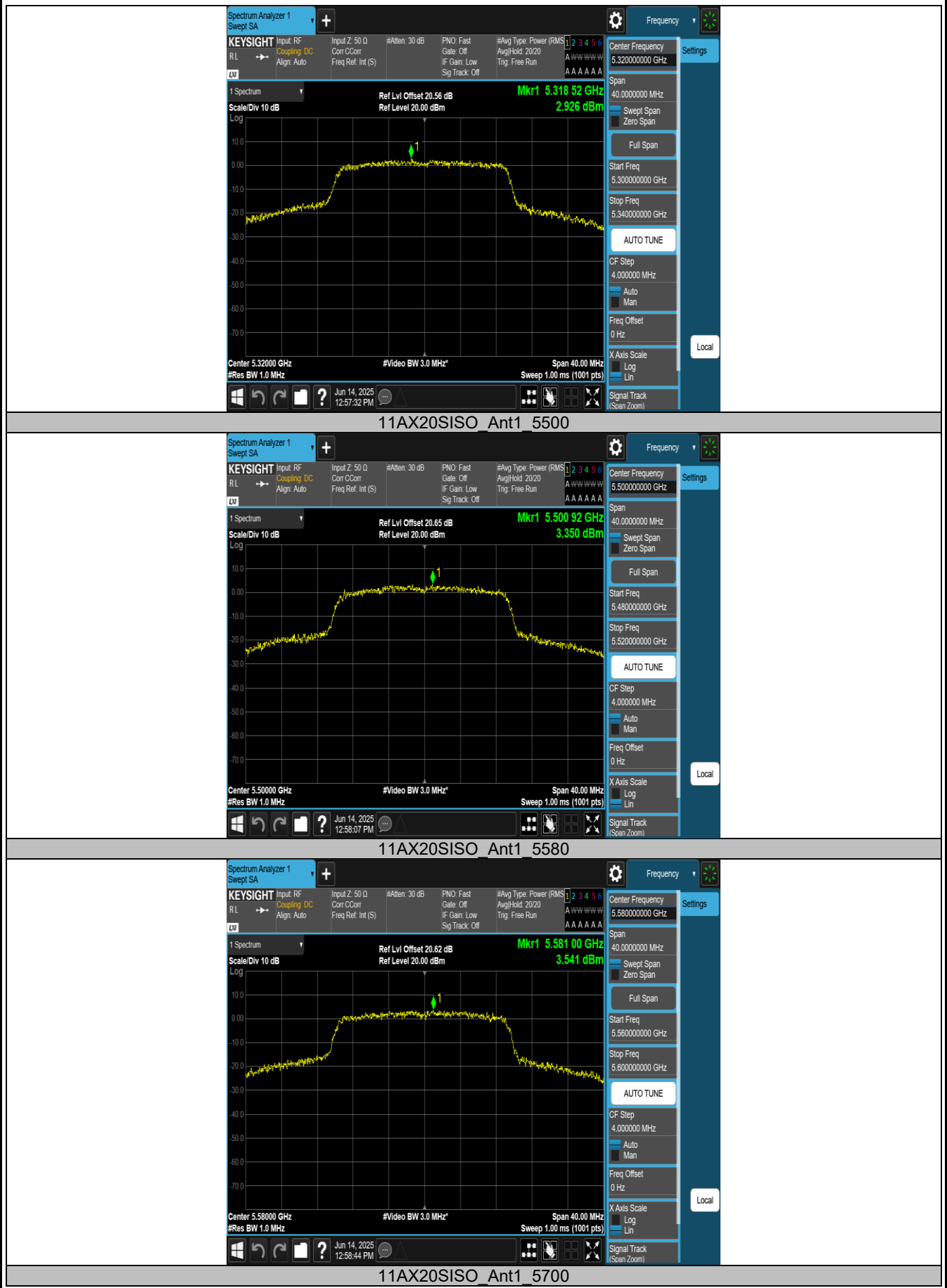
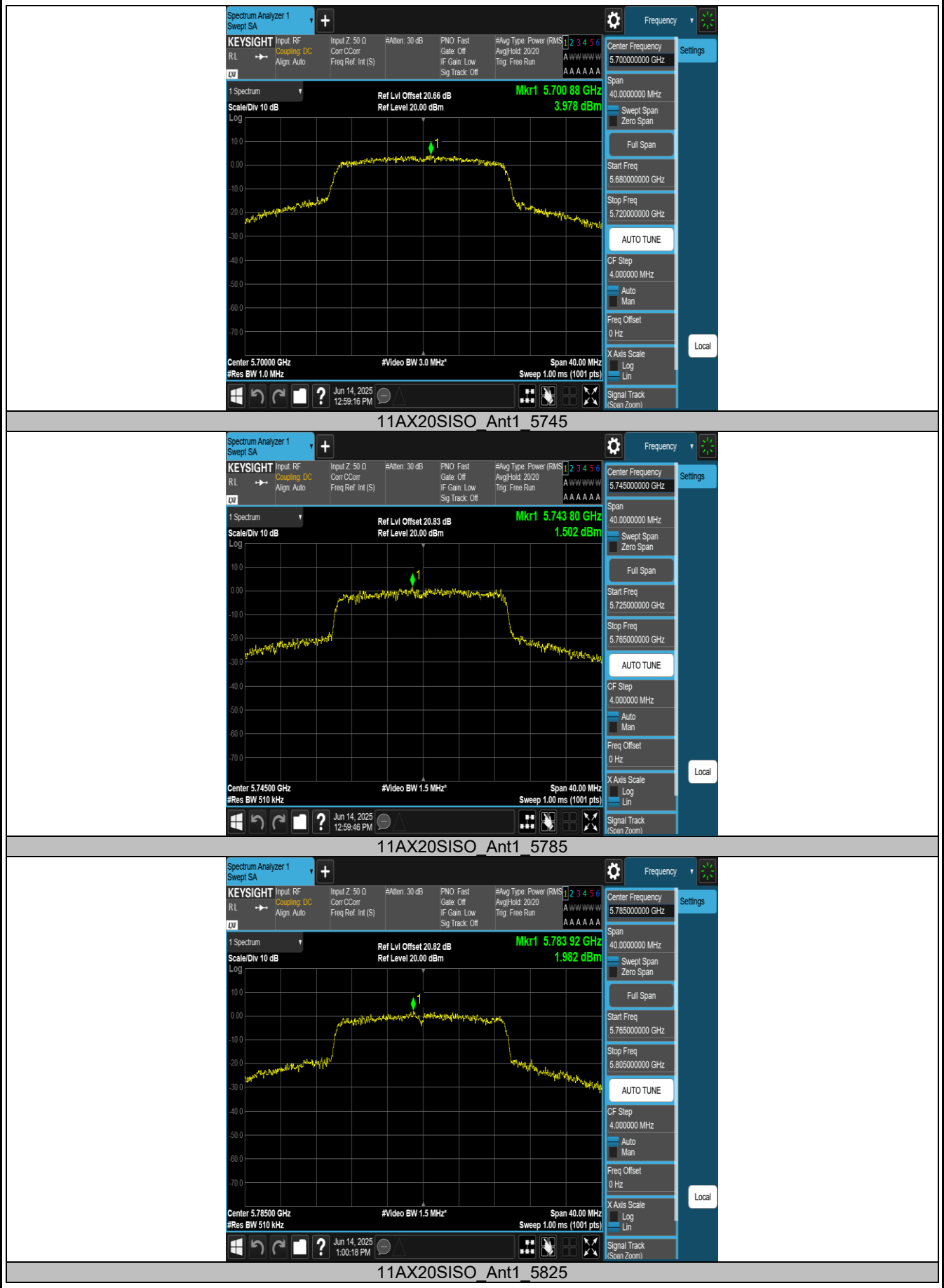
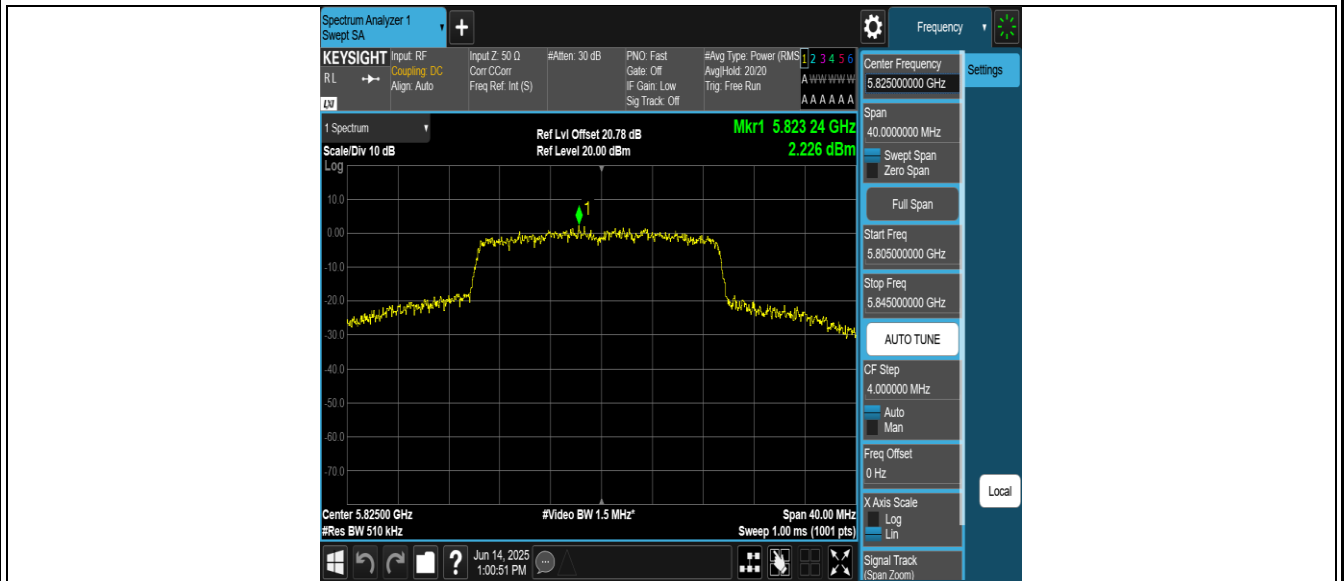






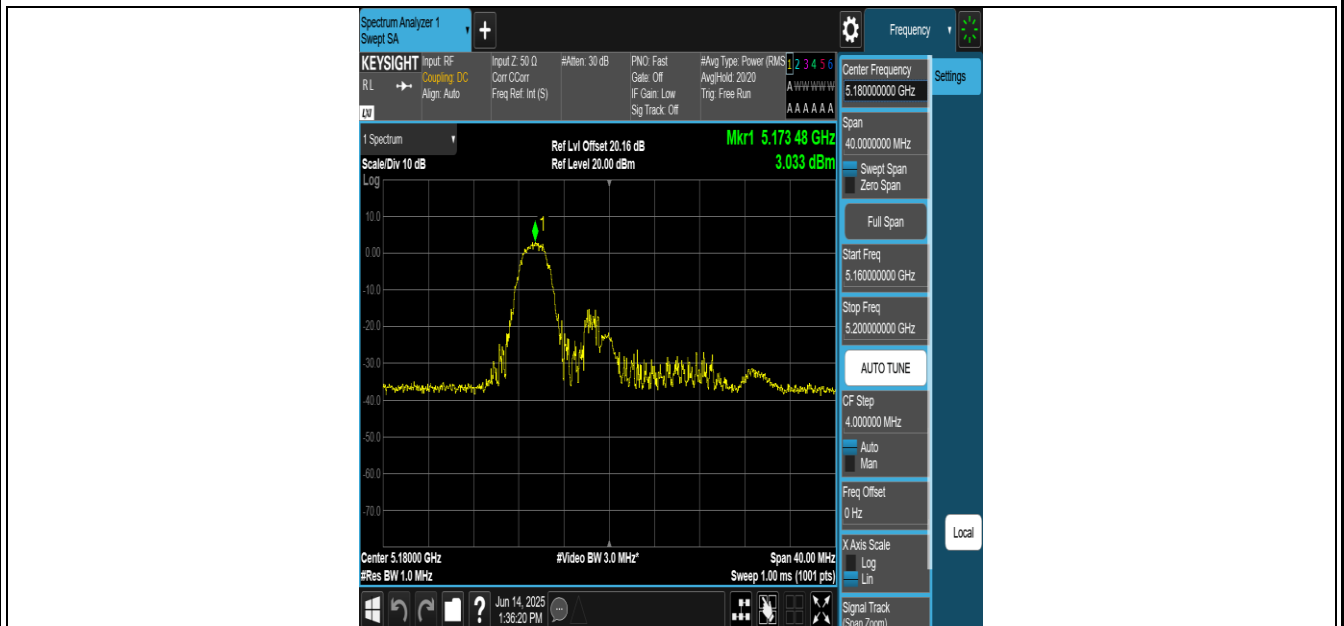




Test Result, RU

TestMode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20SISO	Ant1	5180	26Tone	RU0	3.03	≤11.00	PASS
11AX20SISO	Ant1	5180	106Tone	RU54	2.31	≤11.00	PASS
11AX20SISO	Ant1	5200	26Tone	RU0	3.04	≤11.00	PASS
11AX20SISO	Ant1	5200	106Tone	RU54	2.62	≤11.00	PASS
11AX20SISO	Ant1	5240	26Tone	RU0	3.09	≤11.00	PASS
11AX20SISO	Ant1	5240	106Tone	RU54	2.12	≤11.00	PASS
11AX20SISO	Ant1	5260	26Tone	RU0	2.16	≤11.00	PASS
11AX20SISO	Ant1	5260	106Tone	RU54	1.96	≤11.00	PASS
11AX20SISO	Ant1	5280	26Tone	RU0	2.12	≤11.00	PASS
11AX20SISO	Ant1	5280	106Tone	RU54	1.90	≤11.00	PASS
11AX20SISO	Ant1	5320	26Tone	RU0	1.83	≤11.00	PASS
11AX20SISO	Ant1	5320	106Tone	RU54	1.42	≤11.00	PASS
11AX20SISO	Ant1	5500	26Tone	RU0	2.19	≤11.00	PASS
11AX20SISO	Ant1	5500	106Tone	RU54	1.83	≤11.00	PASS
11AX20SISO	Ant1	5580	26Tone	RU0	2.51	≤11.00	PASS
11AX20SISO	Ant1	5580	106Tone	RU54	2.30	≤11.00	PASS
11AX20SISO	Ant1	5700	26Tone	RU0	2.93	≤11.00	PASS
11AX20SISO	Ant1	5700	106Tone	RU54	3.35	≤11.00	PASS
TestMode	Antenna	Frequency [MHz]	Ru Size	Ru Index	Result [dBm/500KHz]	Limit [dBm/500kHz]	Verdict
11AX20SISO	Ant1	5745	26Tone	RU0	1.36	≤30.00	PASS
11AX20SISO	Ant1	5745	106Tone	RU54	-0.41	≤30.00	PASS
11AX20SISO	Ant1	5785	26Tone	RU0	1.22	≤30.00	PASS
11AX20SISO	Ant1	5785	106Tone	RU54	0.10	≤30.00	PASS
11AX20SISO	Ant1	5825	26Tone	RU0	0.66	≤30.00	PASS
11AX20SISO	Ant1	5825	106Tone	RU54	0.42	≤30.00	PASS

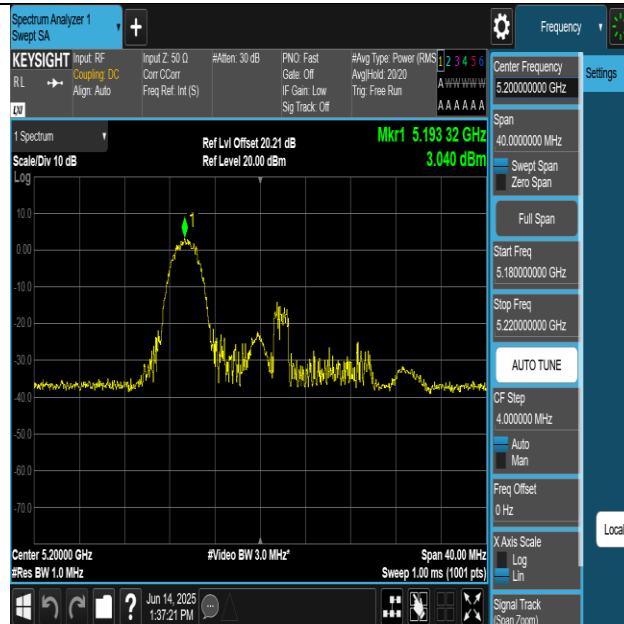
Test Graphs, RU



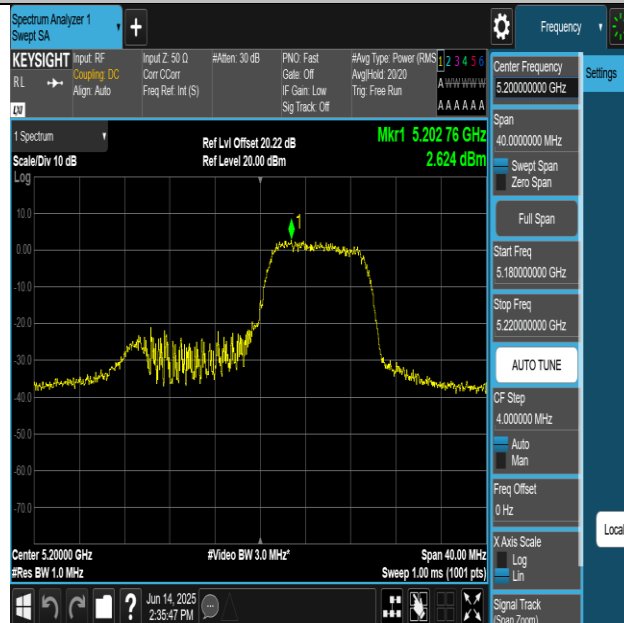
11AX20SISO-Ant1-5180-26Tone-RU0-PASS



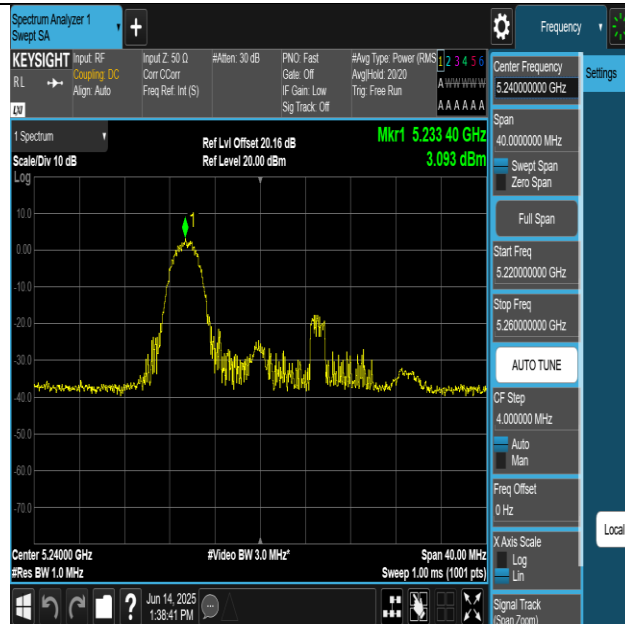
11AX20SISO-Ant1-5180-106Tone-RU54-PASS



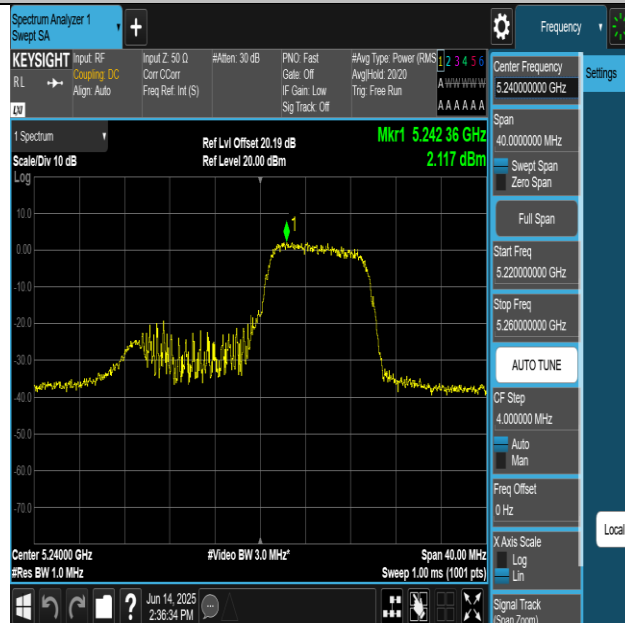
11AX20SISO-Ant1-5200-26Tone-RU0-PASS



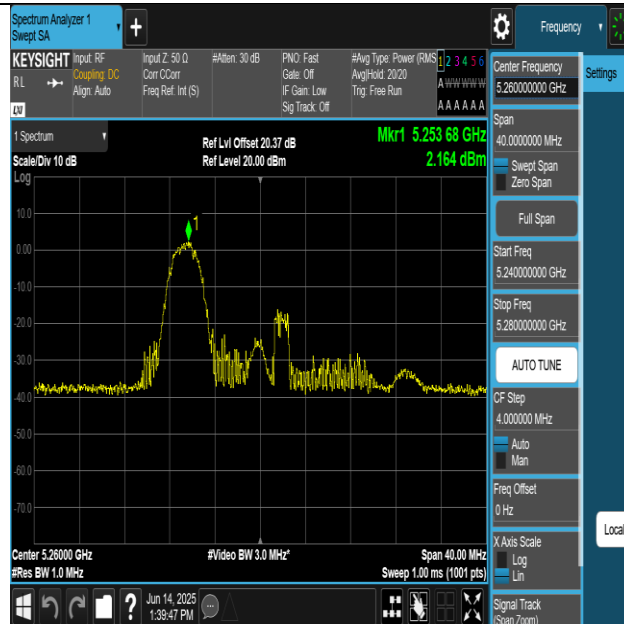
11AX20SISO-Ant1-5200-106Tone-RU54-PASS



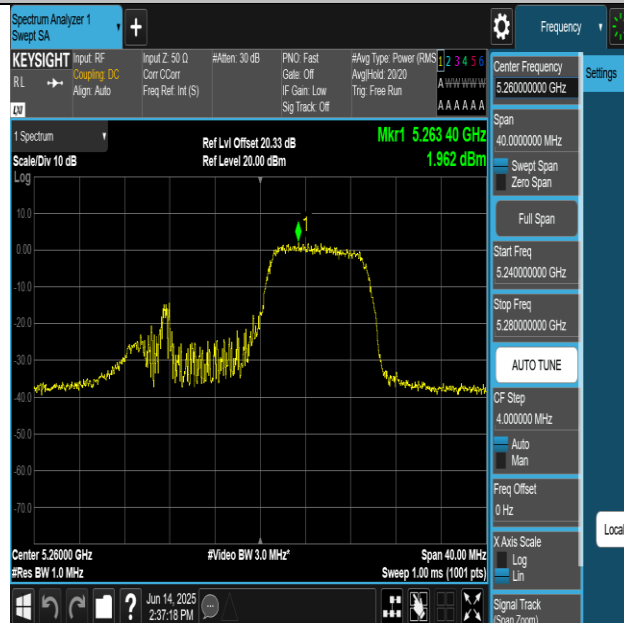
11AX20SISO-Ant1-5240-26Tone-RU0-PASS



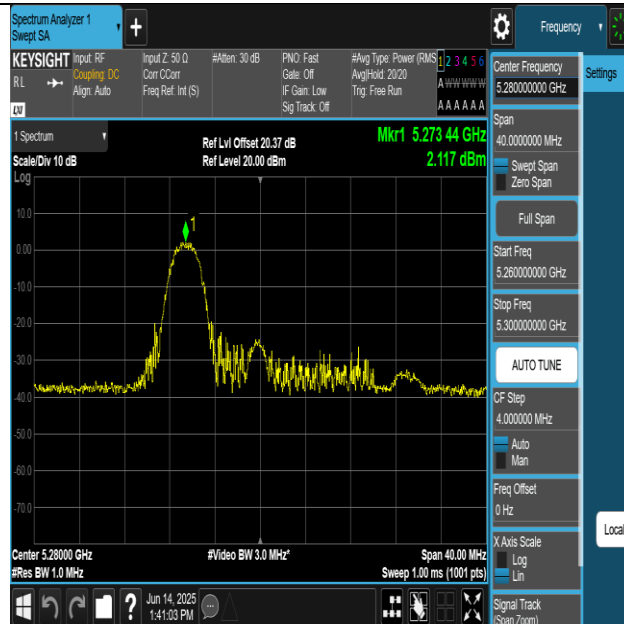
11AX20SISO-Ant1-5240-106Tone-RU54-PASS



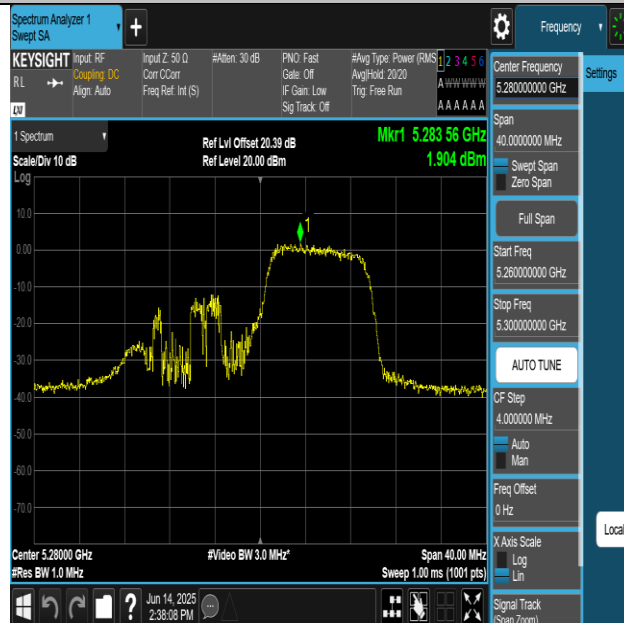
11AX20SISO-Ant1-5260-26Tone-RU0-PASS



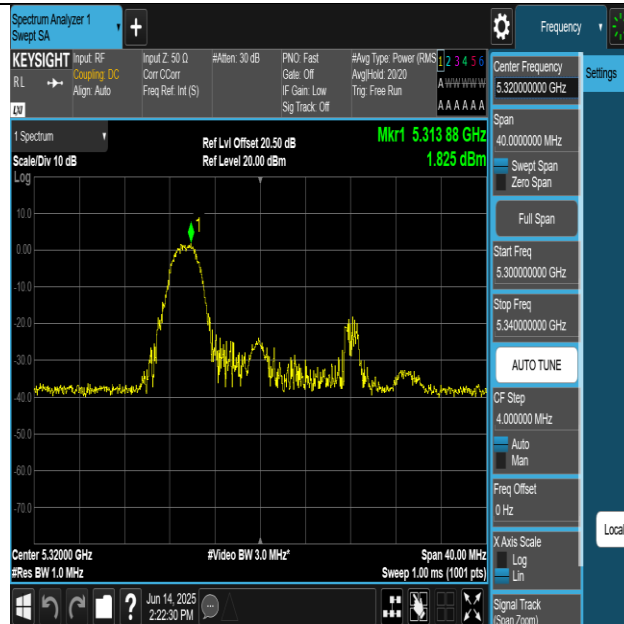
11AX20SISO-Ant1-5260-106Tone-RU54-PASS



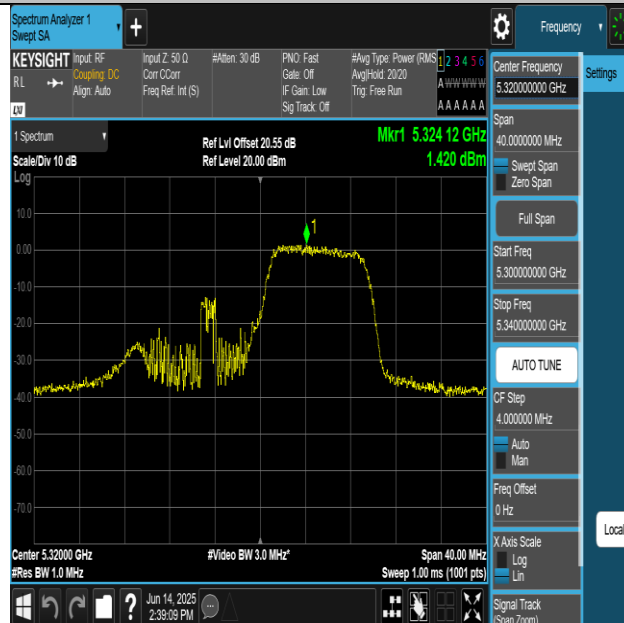
11AX20SISO-Ant1-5280-26Tone-RU0-PASS



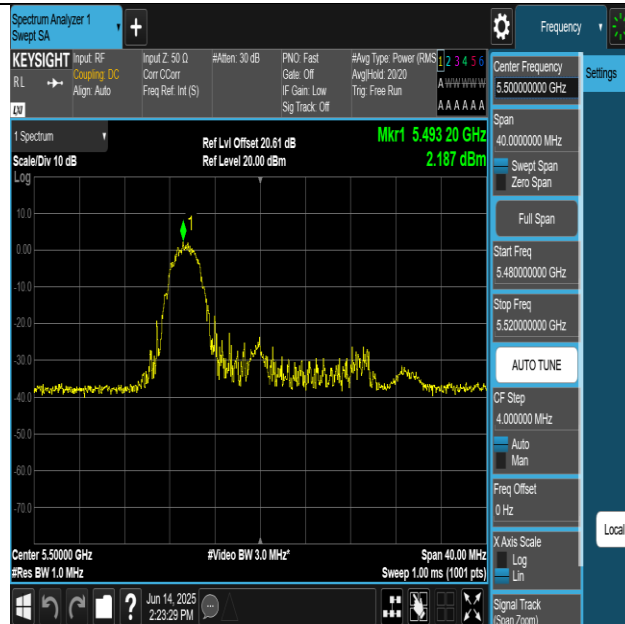
11AX20SISO-Ant1-5280-106Tone-RU54-PASS



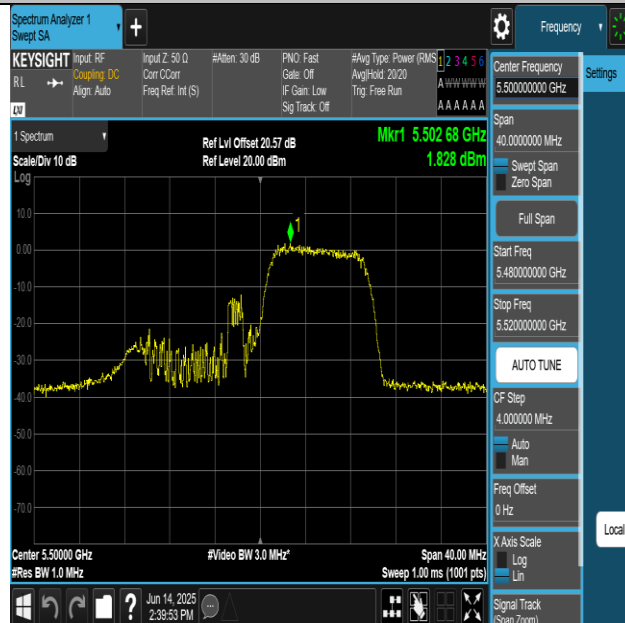
11AX20SISO-Ant1-5320-26Tone-RU0-PASS



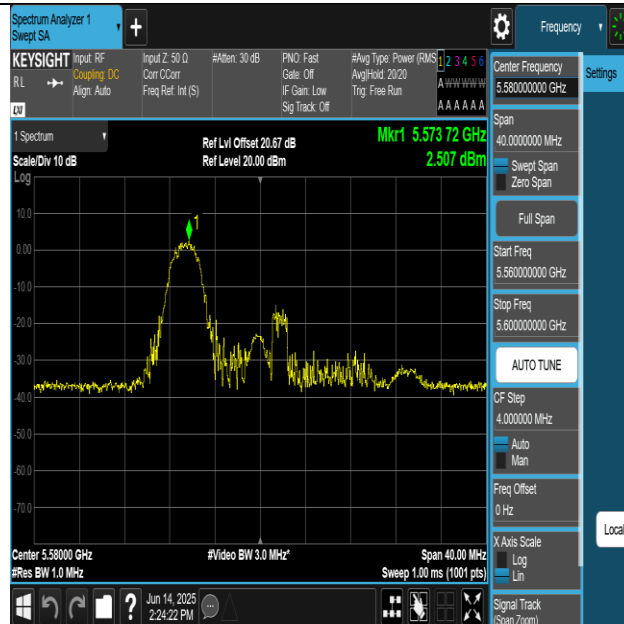
11AX20SISO-Ant1-5320-106Tone-RU54-PASS



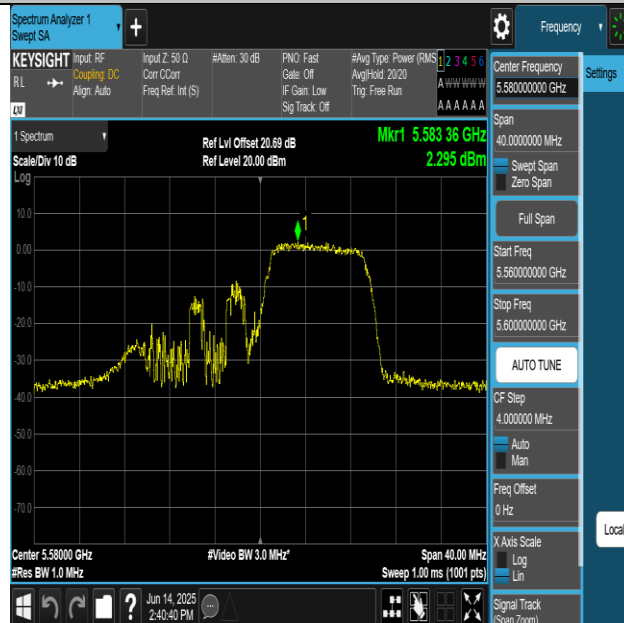
11AX20SISO-Ant1-5500-26Tone-RU0-PASS



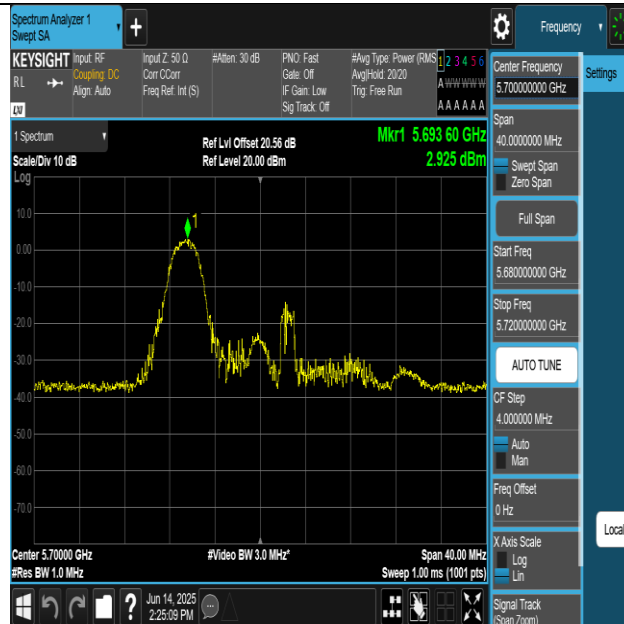
11AX20SISO-Ant1-5500-106Tone-RU54-PASS



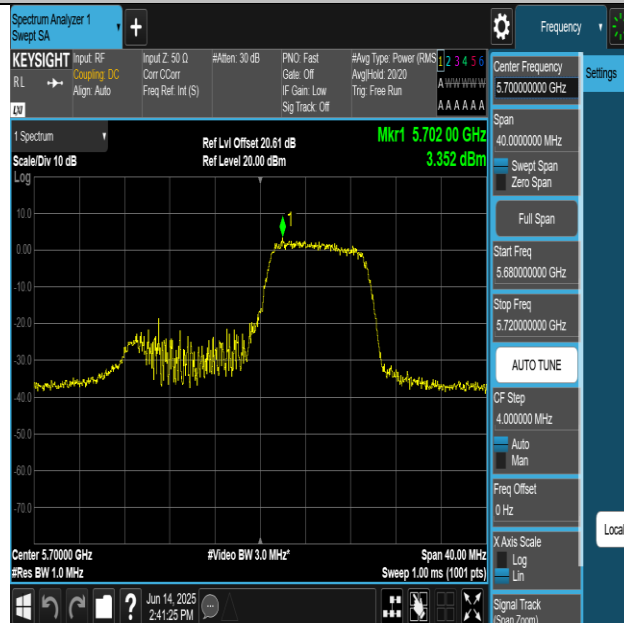
11AX20SISO-Ant1-5580-26Tone-RU0-PASS



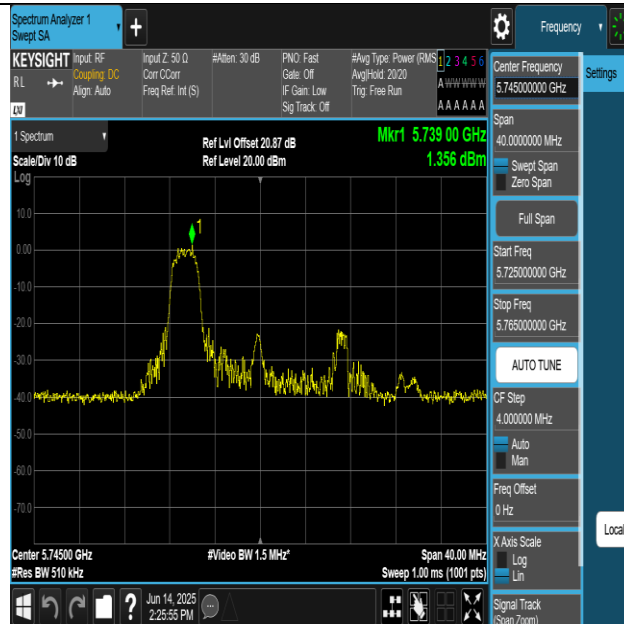
11AX20SISO-Ant1-5580-106Tone-RU54-PASS



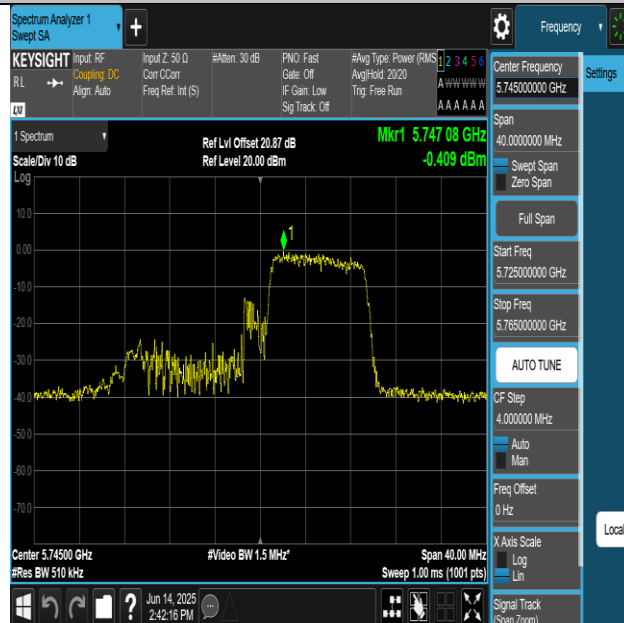
11AX20SISO-Ant1-5700-26Tone-RU0-PASS



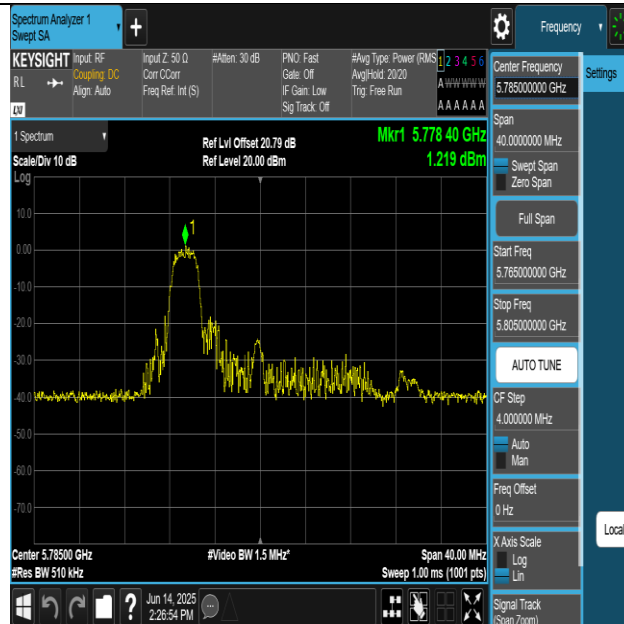
11AX20SISO-Ant1-5700-106Tone-RU54-PASS



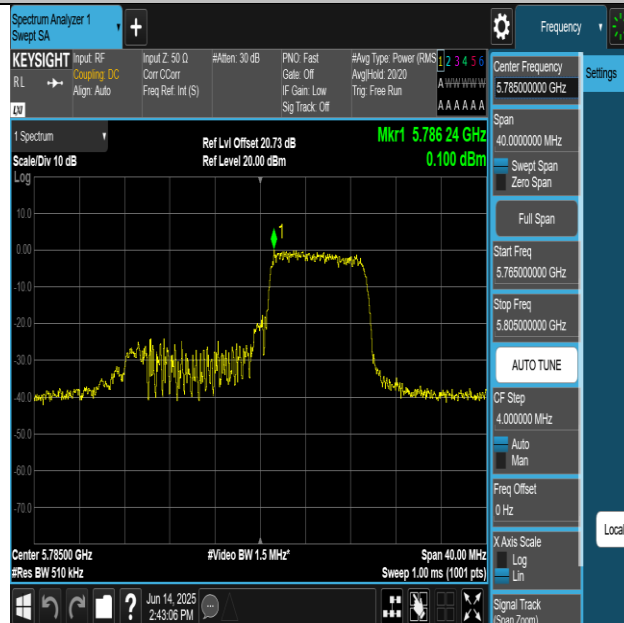
11AX20SISO-Ant1-5745-26Tone-RU0-PASS



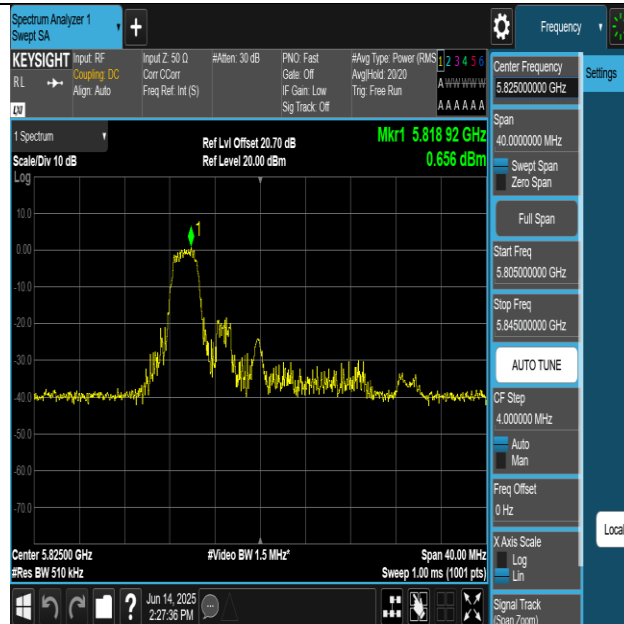
11AX20SISO-Ant1-5745-106Tone-RU54-PASS



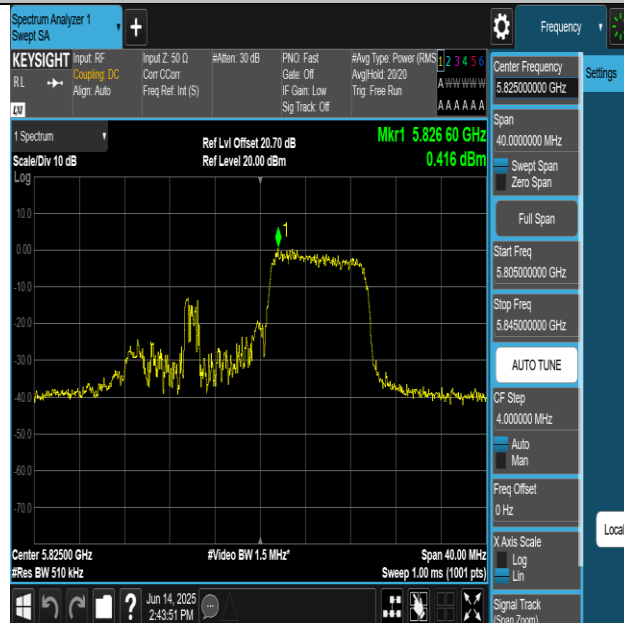
11AX20SISO-Ant1-5785-26Tone-RU0-PASS



11AX20SISO-Ant1-5785-106Tone-RU54-PASS



11AX20SISO-Ant1-5825-26Tone-RU0-PASS



11AX20SISO-Ant1-5825-106Tone-RU54-PASS

Appendix A.6: Test Results of Frequency Stability

Test Result

Test Mode: 802.11a Mode					
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measurement Frequency (MHz)	Frequency deviation (MHz)	ppm
5180	12	-40	5179.9256	-0.0744	-14.36293436
		-30	5179.9258	-0.0742	-14.32432432
		-20	5179.926	-0.074	-14.28571429
		-10	5179.9263	-0.0737	-14.22779923
		0	5179.9265	-0.0735	-14.18918919
		10	5179.9266	-0.0734	-14.16988417
		20	5179.9269	-0.0731	-14.11196911
		30	5179.9272	-0.0728	-14.05405405
		40	5179.9273	-0.0727	-14.03474903
		50	5179.9261	-0.0739	-14.26640927
		60	5179.9261	-0.0739	-14.26640927
	10.8	25	5179.9268	-0.0732	-14.13127413
	13.2	25	5179.9267	-0.0733	-14.15057915

Test Mode: 802.11a Mode					
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measurement Frequency (MHz)	Frequency deviation (MHz)	ppm
5320	12	-40	5319.9263	-0.0737	-13.8533835
		-30	5319.9265	-0.0735	-13.8157895
		-20	5319.9267	-0.0733	-13.7781955
		-10	5319.9268	-0.0732	-13.7593985
		0	5319.9272	-0.0728	-13.6842105
		10	5319.9275	-0.0725	-13.6278195
		20	5319.9276	-0.0724	-13.6090226
		30	5319.9277	-0.0723	-13.5902256
		40	5319.9267	-0.0733	-13.7781955
		50	5319.9265	-0.0735	-13.8157895
		60	5319.9264	-0.0736	-13.8345865
	10.8	25	5319.9276	-0.0724	-13.6090226
	13.2	25	5319.9275	-0.0725	-13.6278195

Test Mode: 802.11a Mode					
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measurement Frequency (MHz)	Frequency deviation (MHz)	ppm
5500	12	-40	5499.9251	-0.0749	-13.618182
		-30	5499.9253	-0.0747	-13.581818
		-20	5499.9255	-0.0745	-13.545455
		-10	5499.9257	-0.0743	-13.509091
		0	5499.9258	-0.0742	-13.490909
		10	5499.9261	-0.0739	-13.436364
		20	5499.9262	-0.0738	-13.418182
		30	5499.9263	-0.0737	-13.4
		40	5499.9255	-0.0745	-13.545455
		50	5499.9257	-0.0743	-13.509091
		60	5499.9258	-0.0742	-13.490909
	10.8	25	5499.9262	-0.0738	-13.418182
	13.2	25	5499.9261	-0.0739	-13.436364

Test Mode: 802.11a Mode					
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measurement Frequency (MHz)	Frequency deviation (MHz)	ppm
5825	12	-40	5824.9221	-0.0779	-13.37339
		-30	5824.9223	-0.0777	-13.33906
		-20	5824.9225	-0.0775	-13.30472
		-10	5824.9226	-0.0774	-13.28755
		0	5824.9229	-0.0771	-13.23605
		10	5824.9232	-0.0768	-13.18455
		20	5824.9233	-0.0767	-13.16738
		30	5824.9234	-0.0766	-13.15021
		40	5824.9225	-0.0775	-13.30472
		50	5824.9223	-0.0777	-13.33906
		60	5824.9222	-0.0778	-13.35622
	10.8	25	5824.9233	-0.0767	-13.16738
	13.2	25	5824.9234	-0.0766	-13.15021

Appendix A.7: Test Results of Radiated Spurious Emissions

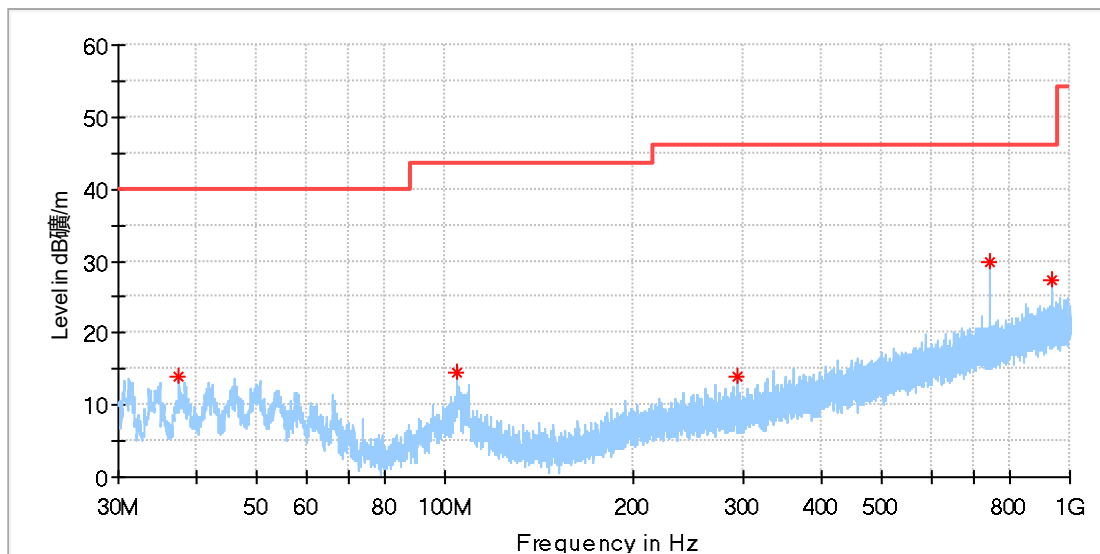
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

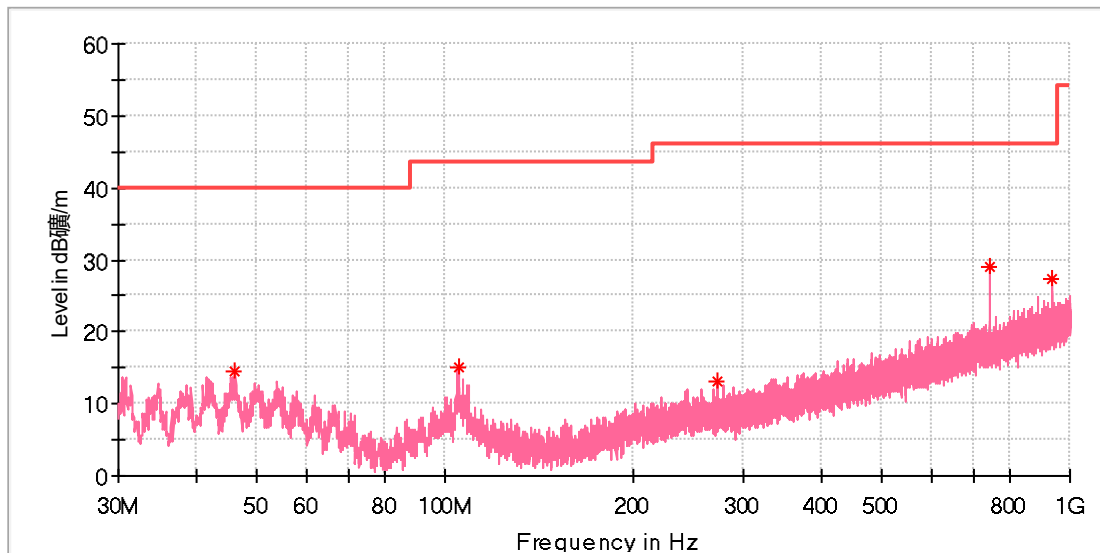
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.536154	13.84	40.00	26.16	100.0	H	0.0	-21.0
104.727308	14.40	43.50	29.10	100.0	H	228.0	-18.9
293.840000	13.88	46.00	32.12	100.0	H	357.0	-16.4
742.502308	29.81	46.00	16.19	100.0	H	196.0	-7.2
937.509615	27.42	46.00	18.58	100.0	H	211.0	-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: M10 Sensor
Model: M10-506-W
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 168552592/4003992354-004
Test Voltage: Battery
Remark: Temp 23 Humi:53%
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)
46.154231	14.55	40.00	25.45	100.0	V	0.0	-18.7
105.249615	14.95	43.50	28.55	100.0	V	213.0	-18.9
272.985000	13.21	46.00	32.79	100.0	V	62.0	-16.9
742.502308	28.89	46.00	17.11	100.0	V	283.0	-7.2
936.950000	27.29	46.00	18.71	100.0	V	24.0	-4.4

Final_Result

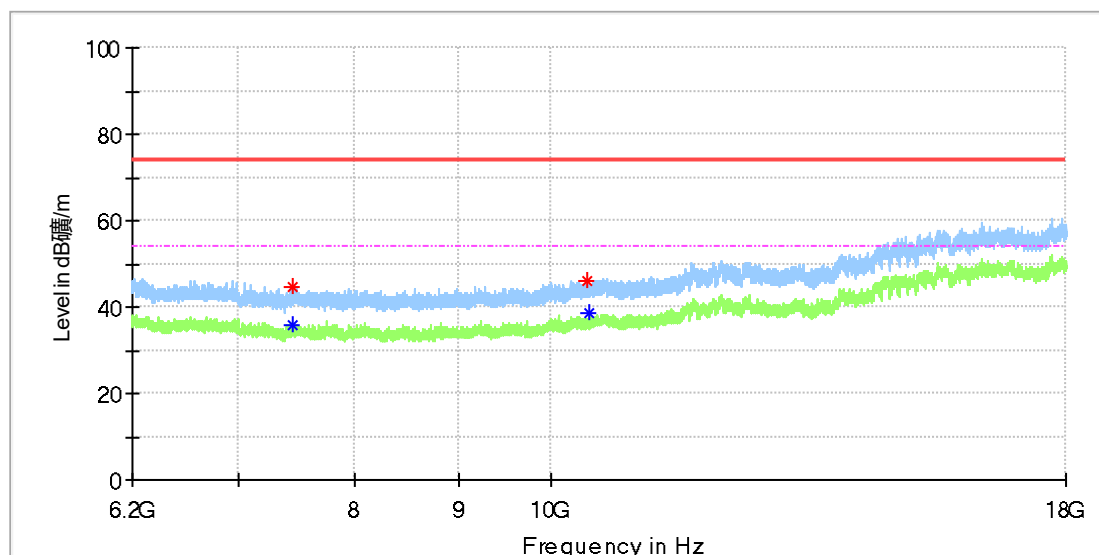
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

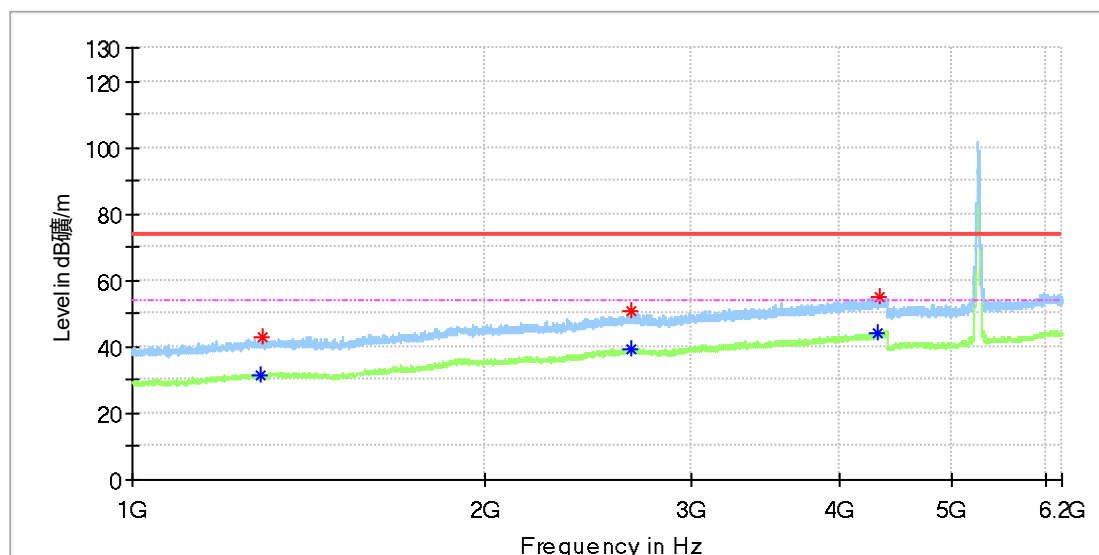
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.966667	---	36.04	54.00	17.96	150.0	H	337.0	8.4
7452.275000	44.45	---	74.00	29.55	150.0	H	82.0	8.5
10409.650000	45.82	---	74.00	28.18	150.0	H	174.0	11.9
10437.675000	---	38.38	54.00	15.62	150.0	H	185.0	11.9

Final Result

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch52
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
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)
1287.500000	---	31.56	54.00	22.44	150.0	H	91.0	2.7
1292.000000	42.90	---	74.00	31.10	150.0	H	328.0	2.7
2658.000000	---	39.36	54.00	14.64	150.0	H	328.0	10.2
2666.000000	51.01	---	74.00	22.99	150.0	H	261.0	10.2
4315.500000	---	44.14	54.00	9.86	150.0	H	321.0	13.7
4327.000000	55.13	---	74.00	18.87	150.0	H	274.0	13.8

Final Result

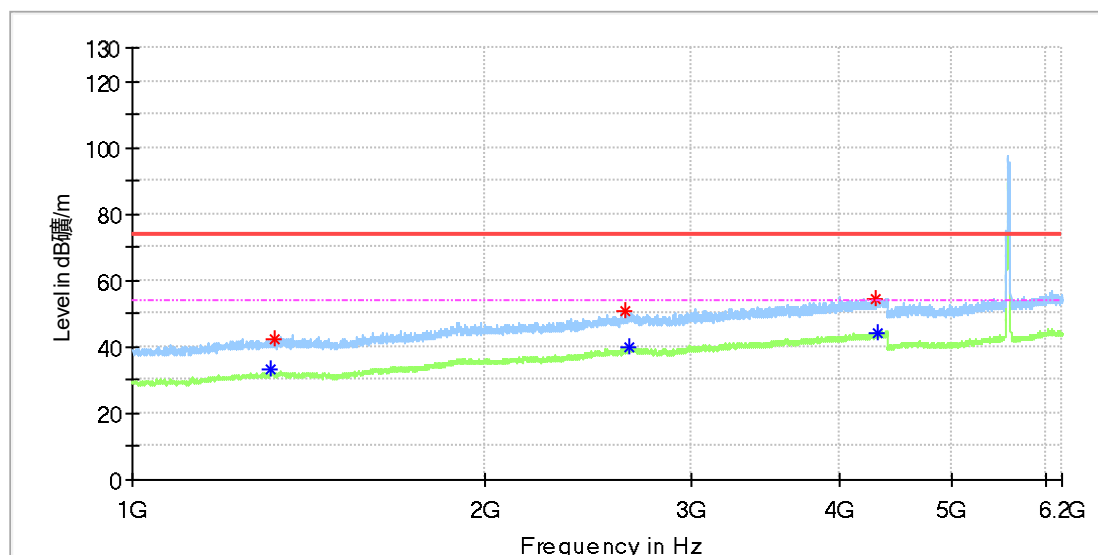
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

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

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

EUT Information

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

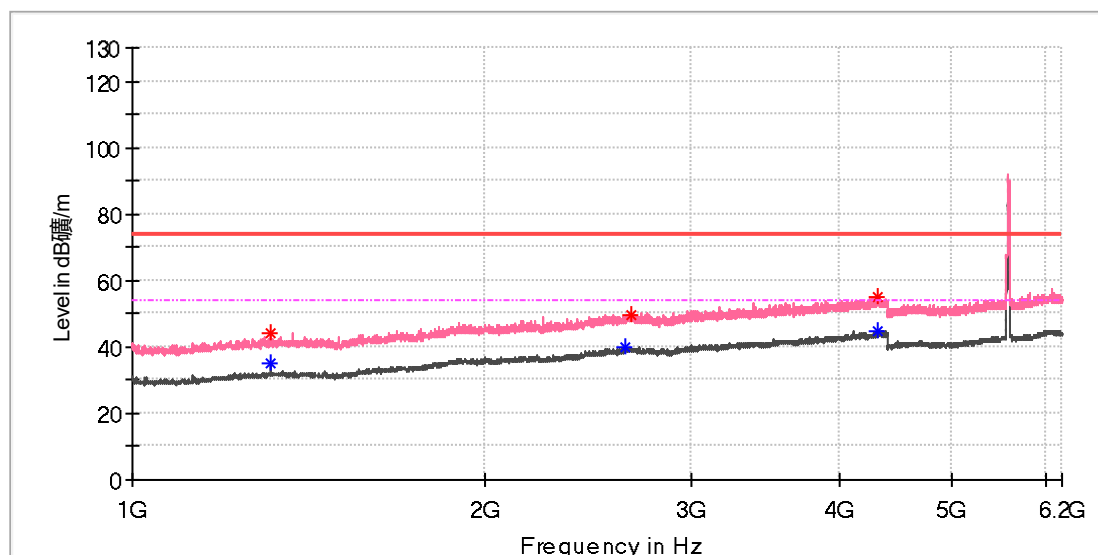
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	33.41	54.00	20.59	150.0	H	188.0	2.8
1319.500000	42.29	---	74.00	31.71	150.0	H	69.0	2.9
2635.500000	50.97	---	74.00	23.03	150.0	H	124.0	10.0
2647.000000	---	39.68	54.00	14.32	150.0	H	51.0	10.1
4299.000000	54.44	---	74.00	19.56	150.0	H	13.0	13.7
4318.000000	---	44.34	54.00	9.66	150.0	H	130.0	13.8

Final Result

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

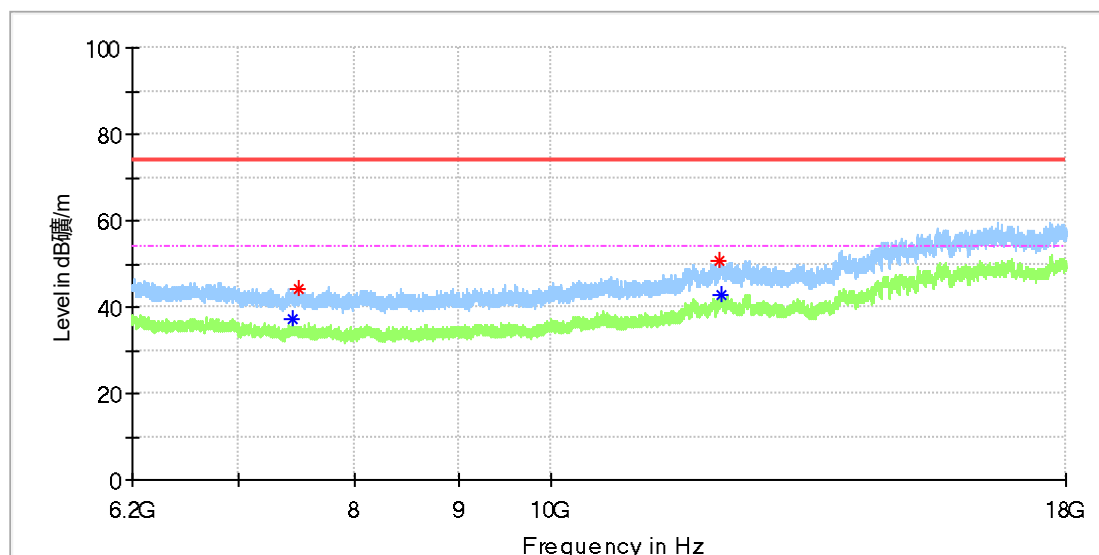
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	43.98	---	74.00	30.02	150.0	V	256.0	2.8
1312.500000	---	35.35	54.00	18.65	150.0	V	256.0	2.8
2627.000000	---	39.82	54.00	14.18	150.0	V	173.0	9.9
2662.000000	49.83	---	74.00	24.17	150.0	V	213.0	10.2
4317.000000	54.76	---	74.00	19.24	150.0	V	25.0	13.8
4317.000000	---	44.69	54.00	9.31	150.0	V	25.0	13.8

Final Result

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

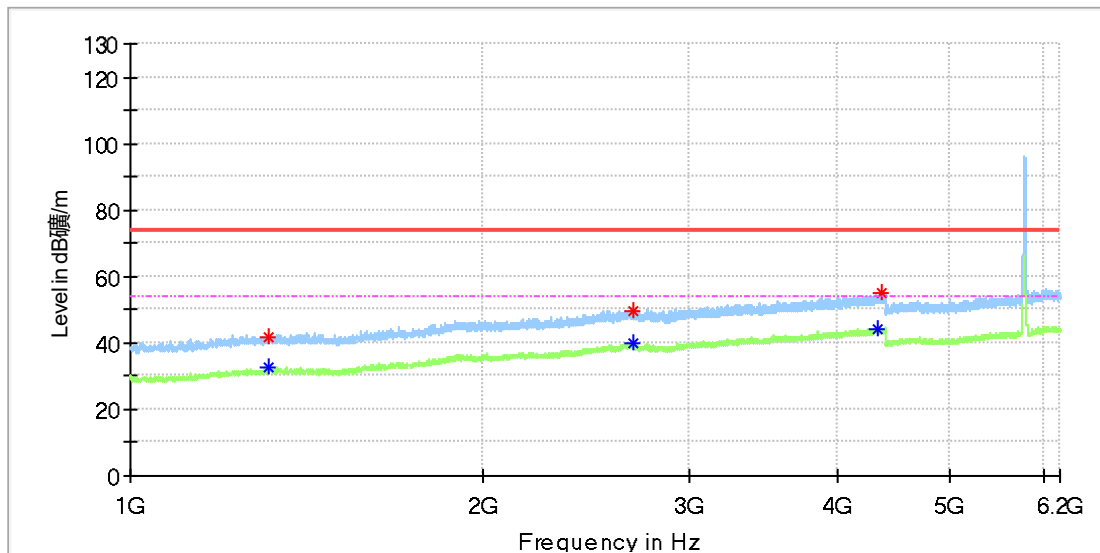
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	---	37.07	54.00	16.93	150.0	H	184.0	8.4
7492.100000	44.32	---	74.00	29.68	150.0	H	52.0	8.7
12120.158333	50.63	---	74.00	23.37	150.0	H	19.0	16.0
12144.250000	---	42.68	54.00	11.32	150.0	H	9.0	16.6

Final Result

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
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)	PoI	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	32.82	54.00	21.18	150.0	H	65.0	2.8
1313.000000	41.94	---	74.00	32.06	150.0	H	110.0	2.8
2681.500000	---	39.69	54.00	14.31	150.0	H	59.0	10.1
2685.500000	49.65	---	74.00	24.35	150.0	H	247.0	10.1
4327.500000	---	43.99	54.00	10.01	150.0	H	22.0	13.8
4366.000000	55.00	---	74.00	19.00	150.0	H	91.0	14.0

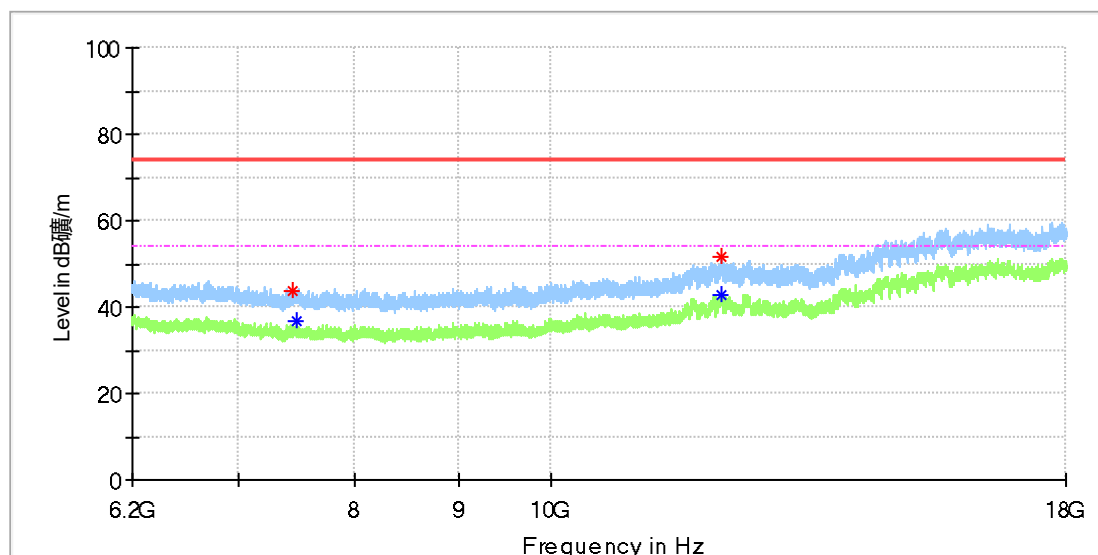
Final_Result

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

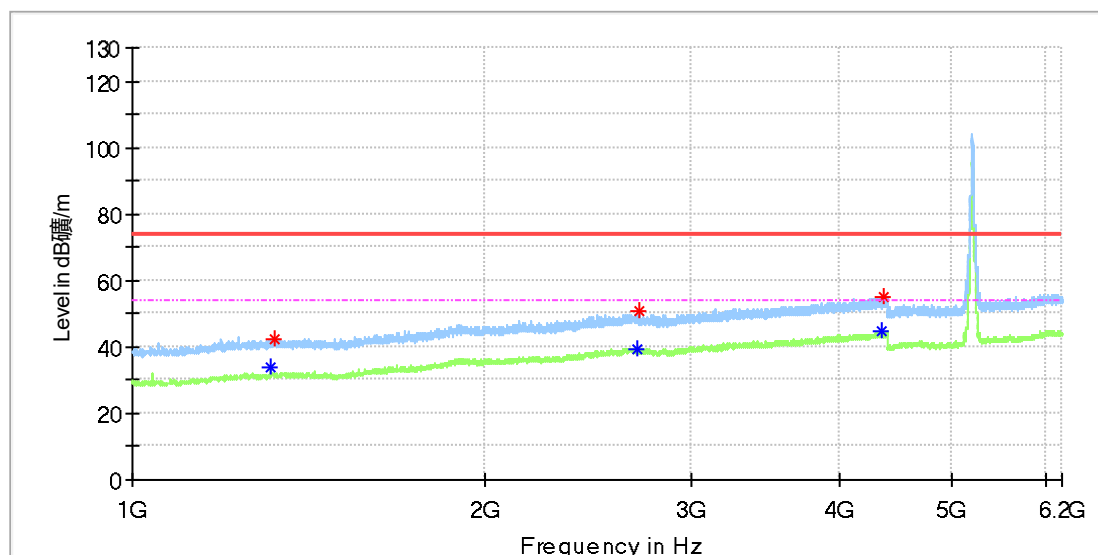
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	43.94	---	74.00	30.06	150.0	H	48.0	8.4
7480.791667	---	36.88	54.00	17.12	150.0	H	215.0	8.7
12132.941667	51.57	---	74.00	22.43	150.0	H	115.0	16.3
12146.708333	---	42.59	54.00	11.41	150.0	H	48.0	16.6

Final Result

[illegible]

EUT Information

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11n20_Ch40
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

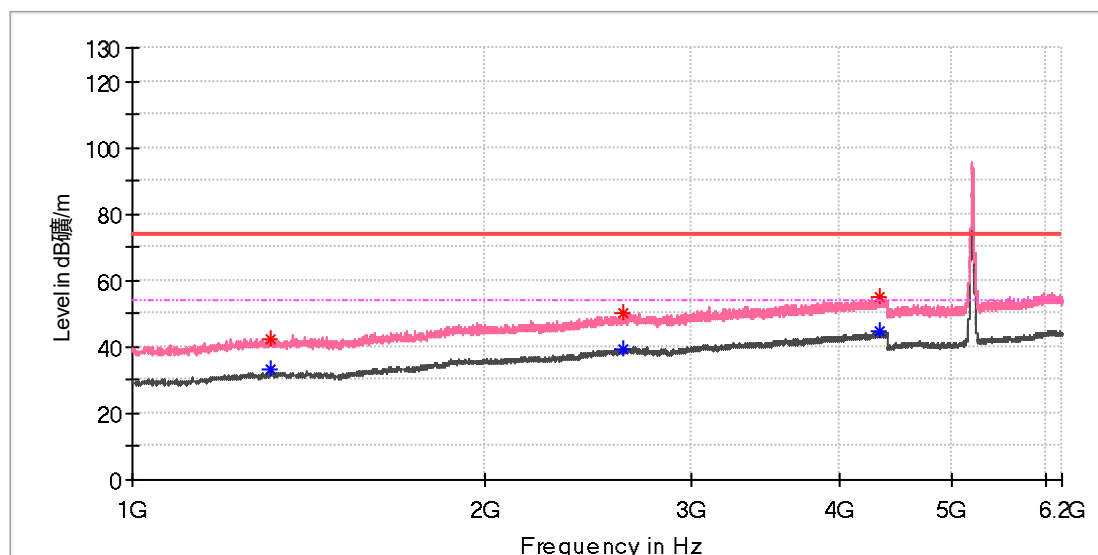
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	33.61	54.00	20.39	150.0	H	282.0	2.8
1320.000000	42.46	---	74.00	31.54	150.0	H	213.0	2.9
2694.000000	---	39.54	54.00	14.46	150.0	H	354.0	10.0
2704.000000	50.74	---	74.00	23.26	150.0	H	86.0	9.9
4345.500000	---	44.45	54.00	9.55	150.0	H	326.0	13.9
4365.000000	54.81	---	74.00	19.19	150.0	H	233.0	14.0

Final Result

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

EUT Name:	M10 Sensor
Model:	M10-506-W
Test Mode:	WIFI 5G_11n20_Ch40
Order No/Sample No:	168552592/4003992354-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
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)
1312.000000	42.24	---	74.00	31.76	150.0	V	270.0	2.8
1312.500000	---	33.03	54.00	20.97	150.0	V	209.0	2.8
2618.000000	50.14	---	74.00	23.86	150.0	V	232.0	9.8
2624.500000	---	39.53	54.00	14.47	150.0	V	157.0	9.8
4337.000000	---	44.46	54.00	9.54	150.0	V	325.0	13.8
4342.000000	55.18	---	74.00	18.82	150.0	V	223.0	13.8

Final Result

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