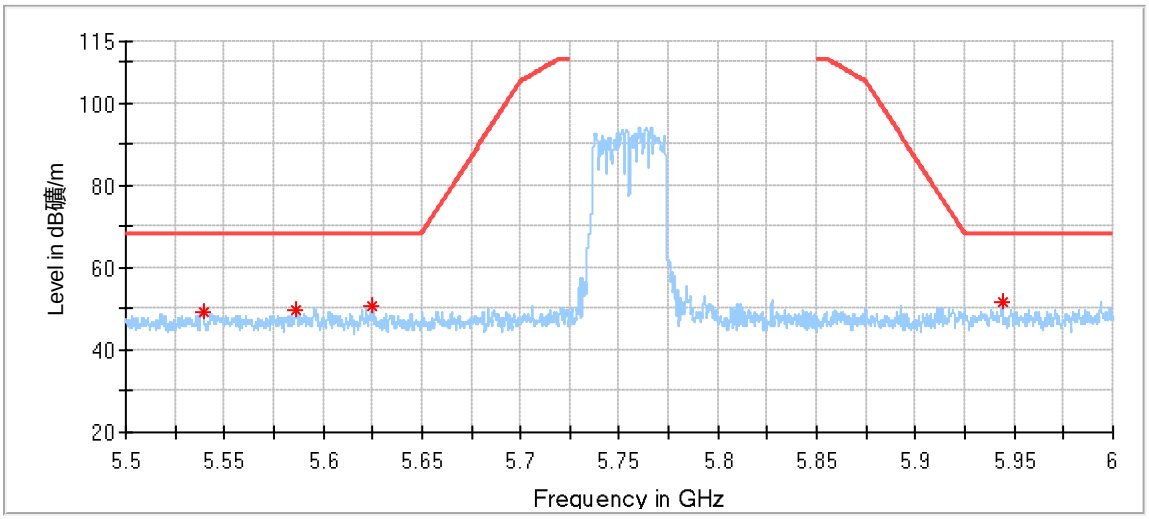
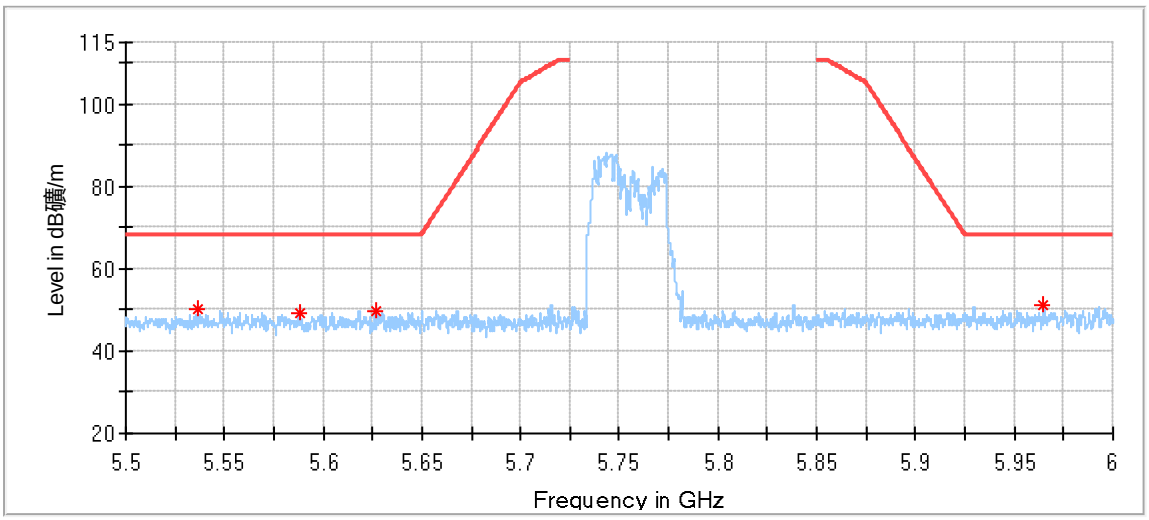
802.11ac40 Modulation 5755MHz Test Result



Critical_Freqs

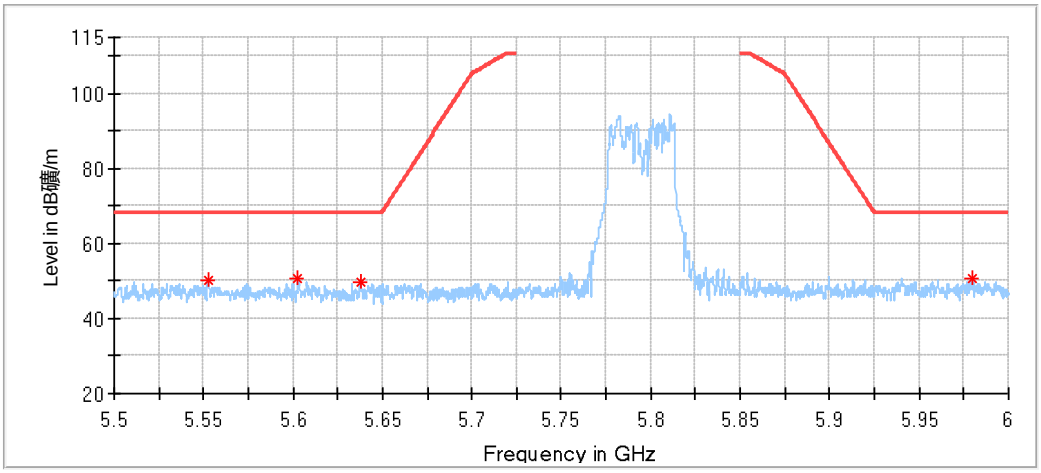
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5539.166667	49.10	68.20	19.10	150.0	H	142.0	7.57
5586.666667	49.95	68.20	18.25	150.0	H	156.0	6.71
5625.125000	50.46	68.20	17.74	150.0	H	333.0	6.85
5943.833333	51.75	68.20	16.45	150.0	H	81.0	7.79



Critical_Freqs

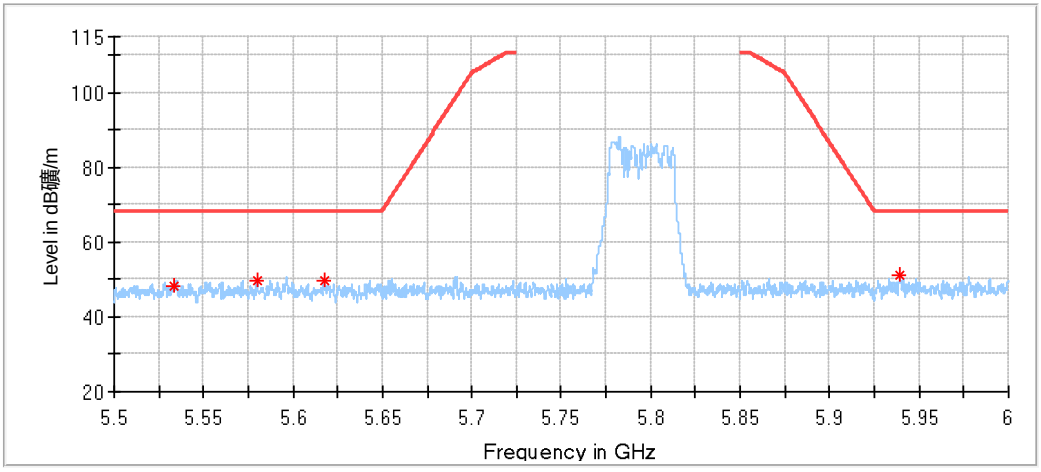
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5536.541667	50.21	68.20	17.99	150.0	V	356.0	7.60
5587.791667	49.16	68.20	19.04	150.0	V	343.0	6.69
5626.333333	49.93	68.20	18.27	150.0	V	0.0	6.86
5964.875000	51.11	68.20	17.09	150.0	V	224.0	8.04

802.11ac40 Modulation 5795MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5552.583333	50.23	68.20	17.97	150.0	H	137.0	7.32
5602.916667	50.46	68.20	17.74	150.0	H	80.0	6.68
5637.958333	49.93	68.20	18.27	150.0	H	182.0	6.94
5980.000000	50.52	68.20	17.68	150.0	H	21.0	8.24



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5533.458333	48.20	68.20	20.00	150.0	V	196.0	7.55
5580.208333	49.64	68.20	18.56	150.0	V	130.0	6.83
5617.291667	49.68	68.20	18.52	150.0	V	75.0	6.79
5939.125000	51.15	68.20	17.05	150.0	V	148.0	7.73

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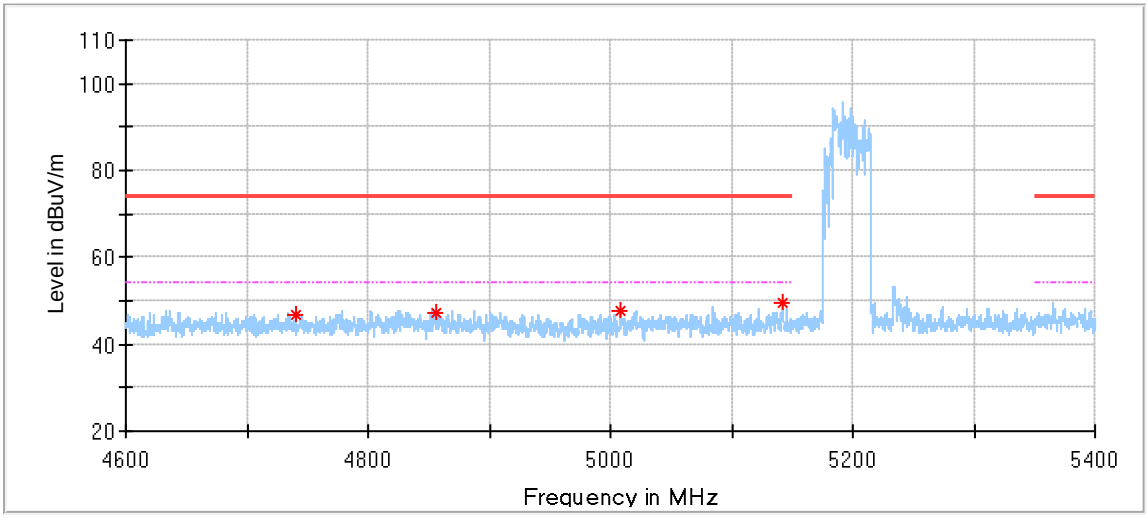
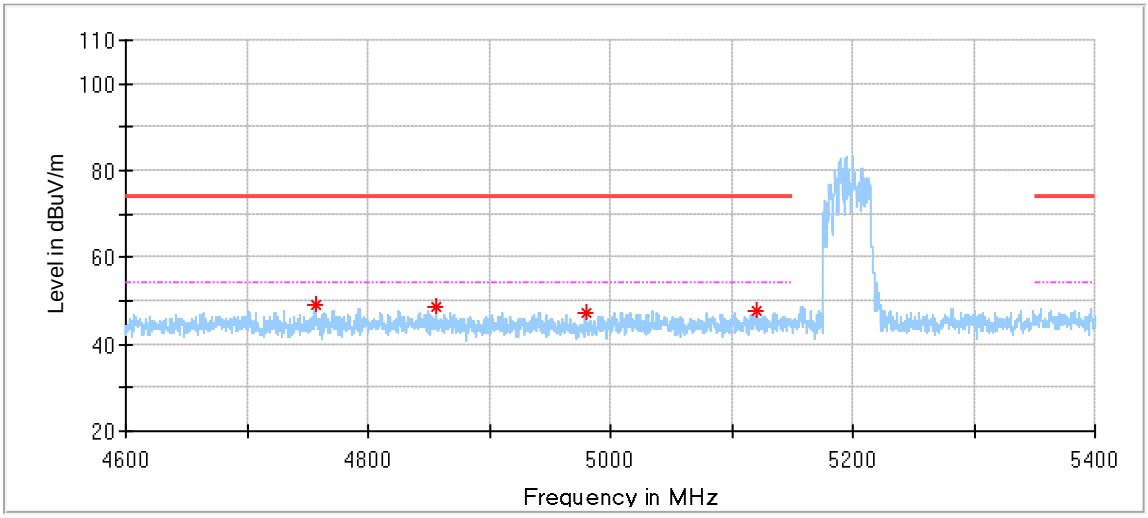
802.11ax40 Modulation 5190MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4739.933333	46.62	74.00	27.38	150.0	H	324.0	4.69
4855.400000	47.06	74.00	26.94	150.0	H	132.0	4.92
5008.200000	47.57	74.00	26.43	150.0	H	247.0	4.94
5142.200000	49.39	74.00	24.61	150.0	H	14.0	5.68



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4756.200000	48.86	74.00	25.14	150.0	V	340.0	4.73
4856.066667	48.43	74.00	25.57	150.0	V	290.0	4.92
4979.733333	47.03	74.00	26.97	150.0	V	312.0	4.90
5121.133333	47.68	74.00	26.32	150.0	V	106.0	5.57

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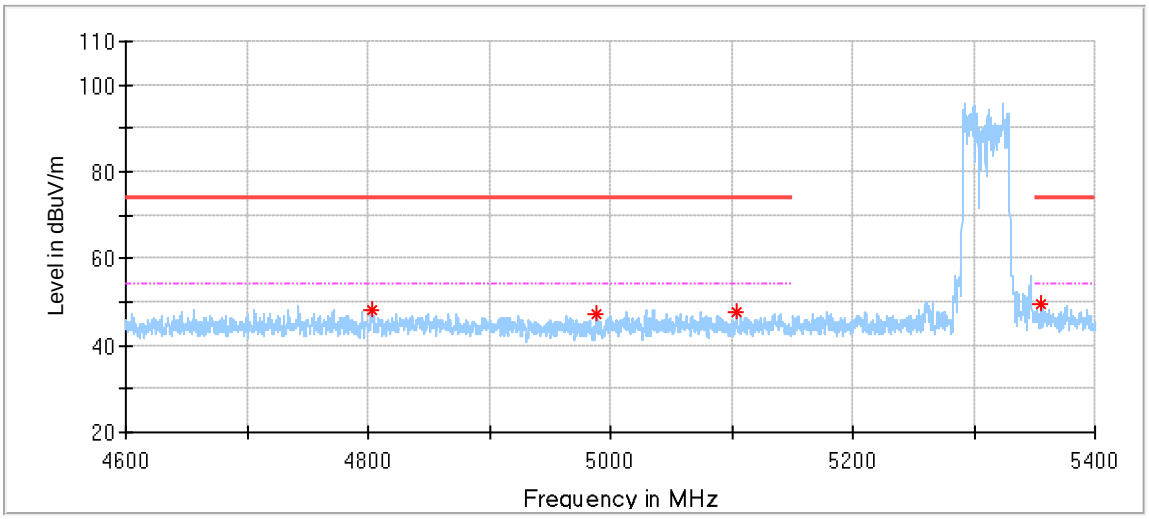
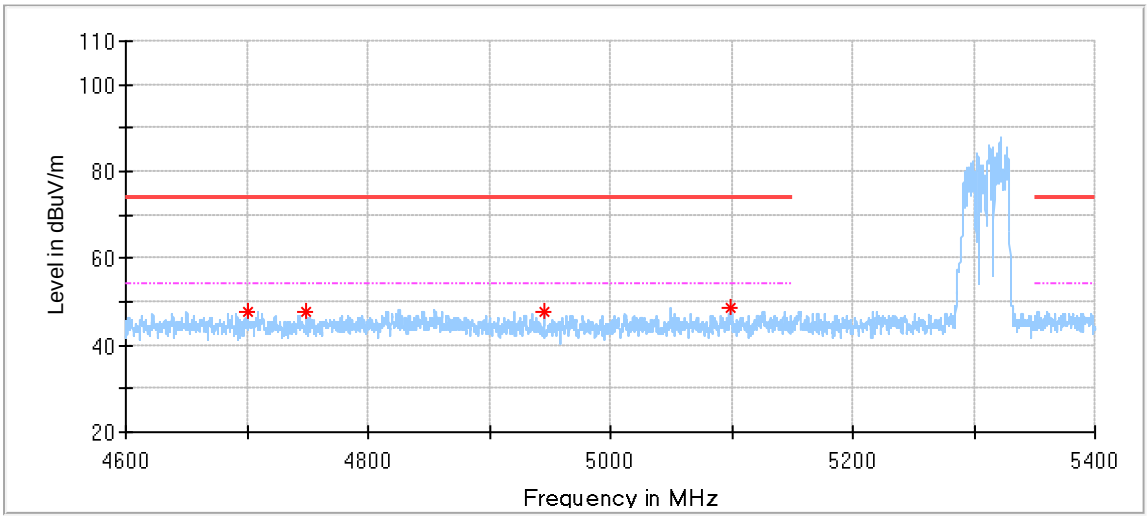
802.11ax40 Modulation 5310MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.000000	48.02	74.00	25.98	150.0	H	170.0	4.87
4988.733333	47.24	74.00	26.76	150.0	H	170.0	4.92
5103.933333	47.66	74.00	26.34	150.0	H	107.0	5.51
5355.533333	49.62	74.00	24.38	150.0	H	74.0	6.20



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4700.333333	47.60	74.00	26.40	150.0	V	235.0	4.59
4749.266667	47.88	74.00	26.12	150.0	V	114.0	4.72
4945.200000	47.55	74.00	26.45	150.0	V	4.0	5.01
5099.666667	48.57	74.00	25.43	150.0	V	0.0	5.50

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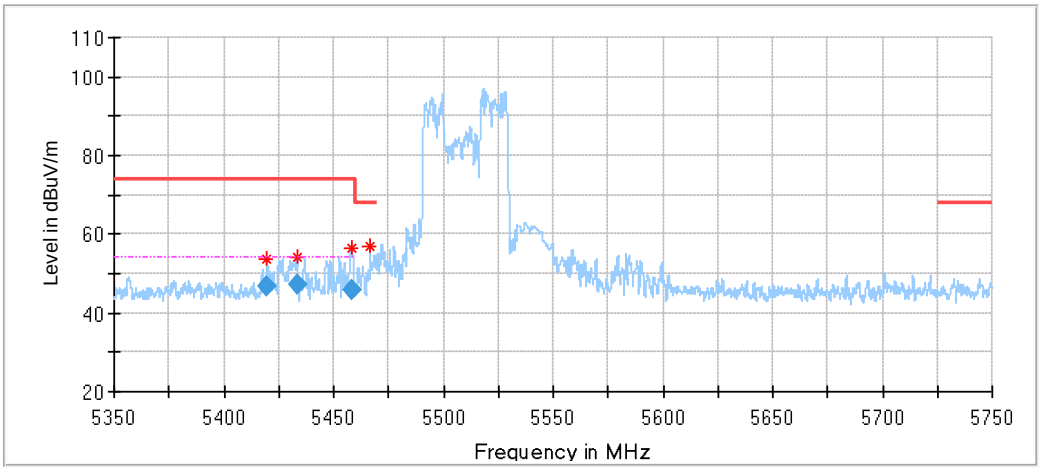
802.11ax40 Modulation 5510MHz Test Result

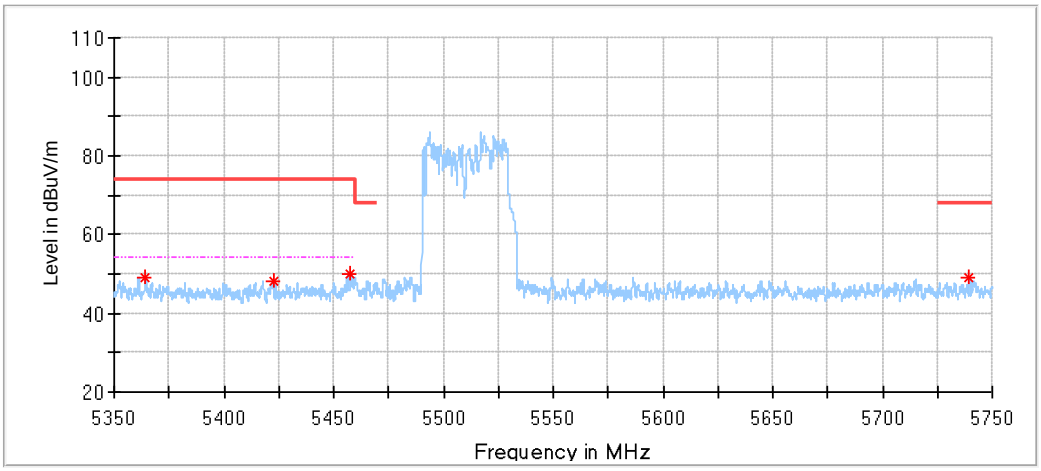


Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5419.566667	53.57	74.00	20.43	150.0	H	18.0	6.36
5433.300000	54.34	74.00	19.66	150.0	H	18.0	6.34
5458.300000	56.25	74.00	17.75	150.0	H	24.0	6.32
5466.666667	56.94	68.20	11.26	150.0	H	29.0	6.31

Final_Result

Frequency (MHz)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5419.566667	46.68	54.00	7.32	150.0	H	18.0	6.36
5433.300000	47.13	54.00	6.87	150.0	H	18.0	6.34
5458.300000	46.07	54.00	7.93	150.0	H	24.0	6.32



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5364.433333	48.87	74.00	25.13	150.0	V	79.0	6.29
5422.500000	48.06	74.00	25.94	150.0	V	130.0	6.35
5457.733333	50.15	74.00	23.85	150.0	V	172.0	6.32
5739.633333	49.29	68.20	18.91	150.0	V	34.0	6.57

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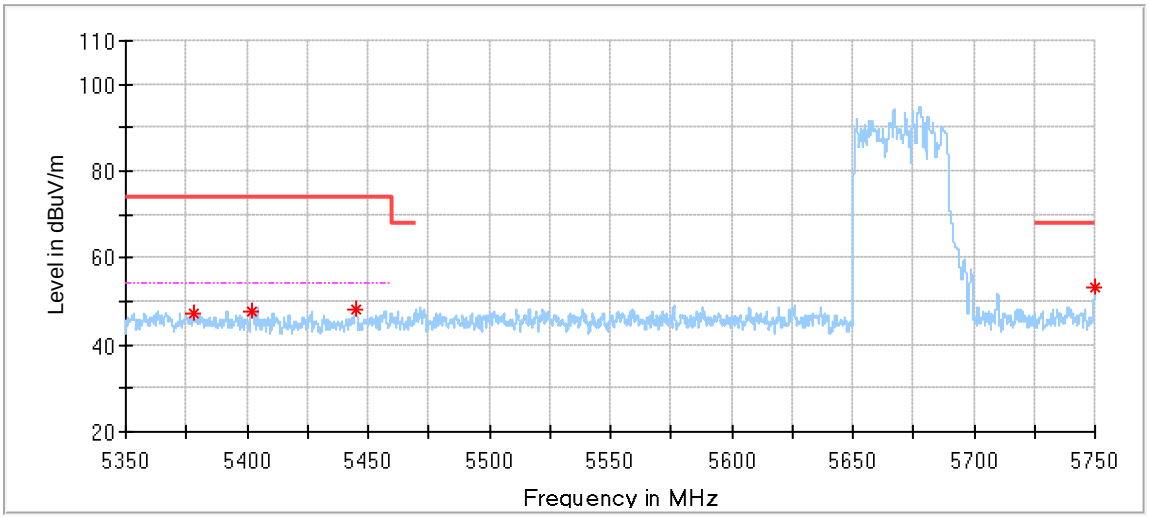
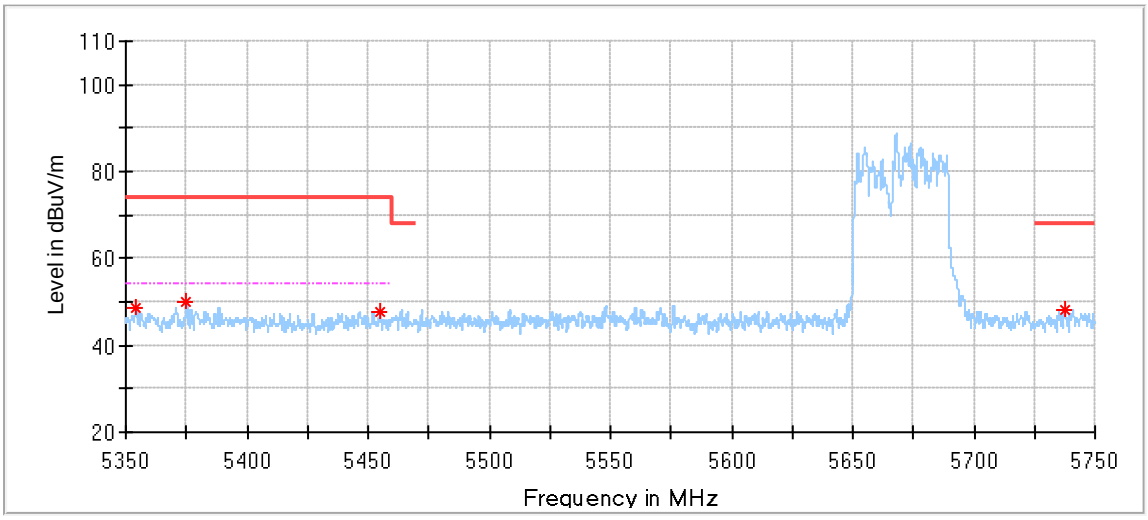
802.11ax40 Modulation 5670MHz Test Result



Critical_Freqs

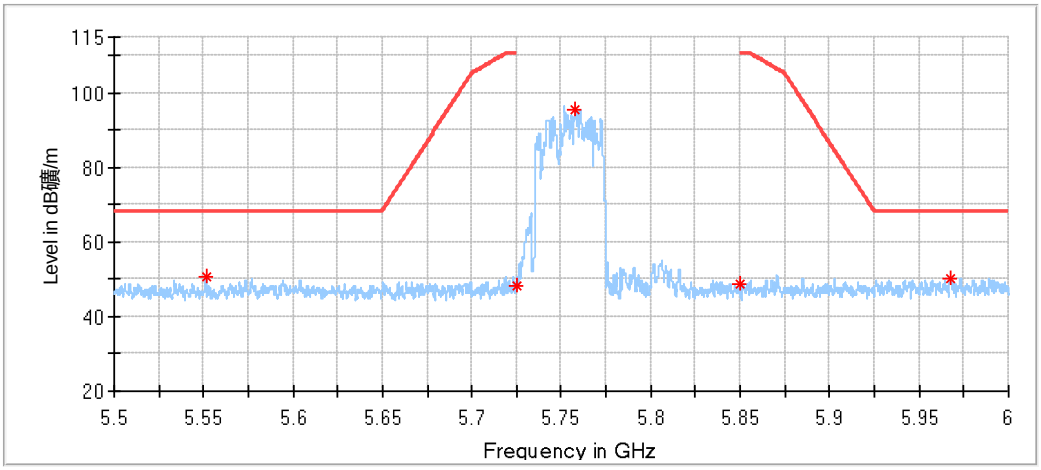
Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5378.066667	47.38	74.00	26.62	150.0	H	290.0	6.38
5401.800000	47.86	74.00	26.14	150.0	H	329.0	6.39
5445.033333	48.34	74.00	25.66	150.0	H	44.0	6.33
5750.000000	53.08	68.20	15.12	150.0	H	39.0	6.58



Critical_Freqs

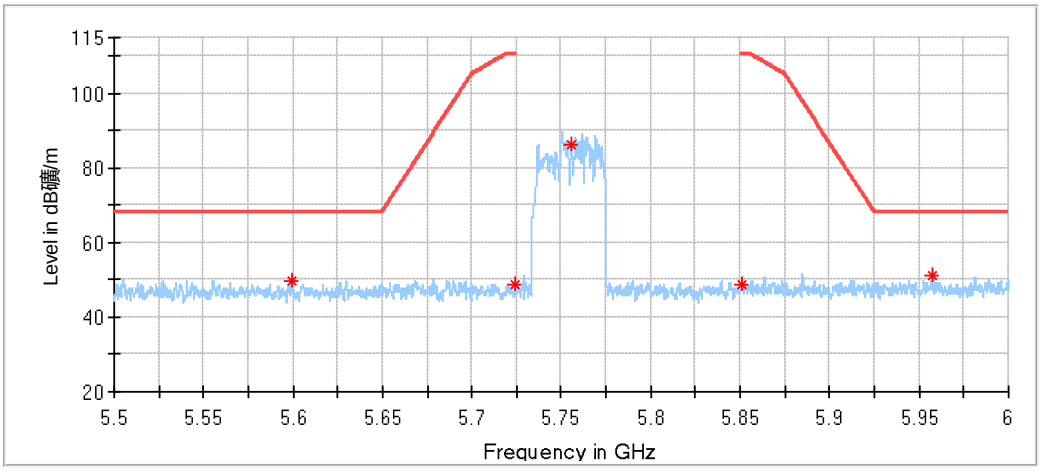
Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5354.333333	48.42	74.00	25.58	150.0	V	355.0	6.19
5374.933333	49.90	74.00	24.10	150.0	V	176.0	6.38
5455.033333	47.64	74.00	26.36	150.0	V	304.0	6.32
5737.433333	48.15	68.20	20.05	150.0	V	30.0	6.57

802.11ax40 Modulation 5755MHz Test Result



Critical_Freqs

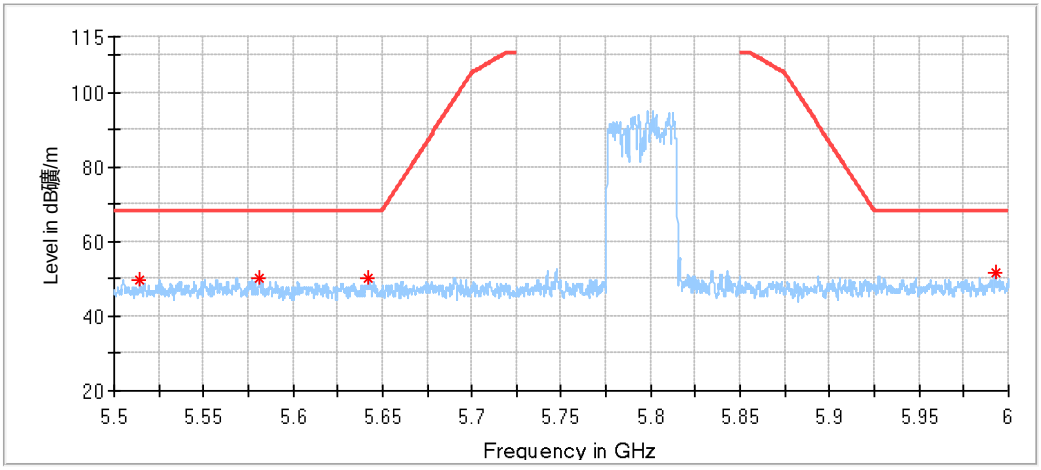
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5551.416667	50.51	68.20	17.69	150.0	H	241.0	7.35
5724.875000	48.39	110.80	62.41	150.0	H	288.0	7.12
5757.500000	95.75	---	---	150.0	H	283.0	7.17
5850.041667	48.51	110.80	62.29	150.0	H	296.0	7.42
5967.500000	50.21	68.20	17.99	150.0	H	232.0	8.08



Critical_Freqs

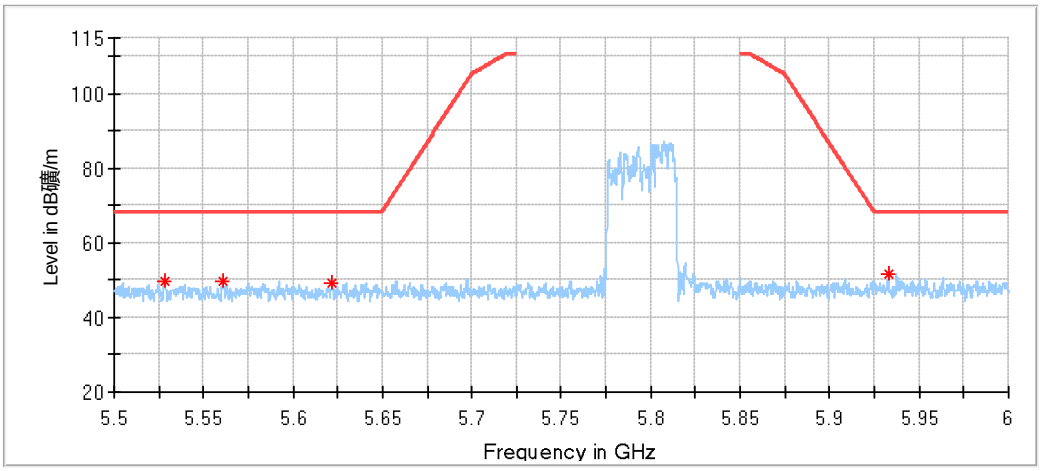
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5599.083333	49.92	68.20	18.28	150.0	V	182.0	6.66
5724.333333	48.52	110.80	62.28	150.0	V	210.0	7.12
5755.625000	86.10	---	---	150.0	V	201.0	7.17
5850.875000	48.52	110.80	62.28	150.0	V	52.0	7.43
5957.625000	51.23	68.20	16.97	150.0	V	122.0	7.95

802.11ax40 Modulation 5795MHz Test Result



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5514.291667	49.93	68.20	18.27	150.0	H	215.0	7.23
5581.375000	50.24	68.20	17.96	150.0	H	95.0	6.81
5642.375000	50.20	68.20	18.00	150.0	H	246.0	6.97
5992.458333	51.62	68.20	16.58	150.0	H	305.0	8.39



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5528.416667	49.94	68.20	18.26	150.0	V	45.0	7.46
5560.958333	49.94	68.20	18.26	150.0	V	231.0	7.17
5621.458333	49.13	68.20	19.07	150.0	V	163.0	6.82
5932.833333	51.44	68.20	16.76	150.0	V	158.0	7.71

Remark:
1, Corrected Amplitude = Read level + Corrector factor
Above 1GHz: Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain
Below 1GHz: Corrector factor = Antenna Factor + Cable Loss
2, “*” means the emission(s) appear within the restrict bands shall follow the requirement of section 15.205.
3, According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

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9.6 Frequencies Stability

Test Method

1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.
2. Set Centre Frequency of the channel under test.
3. Set Detector PEAK
4. Set RBW: 10KHz, VBW: 3RBW
5. Set Span: Encompass the entire emissions bandwidth (EBW) of the signal.
6. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
User manual temperature is 0℃ to +40℃, normal Temperature is +25℃.

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

Test Results (All conditions and all modes were performed, only list Worst-Case in the report)

Remark: NV is normal Voltage: 120.0Vac, HV is High Voltage: 138.0Vac, LV is Low Voltage: 102.0Vac, NT is normal Temperature: +25℃.

Limit: It is required that that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

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Mode	TX Type	Frequency (MHz)	RU	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	25	102	5180.080	5150 to 5250	Pass
					120	5180.020	5150 to 5250	Pass
					138	5180.020	5150 to 5250	Pass
				0	120	5180.040	5150 to 5250	Pass
				10	120	5180.020	5150 to 5250	Pass
				30	120	5180.000	5150 to 5250	Pass
				40	120	5180.040	5150 to 5250	Pass
		5200	/	25	102	5200.000	5150 to 5250	Pass
					120	5200.020	5150 to 5250	Pass
					138	5200.020	5150 to 5250	Pass
				0	120	5200.100	5150 to 5250	Pass
				10	120	5200.020	5150 to 5250	Pass
				30	120	5200.080	5150 to 5250	Pass
				40	120	5200.040	5150 to 5250	Pass
		5240	/	25	102	5240.000	5150 to 5250	Pass
					120	5240.000	5150 to 5250	Pass
					138	5240.020	5150 to 5250	Pass
				0	120	5240.020	5150 to 5250	Pass
				10	120	5240.020	5150 to 5250	Pass
				30	120	5240.080	5150 to 5250	Pass
				40	120	5240.000	5150 to 5250	Pass
		5260	/	25	102	5260.060	5250 to 5350	Pass
					120	5260.020	5250 to 5350	Pass
					138	5260.020	5250 to 5350	Pass
				0	120	5260.040	5250 to 5350	Pass
				10	120	5260.000	5250 to 5350	Pass
				30	120	5260.040	5250 to 5350	Pass
				40	120	5260.020	5250 to 5350	Pass
		5300	/	25	102	5300.080	5250 to 5350	Pass
					120	5300.060	5250 to 5350	Pass
					138	5300.020	5250 to 5350	Pass
				0	120	5300.020	5250 to 5350	Pass
				10	120	5299.980	5250 to 5350	Pass
				30	120	5300.020	5250 to 5350	Pass
				40	120	5300.020	5250 to 5350	Pass
		5320	/	25	102	5320.060	5250 to 5350	Pass
					120	5320.060	5250 to 5350	Pass
					138	5320.020	5250 to 5350	Pass
				0	120	5320.000	5250 to 5350	Pass
				10	120	5320.060	5250 to 5350	Pass
				30	120	5320.020	5250 to 5350	Pass
				40	120	5320.040	5250 to 5350	Pass
		5500	/	25	102	5500.040	5470 to 5725	Pass
					120	5500.020	5470 to 5725	Pass
					138	5500.000	5470 to 5725	Pass
				0	120	5500.000	5470 to 5725	Pass
				10	120	5500.000	5470 to 5725	Pass
				30	120	5500.020	5470 to 5725	Pass
				40	120	5500.020	5470 to 5725	Pass
		5580	/	25	102	5580.020	5470 to 5725	Pass
					120	5580.040	5470 to 5725	Pass
					138	5579.980	5470 to 5725	Pass
				0	120	5580.040	5470 to 5725	Pass
				10	120	5580.060	5470 to 5725	Pass
				30	120	5580.000	5470 to 5725	Pass
				40	120	5580.020	5470 to 5725	Pass
		5700	/	25	102	5700.020	5470 to 5725	Pass
					120	5700.000	5470 to 5725	Pass
					138	5700.040	5470 to 5725	Pass
				0	120	5700.060	5470 to 5725	Pass
				10	120	5699.980	5470 to 5725	Pass
				30	120	5700.040	5470 to 5725	Pass

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				40	120	5700.040	5470 to 5725	Pass
		5745	/	25	102	5745.020	5725 to 5850	Pass
					120	5745.000	5725 to 5850	Pass
					138	5745.020	5725 to 5850	Pass
				0	120	5745.000	5725 to 5850	Pass
				10	120	5745.000	5725 to 5850	Pass
				30	120	5745.040	5725 to 5850	Pass
				40	120	5745.040	5725 to 5850	Pass
		5785	/	25	102	5785.020	5725 to 5850	Pass
					120	5785.020	5725 to 5850	Pass
					138	5785.000	5725 to 5850	Pass
				0	120	5785.020	5725 to 5850	Pass
				10	120	5785.000	5725 to 5850	Pass
				30	120	5785.060	5725 to 5850	Pass
				40	120	5785.000	5725 to 5850	Pass
		5825	/	25	102	5825.080	5725 to 5850	Pass
					120	5825.040	5725 to 5850	Pass
					138	5825.000	5725 to 5850	Pass
				0	120	5825.020	5725 to 5850	Pass
				10	120	5825.020	5725 to 5850	Pass
				30	120	5825.040	5725 to 5850	Pass
				40	120	5824.940	5725 to 5850	Pass
		5720	/	25	102	5719.980	5470 to 5850	Pass
					120	5720.000	5470 to 5850	Pass
					138	5719.980	5470 to 5850	Pass
				0	120	5720.060	5470 to 5850	Pass
				10	120	5720.020	5470 to 5850	Pass
				30	120	5720.060	5470 to 5850	Pass
				40	120	5720.020	5470 to 5850	Pass
802.11n (HT20)	SISO	5180	/	25	102	5180.000	5150 to 5250	Pass
					120	5180.020	5150 to 5250	Pass
					138	5180.020	5150 to 5250	Pass
				0	120	5180.040	5150 to 5250	Pass
				10	120	5180.040	5150 to 5250	Pass
				30	120	5180.020	5150 to 5250	Pass
				40	120	5180.060	5150 to 5250	Pass
		5200	/	25	102	5199.980	5150 to 5250	Pass
					120	5200.040	5150 to 5250	Pass
					138	5200.060	5150 to 5250	Pass
				0	120	5200.020	5150 to 5250	Pass
				10	120	5200.040	5150 to 5250	Pass
				30	120	5200.060	5150 to 5250	Pass
				40	120	5200.000	5150 to 5250	Pass
		5240	/	20	102	5240.060	5150 to 5250	Pass
					120	5240.000	5150 to 5250	Pass
					138	5240.040	5150 to 5250	Pass
				0	120	5240.000	5150 to 5250	Pass
				10	120	5240.000	5150 to 5250	Pass
				30	120	5240.020	5150 to 5250	Pass
				40	120	5240.060	5150 to 5250	Pass
		5260	/	25	102	5260.000	5250 to 5350	Pass
					120	5260.020	5250 to 5350	Pass
					138	5260.040	5250 to 5350	Pass
				0	120	5260.040	5250 to 5350	Pass
				10	120	5260.040	5250 to 5350	Pass
				30	120	5260.040	5250 to 5350	Pass
				40	120	5260.020	5250 to 5350	Pass
		5300	/	25	102	5300.020	5250 to 5350	Pass
					120	5300.040	5250 to 5350	Pass
					138	5300.020	5250 to 5350	Pass
				0	120	5300.020	5250 to 5350	Pass
				10	120	5300.040	5250 to 5350	Pass
				30	120	5300.000	5250 to 5350	Pass
				40	120	5300.040	5250 to 5350	Pass

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		5320	/	25	102	5320.040	5250 to 5350	Pass
					120	5320.040	5250 to 5350	Pass
					138	5320.020	5250 to 5350	Pass
				0	120	5320.000	5250 to 5350	Pass
				10	120	5320.020	5250 to 5350	Pass
				30	120	5320.020	5250 to 5350	Pass
				40	120	5320.060	5250 to 5350	Pass
		5500	/	25	102	5499.980	5470 to 5725	Pass
					120	5499.960	5470 to 5725	Pass
					138	5500.040	5470 to 5725	Pass
				0	120	5500.000	5470 to 5725	Pass
				10	120	5500.040	5470 to 5725	Pass
				30	120	5500.040	5470 to 5725	Pass
				40	120	5500.060	5470 to 5725	Pass
		5580	/	25	102	5580.020	5470 to 5725	Pass
					120	5580.040	5470 to 5725	Pass
					138	5580.060	5470 to 5725	Pass
				0	120	5580.080	5470 to 5725	Pass
				10	120	5580.060	5470 to 5725	Pass
				30	120	5580.040	5470 to 5725	Pass
				40	120	5580.020	5470 to 5725	Pass
		5700	/	25	102	5700.040	5470 to 5725	Pass
					120	5700.040	5470 to 5725	Pass
					138	5700.040	5470 to 5725	Pass
				0	120	5700.060	5470 to 5725	Pass
				10	120	5700.020	5470 to 5725	Pass
				30	120	5699.980	5470 to 5725	Pass
				40	120	5700.020	5470 to 5725	Pass
		5745	/	25	102	5745.060	5725 to 5850	Pass
					120	5745.020	5725 to 5850	Pass
					138	5744.980	5725 to 5850	Pass
				0	120	5745.040	5725 to 5850	Pass
				10	120	5745.040	5725 to 5850	Pass
				30	120	5745.020	5725 to 5850	Pass
				40	120	5745.060	5725 to 5850	Pass
		5785	/	25	102	5785.040	5725 to 5850	Pass
					120	5785.000	5725 to 5850	Pass
					138	5785.020	5725 to 5850	Pass
				0	120	5785.040	5725 to 5850	Pass
				10	120	5785.020	5725 to 5850	Pass
				30	120	5785.020	5725 to 5850	Pass
				40	120	5784.980	5725 to 5850	Pass
		5825	/	25	102	5825.000	5725 to 5850	Pass
					120	5825.000	5725 to 5850	Pass
					138	5825.020	5725 to 5850	Pass
				0	120	5825.040	5725 to 5850	Pass
				10	120	5825.020	5725 to 5850	Pass
				30	120	5825.040	5725 to 5850	Pass
				40	120	5825.060	5725 to 5850	Pass
		5720	/	25	102	5720.000	5470 to 5850	Pass
					120	5720.020	5470 to 5850	Pass
					138	5720.000	5470 to 5850	Pass
				0	120	5719.980	5470 to 5850	Pass
				10	120	5719.960	5470 to 5850	Pass
				30	120	5720.060	5470 to 5850	Pass
				40	120	5720.020	5470 to 5850	Pass
802.11n (HT40)	SISO	5190	/	25	102	5190.040	5150 to 5250	Pass
					120	5190.000	5150 to 5250	Pass
					138	5190.080	5150 to 5250	Pass
				0	120	5190.080	5150 to 5250	Pass
				10	120	5190.080	5150 to 5250	Pass
				30	120	5190.160	5150 to 5250	Pass
				40	120	5190.120	5150 to 5250	Pass
		5230	/	25	102	5230.120	5150 to 5250	Pass

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					120	5230.080	5150 to 5250	Pass
					138	5230.080	5150 to 5250	Pass
				0	120	5230.080	5150 to 5250	Pass
				10	120	5230.080	5150 to 5250	Pass
				30	120	5230.080	5150 to 5250	Pass
				40	120	5230.120	5150 to 5250	Pass
		5270	/	25	102	5270.080	5250 to 5350	Pass
					120	5270.080	5250 to 5350	Pass
					138	5270.120	5250 to 5350	Pass
				0	120	5270.040	5250 to 5350	Pass
				10	120	5270.120	5250 to 5350	Pass
				30	120	5270.160	5250 to 5350	Pass
				40	120	5270.120	5250 to 5350	Pass
		5310	/	25	102	5310.040	5250 to 5350	Pass
					120	5310.120	5250 to 5350	Pass
					138	5310.080	5250 to 5350	Pass
				-30	120	5310.080	5250 to 5350	Pass
				-20	120	5310.000	5250 to 5350	Pass
				-10	120	5310.040	5250 to 5350	Pass
				0	120	5310.040	5250 to 5350	Pass
				10	120	5310.080	5250 to 5350	Pass
				30	120	5310.080	5250 to 5350	Pass
				40	120	5310.120	5250 to 5350	Pass
				50	120	5310.040	5250 to 5350	Pass
		5510	/	25	102	5510.040	5470 to 5725	Pass
					120	5510.080	5470 to 5725	Pass
					138	5510.040	5470 to 5725	Pass
				-30	120	5510.040	5470 to 5725	Pass
				-20	120	5510.120	5470 to 5725	Pass
				-10	120	5510.080	5470 to 5725	Pass
				0	120	5510.000	5470 to 5725	Pass
				10	120	5510.040	5470 to 5725	Pass
				30	120	5510.080	5470 to 5725	Pass
				40	120	5510.000	5470 to 5725	Pass
				50	120	5510.040	5470 to 5725	Pass
		5550	/	25	102	5550.000	5470 to 5725	Pass
					120	5550.000	5470 to 5725	Pass
					138	5550.040	5470 to 5725	Pass
				0	120	5550.080	5470 to 5725	Pass
				10	120	5550.080	5470 to 5725	Pass
				30	120	5550.000	5470 to 5725	Pass
				40	120	5550.040	5470 to 5725	Pass
		5670	/	25	102	5670.040	5470 to 5725	Pass
					120	5670.040	5470 to 5725	Pass
					138	5670.040	5470 to 5725	Pass
				0	120	5670.040	5470 to 5725	Pass
				10	120	5670.040	5470 to 5725	Pass
				30	120	5670.040	5470 to 5725	Pass
				40	120	5670.040	5470 to 5725	Pass
		5755	/	25	102	5755.040	5725 to 5850	Pass
					120	5755.080	5725 to 5850	Pass
					138	5755.000	5725 to 5850	Pass
				0	120	5755.040	5725 to 5850	Pass
				10	120	5755.000	5725 to 5850	Pass
				30	120	5755.040	5725 to 5850	Pass
				40	120	5755.080	5725 to 5850	Pass
		5795	/	25	102	5795.000	5725 to 5850	Pass
					120	5795.040	5725 to 5850	Pass
					138	5795.040	5725 to 5850	Pass
				0	120	5795.040	5725 to 5850	Pass
				10	120	5795.000	5725 to 5850	Pass
				30	120	5795.040	5725 to 5850	Pass
				40	120	5795.040	5725 to 5850	Pass
		5710	/	25	102	5710.040	5470 to 5850	Pass

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					120	5710.080	5470 to 5850	Pass
					138	5710.000	5470 to 5850	Pass
				0	120	5710.000	5470 to 5850	Pass
				10	120	5710.080	5470 to 5850	Pass
				30	120	5710.000	5470 to 5850	Pass
				40	120	5710.000	5470 to 5850	Pass
802.11ac (VHT20)	SISO	5180	/	25	102	5180.040	5150 to 5250	Pass
					120	5180.020	5150 to 5250	Pass
					138	5180.020	5150 to 5250	Pass
				0	120	5180.040	5150 to 5250	Pass
				10	120	5180.040	5150 to 5250	Pass
				30	120	5180.020	5150 to 5250	Pass
				40	120	5180.060	5150 to 5250	Pass
		5200	/	25	102	5200.000	5150 to 5250	Pass
					120	5200.040	5150 to 5250	Pass
					138	5200.060	5150 to 5250	Pass
				0	120	5200.060	5150 to 5250	Pass
				10	120	5200.040	5150 to 5250	Pass
				30	120	5200.080	5150 to 5250	Pass
				40	120	5200.060	5150 to 5250	Pass
		5240	/	25	102	5240.040	5150 to 5250	Pass
					120	5240.020	5150 to 5250	Pass
					138	5240.060	5150 to 5250	Pass
				0	120	5240.040	5150 to 5250	Pass
				10	120	5240.020	5150 to 5250	Pass
				30	120	5240.060	5150 to 5250	Pass
				40	120	5240.060	5150 to 5250	Pass
		5260	/	25	102	5260.080	5250 to 5350	Pass
					120	5260.040	5250 to 5350	Pass
					138	5260.040	5250 to 5350	Pass
				0	120	5260.080	5250 to 5350	Pass
				10	120	5260.060	5250 to 5350	Pass
				30	120	5260.100	5250 to 5350	Pass
				40	120	5260.040	5250 to 5350	Pass
		5300	/	25	102	5300.040	5250 to 5350	Pass
					120	5299.940	5250 to 5350	Pass
					138	5300.020	5250 to 5350	Pass
				0	120	5300.020	5250 to 5350	Pass
				10	120	5300.000	5250 to 5350	Pass
				30	120	5300.040	5250 to 5350	Pass
				40	120	5300.020	5250 to 5350	Pass
		5320	/	25	102	5320.040	5250 to 5350	Pass
					120	5320.040	5250 to 5350	Pass
					138	5320.000	5250 to 5350	Pass
				0	120	5320.060	5250 to 5350	Pass
				10	120	5320.020	5250 to 5350	Pass
				30	120	5320.060	5250 to 5350	Pass
				40	120	5320.060	5250 to 5350	Pass
		5500	/	25	102	5500.020	5470 to 5725	Pass
					120	5500.060	5470 to 5725	Pass
					138	5500.020	5470 to 5725	Pass
				0	120	5500.040	5470 to 5725	Pass
				10	120	5500.040	5470 to 5725	Pass
				30	120	5500.040	5470 to 5725	Pass
				40	120	5500.040	5470 to 5725	Pass
		5580	/	25	102	5580.020	5470 to 5725	Pass
					120	5580.020	5470 to 5725	Pass
					138	5580.060	5470 to 5725	Pass
				0	120	5580.000	5470 to 5725	Pass
				10	120	5580.040	5470 to 5725	Pass
				30	120	5580.060	5470 to 5725	Pass
				40	120	5579.980	5470 to 5725	Pass
		5700	/	25	102	5700.040	5470 to 5725	Pass
					120	5700.040	5470 to 5725	Pass

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					138	5700.040	5470 to 5725	Pass
				0	120	5700.000	5470 to 5725	Pass
				10	120	5700.040	5470 to 5725	Pass
				30	120	5699.980	5470 to 5725	Pass
				40	120	5700.020	5470 to 5725	Pass
		5745	/	25	102	5745.060	5725 to 5850	Pass
					120	5745.020	5725 to 5850	Pass
					138	5745.000	5725 to 5850	Pass
				0	120	5745.020	5725 to 5850	Pass
				10	120	5745.040	5725 to 5850	Pass
				30	120	5745.040	5725 to 5850	Pass
				40	120	5744.980	5725 to 5850	Pass
		5785	/	25	102	5785.000	5725 to 5850	Pass
					120	5785.000	5725 to 5850	Pass
					138	5785.000	5725 to 5850	Pass
				0	120	5785.040	5725 to 5850	Pass
				10	120	5785.080	5725 to 5850	Pass
				30	120	5785.020	5725 to 5850	Pass
				40	120	5785.020	5725 to 5850	Pass
		5825	/	25	102	5825.000	5725 to 5850	Pass
					120	5825.080	5725 to 5850	Pass
					138	5824.960	5725 to 5850	Pass
				0	120	5825.020	5725 to 5850	Pass
				10	120	5824.980	5725 to 5850	Pass
				30	120	5824.980	5725 to 5850	Pass
				40	120	5824.980	5725 to 5850	Pass
		5720	/	25	102	5720.000	5470 to 5850	Pass
					120	5720.020	5470 to 5850	Pass
					138	5720.020	5470 to 5850	Pass
				0	120	5720.040	5470 to 5850	Pass
				10	120	5720.020	5470 to 5850	Pass
				30	120	5720.040	5470 to 5850	Pass
				40	120	5720.000	5470 to 5850	Pass
802.11ac (VHT40)	SISO	5190	/	25	102	5190.120	5150 to 5250	Pass
					120	5190.040	5150 to 5250	Pass
					138	5190.040	5150 to 5250	Pass
				0	120	5190.120	5150 to 5250	Pass
				10	120	5190.080	5150 to 5250	Pass
				30	120	5190.080	5150 to 5250	Pass
				40	120	5189.960	5150 to 5250	Pass
		5230	/	25	102	5230.040	5150 to 5250	Pass
					120	5230.080	5150 to 5250	Pass
					138	5230.080	5150 to 5250	Pass
				0	120	5230.040	5150 to 5250	Pass
				10	120	5230.080	5150 to 5250	Pass
				30	120	5230.040	5150 to 5250	Pass
				40	120	5230.080	5150 to 5250	Pass
		5270	/	25	102	5270.080	5250 to 5350	Pass
					120	5270.080	5250 to 5350	Pass
					138	5270.040	5250 to 5350	Pass
				0	120	5270.080	5250 to 5350	Pass
				10	120	5270.040	5250 to 5350	Pass
				30	120	5270.080	5250 to 5350	Pass
				40	120	5270.080	5250 to 5350	Pass
		5310	/	25	102	5310.080	5250 to 5350	Pass
					120	5310.040	5250 to 5350	Pass
					138	5310.040	5250 to 5350	Pass
				0	120	5310.040	5250 to 5350	Pass
				10	120	5310.120	5250 to 5350	Pass
				30	120	5310.040	5250 to 5350	Pass
				40	120	5310.080	5250 to 5350	Pass
		5510	/	25	102	5510.000	5470 to 5725	Pass
					120	5510.040	5470 to 5725	Pass
					138	5510.000	5470 to 5725	Pass

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				0	120	5510.080	5470 to 5725	Pass
				10	120	5510.040	5470 to 5725	Pass
				30	120	5510.040	5470 to 5725	Pass
				40	120	5510.040	5470 to 5725	Pass
		5550	/	25	102	5550.040	5470 to 5725	Pass
					120	5550.040	5470 to 5725	Pass
					138	5550.000	5470 to 5725	Pass
				0	120	5550.040	5470 to 5725	Pass
				10	120	5550.000	5470 to 5725	Pass
				30	120	5550.040	5470 to 5725	Pass
				40	120	5550.000	5470 to 5725	Pass
		5670	/	25	102	5669.960	5470 to 5725	Pass
					120	5670.040	5470 to 5725	Pass
					138	5670.000	5470 to 5725	Pass
				0	120	5670.000	5470 to 5725	Pass
				10	120	5670.000	5470 to 5725	Pass
				30	120	5669.960	5470 to 5725	Pass
				40	120	5669.960	5470 to 5725	Pass
		5755	/	25	102	5755.080	5725 to 5850	Pass
					120	5755.040	5725 to 5850	Pass
					138	5755.040	5725 to 5850	Pass
				0	120	5755.000	5725 to 5850	Pass
				10	120	5755.040	5725 to 5850	Pass
				30	120	5755.080	5725 to 5850	Pass
				40	120	5755.080	5725 to 5850	Pass
		5795	/	25	102	5795.040	5725 to 5850	Pass
					120	5795.000	5725 to 5850	Pass
					138	5795.000	5725 to 5850	Pass
				0	120	5795.000	5725 to 5850	Pass
				10	120	5795.040	5725 to 5850	Pass
				30	120	5795.040	5725 to 5850	Pass
				40	120	5794.960	5725 to 5850	Pass
		5710	/	25	102	5710.080	5470 to 5850	Pass
					120	5709.960	5470 to 5850	Pass
					138	5710.000	5470 to 5850	Pass
				0	120	5710.040	5470 to 5850	Pass
				10	120	5710.000	5470 to 5850	Pass
				30	120	5710.000	5470 to 5850	Pass
				40	120	5710.080	5470 to 5850	Pass
802.11ax (HEW20)	SISO	5180	SU	25	102	5179.920	5150 to 5250	Pass
					120	5180.100	5150 to 5250	Pass
					138	5179.960	5150 to 5250	Pass
				0	120	5180.060	5150 to 5250	Pass
				10	120	5180.080	5150 to 5250	Pass
				30	120	5180.020	5150 to 5250	Pass
				40	120	5180.020	5150 to 5250	Pass
		5200	SU	25	102	5200.060	5150 to 5250	Pass
					120	5200.060	5150 to 5250	Pass
					138	5200.040	5150 to 5250	Pass
				0	120	5200.020	5150 to 5250	Pass
				10	120	5200.060	5150 to 5250	Pass
				30	120	5200.040	5150 to 5250	Pass
				40	120	5200.060	5150 to 5250	Pass
		5240	SU	25	102	5240.040	5150 to 5250	Pass
					120	5240.060	5150 to 5250	Pass
					138	5240.080	5150 to 5250	Pass
				0	120	5240.080	5150 to 5250	Pass
				10	120	5240.060	5150 to 5250	Pass
				30	120	5239.980	5150 to 5250	Pass
				40	120	5239.980	5150 to 5250	Pass
		5260	SU	25	102	5259.980	5250 to 5350	Pass
					120	5260.020	5250 to 5350	Pass
					138	5260.100	5250 to 5350	Pass
				0	120	5260.040	5250 to 5350	Pass

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				10	120	5260.000	5250 to 5350	Pass
				30	120	5260.060	5250 to 5350	Pass
				40	120	5260.000	5250 to 5350	Pass
		5300	SU	25	102	5300.060	5250 to 5350	Pass
					120	5300.040	5250 to 5350	Pass
					138	5300.060	5250 to 5350	Pass
				0	120	5300.020	5250 to 5350	Pass
				10	120	5299.980	5250 to 5350	Pass
				30	120	5299.980	5250 to 5350	Pass
				40	120	5300.080	5250 to 5350	Pass
		5320	SU	25	102	5319.980	5250 to 5350	Pass
					120	5320.020	5250 to 5350	Pass
					138	5319.980	5250 to 5350	Pass
				0	120	5320.060	5250 to 5350	Pass
				10	120	5319.960	5250 to 5350	Pass
				30	120	5320.040	5250 to 5350	Pass
				40	120	5320.000	5250 to 5350	Pass
		5500	SU	25	102	5500.100	5470 to 5725	Pass
					120	5500.020	5470 to 5725	Pass
					138	5500.040	5470 to 5725	Pass
				0	120	5500.040	5470 to 5725	Pass
				10	120	5500.060	5470 to 5725	Pass
				30	120	5499.940	5470 to 5725	Pass
				40	120	5500.060	5470 to 5725	Pass
		5580	SU	25	102	5579.980	5470 to 5725	Pass
					120	5580.040	5470 to 5725	Pass
					138	5580.060	5470 to 5725	Pass
				0	120	5579.980	5470 to 5725	Pass
				10	120	5580.100	5470 to 5725	Pass
				30	120	5580.000	5470 to 5725	Pass
				40	120	5579.960	5470 to 5725	Pass
		5700	SU	25	102	5700.020	5470 to 5725	Pass
					120	5699.940	5470 to 5725	Pass
					138	5700.060	5470 to 5725	Pass
				0	120	5699.980	5470 to 5725	Pass
				10	120	5700.000	5470 to 5725	Pass
				30	120	5700.040	5470 to 5725	Pass
				40	120	5700.000	5470 to 5725	Pass
		5745	SU	25	102	5745.040	5725 to 5850	Pass
					120	5745.040	5725 to 5850	Pass
					138	5745.000	5725 to 5850	Pass
				0	120	5745.020	5725 to 5850	Pass
				10	120	5745.000	5725 to 5850	Pass
				30	120	5745.020	5725 to 5850	Pass
				40	120	5745.080	5725 to 5850	Pass
		5785	SU	25	102	5785.040	5725 to 5850	Pass
					120	5785.020	5725 to 5850	Pass
					138	5785.020	5725 to 5850	Pass
				0	120	5784.960	5725 to 5850	Pass
				10	120	5785.020	5725 to 5850	Pass
				30	120	5785.040	5725 to 5850	Pass
				40	120	5785.020	5725 to 5850	Pass
		5825	SU	25	102	5825.000	5725 to 5850	Pass
					120	5825.040	5725 to 5850	Pass
					138	5824.980	5725 to 5850	Pass
				0	120	5825.000	5725 to 5850	Pass
				10	120	5825.060	5725 to 5850	Pass
				30	120	5825.000	5725 to 5850	Pass
				40	120	5825.000	5725 to 5850	Pass
		5720	SU	25	102	5719.980	5470 to 5850	Pass
					120	5720.040	5470 to 5850	Pass
					138	5719.980	5470 to 5850	Pass
				0	120	5720.020	5470 to 5850	Pass
				10	120	5719.980	5470 to 5850	Pass

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				30	120	5720.000	5470 to 5850	Pass
				40	120	5720.020	5470 to 5850	Pass
802.11ax (HEW40)	SISO	5190	SU	25	102	5190.120	5150 to 5250	Pass
					120	5190.080	5150 to 5250	Pass
					138	5190.120	5150 to 5250	Pass
				0	120	5190.040	5150 to 5250	Pass
				10	120	5190.080	5150 to 5250	Pass
				30	120	5190.120	5150 to 5250	Pass
				40	120	5190.080	5150 to 5250	Pass
		5230	SU	25	102	5230.080	5150 to 5250	Pass
					120	5230.120	5150 to 5250	Pass
					138	5230.120	5150 to 5250	Pass
				0	120	5230.120	5150 to 5250	Pass
				10	120	5230.120	5150 to 5250	Pass
				30	120	5230.080	5150 to 5250	Pass
				40	120	5230.080	5150 to 5250	Pass
		5270	SU	25	102	5270.080	5250 to 5350	Pass
					120	5270.000	5250 to 5350	Pass
					138	5270.000	5250 to 5350	Pass
				0	120	5270.000	5250 to 5350	Pass
				10	120	5270.000	5250 to 5350	Pass
				30	120	5270.040	5250 to 5350	Pass
				40	120	5270.040	5250 to 5350	Pass
		5310	SU	25	102	5310.040	5250 to 5350	Pass
					120	5310.040	5250 to 5350	Pass
					138	5310.000	5250 to 5350	Pass
				0	120	5310.040	5250 to 5350	Pass
				10	120	5310.040	5250 to 5350	Pass
				30	120	5310.040	5250 to 5350	Pass
				40	120	5310.080	5250 to 5350	Pass
		5510	SU	25	102	5510.080	5470 to 5725	Pass
					120	5510.160	5470 to 5725	Pass
					138	5510.040	5470 to 5725	Pass
				0	120	5510.040	5470 to 5725	Pass
				10	120	5510.040	5470 to 5725	Pass
				30	120	5510.000	5470 to 5725	Pass
				40	120	5510.040	5470 to 5725	Pass
		5550	SU	25	102	5550.000	5470 to 5725	Pass
					120	5550.040	5470 to 5725	Pass
					138	5550.040	5470 to 5725	Pass
				0	120	5550.040	5470 to 5725	Pass
				10	120	5550.040	5470 to 5725	Pass
				30	120	5549.960	5470 to 5725	Pass
				40	120	5550.000	5470 to 5725	Pass
		5670	SU	25	102	5670.080	5470 to 5725	Pass
					120	5670.040	5470 to 5725	Pass
					138	5670.080	5470 to 5725	Pass
				0	120	5670.080	5470 to 5725	Pass
				10	120	5670.000	5470 to 5725	Pass
				30	120	5670.000	5470 to 5725	Pass
				40	120	5669.960	5470 to 5725	Pass
		5755	SU	25	102	5755.040	5725 to 5850	Pass
					120	5755.040	5725 to 5850	Pass
					138	5755.040	5725 to 5850	Pass
				0	120	5755.040	5725 to 5850	Pass
				10	120	5755.080	5725 to 5850	Pass
				30	120	5755.120	5725 to 5850	Pass
				40	120	5755.120	5725 to 5850	Pass
		5795	SU	25	102	5795.000	5725 to 5850	Pass
					120	5795.040	5725 to 5850	Pass
					138	5795.000	5725 to 5850	Pass
				0	120	5794.960	5725 to 5850	Pass
				10	120	5795.000	5725 to 5850	Pass
				30	120	5795.040	5725 to 5850	Pass

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				40	120	5795.120	5725 to 5850	Pass
		5710	SU	25	102	5710.040	5470 to 5850	Pass
					120	5710.080	5470 to 5850	Pass
					138	5710.040	5470 to 5850	Pass
				0	120	5710.040	5470 to 5850	Pass
				10	120	5709.960	5470 to 5850	Pass
				30	120	5710.000	5470 to 5850	Pass
				40	120	5710.120	5470 to 5850	Pass

Remark 1: LV = 85% of the nominal supply voltage, HV =115% of the nominal supply voltage
Remark 2: we test all frequencies which specified in section 8 and only show these representative frequencies.

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9.7 Dynamic Frequency Selection (DFS)

Mode of Operation:

Parameters of EUT	
Frequency	5250-5350MHz 5470-5600MHz 5650-5725MHz
Operational Mode	☐Master ☒Client without Radar Detection ☐Client with Radar Detection
Modulation	OFDM
Channel Bandwidth	20MHz, 40MHz

Working Modes and required Test Items

The manufacturer shall whether the EUT is capable of operating as a master and a client. If the EUT is capable of operating in more than one operating mode then each operating mode shall be tested separately.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

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Requirement:
Per KDB 905462 D02 v02 the following are the requirements for client Devices:
a) A Client Device will not transmit before having received appropriate control signals from a Master Device.
b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.
c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.
d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.
e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear**.**

Table 3: DFS Response Requirement Values

Parameter	**Value**
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: *Channel Move Time* and the *Channel Closing Transmission Time* should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. **Note 2:** The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. **Note 3:** During the *U-NII Detection Bandwidth* detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

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DFS Detection Thresholds Values

Table 4 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

Table 4: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

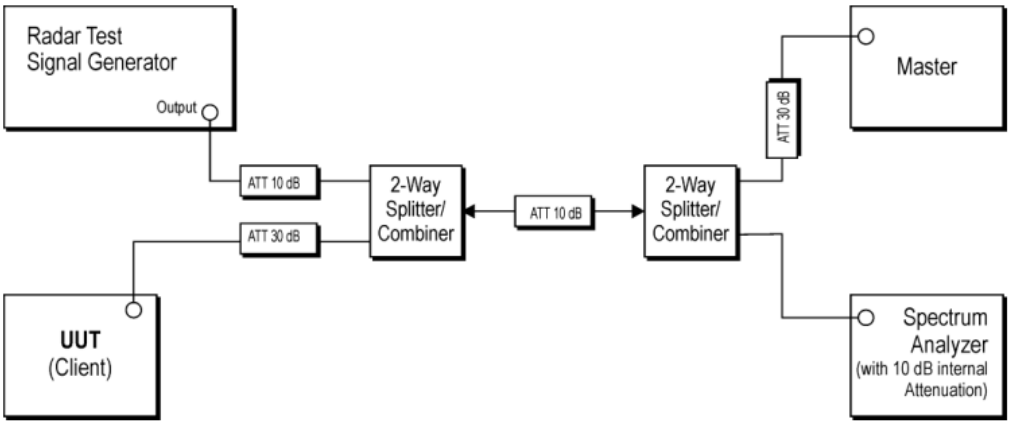
Maximum Transmit Power	**Value (See Notes 1, 2, and 3)**
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Test Procedure

The FCC KDB 905462 D02 v02 describes a radiated test setup and a conducted test setup. A conducted test setup was used for this testing. Figure 1 shows the typical test setup. One channel selected between 5260 and 5350 MHz is chosen for the testing.

Figure 1. Test Setup for DFS

Setup for client with injection at the master.



Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period.

Block Diagram of test setup test procedure.

(1) The Radar Pulse generator is setup to provide a pulse at frequency that the master and client are operating, A type 0 radar pulse is used for the testing.
(2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -62dBm at the antenna of the master device.
(3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
(4) The Client Device (EUT) is set up per the diagram in Figure 1 and communications between the Master device and the Client is established.
(5) Iperf software is used to properly load the test channel.
(6) The real ime spectrum analyzer is set to record a 16sec window to any transmissions occurring up to and after 10sec.

(7) The system is again setup and the monitoring time is shortened in order to capture the Channel Closing Transmission Time. This time is measured to ensure that the Client ceases transmission within 200ms and the aggregate of emissions occurring after 200ms up to 10 sec do not exceed 60ms.
(Note: the channel may be different since the Master and Client have changed channels due to the detection of e initial radar pulse.)

(8) After the initial radar burst the channel is monitored for 30 minutes to ensure no transmissions or beacons occur. A second monitoring setup is used to verify that the Master and Client have both moved to different channels.

Test Result

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Not Applicable	N/A
15.407	Channel Availability Check time	Not Applicable	N/A
15.407	Channel Move time	Applicable	Pass
15.407	Channel Closing Transmission time	Applicable	Pass
15.407	Non-occupancy Period	Not Applicable	N/A
15.407	Uniform Spreading	Not Applicable	N/A
15.407	U-NII Detection Bandwidth	Not Applicable	N/A

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11A	5280	Type0	-62.39	-61.00	PASS
	5500	Type0	-61.97	-61.00	PASS
11N40	5270	Type0	-63.54	-61.00	PASS
	5510	Type0	-62.65	-61.00	PASS

Test Mode	Channel [MHz]	CCT [ms]	Limit [ms]	CMT [ms]	Limit [ms]	Verdict
11A	5280	214.62	260	866.02	10000	PASS
	5500	224.51	260	814.85	10000	PASS
11N40	5270	223.65	260	963.63	10000	PASS
	5510	211.61	260	807.97	10000	PASS

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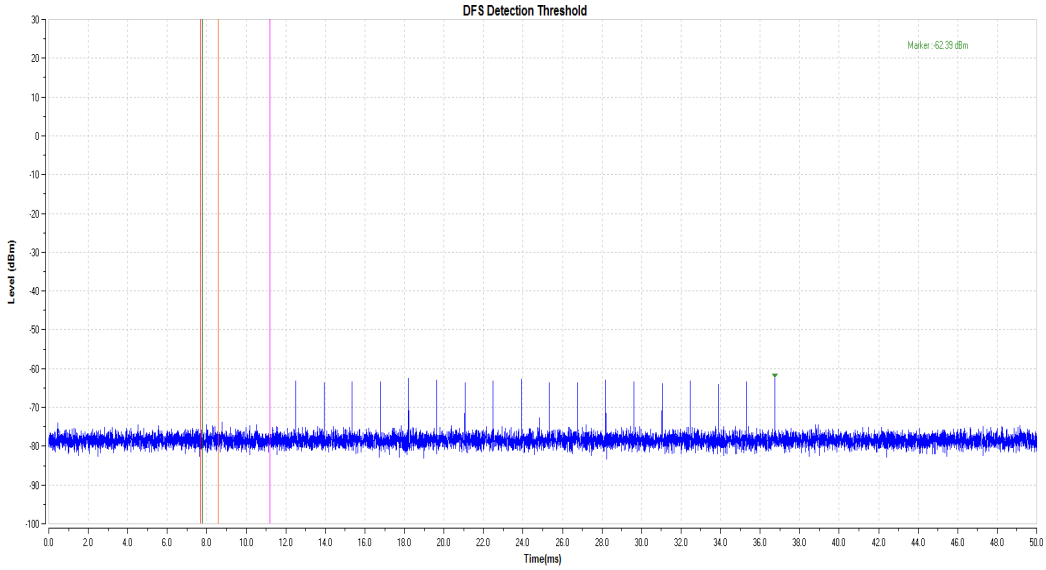
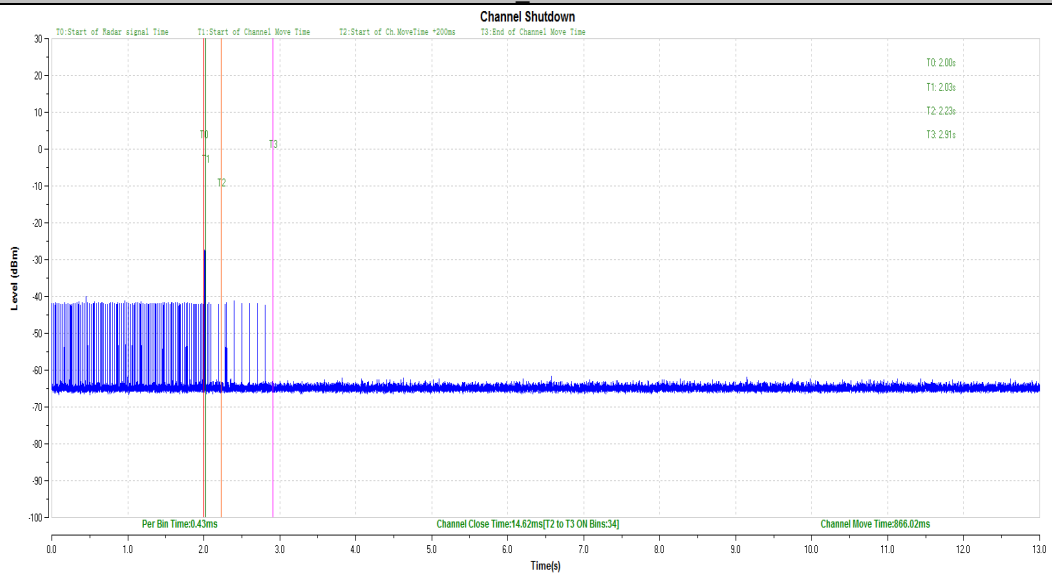
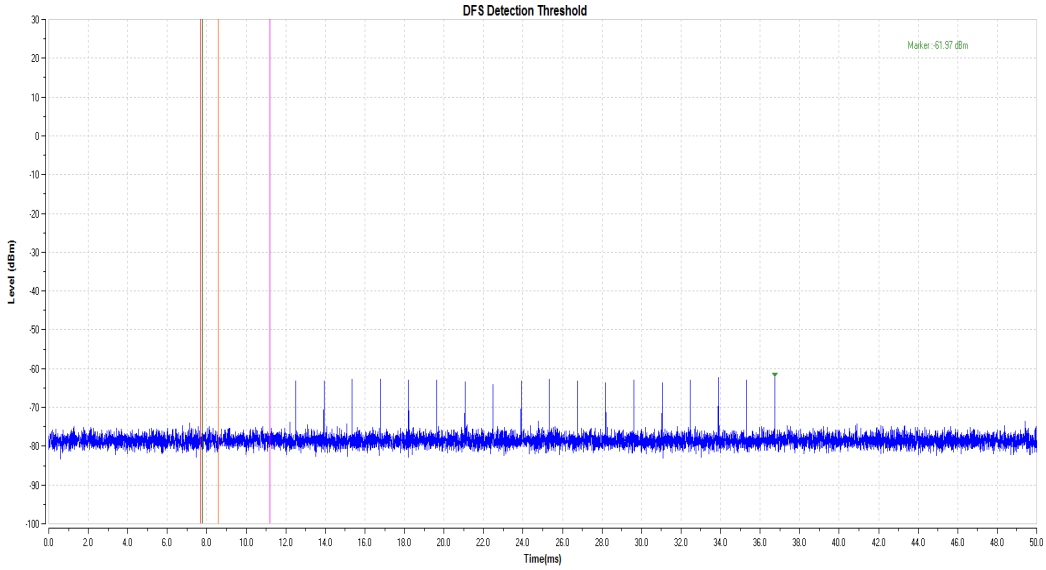
11A_5280_Type0



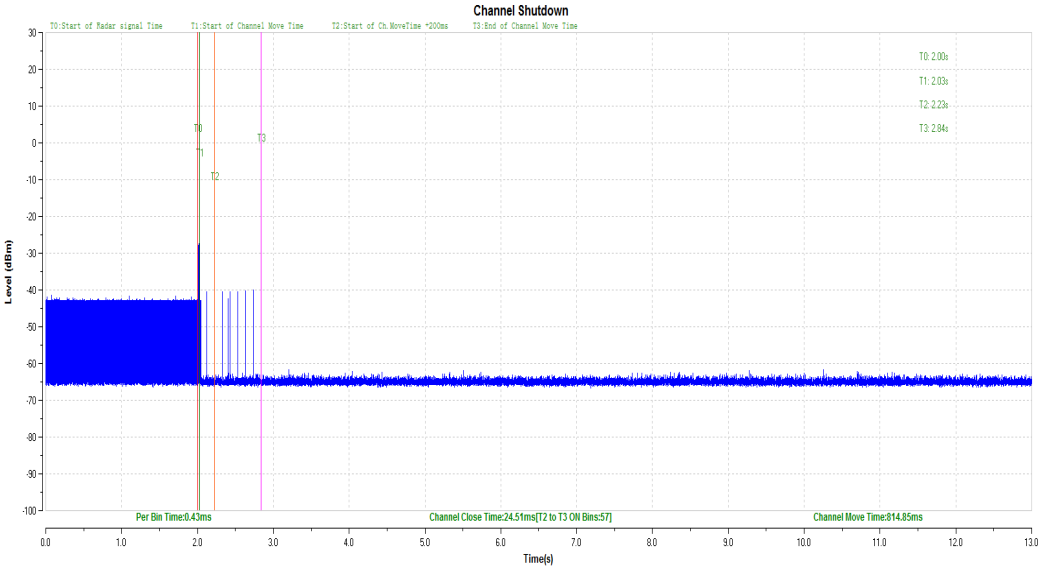
11A_5280



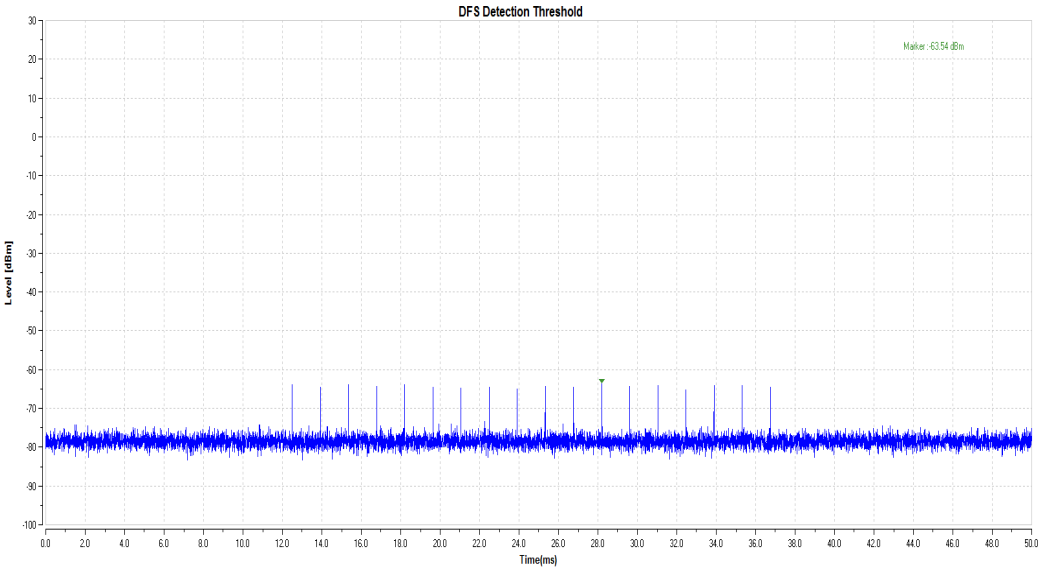
11A_5500_Type0



11A_5500



11N40SISO_5270_Type0



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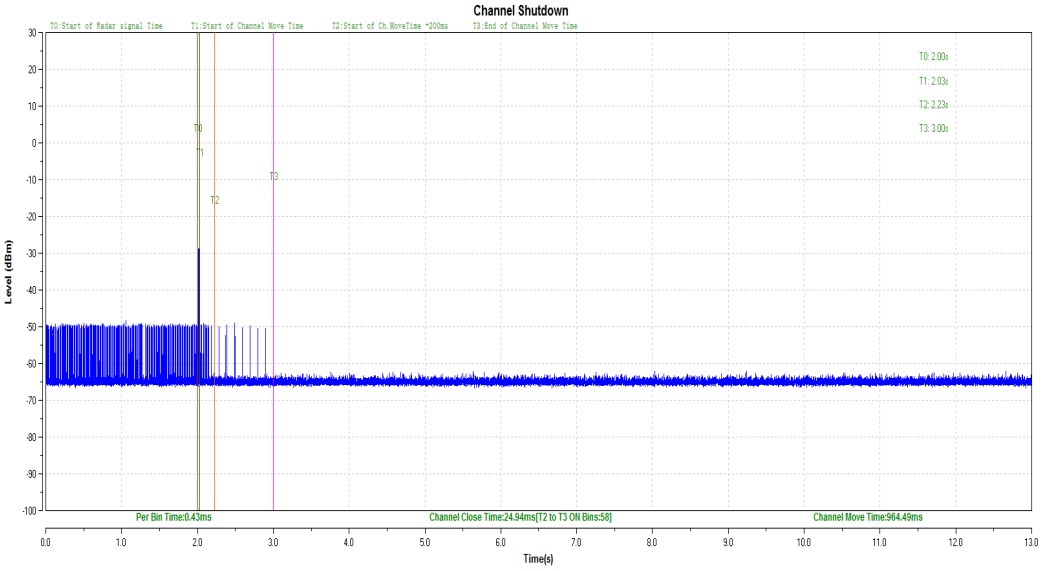

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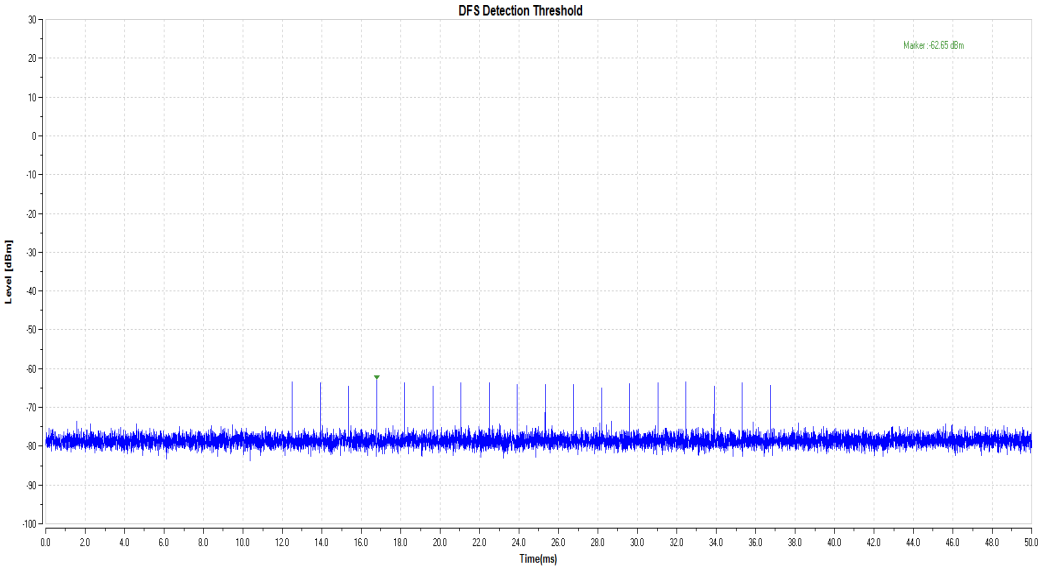

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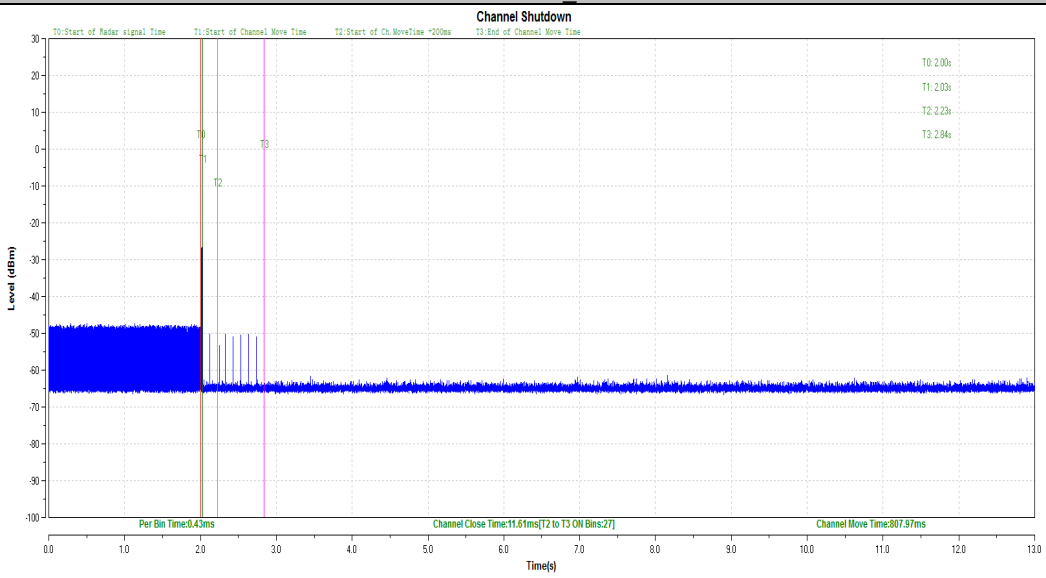

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10 Test Equipment List

Radiated Emission Test (9kHz-30MHz)

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL INTERVAL (YEAR)	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 7	68-4-74-19-001	102176	1	2025-5-13
Loop Antenna	Rohde & Schwarz	HFH2-Z2	68-4-80-14-006	100398	1	2025-7-24
Cable	HUBER-SUHNER	RG214	68-4-90-14-001-A21	----	----	----
3m Semi-anechoic chamber	TDK	SAC-3 #1	68-4-90-14-001	----	3	2026-10-25
Test software	Rohde & Schwarz	EMC32	68-4-90-14-001-A10	Version10.35.02	N/A	N/A

Radiated Emission Test (30MHz-1GHz)

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL INTERVAL (YEAR)	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 26	68-4-74-14-002	101269	1	2025-5-13
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9162	68-4-80-19-003	284	1	2026-2-11
Attenuator	Mini-circuits	UNAT-6+	68-4-81-21-002	15542	1	2025-5-11
Cable	OUQIAO	18DLB5-NMNM-7000	68-4-90-19-006-A22	----	----	----
3m Semi-anechoic chamber	TDK	SAC-3 #2	68-4-90-19-006	----	3	2026-10-25
Test software	Rohde & Schwarz	EMC32	68-4-90-19-006-A01	Version10.35.02	N/A	N/A

Radiated Emission Test (1GHz-18GHz)

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL INTERVAL (YEAR)	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 26	68-4-74-14-002	101269	1	2025-5-13
Wave Guide Antenna	ETS	3117	68-4-80-19-001	00218954	1	2026-3-10
Pre-amplifier	Rohde & Schwarz	SCU 18F	68-4-29-19-001	100745	1	2025-5-11
Pre-amplifier	Rohde & Schwarz	SCU 18F	68-4-29-19-002	100746	1	2025-5-11
Cable	OUQIAO	18DLB5-NMNM-7000	68-4-90-19-006-A22	----	----	----
3m Semi-anechoic chamber	TDK	SAC-3 #2	68-4-90-19-006	----	3	2026-10-25
Test software	Rohde & Schwarz	EMC32	68-4-90-19-006-A01	Version10.35.02	N/A	N/A

Radiated Emission Test (18GHz-40GHz)

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL INTERVAL (YEAR)	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 26	68-4-74-14-002	101269	1	2025-5-13
Sideband Horn Antenna	Q-PAR	QWH-SL-18-40-K-SG	68-4-80-14-008	12827	1	2025-7-2
Pre-amplifier	Rohde & Schwarz	SCU 40A	68-4-29-14-002	100432	1	2025-7-17
Cable	JUNFLON	MWX241	68-4-90-19-006-A21	----	----	----
3m Semi-anechoic chamber	TDK	SAC-3 #2	68-4-90-19-006	----	3	2026-10-25
Test software	Rohde & Schwarz	EMC32	68-4-90-19-006-A01	Version10.35.02	N/A	N/A

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Conducted Emission Test

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL INTERVAL (YEAR)	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 3	68-4-74-19-002	102590	1	2025-5-13
LISN	Rohde & Schwarz	ENV216	68-4-87-19-001	102472	1	2025-5-12
LISN	Rohde & Schwarz	ENV4200	68-4-87-14-001	100249	1	2025-5-13
Attenuator	Shanghai Huaxiang	TS2-26-3	68-4-81-16-003	080928189	1	2025-5-11
Cable	OUQIAO	RG142	68-4-90-19-005-A20	----	----	----
Test software	Rohde & Schwarz	EMC32	68-4-90-19-005-A01	Version10.35.02	N/A	N/A
Shielding Room	TDK	CSR #2	68-4-90-19-005	----	3	2025-10-15

RF Test

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL INTERVAL (YEAR)	CAL. DUE DATE
Vector Signal Generator	Rohde & Schwarz	SMBV100A	68-4-48-18-001	262825	1	2025-5-11
Signal Analyzer	Rohde & Schwarz	FSV40	68-4-74-14-004	101030	1	2025-5-11
RF Switch Module	Rohde & Schwarz	OSP120/OSP-B157W	68-4-93-14-003	101226/100929	1	2025-5-11
10dB Attenuator	R&S	DNF	68-4-81-14-004	DNF-001	1	2025-5-11
10dB Attenuator	R&S	DNF	68-4-81-14-005	DNF-002	1	2025-5-11
RF Meas. and Switch Matrix Unit	TST PASS	TSCB3023R2	68-4-93-23-001	2811685c	1	2025-5-11
Cable	JUNFLON	J12J103539	68-4-90-19-003-A20	----	----	----
Test software	TST PASS	TST PASS	68-4-93-23-001-A03	Version 2.0	N/A	N/A
Shielding Room	TDK	TS8997	68-4-90-19-003	----	3	2025-10-15

11 System Measurement Uncertainly

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty for Conducted Emission in new shielding room (68-4-90-19-005)150kHz-30MHz	3.14dB
Uncertainty for Radiated Emission in 3m chamber (68-4-90-14-001) 9kHz-30MHz	4.69dB
Uncertainty for Radiated Emission in new 3m chamber (68-4-90-19-006) 30MHz-1000MHz	Horizontal: 4.80dB Vertical: 5.91dB
Uncertainty for Radiated Emission in new 3m chamber (68-4-90-19-006) 1000MHz-18000MHz	Horizontal: 5.40dB Vertical: 5.40dB
Uncertainty for Radiated Emission in new 3m chamber (68-4-90-19-006) above 18000MHz	Horizontal: 5.10dB Vertical: 5.10dB
Uncertainty for Conducted RF test with TS 8997	RF Power Conducted: 1.31dB Frequency test involved: 0.6×10^{-8} or 1%

Measurement Uncertainty Decision Rule:

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.4.3 and 4.5.1.

---END OF REPORT---

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