

Appendix A.4: Test Results of 26dB Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	18.600	5170.720	5189.320	---	PASS
		5200	18.360	5190.800	5209.160	---	PASS
		5240	18.480	5230.760	5249.240	---	PASS
		5260	18.360	5250.840	5269.200	---	PASS
		5280	18.360	5270.880	5289.240	---	PASS
		5320	18.360	5310.960	5329.320	---	PASS
		5500	18.520	5490.920	5509.440	---	PASS
		5580	18.440	5570.680	5589.120	---	PASS
11N20MIMO	Ant1	5700	18.560	5690.840	5709.400	---	PASS
		5180	20.240	5169.680	5189.920	---	PASS
		5200	19.680	5190.160	5209.840	---	PASS
		5240	19.560	5230.240	5249.800	---	PASS
		5260	20.320	5249.680	5270.000	---	PASS
		5280	20.040	5270.080	5290.120	---	PASS
		5320	19.680	5310.000	5329.680	---	PASS
		5500	20.200	5489.720	5509.920	---	PASS
11N40MIMO	Ant1	5580	20.200	5569.680	5589.880	---	PASS
		5700	19.760	5690.160	5709.920	---	PASS
		5190	39.280	5170.480	5209.760	---	PASS
		5230	39.360	5210.160	5249.520	---	PASS
		5270	39.600	5250.320	5289.920	---	PASS
		5310	39.520	5290.080	5329.600	---	PASS
		5510	39.120	5490.400	5529.520	---	PASS
		5550	39.120	5530.400	5569.520	---	PASS
11AC20MIMO	Ant1	5670	39.600	5650.000	5689.600	---	PASS
		5180	20.040	5170.040	5190.080	---	PASS
		5200	20.200	5190.120	5210.320	---	PASS
		5240	19.720	5230.200	5249.920	---	PASS
		5260	19.960	5250.120	5270.080	---	PASS
		5280	19.960	5270.000	5289.960	---	PASS
		5320	19.760	5310.120	5329.880	---	PASS
		5500	20.000	5490.040	5510.040	---	PASS
11AC40MIMO	Ant1	5580	19.680	5570.120	5589.800	---	PASS
		5700	20.040	5689.920	5709.960	---	PASS
		5190	39.360	5170.320	5209.680	---	PASS
		5230	39.440	5210.240	5249.680	---	PASS
		5270	39.280	5250.320	5289.600	---	PASS
		5310	39.280	5290.240	5329.520	---	PASS
		5510	39.280	5490.400	5529.680	---	PASS
		5550	39.440	5529.920	5569.360	---	PASS
11AC80MIMO	Ant1	5670	39.360	5650.320	5689.680	---	PASS
		5210	80.960	5169.520	5250.480	---	PASS
		5290	81.280	5249.200	5330.480	---	PASS
		5530	81.280	5489.360	5570.640	---	PASS
11AX20MIMO	Ant1	5610	81.600	5569.200	5650.800	---	PASS
		5180	20.680	5169.760	5190.440	---	PASS
		5200	20.360	5189.760	5210.120	---	PASS
		5240	20.680	5229.520	5250.200	---	PASS
		5260	20.480	5249.760	5270.240	---	PASS
		5280	20.760	5269.680	5290.440	---	PASS
		5320	20.520	5309.840	5330.360	---	PASS
		5500	20.520	5489.680	5510.200	---	PASS
11AX40MIMO	Ant1	5580	20.280	5569.800	5590.080	---	PASS
		5700	20.520	5689.760	5710.280	---	PASS
		5190	40.560	5169.360	5209.920	---	PASS
		5230	39.520	5210.080	5249.600	---	PASS
		5270	40.160	5250.080	5290.240	---	PASS

		5310	40.080	5289.840	5329.920	---	PASS
		5510	40.240	5489.760	5530.000	---	PASS
		5550	39.600	5530.320	5569.920	---	PASS
		5670	40.080	5650.080	5690.160	---	PASS
11AX80MIMO	Ant1	5210	81.120	5169.520	5250.640	---	PASS
		5290	82.080	5249.040	5331.120	---	PASS
		5530	80.800	5489.360	5570.160	---	PASS
		5610	82.080	5569.200	5651.280	---	PASS

Test Graphs

11A-CDD_Ant1_5180



11A-CDD_Ant1_5200



11A-CDD_Ant1_5240



11A-CDD Ant1 5260



11A-CDD Ant1 5280



11A-CDD Ant1 5320



11N20MIMO Ant1 5180



11N20MIMO Ant1 5200



11N20MIMO Ant1 5240



11N20MIMO Ant1 5260



11N20MIMO Ant1 5280



11N20MIMO Ant1 5320



11N20MIMO Ant1 5500



11N20MIMO Ant1 5580



11N20MIMO Ant1 5700



11N40MIMO Ant1 5190



11N40MIMO Ant1 5230



11N40MIMO Ant1 5270



11N40MIMO Ant1 5310



11N40MIMO Ant1 5510



11N40MIMO Ant1 5550



11N40MIMO_Ant1_5670



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant1_5200





11AC20MIMO_Ant1_5320



11AC20MIMO_Ant1_5500



11AC20MIMO_Ant1_5580



11AC20MIMO_Ant1_5700



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant1_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant1_5550



11AC40MIMO_Ant1_5670



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant1_5610



11AX20MIMO_Ant1_5180



11AX20MIMO_Ant1_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant1_5260



11AX20MIMO_Ant1_5280



11AX20MIMO_Ant1_5320



11AX20MIMO_Ant1_5500



11AX20MIMO_Ant1_5580



11AX20MIMO_Ant1_5700



11AX40MIMO_Ant1_5310



11AX40MIMO_Ant1_5510



11AX40MIMO_Ant1_5550



11AX40MIMO_Ant1_5670



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant1_5290



11AX80MIMO_Ant1_5530



11AX80MIMO_Ant1_5610



Appendix A.5: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	16.463	5171.7744	5188.2374	---	PASS
		5200	16.432	5191.7895	5208.2215	---	PASS
		5240	16.483	5231.7765	5248.2595	---	PASS
		5260	16.496	5251.7510	5268.2470	---	PASS
		5280	16.420	5271.7946	5288.2146	---	PASS
		5320	16.510	5311.7512	5328.2612	---	PASS
		5500	16.483	5491.7620	5508.2450	---	PASS
		5580	16.545	5571.7152	5588.2602	---	PASS
		5700	16.466	5691.7362	5708.2022	---	PASS
		5745	16.535	5736.7205	5753.2555	---	PASS
		5785	16.557	5776.7157	5793.2727	---	PASS
11N20MIMO	Ant1	5825	16.508	5816.7238	5833.2318	---	PASS
		5180	17.772	5171.1407	5188.9127	---	PASS
		5200	17.753	5191.1254	5208.8784	---	PASS
		5240	17.729	5231.1245	5248.8535	---	PASS
		5260	17.736	5251.1085	5268.8445	---	PASS
		5280	17.721	5271.1356	5288.8566	---	PASS
		5320	17.723	5311.1522	5328.8752	---	PASS
		5500	17.717	5491.1387	5508.8557	---	PASS
		5580	17.718	5571.1024	5588.8204	---	PASS
		5700	17.712	5691.1248	5708.8368	---	PASS
		5745	17.690	5736.1353	5753.8253	---	PASS
11N40MIMO	Ant1	5785	17.724	5776.1089	5793.8329	---	PASS
		5825	17.758	5816.0896	5833.8476	---	PASS
		5190	36.183	5171.9264	5208.1094	---	PASS
		5230	36.186	5211.8884	5248.0744	---	PASS
		5270	36.239	5251.8571	5288.0961	---	PASS
		5310	36.230	5291.8590	5328.0890	---	PASS
		5510	36.173	5491.9054	5528.0784	---	PASS
		5550	36.215	5531.8706	5568.0856	---	PASS
		5670	36.240	5651.8678	5688.1078	---	PASS
		5755	36.257	5736.8140	5773.0710	---	PASS
		5795	36.206	5776.9091	5813.1151	---	PASS
11AC20MIMO	Ant1	5180	17.743	5171.1498	5188.8928	---	PASS
		5200	17.718	5191.1490	5208.8670	---	PASS
		5240	17.771	5231.1101	5248.8811	---	PASS
		5260	17.732	5251.1218	5268.8538	---	PASS
		5280	17.711	5271.1463	5288.8573	---	PASS
		5320	17.762	5311.1259	5328.8879	---	PASS
		5500	17.707	5491.1739	5508.8809	---	PASS
		5580	17.756	5571.0994	5588.8554	---	PASS
		5700	17.711	5691.1390	5708.8500	---	PASS
		5745	17.712	5736.1225	5753.8345	---	PASS
		5785	17.737	5776.1347	5793.8717	---	PASS
11AC40MIMO	Ant1	5825	17.751	5816.1325	5833.8835	---	PASS
		5190	36.167	5171.9450	5208.1120	---	PASS
		5230	36.245	5211.8558	5248.1008	---	PASS
		5270	36.201	5251.8707	5288.0717	---	PASS
		5310	36.218	5291.9013	5328.1193	---	PASS
		5510	36.173	5491.8906	5528.0636	---	PASS
		5550	36.196	5531.9267	5568.1227	---	PASS
		5670	36.224	5651.8340	5688.0580	---	PASS
		5755	36.316	5736.8253	5773.1413	---	PASS
		5795	36.282	5776.8286	5813.1106	---	PASS
11AC80MIMO	Ant1	5210	75.865	5172.0244	5247.8894	---	PASS
		5290	75.829	5252.0583	5327.8873	---	PASS
		5530	75.667	5492.1217	5567.7887	---	PASS

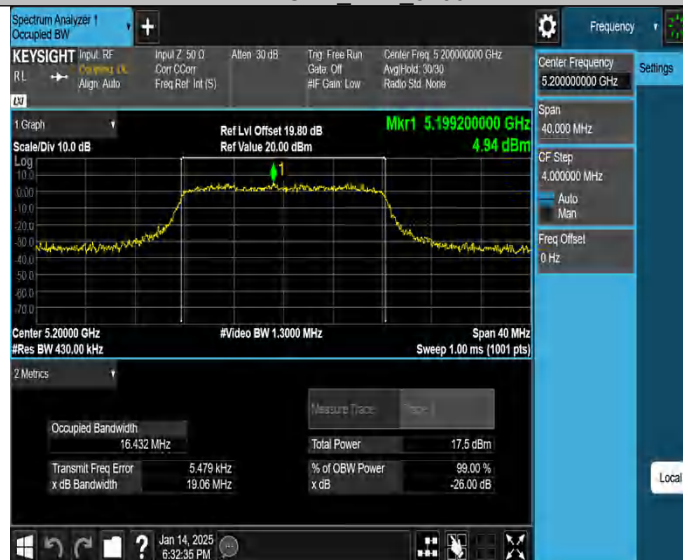
		5610	75.693	5571.9599	5647.6529	---	PASS
		5775	75.899	5737.0079	5812.9069	---	PASS
11AX20MIMO	Ant1	5180	19.061	5170.4496	5189.5106	---	PASS
		5200	19.048	5190.4719	5209.5199	---	PASS
		5240	19.061	5230.4890	5249.5500	---	PASS
		5260	19.063	5250.4552	5269.5182	---	PASS
		5280	18.998	5270.5182	5289.5162	---	PASS
		5320	19.026	5310.4912	5329.5172	---	PASS
		5500	19.005	5490.4963	5509.5013	---	PASS
		5580	18.995	5570.4794	5589.4744	---	PASS
		5700	18.977	5690.5246	5709.5016	---	PASS
		5745	19.029	5735.4605	5754.4895	---	PASS
		5785	18.995	5775.4985	5794.4935	---	PASS
		5825	19.006	5815.5193	5834.5253	---	PASS
11AX40MIMO	Ant1	5190	37.953	5171.1042	5209.0572	---	PASS
		5230	37.919	5211.0026	5248.9216	---	PASS
		5270	37.960	5250.9585	5288.9185	---	PASS
		5310	37.877	5291.0339	5328.9109	---	PASS
		5510	37.828	5491.0928	5528.9208	---	PASS
		5550	37.883	5531.0273	5568.9103	---	PASS
		5670	37.806	5651.0538	5688.8598	---	PASS
		5755	37.969	5735.9359	5773.9049	---	PASS
		5795	37.956	5776.0399	5813.9959	---	PASS
11AX80MIMO	Ant1	5210	77.470	5171.2199	5248.6899	---	PASS
		5290	77.614	5251.1076	5328.7216	---	PASS
		5530	77.205	5491.3394	5568.5444	---	PASS
		5610	77.354	5571.2321	5648.5861	---	PASS
		5775	77.669	5736.1992	5813.8682	---	PASS

Test Graphs

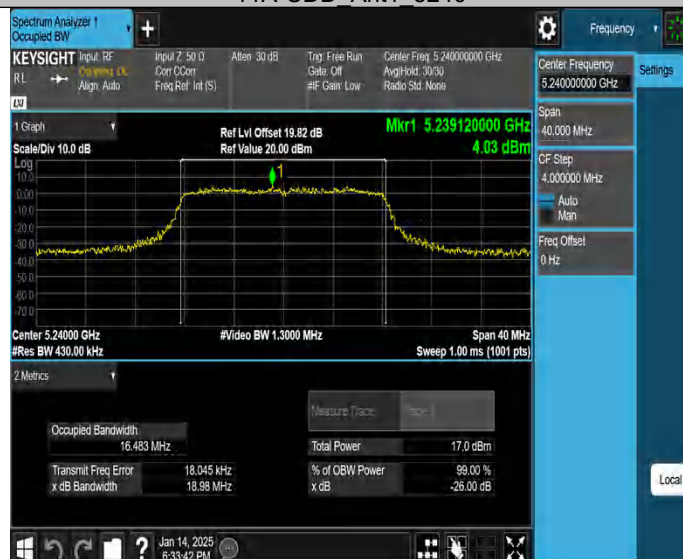
11A-CDD_Ant1_5180



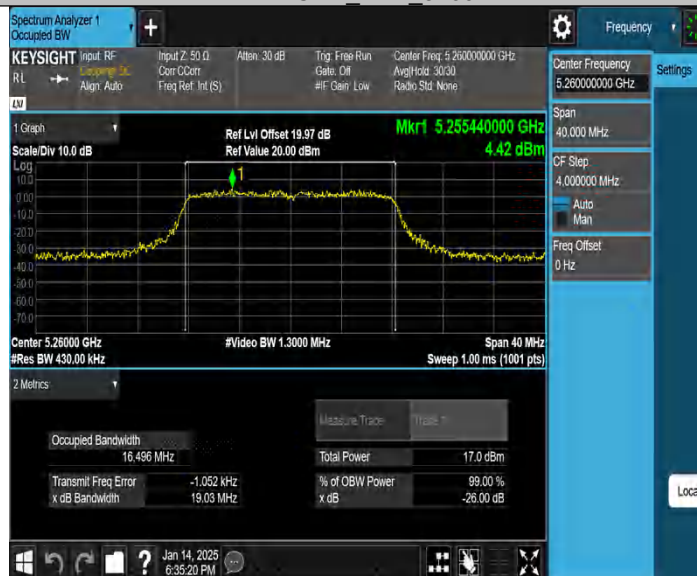
11A-CDD_Ant1_5200



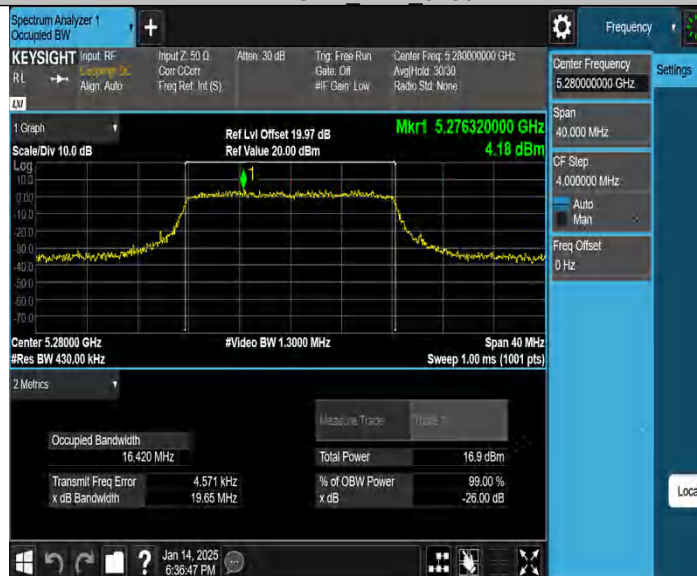
11A-CDD_Ant1_5240



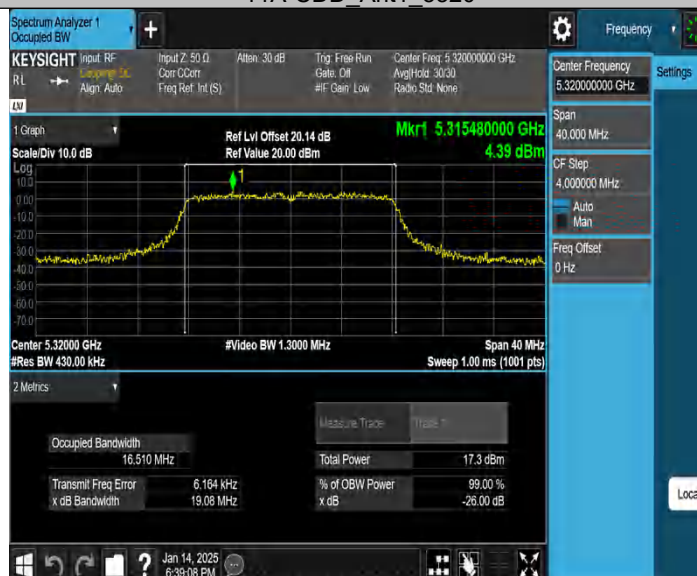
11A-CDD Ant1 5260



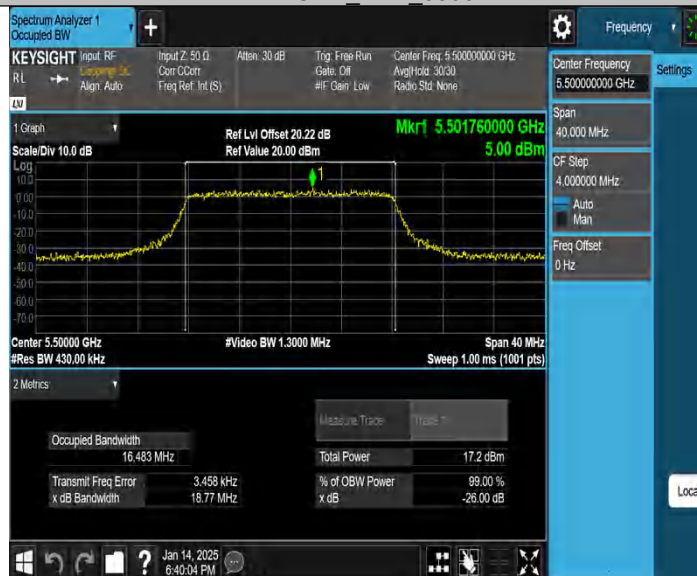
11A-CDD Ant1 5280



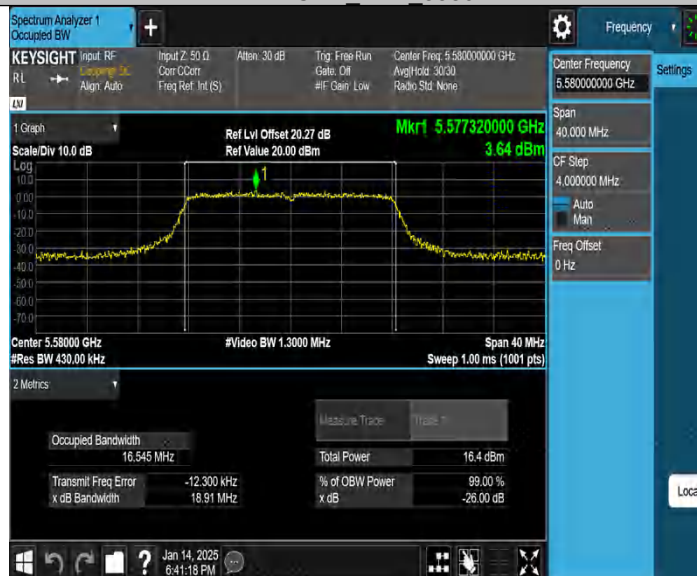
11A-CDD Ant1 5320



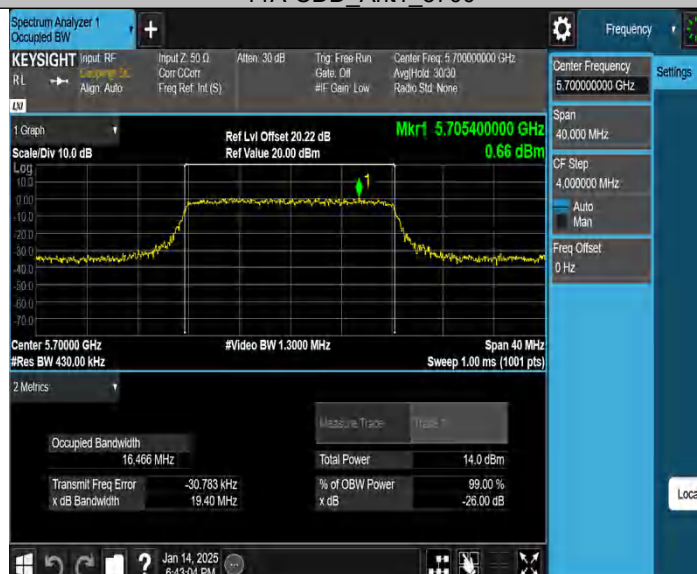
11A-CDD Ant1 5500



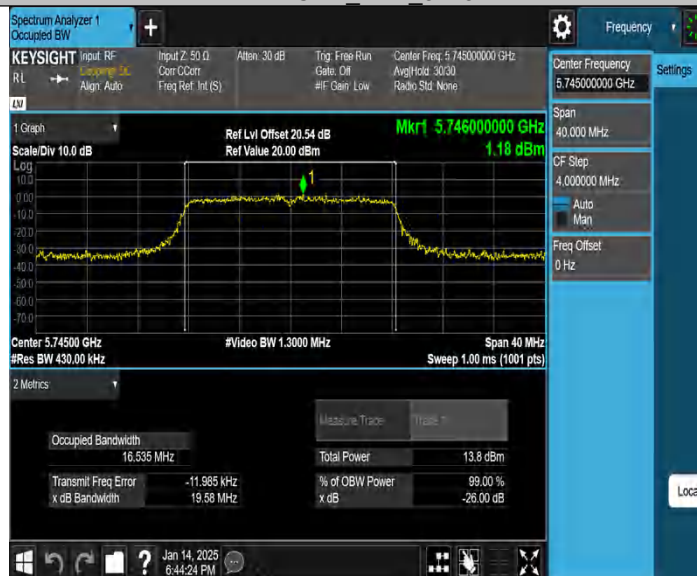
11A-CDD Ant1 5580



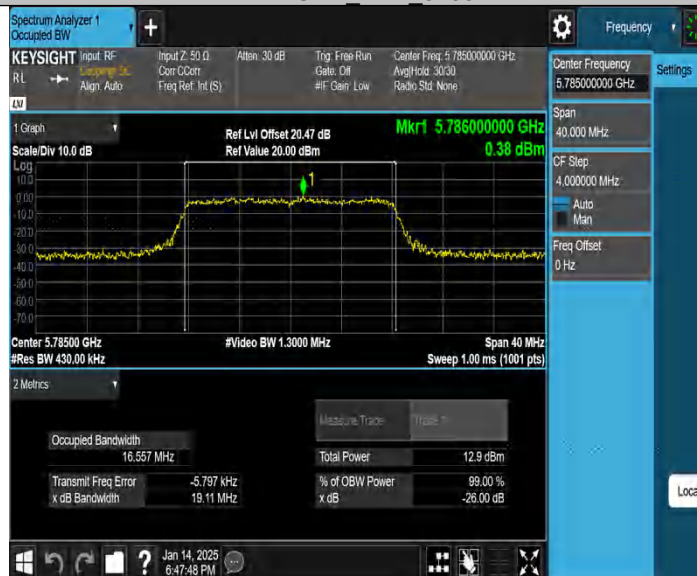
11A-CDD Ant1 5700



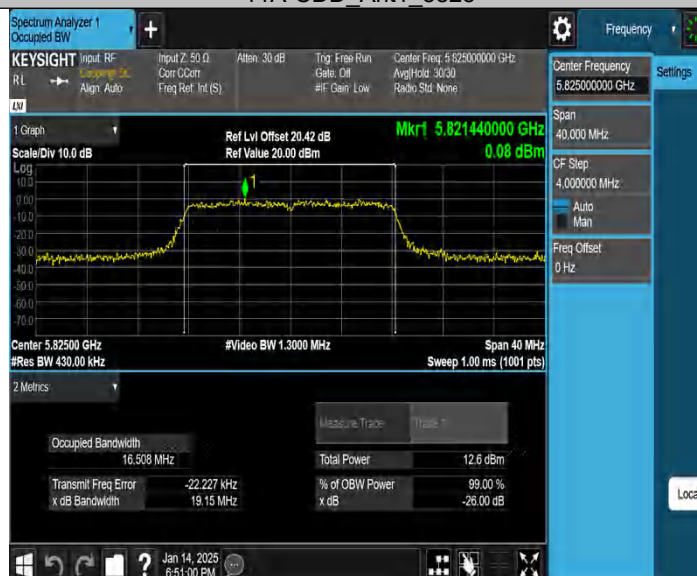
11A-CDD Ant1 5745



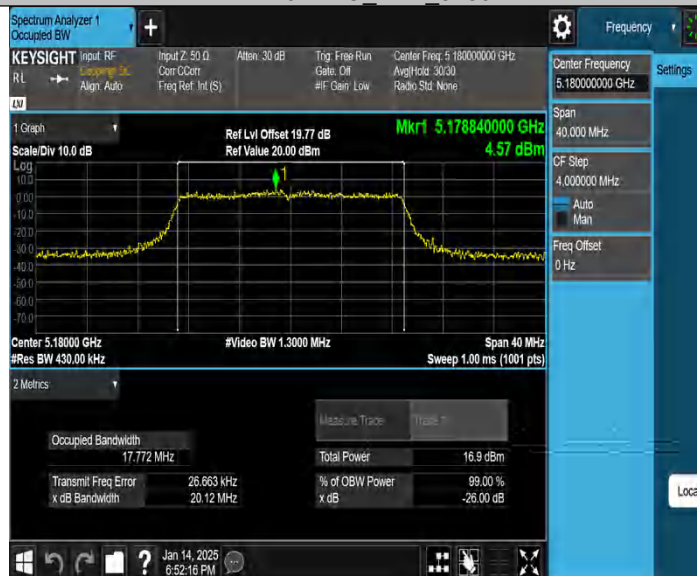
11A-CDD Ant1 5785



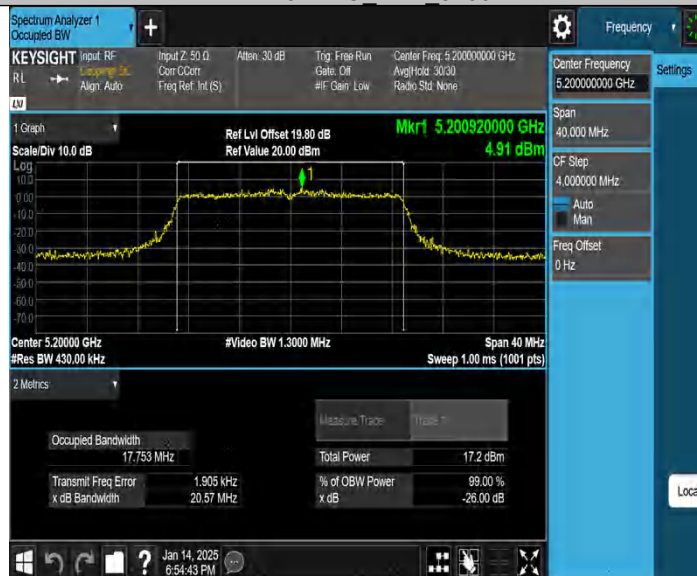
11A-CDD Ant1 5825



11N20MIMO Ant1 5180



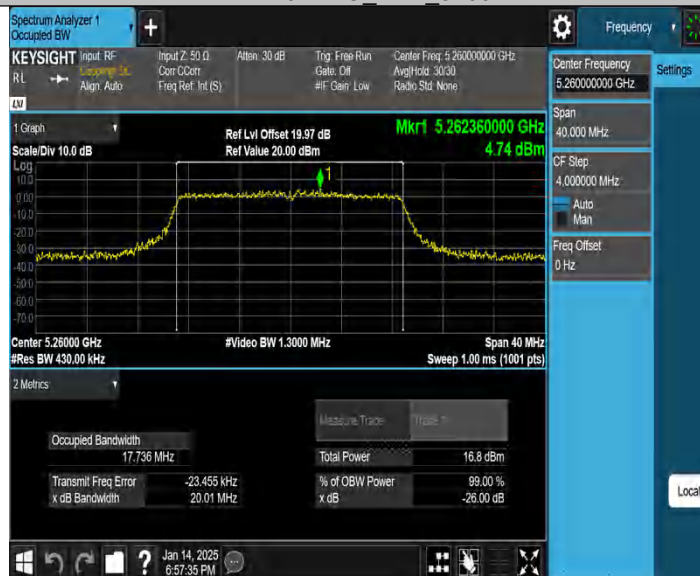
11N20MIMO Ant1 5200



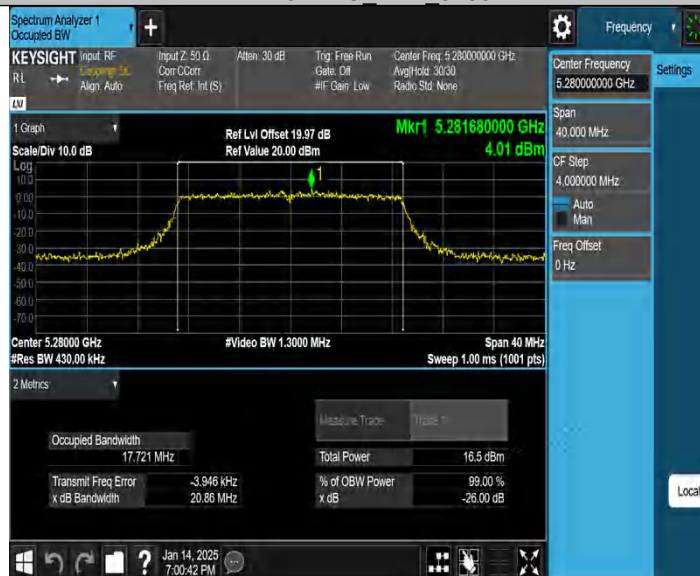
11N20MIMO Ant1 5240



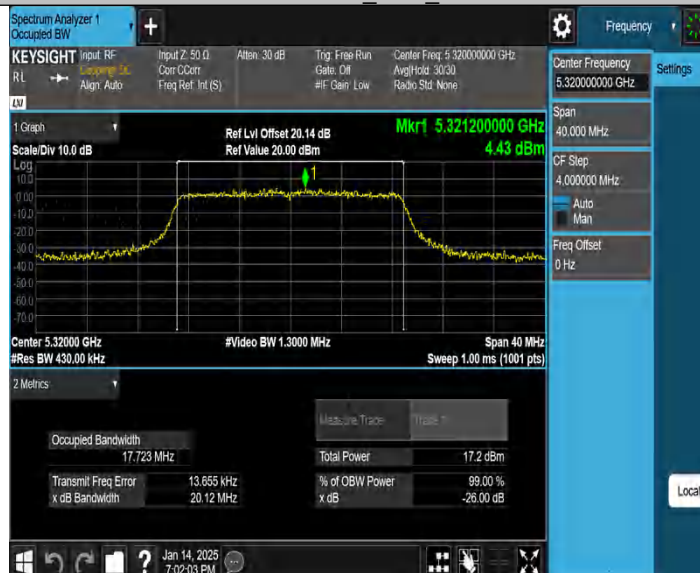
11N20MIMO Ant1 5260

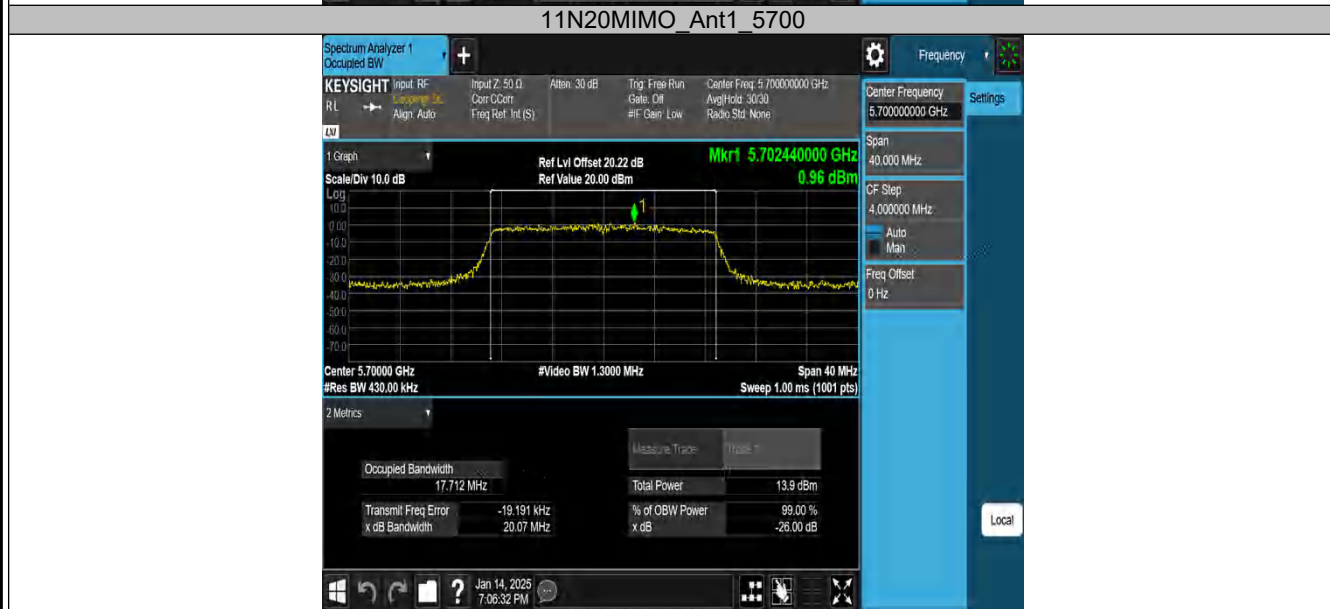


11N20MIMO Ant1 5280



11N20MIMO Ant1 5320

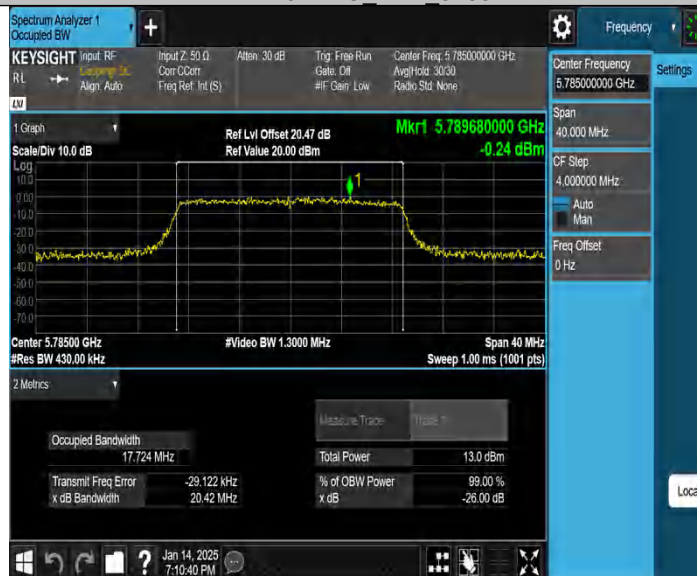




11N20MIMO Ant1 5745



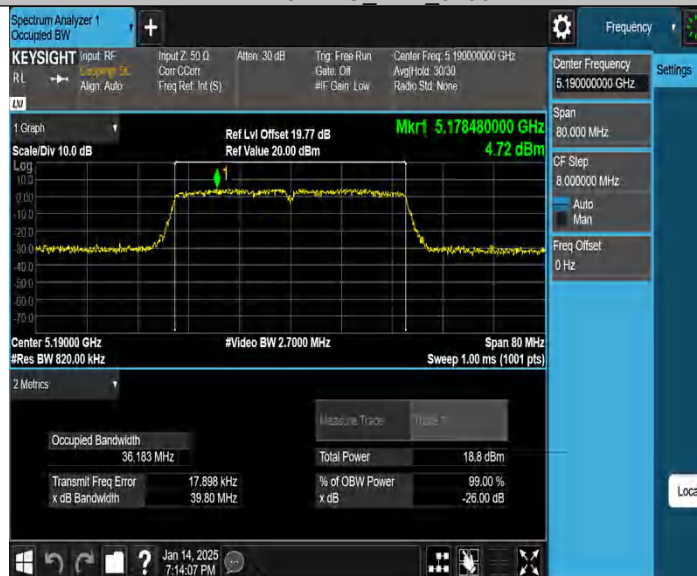
11N20MIMO Ant1 5785



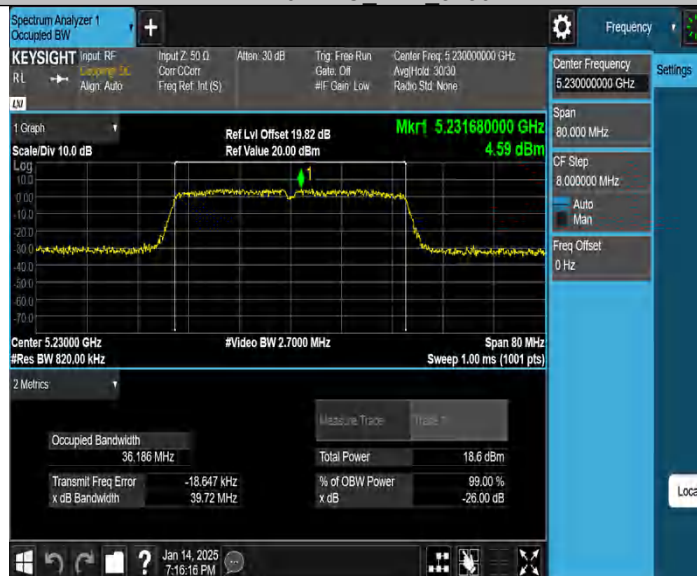
11N20MIMO Ant1 5825



11N40MIMO Ant1 5190



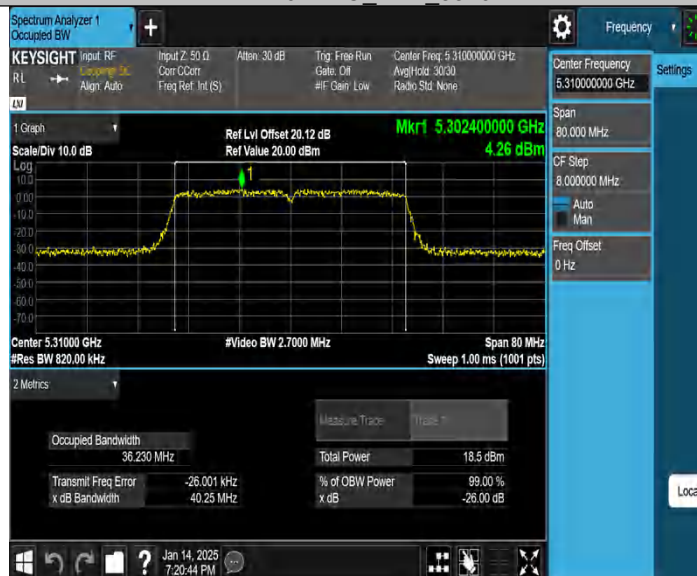
11N40MIMO Ant1 5230



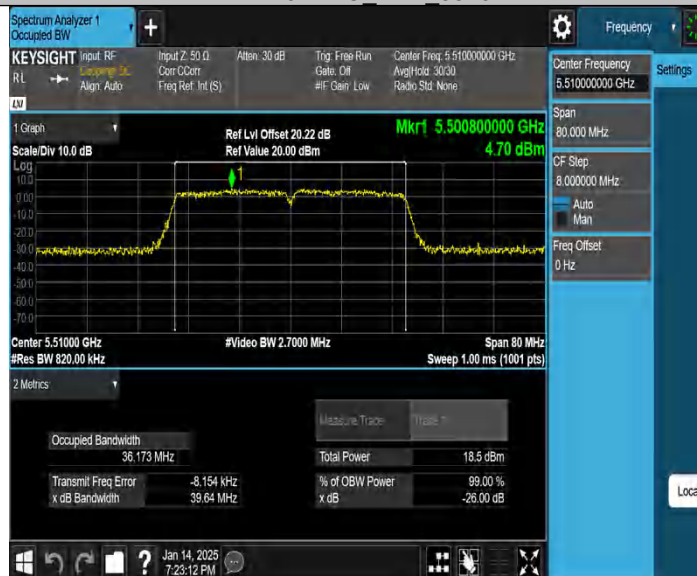
11N40MIMO Ant1 5270



11N40MIMO Ant1 5310



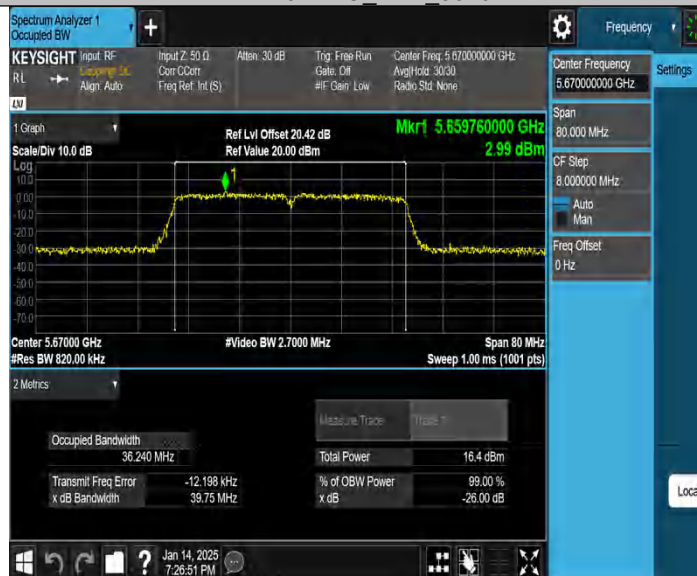
11N40MIMO Ant1 5510



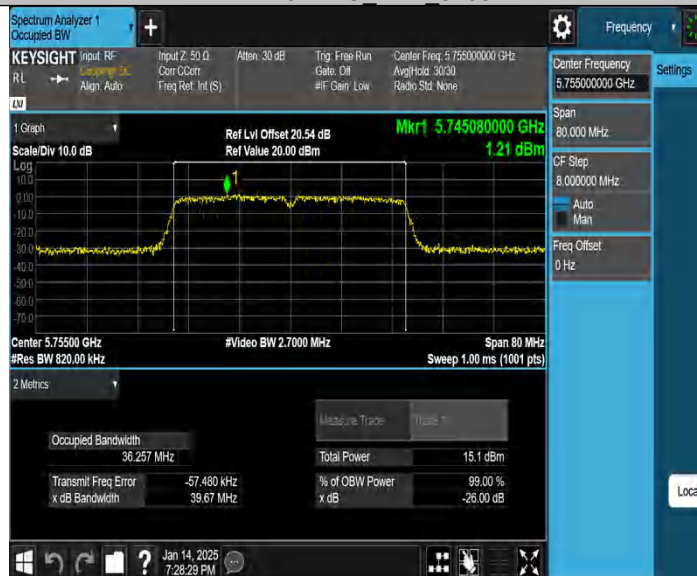
11N40MIMO Ant1 5550



11N40MIMO Ant1 5670



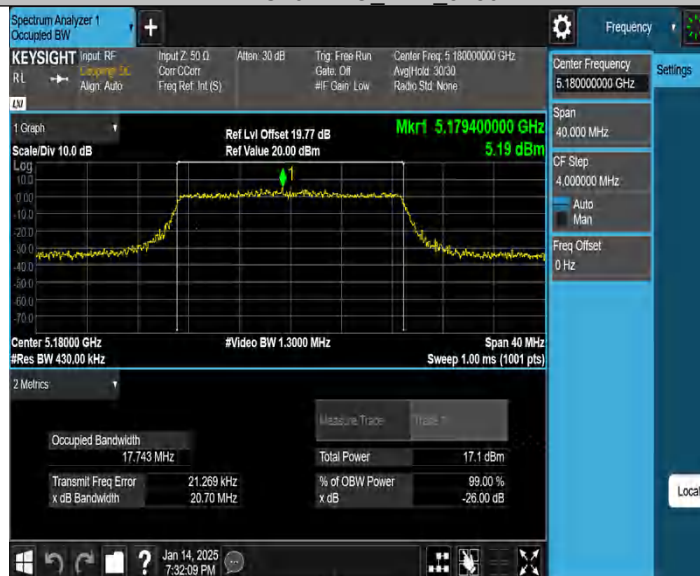
11N40MIMO Ant1 5755



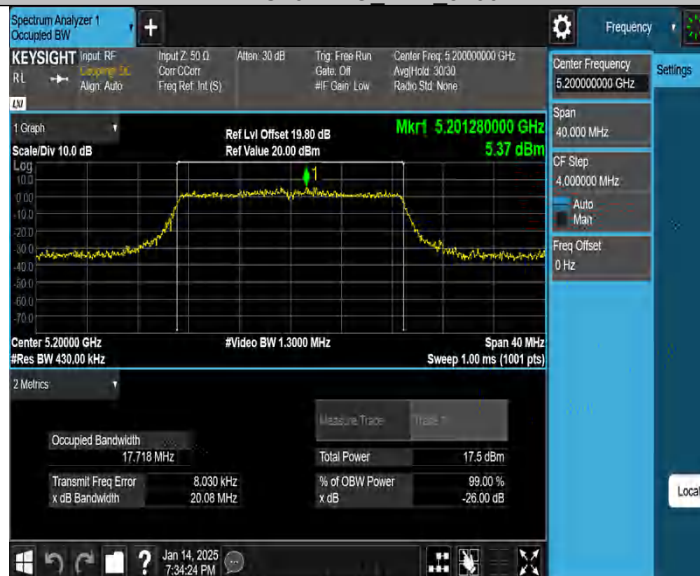
11N40MIMO Ant1 5795



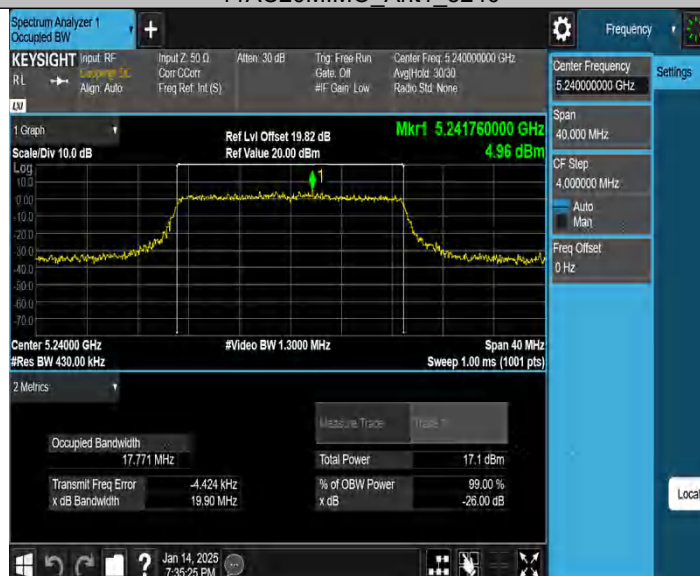
11AC20MIMO_Ant1_5180



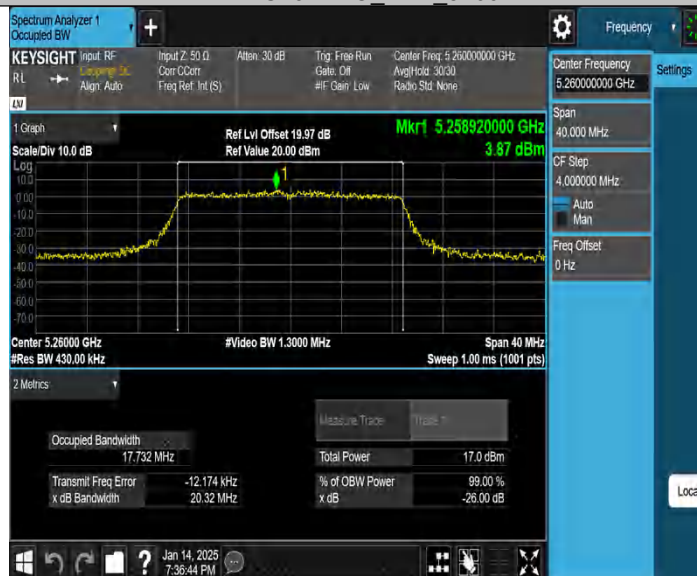
11AC20MIMO_Ant1_5200



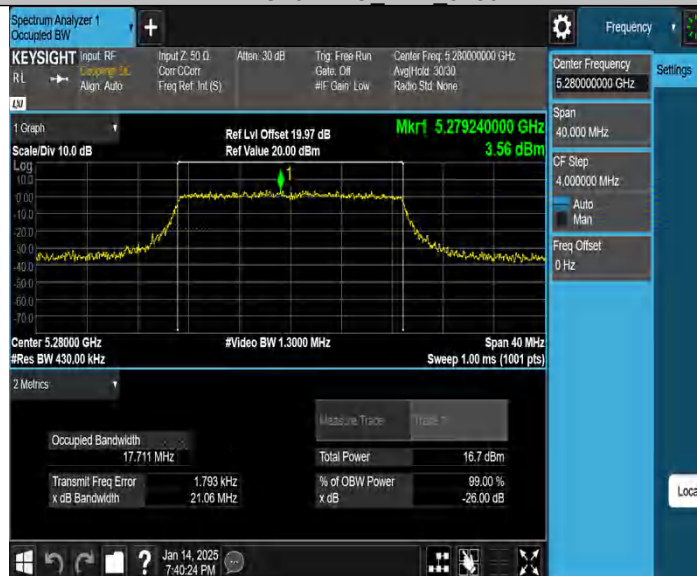
11AC20MIMO_Ant1_5240



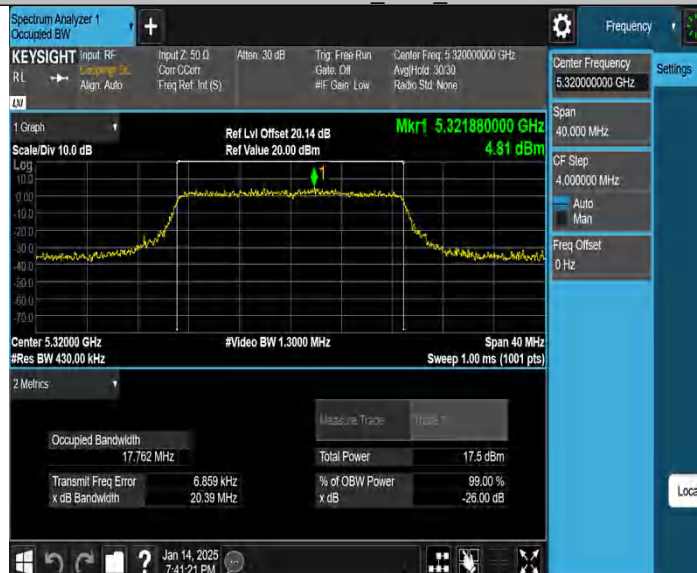
11AC20MIMO_Ant1_5260



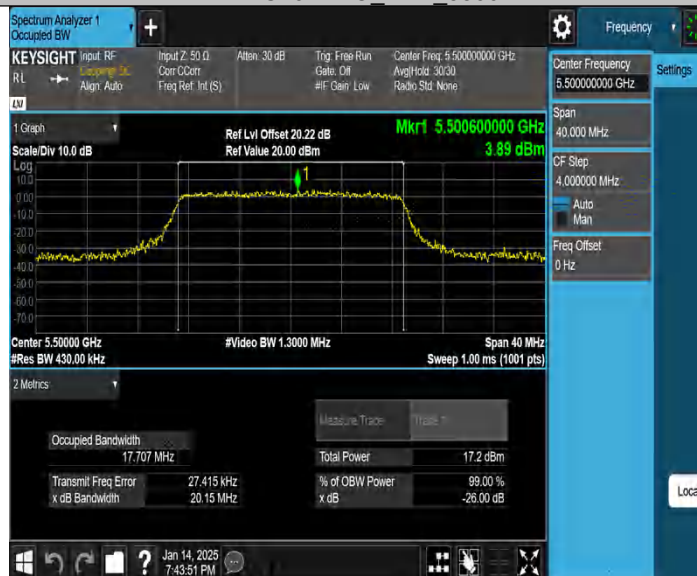
11AC20MIMO_Ant1_5280



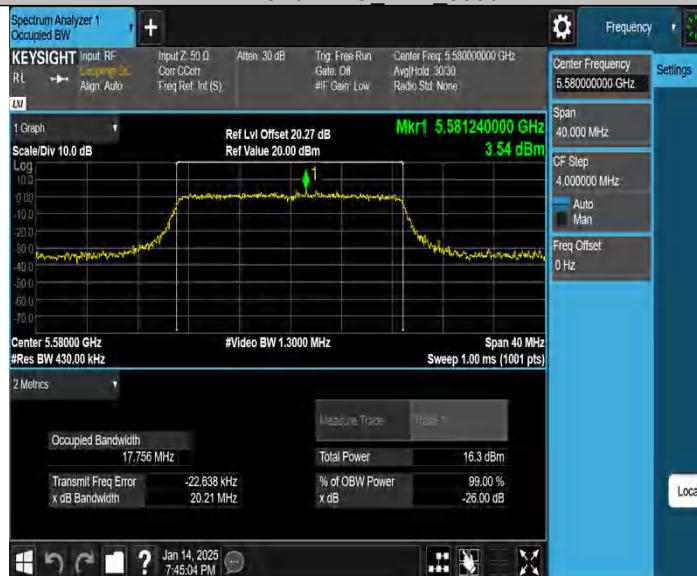
11AC20MIMO_Ant1_5320



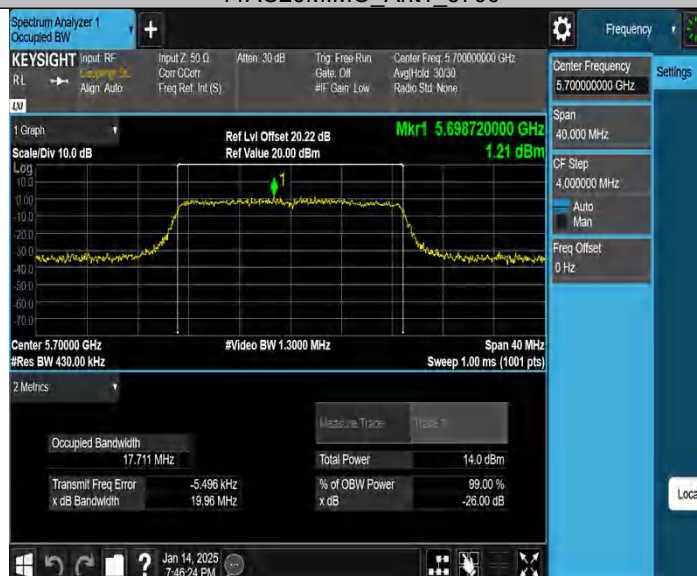
11AC20MIMO_Ant1_5500



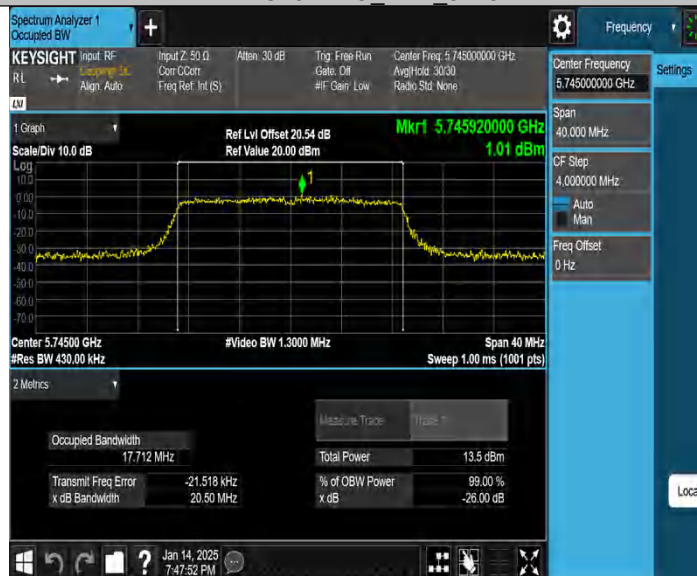
11AC20MIMO_Ant1_5580



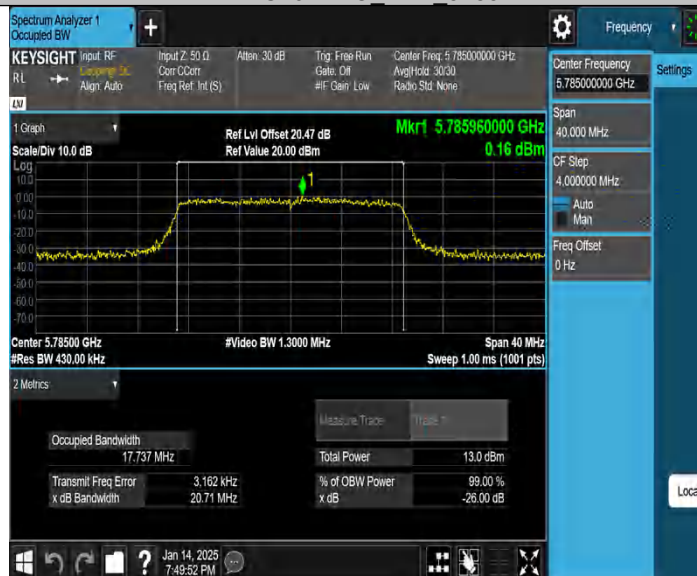
11AC20MIMO_Ant1_5700



11AC20MIMO_Ant1_5745



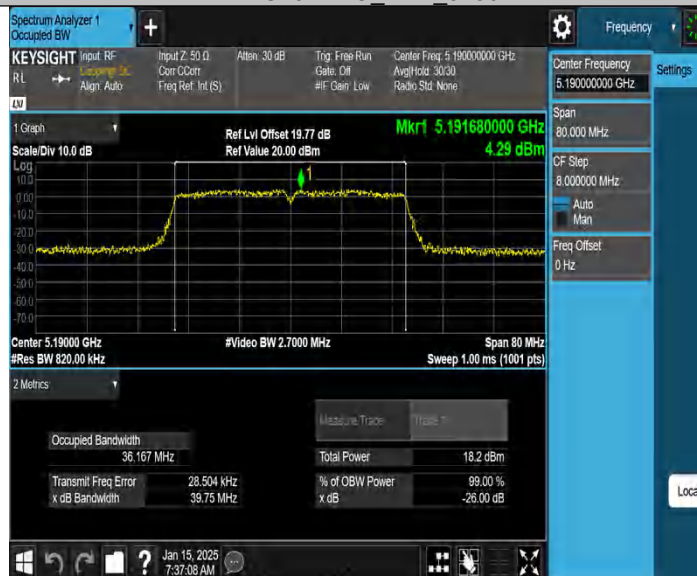
11AC20MIMO_Ant1_5785



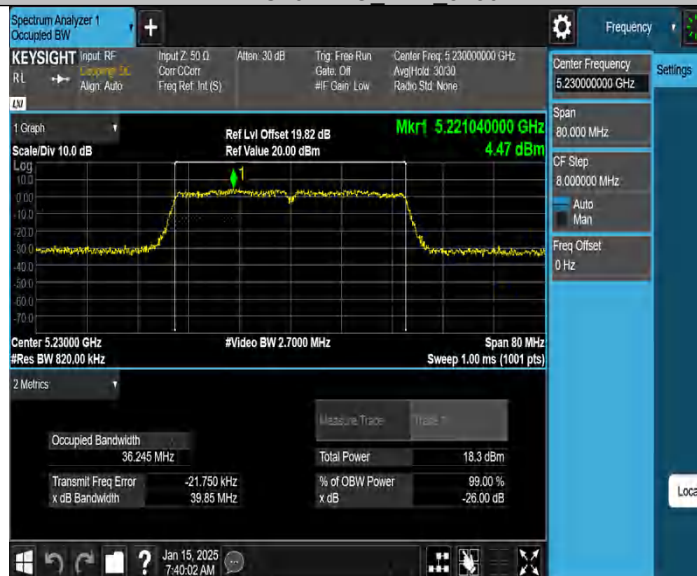
11AC20MIMO_Ant1_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant1_5230



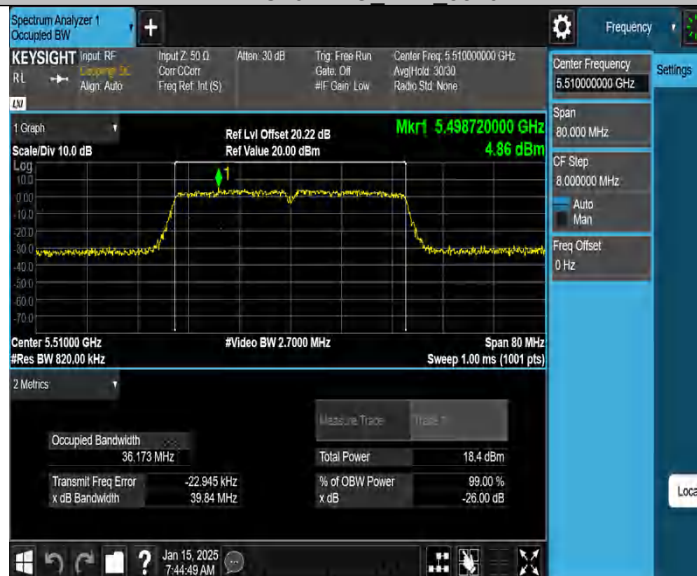
11AC40MIMO_Ant1_5270



11AC40MIMO_Ant1_5310



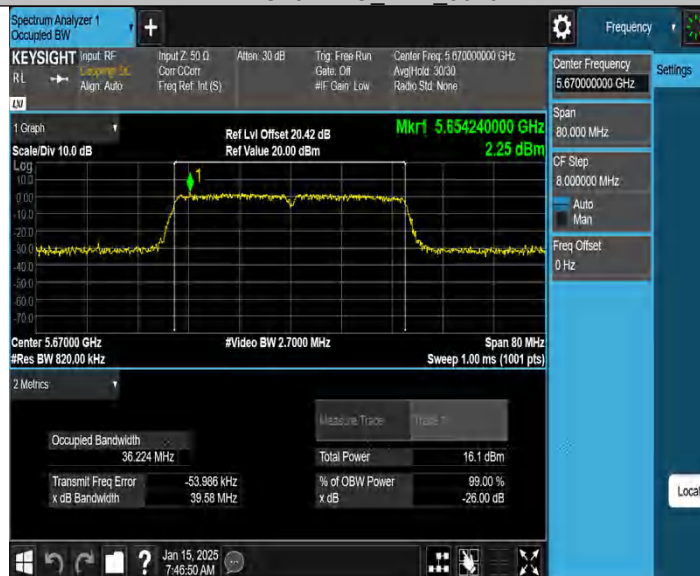
11AC40MIMO_Ant1_5510



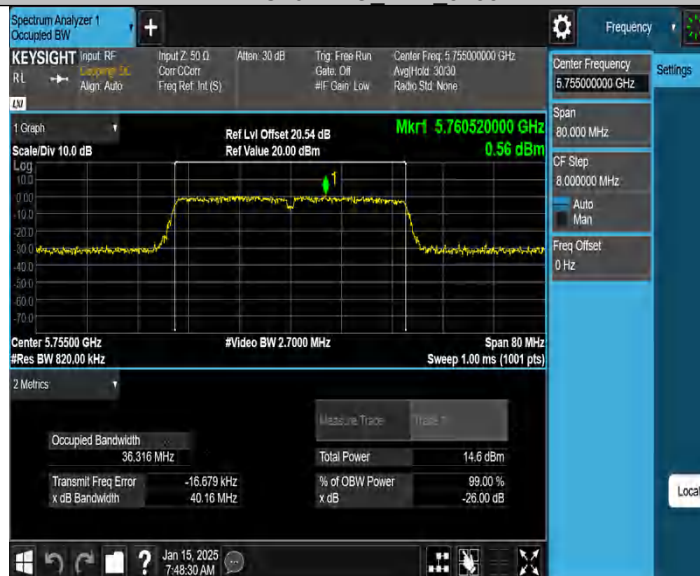
11AC40MIMO_Ant1_5550



11AC40MIMO_Ant1_5670



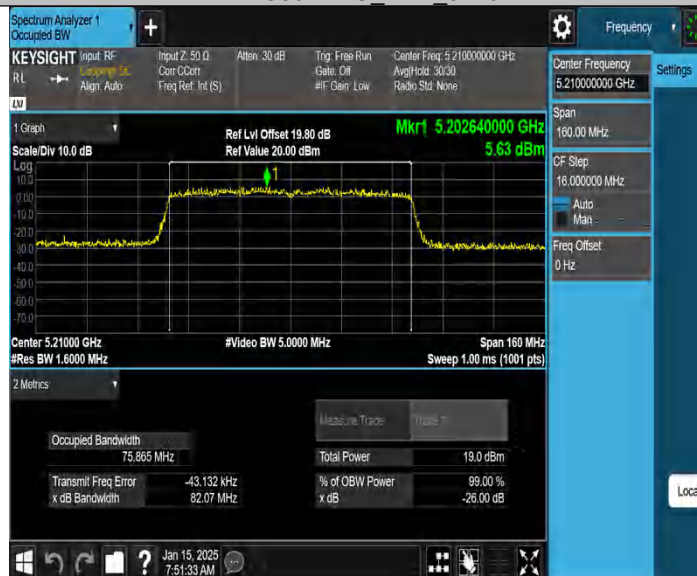
11AC40MIMO_Ant1_5755



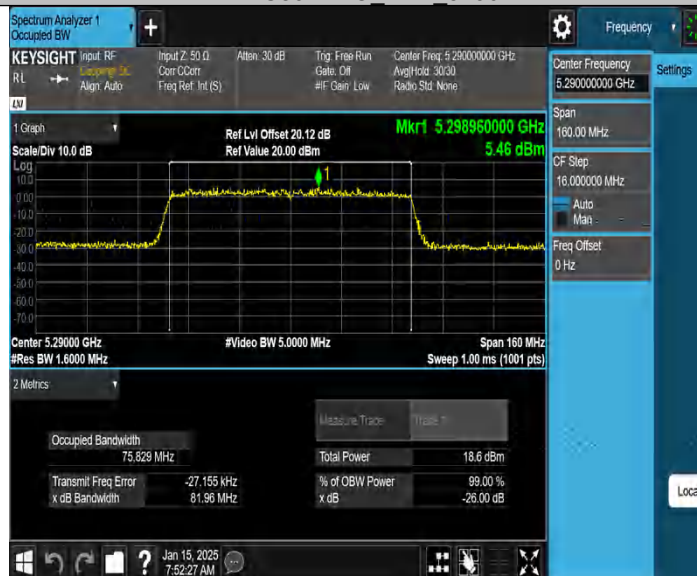
11AC40MIMO_Ant1_5795



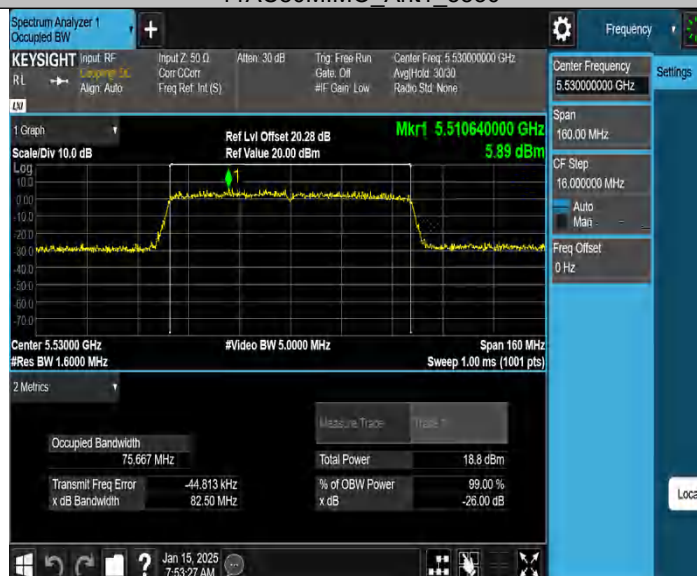
11AC80MIMO_Ant1_5210



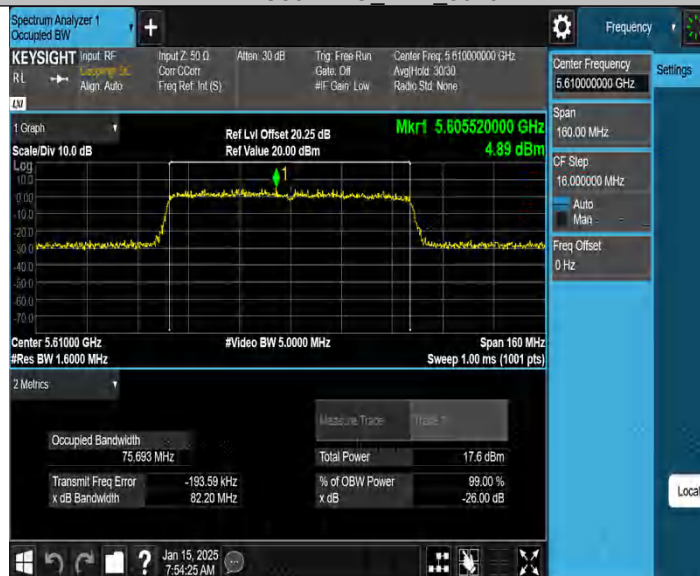
11AC80MIMO_Ant1_5290



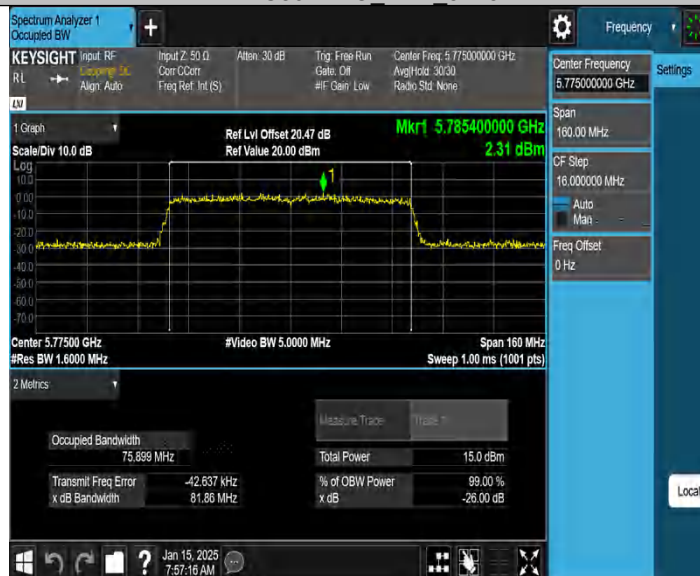
11AC80MIMO_Ant1_5530



11AC80MIMO_Ant1_5610



11AC80MIMO_Ant1_5775



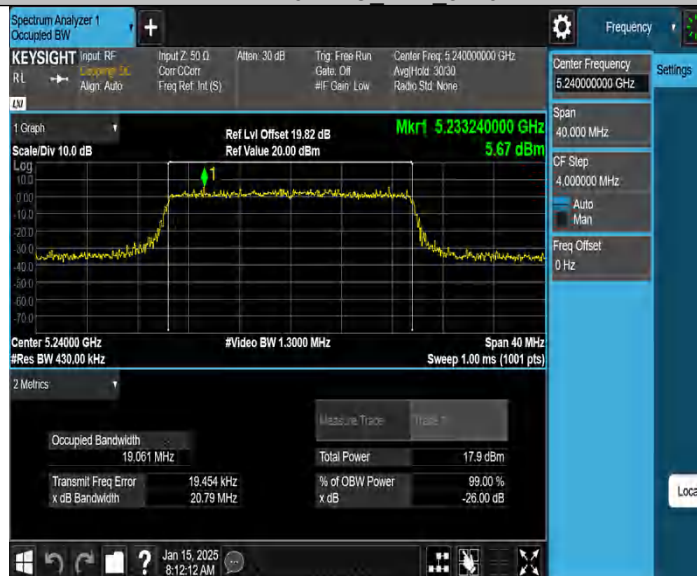
11AX20MIMO_Ant1_5180



11AX20MIMO_Ant1_5200



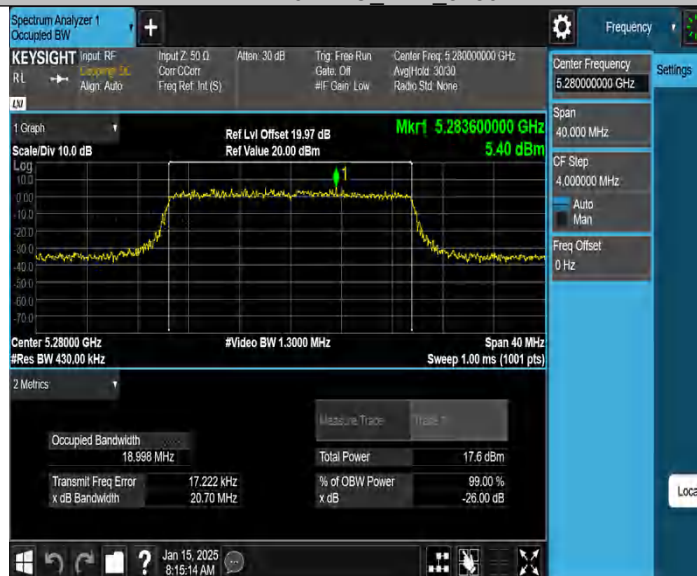
11AX20MIMO_Ant1_5240



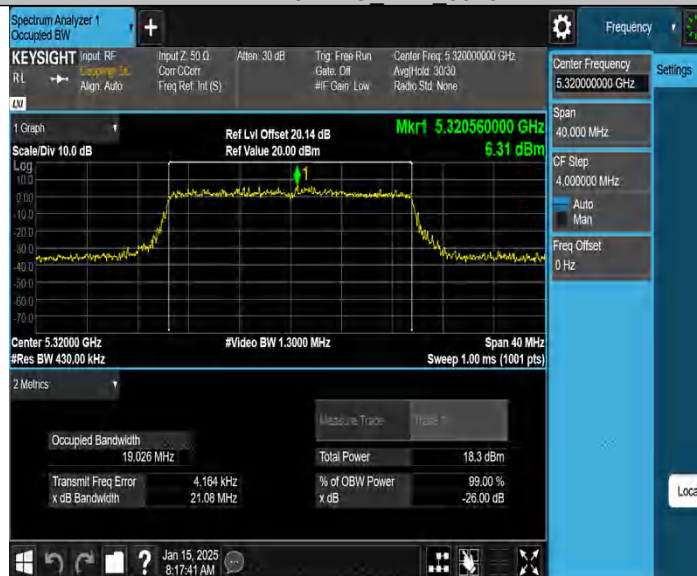
11AX20MIMO_Ant1_5260



11AX20MIMO_Ant1_5280



11AX20MIMO_Ant1_5320



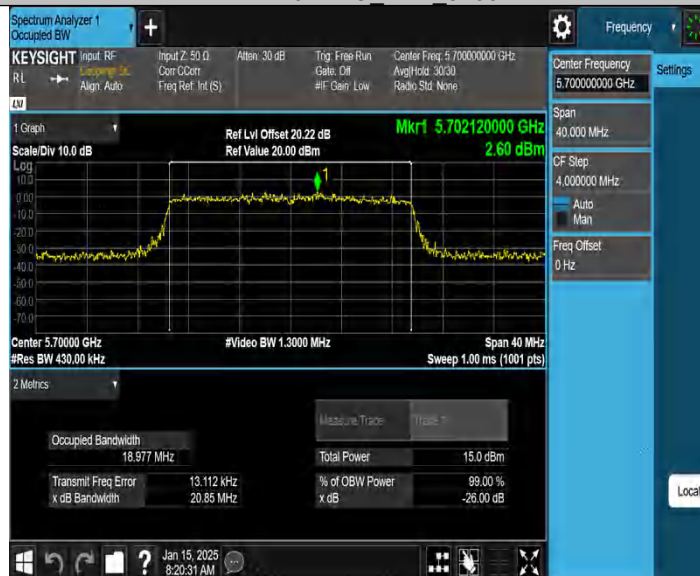
11AX20MIMO_Ant1_5500



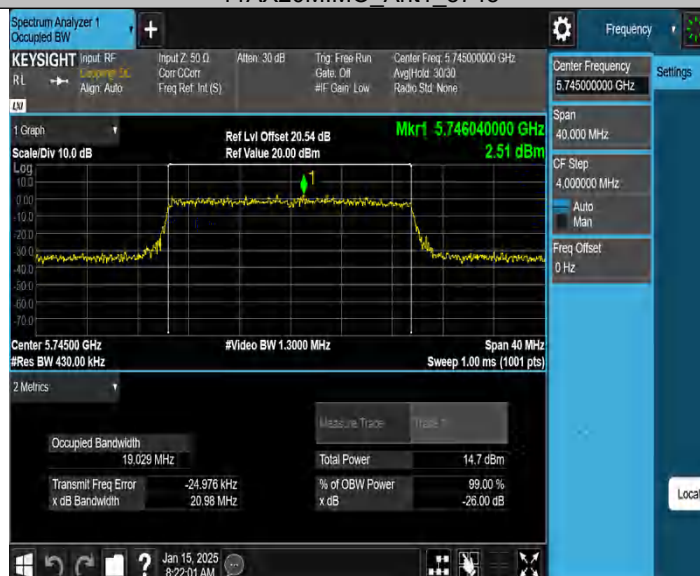
11AX20MIMO_Ant1_5580



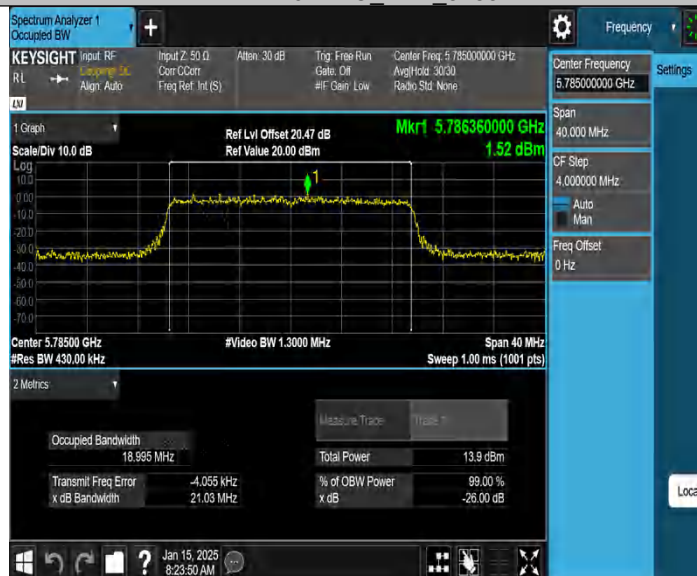
11AX20MIMO_Ant1_5700



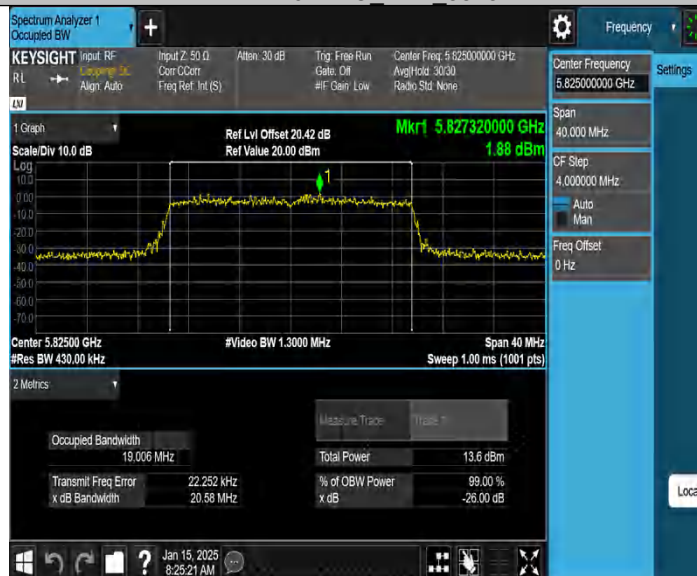
11AX20MIMO_Ant1_5745



11AX20MIMO_Ant1_5785



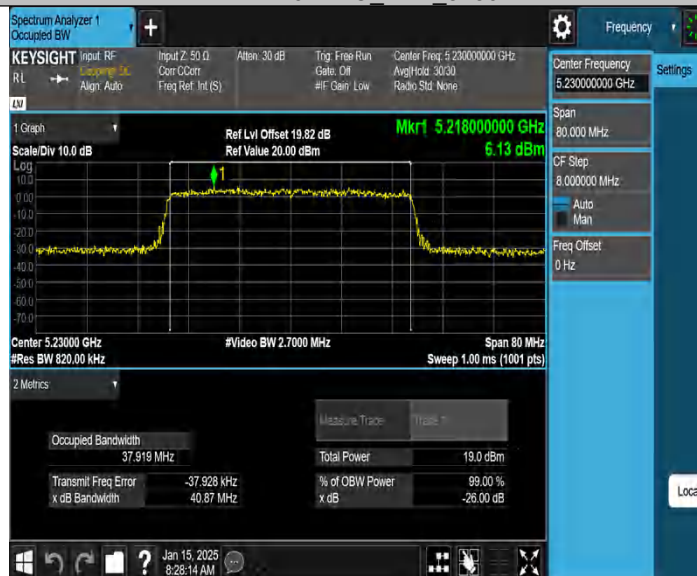
11AX20MIMO_Ant1_5825



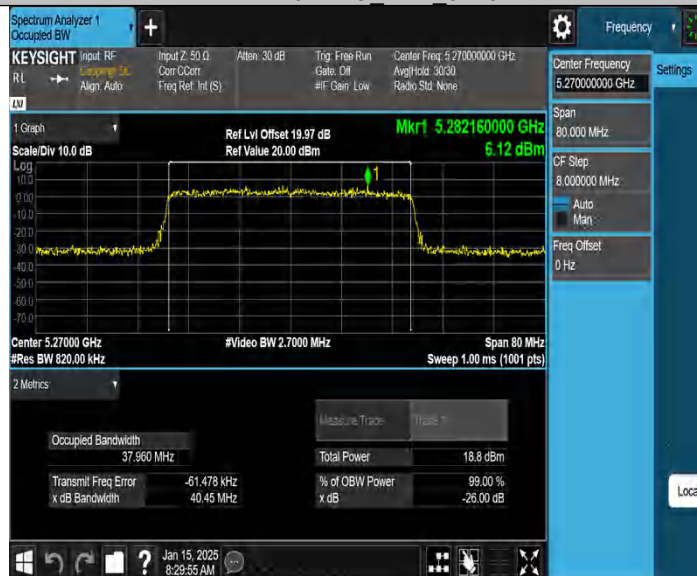
11AX40MIMO_Ant1_5190



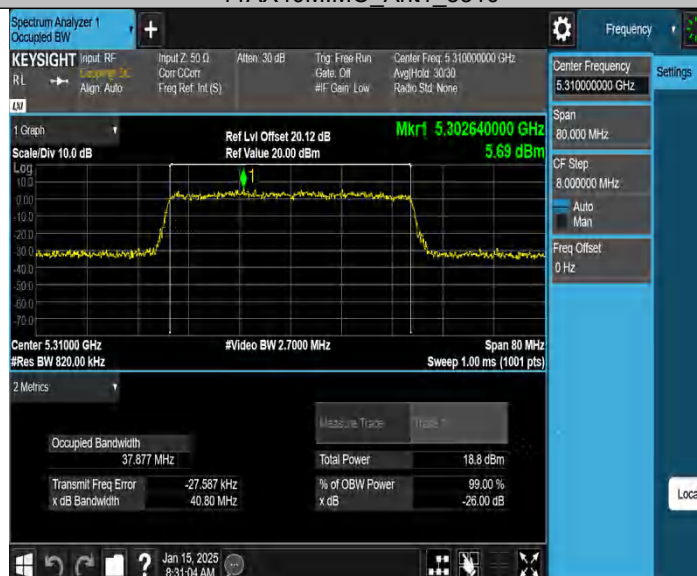
11AX40MIMO_Ant1_5230



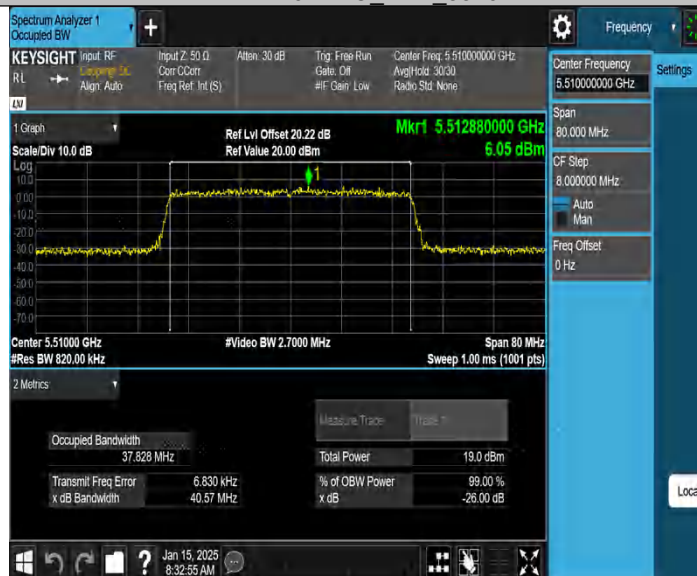
11AX40MIMO_Ant1_5270



11AX40MIMO_Ant1_5310



11AX40MIMO_Ant1_5510



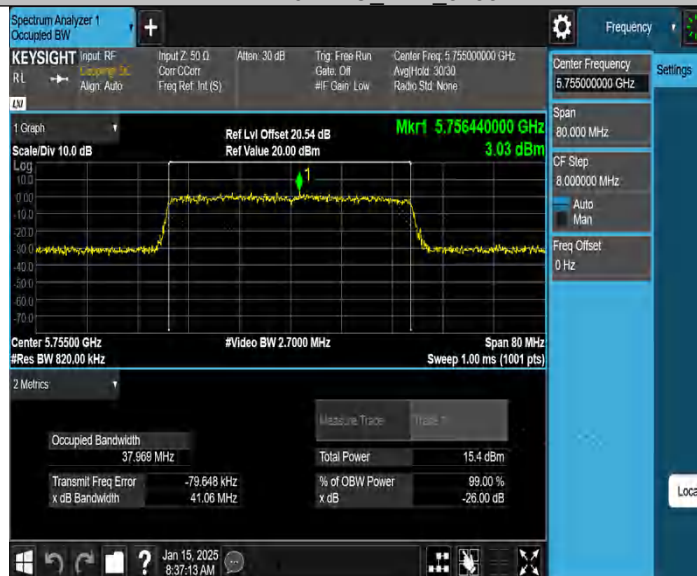
11AX40MIMO_Ant1_5550



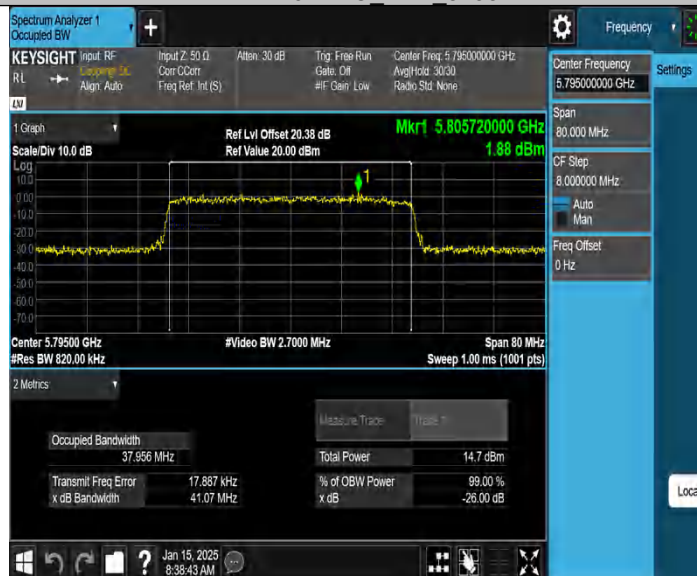
11AX40MIMO_Ant1_5670



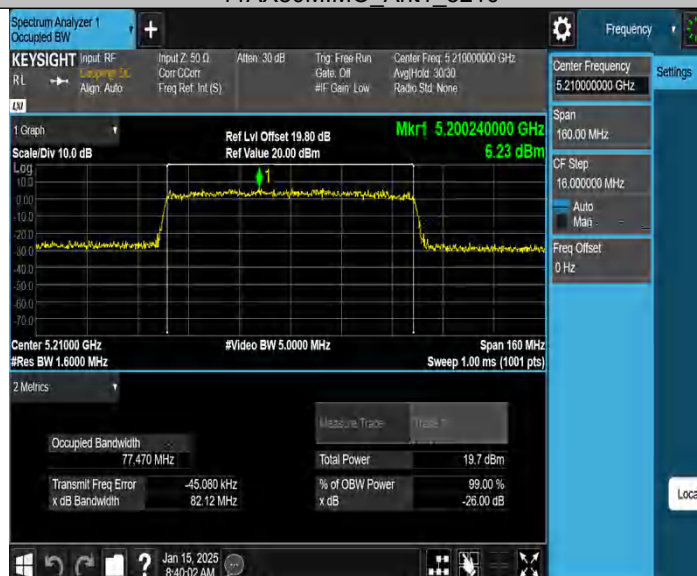
11AX40MIMO_Ant1_5755



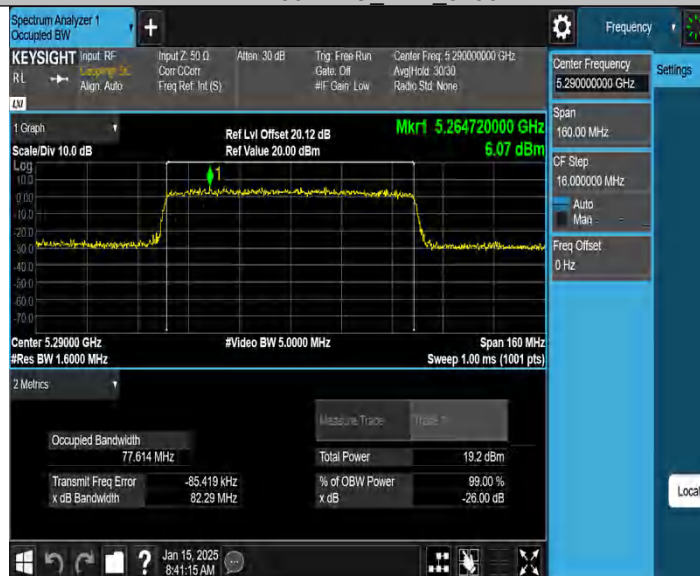
11AX40MIMO_Ant1_5795



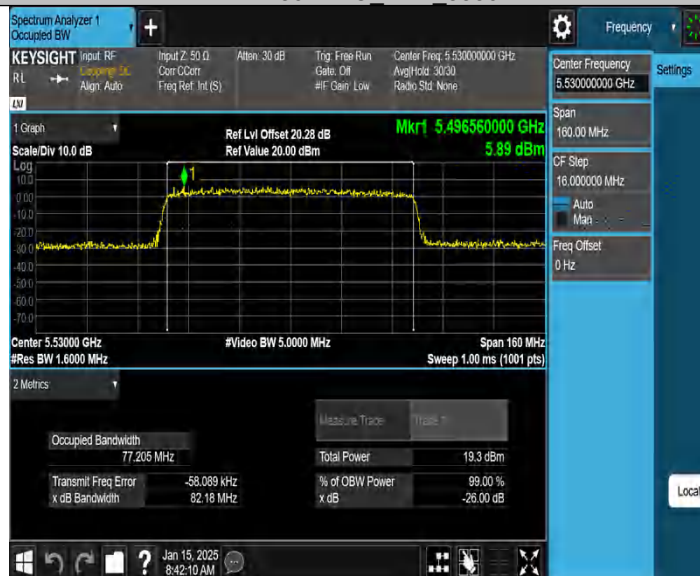
11AX80MIMO_Ant1_5210



11AX80MIMO_Ant1_5290

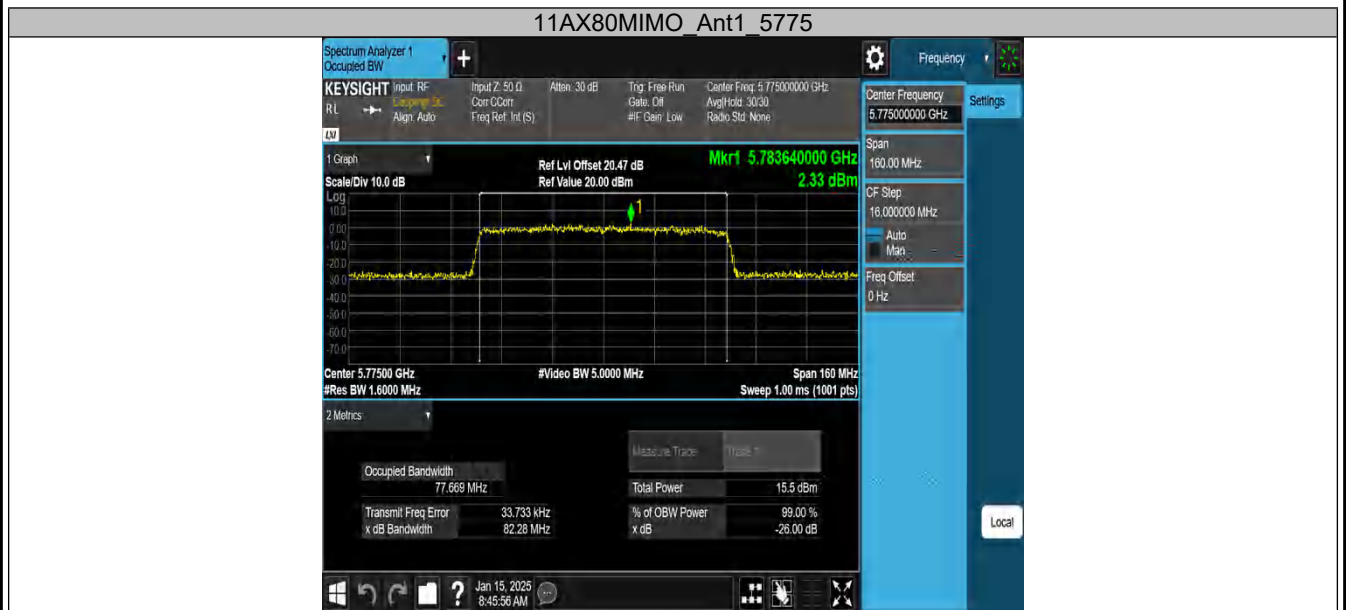


11AX80MIMO_Ant1_5530



11AX80MIMO_Ant1_5610





Appendix A.6: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.280	5736.840	5753.120	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	15.520	5817.240	5832.760	0.5	PASS
11N20MIMO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.160	5776.240	5793.400	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40MIMO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20MIMO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	16.680	5816.480	5833.160	0.5	PASS
11AC40MIMO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	35.680	5776.840	5812.520	0.5	PASS
11AC80MIMO	Ant1	5775	75.520	5737.080	5812.600	0.5	PASS
11AX20MIMO	Ant1	5745	18.840	5735.560	5754.400	0.5	PASS
		5785	18.800	5775.520	5794.320	0.5	PASS
		5825	18.800	5815.520	5834.320	0.5	PASS
11AX40MIMO	Ant1	5755	37.840	5736.120	5773.960	0.5	PASS
		5795	37.200	5776.120	5813.320	0.5	PASS
11AX80MIMO	Ant1	5775	77.760	5735.960	5813.720	0.5	PASS

Test Graphs

11A-CDD_Ant1_5745



11A-CDD_Ant1_5785



11A-CDD_Ant1_5825



11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



11N20MIMO Ant1 5825



11N40MIMO_Ant1_5755



11N40MIMO_Ant1_5795



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant1_5825



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795



11AC80MIMO_Ant1_5775



11AX20MIMO_Ant1_5745



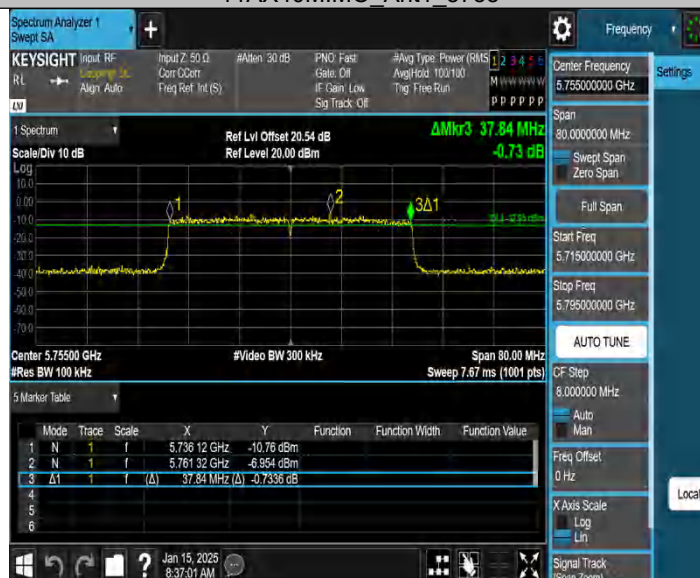
11AX20MIMO_Ant1_5785



11AX20MIMO_Ant1_5825



11AX40MIMO_Ant1_5755



11AX40MIMO_Ant1_5795



11AX80MIMO_Ant1_5775



Appendix A.7: Test Results of Radiated Spurious Emissions

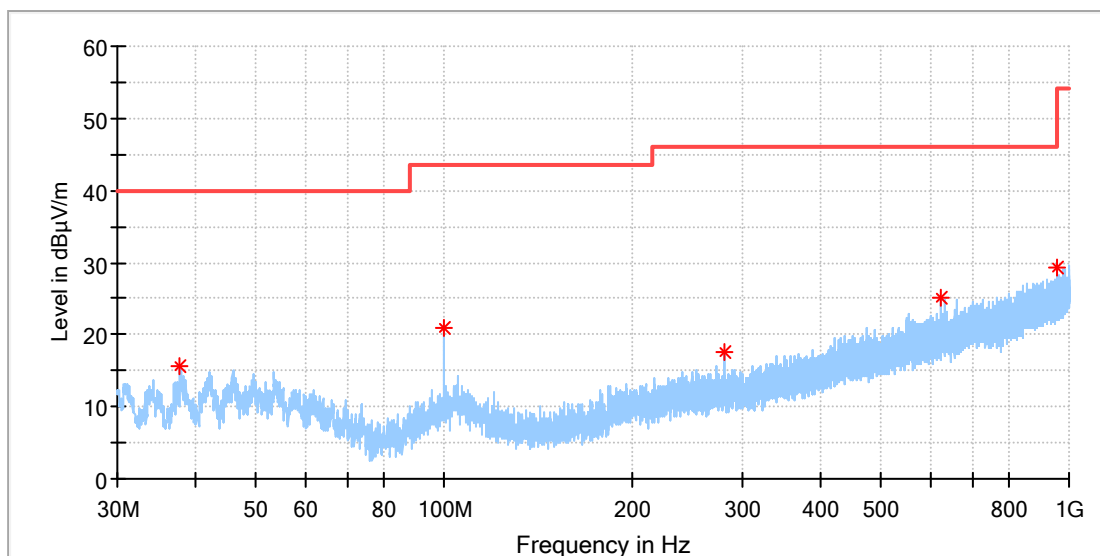
Note:

- 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:	Digital Cockpit Head Unit
Model:	DHU2.5_A
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168516757/A003881754-002
Test Voltage:	DC 12V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

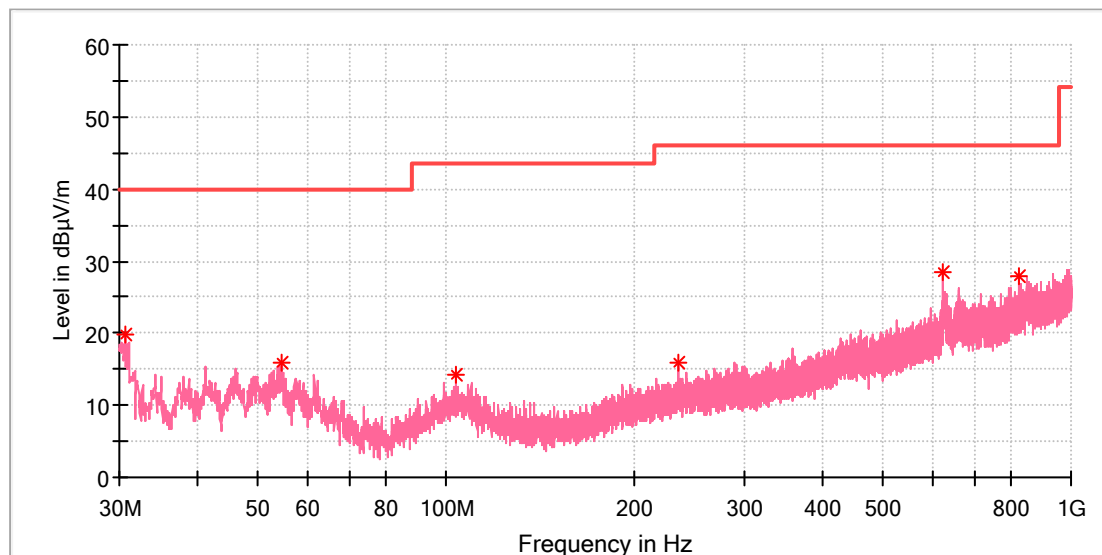
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.834615	15.52	40.00	24.48	100.0	H	101.0	-20.9
100.063846	20.82	43.50	22.68	100.0	H	30.0	-19.1
280.745000	17.59	46.00	28.41	100.0	H	274.0	-16.7
625.020385	25.21	46.00	20.79	100.0	H	254.0	-9.2
958.215385	29.44	46.00	16.56	100.0	H	237.0	-4.2

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
 Model: DHU2.5_A
 Test Mode: WIFI 5G_11a_Ch48
 Order No/Sample No: 168516757/A003881754-002
 Test Voltage: DC 12V From DC Source
 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)
30.671539	19.68	40.00	20.32	100.0	V	349.0	-22.9
54.660385	16.03	40.00	23.97	100.0	V	312.0	-18.5
103.981154	14.13	43.50	29.37	100.0	V	28.0	-18.9
234.856539	15.94	46.00	30.06	100.0	V	50.0	-17.9
625.020385	28.50	46.00	17.50	100.0	V	214.0	-9.2
827.004231	27.78	46.00	18.22	100.0	V	146.0	-5.7

Final Result

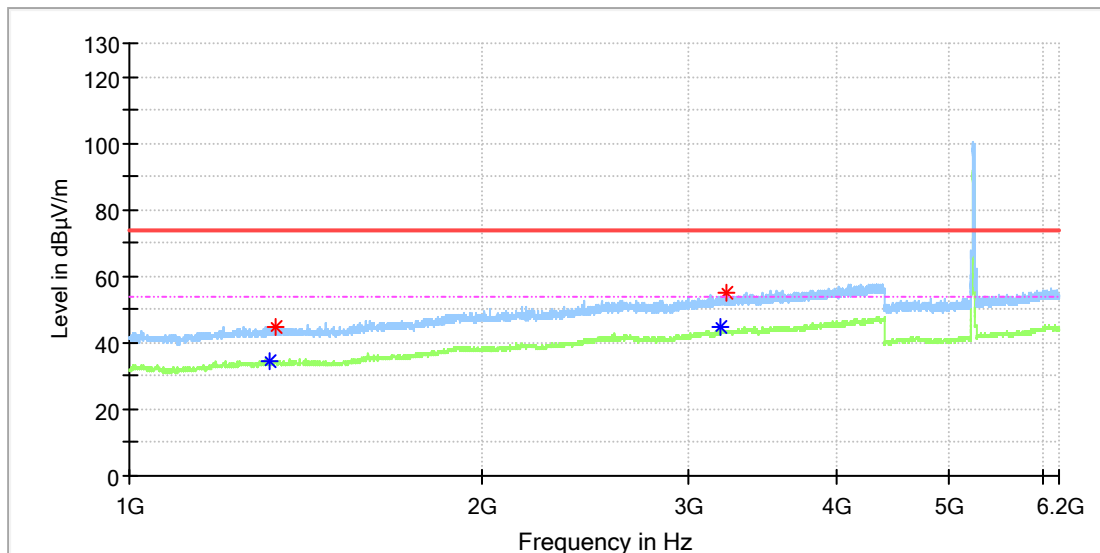
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

EUT Information

EUT Name:	Digital Cockpit Head Unit
Model:	DHU2.5_A
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168516757/A003881754-002
Test Voltage:	DC 12V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

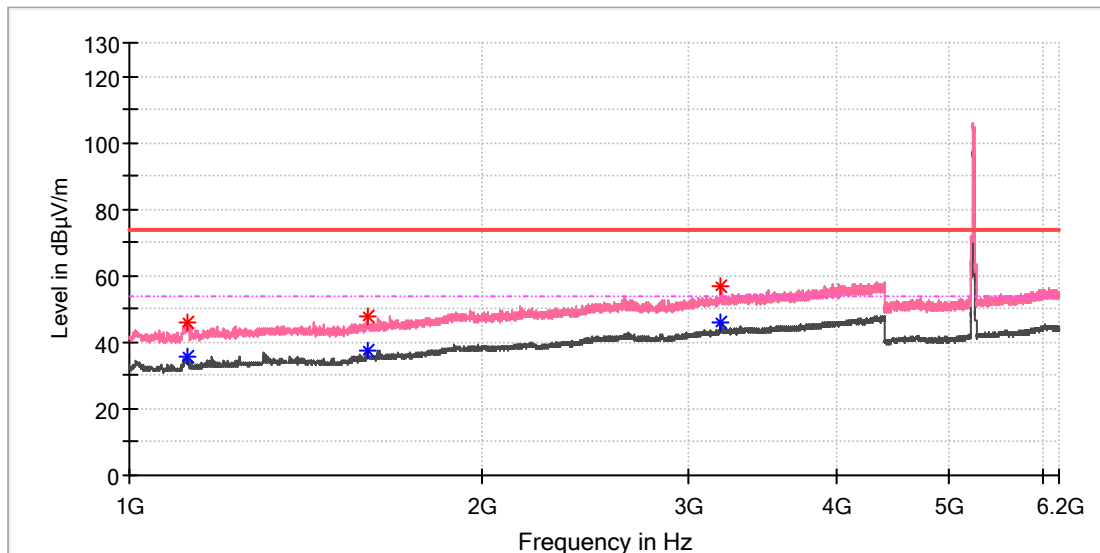
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1319.000000	---	34.57	54.00	19.43	150.0	H	328.0	2.9
1331.000000	44.93	---	74.00	29.07	150.0	H	0.0	3.0
3192.000000	---	44.45	54.00	9.55	150.0	H	179.0	10.7
3225.000000	54.77	---	74.00	19.23	150.0	H	179.0	10.8

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

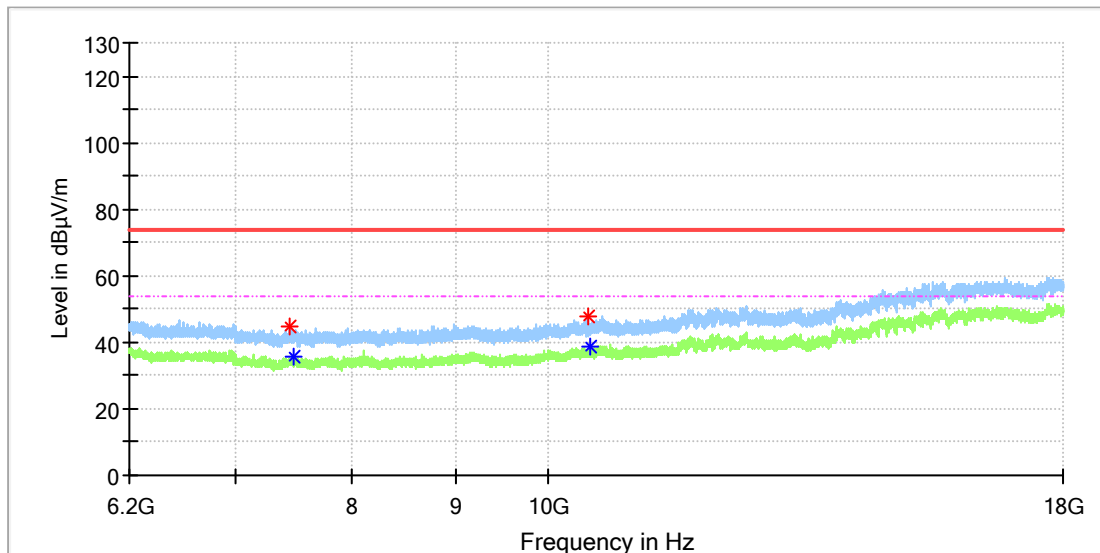
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1120.000000	45.83	---	74.00	28.17	150.0	V	271.0	0.8
1120.000000	---	35.40	54.00	18.60	150.0	V	271.0	0.8
1596.500000	47.94	---	74.00	26.06	150.0	V	264.0	3.8
1598.000000	---	37.52	54.00	16.48	150.0	V	264.0	3.8
3196.000000	56.73	---	74.00	17.27	150.0	V	291.0	10.8
3196.000000	---	46.14	54.00	7.86	150.0	V	291.0	10.8

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

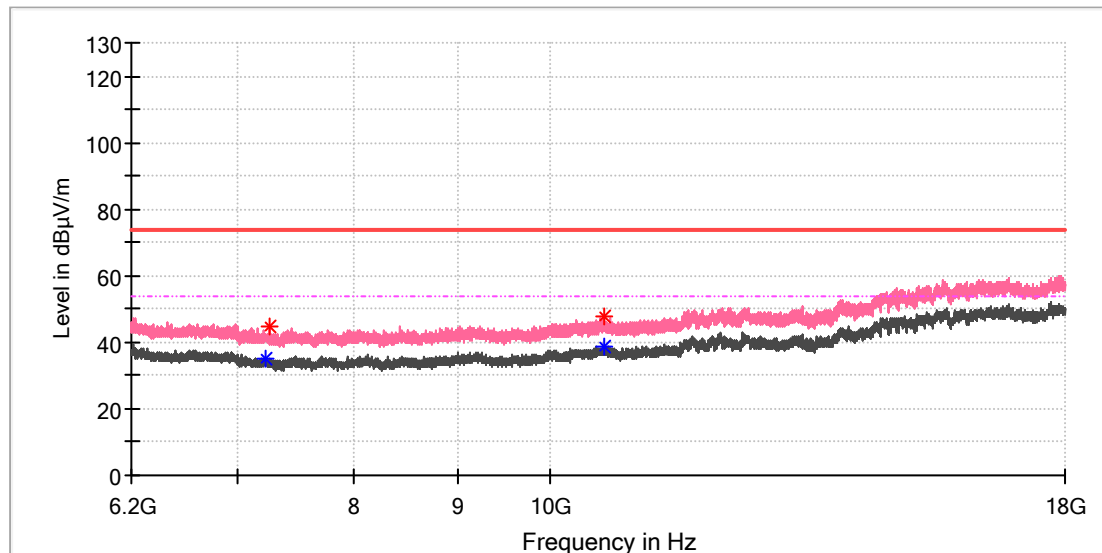
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7448.833333	44.61	---	74.00	29.39	150.0	H	258.0	8.5
7473.908333	---	35.62	54.00	18.38	150.0	H	280.0	8.6
10477.008333	47.55	---	74.00	26.45	150.0	H	226.0	12.0
10499.133333	---	38.89	54.00	15.11	150.0	H	191.0	12.0

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

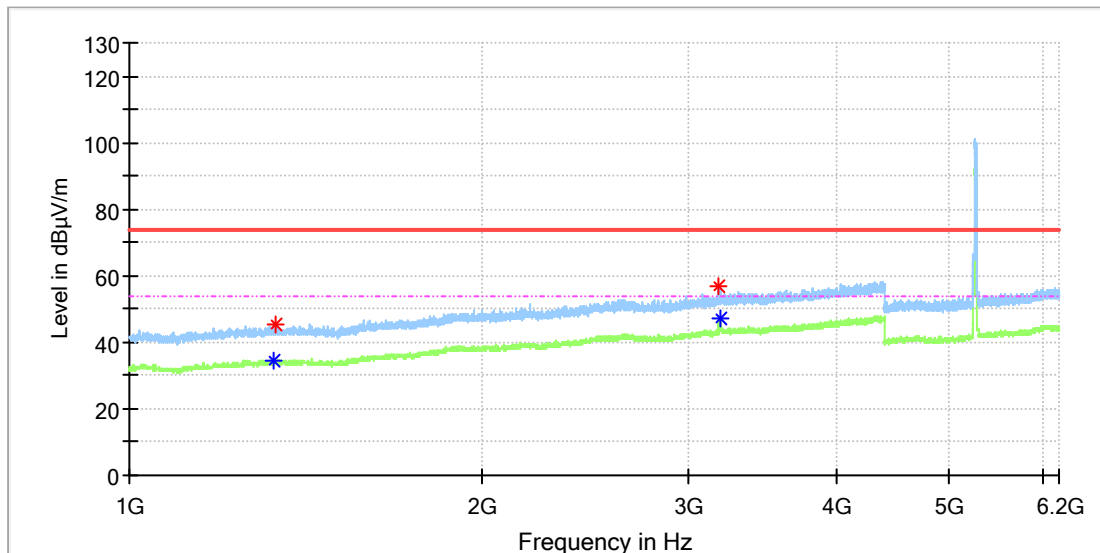
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7222.175000	---	35.34	54.00	18.66	150.0	V	0.0	8.7
7264.458333	44.56	---	74.00	29.44	150.0	V	0.0	8.5
10629.425000	47.98	---	74.00	26.02	150.0	V	248.0	12.0
10641.225000	---	38.48	54.00	15.52	150.0	V	217.0	12.0

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch52
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

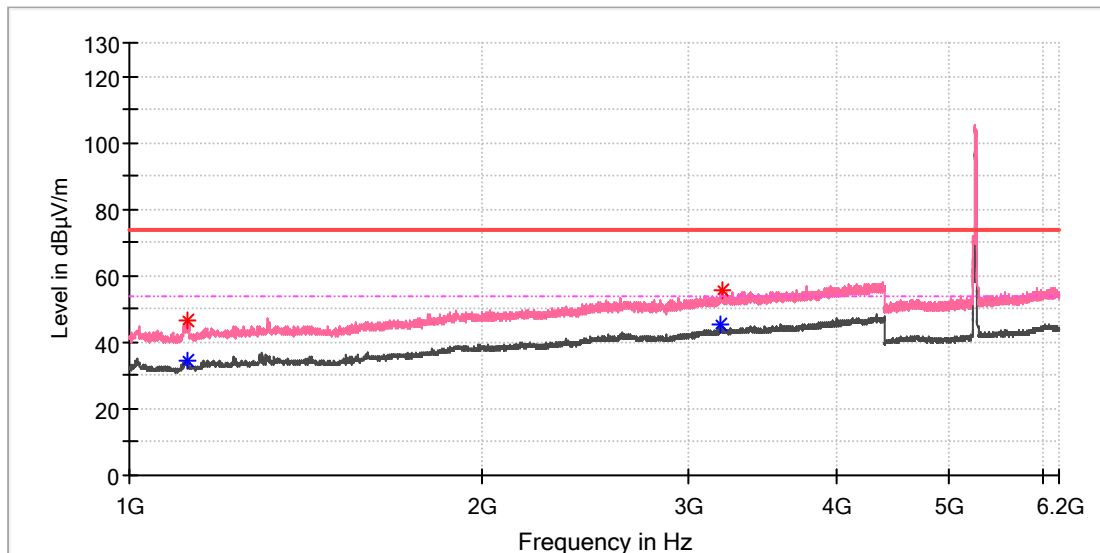
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1328.500000	---	34.63	54.00	19.37	150.0	H	286.0	3.0
1332.500000	45.28	---	74.00	28.72	150.0	H	247.0	3.0
3183.000000	57.04	---	74.00	16.96	150.0	H	345.0	10.7
3187.500000	---	46.99	54.00	7.01	150.0	H	345.0	10.7

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch52
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

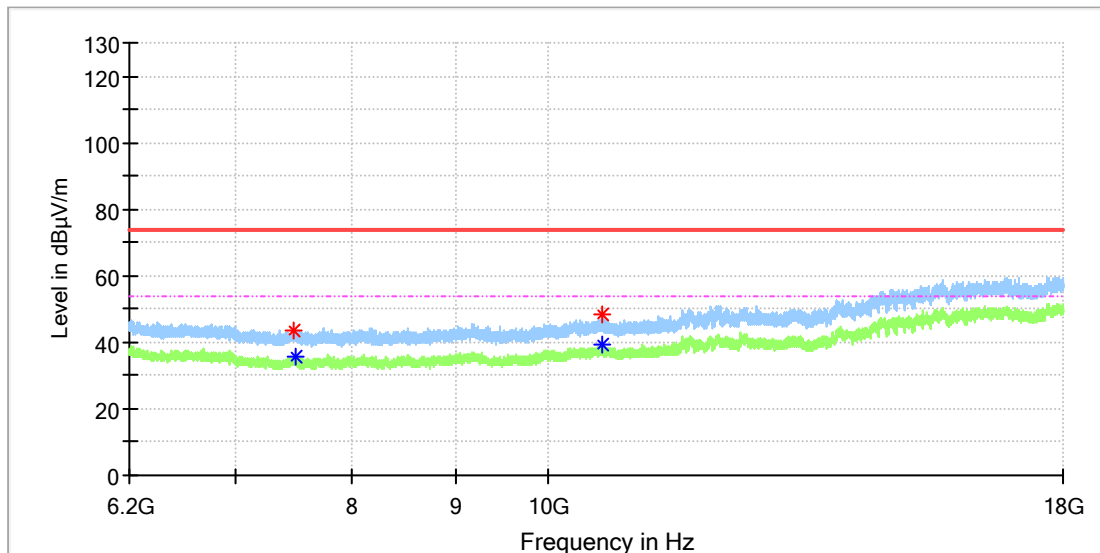
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1121.000000	46.72	---	74.00	27.28	150.0	V	268.0	0.9
1121.000000	---	34.65	54.00	19.35	150.0	V	268.0	0.9
3189.000000	---	45.40	54.00	8.60	150.0	V	254.0	10.7
3200.500000	55.81	---	74.00	18.19	150.0	V	248.0	10.8

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch52
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

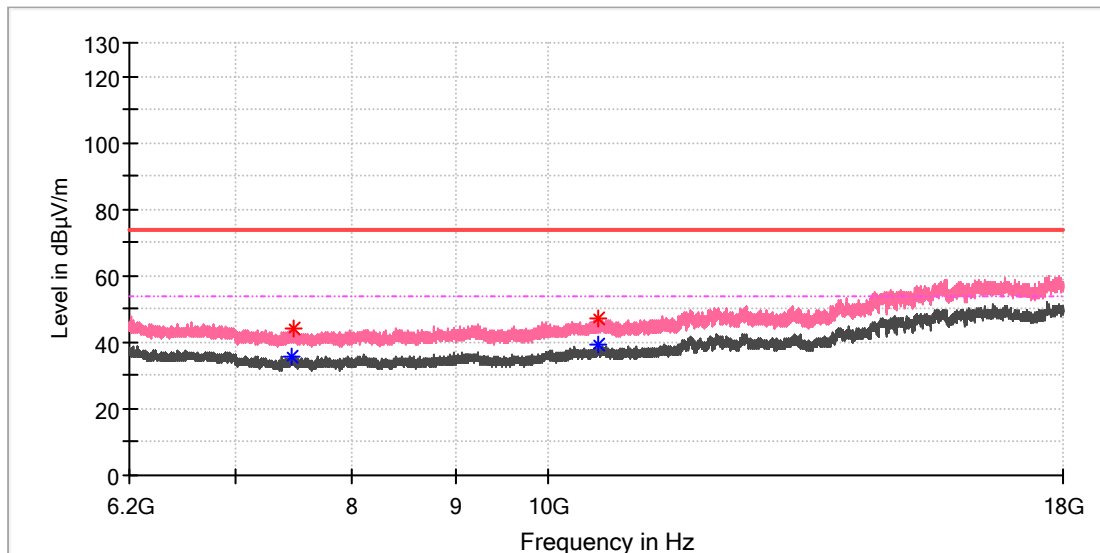
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7475.875000	43.82	---	74.00	30.18	150.0	H	74.0	8.6
7493.575000	---	35.46	54.00	18.54	150.0	H	325.0	8.7
10630.408333	48.07	---	74.00	25.93	150.0	H	271.0	12.0
10632.866667	---	39.22	54.00	14.78	150.0	H	176.0	12.0

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch52
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

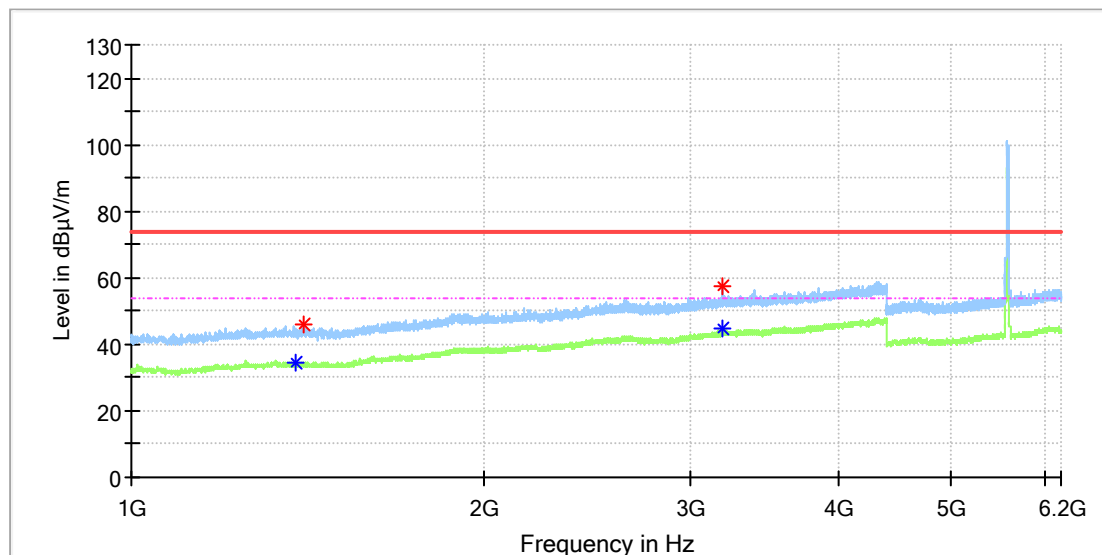
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7461.125000	---	35.67	54.00	18.33	150.0	V	342.0	8.5
7485.216667	44.19	---	74.00	29.81	150.0	V	41.0	8.7
10592.550000	---	39.10	54.00	14.90	150.0	V	62.0	12.1
10594.025000	47.33	---	74.00	26.67	150.0	V	317.0	12.1

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
 Model: DHU2.5_A
 Test Mode: WIFI 5G_11a_Ch116
 Order No/Sample No: 168516757/A003881754-002
 Test Voltage: DC 12V From DC Source
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

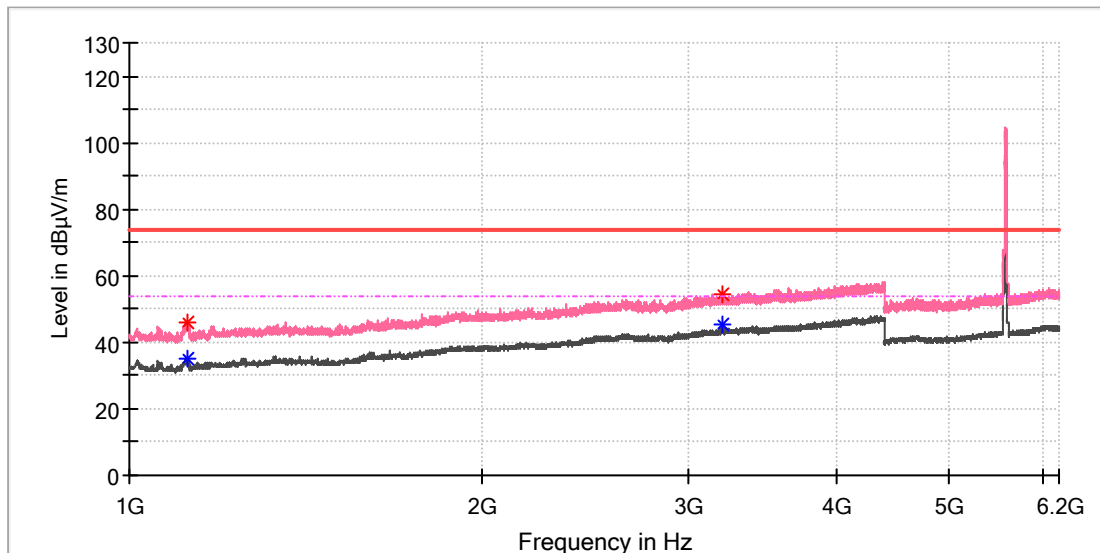
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1381.500000	---	34.65	54.00	19.36	150.0	H	321.0	3.0
1403.500000	45.73	---	74.00	28.27	150.0	H	223.0	3.0
3194.500000	57.40	---	74.00	16.60	150.0	H	10.0	10.8
3194.500000	---	44.84	54.00	9.16	150.0	H	10.0	10.8

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch116
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

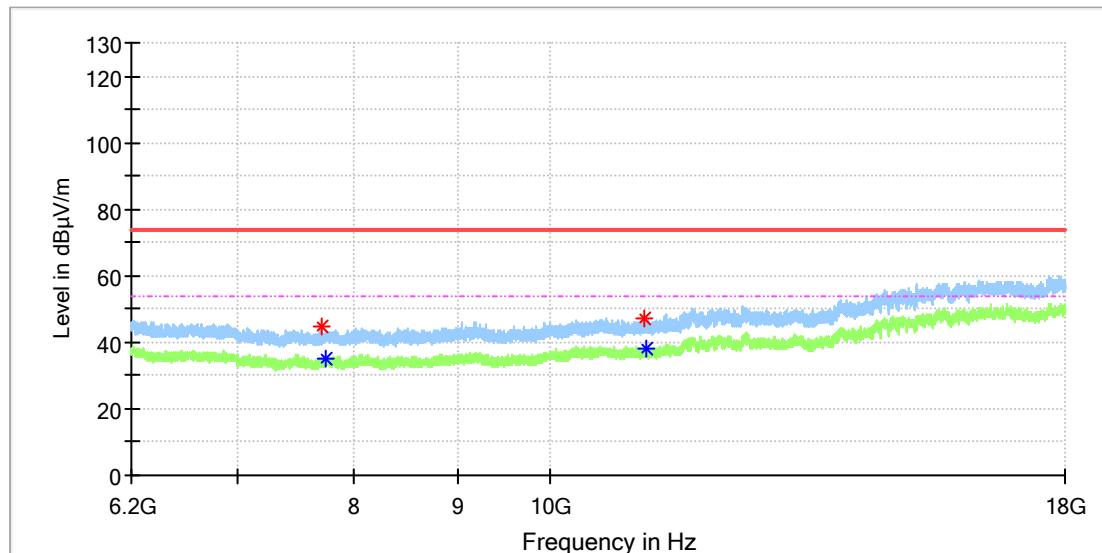
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1119.000000	45.79	---	74.00	28.21	150.0	V	276.0	0.8
1122.000000	---	34.98	54.00	19.02	150.0	V	269.0	0.9
3197.000000	---	45.52	54.00	8.48	150.0	V	61.0	10.8
3206.000000	54.21	---	74.00	19.79	150.0	V	246.0	10.8

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch116
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

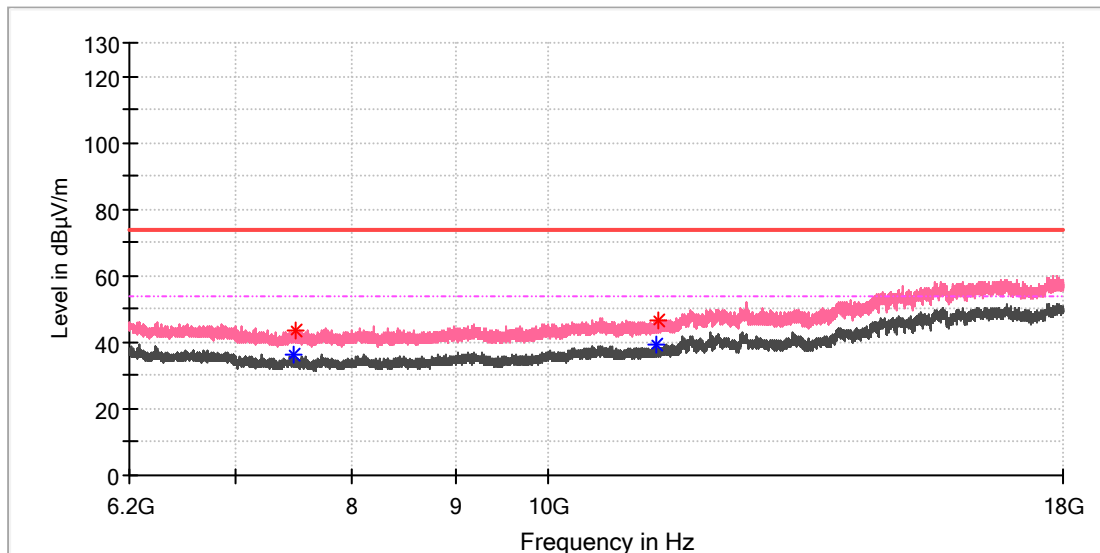
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7712.858333	44.72	---	74.00	29.28	150.0	H	42.0	8.7
7743.341667	---	35.35	54.00	18.65	150.0	H	330.0	8.8
11139.775000	47.21	---	74.00	26.79	150.0	H	352.0	12.5
11156.000000	---	38.21	54.00	15.79	150.0	H	191.0	12.5

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch116
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

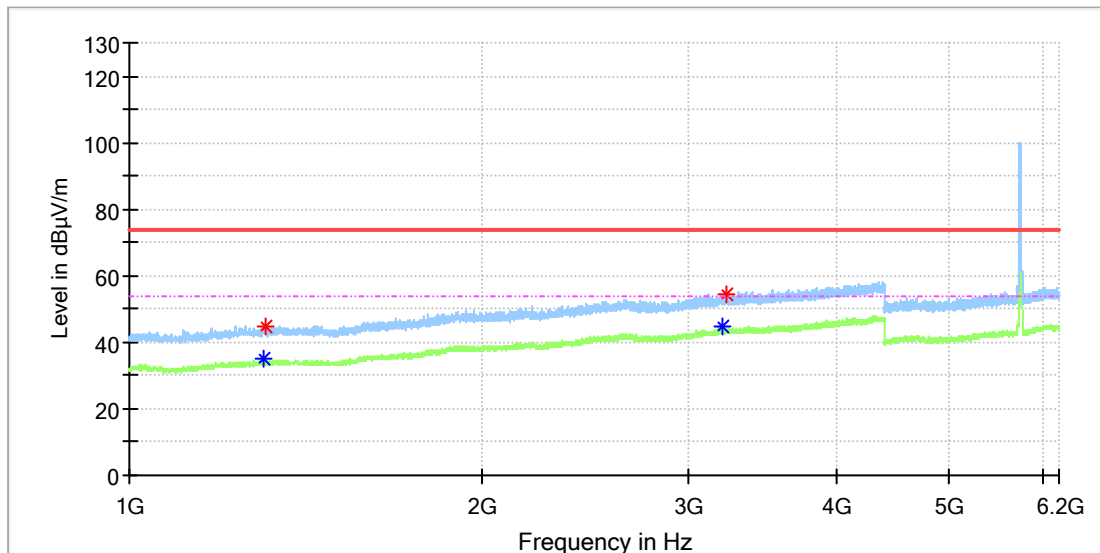
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7483.250000	---	36.30	54.00	17.70	150.0	V	129.0	8.7
7492.591667	43.66	---	74.00	30.34	150.0	V	206.0	8.7
11308.416667	---	39.42	54.00	14.58	150.0	V	59.0	12.5
11341.850000	46.78	---	74.00	27.22	150.0	V	162.0	12.5

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

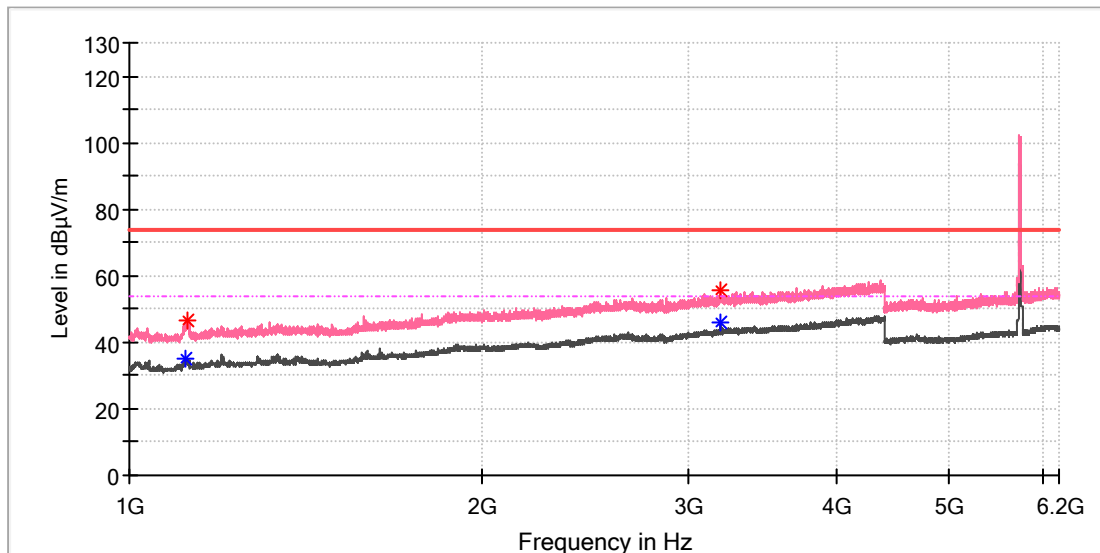
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1299.500000	---	35.12	54.00	18.88	150.0	H	223.0	2.7
1308.500000	44.73	---	74.00	29.27	150.0	H	306.0	2.8
3197.500000	---	44.48	54.00	9.52	150.0	H	301.0	10.8
3225.500000	54.67	---	74.00	19.33	150.0	H	331.0	10.8

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

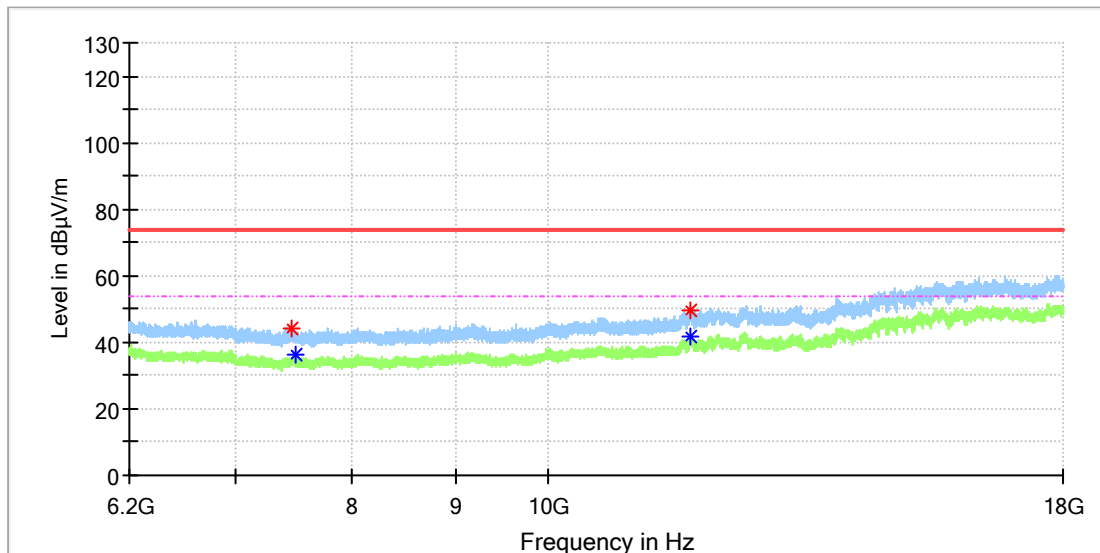
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.500000	---	35.34	54.00	18.66	150.0	V	260.0	0.8
1121.500000	46.55	---	74.00	27.45	150.0	V	260.0	0.9
3189.500000	55.57	---	74.00	18.43	150.0	V	114.0	10.7
3191.000000	---	46.01	54.00	7.99	150.0	V	114.0	10.7

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

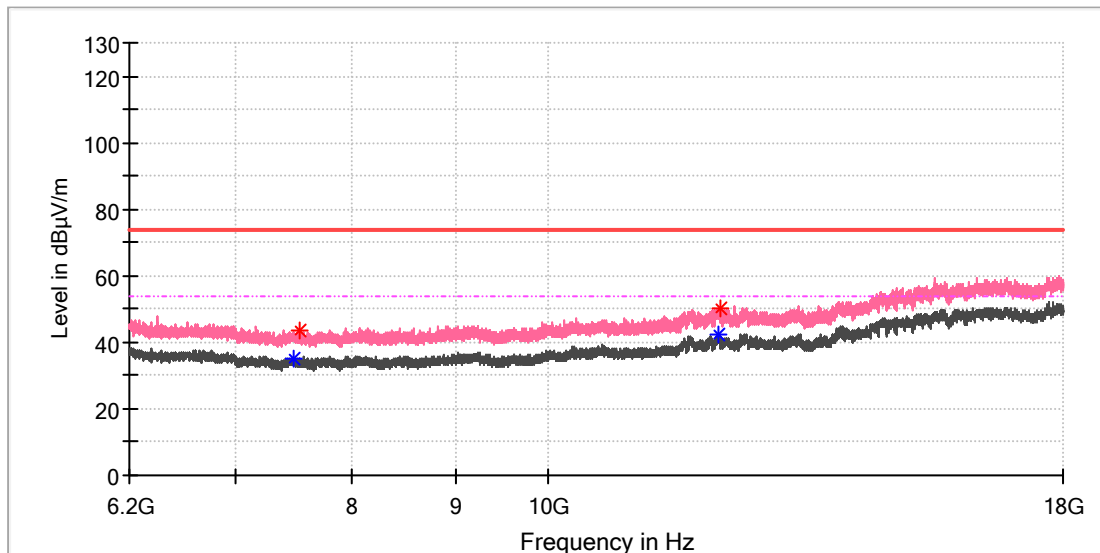
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7464.566667	43.95	---	74.00	30.05	150.0	H	100.0	8.6
7500.458333	---	36.03	54.00	17.97	150.0	H	0.0	8.7
11771.566667	49.72	---	74.00	24.28	150.0	H	359.0	15.2
11772.550000	---	41.66	54.00	12.34	150.0	H	353.0	15.2

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
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)
7485.708333	---	35.14	54.00	18.86	150.0	V	96.0	8.7
7523.566667	43.41	---	74.00	30.59	150.0	V	40.0	8.7
12134.908333	---	42.38	54.00	11.62	150.0	V	187.0	16.3
12161.458333	49.93	---	74.00	24.07	150.0	V	211.0	16.1

Final_Result

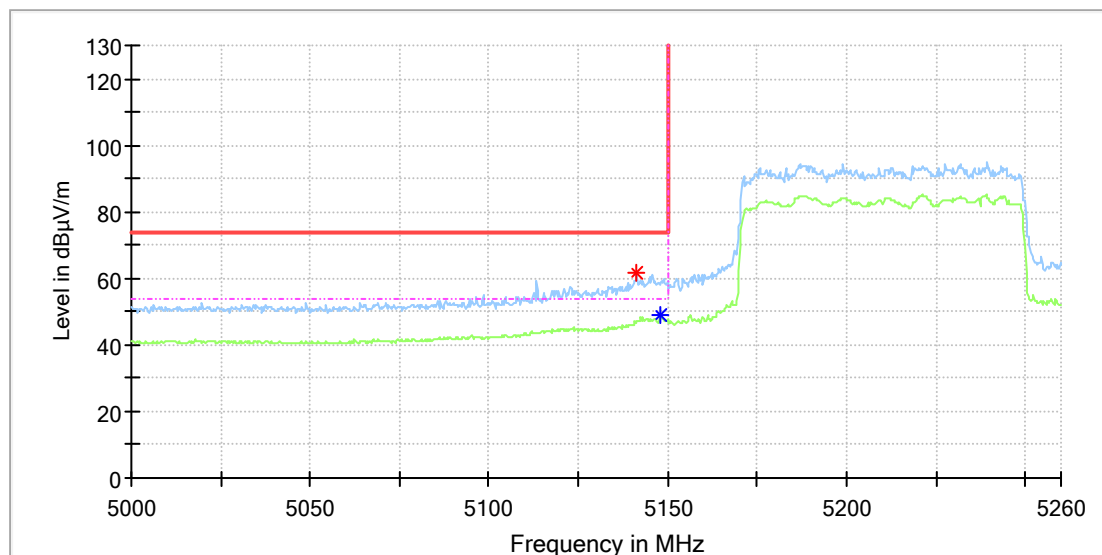
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

Note: The test were performed on ANT1/ANT2, here just worst case ANT1 test results were shown.

EUT Information

EUT Name:	Digital Cockpit Head Unit
Model:	DHU2.5_A
Test Mode:	WIFI 5G_11ax80_Ch42
Order No/Sample No:	168516757/A003881754-002
Test Voltage:	DC 12V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

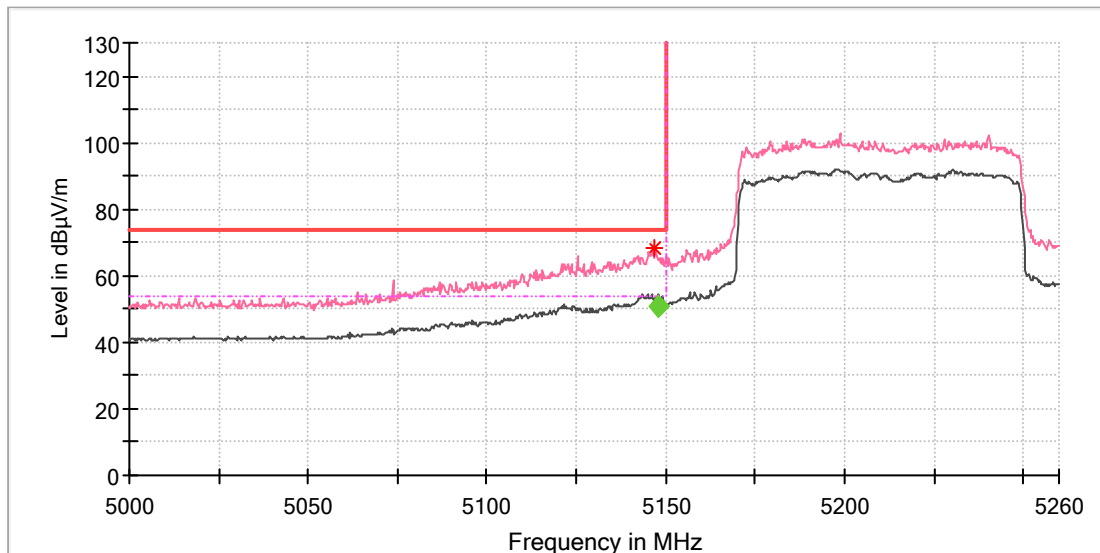
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5141.433333	61.52	---	74.00	12.48	150.0	H	184.0	13.9
5147.988889	---	48.76	54.00	5.24	150.0	H	184.0	13.9

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch42
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

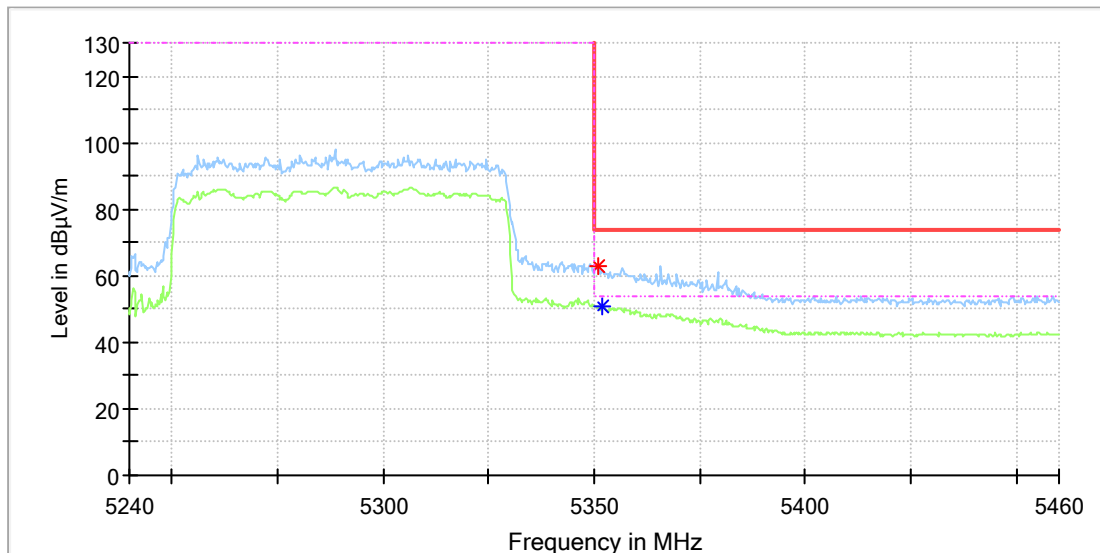
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.005556	68.55	---	74.00	5.45	150.0	V	176.0	13.9

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.988334	50.86	54.00	3.14	148.0	V	174.0	13.9

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch58
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

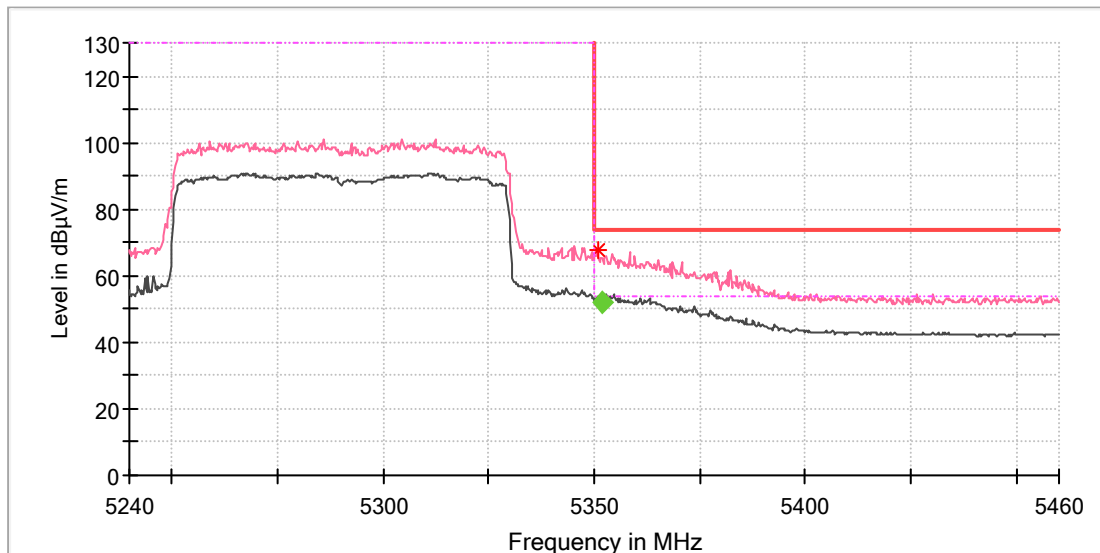
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.055556	62.73	---	74.00	11.27	150.0	H	80.0	14.8
5351.938889	---	50.87	54.00	3.13	150.0	H	80.0	14.8

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch58
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

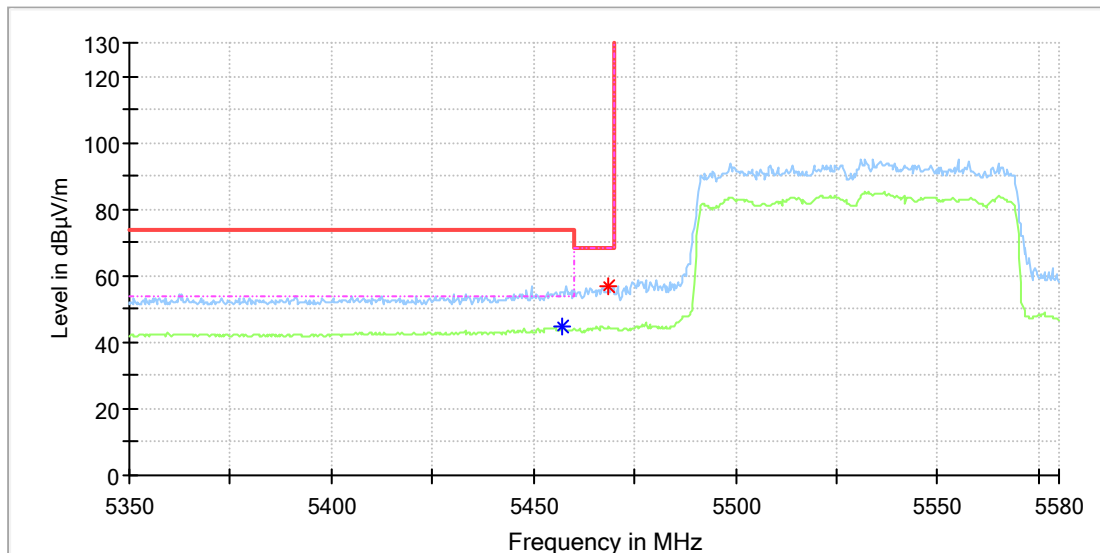
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.761111	67.88	---	74.00	6.12	150.0	V	185.0	14.8

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.916666	51.97	54.00	2.03	148.0	V	316.0	14.8

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch106
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

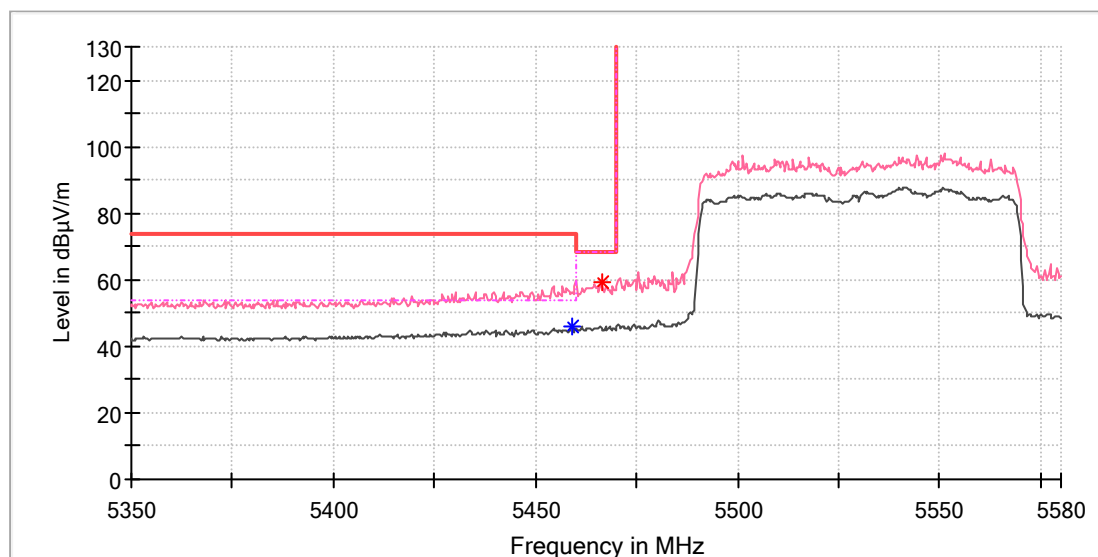
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5457.083333	---	44.52	54.00	9.48	150.0	H	74.0	15.1
5468.555556	56.66	---	68.20	11.54	150.0	H	87.0	15.1

Final Result

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

EUT Information

EUT Name:	Digital Cockpit Head Unit
Model:	DHU2.5_A
Test Mode:	WIFI 5G_11ax80_Ch106
Order No/Sample No:	168516757/A003881754-002
Test Voltage:	DC 12V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

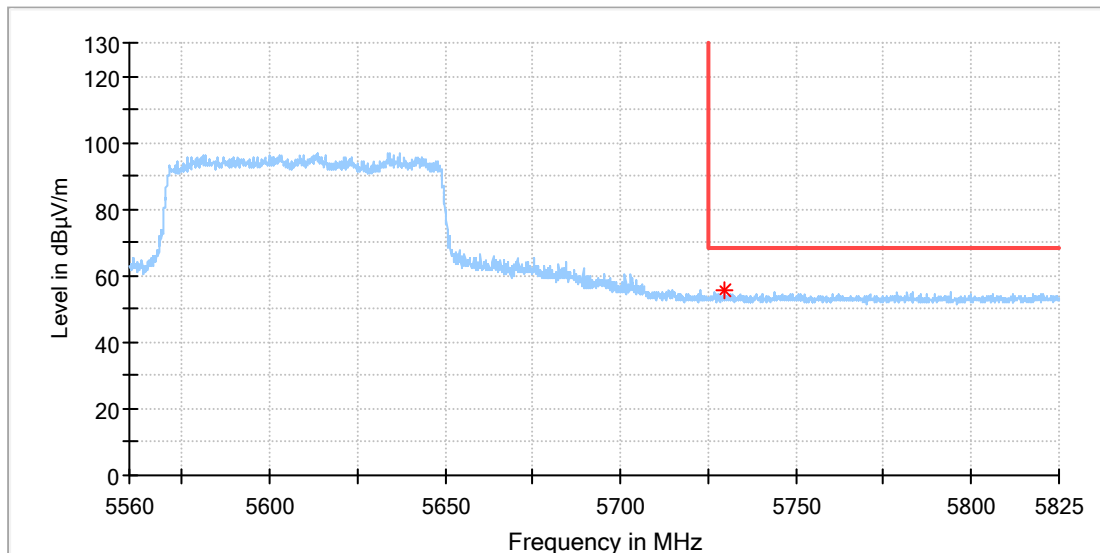
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.050000	---	46.17	54.00	7.83	150.0	V	342.0	15.1
5466.261111	59.55	---	68.20	8.65	150.0	V	316.0	15.1

Final Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch122
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

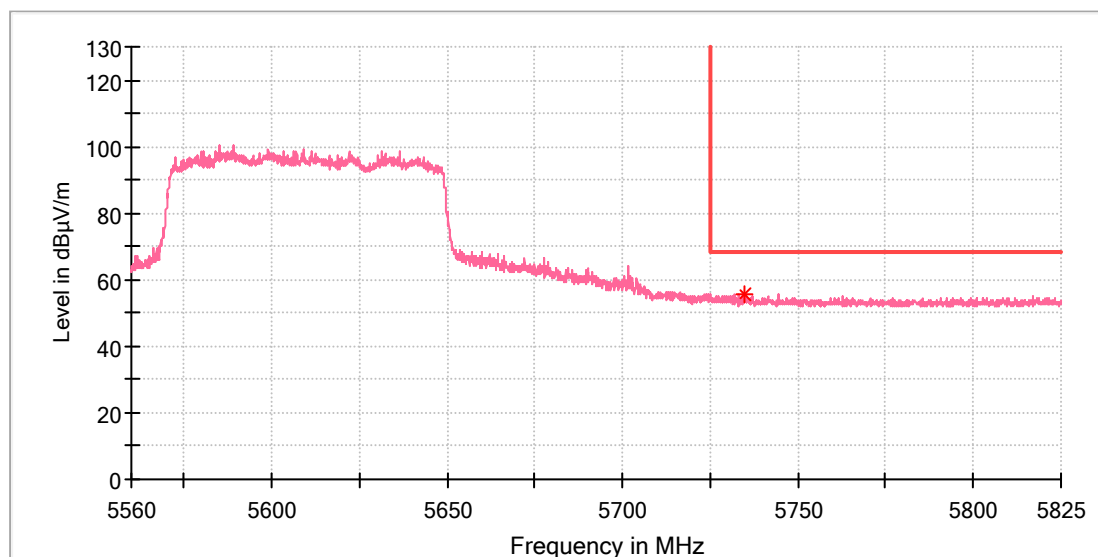
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5729.741667	55.43	68.20	12.77	150.0	H	47.0	15.4

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch122
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

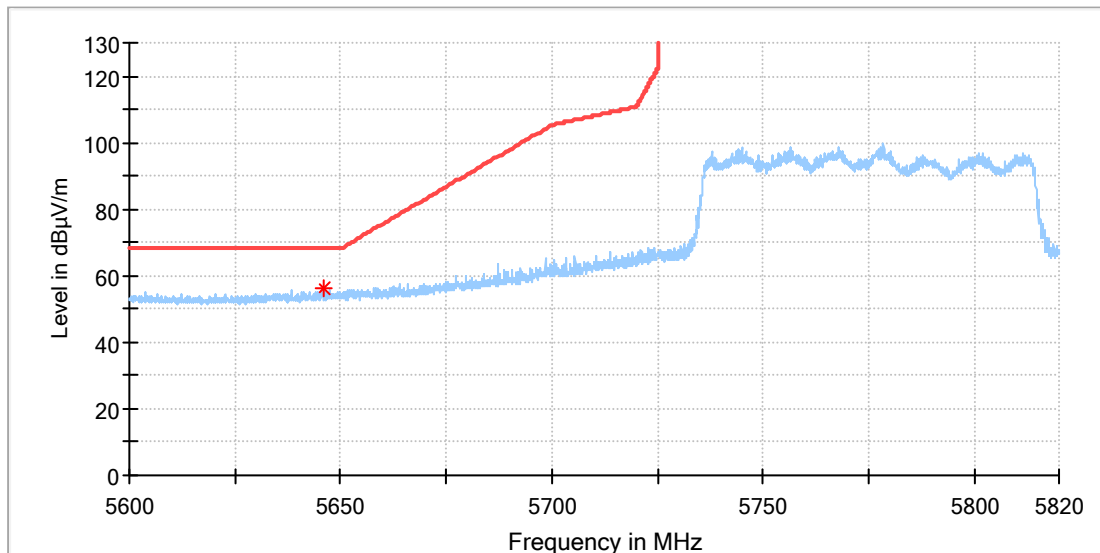
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5734.820833	55.65	68.20	12.55	150.0	V	66.0	15.4

Final_Result

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

EUT Information

EUT Name: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch155
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

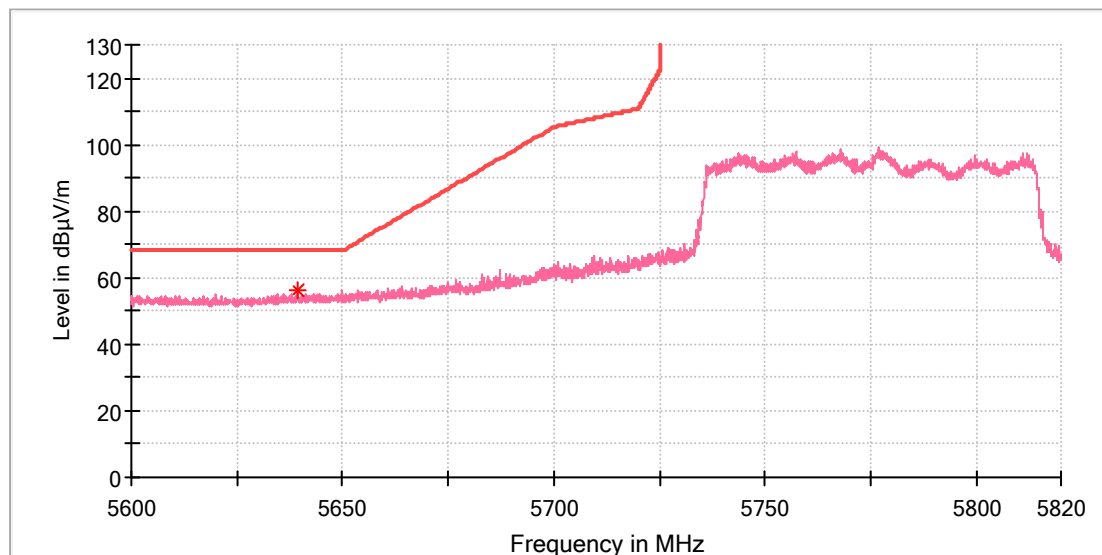
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5645.772222	55.98	68.20	12.22	150.0	H	308.0	15.3

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:	Digital Cockpit Head Unit
Model:	DHU2.5_A
Test Mode:	WIFI 5G_11ax80_Ch155
Order No/Sample No:	168516757/A003881754-002
Test Voltage:	DC 12V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

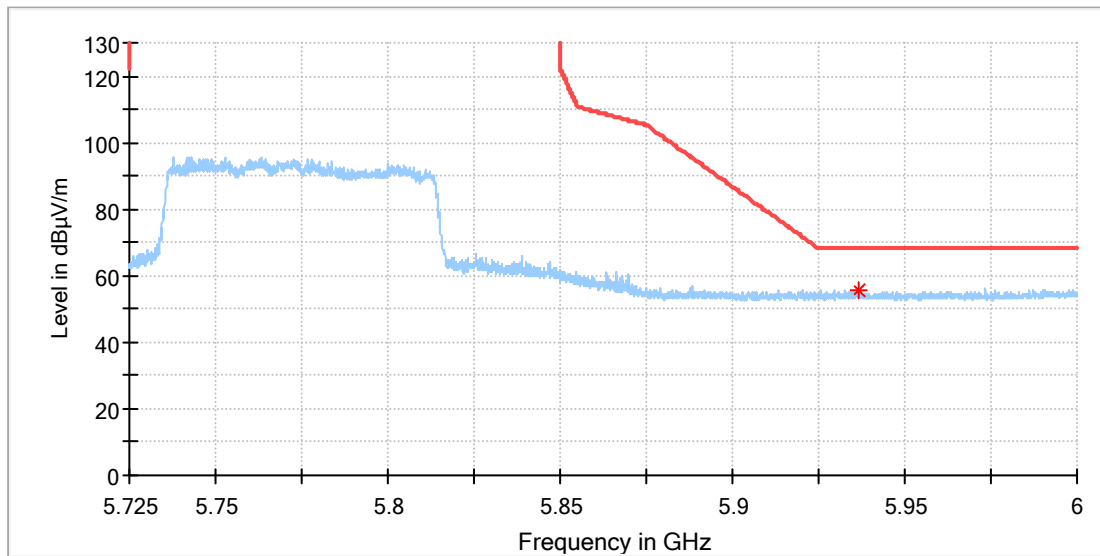
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5639.477778	55.96	68.20	12.24	150.0	V	333.0	15.3

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: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch155
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

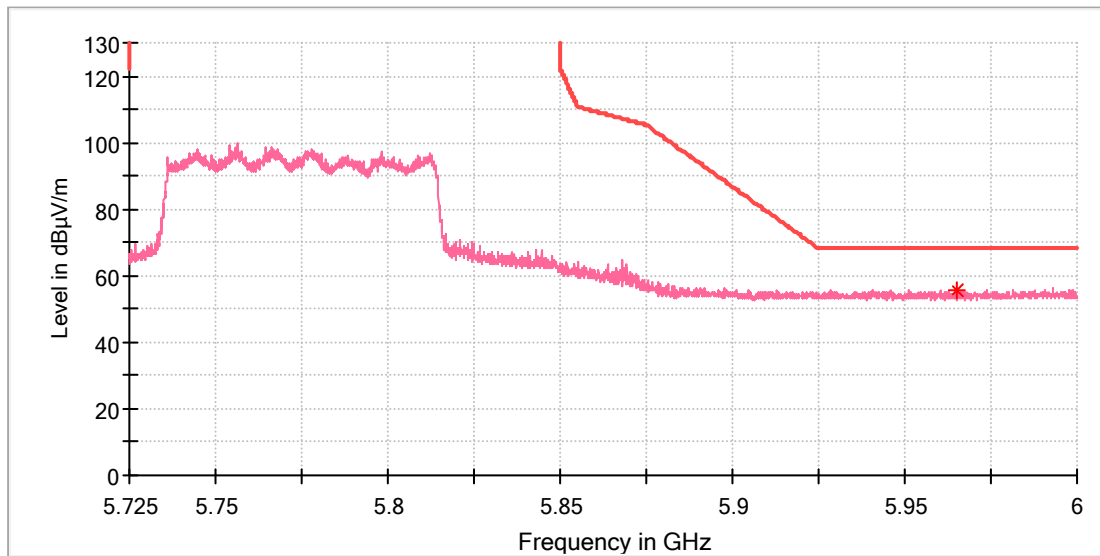
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5936.902778	55.76	68.20	12.44	150.0	H	110.0	16.2

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: Digital Cockpit Head Unit
Model: DHU2.5_A
Test Mode: WIFI 5G_11ax80_Ch155
Order No/Sample No: 168516757/A003881754-002
Test Voltage: DC 12V From DC Source
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)
5965.013889	55.92	68.20	12.28	150.0	V	0.0	16.3

Final Result

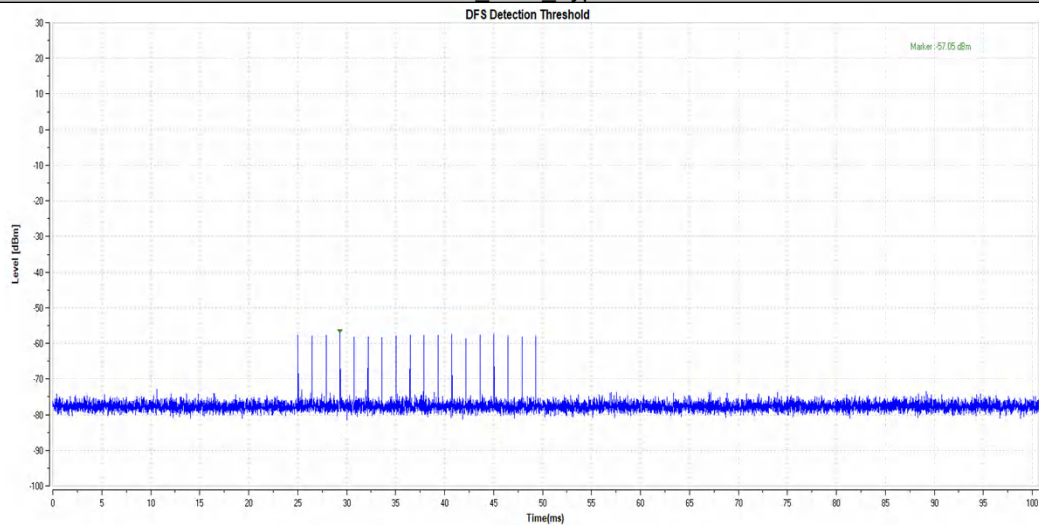
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Dynamic Frequency Selection (DFS)

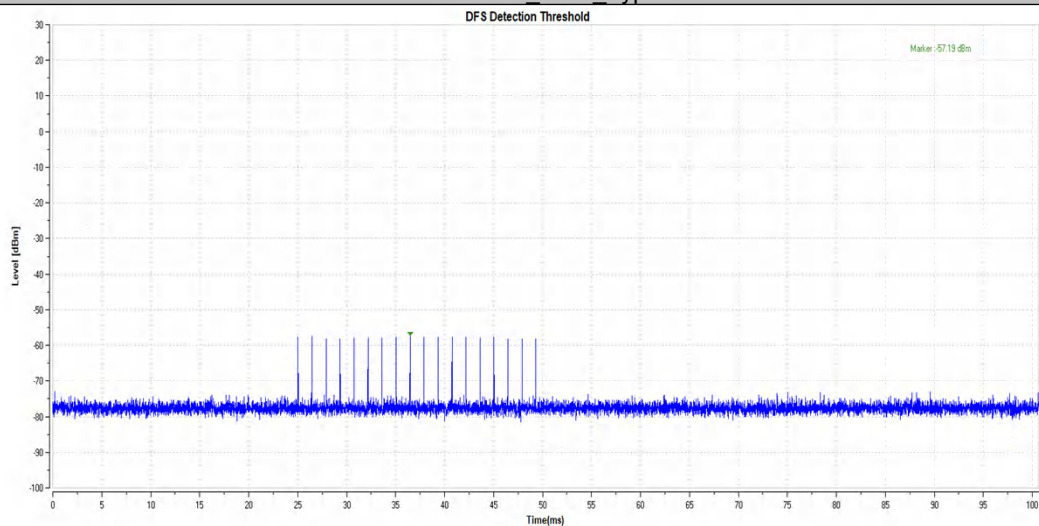
DFS Detection Thresholds

TestMode	Frequency [MHz]	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-57.05	-56.70	PASS
11AC80SISO	5530	Type0	-57.19	-56.70	PASS

11A 5260 Type0

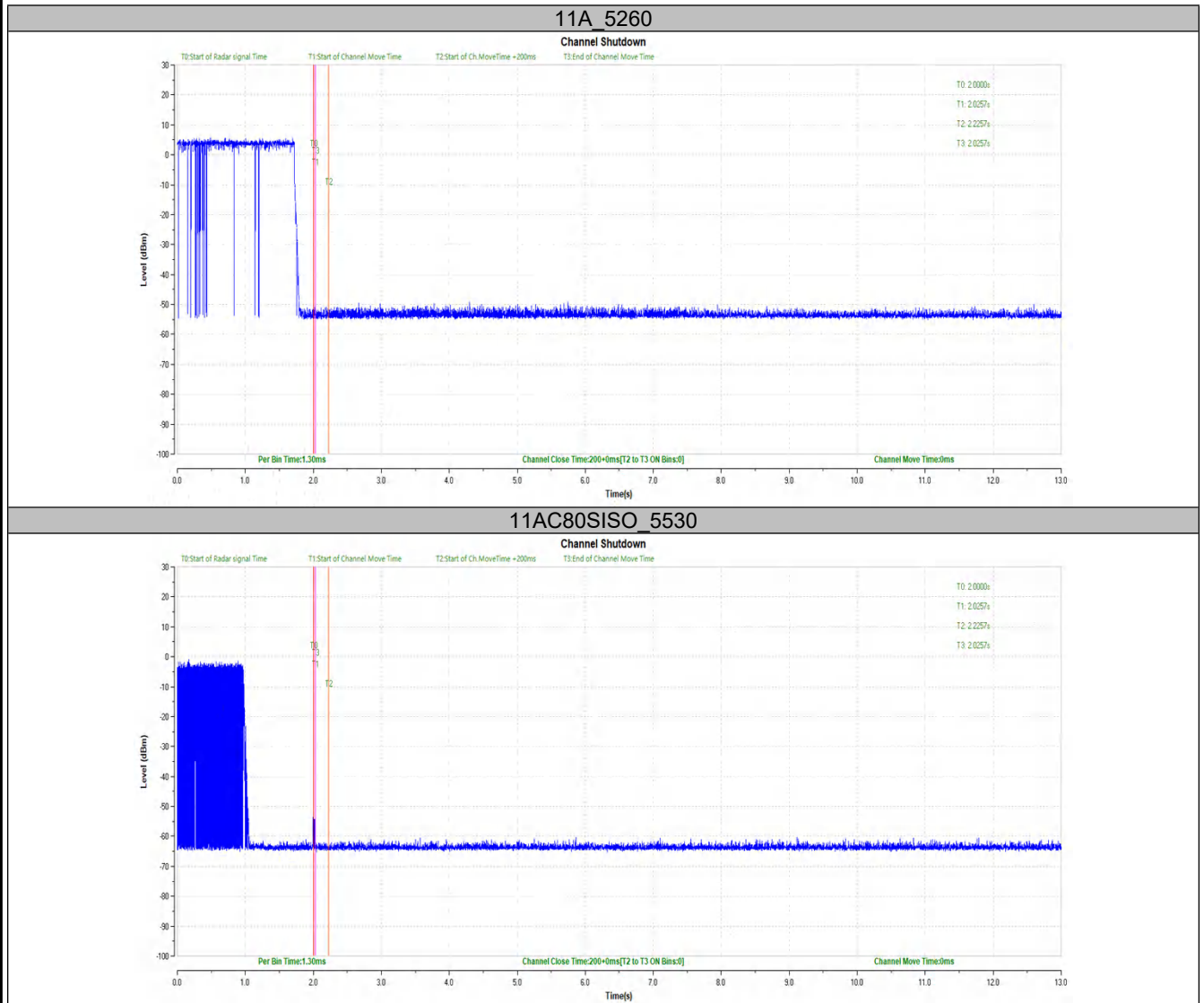


11AC80SISO 5530 Type0



Channel Move Time and Channel Closing Transmission Time

TestMode	Frequency [MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	200+0	200+60	0	10000	PASS
11AC80SISO	5530	200+0	200+60	0	10000	PASS



Non-Occupancy Period

TestMode	Frequency [MHz]	Result	Limit[s]	Verdict
11A	5260	see test graph	≥1800	PASS
11AC80SISO	5530	see test graph	≥1800	PASS

