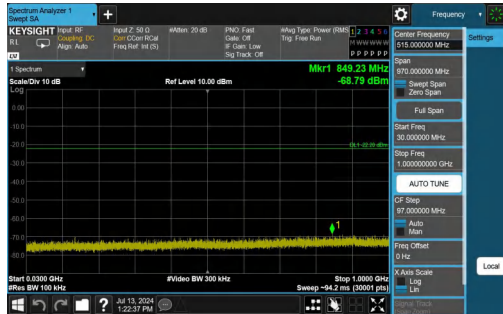


Test Graphs_Spurious Emission

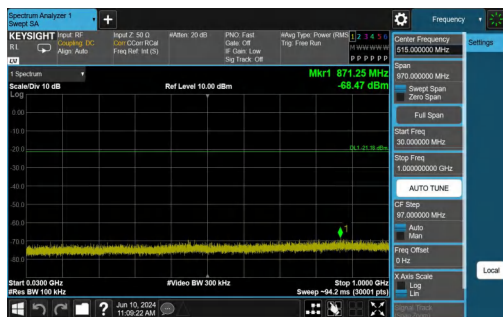
11B-Ant1-2412-30~1000-PASS



11B-Ant1-2412-1000~26500-PASS



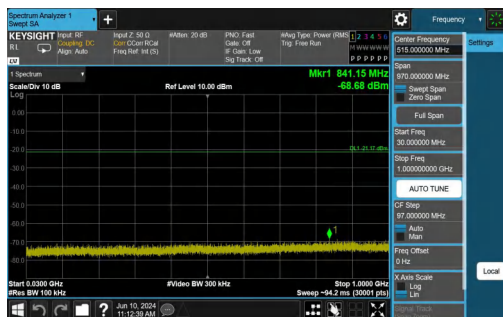
11B-Ant1-2437-30~1000-PASS



11B-Ant1-2437-1000~26500-PASS



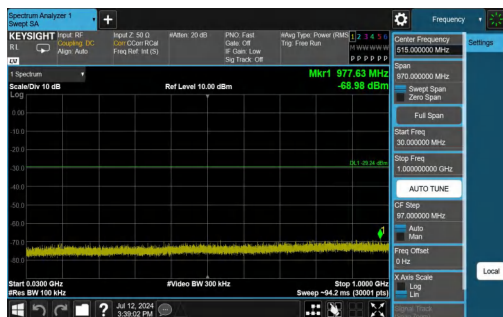
11B-Ant1-2462-30~1000-PASS



11B-Ant1-2462-1000~26500-PASS



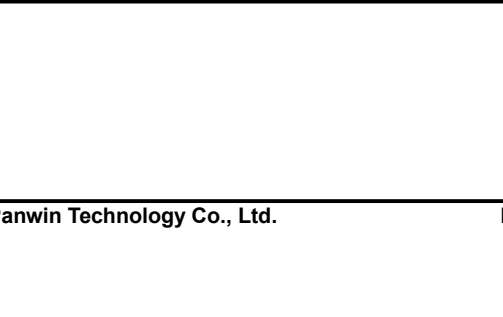
11G-Ant1-2412-30~1000-PASS



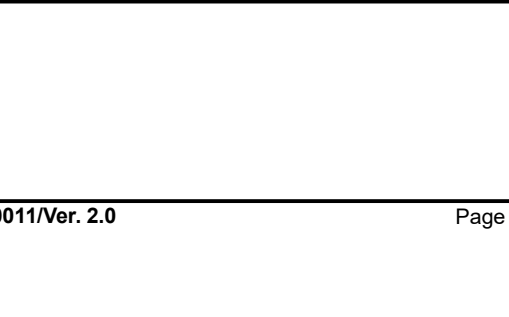
11G-Ant1-2412-1000~26500-PASS

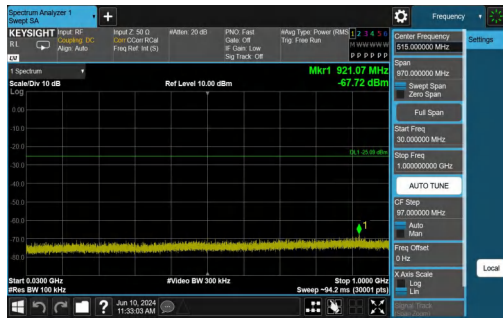


11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~26500-PASS

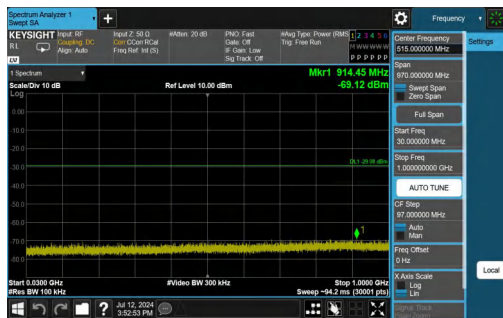




11G-Ant1-2462-30~1000-PASS

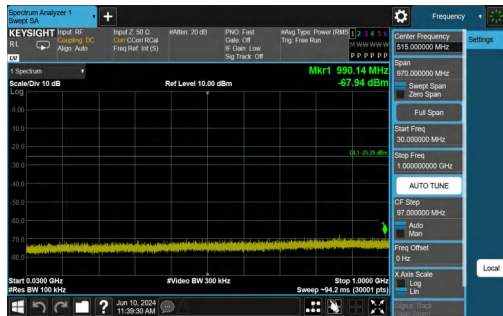


11G-Ant1-2462-1000~26500-PASS



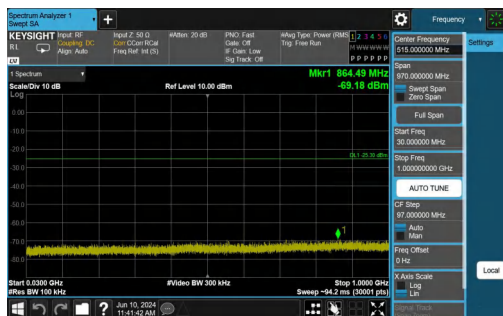
11N20SISO-Ant1-2412-30~1000-PASS

11N20SISO-Ant1-2412-1000~26500-PASS



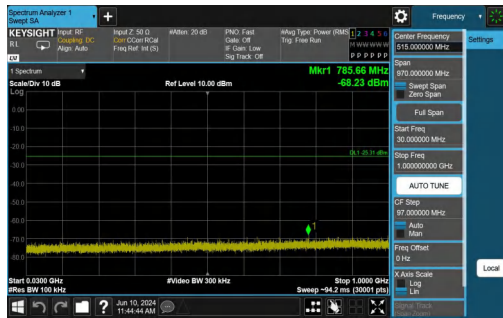
11N20SISO-Ant1-2437-30~1000-PASS

11N20SISO-Ant1-2437-1000~26500-PASS



11N20SISO-Ant1-2462-30~1000-PASS

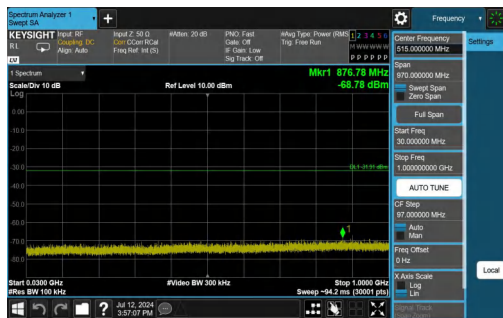
11N20SISO-Ant1-2462-1000~26500-PASS



11N40SISO-Ant1-2422-30~1000-PASS



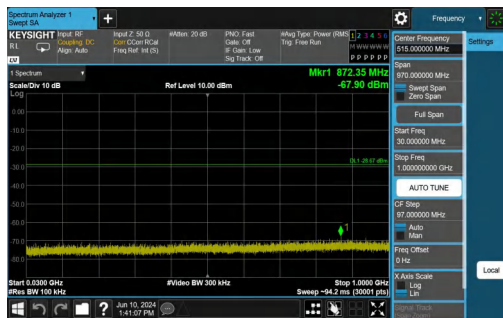
11N40SISO-Ant1-2422-1000~26500-PASS



11N40SISO-Ant1-2437-30~1000-PASS



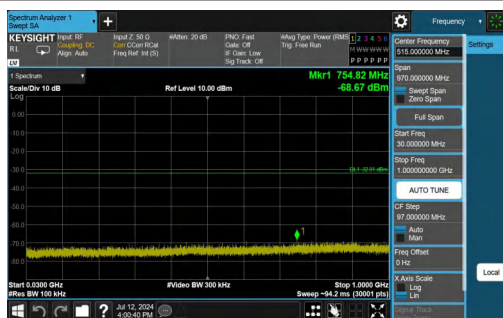
11N40SISO-Ant1-2437-1000~26500-PASS



11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~26500-PASS



11AX20SISO-Ant1-2412-30~1000-PASS



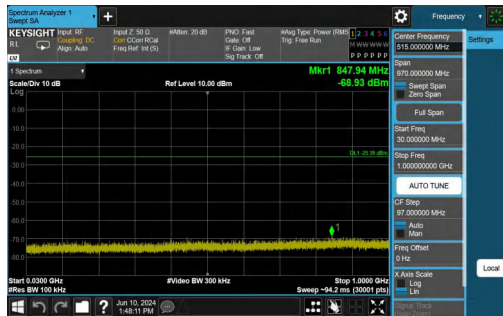
11AX20SISO-Ant1-2412-1000~26500-PASS



11AX20ISO-Ant1-2437-30~1000-PASS



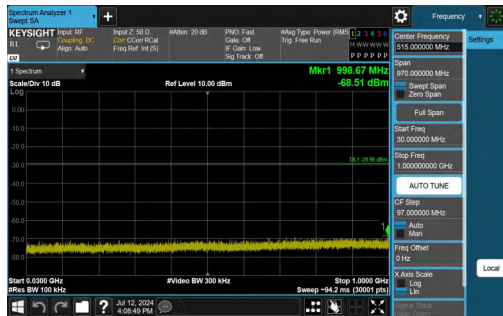
11AX20ISO-Ant1-2437-1000~26500-PASS



11AX20ISO-Ant1-2462-30~1000-PASS



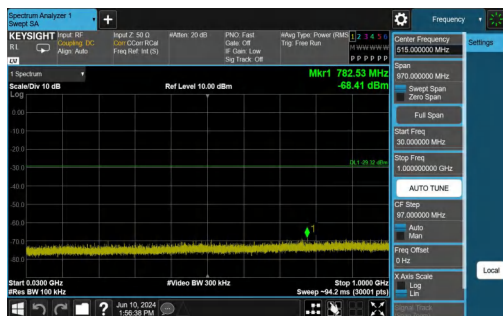
11AX20ISO-Ant1-2462-1000~26500-PASS



11AX40ISO-Ant1-2422-30~1000-PASS



11AX40ISO-Ant1-2422-1000~26500-PASS



11AX40ISO-Ant1-2437-30~1000-PASS



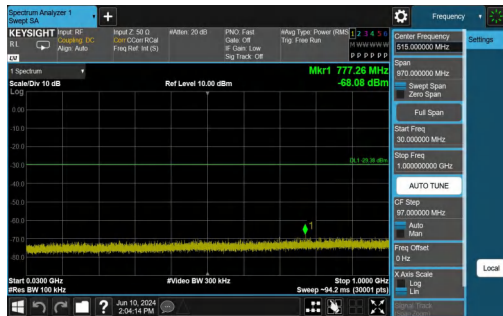
11AX40ISO-Ant1-2437-1000~26500-PASS



11AX40ISO-Ant1-2452-30~1000-PASS



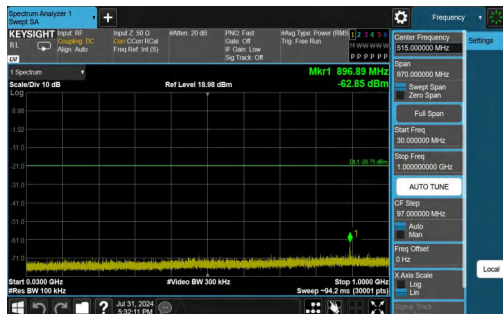
11AX40ISO-Ant1-2452-1000~26500-PASS



11AX20ISO-Ant1-2412-26Tone-RU0-30~1000-PASS



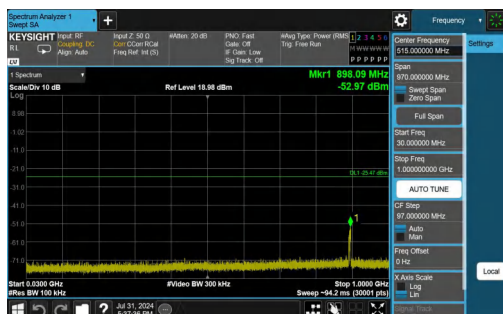
11AX20ISO-Ant1-2412-52Tone-RU37-30~1000-PASS



11AX20ISO-Ant1-2412-106Tone-RU53-30~1000-PASS



11AX20ISO-Ant1-2412-26Tone-RU0-1000~26500-PASS



11AX20ISO-Ant1-2412-52Tone-RU37-1000~26500-PASS



11AX20ISO-Ant1-2412-106Tone-RU53-1000~26500-PASS

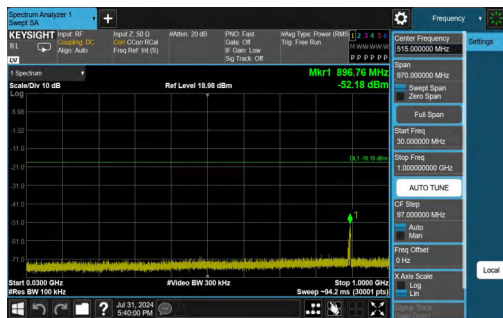
Test Graphs_Spurious Emission for AX Part RU



11AX20SISO-Ant1-2437-26Tone-RU4-30~1000-PASS



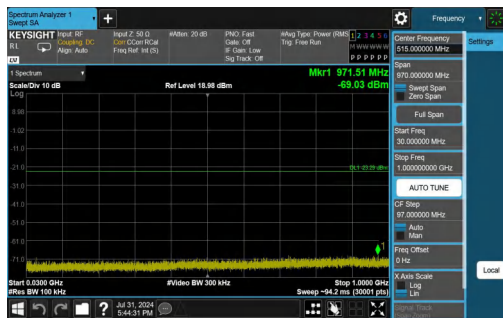
11AX20SISO-Ant1-2437-52Tone-RU39-30~1000-PASS



11AX20SISO-Ant1-2437-106Tone-RU53-30~1000-PASS



11AX20SISO-Ant1-2437-26Tone-RU4-1000~26500-PASS



11AX20SISO-Ant1-2437-52Tone-RU39-1000~26500-PASS



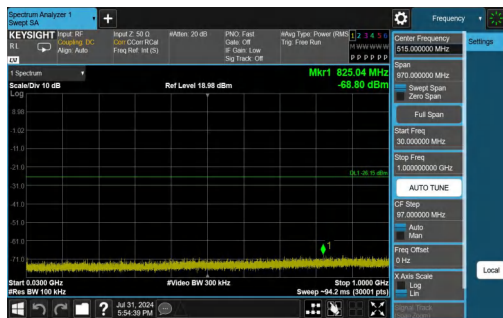
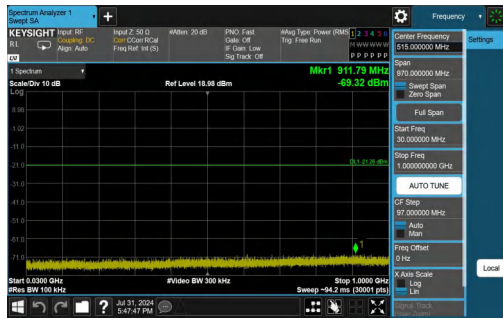
11AX20SISO-Ant1-2437-106Tone-RU53-1000~26500-PASS

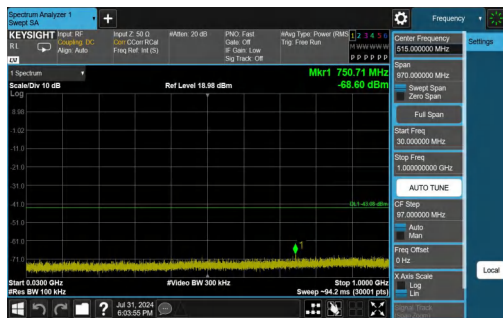
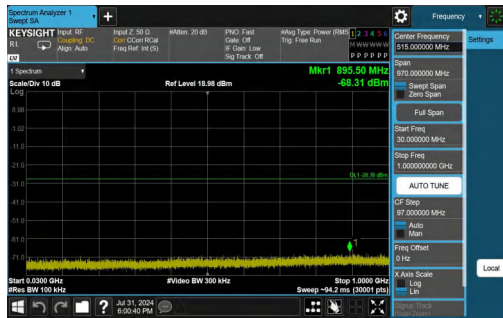


11AX20SISO-Ant1-2462-26Tone-RU8-30~1000-PASS



11AX20SISO-Ant1-2462-52Tone-RU40-30~1000-PASS





A.5 Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	20.00	20.00	100.00	0.00
11B	Ant1	2437	20.00	20.00	100.00	0.00
11B	Ant1	2462	20.00	20.00	100.00	0.00
11G	Ant1	2412	1.43	1.45	98.62	0.06
11G	Ant1	2437	1.43	1.45	98.62	0.06
11G	Ant1	2462	1.43	1.45	98.62	0.06
11N20SISO	Ant1	2412	1.34	1.36	98.53	0.06
11N20SISO	Ant1	2437	1.34	1.35	99.26	0.03
11N20SISO	Ant1	2462	1.34	1.35	99.26	0.03
11N40SISO	Ant1	2422	0.66	0.68	97.06	0.13
11N40SISO	Ant1	2437	0.66	0.67	98.51	0.07
11N40SISO	Ant1	2452	0.66	0.68	97.06	0.13
11AX20SISO	Ant1	2412	1.05	1.07	98.13	0.08
11AX20SISO	Ant1	2437	1.04	1.06	98.11	0.08
11AX20SISO	Ant1	2462	1.04	1.06	98.11	0.08
11AX40SISO	Ant1	2422	0.55	0.56	98.21	0.08
11AX40SISO	Ant1	2437	0.55	0.61	90.16	0.45
11AX40SISO	Ant1	2452	0.55	0.56	98.21	0.08

Test Result for AX Part RU

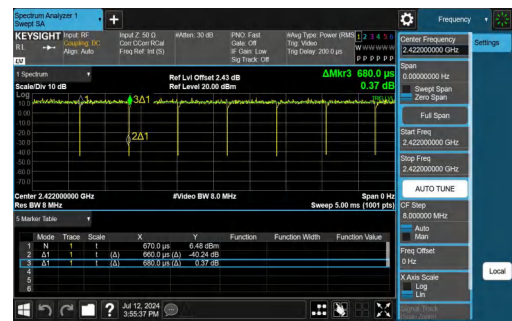
Test Mode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11AX20SISO	Ant1	2412	26Tone	RU0	1.35	1.42	95.07
11AX20SISO	Ant1	2412	52Tone	RU37	1.36	1.43	95.10
11AX20SISO	Ant1	2412	106Tone	RU53	1.35	1.42	95.07
11AX20SISO	Ant1	2437	26Tone	RU4	1.36	1.42	95.77
11AX20SISO	Ant1	2437	52Tone	RU39	1.36	1.43	95.10
11AX20SISO	Ant1	2437	106Tone	RU53	1.35	1.42	95.07
11AX20SISO	Ant1	2462	26Tone	RU8	1.36	1.42	95.77
11AX20SISO	Ant1	2462	52Tone	RU40	1.35	1.42	95.07
11AX20SISO	Ant1	2462	106Tone	RU54	1.36	1.42	95.77
11AX40SISO	Ant1	2422	242Tone	RU61	1.35	1.42	95.07
11AX40SISO	Ant1	2437	242Tone	RU61	1.35	1.42	95.07
11AX40SISO	Ant1	2452	242Tone	RU62	1.36	1.43	95.10

Test Graphs

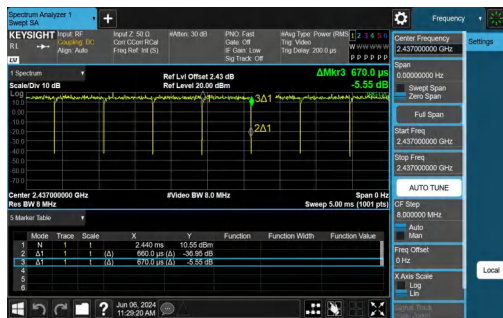
NTNV-11B-Ant1-2412	NTNV-11B-Ant1-2437
NTNV-11B-Ant1-2462	NTNV-11G-Ant1-2412
NTNV-11G-Ant1-2437	NTNV-11G-Ant1-2462
NTNV-11N20SISO-Ant1-2412	NTNV-11N20SISO-Ant1-2437
NTNV-11N20SISO-Ant1-2462	NTNV-11N40SISO-Ant1-2422



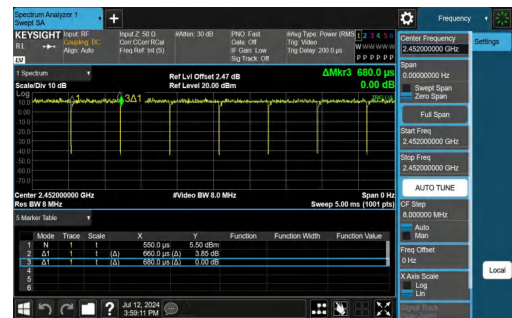
NTNV-11N40SISO-Ant1-2437



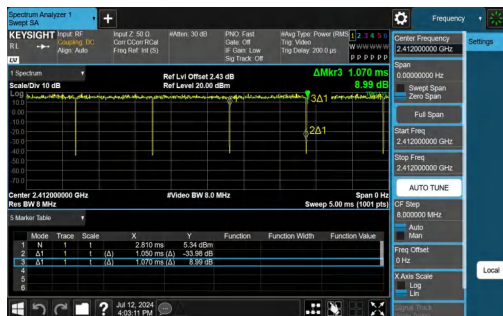
NTNV-11N40SISO-Ant1-2452



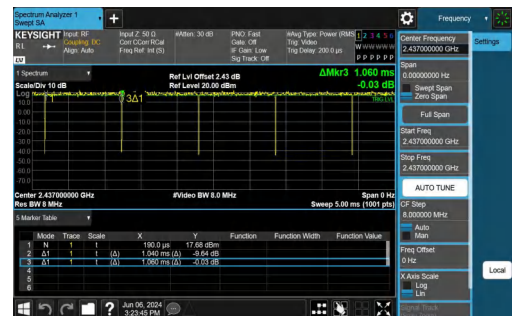
NTNV-11AX20SISO-Ant1-2412



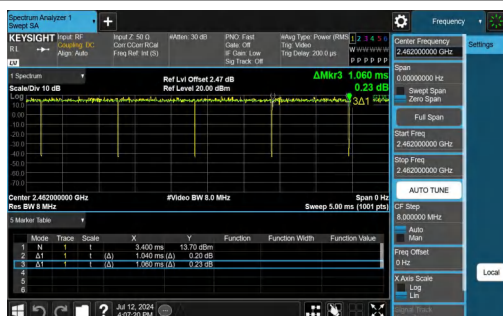
NTNV-11AX20SISO-Ant1-2437



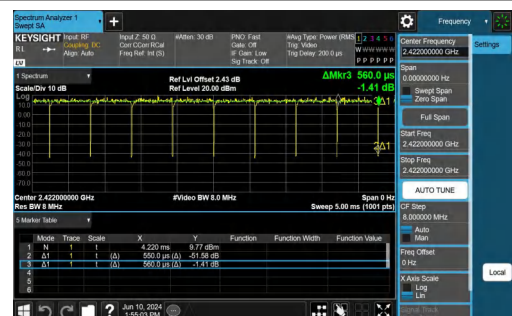
NTNV-11AX20SISO-Ant1-2462



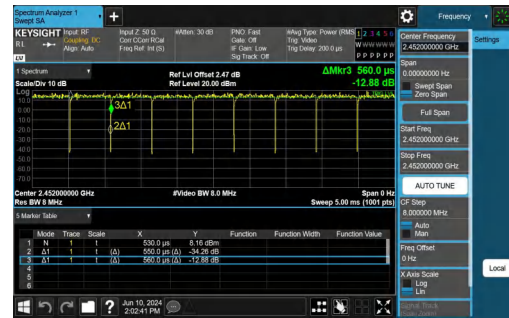
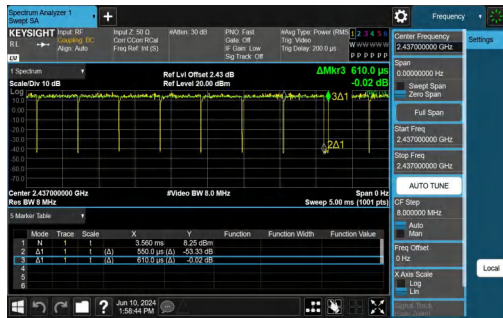
NTNV-11AX40SISO-Ant1-2422



NTNV-11AX40SISO-Ant1-2437

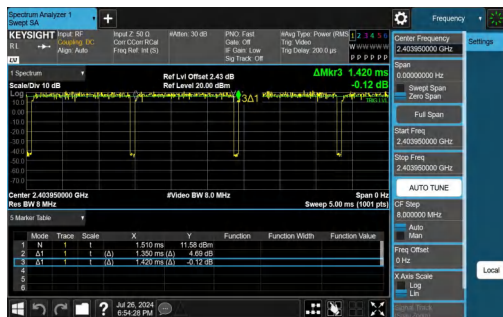


NTNV-11AX40SISO-Ant1-2452

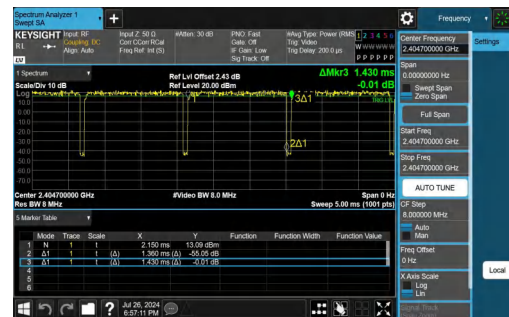


Test Graphs for AX Part RU

NTNV-11AX20SISO-Ant1-2412-26Tone-RU0



NTNV-11AX20SISO-Ant1-2412-52Tone-RU37



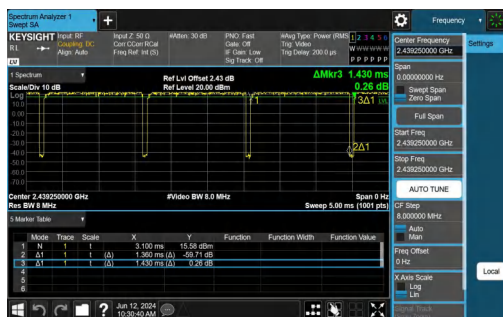
NTNV-11AX20SISO-Ant1-2412-106Tone-RU53



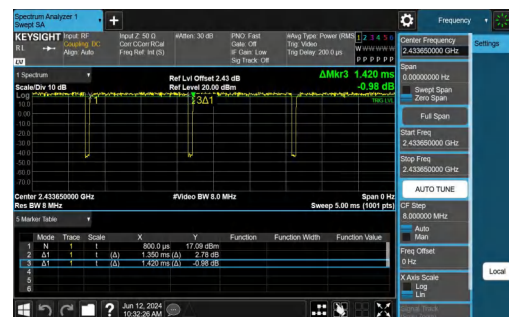
NTNV-11AX20SISO-Ant1-2437-26Tone-RU4



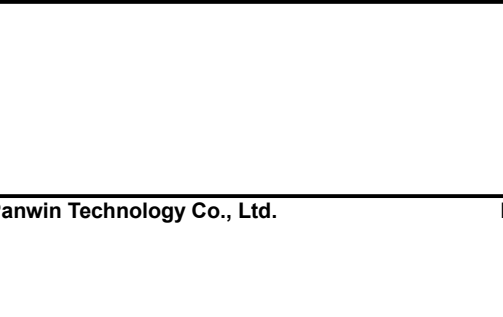
NTNV-11AX20SISO-Ant1-2437-52Tone-RU39



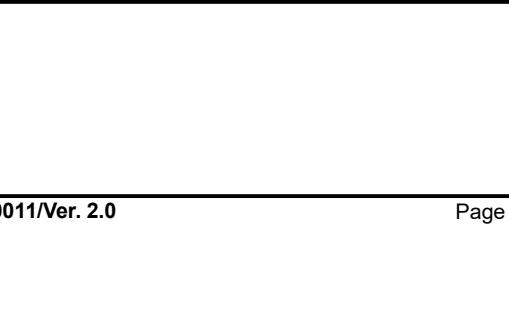
NTNV-11AX20SISO-Ant1-2437-106Tone-RU53

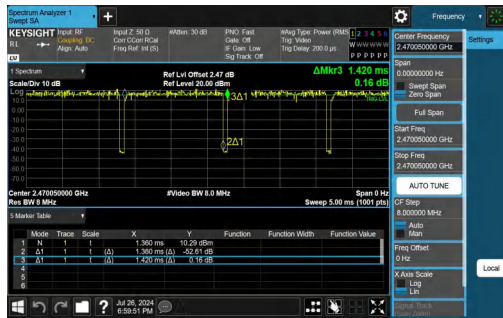


NTNV-11AX20SISO-Ant1-2462-26Tone-RU8

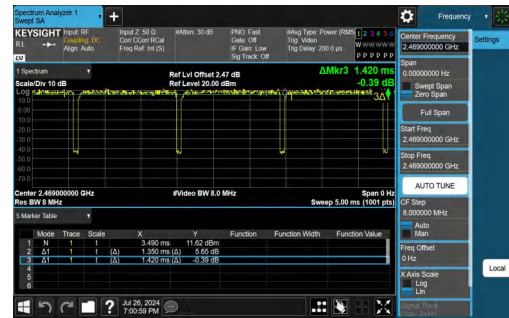


NTNV-11AX20SISO-Ant1-2462-52Tone-RU40

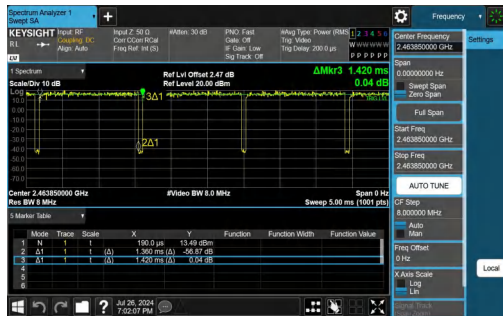




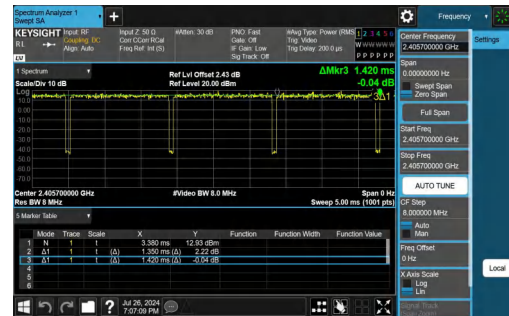
NTNV-11AX20SISO-Ant1-2462-106Tone-RU54



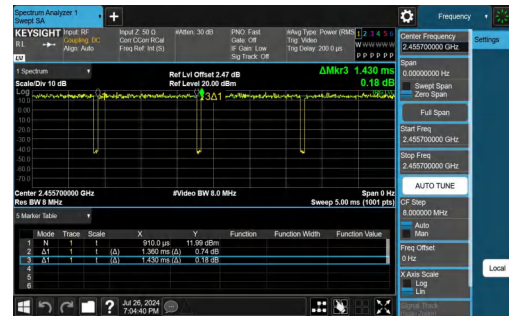
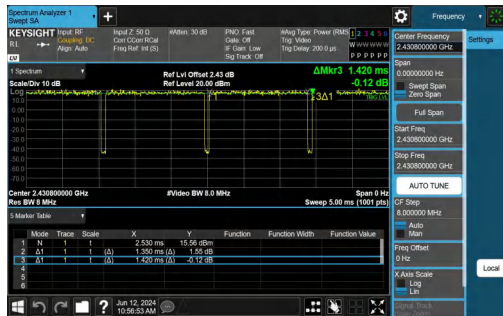
NTNV-11AX40SISO-Ant1-2422-242Tone-RU61



NTNV-11AX40SISO-Ant1-2437-242Tone-RU61



NTNV-11AX40SISO-Ant1-2452-242Tone-RU62



Appendix B – Test Results of Radiated Test

B.1 Radiated Band Edges and Spurious Emission

Test Result_Band Edges

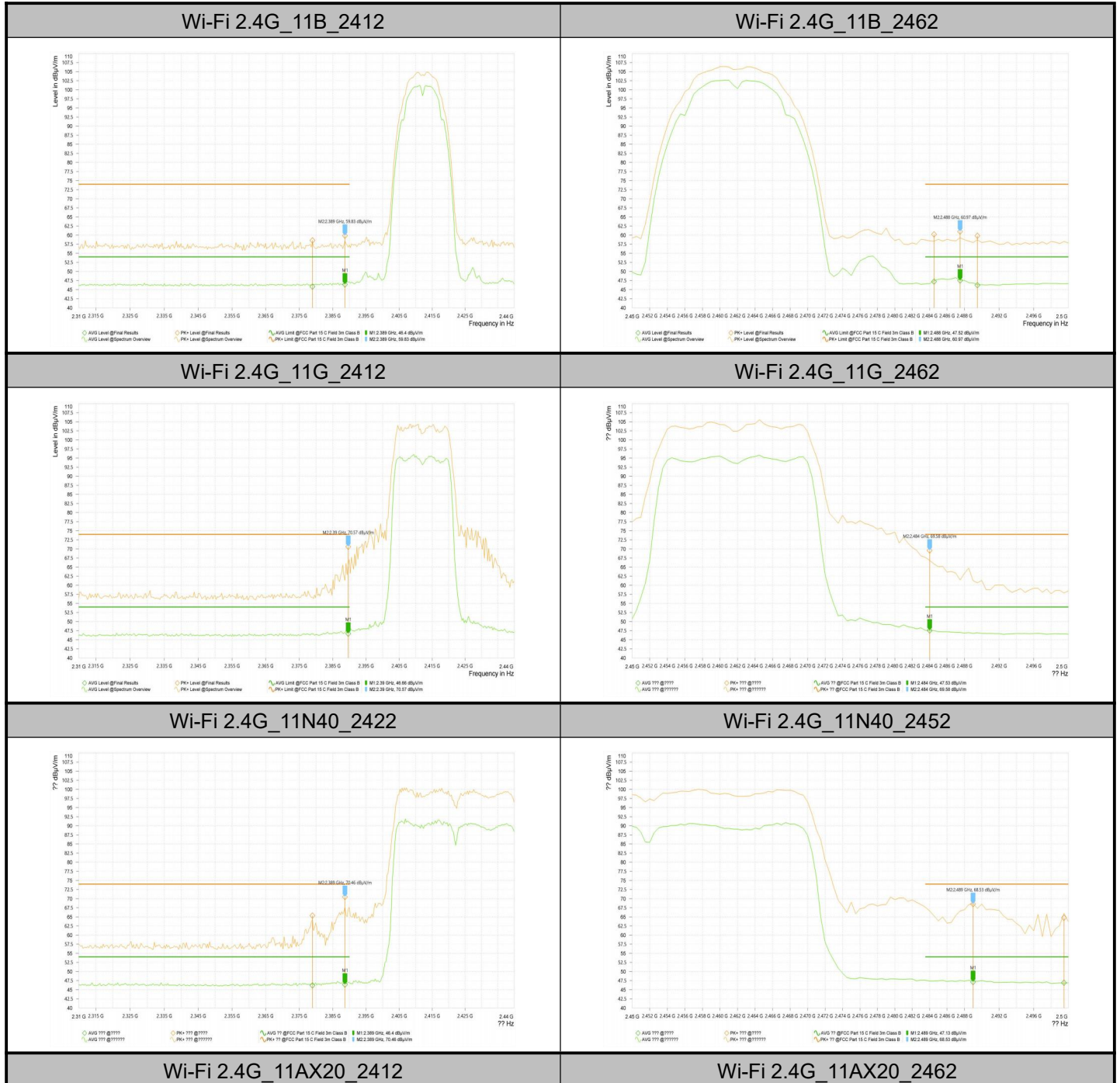
Test Mode & Test Freq.[MHz]	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 2.4G_11B_2412	2,378.900	58.54	74.00	15.46	45.85	54.00	8.15	H	32
	2,388.650	59.83	74.00	14.17	46.40	54.00	7.60	V	317.6
Wi-Fi 2.4G_11B_2462	2,484.500	60.19	74.00	13.81	47.22	54.00	6.78	V	5.6
	2,487.500	60.97	74.00	13.03	47.52	54.00	6.48	V	69
	2,489.500	59.82	74.00	14.18	46.22	54.00	7.78	H	155
Wi-Fi 2.4G_11G_2412	2,389.625	70.57	74.00	3.43	46.66	54.00	7.34	V	104.9
Wi-Fi 2.4G_11G_2462	2,484.000	69.58	74.00	4.42	47.53	54.00	6.47	V	143
Wi-Fi 2.4G_11N40_2422	2,378.900	65.35	74.00	8.65	46.20	54.00	7.80	V	144.3
	2,388.650	70.46	74.00	3.54	46.40	54.00	7.60	V	158.6
Wi-Fi 2.4G_11N40_2452	2,489.000	68.53	74.00	5.47	47.13	54.00	6.87	V	180.2
	2,499.500	64.75	74.00	9.25	46.91	54.00	7.09	V	340.4
Wi-Fi 2.4G_11AX20_2412	2,389.300	69.60	74.00	4.40	46.35	54.00	7.65	V	342.8
Wi-Fi 2.4G_11AX20_2462	2,485.000	69.25	74.00	4.75	46.86	54.00	7.14	V	1.5

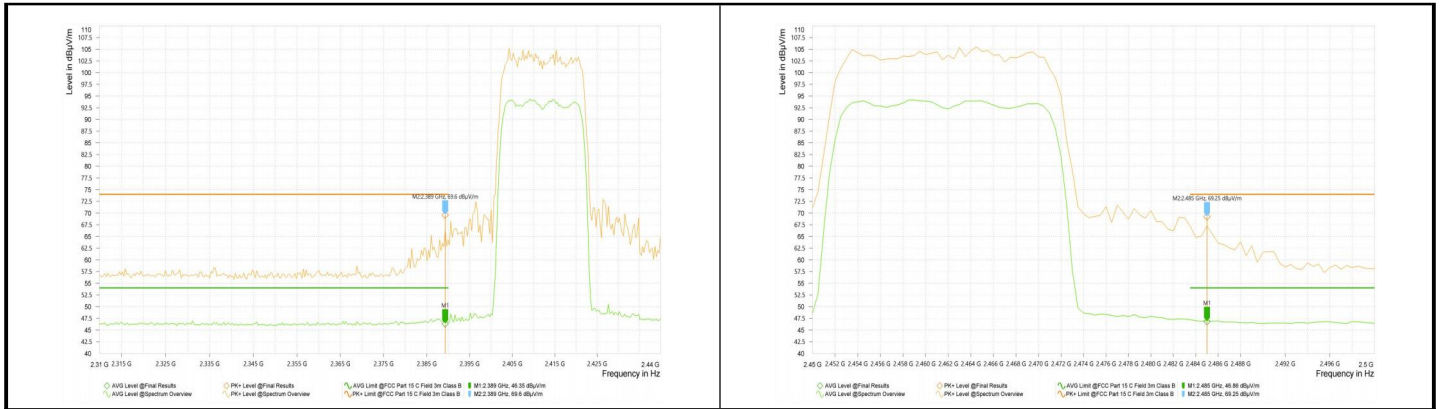
Test Result_Band Edges for AX Part RU

Test Mode & Test Freq.[MHz]	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 2.4G_11AX20_2412_106Tone_RU53	2,388.975	71.49	74.00	2.51	46.37	54.00	7.63	V	33.1
Wi-Fi 2.4G_11AX20_2412_26Tone_RU0	2,387.350	70.95	74.00	3.05	46.29	54.00	7.71	V	130
	2,388.975	70.55	74.00	3.45	46.25	54.00	7.75	V	341.6
Wi-Fi 2.4G_11AX20_2412_52Tone_RU37	2,389.300	70.83	74.00	3.17	46.36	54.00	7.64	V	0
Wi-Fi 2.4G_11AX20_2462_106Tone_RU54	2,484.000	71.34	74.00	2.66	46.74	54.00	7.26	V	116.8
Wi-Fi 2.4G_11AX20_2462_26Tone_RU8	2,486.000	71.21	74.00	2.79	46.54	54.00	7.46	V	118.1
Wi-Fi 2.4G_11AX20_2462_52Tone_RU40	2,484.500	71.53	74.00	2.47	46.49	54.00	7.51	V	304.5
Wi-Fi 2.4G_11AX40_2422_242Tone_RU61	2,388.975	71.24	74.00	2.76	46.39	54.00	7.61	V	55.8

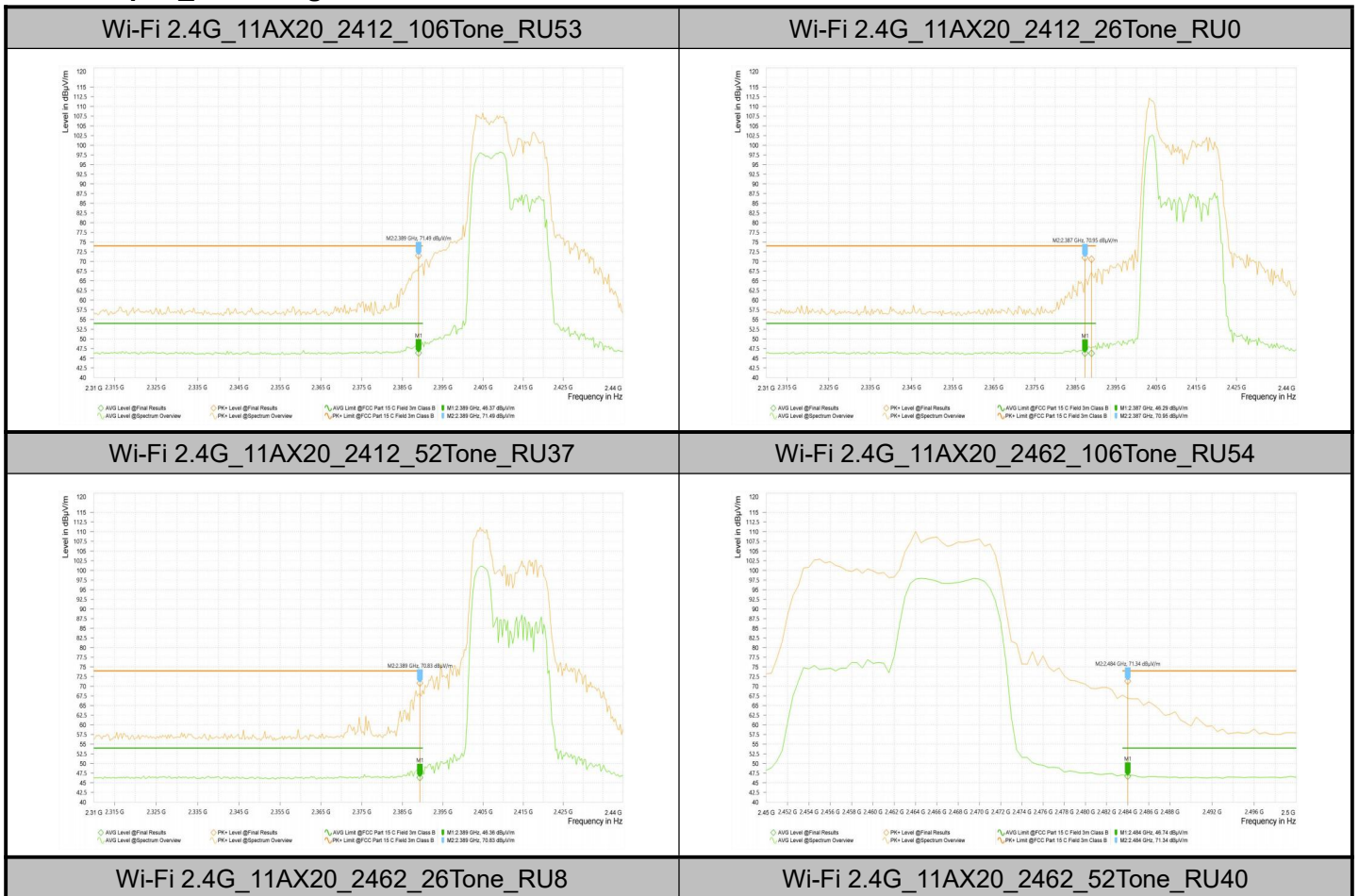
Wi-Fi 2.4G_11AX40_2452 _242Tone_RU62	2,484.000	71.22	74.00	2.78	47.30	54.00	6.70	V	34.3
---	-----------	-------	-------	------	-------	-------	------	---	------

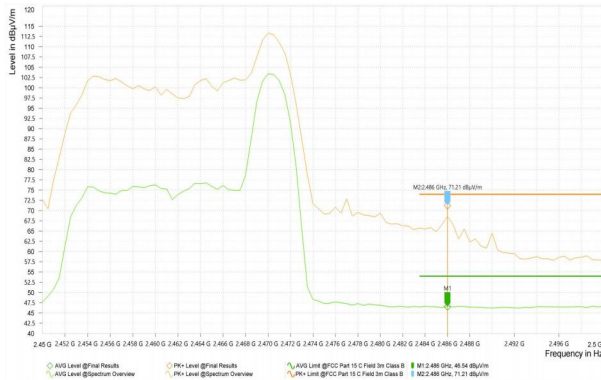
Test Graphs_Band Edges



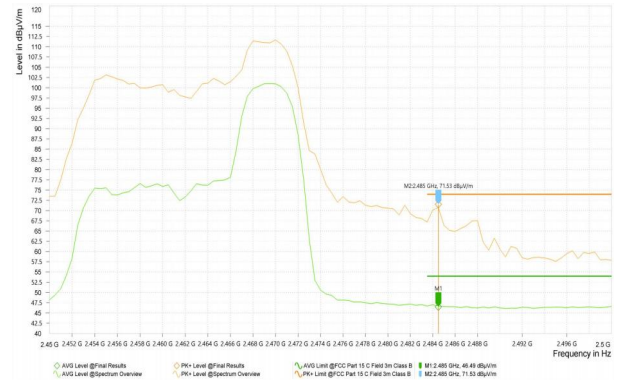


Test Graphs_Band Edges for AX Part RU





Wi-Fi 2.4G_11AX40_2422_242Tone_RU61



Wi-Fi 2.4G_11AX40_2452_242Tone_RU62



Test Result_Spurious Emission

Note1: Test result Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier the Emissions in the frequency band 9kHz-30MHz and above 18GHz are more than 20dB below the limit are not reported.

Note2: 'Low' indicates a frequency range below 1GHz, and 'High' indicates a frequency range above 1GHz.

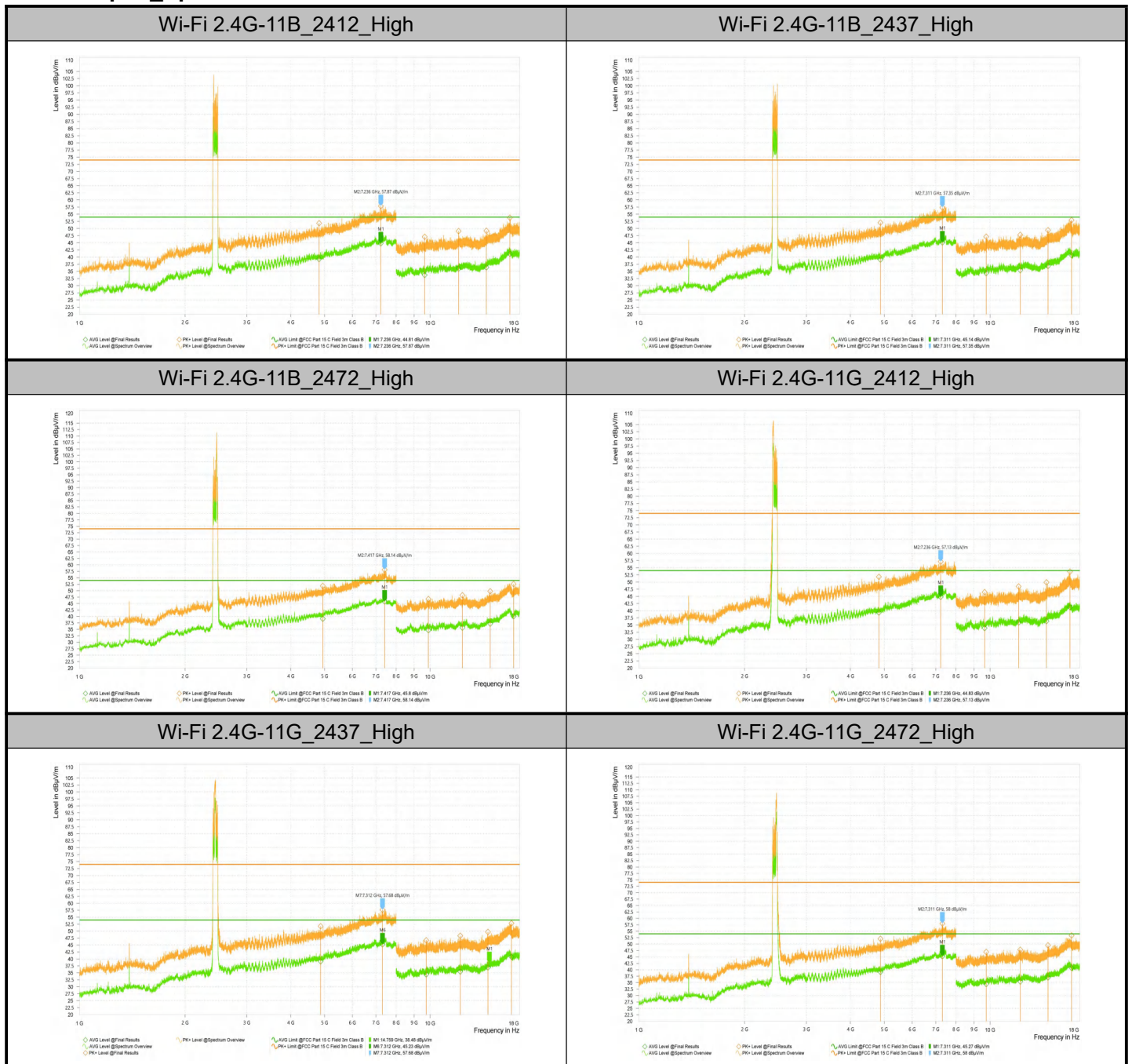
Test Mode & Test Freq.[MHz]	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 2.4G-11B_2412_High	4,824.000	51.86	74.00	22.14	39.31	54.00	14.69	H	357.7
	7,235.500	57.87	74.00	16.13	44.81	54.00	9.19	H	326.9
	9,647.500	47.11	74.00	26.89	33.74	54.00	20.26	H	276.6
	12,059.500	49.08	74.00	24.92	35.95	54.00	18.05	H	0
	14,472.500	49.19	74.00	24.81	36.40	54.00	17.60	H	0
	16,884.000	53.80	74.00	20.20	41.13	54.00	12.87	H	153.4
Wi-Fi 2.4G-11B_2437_High	4,874.000	52.04	74.00	21.96	39.11	54.00	14.89	V	0
	7,311.000	57.35	74.00	16.65	45.14	54.00	8.86	V	360
	9,748.500	47.12	74.00	26.88	34.39	54.00	19.61	H	74.9
	12,185.000	47.79	74.00	26.21	35.45	54.00	18.55	H	216.8
	14,622.500	49.39	74.00	24.61	36.89	54.00	17.11	V	0
	17,059.500	52.95	74.00	21.05	40.71	54.00	13.29	H	216.8
Wi-Fi 2.4G-11B_2472_High	4,944.000	51.84	74.00	22.16	39.12	54.00	14.88	H	215.4
	7,416.500	58.14	74.00	15.86	45.80	54.00	8.20	V	135.6
	9,887.500	46.78	74.00	27.22	34.66	54.00	19.34	H	121.4
	12,360.000	48.20	74.00	25.80	35.65	54.00	18.35	H	191.8
	14,833.000	49.74	74.00	24.26	37.18	54.00	16.82	H	95.1
	17,305.000	52.59	74.00	21.41	40.06	54.00	13.94	H	62.2
Wi-Fi 2.4G-11G_2412_High	4,823.500	51.81	74.00	22.19	39.34	54.00	14.66	H	360
	7,235.500	57.13	74.00	16.87	44.83	54.00	9.17	V	157.4
	9,647.500	46.46	74.00	27.54	33.94	54.00	20.06	H	0
	12,060.000	48.47	74.00	25.53	35.88	54.00	18.12	V	143
	14,473.000	49.91	74.00	24.09	36.37	54.00	17.63	H	145.5
	16,885.000	53.68	74.00	20.32	41.23	54.00	12.77	H	359.9
Wi-Fi 2.4G-11G_2437_High	4,873.500	51.75	74.00	22.25	39.16	54.00	14.84	V	38
	7,311.500	57.68	74.00	16.32	45.23	54.00	8.77	H	0.6
	9,747.500	46.69	74.00	27.31	34.45	54.00	19.55	H	216.9
	12,186.000	48.32	74.00	25.68	35.48	54.00	18.52	H	157.1
	14,622.500	49.70	74.00	24.30	36.93	54.00	17.07	V	360
	17,058.500	52.84	74.00	21.16	40.79	54.00	13.21	H	13.8
Wi-Fi 2.4G-11G_2472_High	4,874.500	52.05	74.00	21.95	39.13	54.00	14.87	V	360
	7,311.000	58.00	74.00	16.00	45.27	54.00	8.73	V	0

	9,748.500	46.95	74.00	27.05	34.46	54.00	19.54	V	360
	12,186.000	47.79	74.00	26.21	35.45	54.00	18.55	H	80.9
	14,622.000	49.52	74.00	24.48	37.01	54.00	16.99	H	360
	17,059.500	53.37	74.00	20.63	40.73	54.00	13.27	H	343.3
Wi-Fi 2.4G-11N40_2422_High	4,844.000	51.77	74.00	22.23	39.27	54.00	14.73	H	319.7
	7,266.000	57.68	74.00	16.32	45.00	54.00	9.00	V	0
	9,687.500	46.24	74.00	27.76	34.09	54.00	19.91	H	360
	12,110.000	48.51	74.00	25.49	36.28	54.00	17.72	H	360
	14,532.000	49.30	74.00	24.70	36.84	54.00	17.16	H	14.5
	16,953.500	53.07	74.00	20.93	40.71	54.00	13.29	H	78.6
Wi-Fi 2.4G-11N40_2437_High	4,873.500	52.24	74.00	21.76	39.28	54.00	14.72	H	250.3
	7,310.500	57.70	74.00	16.30	45.25	54.00	8.75	H	29.5
	9,748.500	47.08	74.00	26.92	34.46	54.00	19.54	H	155.8
	12,185.500	48.23	74.00	25.77	35.61	54.00	18.39	V	281.4
	14,623.000	49.61	74.00	24.39	36.96	54.00	17.04	V	360
	17,060.000	53.57	74.00	20.43	40.57	54.00	13.43	H	343.2
Wi-Fi 2.4G-11N40_2452_High	4,904.000	51.58	74.00	22.42	39.66	54.00	14.34	H	0
	7,355.500	57.99	74.00	16.01	45.38	54.00	8.62	V	105.8
	9,809.000	47.70	74.00	26.30	34.91	54.00	19.09	H	0
	12,259.500	48.77	74.00	25.23	35.71	54.00	18.29	H	77.4
	14,712.000	49.86	74.00	24.14	37.20	54.00	16.80	V	0
	17,165.000	52.51	74.00	21.49	39.82	54.00	14.18	V	360
Wi-Fi 2.4G-11AX20_2412_High	4,824.000	51.86	74.00	22.14	39.30	54.00	14.70	H	40.3
	7,235.500	57.26	74.00	16.75	44.99	54.00	9.01	H	103.4
	9,648.500	46.30	74.00	27.70	34.05	54.00	19.95	H	144.3
	12,059.500	48.36	74.00	25.64	35.99	54.00	18.01	H	76.2
	14,471.500	49.47	74.00	24.53	36.41	54.00	17.59	H	344.9
	16,884.000	54.04	74.00	19.96	41.27	54.00	12.73	H	0
Wi-Fi 2.4G-11AX20_2437_High	4,873.500	51.85	74.00	22.15	39.21	54.00	14.79	H	54.4
	7,310.500	58.06	74.00	15.94	45.45	54.00	8.55	H	359.6
	9,747.500	47.11	74.00	26.89	34.37	54.00	19.63	H	0
	12,185.500	47.66	74.00	26.34	35.50	54.00	18.50	H	78.6
	14,621.500	49.54	74.00	24.46	36.98	54.00	17.02	H	347
	17,059.500	53.32	74.00	20.68	40.70	54.00	13.30	H	203
Wi-Fi 2.4G-11AX20_2472_High	4,944.000	51.63	74.00	22.37	39.12	54.00	14.88	H	155.8
	7,415.500	58.61	74.00	15.39	45.86	54.00	8.14	H	250.6
	9,887.500	47.76	74.00	26.24	34.74	54.00	19.26	H	0
	12,359.500	48.47	74.00	25.53	35.73	54.00	18.27	H	320.7
	14,832.000	50.16	74.00	23.84	37.47	54.00	16.53	H	252.6

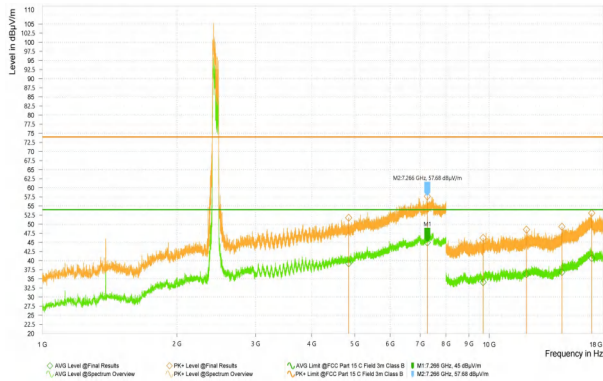
	17,304.000	52.43	74.00	21.57	40.00	54.00	14.00	V	21.4
--	------------	-------	-------	-------	-------	-------	-------	---	------

Test Mode & Test Freq.[MHz]	Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 2.4G-11B_2412_Low	197.972	34.83	43.50	8.67	H	77.4
	594.001	37.92	46.00	8.08	V	358.8

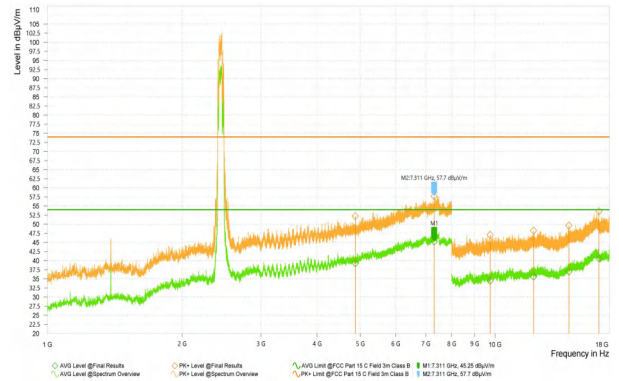
Test Graphs_Spurious Emission



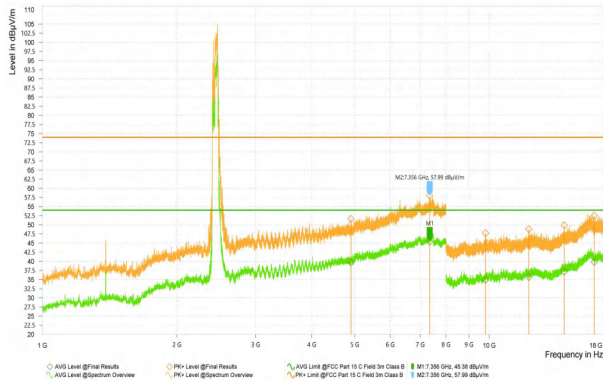
Wi-Fi 2.4G-11N40_2422_High



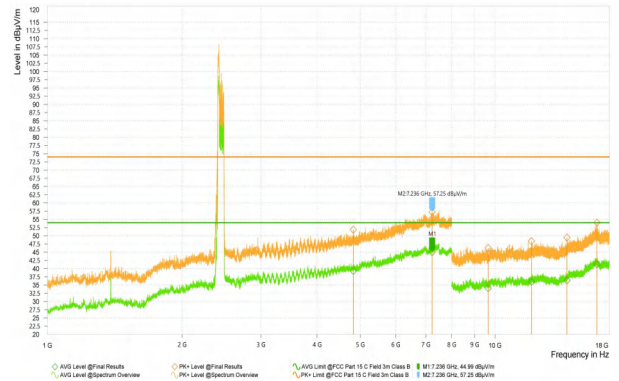
Wi-Fi 2.4G-11N40_2437_High



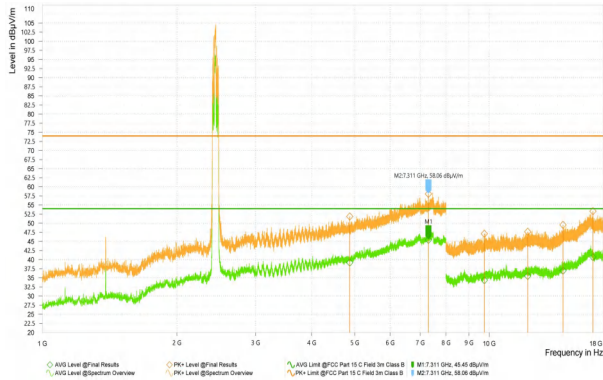
Wi-Fi 2.4G-11N40_2452_High



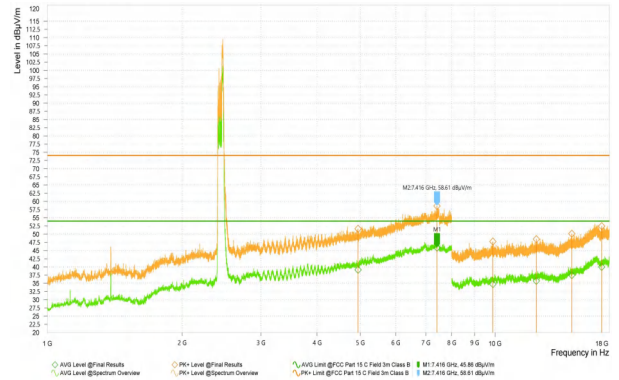
Wi-Fi 2.4G-11AX20_2412_High

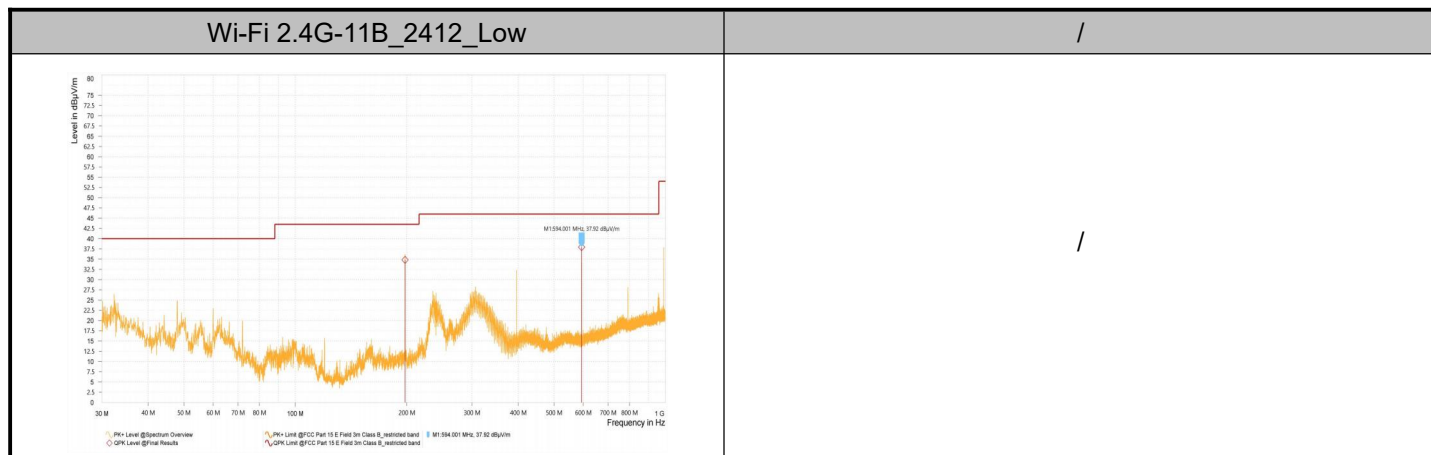


Wi-Fi 2.4G-11AX20_2437_High



Wi-Fi 2.4G-11AX20_2472_High





Appendix C – The EUT Appearance

Refer to “Attachment A.1: External Photograph” and “ Attachment A.2: Internal Photograph” file.

Appendix D – Test Setup Photograph

Refer to “Attachment A.5: RF Test Setup Photograph” file.

*****End of the Report*****