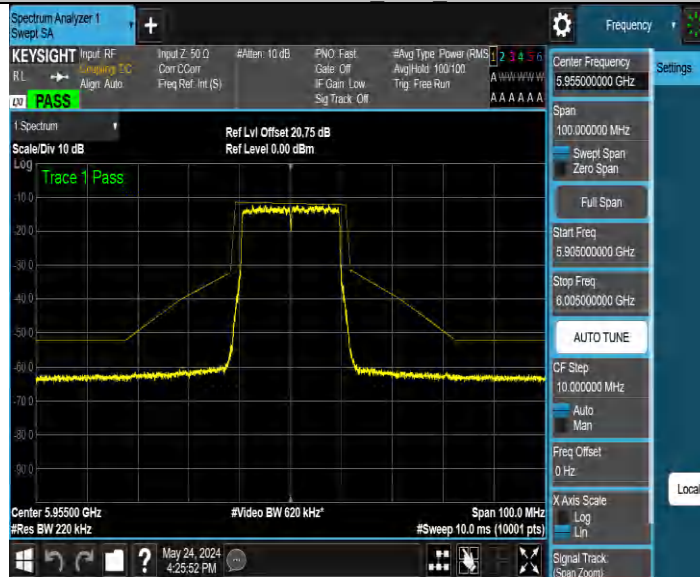


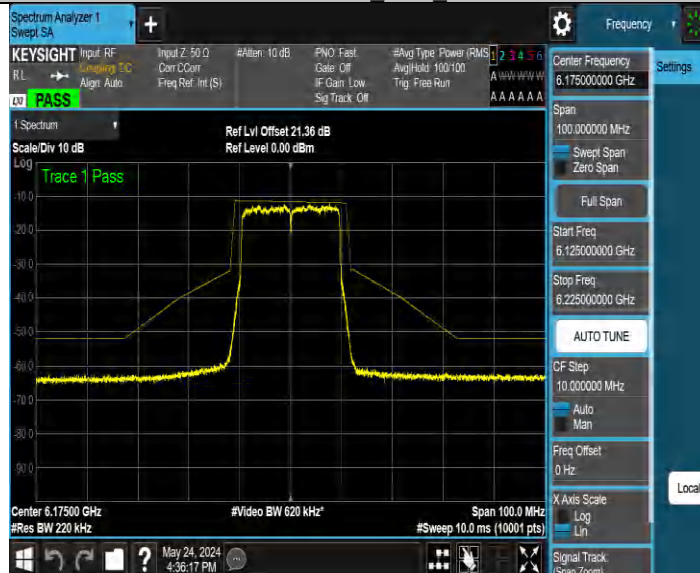
11AX160MIMO Ant1 6985



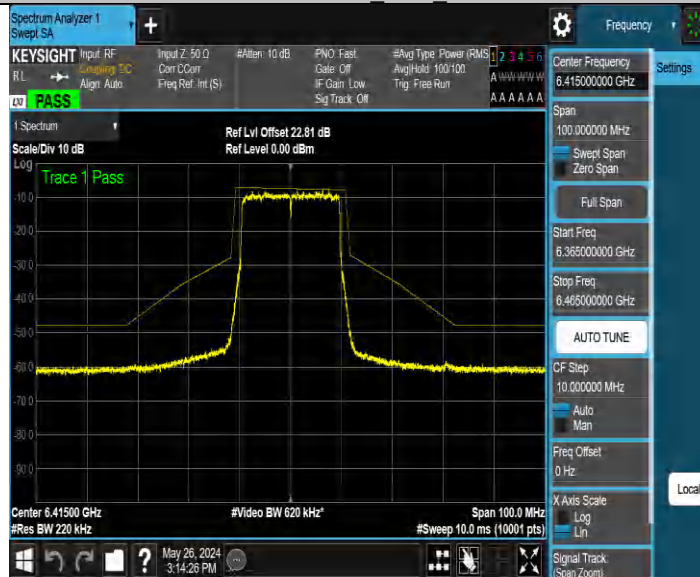
11BE20MIMO Ant1 5955



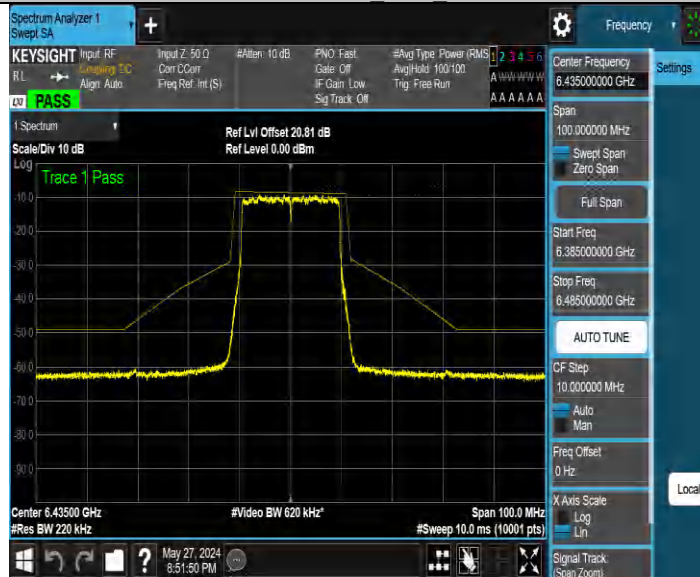
11BE20MIMO Ant1 6175



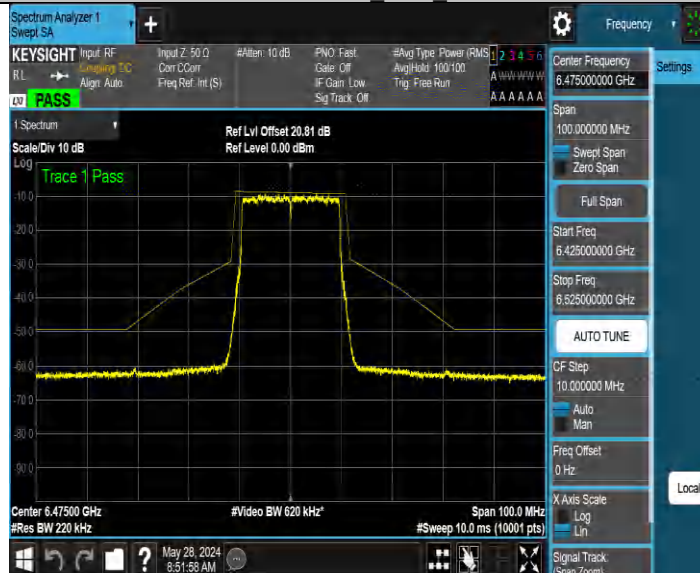
11BE20MIMO_Ant1_6415



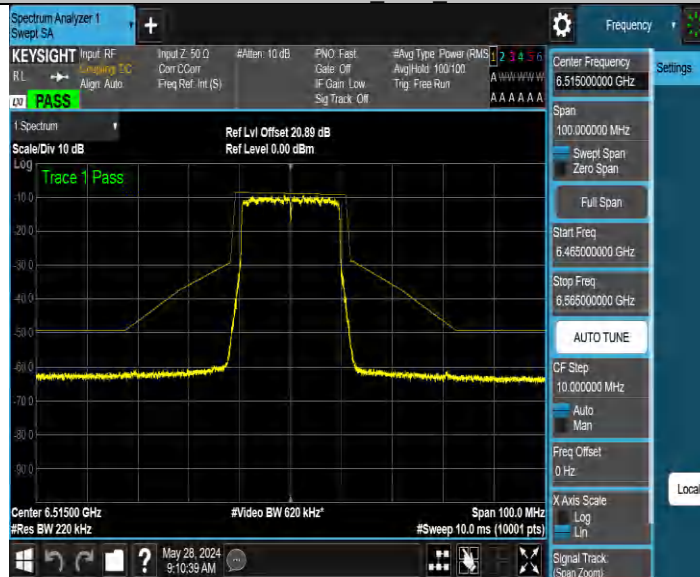
11BE20MIMO_Ant1_6435



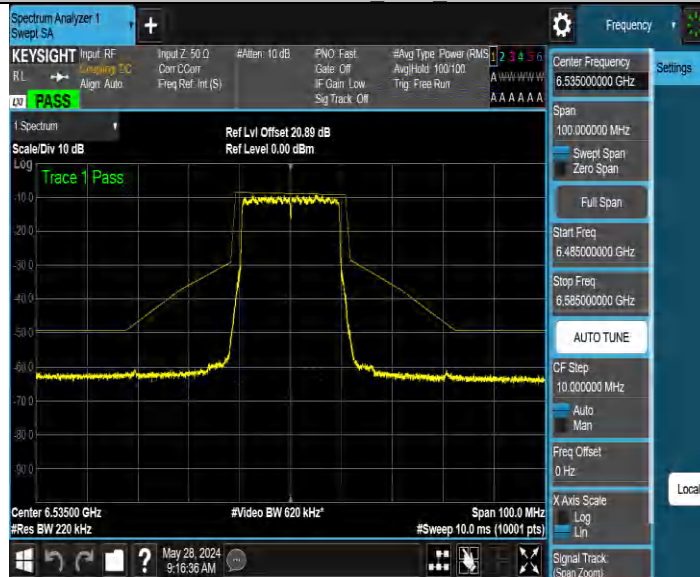
11BE20MIMO_Ant1_6475



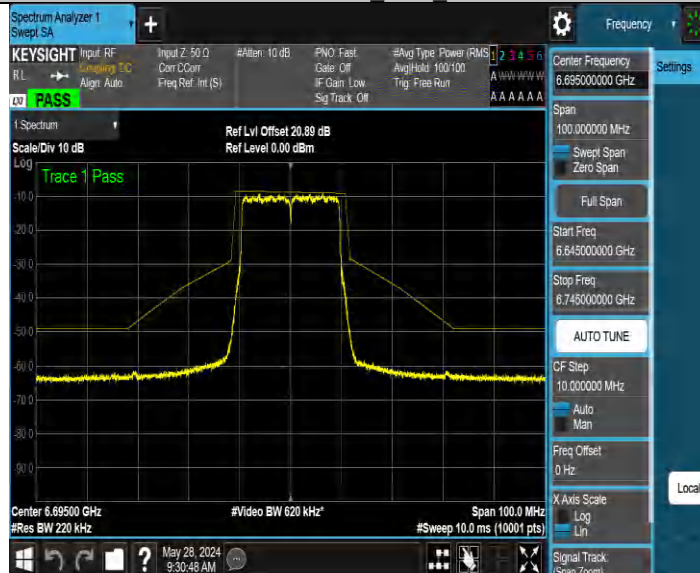
11BE20MIMO_Ant1_6515



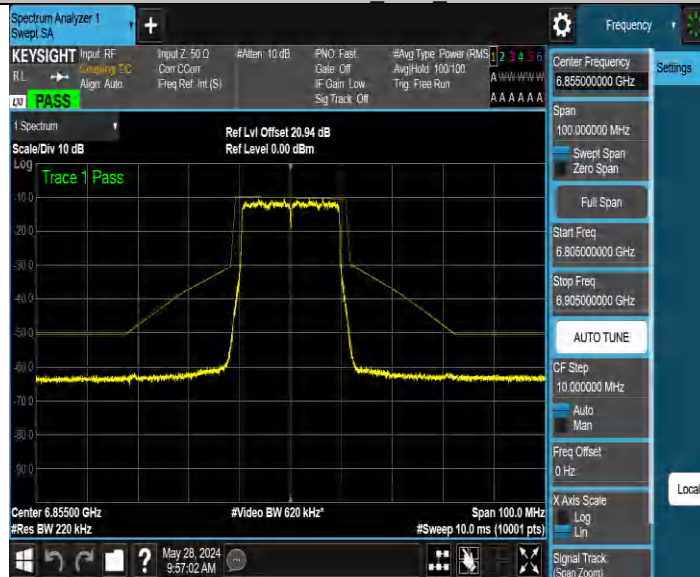
11BE20MIMO_Ant1_6535



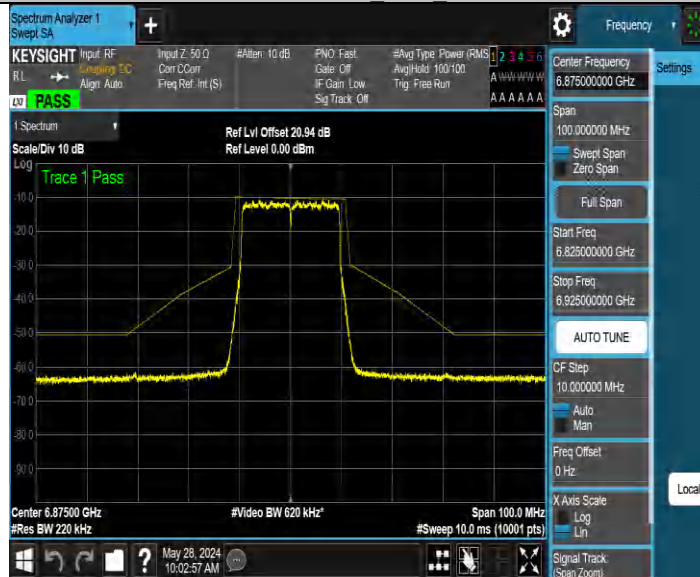
11BE20MIMO_Ant1_6695



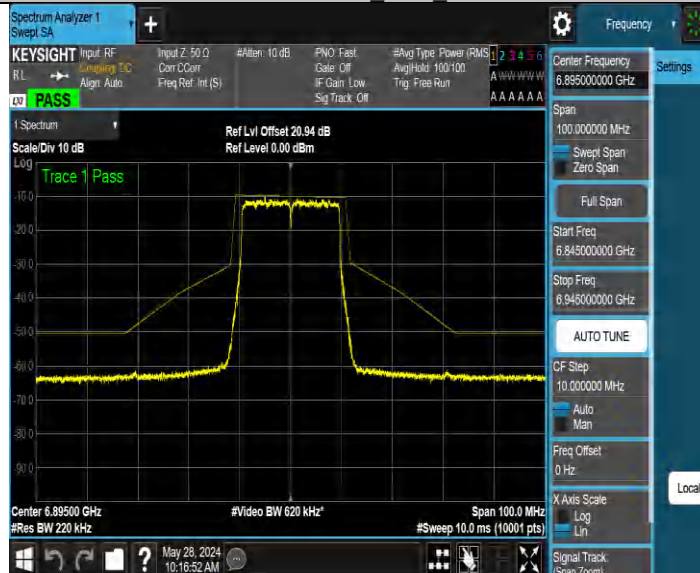
11BE20MIMO_Ant1_6855



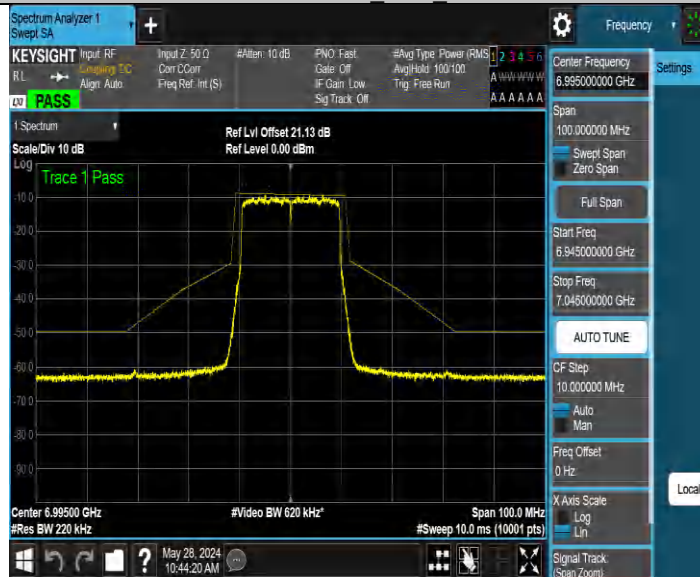
11BE20MIMO_Ant1_6875



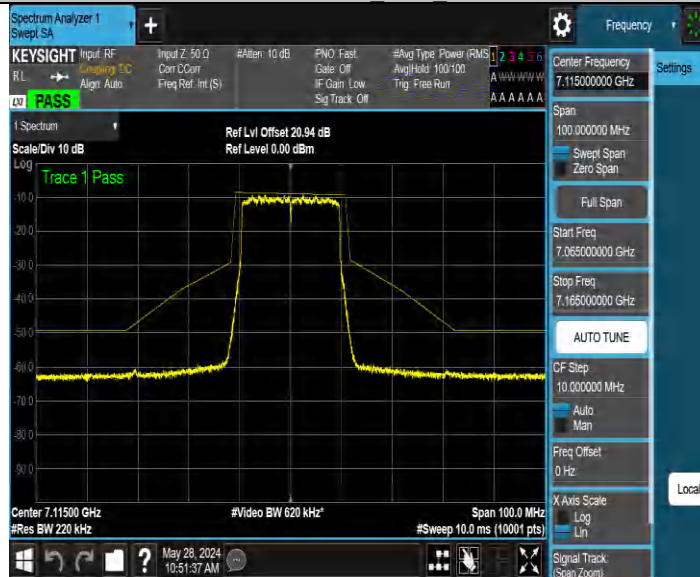
11BE20MIMO_Ant1_6895



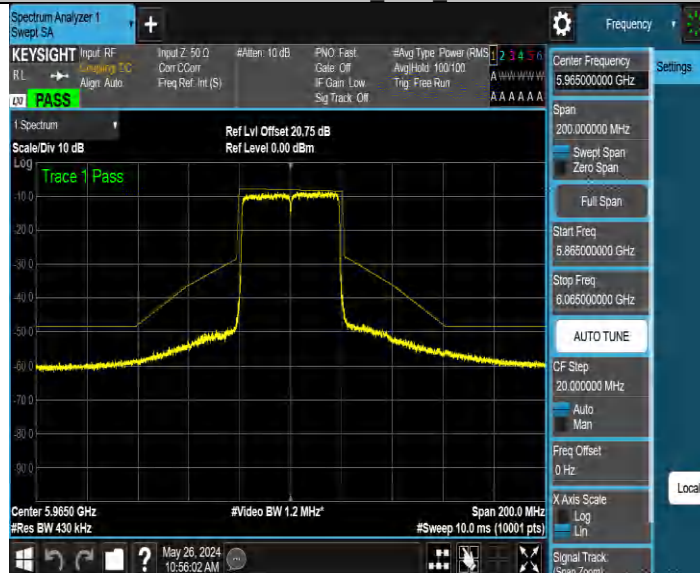
11BE20MIMO_Ant1_6995



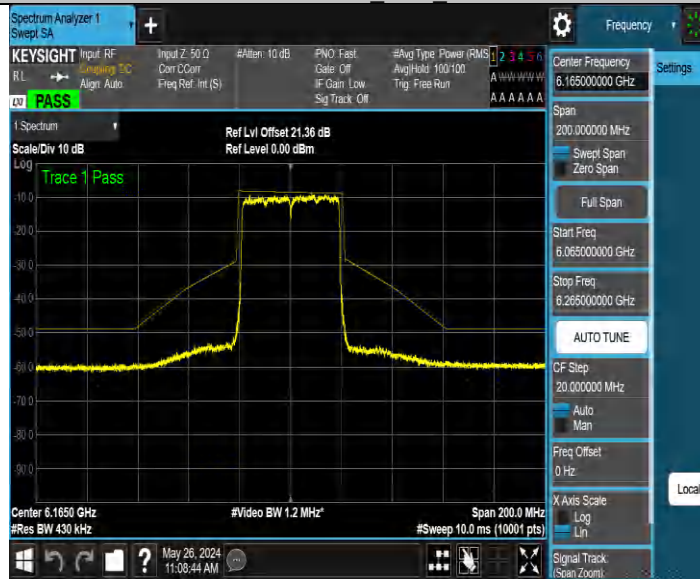
11BE20MIMO_Ant1_7115



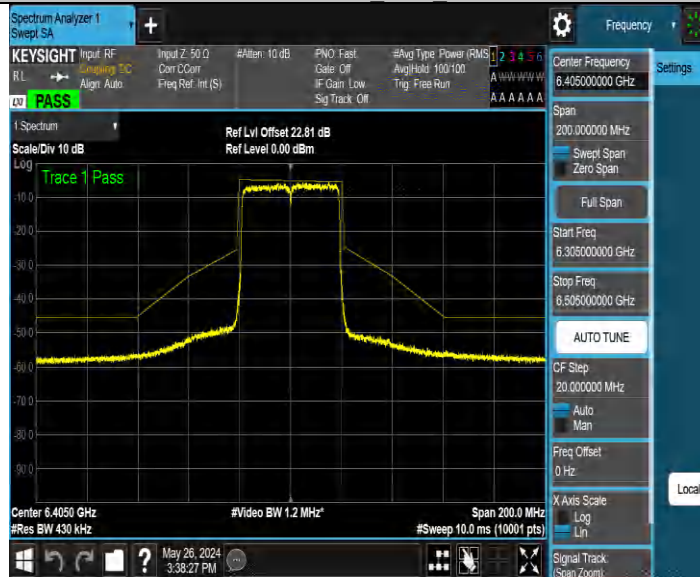
11BE40MIMO_Ant1_5965



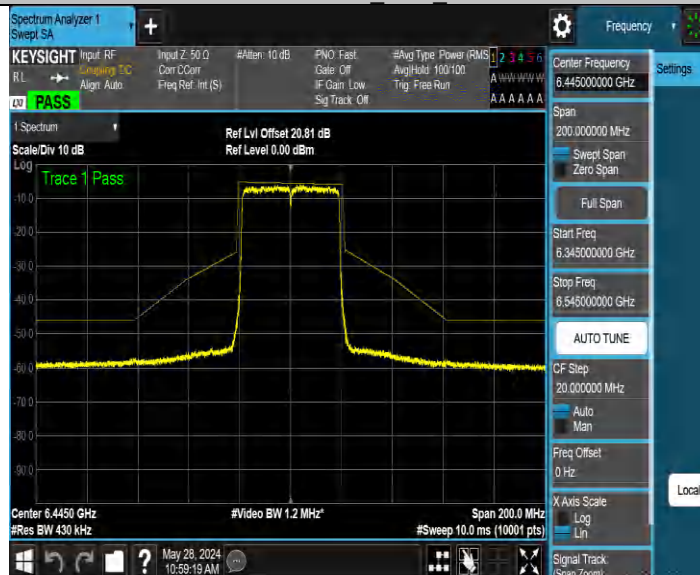
11BE40MIMO_Ant1_6165



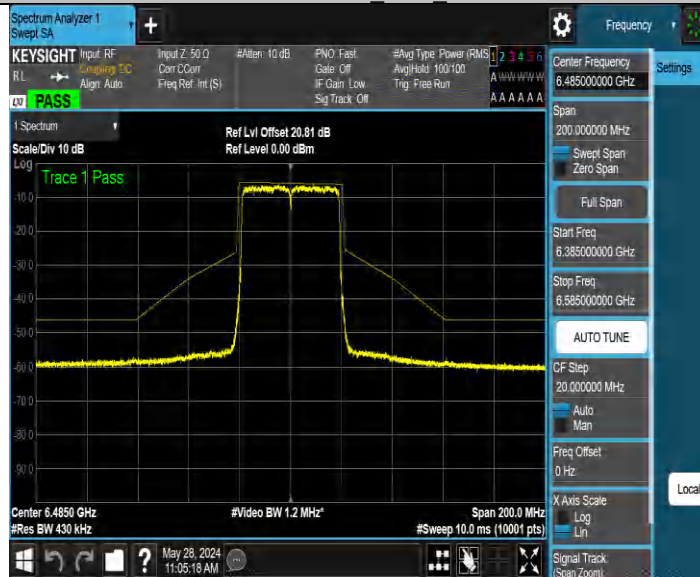
11BE40MIMO_Ant1_6405



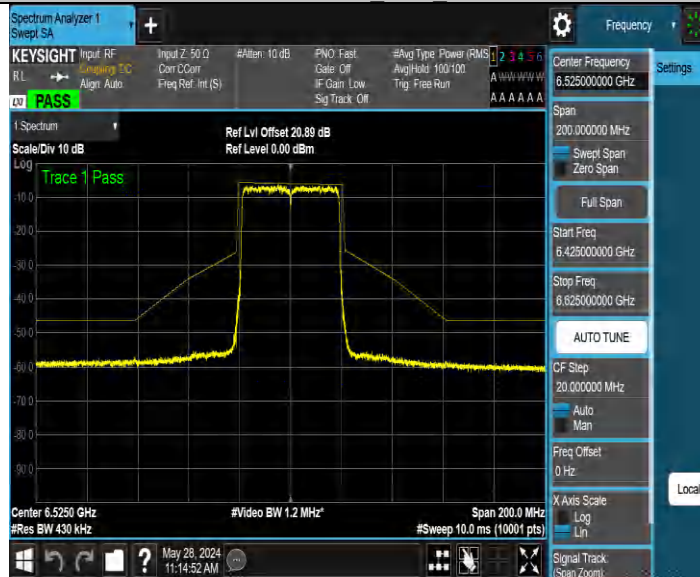
11BE40MIMO_Ant1_6445



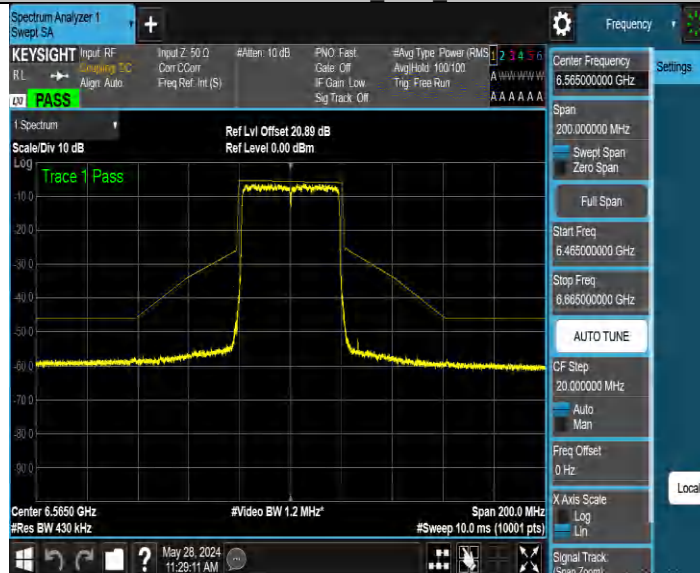
11BE40MIMO_Ant1_6485



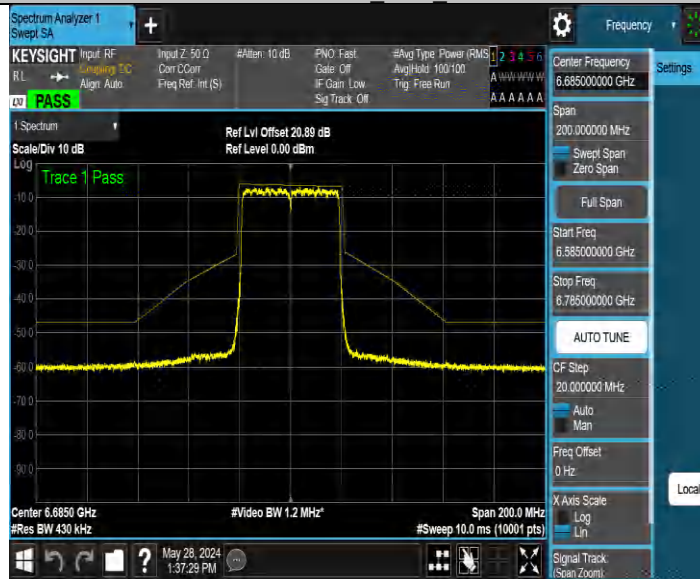
11BE40MIMO_Ant1_6525



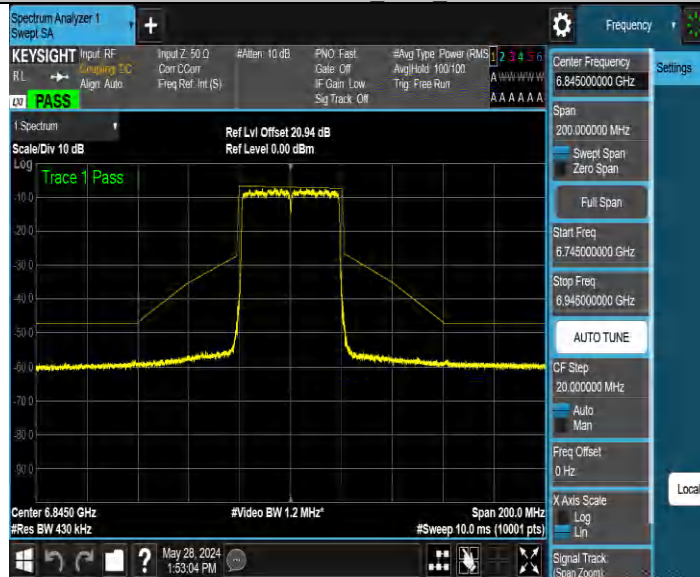
11BE40MIMO_Ant1_6565



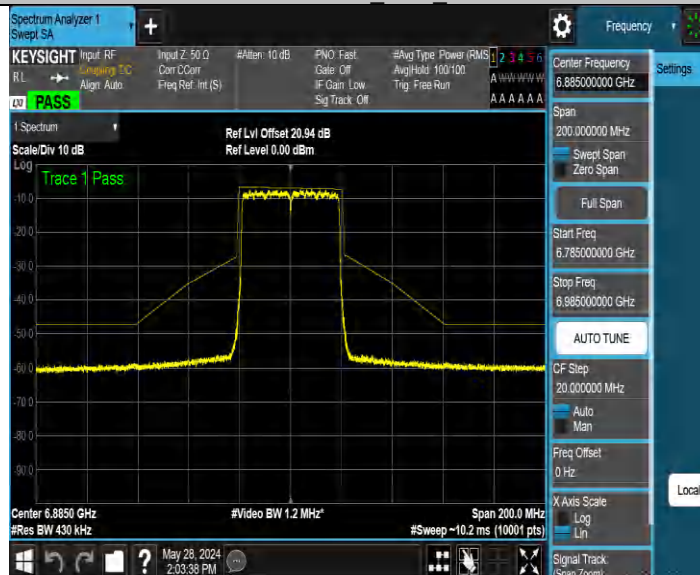
11BE40MIMO_Ant1_6685



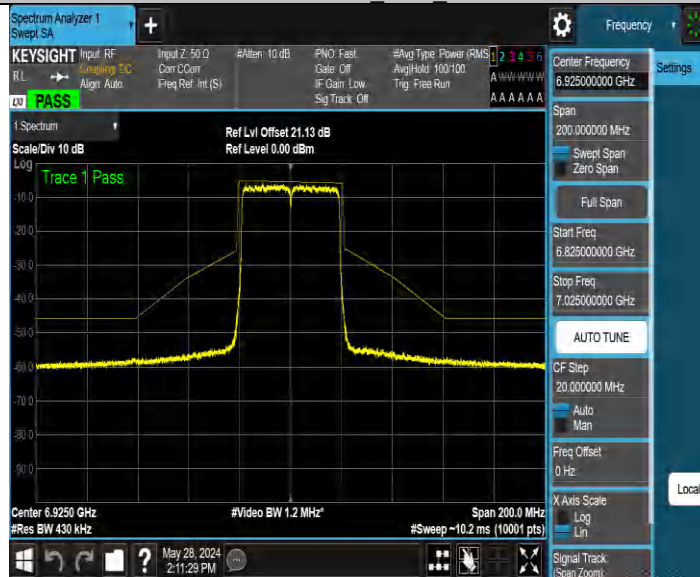
11BE40MIMO_Ant1_6845



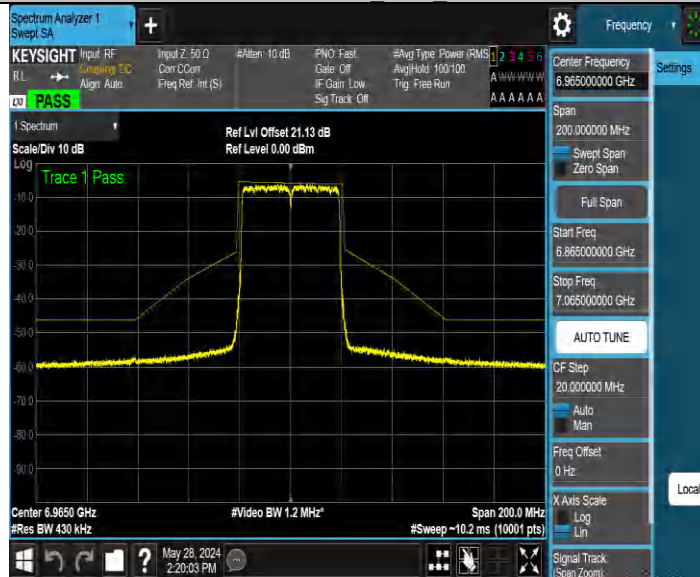
11BE40MIMO_Ant1_6885



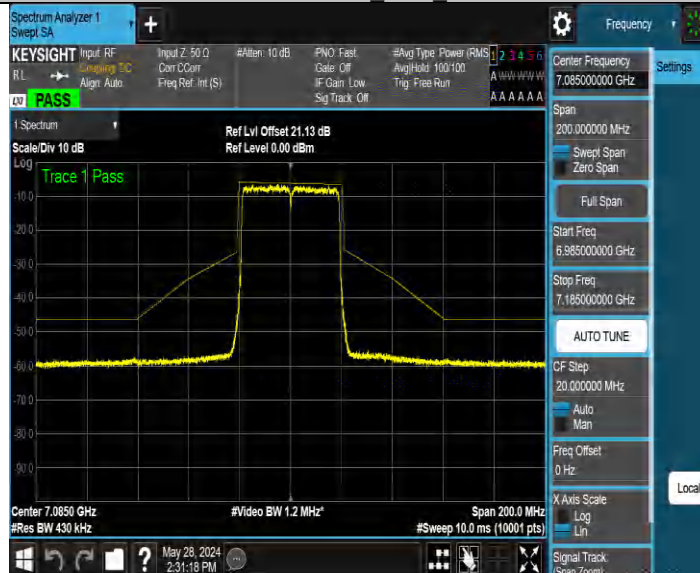
11BE40MIMO_Ant1_6925



11BE40MIMO_Ant1_6965



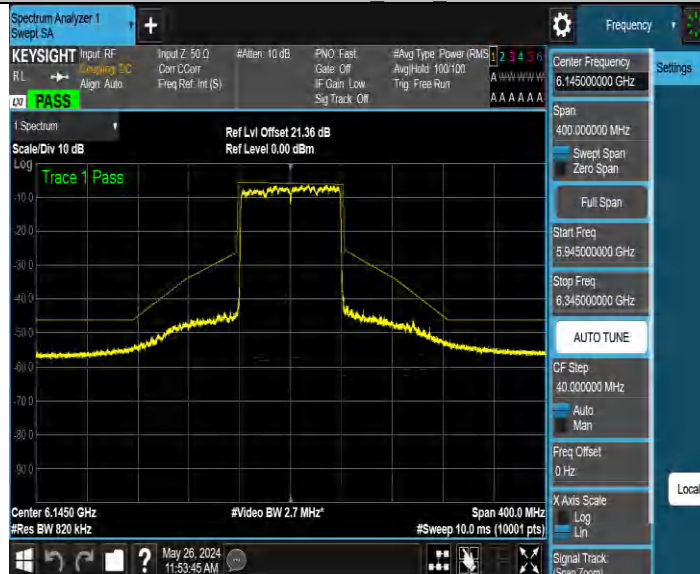
11BE40MIMO_Ant1_7085



11BE80MIMO_Ant1_5985



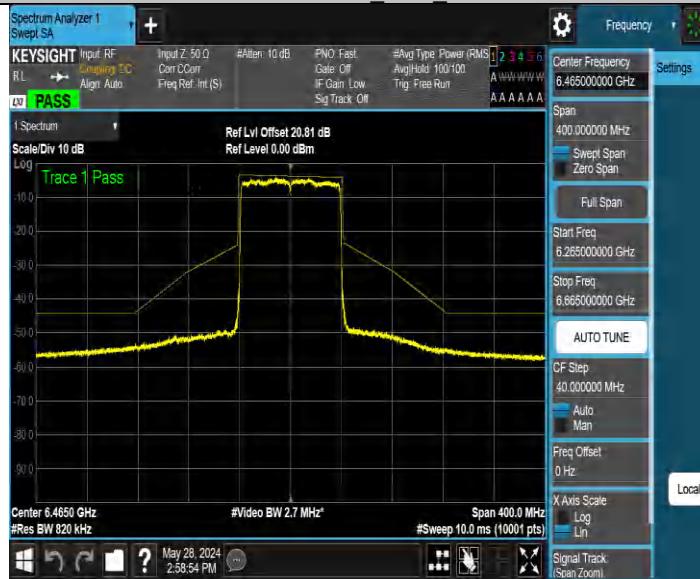
11BE80MIMO_Ant1_6145



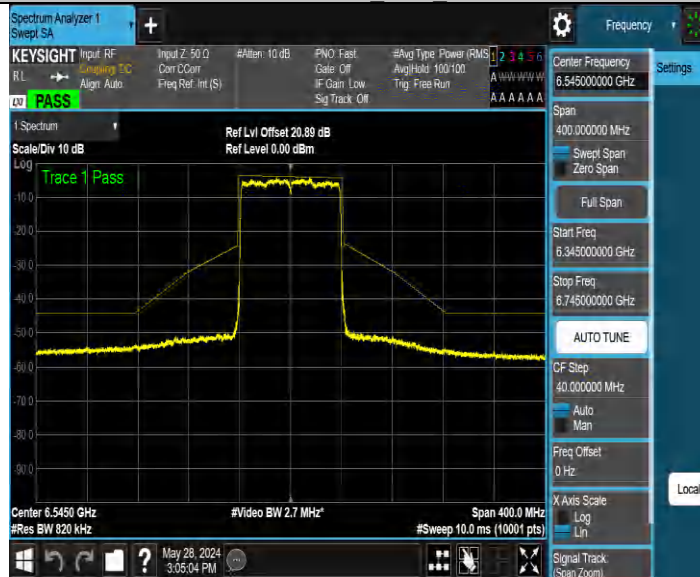
11BE80MIMO_Ant1_6385



11BE80MIMO_Ant1_6465



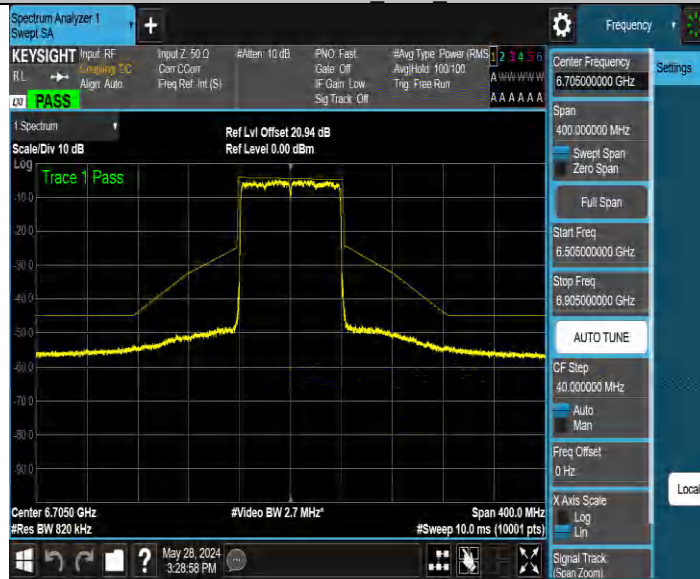
11BE80MIMO_Ant1_6545



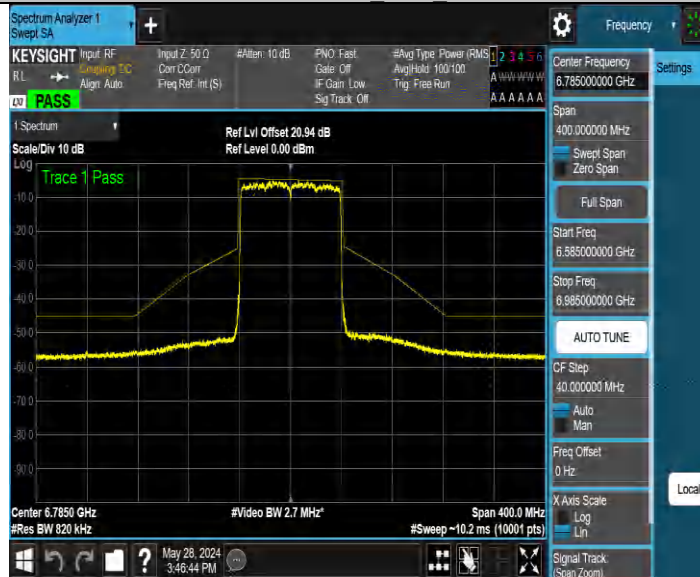
11BE80MIMO_Ant1_6625



11BE80MIMO_Ant1_6705



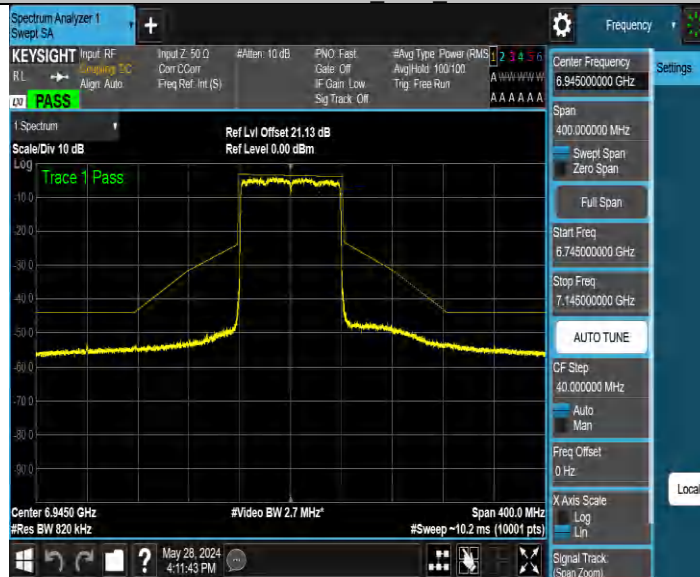
11BE80MIMO_Ant1_6785



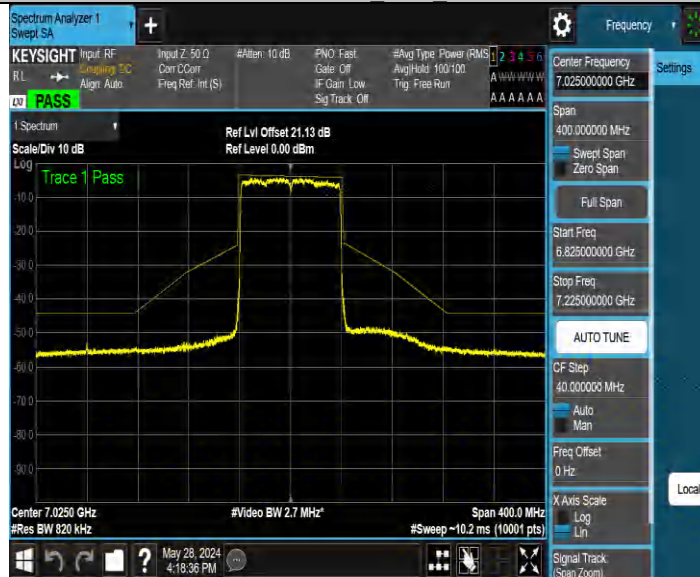
11BE80MIMO_Ant1_6865



11BE80MIMO_Ant1_6945



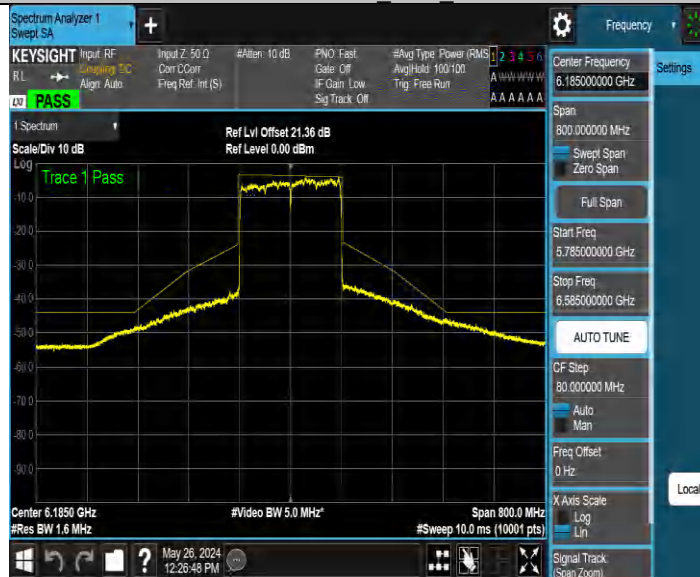
11BE80MIMO_Ant1_7025



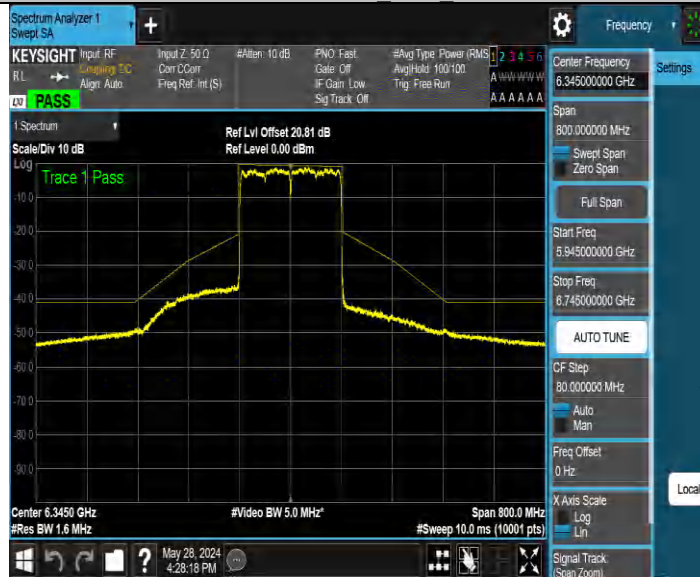
11BE160MIMO_Ant1_6025



11BE160MIMO Ant1 6185



11BE160MIMO Ant1 6345



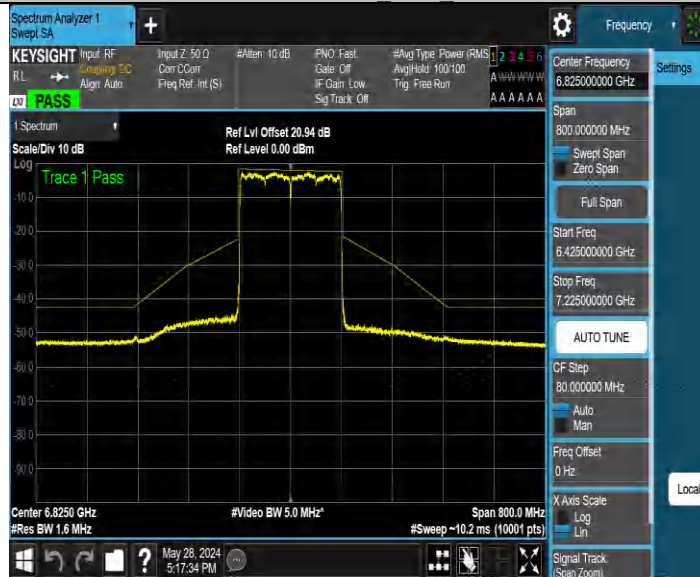
11BE160MIMO Ant1 6505



11BE160MIMO Ant1 6665



11BE160MIMO Ant1 6825



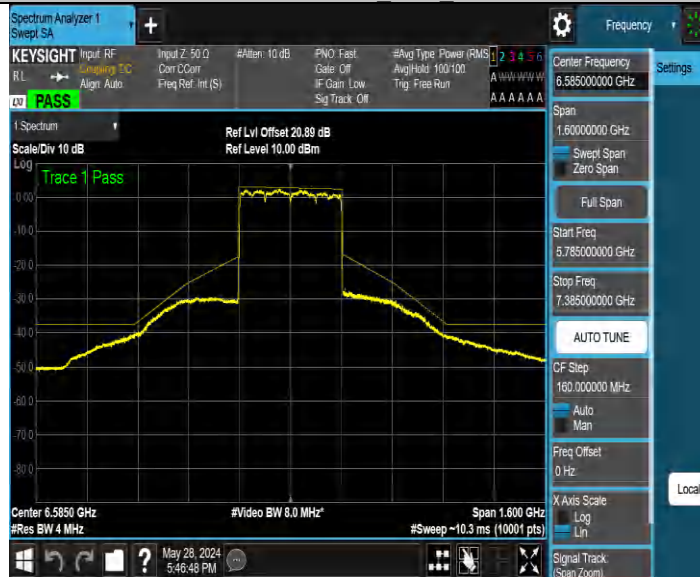
11BE160MIMO Ant1 6985



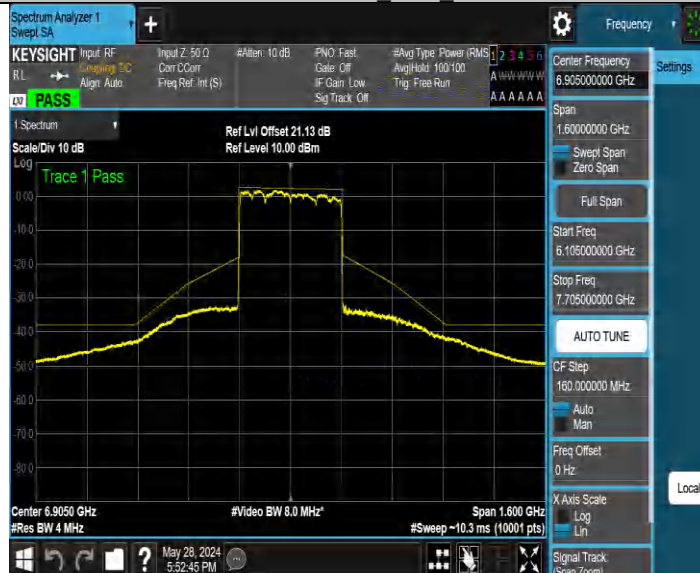
11BE320MIMO Ant1 6265



11BE320MIMO Ant1 6585



11BE320MIMO Ant1 6905



Appendix B.8: Test Results of Contention Based Protocol

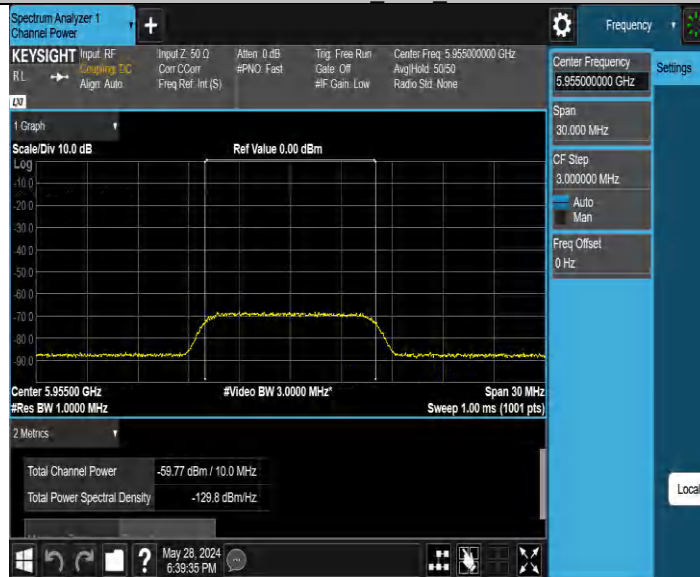
Test Mode	Antenna	Frequency[MHz]	Frequency[MHz]	Result [dBm]	Limit[dBm]	Verdict
11AX20MIMO	Ant1	5955	5955	-59.7723	-59.5	PASS
		6435	6435	-59.9489	-59.5	PASS
		6535	6535	-59.7647	-59.5	PASS
		6895	6895	-59.8289	-59.5	PASS
11AX160MIMO	Ant1	6025	5952.2507	-59.9775	-59.5	PASS
			6025	-59.7382	-59.5	PASS
			6098.8807	-59.8444	-59.5	PASS
		6185	6111.6649	-59.8971	-59.5	PASS
			6185	-59.8494	-59.5	PASS
			6259.0549	-59.6925	-59.5	PASS
		6505	6431.4491	-59.967	-59.5	PASS
			6505	-59.8012	-59.5	PASS
			6578.3991	-59.7339	-59.5	PASS
		6665	6591.1441	-59.9121	-59.5	PASS
			6665	-59.8246	-59.5	PASS
			6738.7441	-59.7376	-59.5	PASS
11BE20MIMO	Ant1	6985	6911.3486	-59.7467	-59.5	PASS
			6985	-59.8985	-59.5	PASS
			7058.3986	-59.8831	-59.5	PASS
11BE320MIMO	Ant1	5955	5955	-59.7459	-59.5	PASS
			6435	-59.9418	-59.5	PASS
			6535	-59.8279	-59.5	PASS
			6895	-59.8965	-59.5	PASS

Test Mode	Antenna	Frequency[MHz]	Interference Frequency [MHz]	Test Number [n]	Number Detected [n]	Result [%]	Limit [%]	Verdict
11AX20MIMO	Ant1	5955	Center	5955	10	100	90	PASS
		6435	Center	6435	10	100	90	PASS
		6535	Center	6535	10	100	90	PASS
		6895	Center	6895	10	100	90	PASS
11AX160MIMO	Ant1	6025	Low	5952.2507	10	100	90	PASS
			Low	6111.6649	10	100	90	PASS
			Center	6185	10	100	90	PASS
		6185	High	6259.0549	10	100	90	PASS
			Low	6431.4491	10	100	90	PASS
			Center	6505	10	100	90	PASS
		6505	High	6578.3991	10	100	90	PASS
			Low	6591.1441	10	100	90	PASS
			Center	6665	10	100	90	PASS
		6665	High	6738.7441	10	100	90	PASS
			Low	6911.3486	10	100	90	PASS
			Center	6985	10	100	90	PASS
11BE20MIMO	Ant1	6985	High	7058.3986	10	100	90	PASS
11BE320MIMO	Ant1	6265	Center	5955	9	100	90	PASS
			Center	6435	10	100	90	PASS
			Center	6535	10	100	90	PASS
			Center	6895	10	100	90	PASS

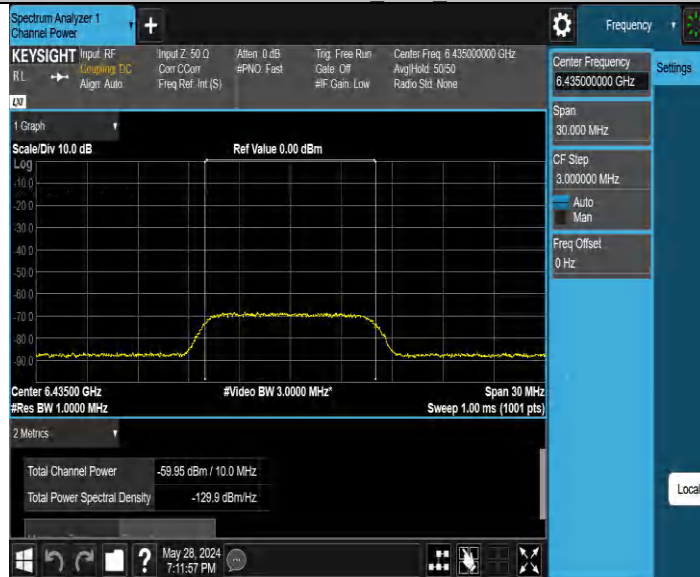
		6585	Low	6431.0926	10	10	100	90	PASS
			Center	6585	10	10	100	90	PASS
			High	6737.4026	10	10	100	90	PASS
		6905	Low	6751.3077	10	10	100	90	PASS
			Center	6905	10	10	100	90	PASS
			High	7057.3177	10	10	100	90	PASS

Test Mode	Antenna	Frequency [MHz]	Interference Frequency [MHz]		Test Number [n]	Number Detected [n]	Result [%]	Limit [%]	Verdict
11AX20MIMO	Ant1	5955	Center	5955	10	10	100	90	PASS
		6435	Center	6435	10	10	100	90	PASS
		6535	Center	6535	10	10	100	90	PASS
		6895	Center	6895	10	10	100	90	PASS
11AX160MIMO	Ant1	6025	Low	5952.2507	10	10	100	90	PASS
		6185	Low	6111.6649	10	10	100	90	PASS
			Center	6185	10	10	100	90	PASS
			High	6259.0549	10	10	100	90	PASS
		6505	Low	6431.4491	10	10	100	90	PASS
			Center	6505	10	10	100	90	PASS
			High	6578.3991	10	10	100	90	PASS
		6665	Low	6591.1441	10	10	100	90	PASS
			Center	6665	10	10	100	90	PASS
			High	6738.7441	10	10	100	90	PASS
		6985	Low	6911.3486	10	10	100	90	PASS
			Center	6985	10	10	100	90	PASS
			High	7058.3986	10	10	100	90	PASS
11BE20MIMO	Ant1	5955	Center	5955	9	10	90	90	PASS
		6435	Center	6435	10	10	100	90	PASS
		6535	Center	6535	10	10	100	90	PASS
		6895	Center	6895	10	10	100	90	PASS
11BE320MIMO	Ant1	6265	Low	6112.1307	10	10	100	90	PASS
			Center	6265	10	10	100	90	PASS
			High	6418.9507	10	10	100	90	PASS
		6585	Low	6431.0926	10	10	100	90	PASS
			Center	6585	10	10	100	90	PASS
			High	6737.4026	10	10	100	90	PASS
		6905	Low	6751.3077	10	10	100	90	PASS
			Center	6905	10	10	100	90	PASS
			High	7057.3177	10	10	100	90	PASS

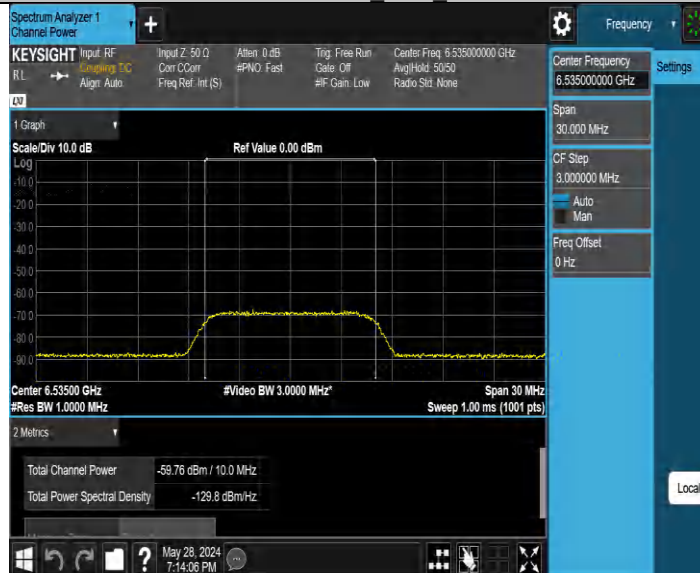
11AX20MIMO_Ant1_5955



11AX20MIMO_Ant1_6435



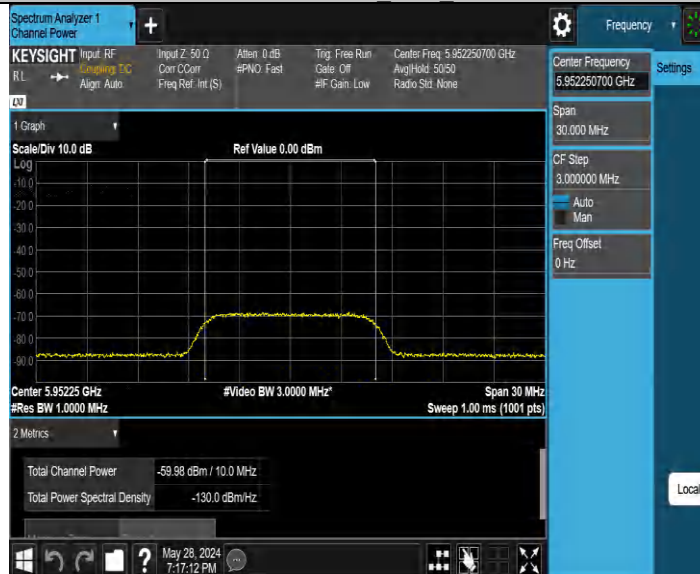
11AX20MIMO_Ant1_6535



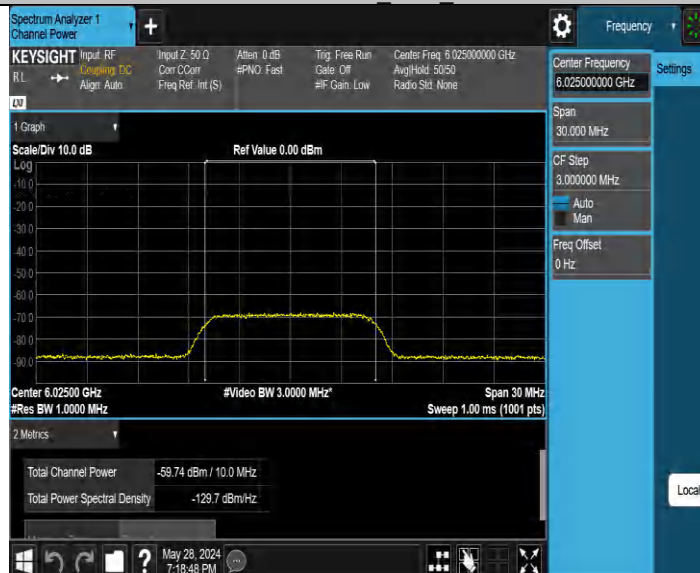
11AX20MIMO_Ant1_6895



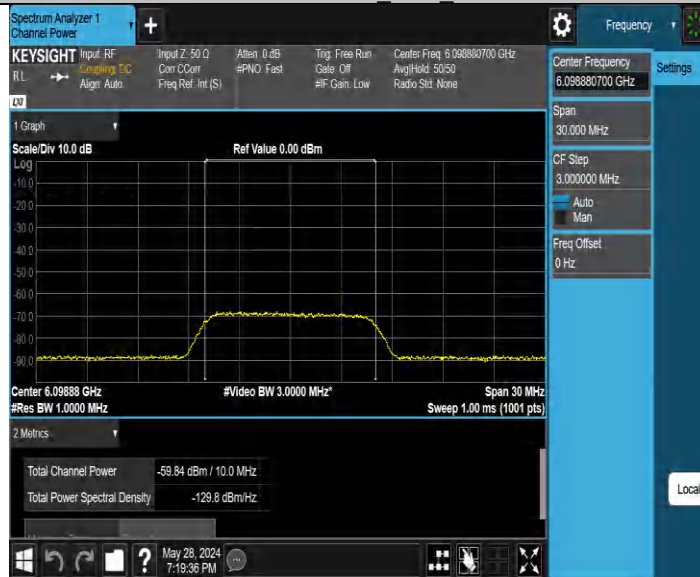
11AX160MIMO_Ant1_6025



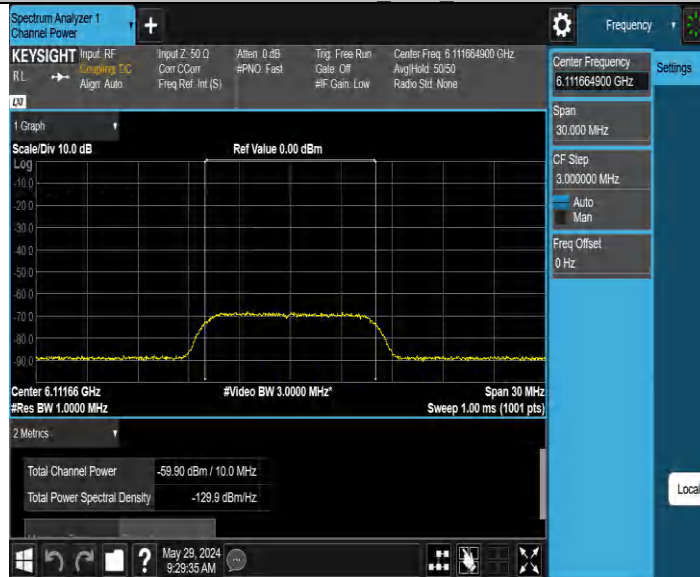
11AX160MIMO_Ant1_6025



11AX160MIMO Ant1 6025



11AX160MIMO Ant1 6185



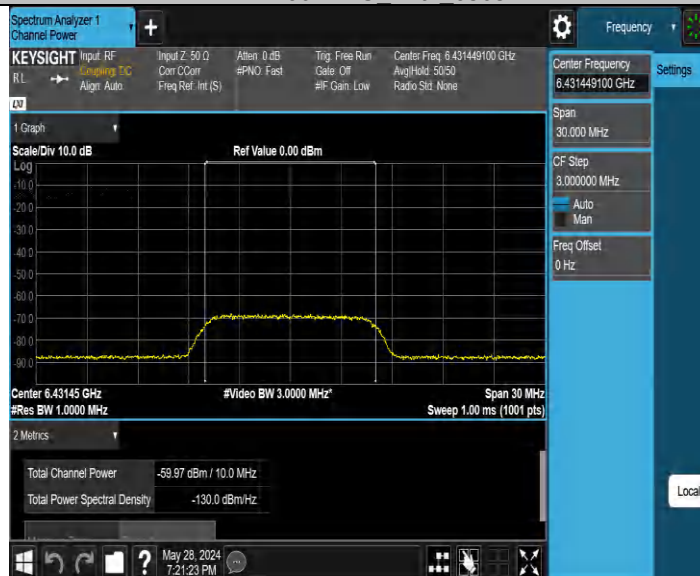
11AX160MIMO Ant1 6185



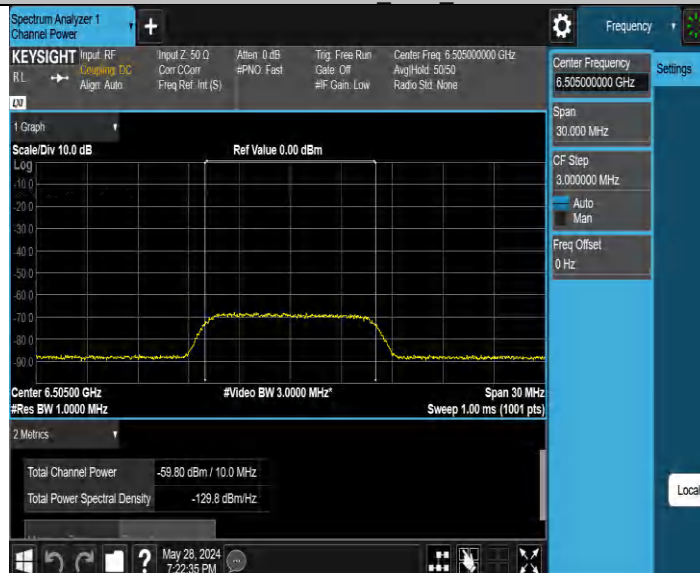
11AX160MIMO Ant1 6185



11AX160MIMO Ant1 6505



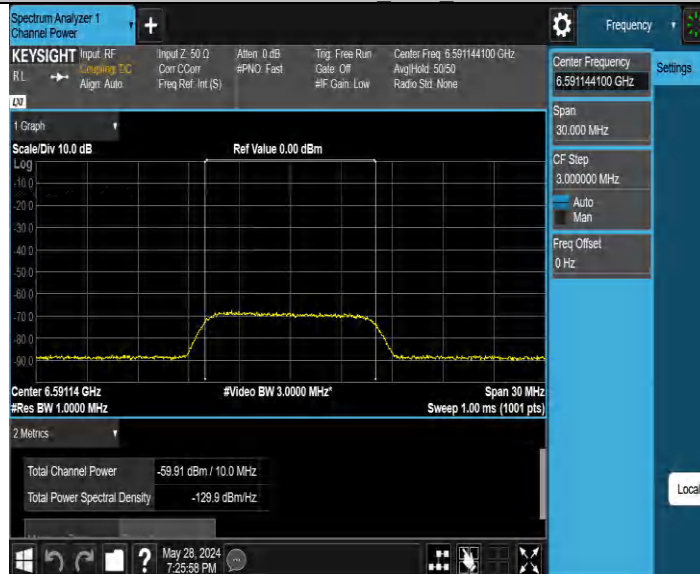
11AX160MIMO Ant1 6505



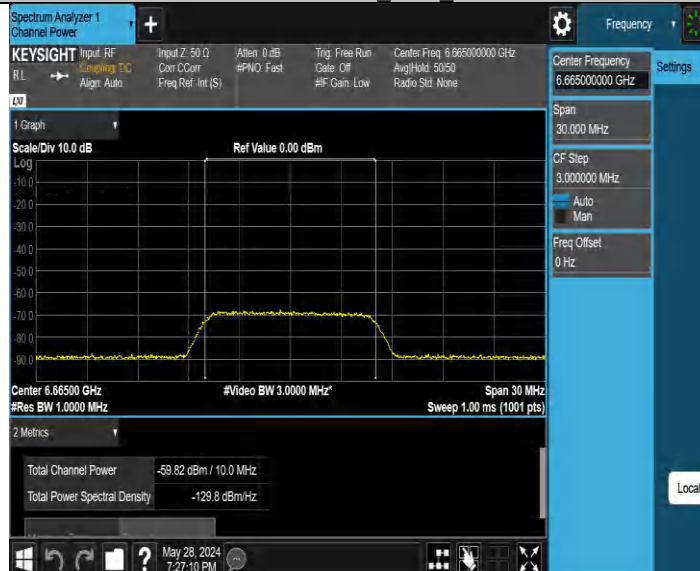
11AX160MIMO Ant1 6505



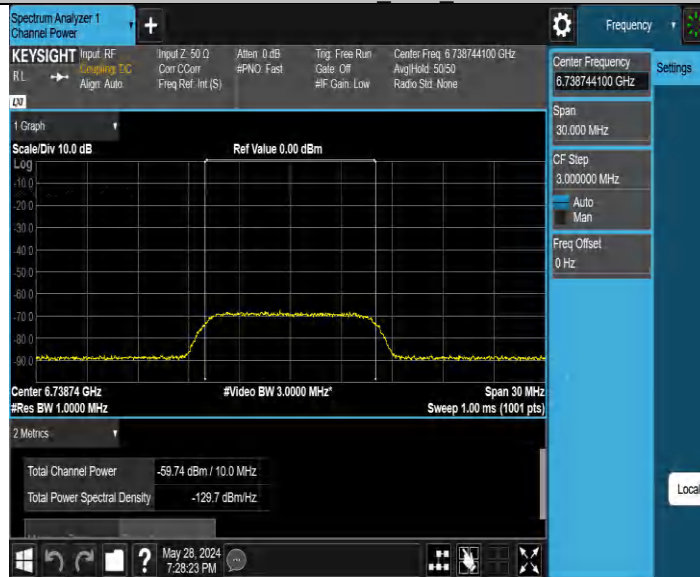
11AX160MIMO Ant1 6665



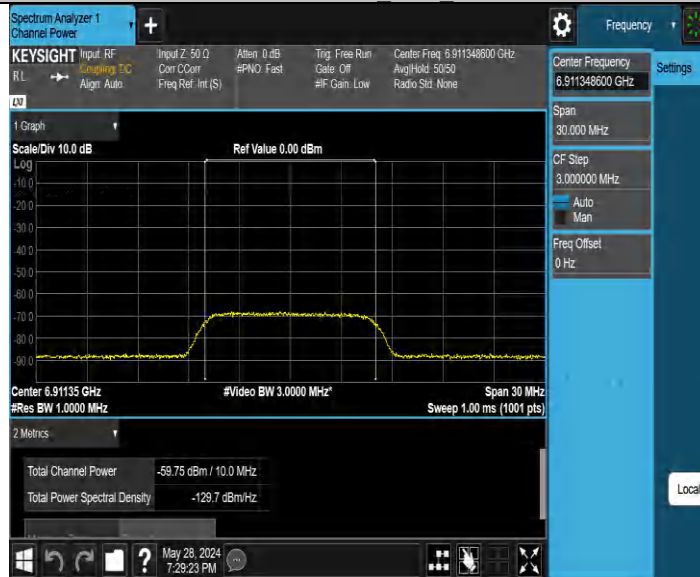
11AX160MIMO Ant1 6665



11AX160MIMO Ant1 6665



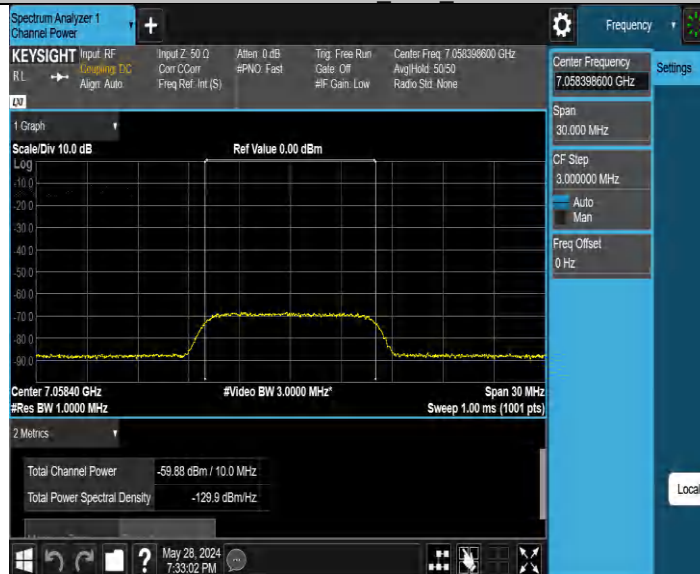
11AX160MIMO Ant1 6985



11AX160MIMO Ant1 6985



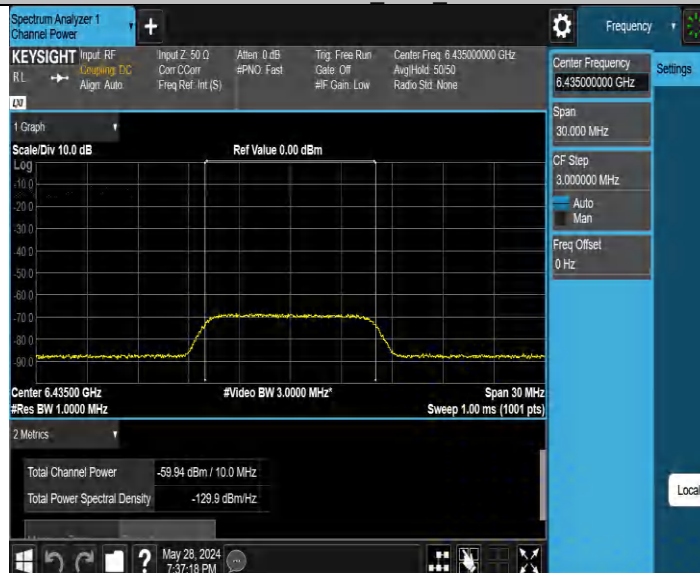
11AX160MIMO Ant1 6985



11BE20MIMO Ant1 5955



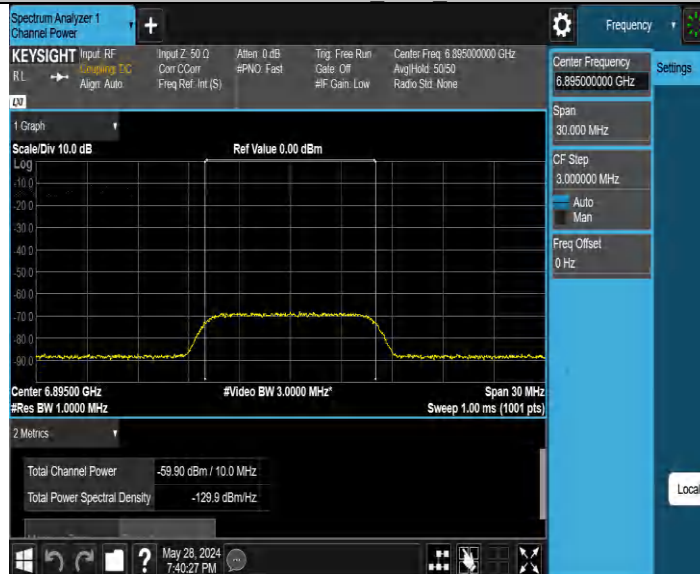
11BE20MIMO Ant1 6435



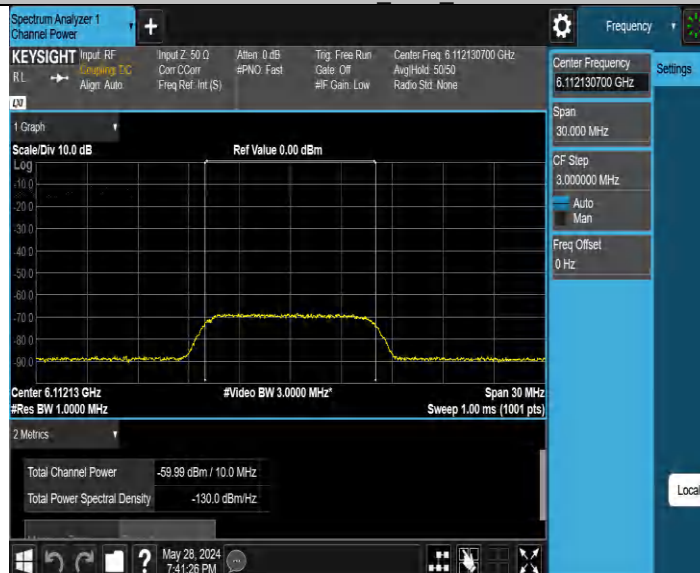
11BE20MIMO_Ant1_6535



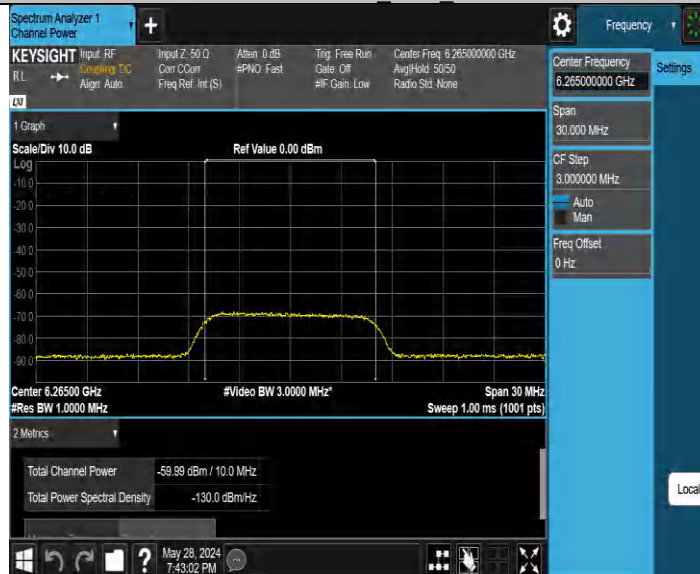
11BE20MIMO_Ant1_6895



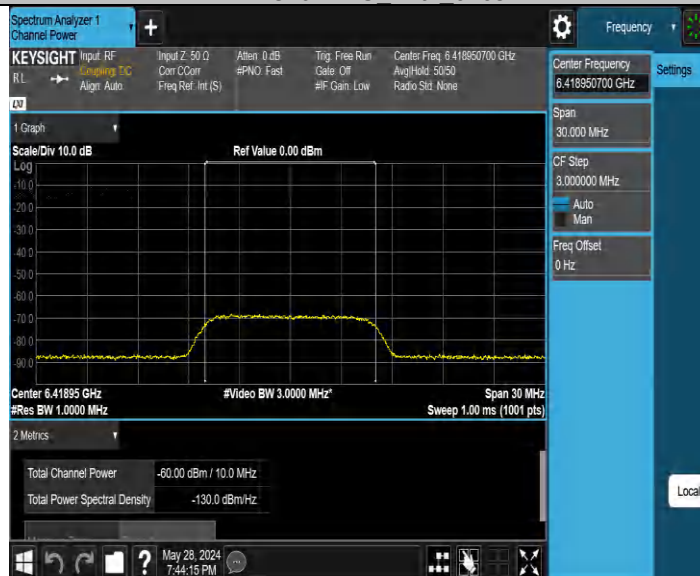
11BE320MIMO_Ant1_6265



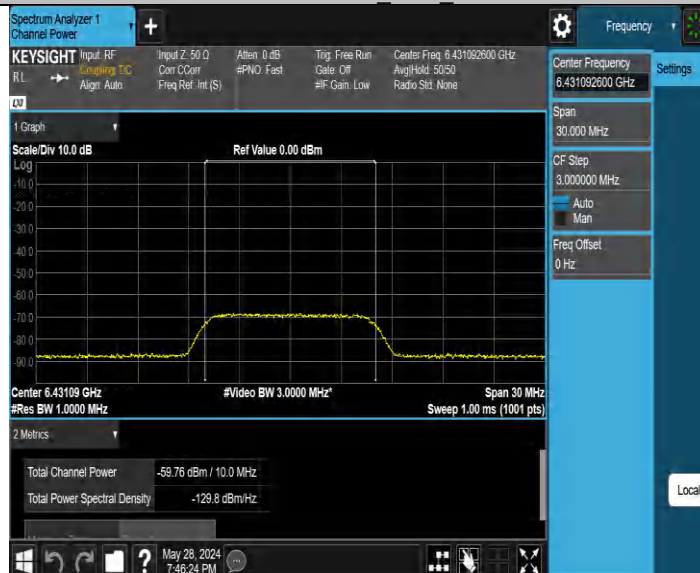
11BE320MIMO Ant1 6265



11BE320MIMO Ant1 6265



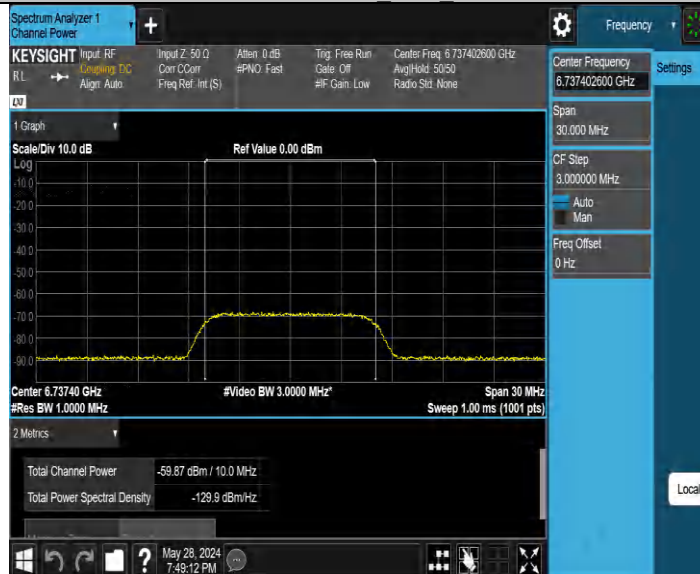
11BE320MIMO Ant1 6585



11BE320MIMO Ant1 6585



11BE320MIMO Ant1 6585



11BE320MIMO Ant1 6905





Appendix B.9: Frequency Stability

TestMode	Antenna	Frequency [MHz]	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11A-CDD	Ant1	5955	HV	NT	20000.00	3.358522	20	PASS
			LV	NT	20000.00	3.358522	20	PASS
			NV	NT	20000.00	3.358522	20	PASS
		6435	HV	NT	20000.00	3.108003	20	PASS
			LV	NT	20000.00	3.108003	20	PASS
			NV	NT	20000.00	3.108003	20	PASS
		6535	HV	NT	20000.00	3.060444	20	PASS
			LV	NT	20000.00	3.060444	20	PASS
			NV	NT	40000.00	6.120888	20	PASS
		6895	HV	NT	40000.00	5.801305	20	PASS
			LV	NT	20000.00	2.900653	20	PASS
			NV	NT	20000.00	2.900653	20	PASS

TestMode	Antenna	Frequency [MHz]	Temperature					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11A-CDD	Ant1	5955	NV	50	20000.00	3.358522	20	PASS
			NV	-20	20000.00	3.358522	20	PASS
			NV	-10	20000.00	3.358522	20	PASS
			NV	0	20000.00	3.358522	20	PASS
			NV	10	20000.00	3.358522	20	PASS
			NV	20	20000.00	3.358522	20	PASS
			NV	30	20000.00	3.358522	20	PASS
			NV	40	20000.00	3.358522	20	PASS
		6435	NV	-30	20000.00	3.358522	20	PASS
			NV	30	20000.00	3.108003	20	PASS
			NV	20	20000.00	3.108003	20	PASS
			NV	10	40000.00	6.216006	20	PASS
			NV	0	20000.00	3.108003	20	PASS
			NV	-10	20000.00	3.108003	20	PASS
			NV	40	20000.00	3.108003	20	PASS
			NV	-30	20000.00	3.108003	20	PASS
		6535	NV	50	20000.00	3.108003	20	PASS
			NV	-20	20000.00	3.108003	20	PASS
			NV	50	40000.00	6.120888	20	PASS
			NV	-20	40000.00	6.120888	20	PASS
			NV	-10	20000.00	3.060444	20	PASS
			NV	0	20000.00	3.060444	20	PASS
			NV	10	20000.00	3.060444	20	PASS
			NV	20	20000.00	3.060444	20	PASS
		6895	NV	30	40000.00	6.120888	20	PASS
			NV	40	20000.00	3.060444	20	PASS
			NV	-30	40000.00	6.120888	20	PASS
			NV	40	20000.00	2.900653	20	PASS
			NV	30	40000.00	5.801305	20	PASS
			NV	20	20000.00	2.900653	20	PASS
			NV	10	20000.00	2.900653	20	PASS
			NV	0	20000.00	2.900653	20	PASS
		6895	NV	-10	20000.00	2.900653	20	PASS
			NV	-30	20000.00	2.900653	20	PASS
			NV	50	20000.00	2.900653	20	PASS
			NV	-20	40000.00	5.801305	20	PASS

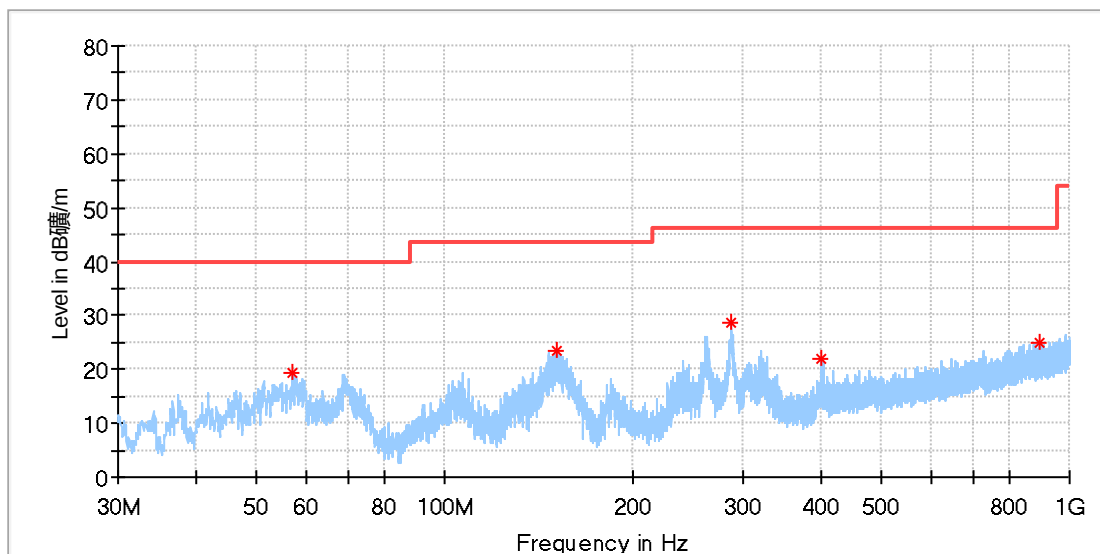
Appendix B.10: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. 2. This testing was carried out on different modulations, but only the worst case was presented in this report. 3. Both Full RU and Partial RU tested for 802.11 be/ax, only the worst-case reported.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Wi-Fi7 Router
Model:	AR2340G
Test Mode:	WIFI 6E_11a_Ch113
Order No/Sample No:	168478033/A003691667-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

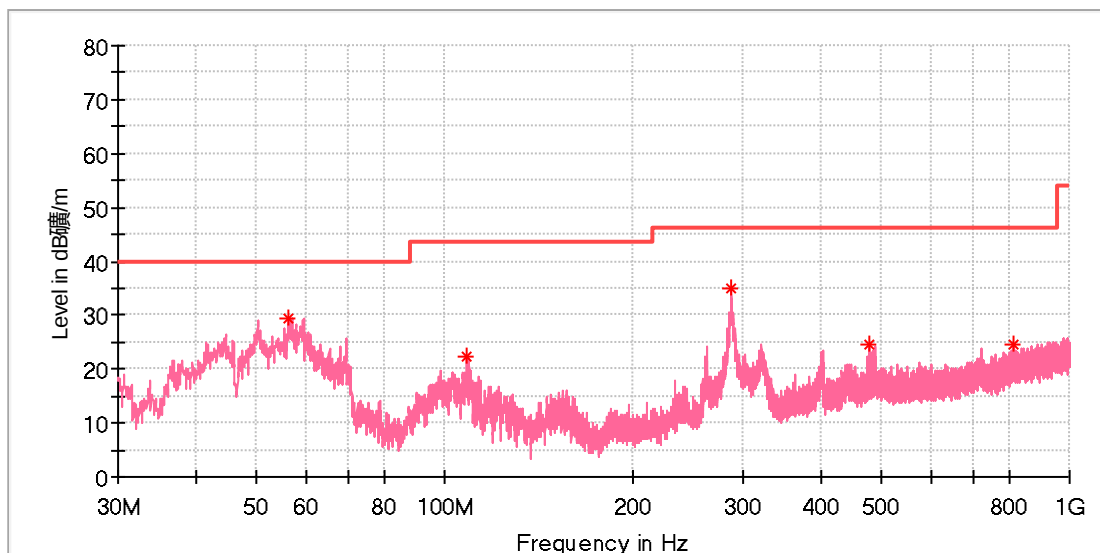
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.973462	19.53	40.00	20.47	100.0	H	319.0	-19.0
151.138077	23.59	43.50	19.91	100.0	H	345.0	-22.5
287.460385	28.71	46.00	17.29	100.0	H	337.0	-16.9
401.099615	22.12	46.00	23.88	100.0	H	301.0	-14.1
894.829615	24.78	46.00	21.22	100.0	H	291.0	-5.4

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11a_Ch113
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.376539	29.55	40.00	10.45	100.0	V	121.0	-18.9
108.234231	22.16	43.50	21.34	100.0	V	0.0	-19.3
287.124615	35.02	46.00	10.98	100.0	V	56.0	-16.9
479.296539	24.39	46.00	21.61	100.0	V	2.0	-12.6
811.446923	24.42	46.00	21.58	100.0	V	310.0	-6.5

Final_Result

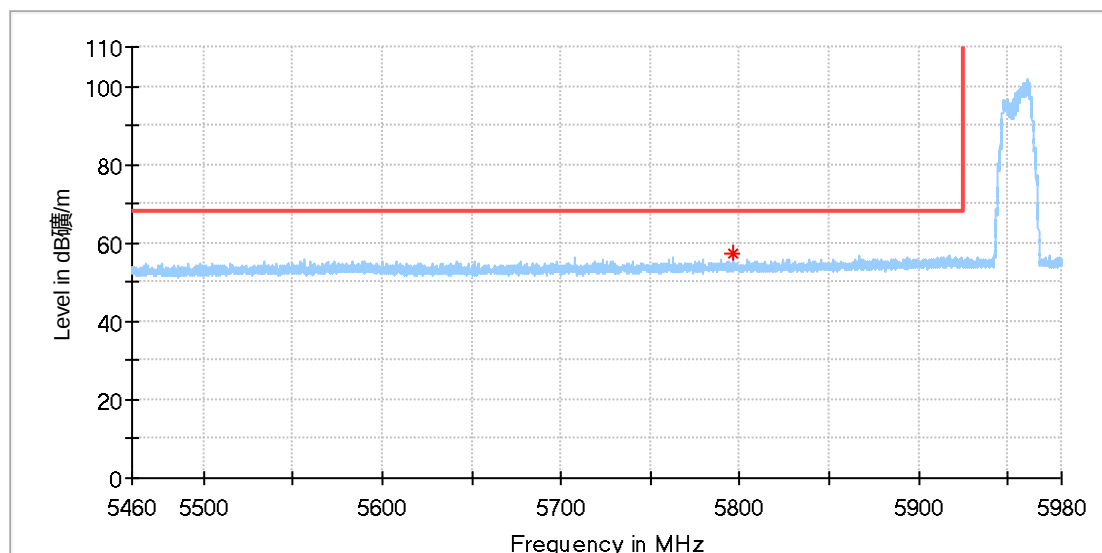
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

Above 1GHz

Note: The highest waveform in the figure is 6GHz Wi-Fi Fundamental.

EUT Information

EUT Name:	Wi-Fi7 Router
Model:	AR2340G
Test Mode:	WIFI 6E_11a_Ch1
Order No/Sample No:	168478033/A003691667-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

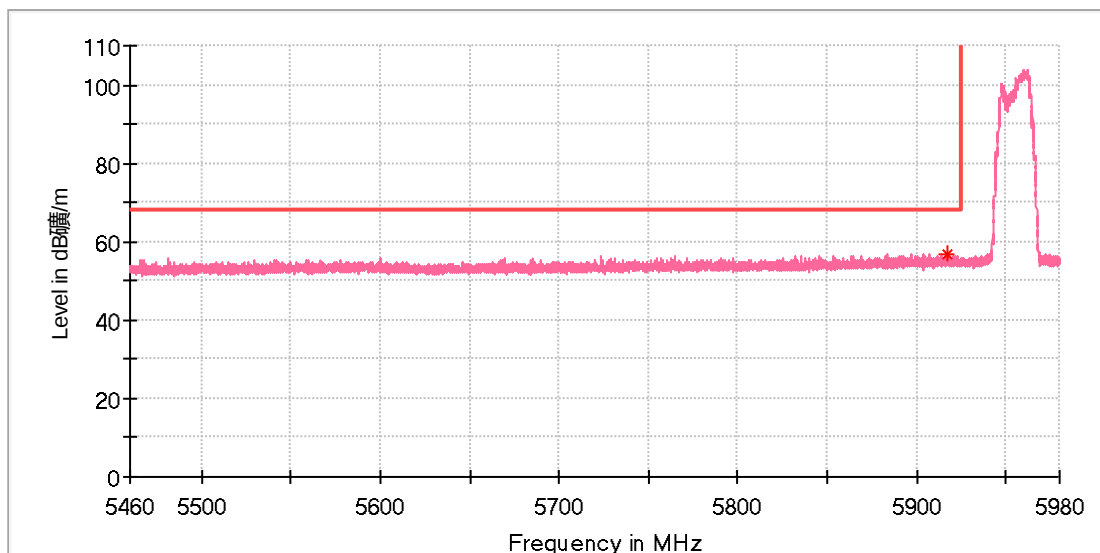
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5796.210000	57.05	---	68.20	11.15	150.0	H	185.0	14.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11a_Ch1
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

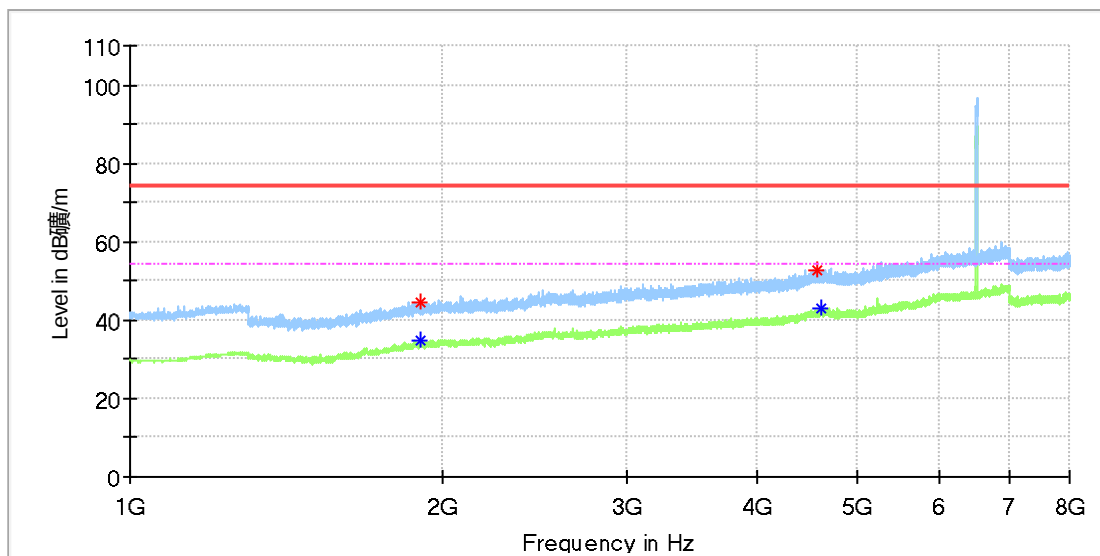
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5917.330833	56.90	---	68.20	11.30	150.0	V	51.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11a_Ch113
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

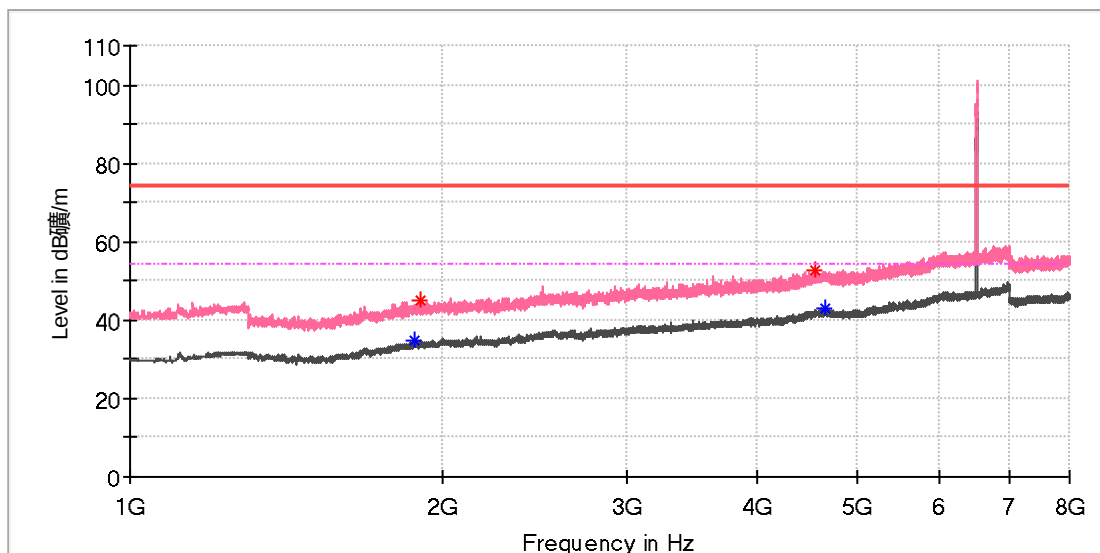
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1905.233333	---	34.67	54.00	19.33	150.0	H	128.0	5.6
1905.791667	44.74	---	74.00	29.26	150.0	H	322.0	5.6
4566.808333	52.59	---	74.00	21.41	150.0	H	202.0	12.0
4623.758333	---	42.83	54.00	11.17	150.0	H	240.0	12.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11a_Ch113
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

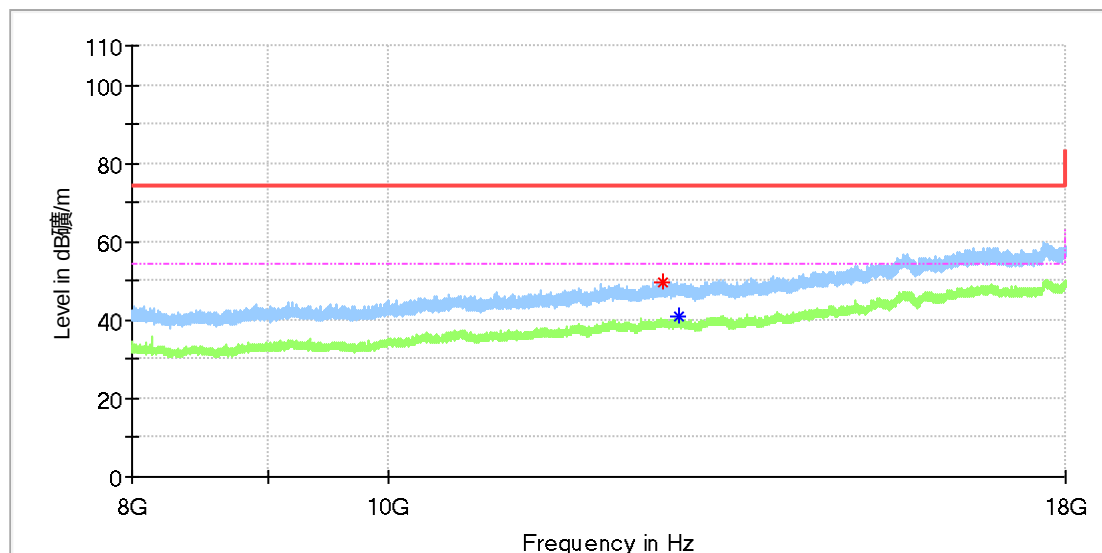
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1876.758333	---	34.54	54.00	19.46	150.0	V	248.0	5.3
1903.558333	45.13	---	74.00	28.88	150.0	V	217.0	5.6
4551.733333	52.50	---	74.00	21.50	150.0	V	298.0	11.9
4656.141667	---	42.92	54.00	11.08	150.0	V	268.0	12.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11a_Ch113
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

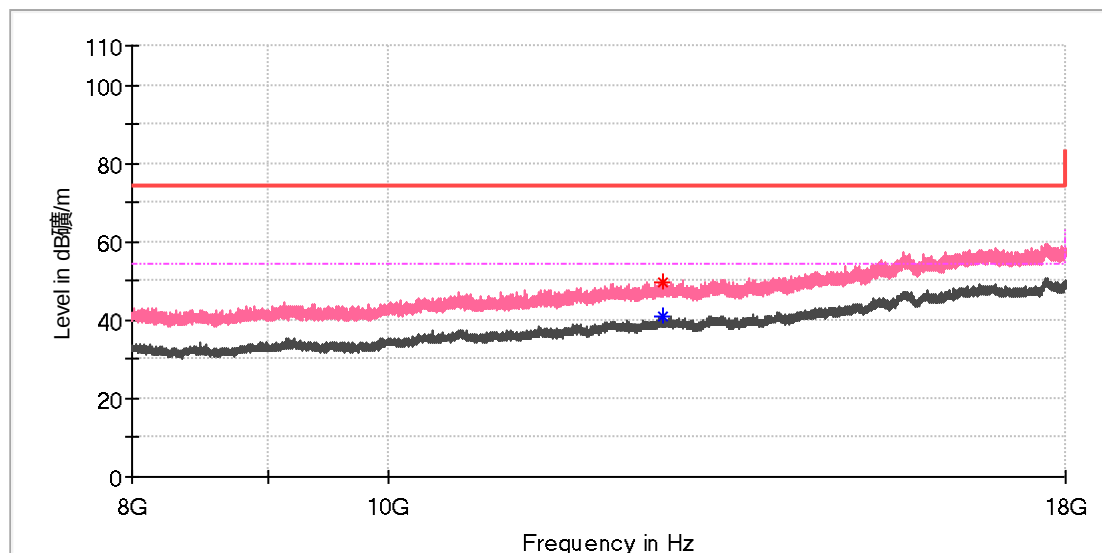
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
12684.000000	49.84	---	74.00	24.16	150.0	H	70.0	15.1
12874.000000	---	40.89	54.00	13.11	150.0	H	248.0	15.4

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11a_Ch113
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

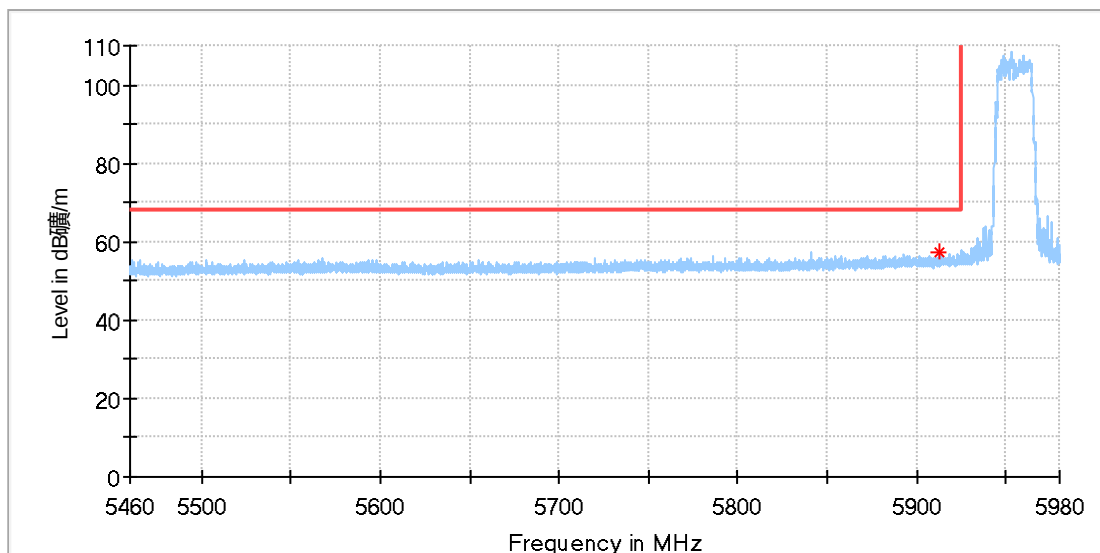
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
12680.500000	---	40.83	54.00	13.17	150.0	V	108.0	15.1
12687.500000	49.56	---	74.00	24.44	150.0	V	241.0	15.1

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11ax20_Ch1
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

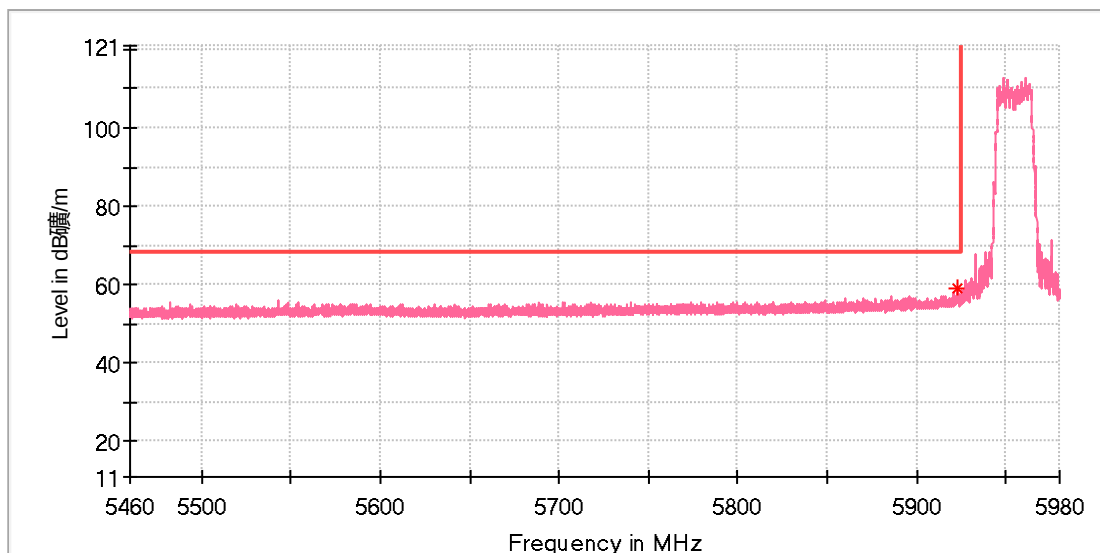
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5913.040000	57.16	---	68.20	11.04	150.0	H	310.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11ax20_Ch1
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

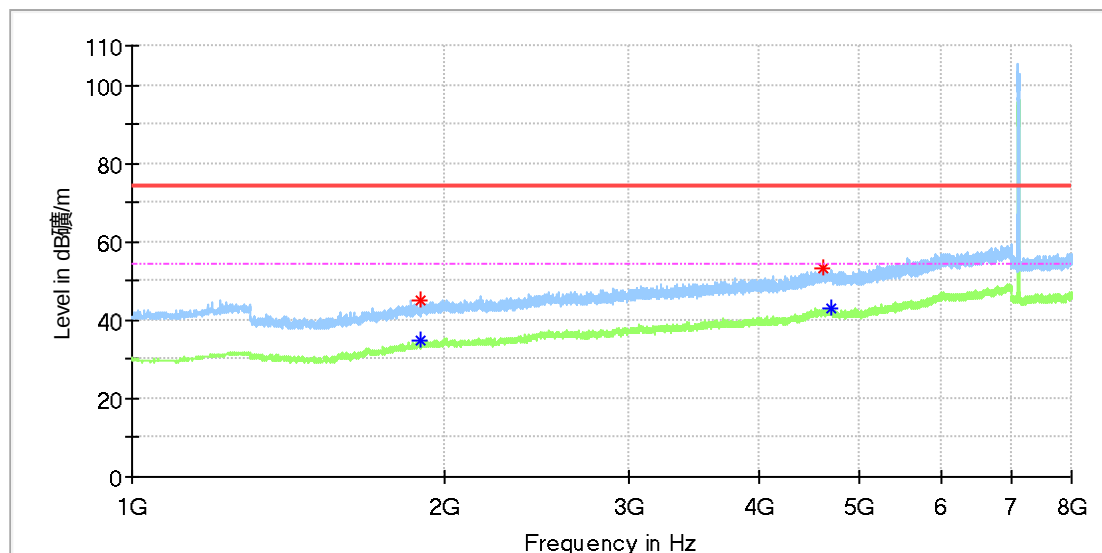
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5923.193333	58.88	---	68.20	9.32	150.0	V	350.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11ax20_Ch233
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

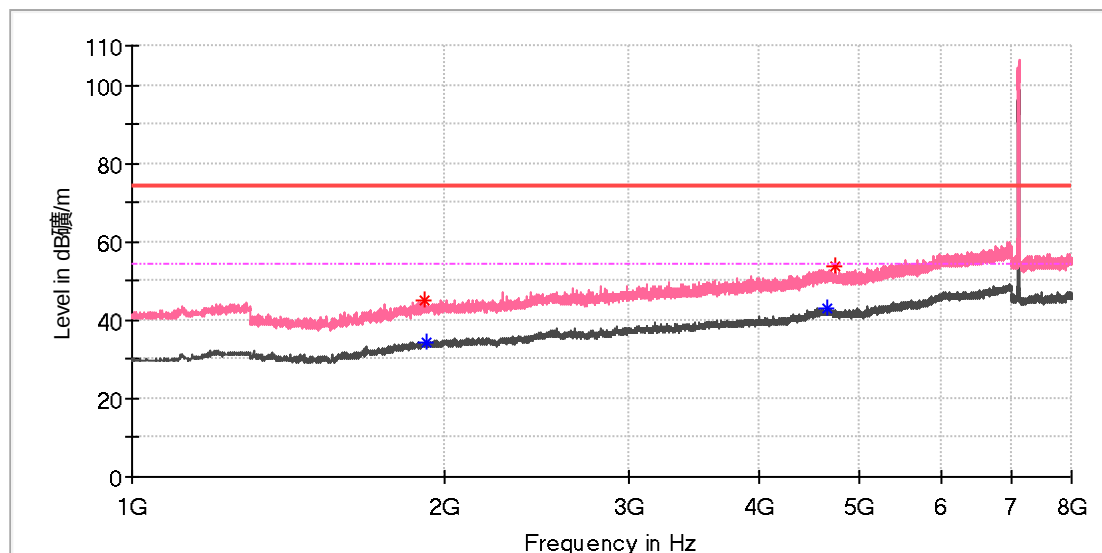
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1890.158333	---	34.56	54.00	19.44	150.0	H	310.0	5.5
1894.066667	44.91	---	74.00	29.09	150.0	H	7.0	5.5
4623.200000	53.13	---	74.00	20.87	150.0	H	179.0	12.0
4693.550000	---	42.78	54.00	11.22	150.0	H	271.0	12.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11ax20_Ch233
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

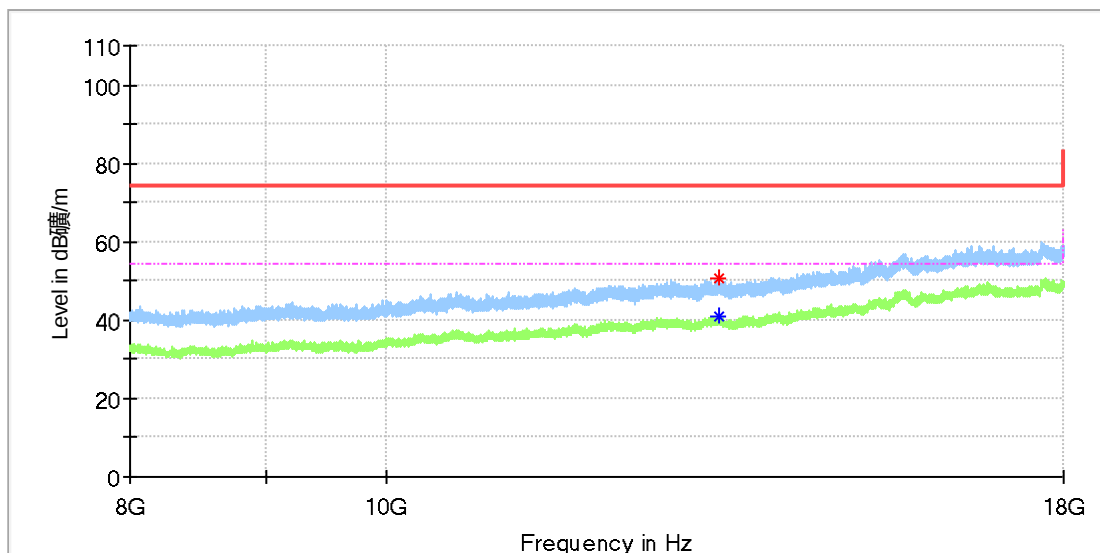
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1913.050000	45.08	---	74.00	28.92	150.0	V	309.0	5.6
1921.983333	---	34.48	54.00	19.52	150.0	V	7.0	5.6
4655.583333	---	43.08	54.00	10.92	150.0	V	201.0	12.0
4748.266667	53.64	---	74.00	20.36	150.0	V	356.0	11.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11ax20_Ch233
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

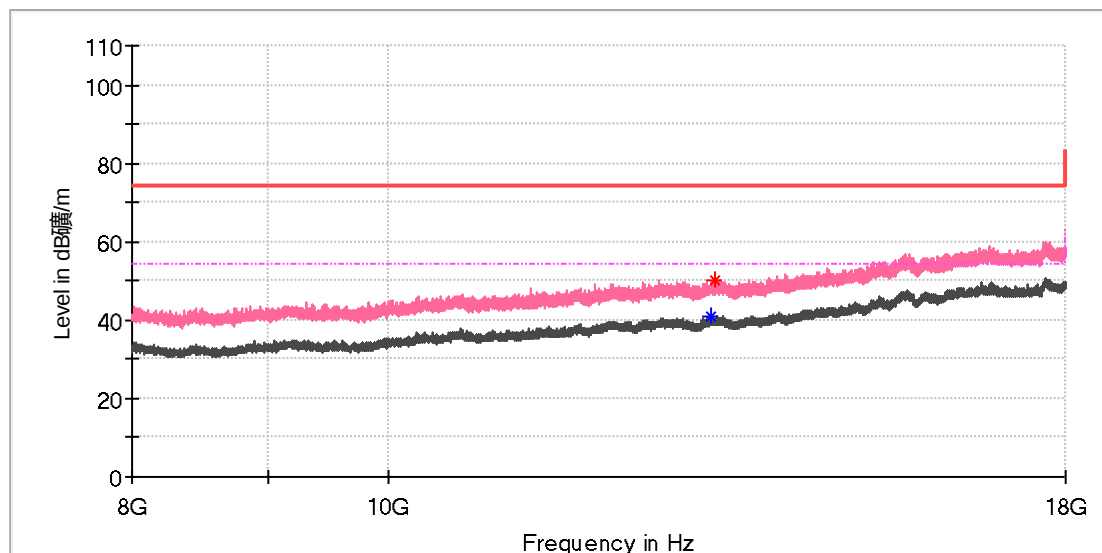
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
13342.500000	---	40.79	54.00	13.21	150.0	H	241.0	15.5
13348.500000	50.81	---	74.00	23.19	150.0	H	329.0	15.5

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11ax20_Ch233
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

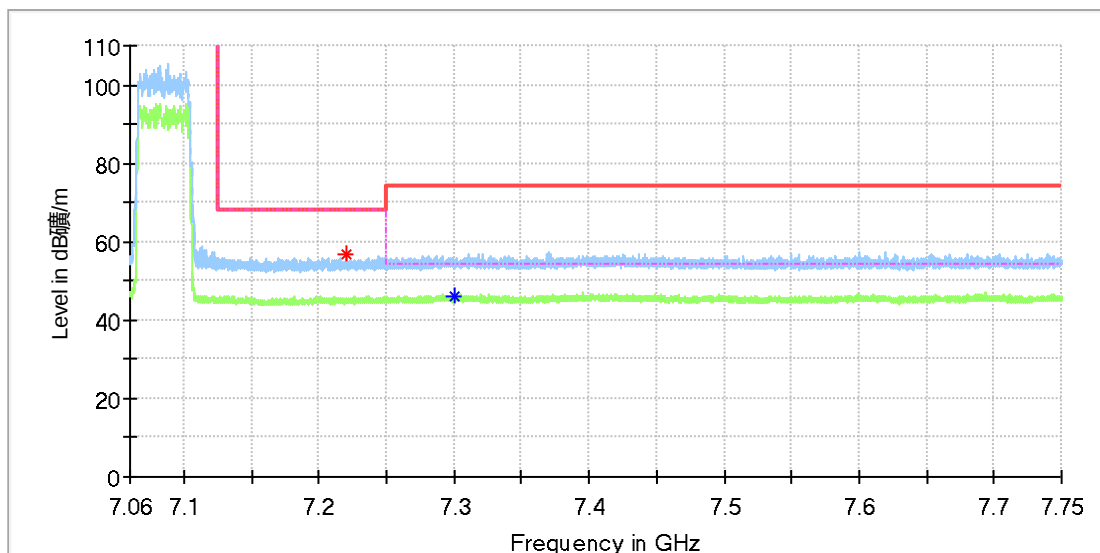
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
13233.500000	---	41.01	54.00	12.99	150.0	V	64.0	15.5
13265.500000	50.05	---	74.00	23.95	150.0	V	261.0	15.5

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11ax40_Ch227
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

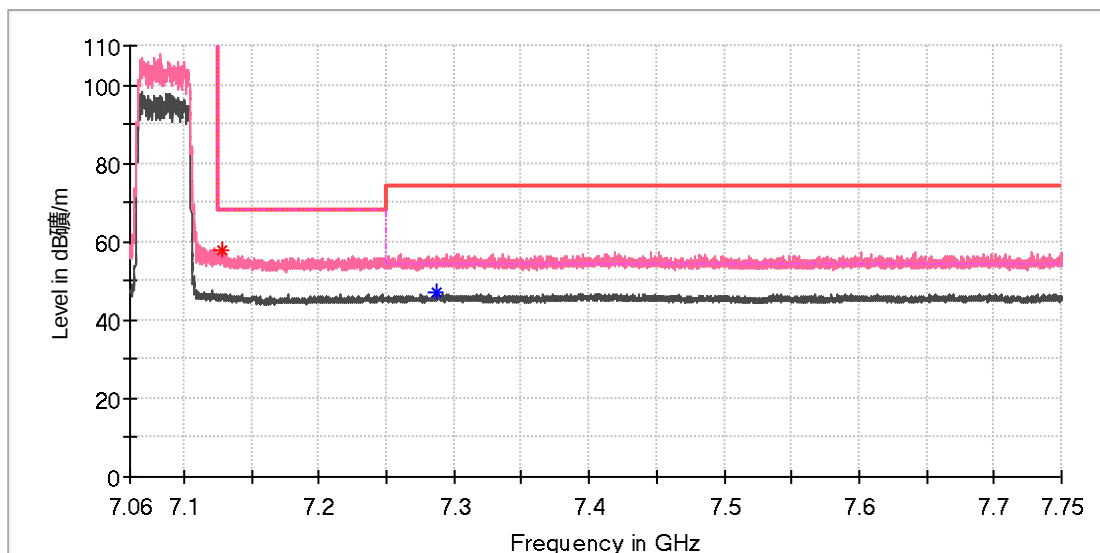
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7220.675833	56.57	---	68.20	11.63	150.0	H	303.0	17.9
7300.718333	---	46.27	54.00	7.73	150.0	H	225.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11ax40_Ch227
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

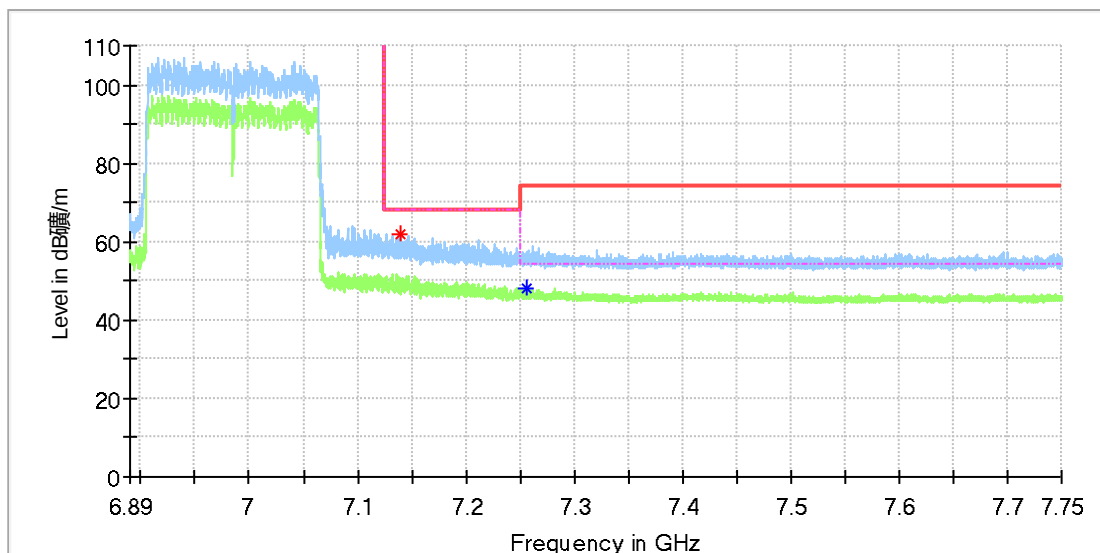
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7127.924167	57.72	---	68.20	10.48	150.0	V	12.0	17.8
7287.672500	---	46.90	54.00	7.10	150.0	V	50.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11ax160_Ch207
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

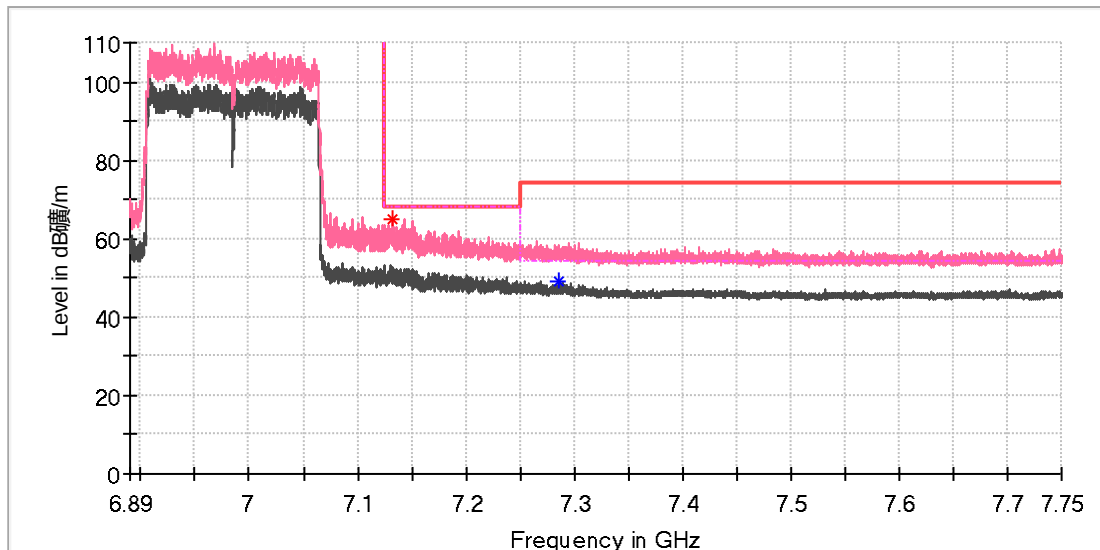
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7139.960000	61.93	---	68.20	6.27	150.0	H	240.0	17.8
7257.035833	---	48.10	54.00	5.90	150.0	H	34.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11ax160_Ch207
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

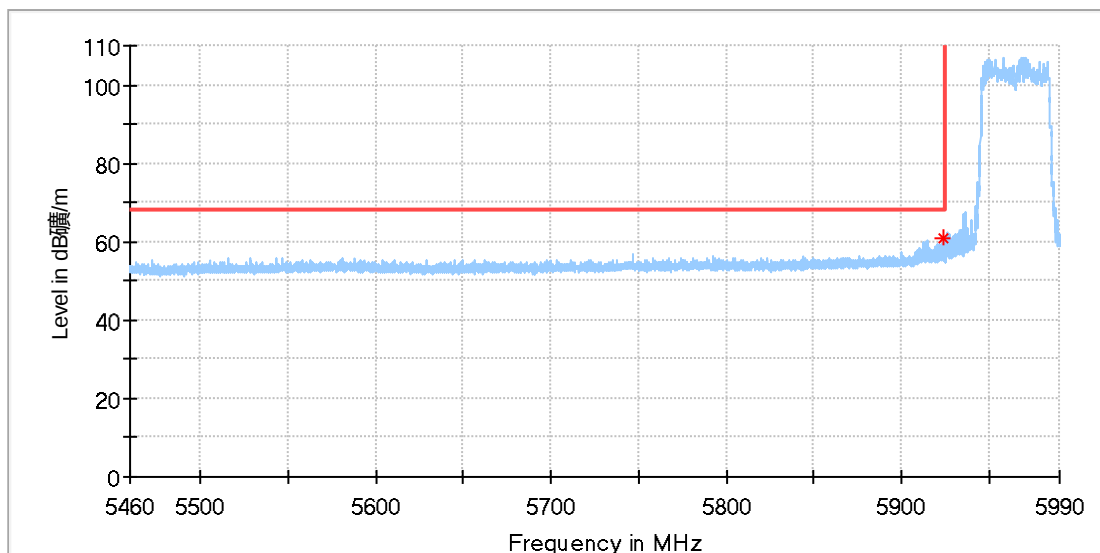
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7132.890000	65.09	---	68.20	3.11	150.0	V	16.0	17.8
7285.063333	---	49.20	54.00	4.81	150.0	V	347.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE40_Ch3
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

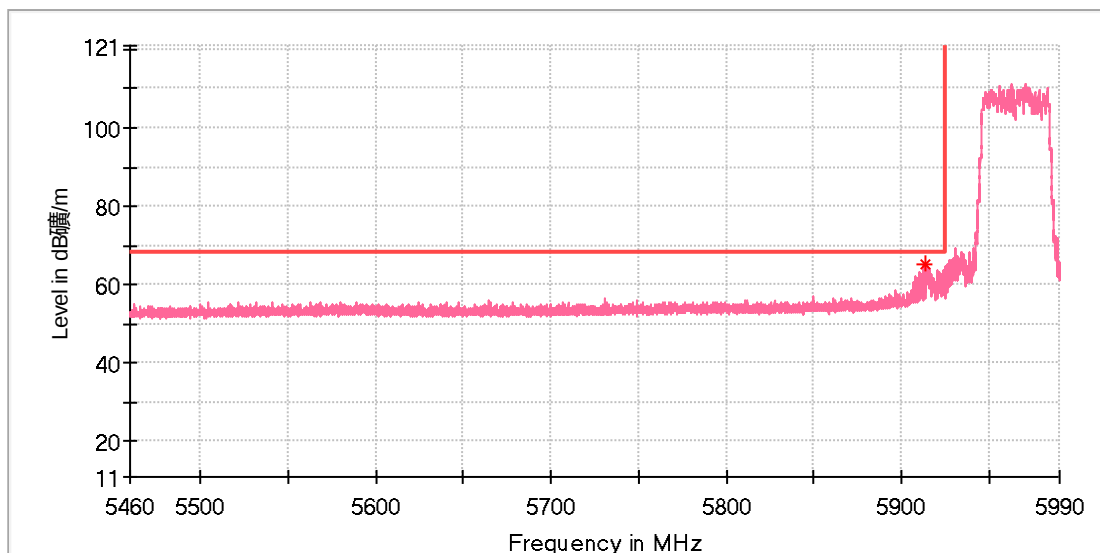
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.240000	60.88	---	68.20	7.32	150.0	H	242.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11BE40_Ch3
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

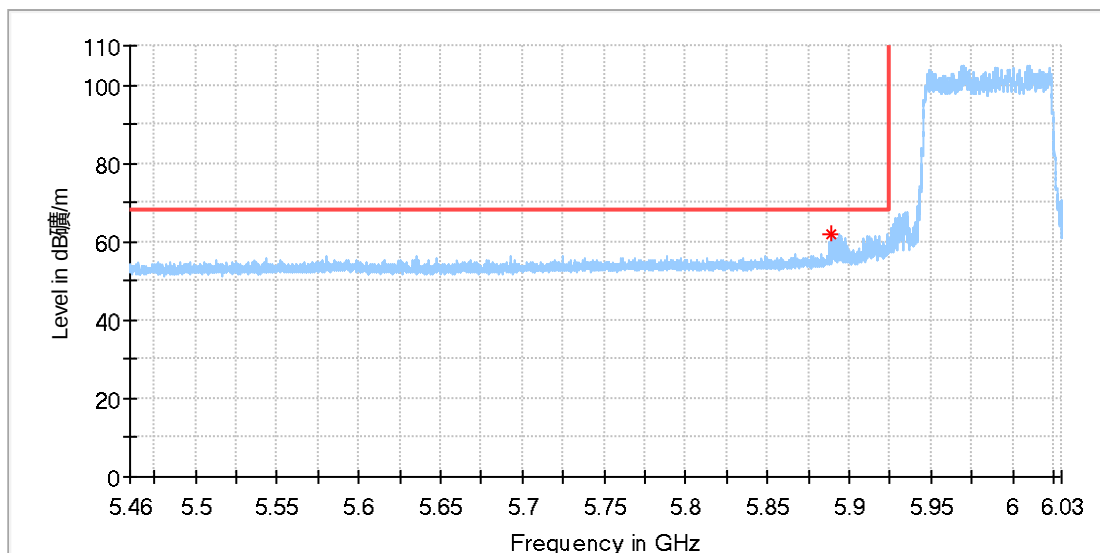
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5913.980833	65.06	---	68.20	3.14	150.0	V	0.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11BE80_Ch7
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

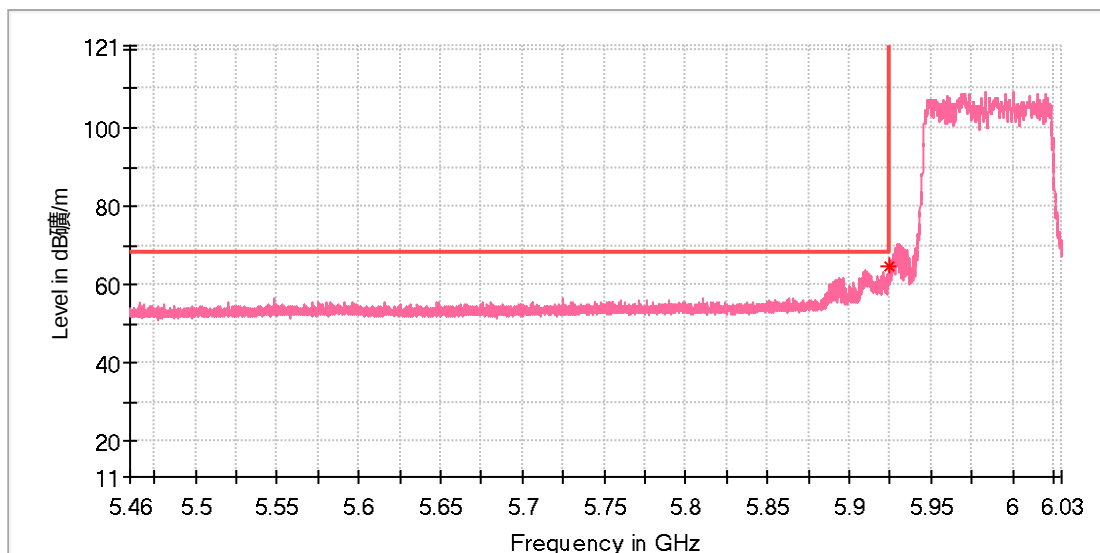
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5889.170000	61.89	---	68.20	6.31	150.0	H	232.0	14.4

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11BE80_Ch7
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

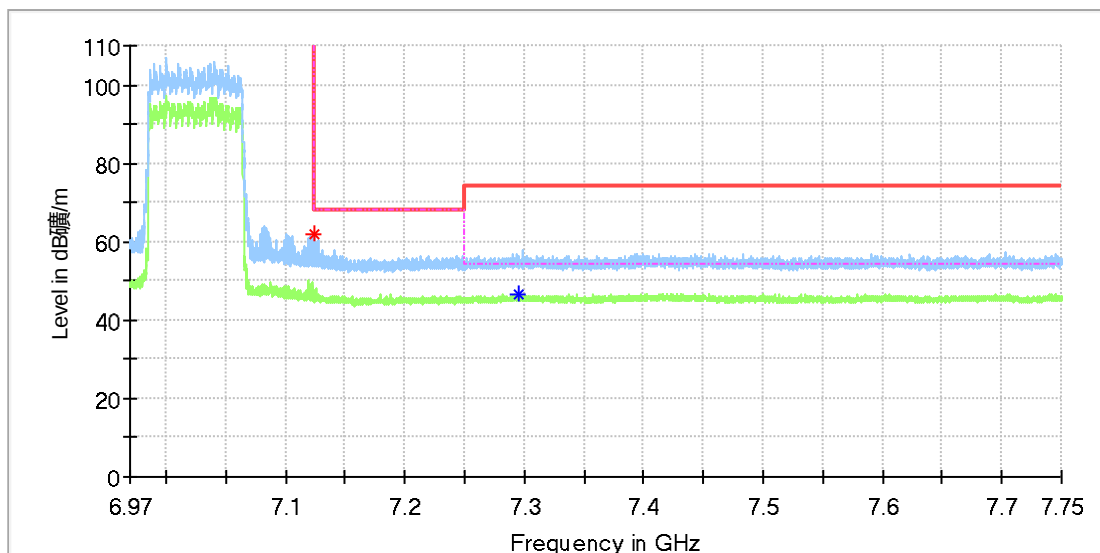
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.812500	64.52	---	68.20	3.68	150.0	V	76.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE80_Ch215
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

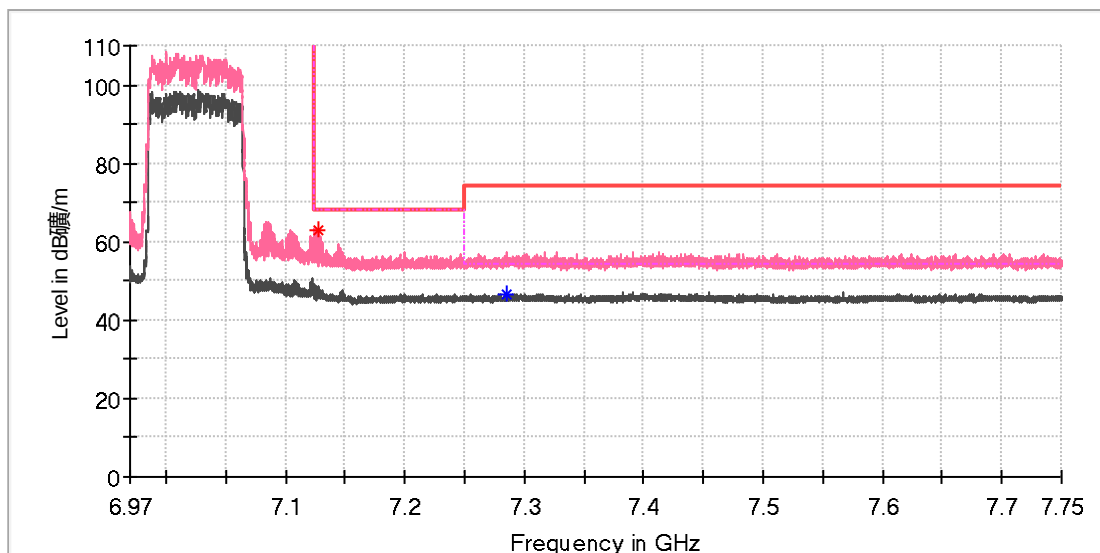
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7125.062500	61.73	---	68.20	6.47	150.0	H	205.0	17.8
7296.173333	---	46.54	54.00	7.46	150.0	H	351.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11BE80_Ch215
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

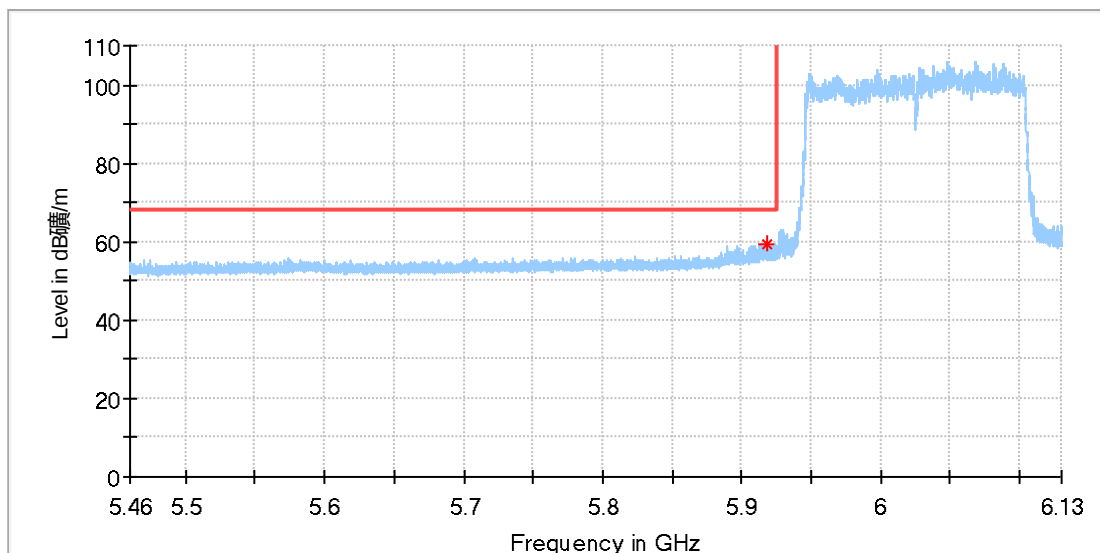
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7127.082500	63.03	---	68.20	5.17	150.0	V	0.0	17.8
7285.063333	---	46.61	54.00	7.39	150.0	V	32.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11BE160_Ch15
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

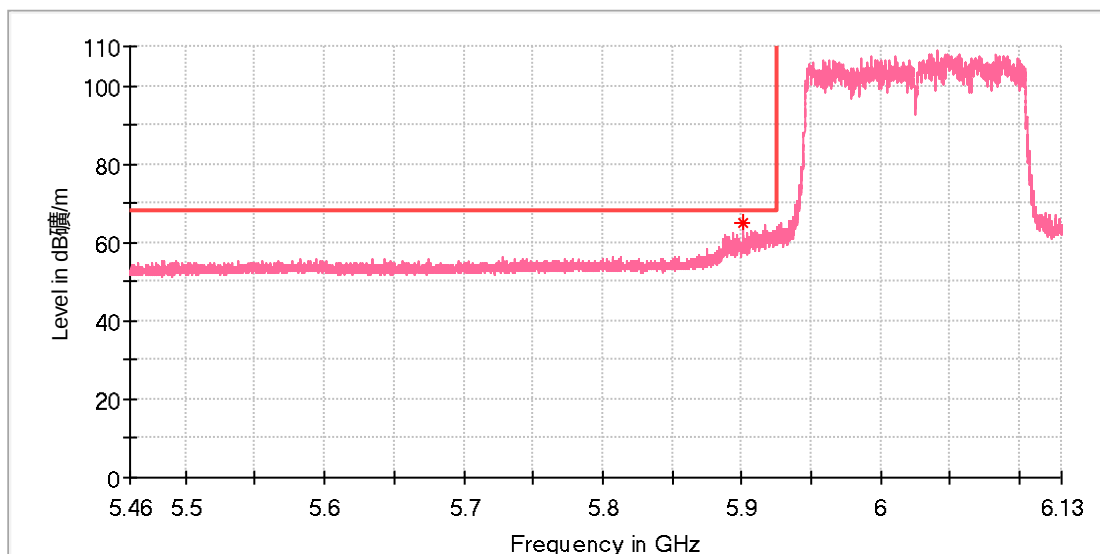
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5918.850000	59.53	---	68.20	8.67	150.0	H	23.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 6E_11BE160_Ch15
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

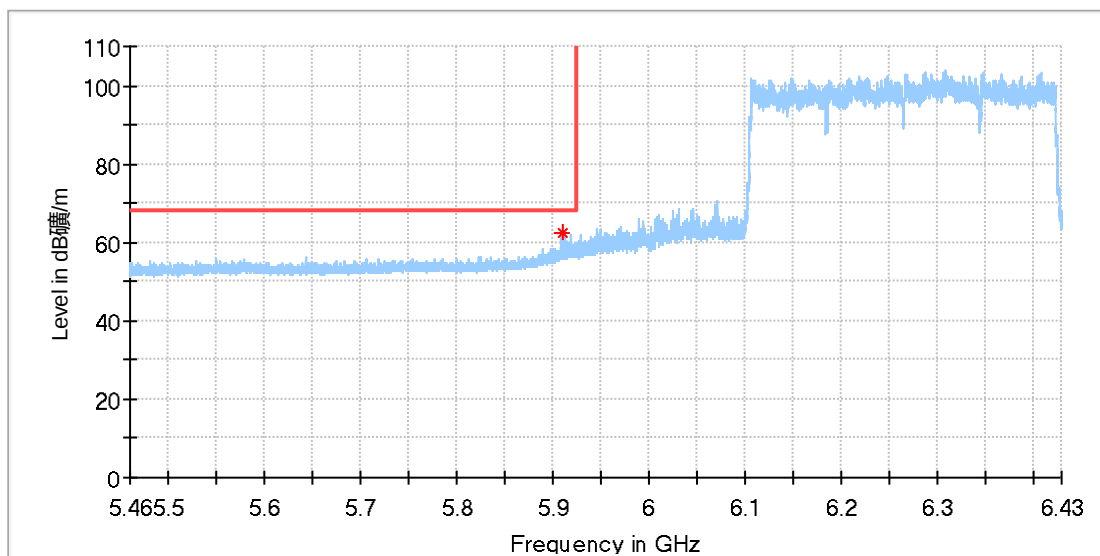
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5901.306667	65.06	---	68.20	3.14	150.0	V	48.0	14.5

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch63
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

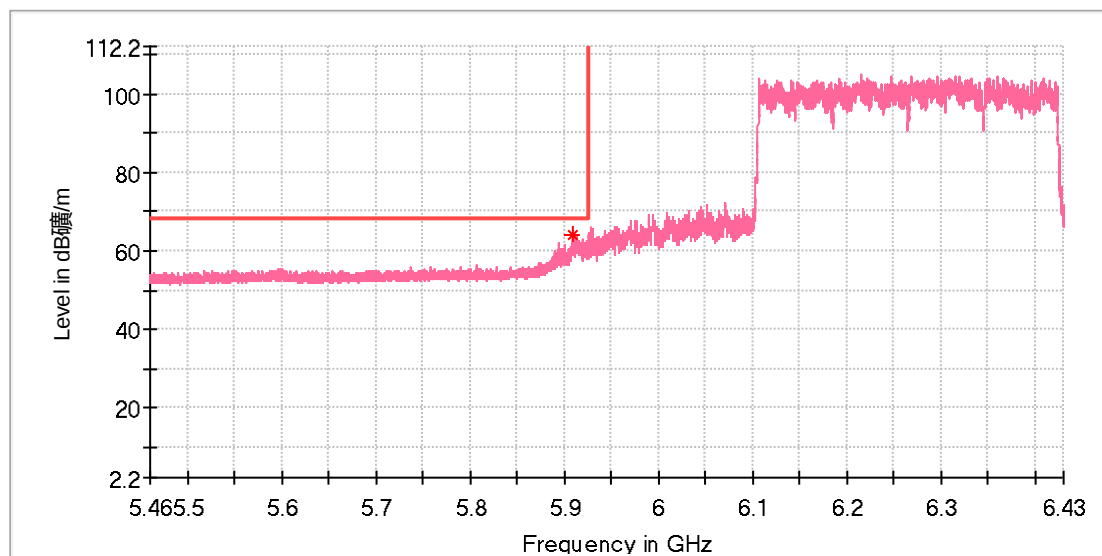
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5910.080000	62.25	---	68.20	5.95	150.0	H	235.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Wi-Fi7 Router
Model:	AR2340G
Test Mode:	WIFI 6E_11BE320_Ch63
Order No/Sample No:	168478033/A003691667-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

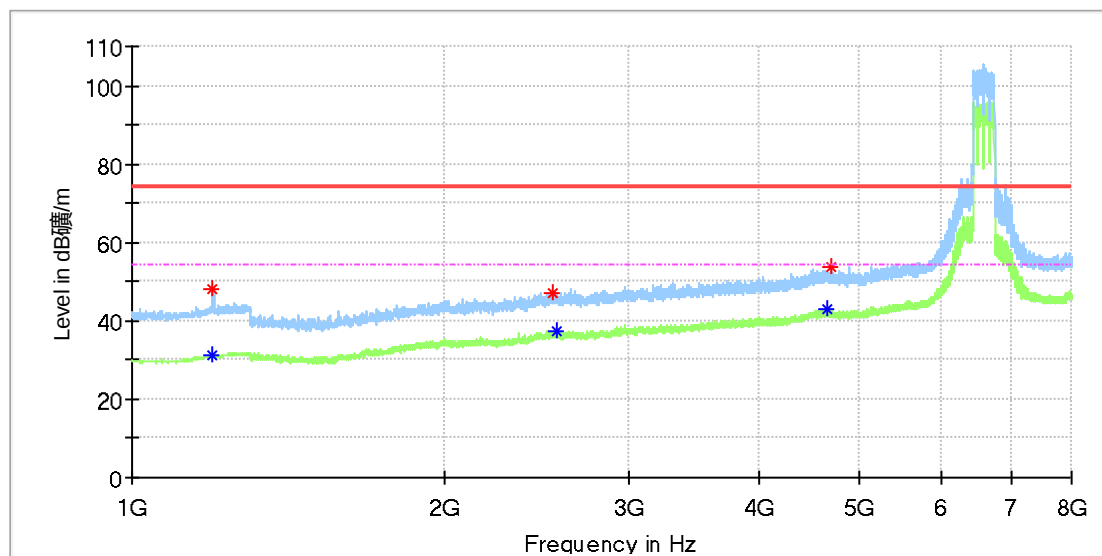
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5909.433333	64.22	---	68.20	3.98	150.0	V	35.0	14.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch127
 Order No./Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

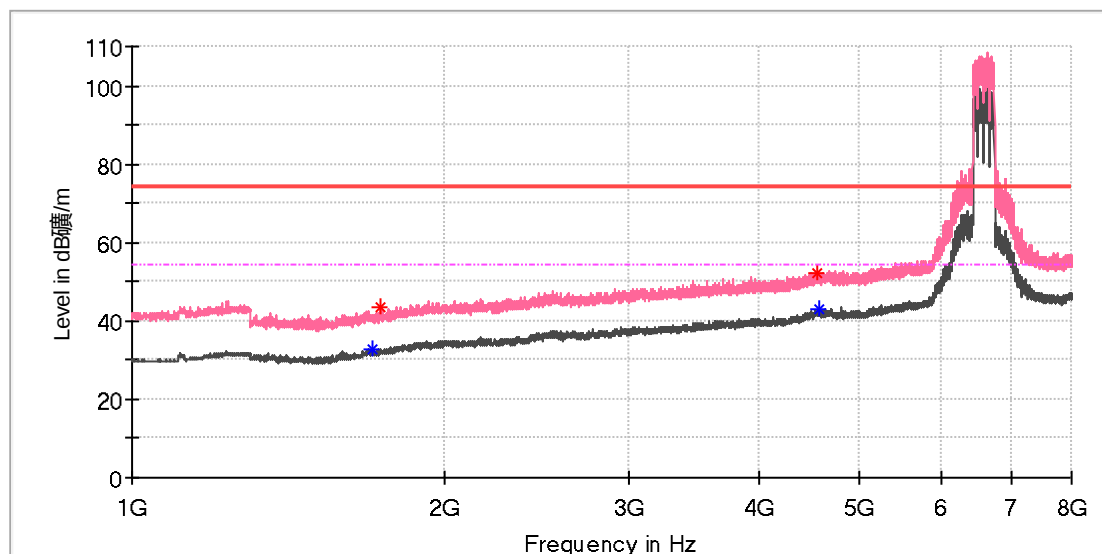
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1193.500000	48.30	---	74.00	25.70	150.0	H	31.0	1.1
1193.500000	---	31.23	54.00	22.77	150.0	H	31.0	1.1
2533.916667	47.18	---	74.00	26.82	150.0	H	16.0	7.5
2554.575000	---	37.42	54.00	16.58	150.0	H	225.0	7.6
4667.866667	---	43.08	54.00	10.92	150.0	H	54.0	12.0
4698.575000	53.88	---	74.00	20.12	150.0	H	285.0	12.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch127
 Order No./Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

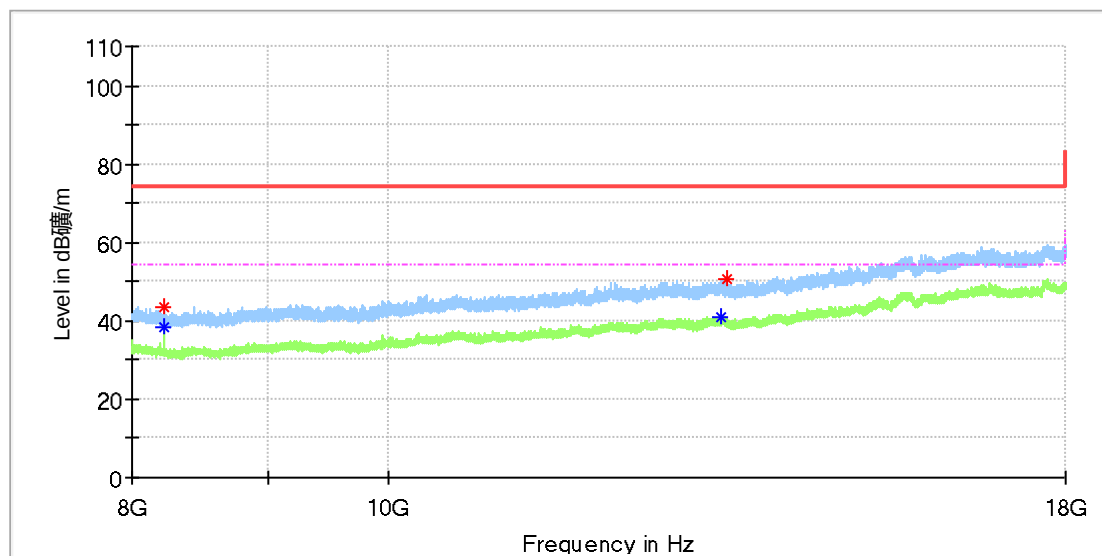
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1701.441667	---	32.81	54.00	21.19	150.0	V	79.0	3.3
1730.475000	43.71	---	74.00	30.29	150.0	V	211.0	3.5
4549.500000	52.35	---	74.00	21.65	150.0	V	181.0	11.9
4584.116667	---	42.83	54.00	11.17	150.0	V	2.0	12.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch127
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

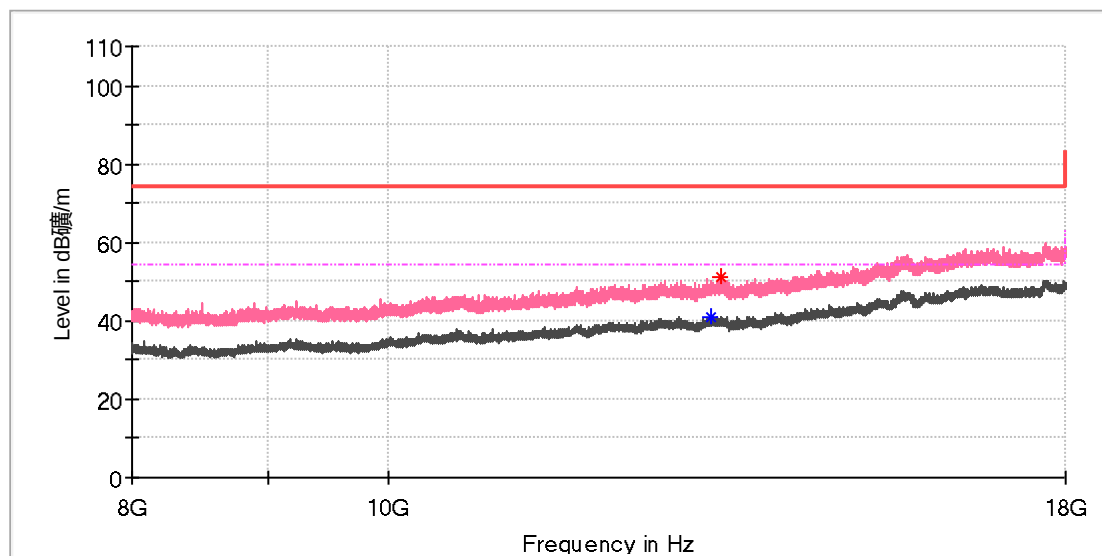
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8231.000000	43.41	---	74.00	30.59	150.0	H	345.0	8.8
8231.000000	---	38.19	54.00	15.81	150.0	H	345.0	8.8
13349.500000	---	40.94	54.00	13.06	150.0	H	190.0	15.5
13419.500000	50.68	---	74.00	23.32	150.0	H	356.0	15.6

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch127
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

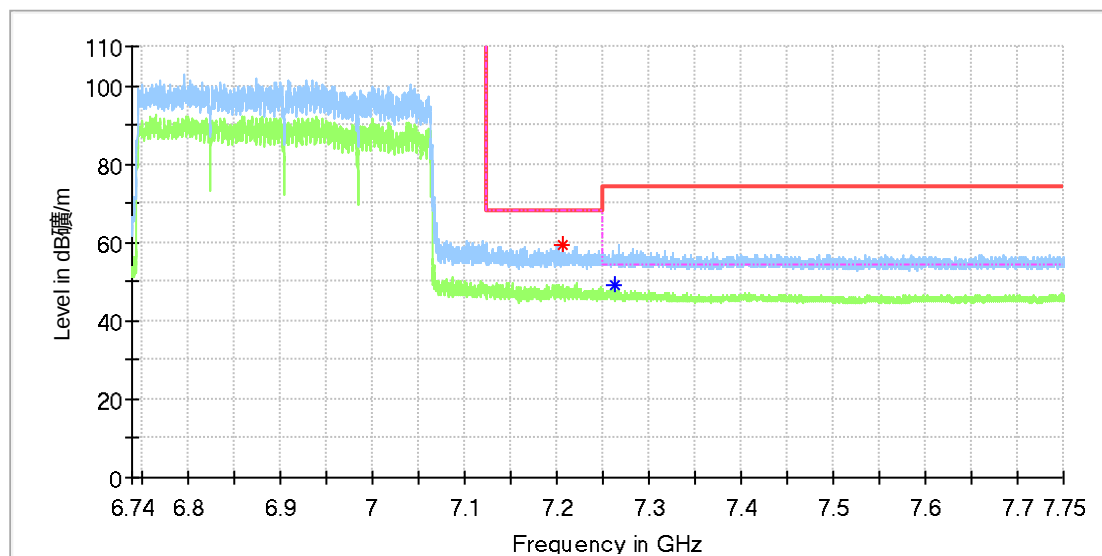
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
13218.500000	---	40.85	54.00	13.15	150.0	V	268.0	15.5
13348.000000	51.33	---	74.00	22.67	150.0	V	198.0	15.5

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch191
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

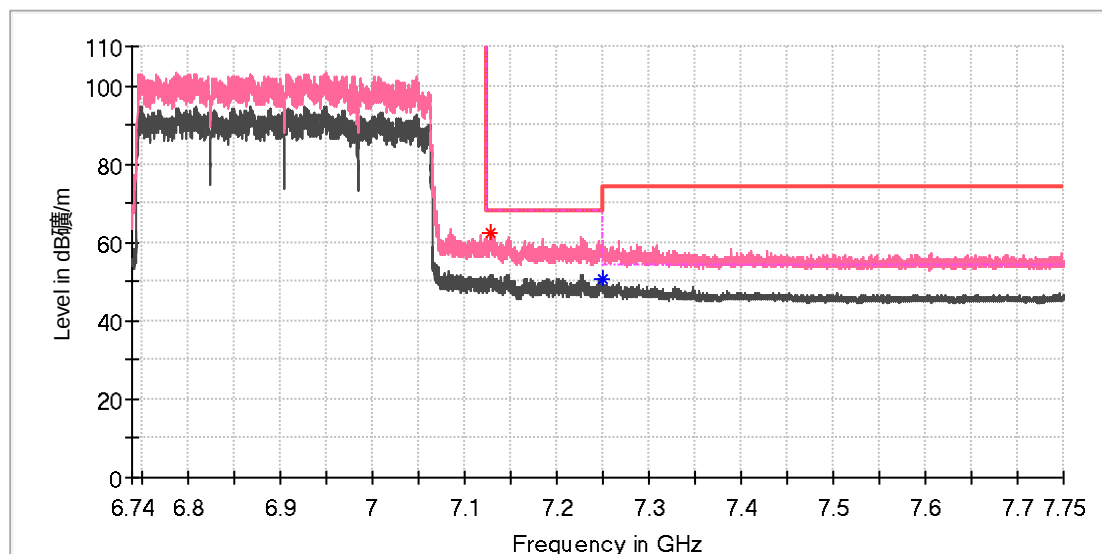
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7207.040833	59.50	---	68.20	8.70	150.0	H	12.0	17.9
7262.422500	---	49.34	54.00	4.66	150.0	H	21.0	17.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 6E_11BE320_Ch191
 Order No./Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7250.386667	---	50.58	54.00	3.42	150.0	V	8.0	17.9
7129.439167	62.55	---	68.20	5.65	150.0	V	27.0	17.8

Final_Result

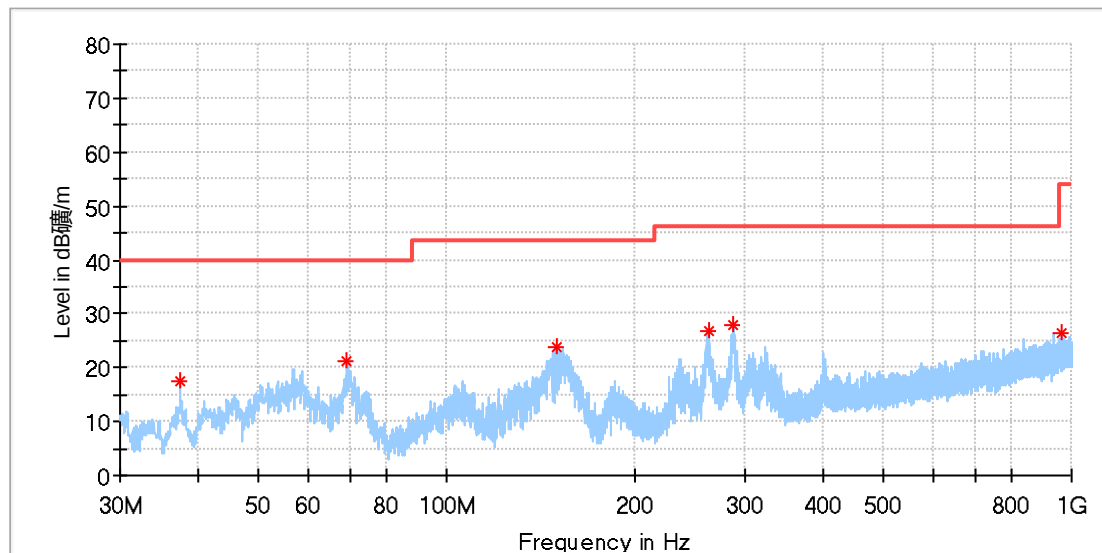
Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Co-location mode:

Simultaneous mode for 2.4GHz Wi-Fi + 5GHz Wi-Fi++ 6GHz Wi-Fi tested. It is verified that there is no emissions exceed the highest limit permitted for any one individual transmitter as required by Section 2.947(f).

EUT Information

EUT Name:	Wi-Fi7 Router
Model:	AR2340G
Test Mode:	WIFI 2.4G+WIFI 5G+WIFI 6E
Order No/Sample No:	168478033/A003691667-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical_Freqs**

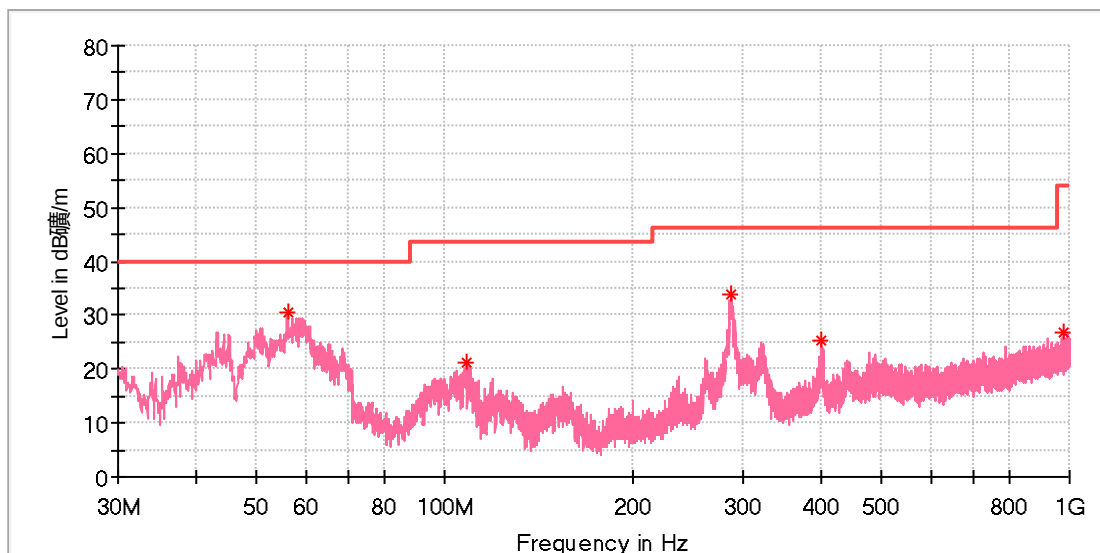
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.498846	17.34	40.00	22.66	100.0	H	164.0	-21.2
69.322308	21.03	40.00	18.97	100.0	H	59.0	-21.9
149.944231	23.79	43.50	19.71	100.0	H	355.0	-22.5
262.128462	26.64	46.00	19.36	100.0	H	221.0	-17.4
286.378462	28.03	46.00	17.97	100.0	H	319.0	-17.0
961.983462	26.59	54.00	27.41	100.0	H	294.0	-4.7

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

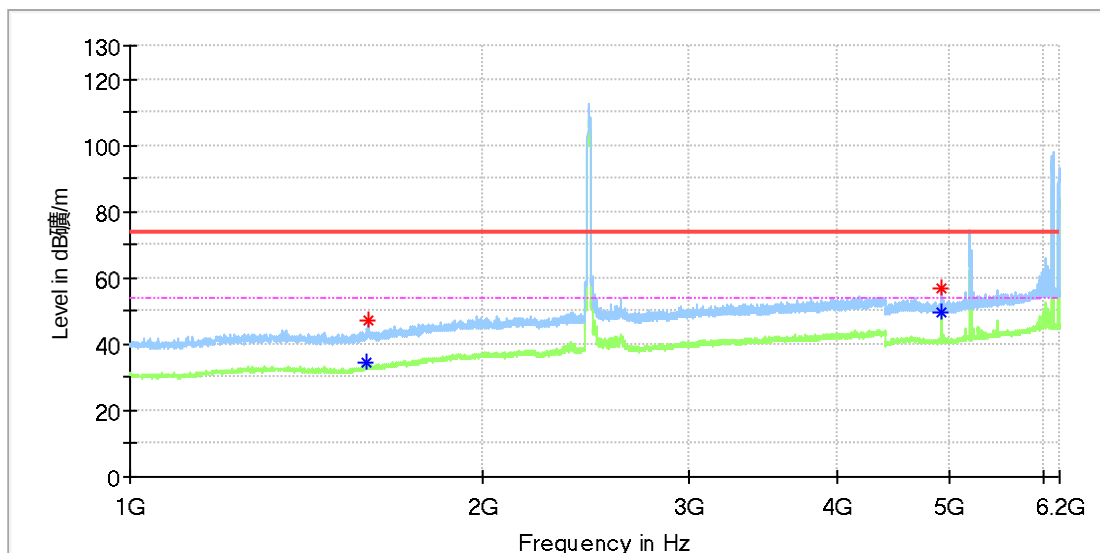
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.003462	30.50	40.00	9.50	100.0	V	85.0	-18.8
108.570000	21.38	43.50	22.12	100.0	V	0.0	-19.3
287.646923	34.03	46.00	11.97	100.0	V	14.0	-16.9
401.659231	25.15	46.00	20.85	100.0	V	37.0	-14.1
980.637308	26.72	54.00	27.28	100.0	V	157.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

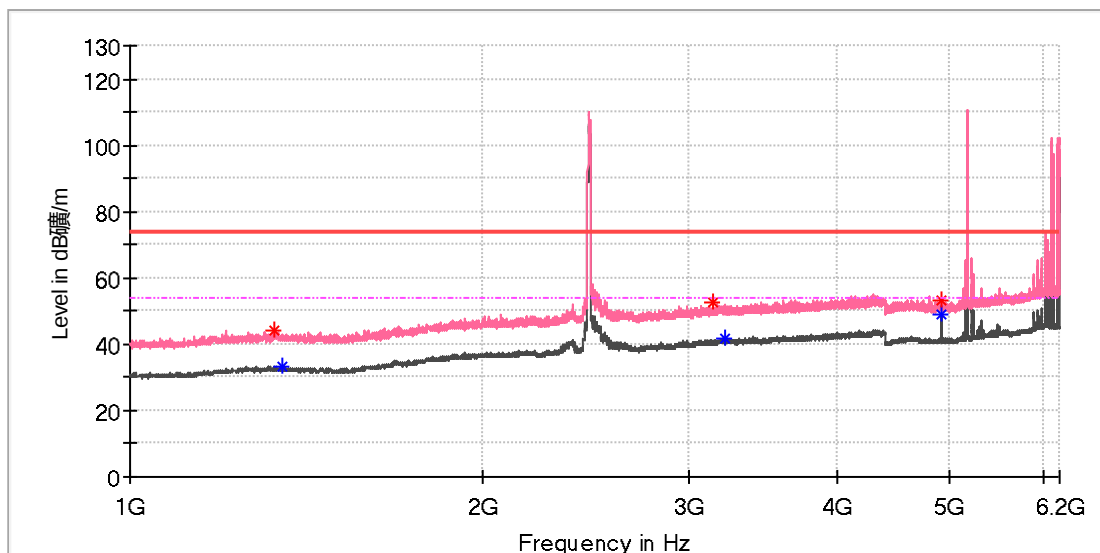
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.000000	---	34.20	54.00	19.80	150.0	H	60.0	2.0
1597.000000	46.91	---	74.00	27.09	150.0	H	105.0	2.1
4923.500000	---	49.78	54.00	4.22	150.0	H	190.0	11.8
4924.000000	57.06	---	74.00	16.94	150.0	H	190.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

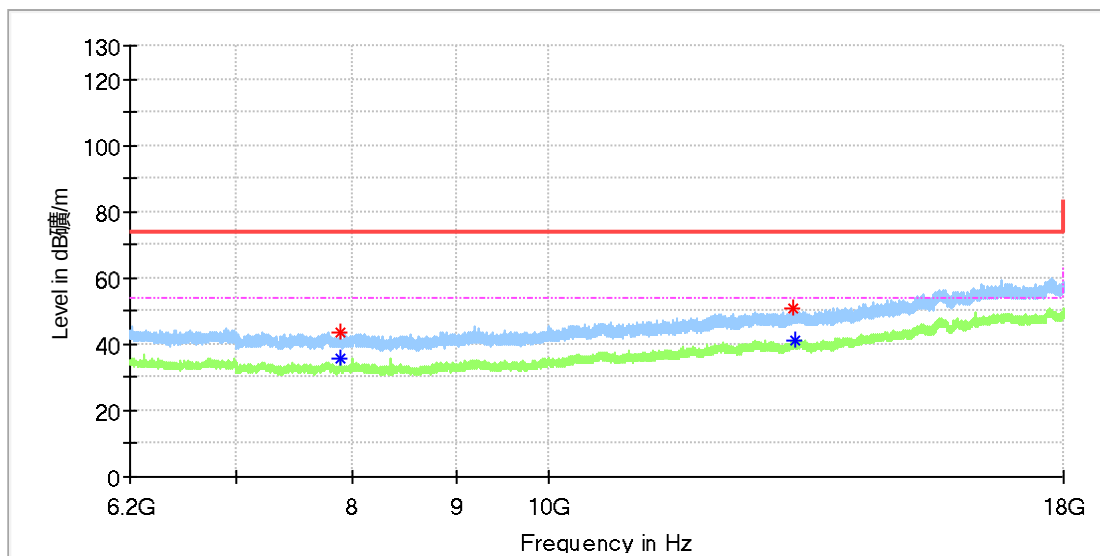
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1325.000000	43.99	---	74.00	30.01	150.0	V	224.0	2.0
1346.000000	---	33.33	54.00	20.67	150.0	V	295.0	2.1
3137.000000	52.59	---	74.00	21.41	150.0	V	212.0	8.6
3220.500000	---	41.78	54.00	12.22	150.0	V	286.0	8.6
4924.000000	---	48.72	54.00	5.28	150.0	V	105.0	11.8
4924.500000	53.11	---	74.00	20.89	150.0	V	105.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

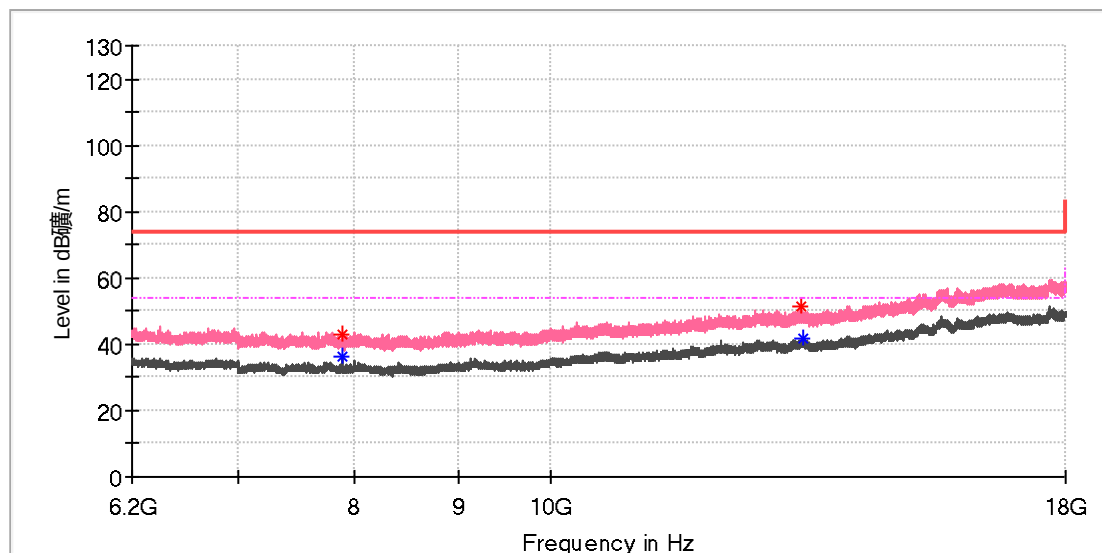
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7874.616667	---	35.84	54.00	18.16	150.0	H	226.0	8.6
7878.550000	43.53	---	74.00	30.47	150.0	H	287.0	8.6
13205.758333	50.67	---	74.00	23.33	150.0	H	348.0	15.5
13247.550000	---	41.05	54.00	12.96	150.0	H	357.0	15.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Wi-Fi7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7874.616667	---	36.53	54.00	17.47	150.0	V	305.0	8.6
7891.825000	42.95	---	74.00	31.05	150.0	V	218.0	8.7
13315.400000	51.42	---	74.00	22.58	150.0	V	218.0	15.5
13347.850000	---	41.91	54.00	12.09	150.0	V	317.0	15.5

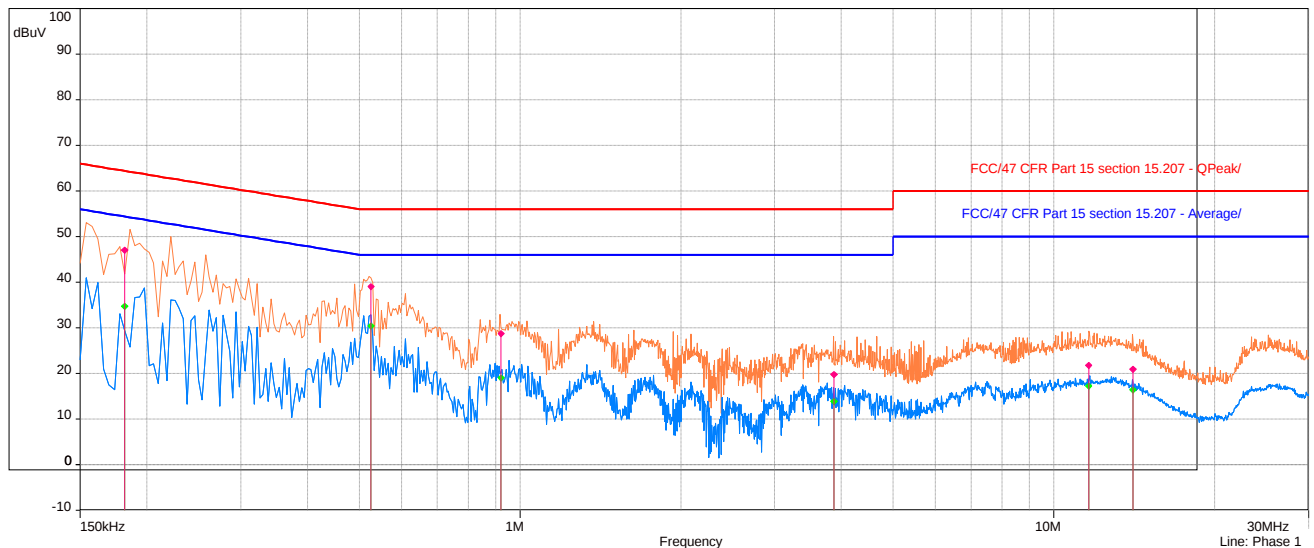
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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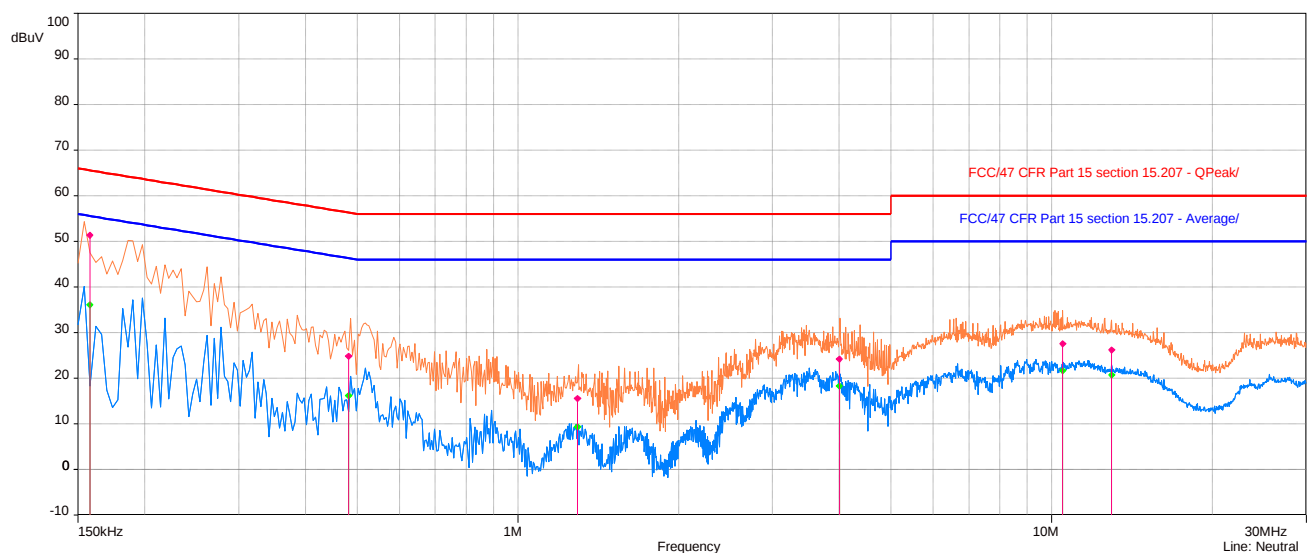
Appendix B.11: Test Results of Conducted Emission**EUT Information**

EUT Name: Wi-Fi7 Router
Model: AR2340G
Test Mode: Wi-Fi & BLE Connecting
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.207
Tested By: Jack Huang
Reviewed By: Jacky Chen

— FCC/47 CFR Part 15 section 15.207 - Average/
— FCC/47 CFR Part 15 section 15.207 - QPeak/
— Peak (Phase 1)
— Avg (Phase 1)
— Meas.Q-Peak (dBuV) (QuasiPeak) (Phase 1)
— Meas.Avg (dBuV) (Average) (Phase 1)



— FCC/47 CFR Part 15 section 15.207 - Average/
— FCC/47 CFR Part 15 section 15.207 - QPeak/
— Peak (Neutral)
— Avg (Neutral)
— Meas.Q-Peak (dBuV) (QuasiPeak) (Neutral)
— Meas.Avg (dBuV) (Average) (Neutral)



Average (12)

Frequency (MHz)	SR	Meas.Avg (dBuV)	Limit (dBuV)	Meas.-Lim (dB)	Line	RBW	Meas.Time (s)	Comments	Correction (dB)
0.159	1	36.15	55.57	-19.42	Neutral	9k	1	Pass	9.54
0.48375	1	16.23	46.30	-30.07	Neutral	9k	1	Pass	9.54
1.2935	1	9.36	46.00	-36.64	Neutral	9k	1	Pass	9.58
4.00775	1	18.38	46.00	-27.62	Neutral	9k	1	Pass	9.66
10.48375	1	21.66	50.00	-28.34	Neutral	9k	1	Pass	9.85
12.94825	1	20.79	50.00	-29.21	Neutral	9k	1	Pass	10.05
0.18375	2	34.72	54.39	-19.67	Phase 1	9k	1	Pass	9.54
0.52425	2	30.45	46.00	-15.55	Phase 1	9k	1	Pass	9.52
0.92025	2	19.10	46.00	-26.90	Phase 1	9k	1	Pass	9.53
3.87225	2	13.93	46.00	-32.07	Phase 1	9k	1	Pass	9.60
11.62375	2	17.32	50.00	-32.68	Phase 1	9k	1	Pass	9.83
14.0545	2	16.42	50.00	-33.58	Phase 1	9k	1	Pass	10.03

QuasiPeak (12)

Frequency (MHz)	SR	Meas.Q-Peak (dBuV)	Limit (dBuV)	Meas.-Lim (dB)	Line	RBW	Meas.Time (s)	Comments	Correction (dB)
0.159	1	51.42	65.57	-14.14	Neutral	9k	1	Pass	9.54
0.48375	1	24.86	56.30	-31.44	Neutral	9k	1	Pass	9.54
1.2935	1	15.55	56.00	-40.45	Neutral	9k	1	Pass	9.58
4.00775	1	24.26	56.00	-31.74	Neutral	9k	1	Pass	9.66
10.48375	1	27.55	60.00	-32.45	Neutral	9k	1	Pass	9.85
12.94825	1	26.27	60.00	-33.73	Neutral	9k	1	Pass	10.05
0.18375	2	47.04	64.39	-17.35	Phase 1	9k	1	Pass	9.54
0.52425	2	39.04	56.00	-16.96	Phase 1	9k	1	Pass	9.52
0.92025	2	28.77	56.00	-27.23	Phase 1	9k	1	Pass	9.53
3.87225	2	19.75	56.00	-36.25	Phase 1	9k	1	Pass	9.60
11.62375	2	21.76	60.00	-38.24	Phase 1	9k	1	Pass	9.83
14.0545	2	20.96	60.00	-39.04	Phase 1	9k	1	Pass	10.03