

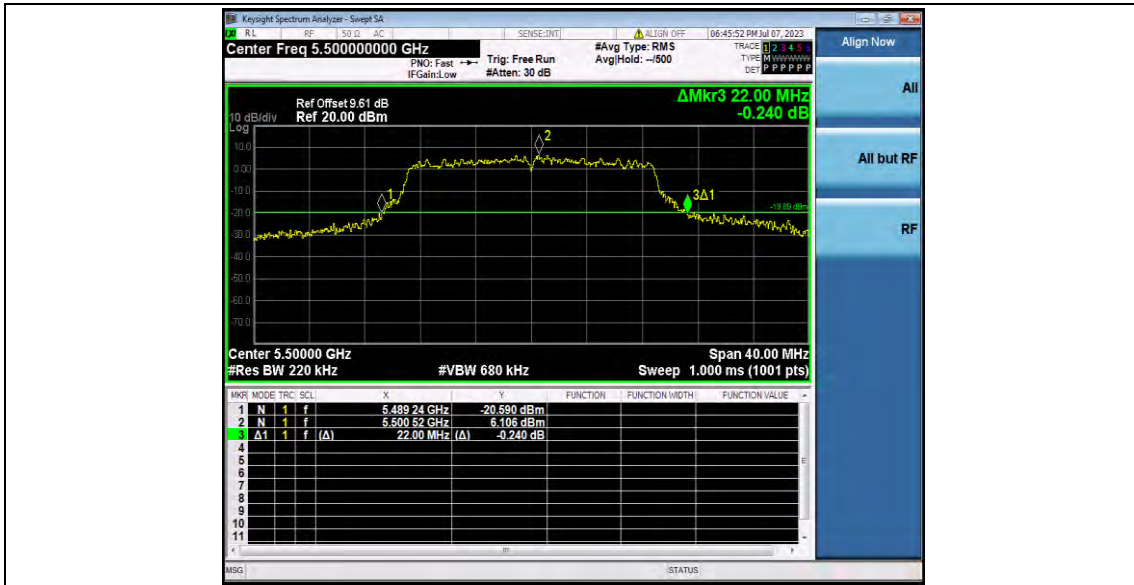
<b>Case No. :</b> <u>GTS20220803009-1-41</u>
<b>Ambient Condition:</b> <u>22</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.7.7</u> <b>Test Engineer:</b> <u>Evan Ouyang</u>

## Appendix F.1: Emission Bandwidth

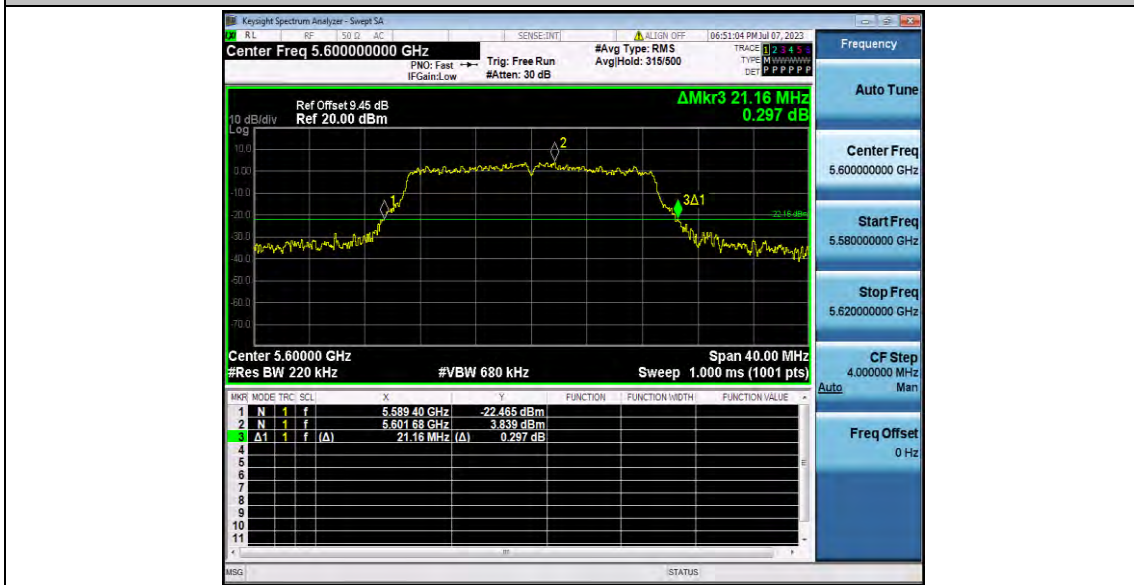
### Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	22.000	5489.240	5511.240	---	---
		5600	21.160	5589.400	5610.560	---	---
		5700	21.320	5689.240	5710.560	---	---
11N20SISO	Ant1	5500	21.120	5489.520	5510.640	---	---
		5600	21.160	5589.440	5610.600	---	---
		5700	21.280	5689.360	5710.640	---	---
11N40SISO	Ant1	5510	41.440	5490.320	5531.760	---	---
		5590	39.440	5570.160	5609.600	---	---
		5670	39.840	5650.000	5689.840	---	---
11AC20SISO	Ant1	5500	21.600	5489.440	5511.040	---	---
		5600	21.600	5589.160	5610.760	---	---
		5700	21.280	5689.360	5710.640	---	---
11AC40SISO	Ant1	5510	42.080	5490.160	5532.240	---	---
		5590	39.760	5570.080	5609.840	---	---
		5670	39.920	5650.000	5689.920	---	---
11AC80SISO	Ant1	5530	80.320	5490.000	5570.320	---	---
		5610	81.120	5569.680	5650.800	---	---

## Test Graphs



11A\_Ant1\_5500



11A\_Ant1\_5600



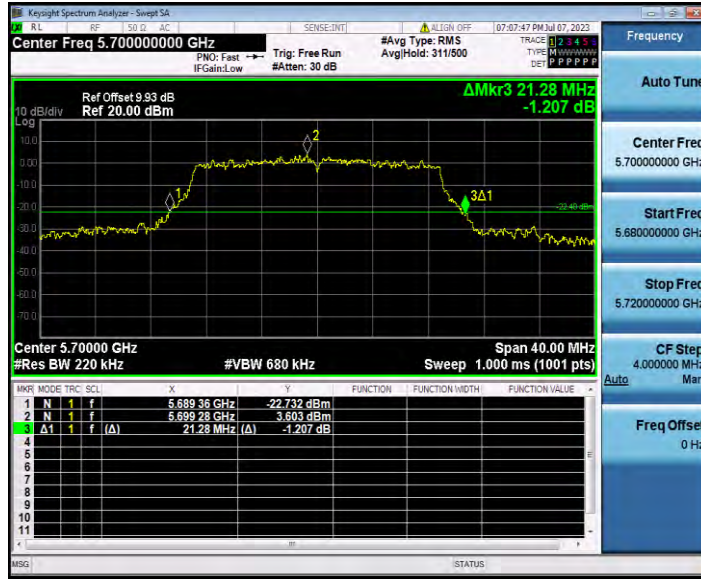
11A\_Ant1\_5700



11N20SISO\_Ant1\_5500



11N20SISO\_Ant1\_5600



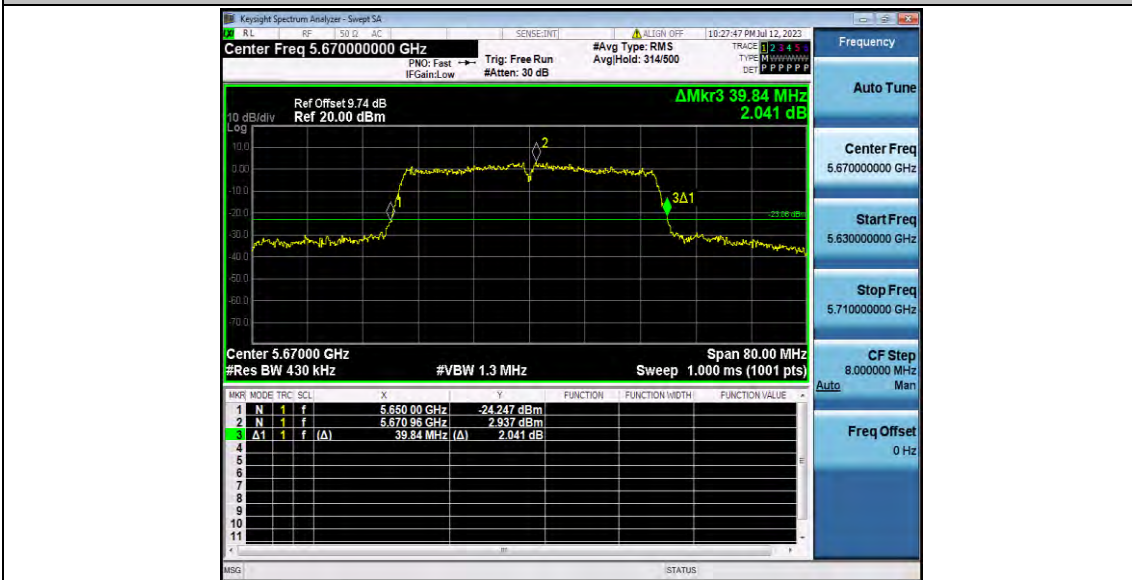
11N20SISO\_Ant1\_5700



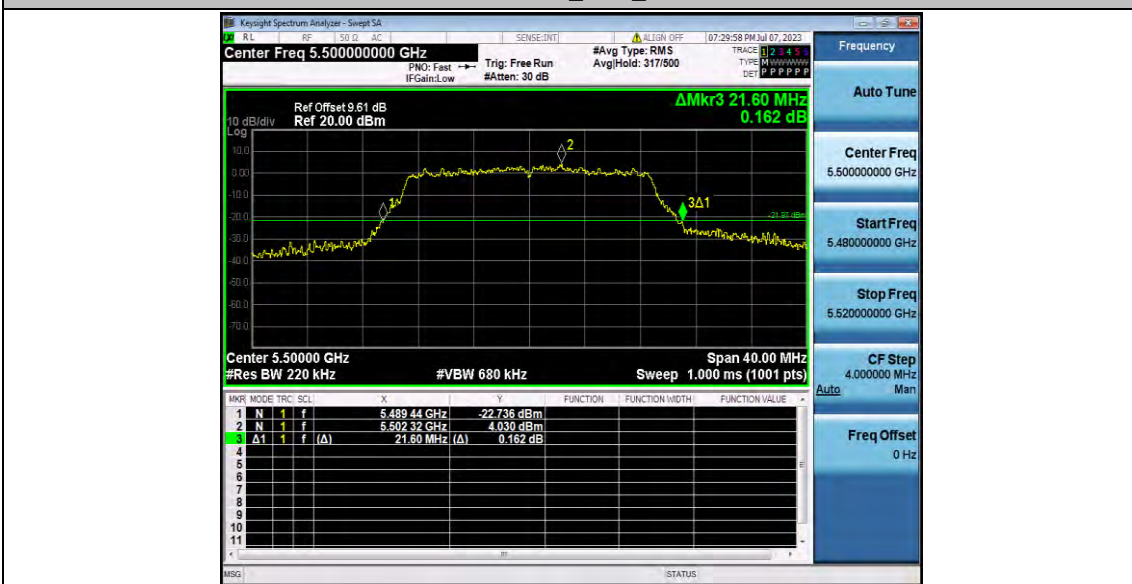
11N40SISO\_Ant1\_5510



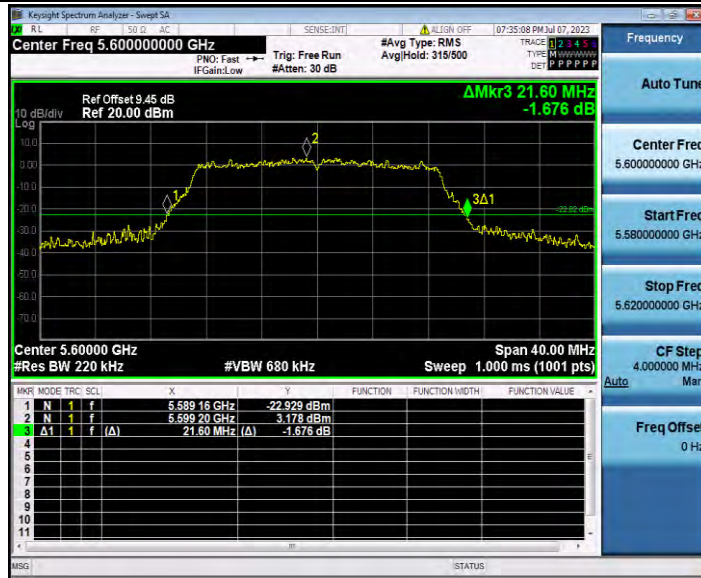
11N40SISO\_Ant1\_5590



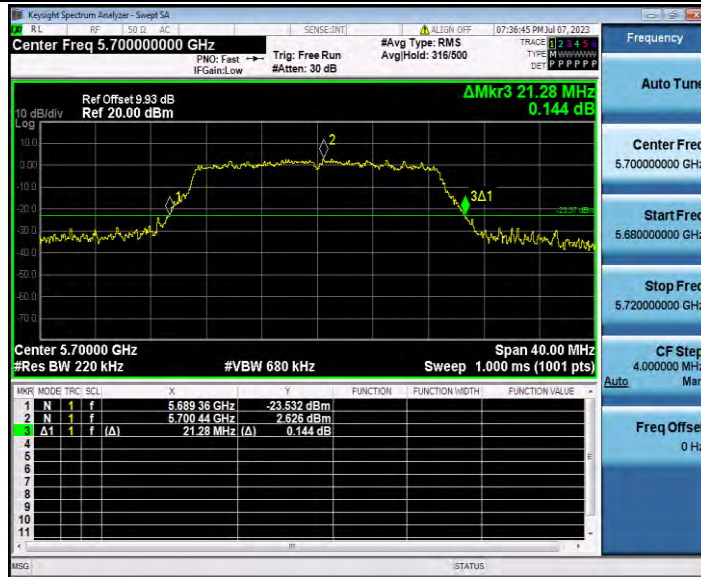
11N40SISO\_Ant1\_5670



11AC20SISO\_Ant1\_5500



11AC20SISO\_Ant1\_5600



11AC20SISO\_Ant1\_5700



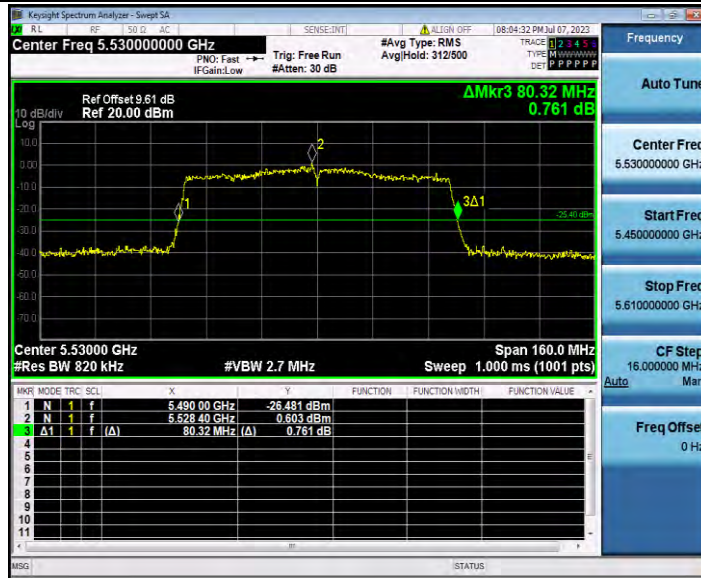
11AC40SISO\_Ant1\_5510



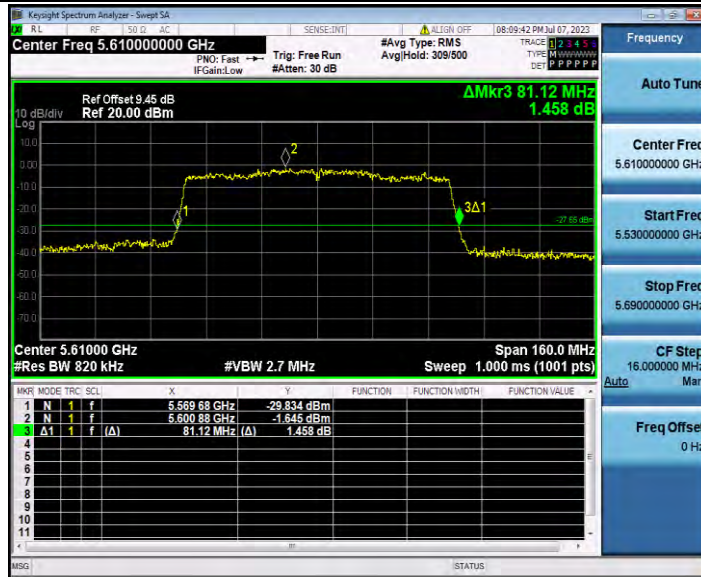
11AC40SISO\_Ant1\_5590



11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



## Appendix F.2: Occupied channel bandwidth

### Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	18.266	5490.928	5509.194	---	---
		5600	18.122	5590.884	5609.006	---	---
		5700	18.156	5690.876	5709.032	---	---
11N20SISO	Ant1	5500	18.122	5490.959	5509.081	---	---
		5600	18.099	5590.916	5609.015	---	---
		5700	18.191	5690.857	5709.048	---	---
11N40SISO	Ant1	5510	36.575	5491.823	5528.398	---	---
		5590	36.507	5571.714	5608.221	---	---
		5670	36.704	5651.553	5688.257	---	---
11AC20SISO	Ant1	5500	18.380	5490.868	5509.248	---	---
		5600	18.362	5590.775	5609.137	---	---
		5700	18.363	5690.755	5709.118	---	---
11AC40SISO	Ant1	5510	36.531	5491.798	5528.329	---	---
		5590	36.522	5571.745	5608.267	---	---
		5670	36.674	5651.569	5688.243	---	---
11AC80SISO	Ant1	5530	75.525	5492.265	5567.790	---	---
		5610	75.709	5572.121	5647.830	---	---

## Test Graphs



11A\_Ant1\_5500



11A\_Ant1\_5600



11A\_Ant1\_5700



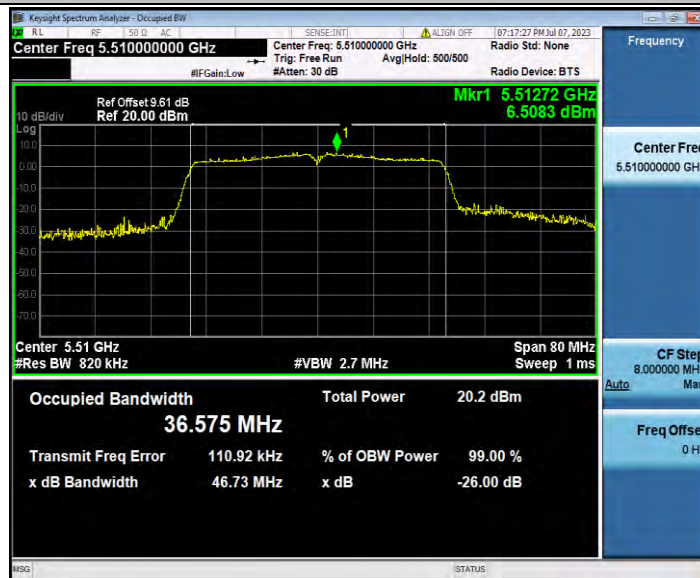
11N20SISO\_Ant1\_5500



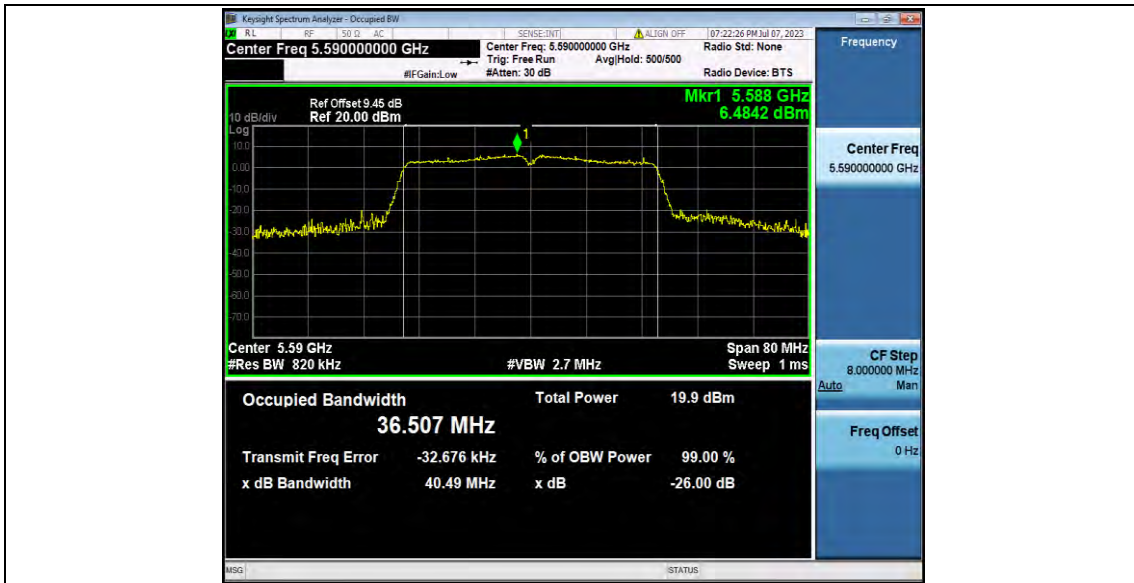
11N20SISO\_Ant1\_5600



11N20SISO\_Ant1\_5700



11N40SISO\_Ant1\_5510



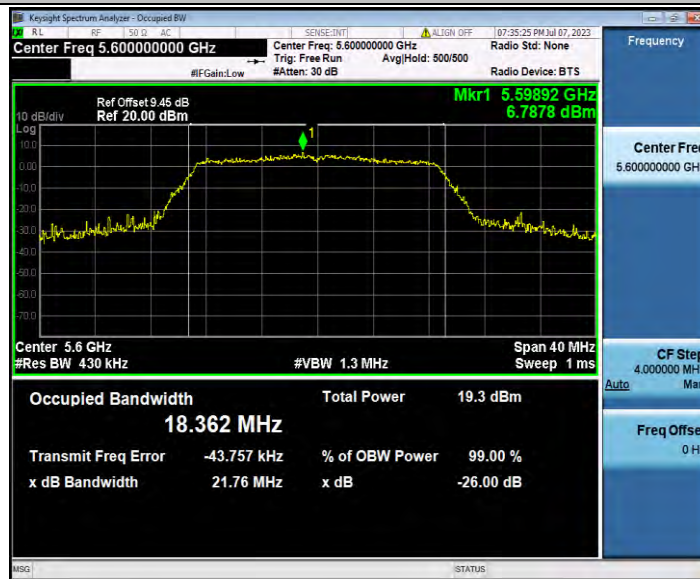
11N40SISO\_Ant1\_5590



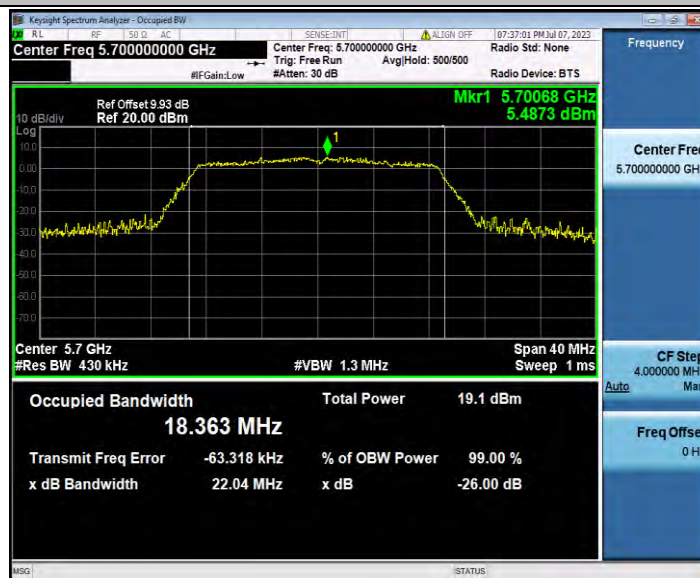
11N40SISO\_Ant1\_5670



11AC20SISO\_Ant1\_5500



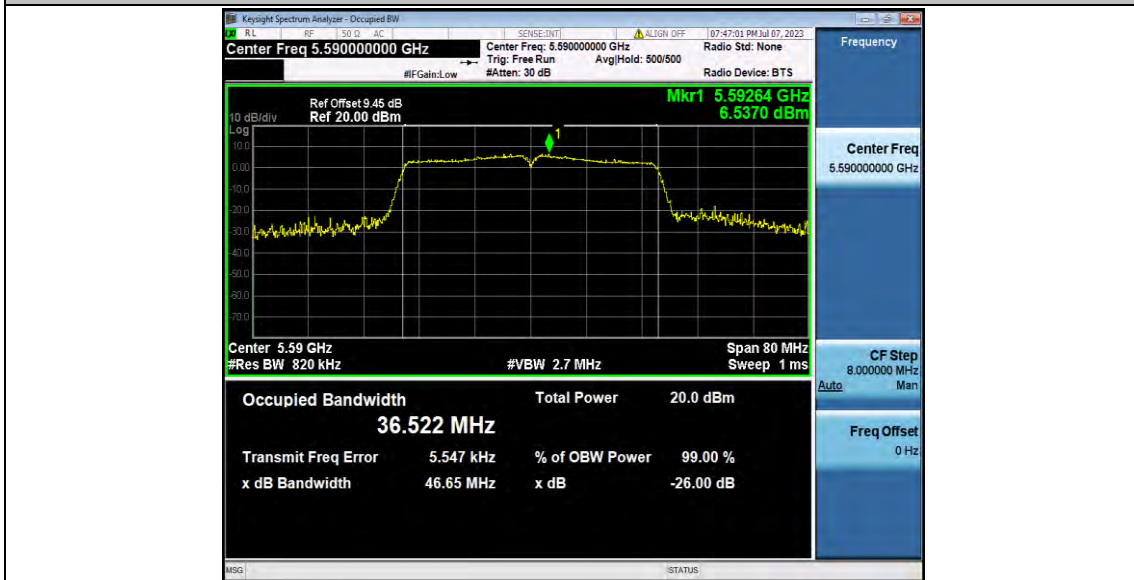
11AC20SISO\_Ant1\_5600



11AC20SISO\_Ant1\_5700



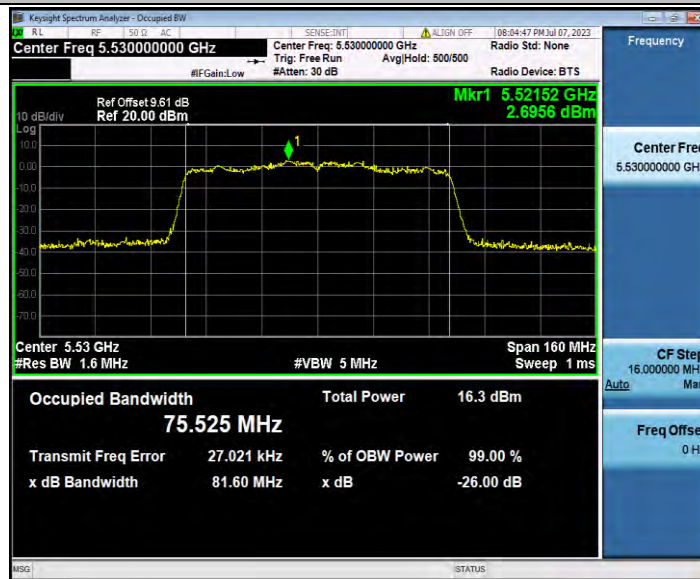
11AC40SISO\_Ant1\_5510



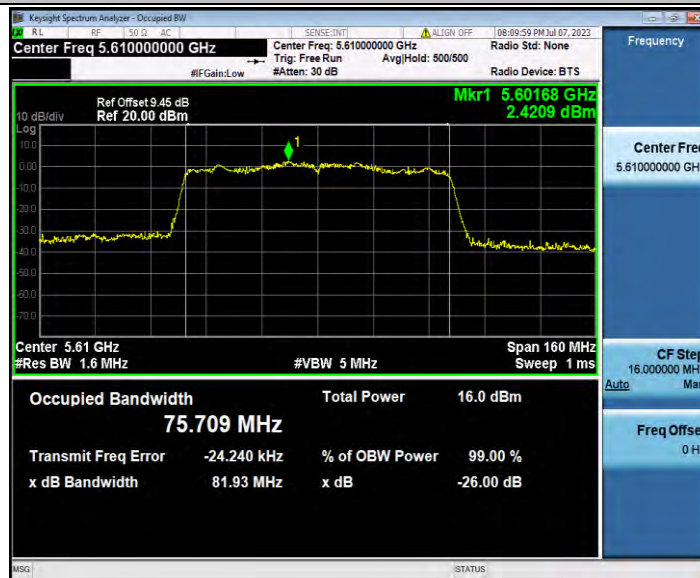
11AC40SISO\_Ant1\_5590



11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610

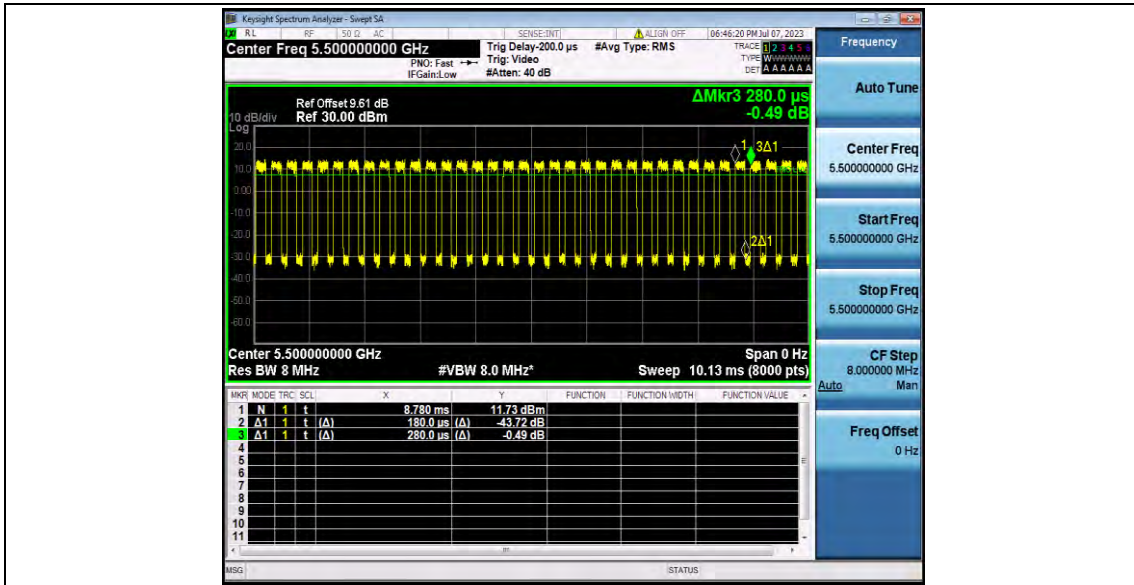


## Appendix F.3: Duty Cycle

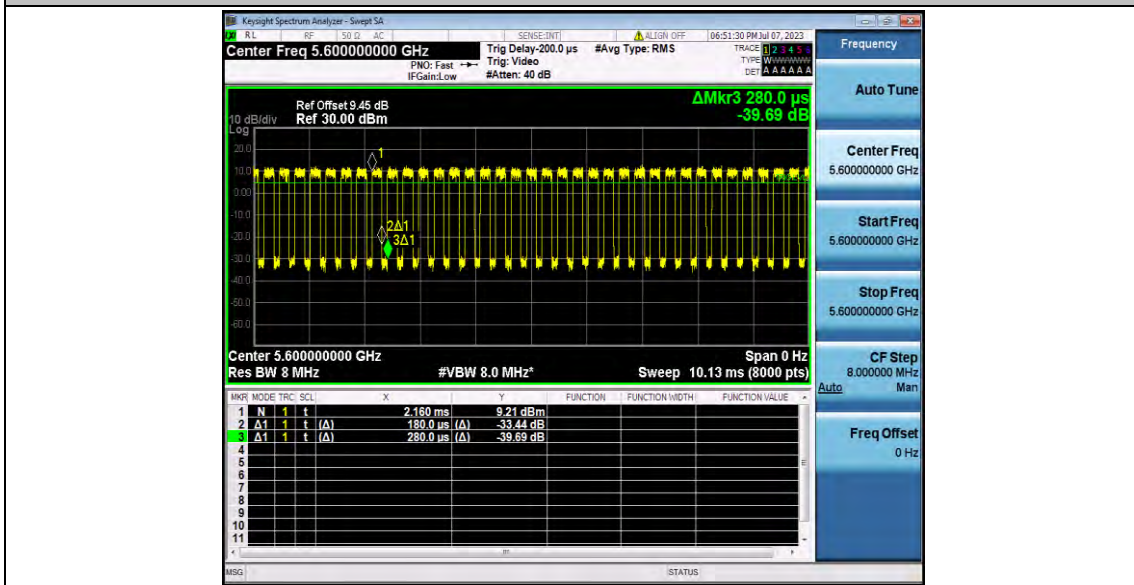
### Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5500	0.18	0.28	64.29
		5600	0.18	0.28	64.29
		5700	0.18	0.29	62.07
11N20SISO	Ant1	5500	0.16	0.27	59.26
		5600	0.16	0.27	59.26
		5700	0.16	0.26	61.54
11N40SISO	Ant1	5510	0.65	0.75	86.67
		5590	0.65	0.75	86.67
		5670	0.09	0.19	47.37
11AC20SISO	Ant1	5500	1.31	1.41	92.91
		5600	1.31	1.41	92.91
		5700	1.31	1.41	92.91
11AC40SISO	Ant1	5510	0.65	0.75	86.67
		5590	0.64	0.75	85.33
		5670	0.08	0.19	42.11
11AC80SISO	Ant1	5530	0.06	0.16	37.50
		5610	0.06	0.16	37.50

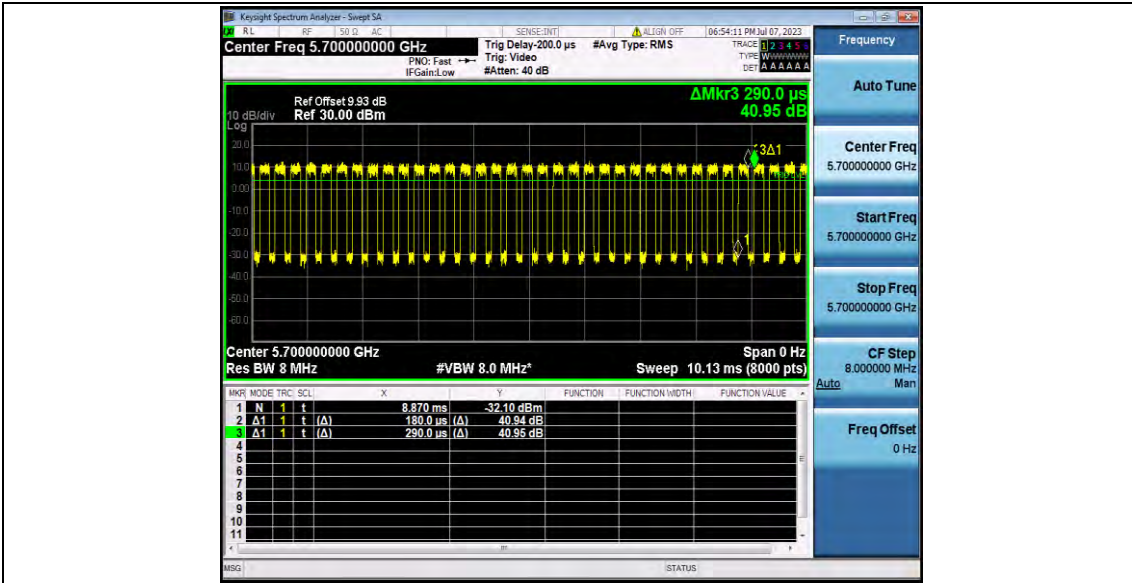
## Test Graphs



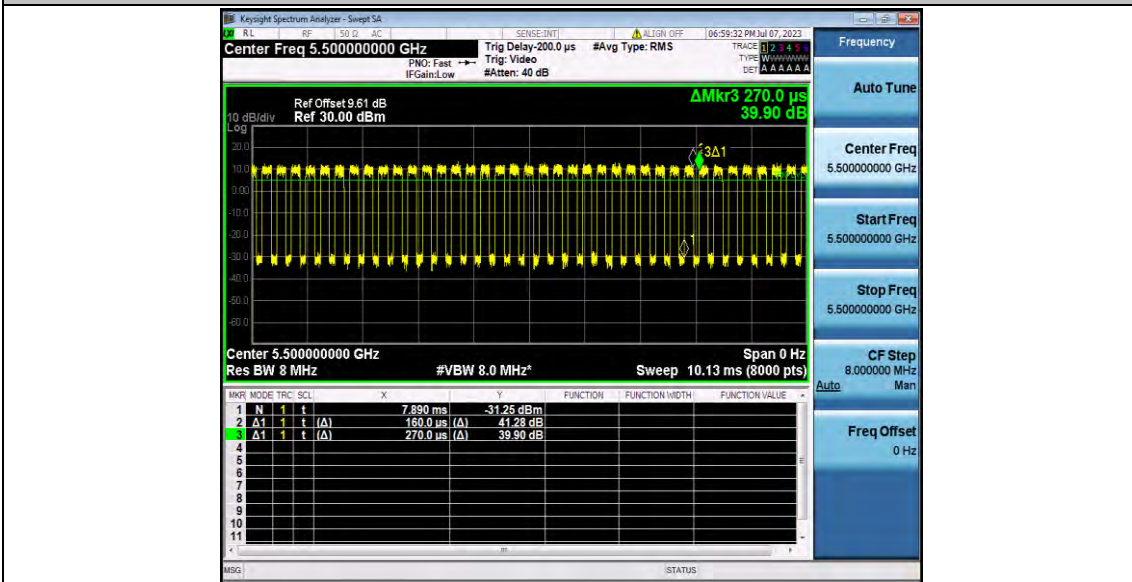
11A\_Ant1\_5500



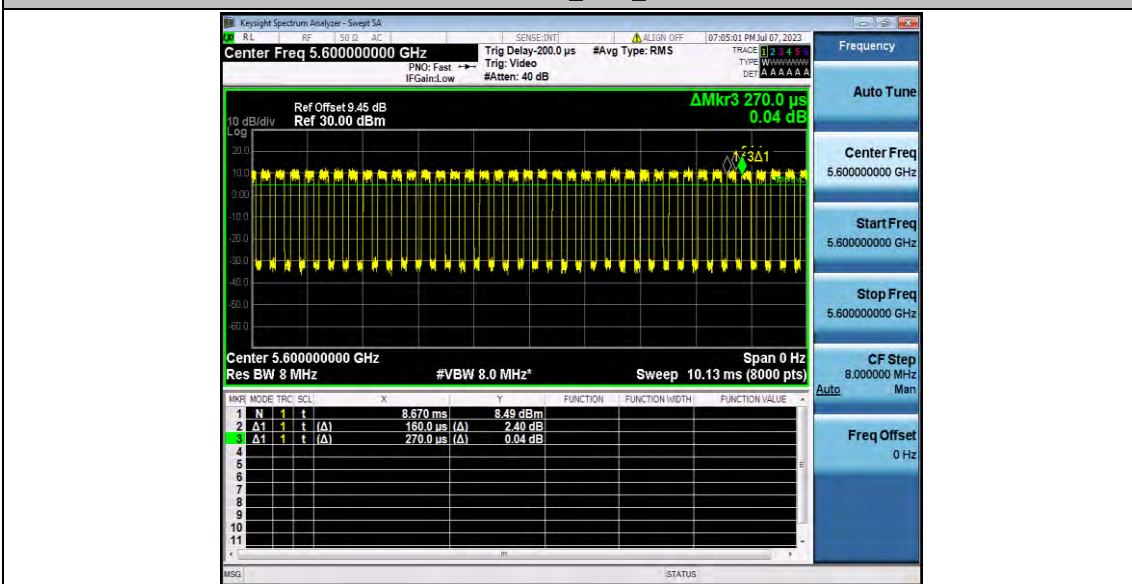
11A\_Ant1\_5600



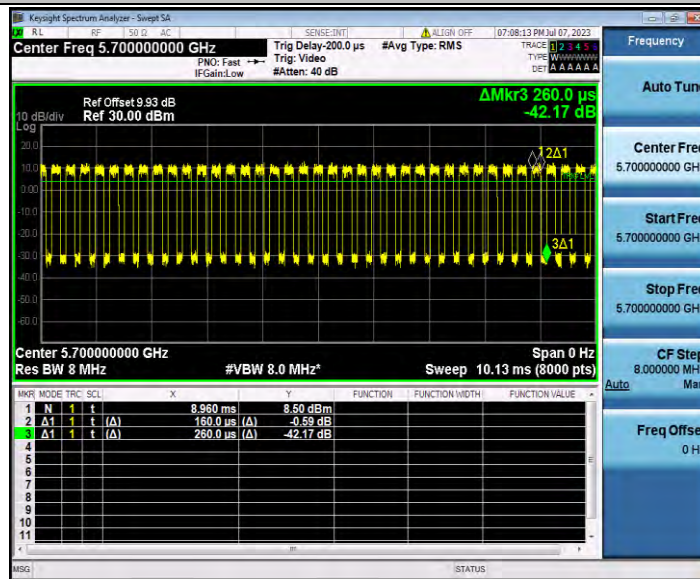
11A\_Ant1\_5700



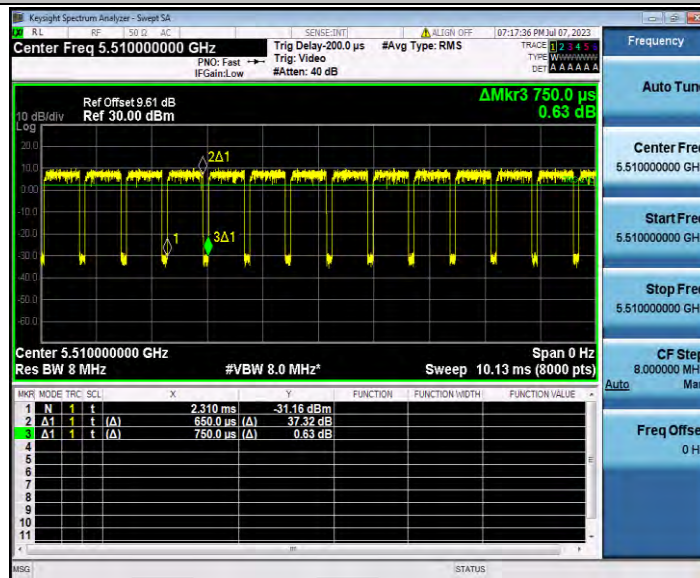
11N20SISO\_Ant1\_5500



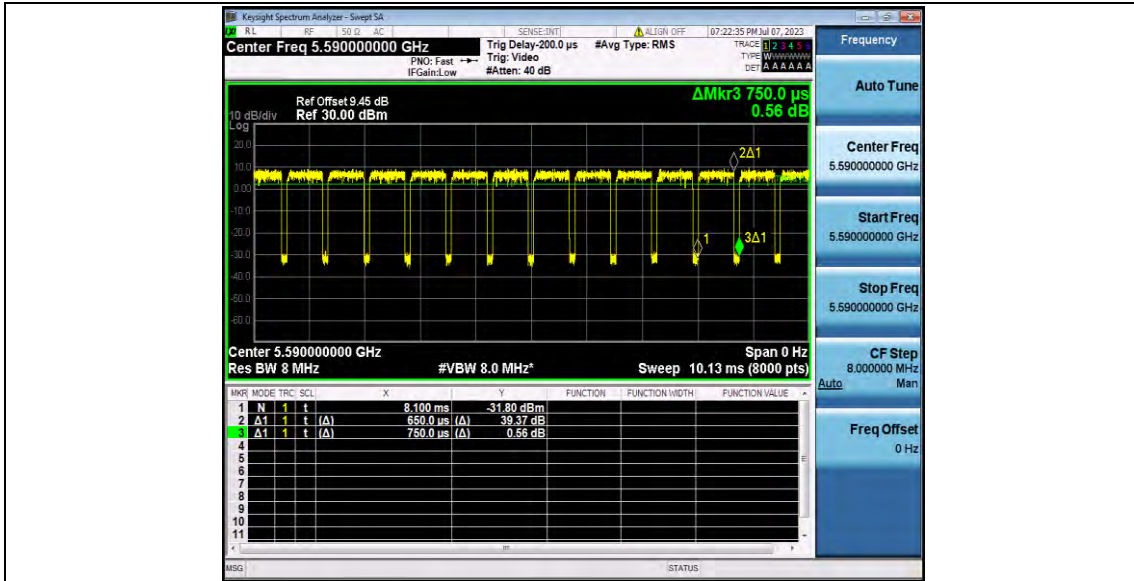
11N20SISO\_Ant1\_5600



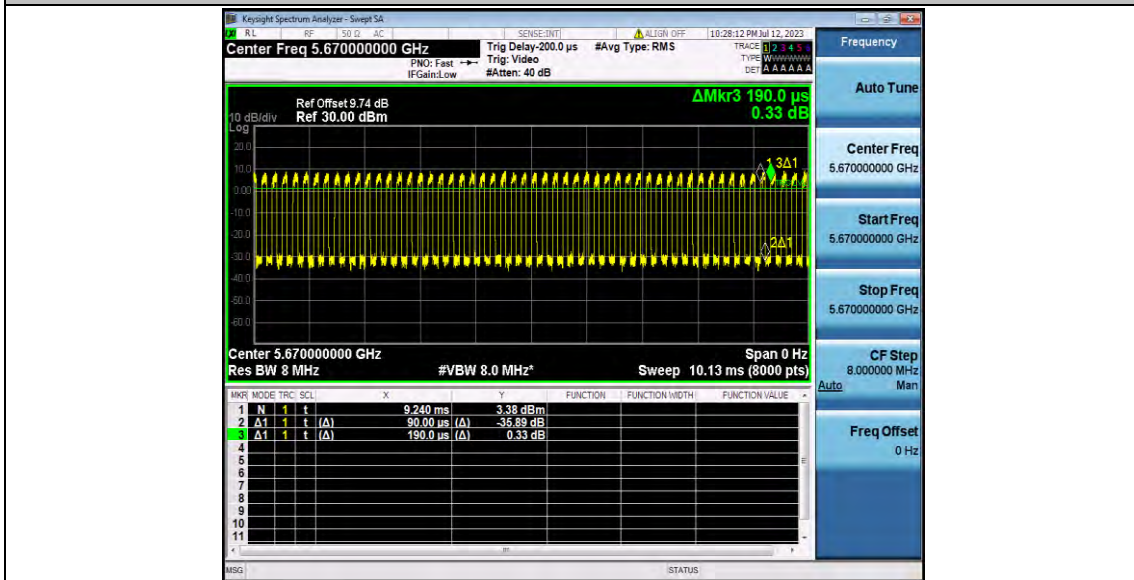
11N20SISO\_Ant1\_5700



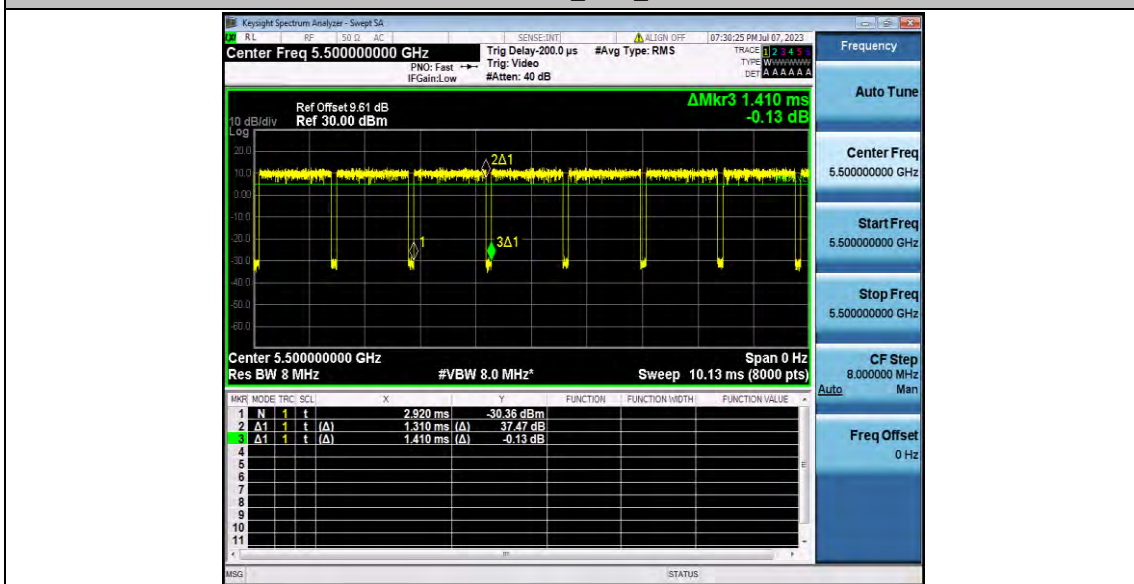
11N40SISO\_Ant1\_5510



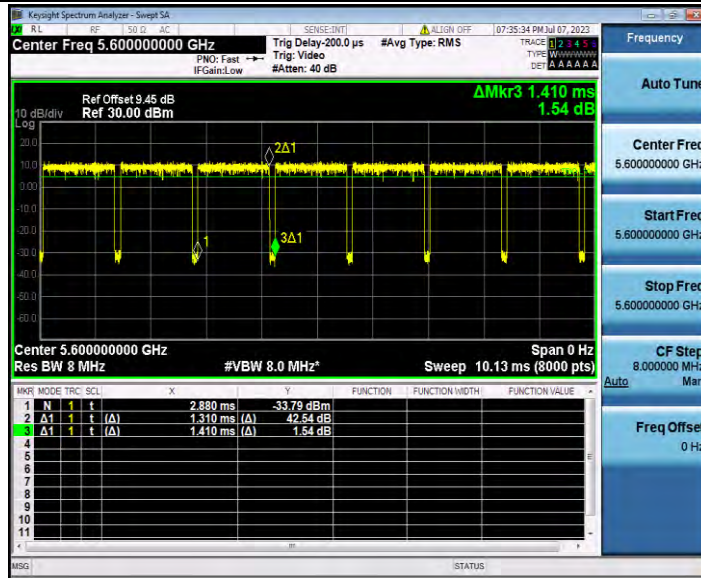
11N40SISO\_Ant1\_5590



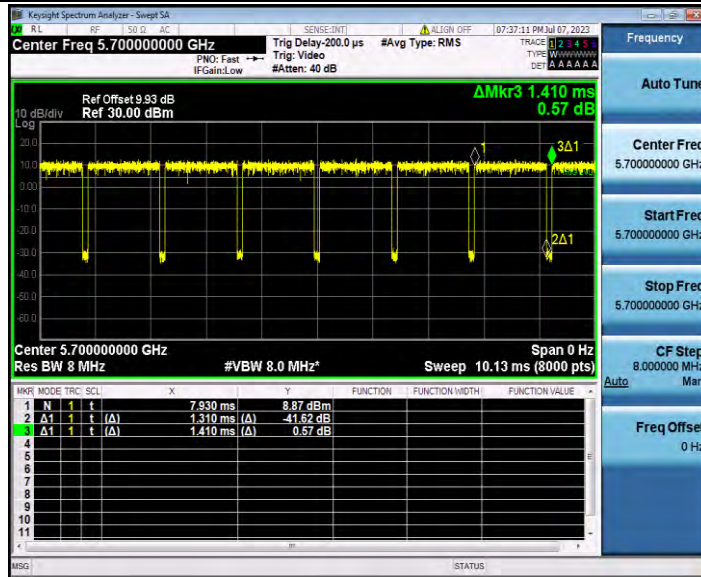
11N40SISO\_Ant1\_5670



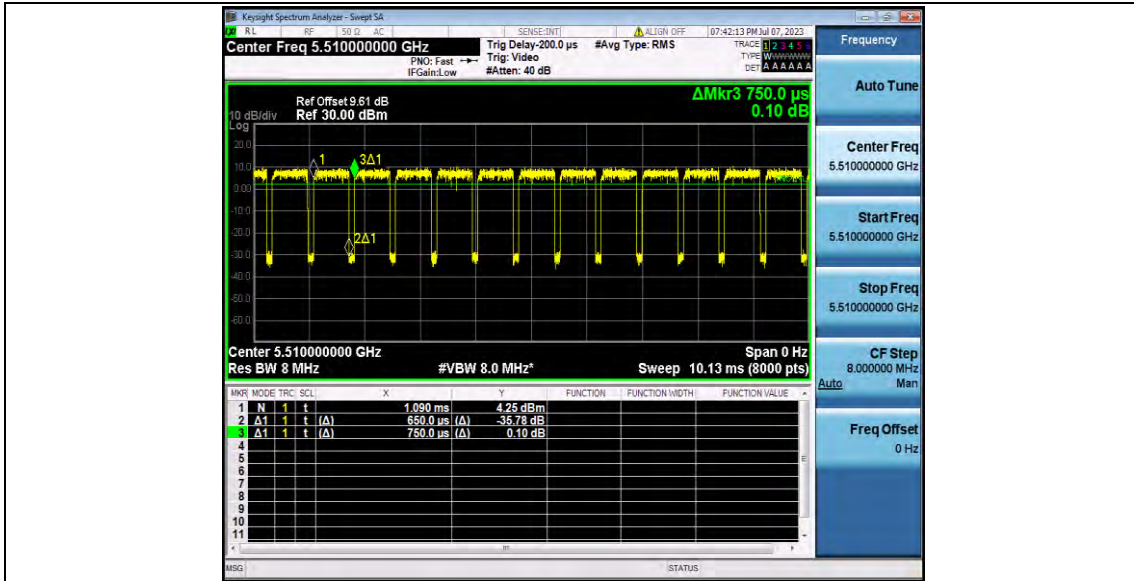
11AC20SISO\_Ant1\_5500



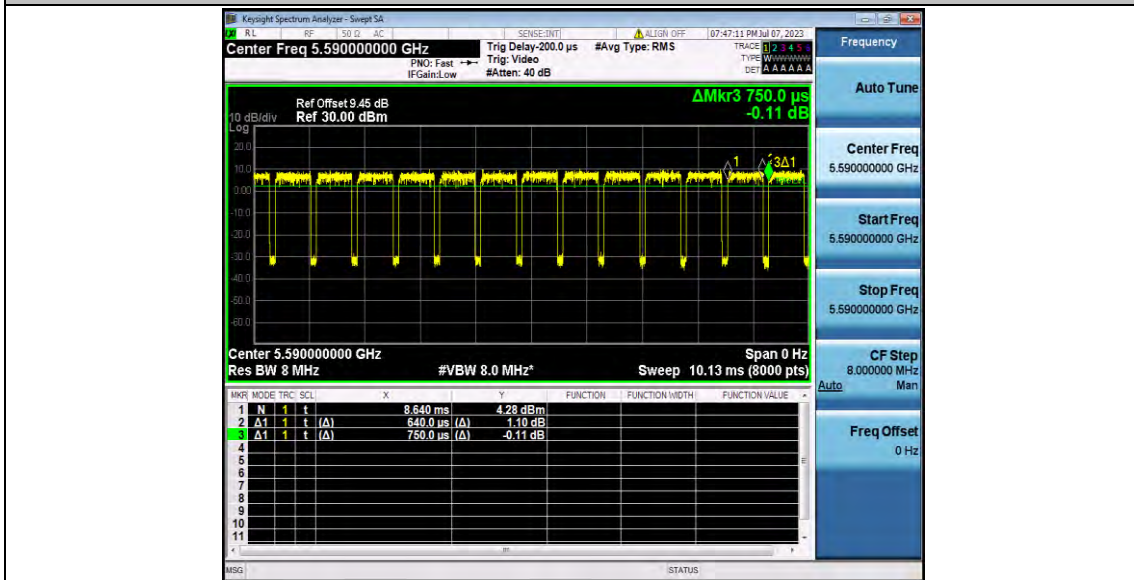
11AC20SISO\_Ant1\_5600



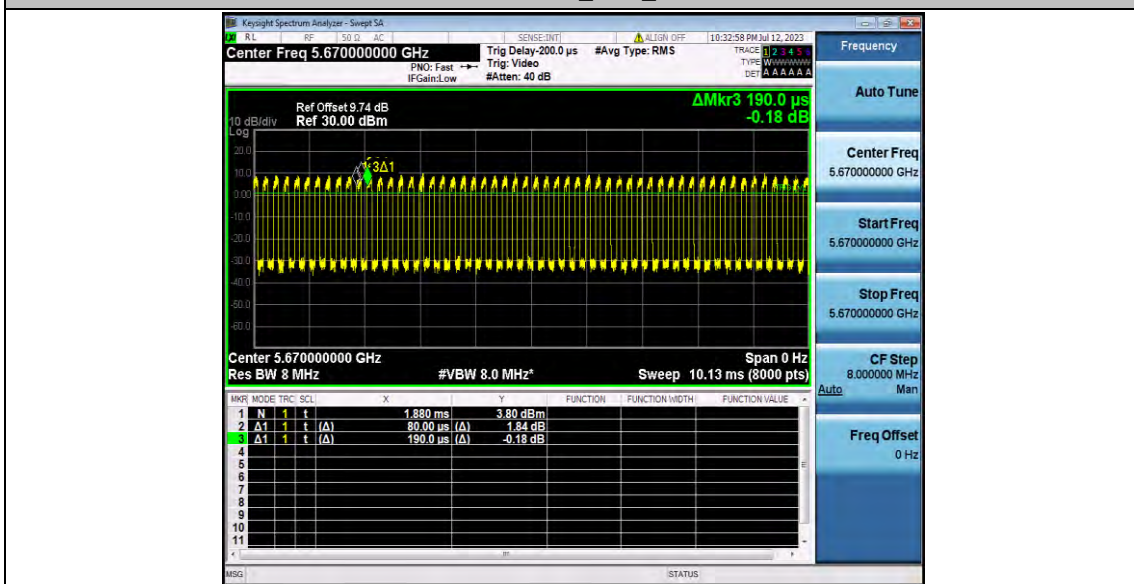
11AC20SISO\_Ant1\_5700



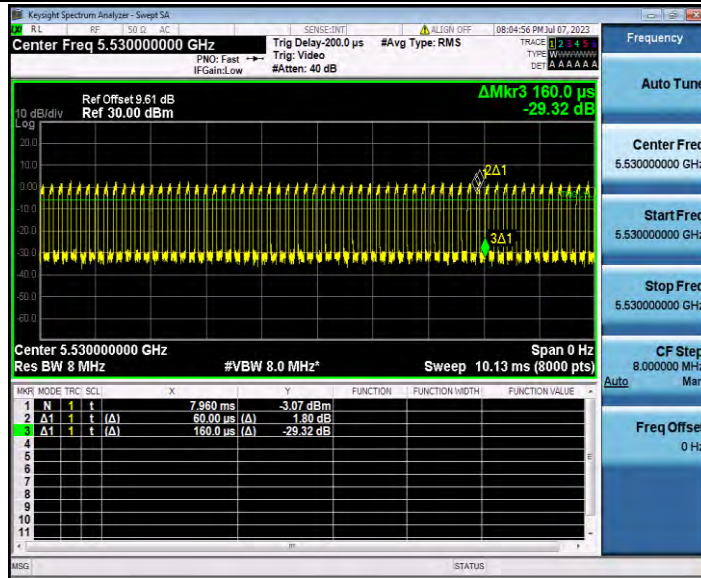
11AC40SISO\_Ant1\_5510



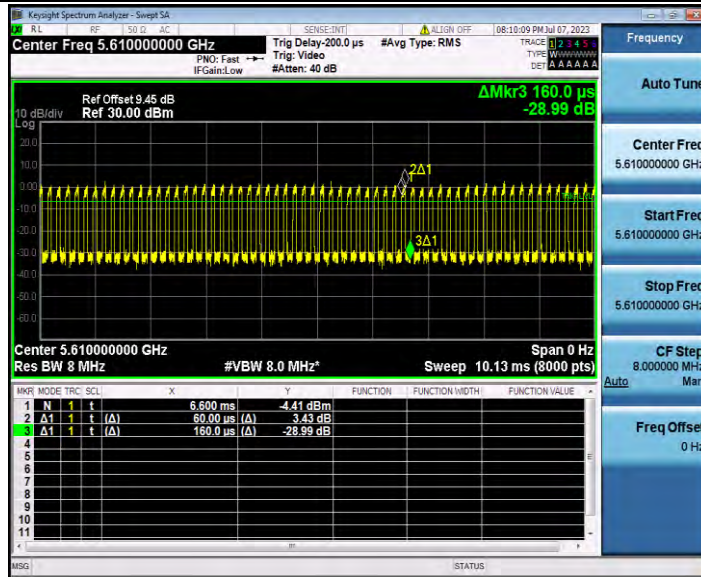
11AC40SISO\_Ant1\_5590



11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



## Appendix F.4: Maximum conducted output power

### Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	13.15	64.29	1.92	15.07	≤23.98	PASS
		5600	10.72	64.29	1.92	12.64	≤23.98	PASS
		5700	10.20	62.07	2.07	12.27	≤23.98	PASS
11N20SISO	Ant1	5500	10.83	59.26	2.27	13.10	≤23.98	PASS
		5600	10.51	59.26	2.27	12.78	≤23.98	PASS
		5700	9.94	61.54	2.11	12.05	≤23.98	PASS
11N40SISO	Ant1	5510	12.29	86.67	0.62	12.91	≤23.98	PASS
		5590	11.85	86.67	0.62	12.47	≤23.98	PASS
		5670	8.79	47.37	3.24	12.03	≤23.98	PASS
11AC20SISO	Ant1	5500	12.59	92.91	0.32	12.91	≤23.98	PASS
		5600	12.13	92.91	0.32	12.45	≤23.98	PASS
		5700	11.98	92.91	0.32	12.30	≤23.98	PASS
11AC40SISO	Ant1	5510	12.28	86.67	0.62	12.90	≤23.98	PASS
		5590	11.94	85.33	0.69	12.63	≤23.98	PASS
		5670	8.84	42.11	3.76	12.60	≤23.98	PASS
11AC80SISO	Ant1	5530	5.96	37.50	4.26	10.22	≤23.98	PASS
		5610	5.51	37.50	4.26	9.77	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

## Appendix F.5: Maximum power spectral density

### Test Result

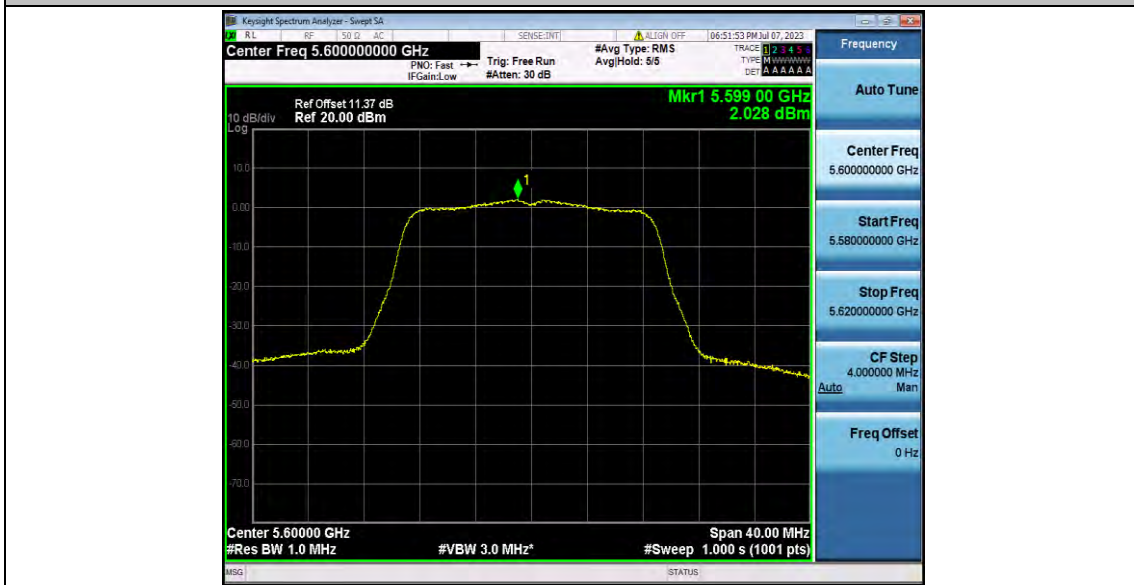
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	4.43	≤11.00	PASS
		5600	2.03	≤11.00	PASS
		5700	1.75	≤11.00	PASS
11N20SISO	Ant1	5500	2.39	≤11.00	PASS
		5600	2.12	≤11.00	PASS
		5700	1.65	≤11.00	PASS
11N40SISO	Ant1	5510	-0.53	≤11.00	PASS
		5590	-0.61	≤11.00	PASS
		5670	-1.25	≤11.00	PASS
11AC20SISO	Ant1	5500	2.27	≤11.00	PASS
		5600	1.94	≤11.00	PASS
		5700	1.83	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.46	≤11.00	PASS
		5590	-0.58	≤11.00	PASS
		5670	-0.77	≤11.00	PASS
11AC80SISO	Ant1	5530	-7.61	≤11.00	PASS
		5610	-7.9	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

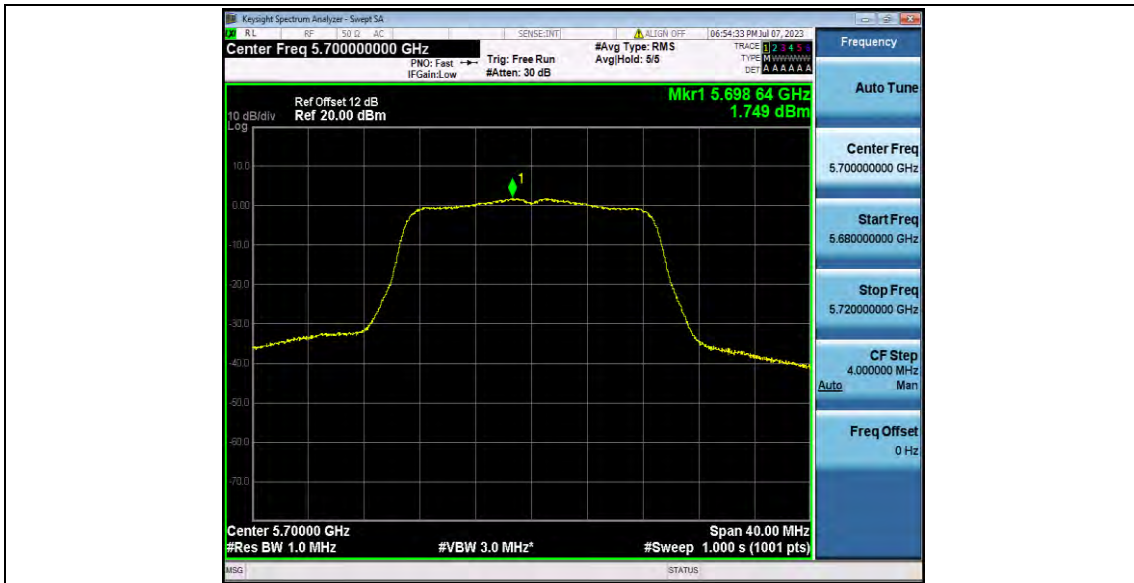
## Test Graphs



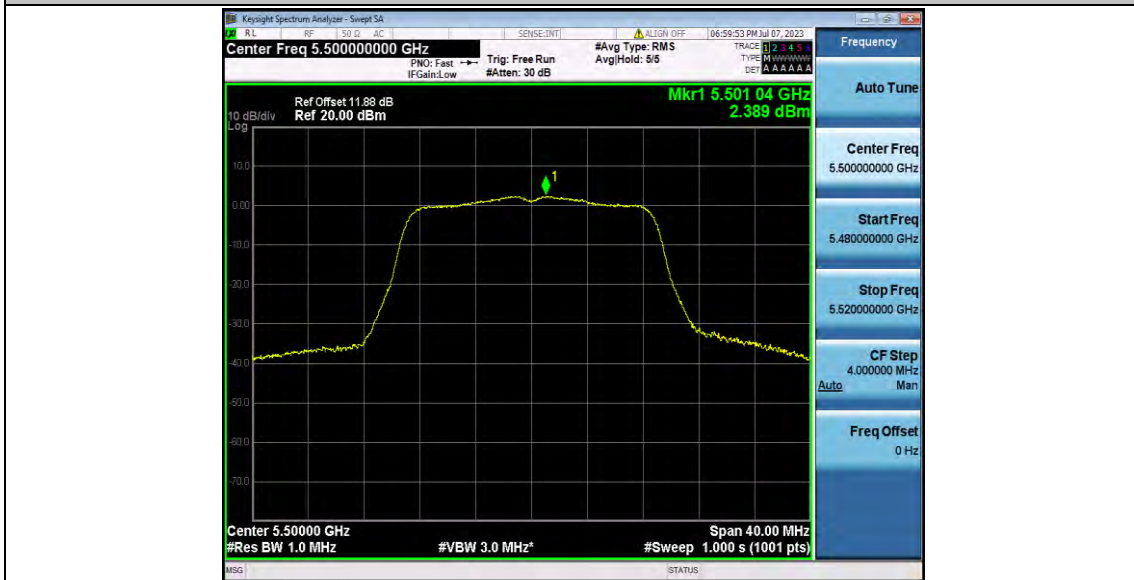
11A\_Ant1\_5500



11A\_Ant1\_5600



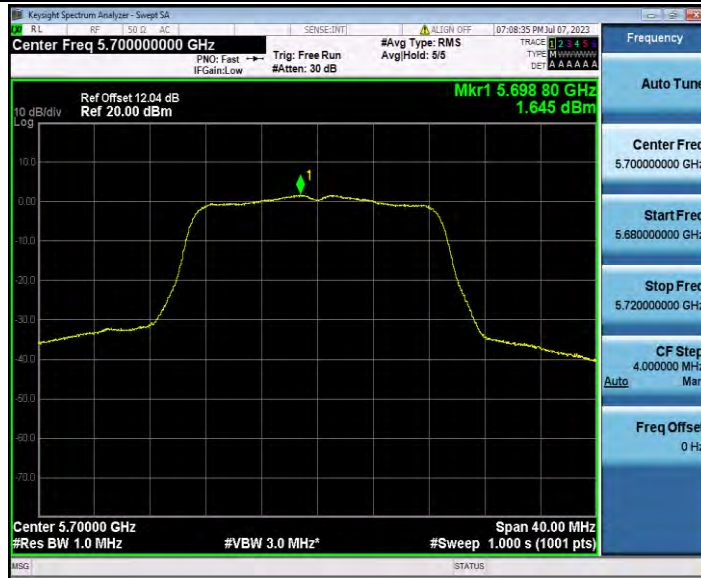
11A\_Ant1\_5700



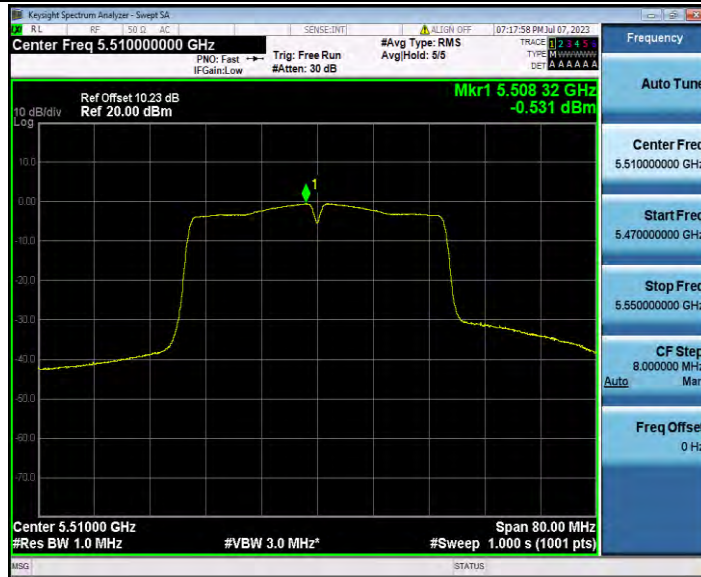
11N20SISO\_Ant1\_5500



11N20SISO\_Ant1\_5600



11N20SISO\_Ant1\_5700



11N40SISO\_Ant1\_5510



11N40SISO\_Ant1\_5590



11N40SISO\_Ant1\_5670



11AC20SISO\_Ant1\_5500



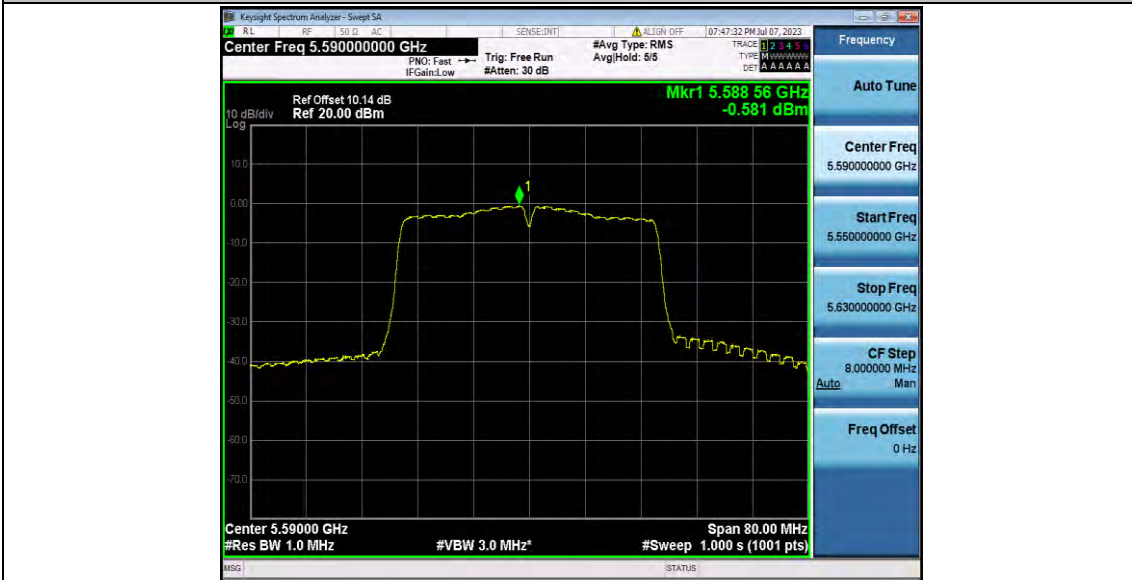
11AC20SISO\_Ant1\_5600



11AC20SISO\_Ant1\_5700



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5590





11AC40SISO\_Ant1\_5670



11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610