

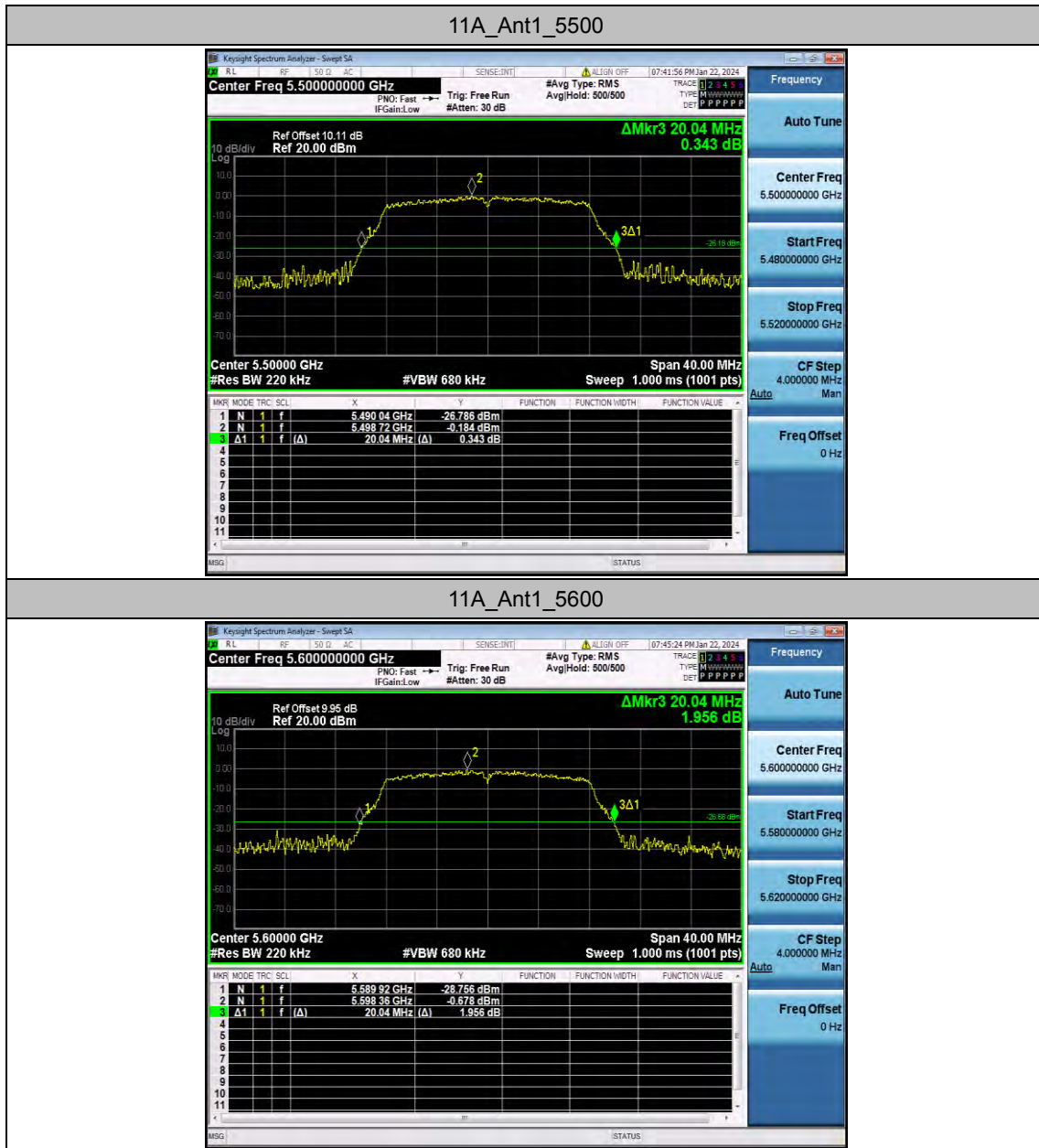
<b>Case No. :</b> <u>GTS20231018011-1-67</u>
<b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH
<b>According Standard:</b> ■Part15E
<b>Test Date:</b> <u>2024.1.22</u> <b>Test Engineer:</b> <u>Evan ouyang</u>

## Appendix F.1: Emission Bandwidth

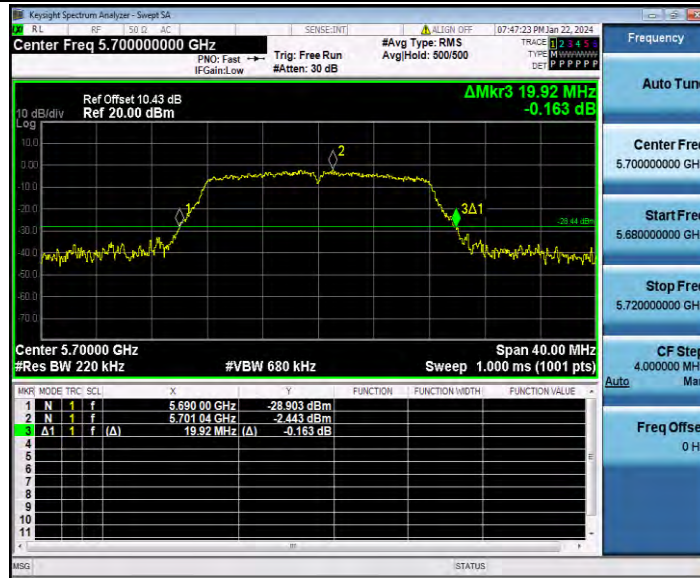
### Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.040	5490.040	5510.080	---	---
		5600	20.040	5589.920	5609.960	---	---
		5700	19.920	5690.000	5709.920	---	---
11N20SISO	Ant1	5500	20.280	5489.840	5510.120	---	---
		5600	20.360	5589.760	5610.120	---	---
		5700	20.360	5689.760	5710.120	---	---
11N40SISO	Ant1	5510	40.400	5490.160	5530.560	---	---
		5590	40.880	5569.440	5610.320	---	---
		5670	40.320	5649.760	5690.080	---	---
11AC20SISO	Ant1	5500	20.240	5489.960	5510.200	---	---
		5600	20.280	5589.760	5610.040	---	---
		5700	20.360	5689.760	5710.120	---	---
11AC40SISO	Ant1	5510	40.320	5490.000	5530.320	---	---
		5590	40.640	5569.520	5610.160	---	---
		5670	40.800	5649.360	5690.160	---	---
11AC80SISO	Ant1	5530	80.320	5490.000	5570.320	---	---
		5610	80.800	5569.360	5650.160	---	---

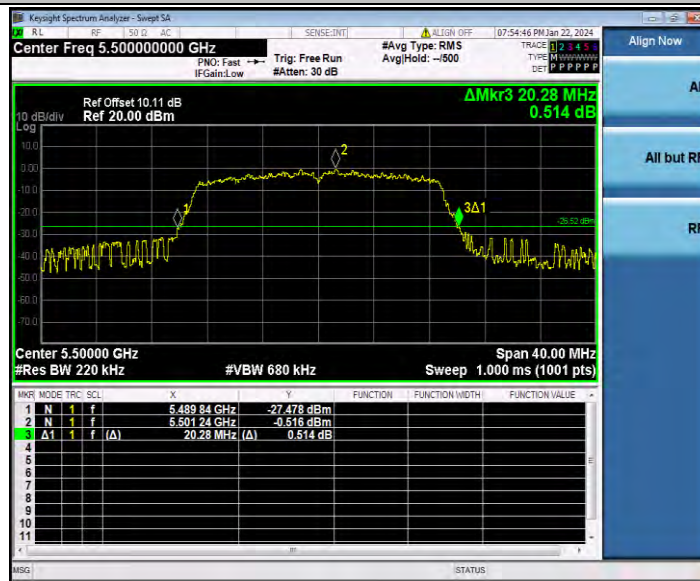
## Test Graphs



11A\_Ant1\_5700



11N20SISO\_Ant1\_5500



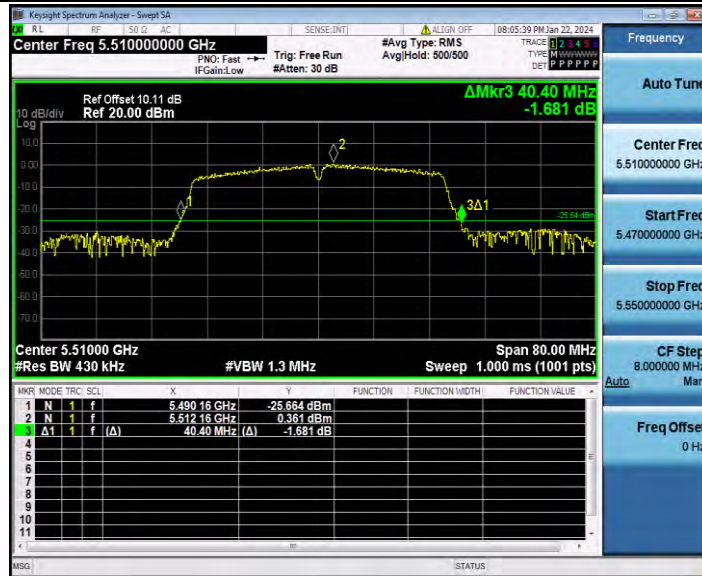
11N20SISO\_Ant1\_5600



11N20SISO\_Ant1\_5700



11N40SISO\_Ant1\_5510



11N40SISO\_Ant1\_5590

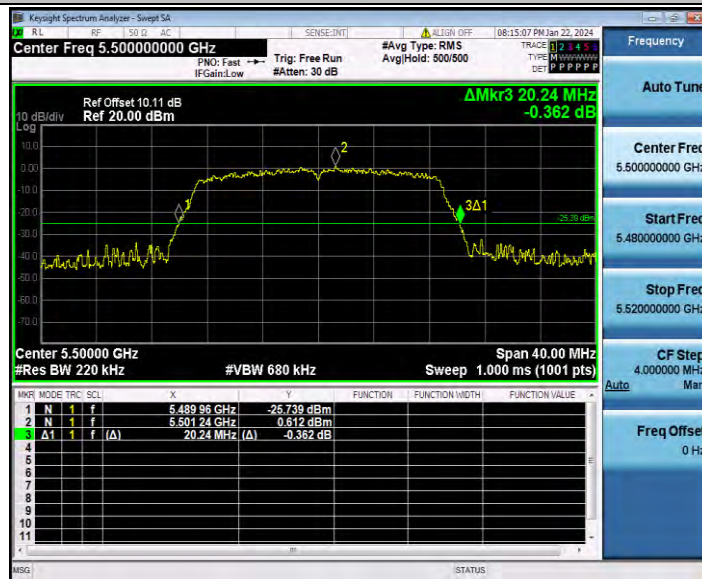




11N40SISO\_Ant1\_5670



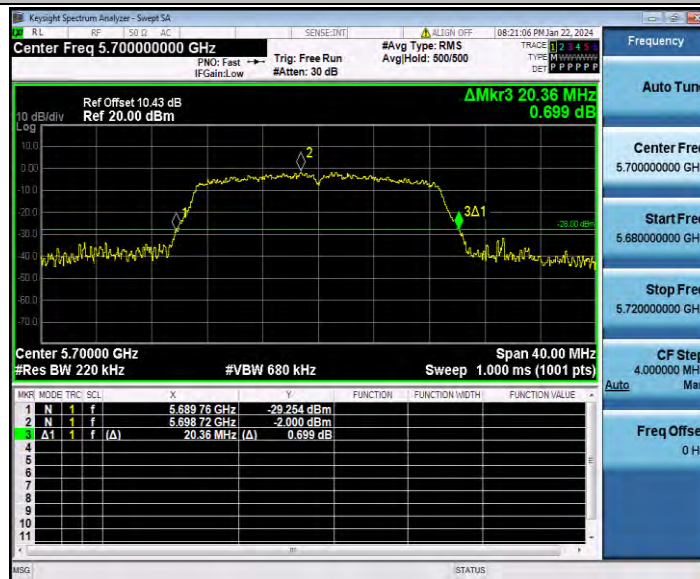
11AC20SISO\_Ant1\_5500



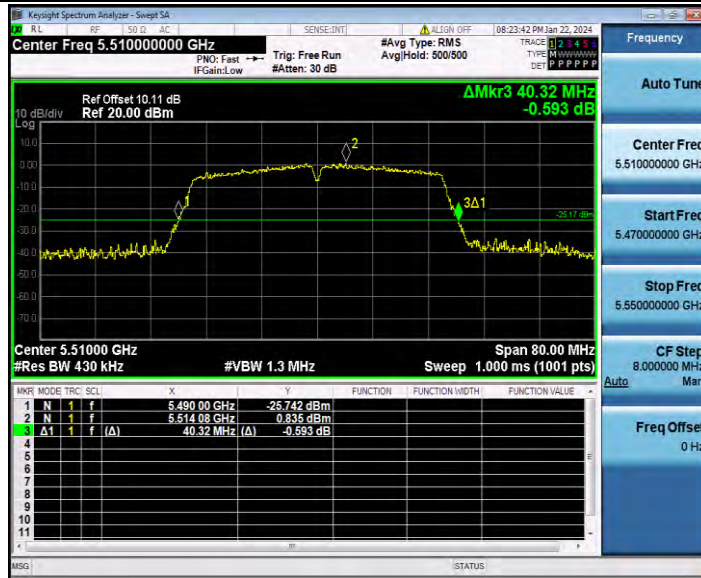
11AC20SISO\_Ant1\_5600



11AC20SISO\_Ant1\_5700



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5590

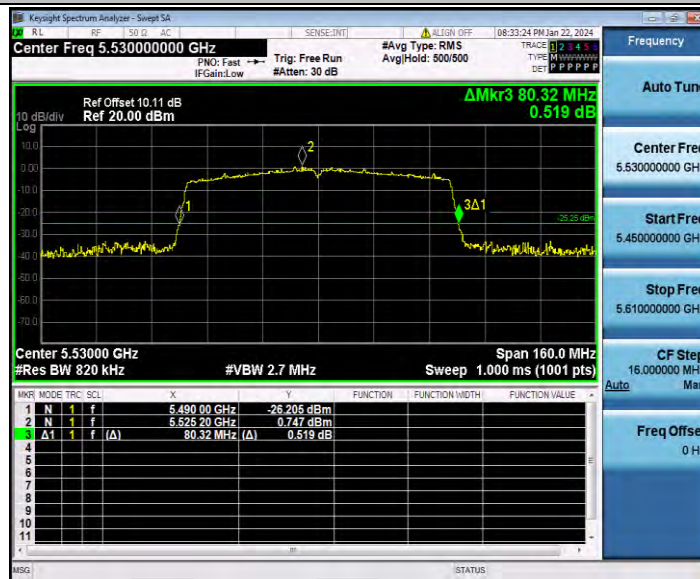


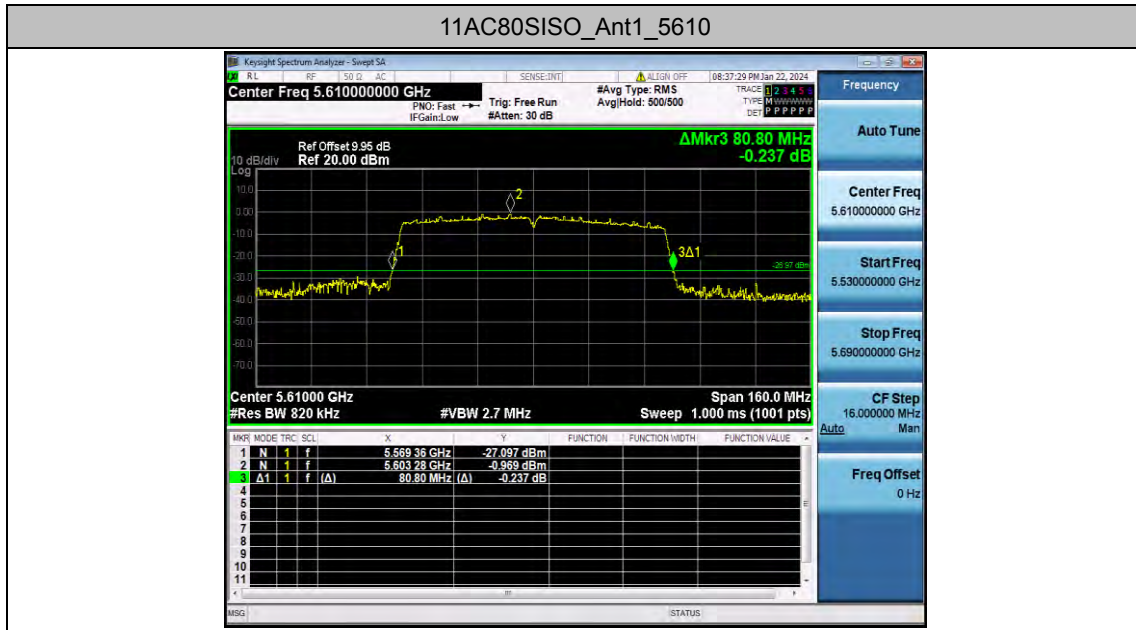


11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



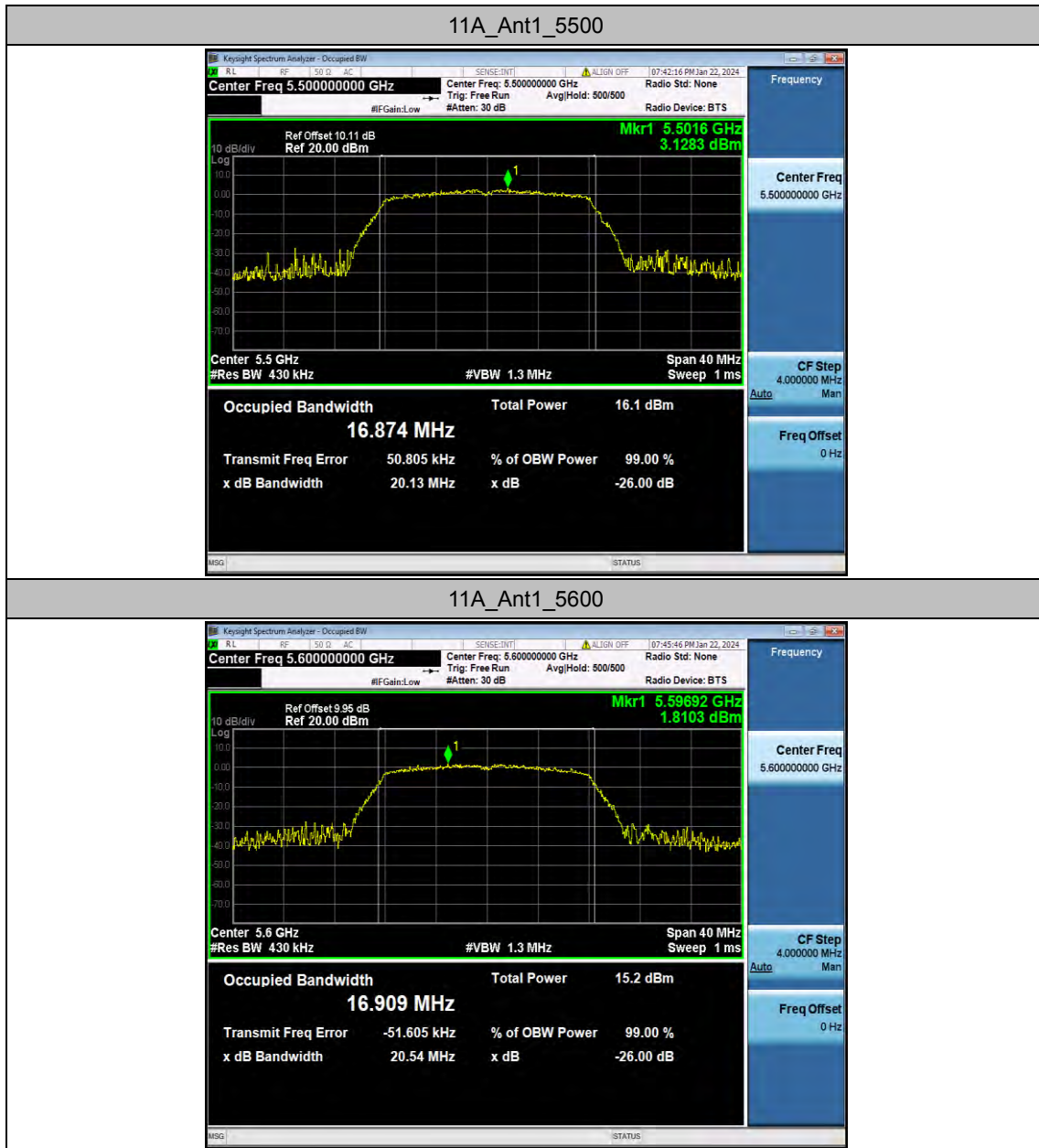


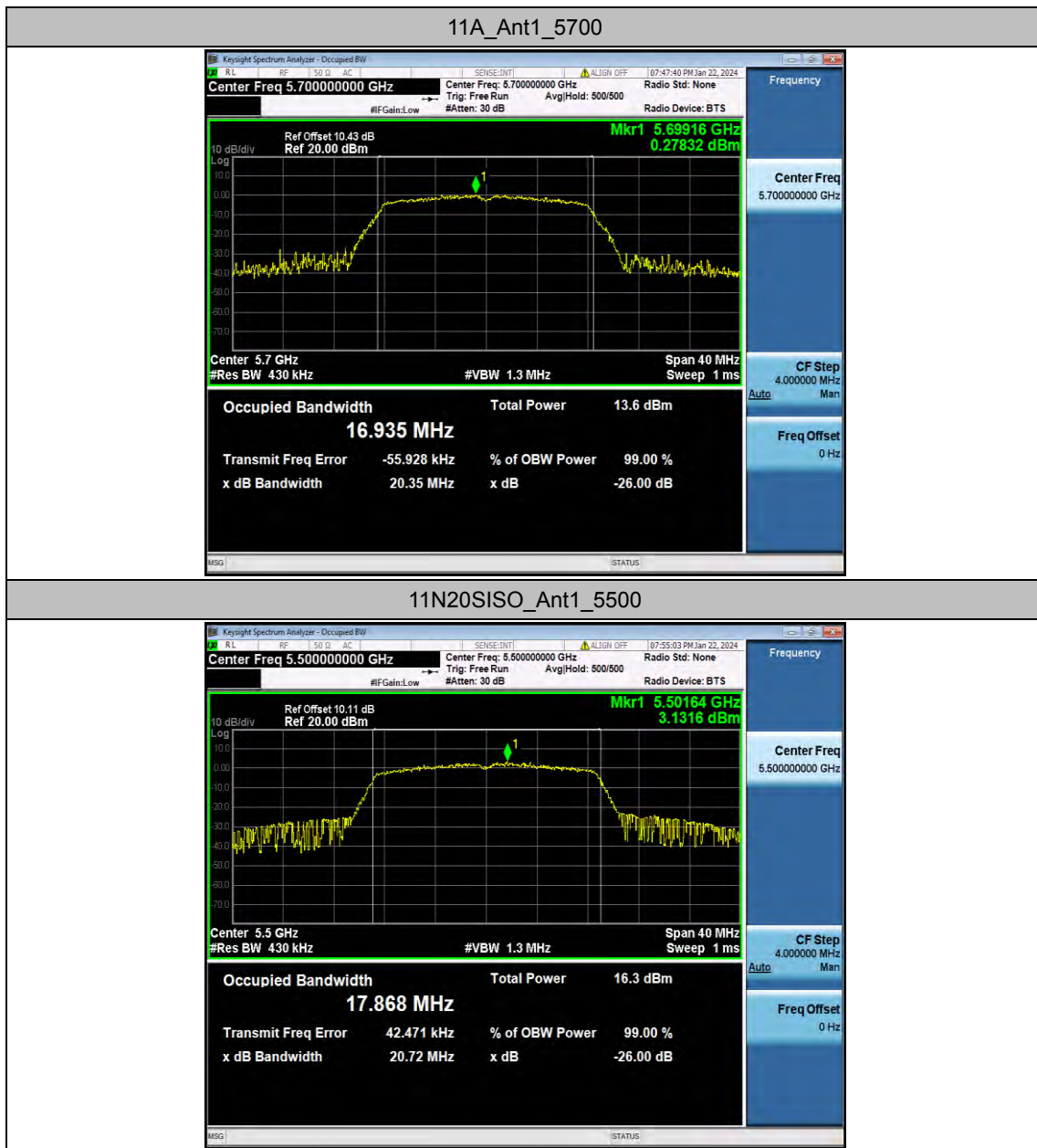
## Appendix F.2: Occupied channel bandwidth

### Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.874	5491.6138	5508.4878	---	---
		5600	16.909	5591.4939	5608.4029	---	---
		5700	16.935	5691.4766	5708.4116	---	---
11N20SISO	Ant1	5500	17.868	5491.1085	5508.9765	---	---
		5600	17.929	5590.9659	5608.8949	---	---
		5700	17.992	5690.9250	5708.9170	---	---
11N40SISO	Ant1	5510	36.288	5492.0235	5528.3115	---	---
		5590	36.407	5571.7046	5608.1116	---	---
		5670	36.369	5651.6626	5688.0316	---	---
11AC20SISO	Ant1	5500	17.838	5491.1314	5508.9694	---	---
		5600	17.856	5591.0215	5608.8775	---	---
		5700	17.834	5691.0389	5708.8729	---	---
11AC40SISO	Ant1	5510	36.181	5492.0581	5528.2391	---	---
		5590	36.234	5571.7935	5608.0275	---	---
		5670	36.152	5651.8093	5687.9613	---	---
11AC80SISO	Ant1	5530	75.024	5492.6080	5567.6320	---	---
		5610	75.370	5572.1096	5647.4796	---	---

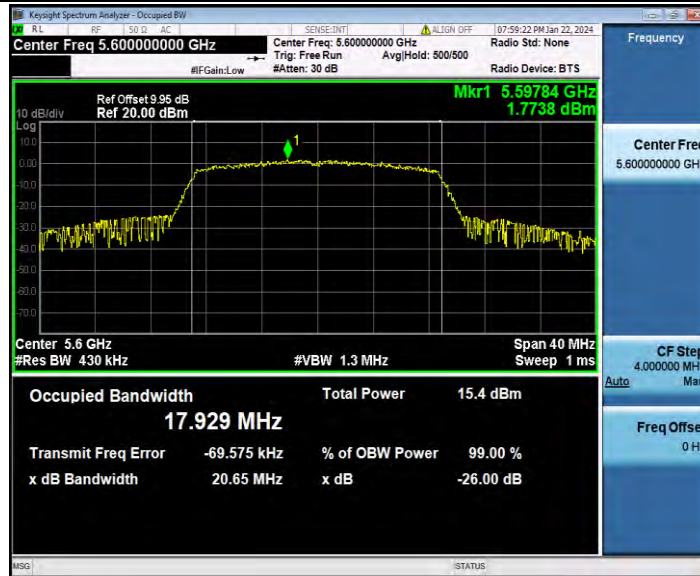
## Test Graphs



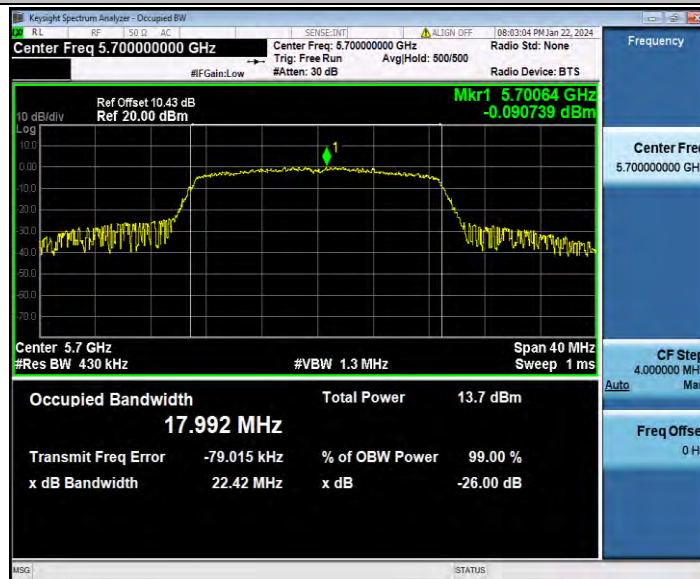




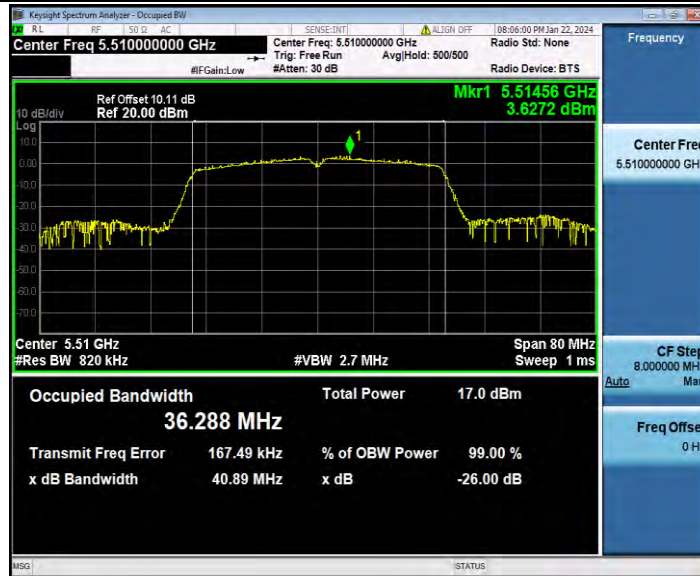
11N20SISO\_Ant1\_5600



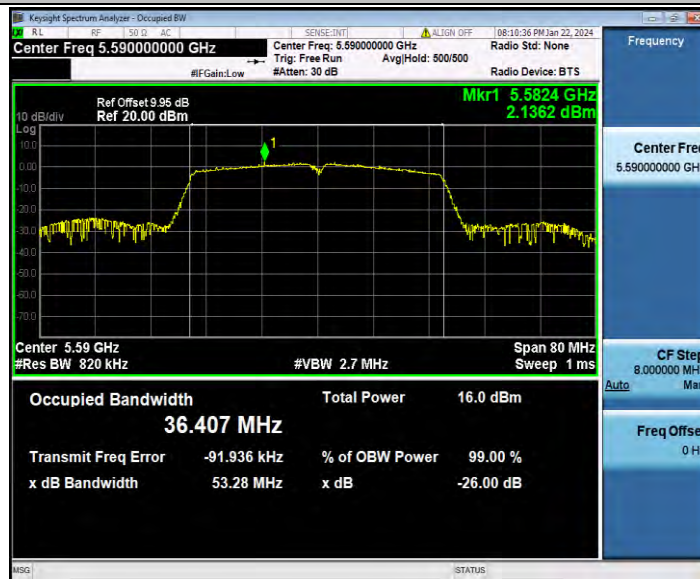
11N20SISO\_Ant1\_5700



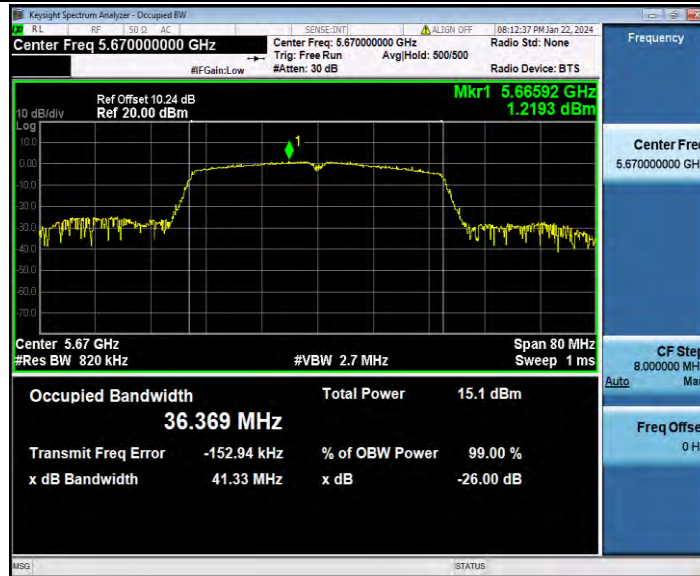
11N40SISO\_Ant1\_5510



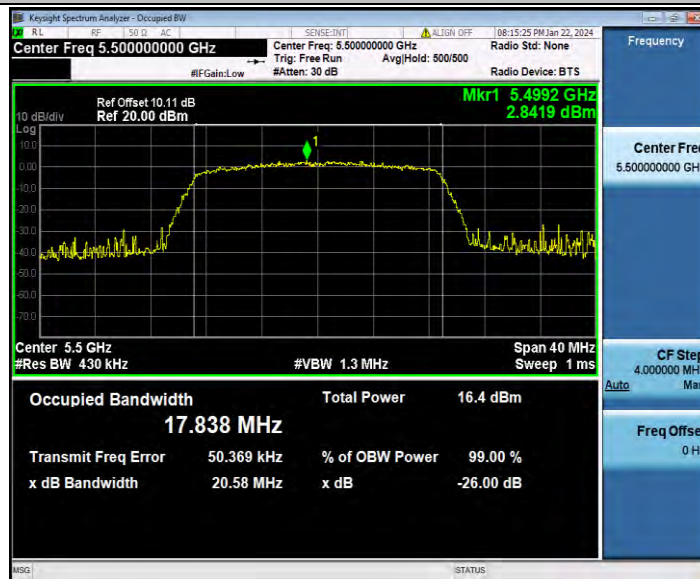
11N40SISO\_Ant1\_5590



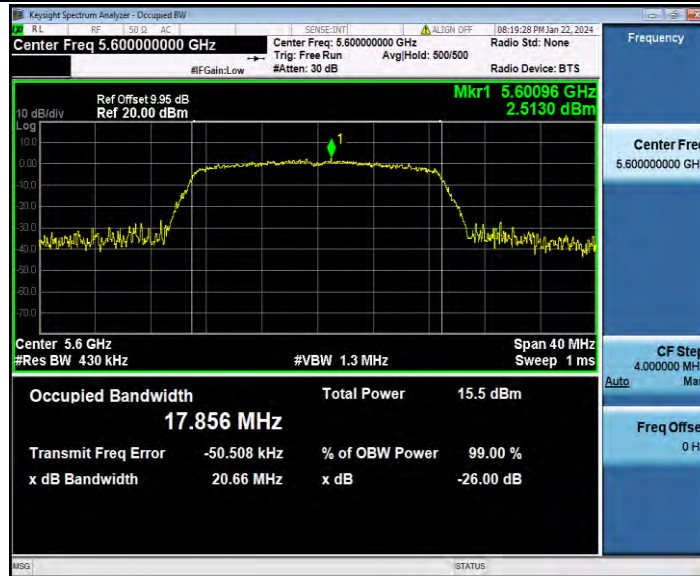
11N40SISO\_Ant1\_5670



11AC20SISO\_Ant1\_5500



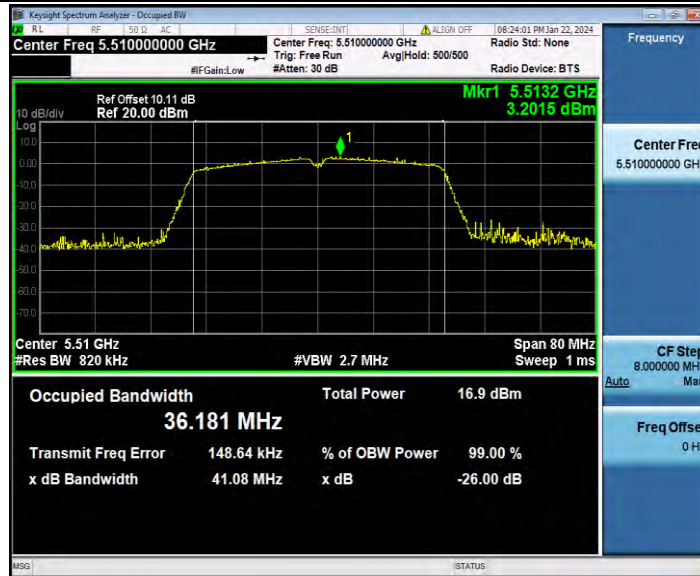
11AC20SISO\_Ant1\_5600



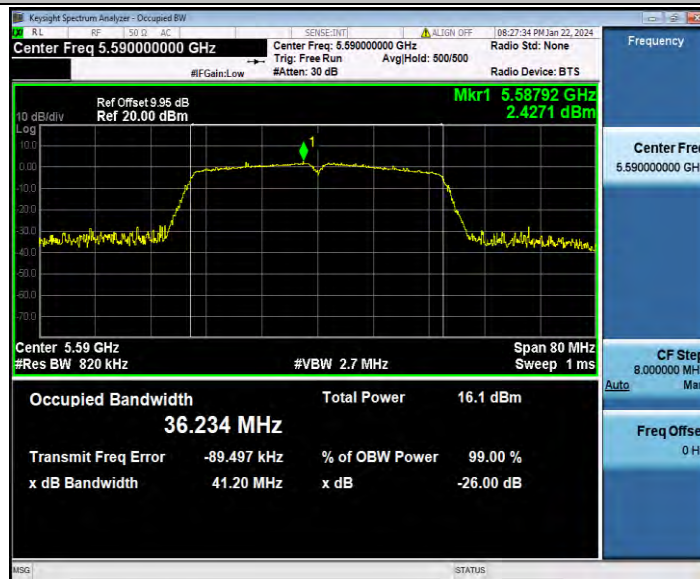
11AC20SISO\_Ant1\_5700



11AC40SISO\_Ant1\_5510

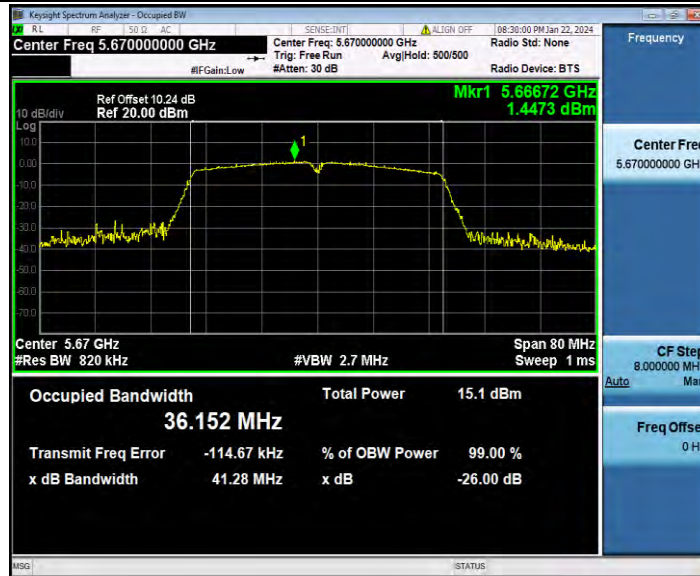


11AC40SISO\_Ant1\_5590

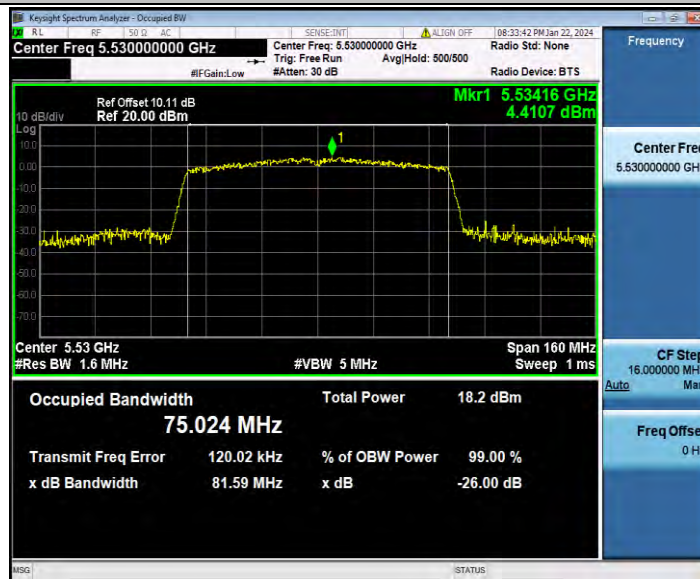


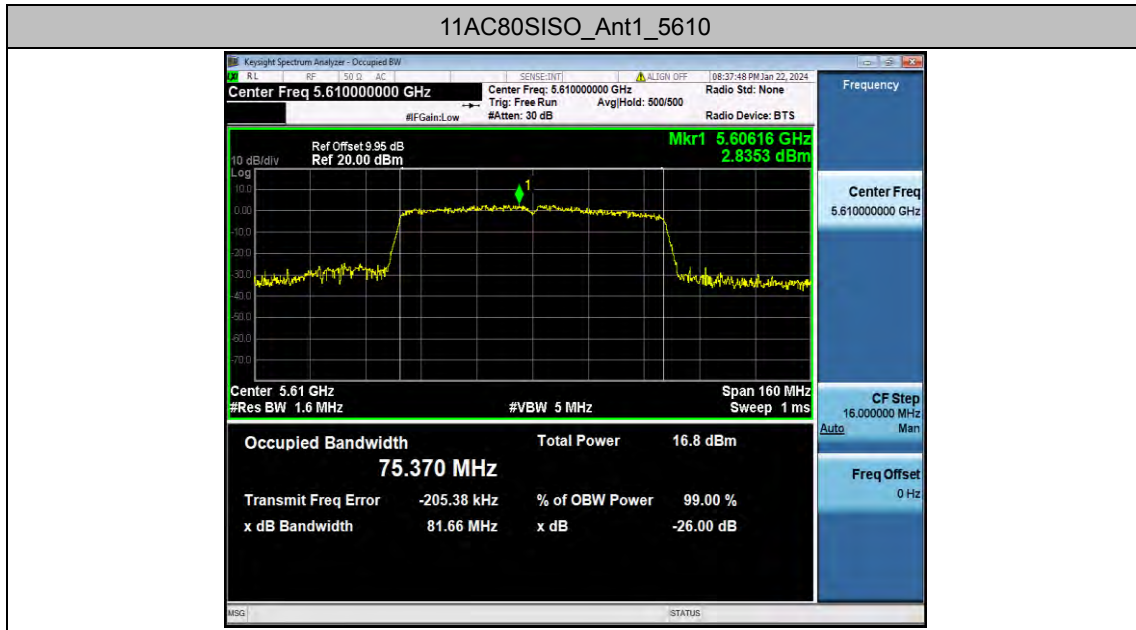


11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



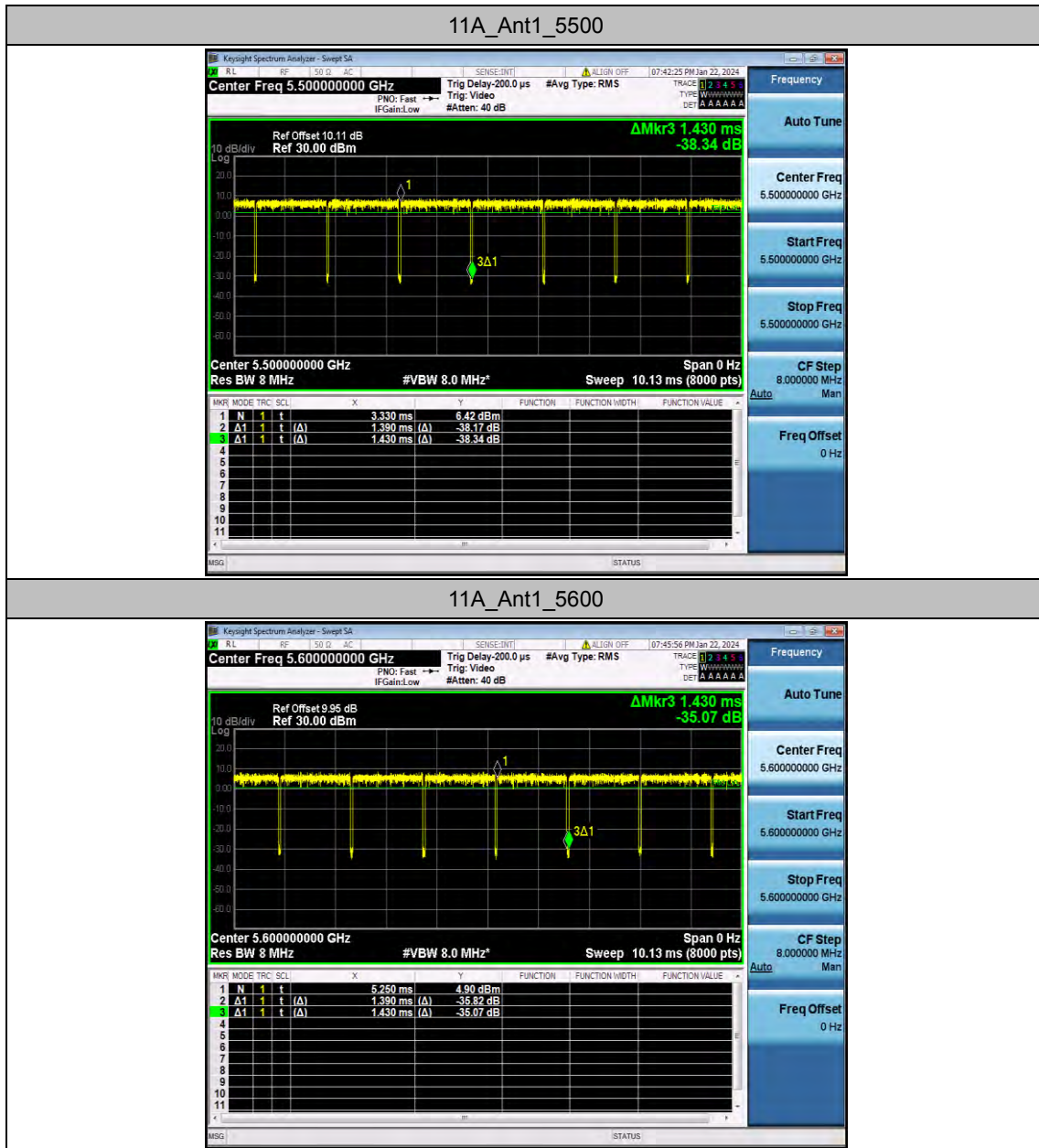


## Appendix F.3: Duty Cycle

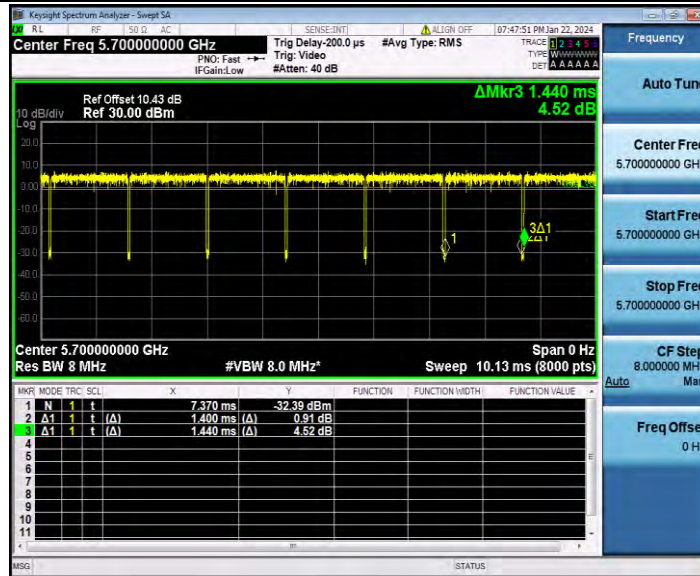
### Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	1.39	1.43	97.20	0.12	0.72
		5600	1.39	1.43	97.20	0.12	0.72
		5700	1.40	1.44	97.22	0.12	0.71
11N20SISO	Ant1	5500	1.30	1.35	96.30	0.16	0.77
		5600	1.30	1.35	96.30	0.16	0.77
		5700	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5510	0.65	0.70	92.86	0.32	1.54
		5590	0.65	0.69	94.20	0.26	1.54
		5670	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5500	1.31	1.35	97.04	0.13	0.76
		5600	1.31	1.35	97.04	0.13	0.76
		5700	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant1	5510	0.65	0.69	94.20	0.26	1.54
		5590	0.65	0.69	94.20	0.26	1.54
		5670	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5530	0.32	0.37	86.49	0.63	3.13
		5610	0.32	0.36	88.89	0.51	3.13

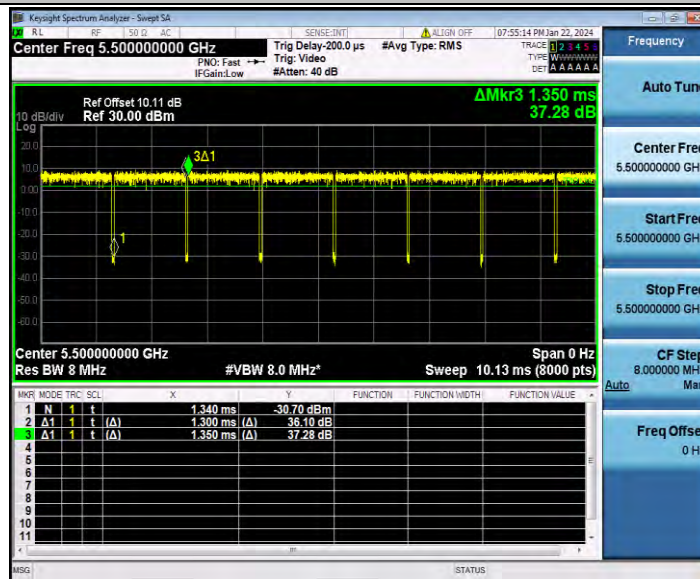
## Test Graphs



11A\_Ant1\_5700

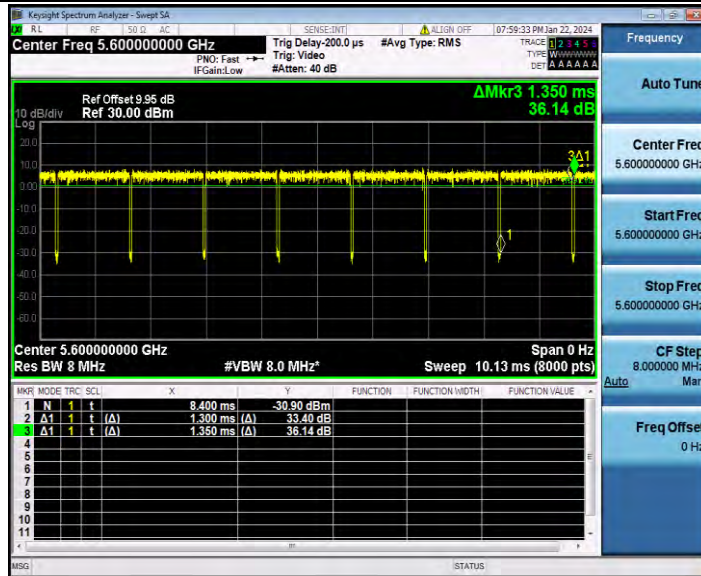


11N20SISO\_Ant1\_5500

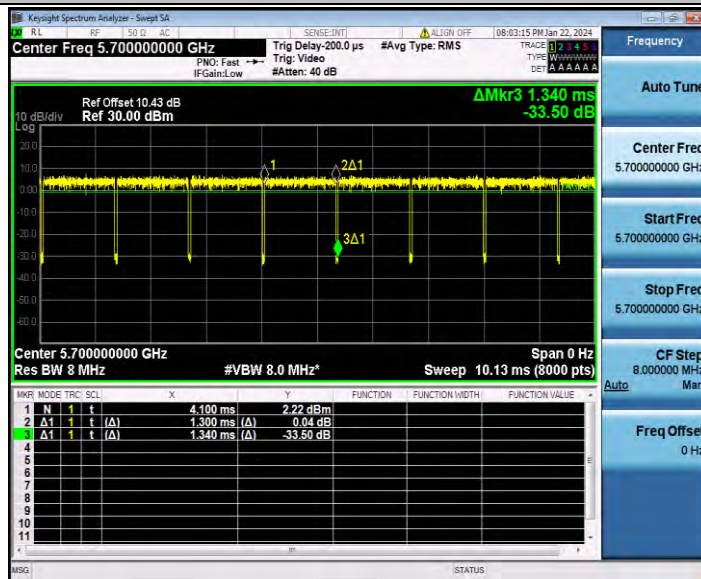




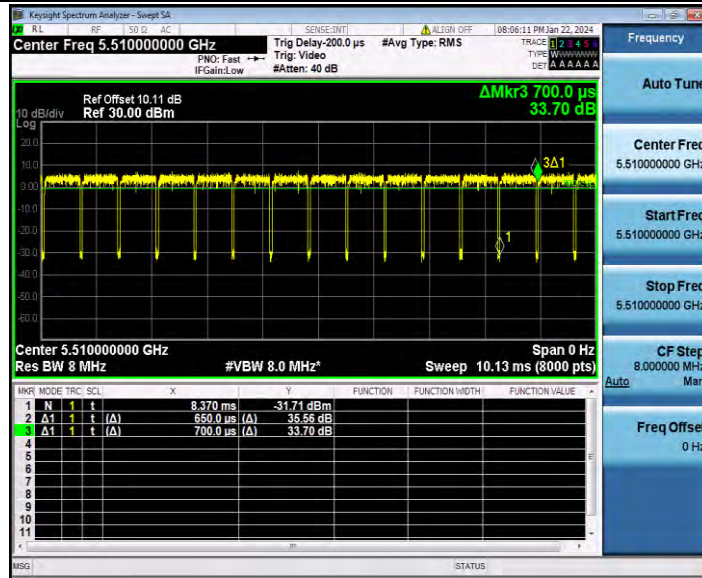
11N20SISO\_Ant1\_5600



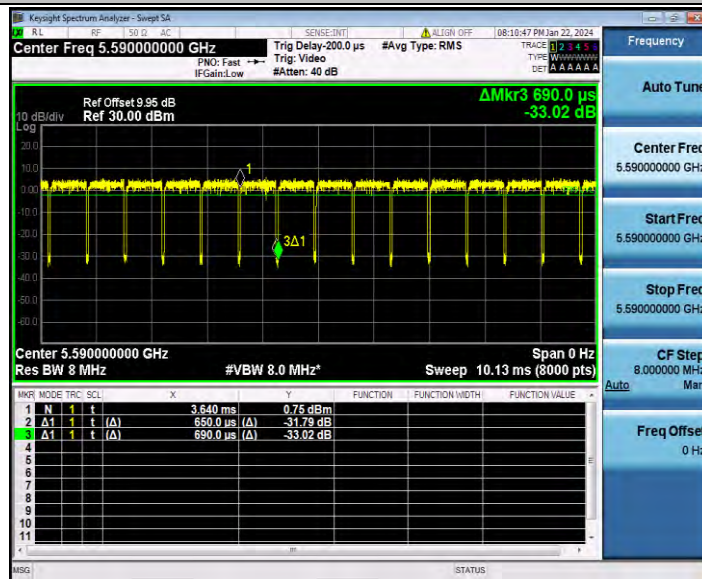
11N20SISO\_Ant1\_5700



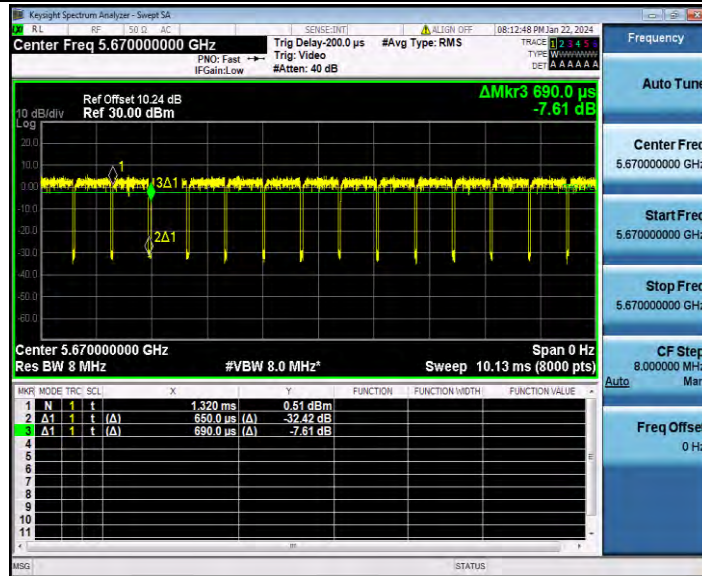
11N40SISO\_Ant1\_5510



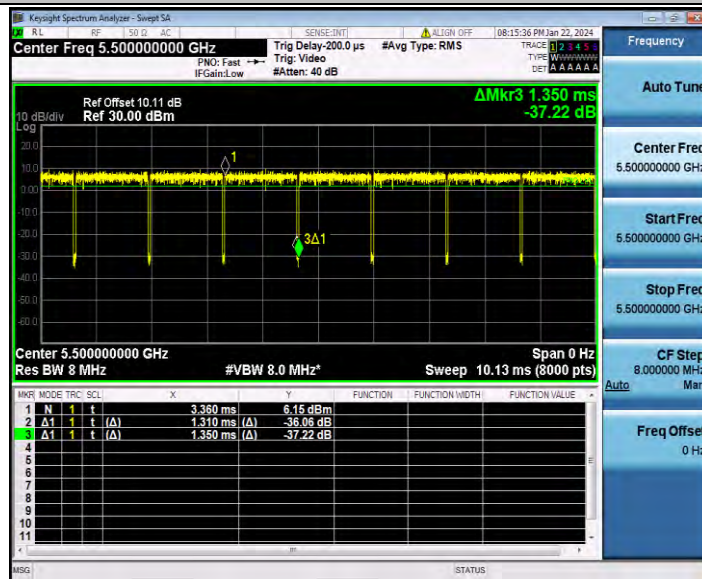
11N40SISO\_Ant1\_5590



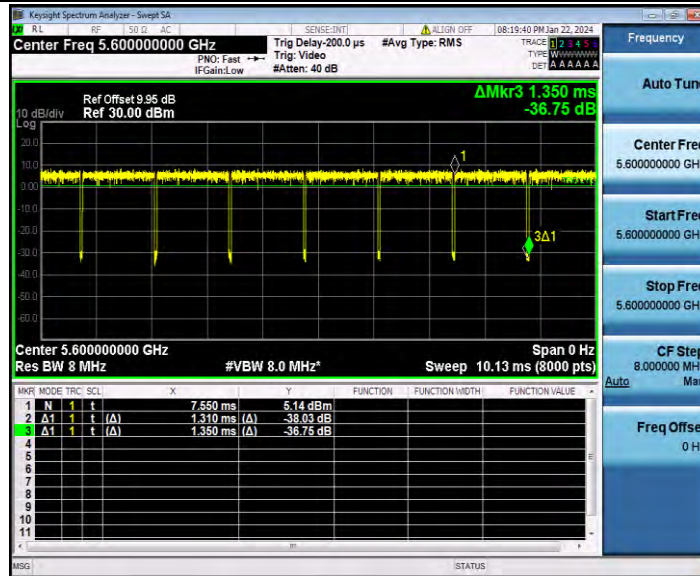
11N40SISO\_Ant1\_5670



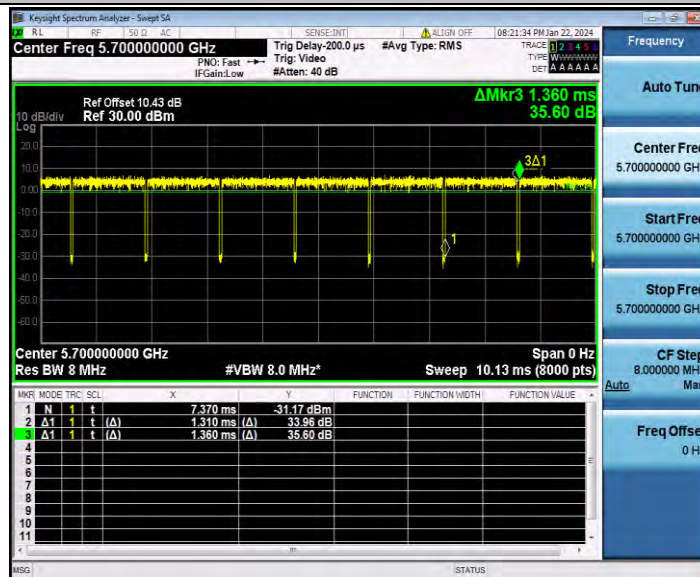
11AC20SISO\_Ant1\_5500



11AC20SISO\_Ant1\_5600

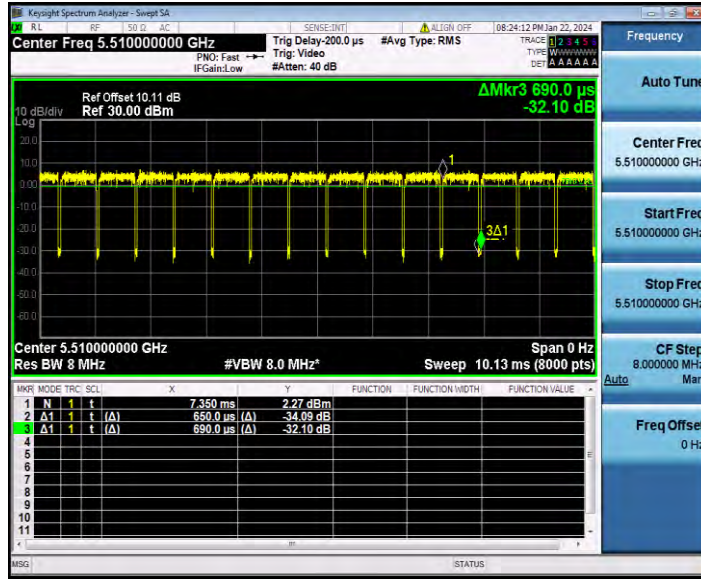


11AC20SISO\_Ant1\_5700





11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5590

