

Case No. : GTS202205100015-1-14	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.7.18	Test Engineer: Jenny zeng

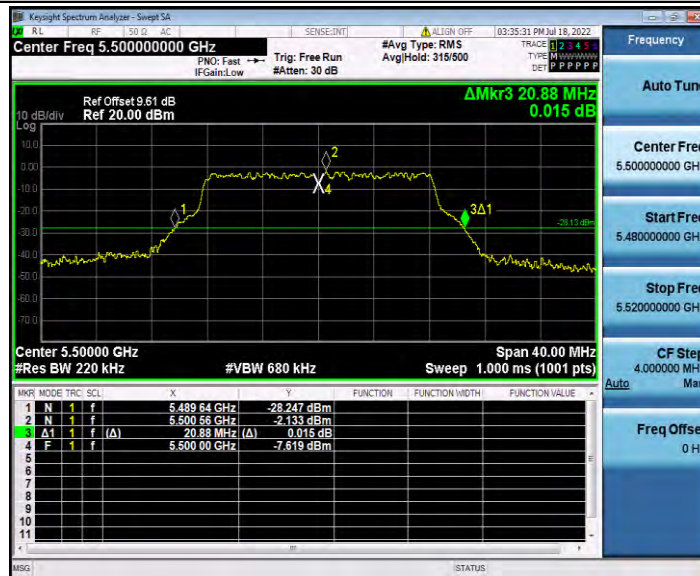
Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.880	5489.640	5510.520	---	---
		5600	20.960	5589.600	5610.560	---	---
		5700	21.040	5689.440	5710.480	---	---
11N20SISO	Ant1	5500	21.240	5489.440	5510.680	---	---
		5600	21.320	5589.360	5610.680	---	---
		5700	21.920	5688.800	5710.720	---	---
11N40SISO	Ant1	5510	40.160	5489.920	5530.080	---	---
		5590	39.840	5570.080	5609.920	---	---
		5670	40.000	5649.920	5689.920	---	---
11AC20SISO	Ant1	5500	21.320	5489.320	5510.640	---	---
		5600	21.640	5589.240	5610.880	---	---
		5700	21.480	5689.200	5710.680	---	---
11AC40SISO	Ant1	5510	40.400	5489.760	5530.160	---	---
		5590	40.160	5569.840	5610.000	---	---
		5670	40.480	5649.760	5690.240	---	---
11AC80SISO	Ant1	5530	80.960	5489.680	5570.640	---	---
		5610	85.760	5567.440	5653.200	---	---

Test Graphs

11A_Ant1_5500



11A_Ant1_5600



11A_Ant1_5700



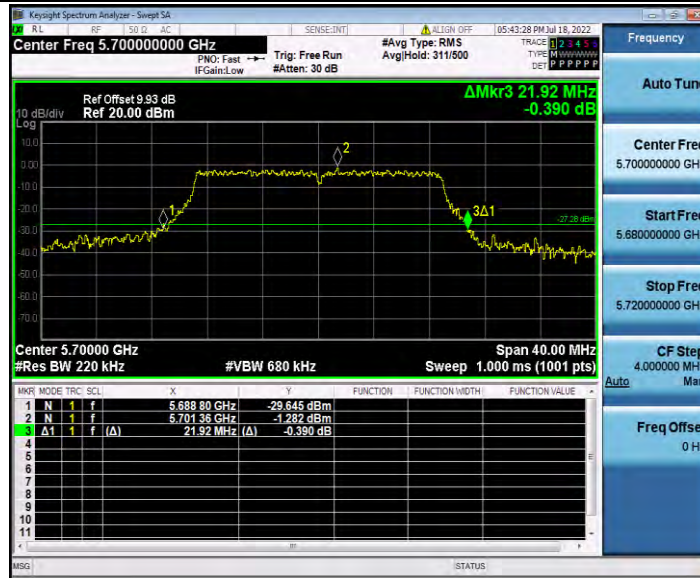
11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



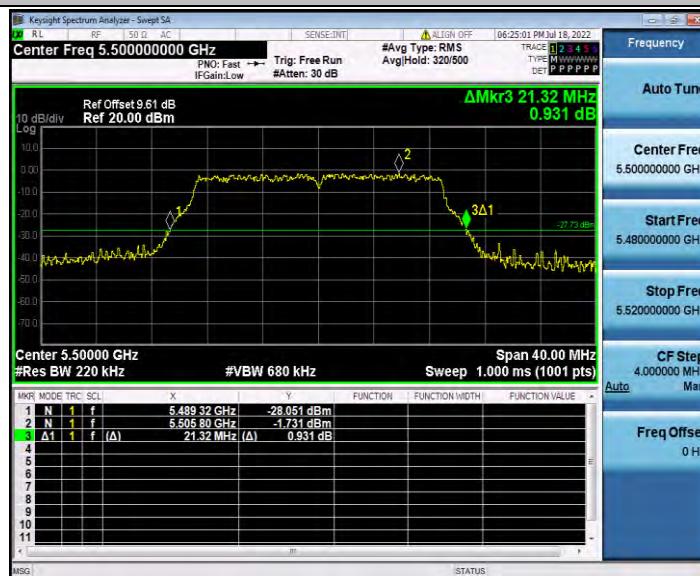
11N40SISO_Ant1_5590



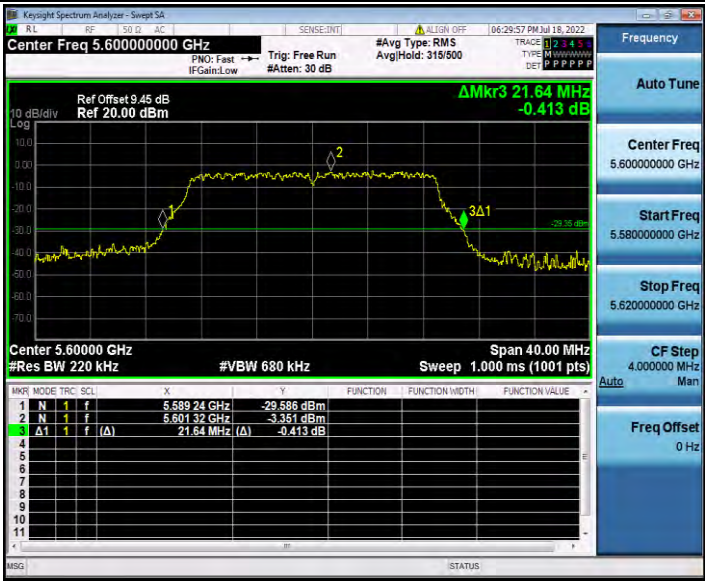
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



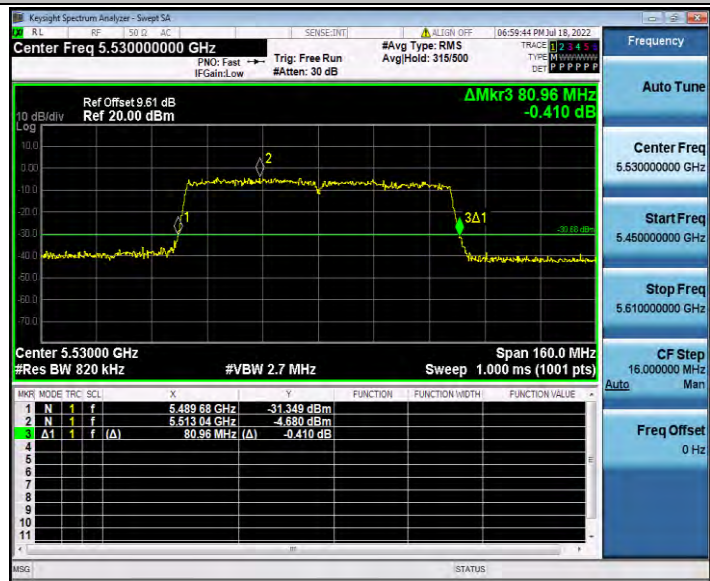
11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



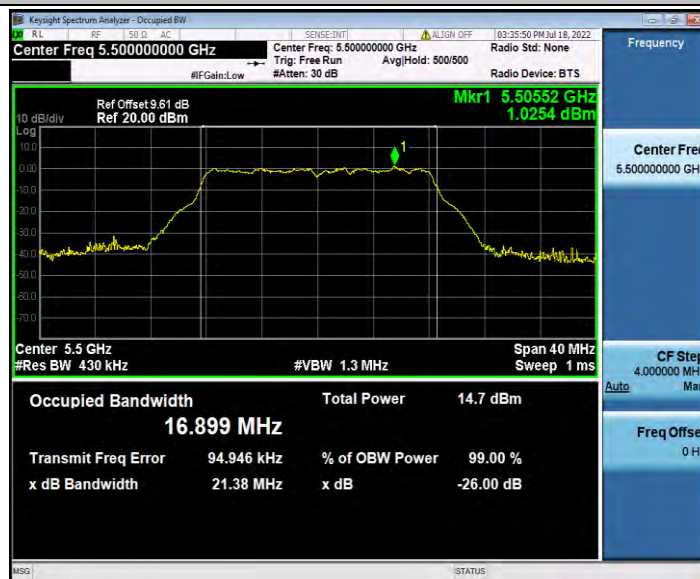
Appendix F.2: Occupied channel bandwidth

Test Result

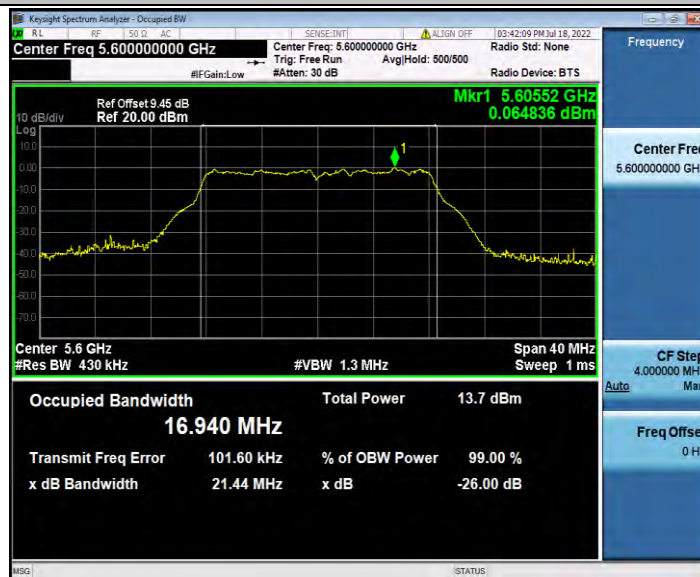
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.899	5491.645	5508.544	---	---
		5600	16.940	5591.632	5608.572	---	---
		5700	16.933	5691.582	5708.515	---	---
11N20SISO	Ant1	5500	18.165	5490.978	5509.143	---	---
		5600	18.323	5590.888	5609.211	---	---
		5700	18.297	5690.868	5709.165	---	---
11N40SISO	Ant1	5510	36.752	5491.572	5528.324	---	---
		5590	36.701	5571.650	5608.351	---	---
		5670	36.579	5651.709	5688.288	---	---
11AC20SISO	Ant1	5500	18.248	5490.863	5509.111	---	---
		5600	18.296	5590.851	5609.147	---	---
		5700	18.313	5690.780	5709.093	---	---
11AC40SISO	Ant1	5510	36.733	5491.592	5528.325	---	---
		5590	36.973	5571.494	5608.467	---	---
		5670	36.822	5651.480	5688.302	---	---
11AC80SISO	Ant1	5530	75.896	5492.025	5567.921	---	---
		5610	76.200	5571.886	5648.086	---	---

Test Graphs

11A_Ant1_5500



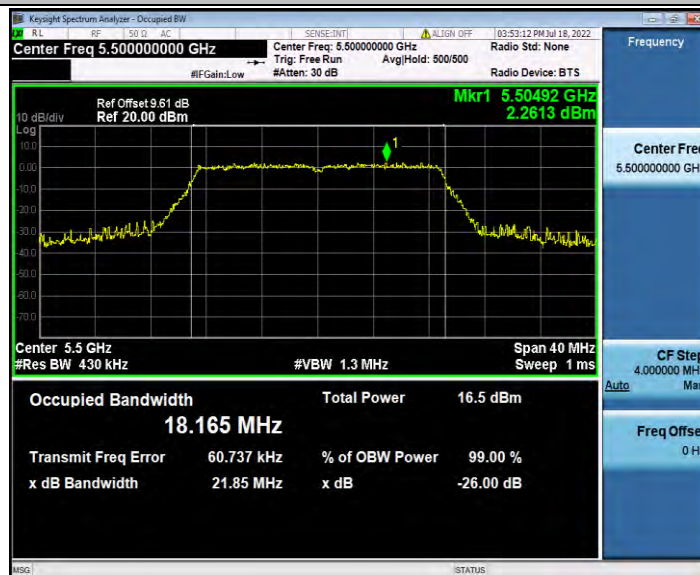
11A_Ant1_5600



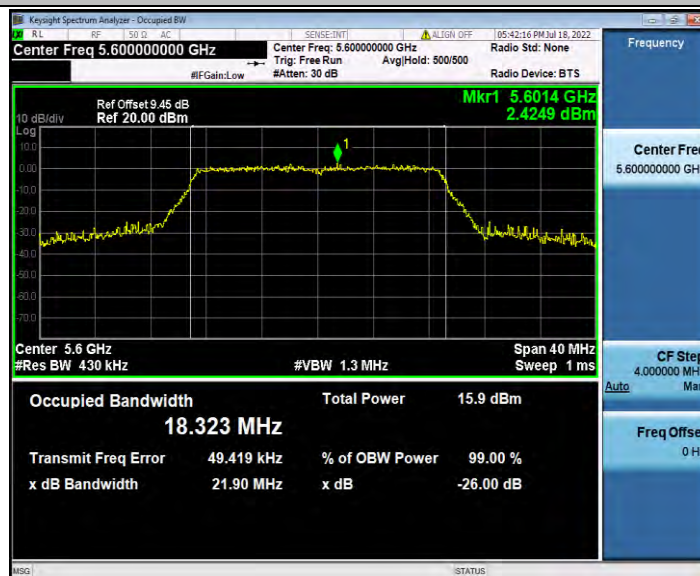
11A_Ant1_5700



11N20SISO_Ant1_5500



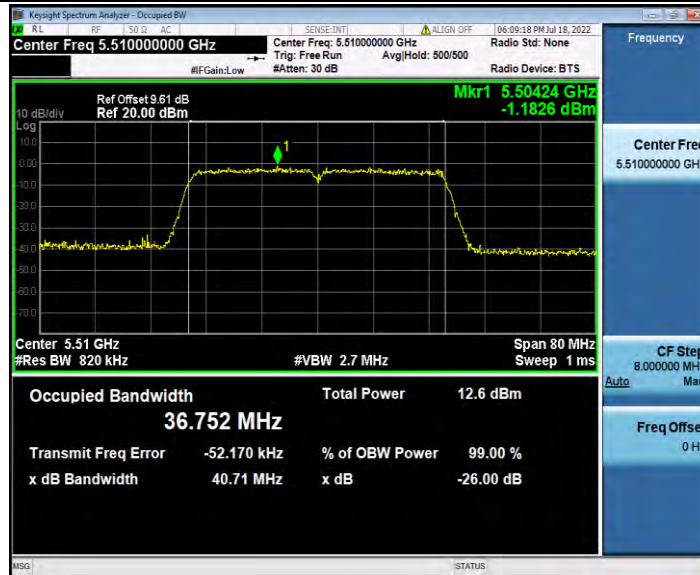
11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



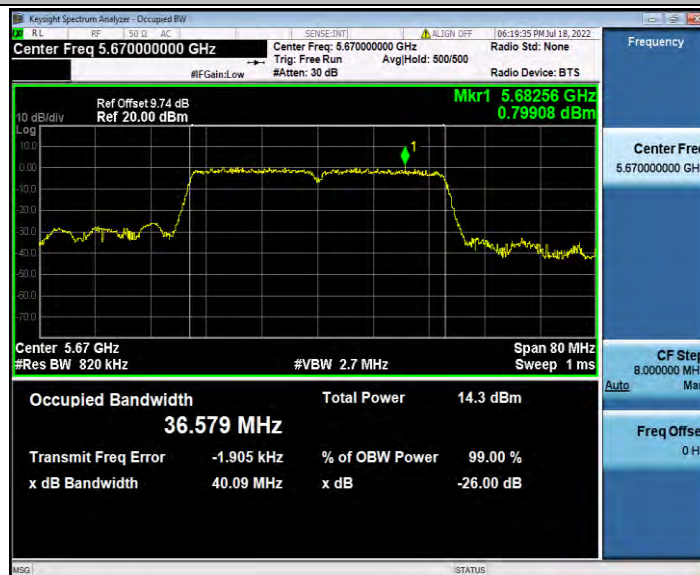
11N40SISO_Ant1_5510



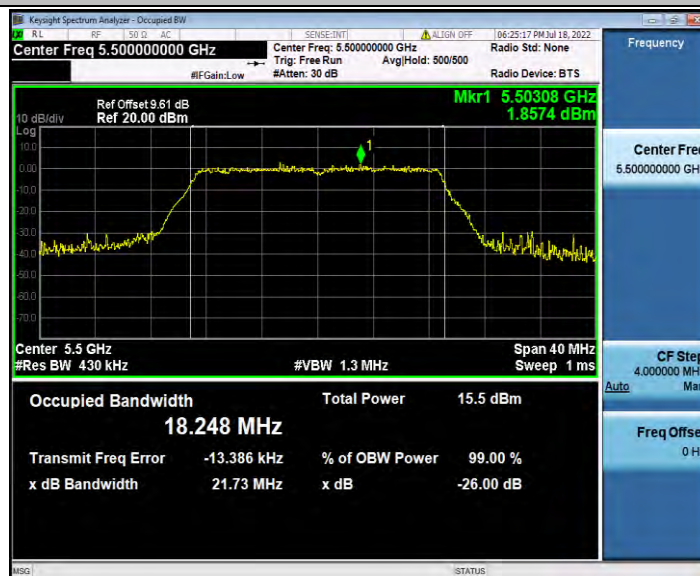
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



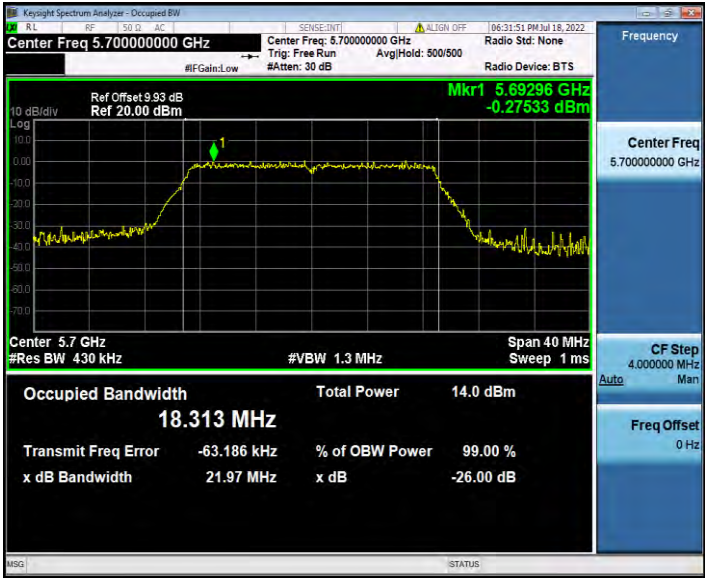
11AC20SISO_Ant1_5500



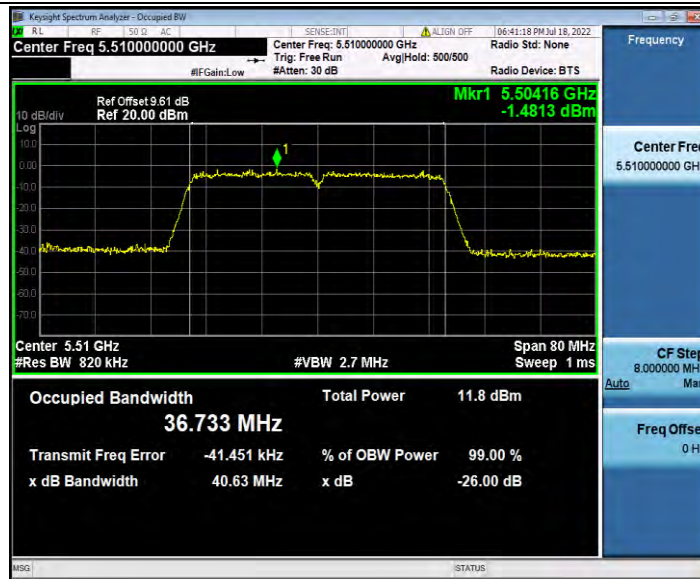
11AC20SISO_Ant1_5600



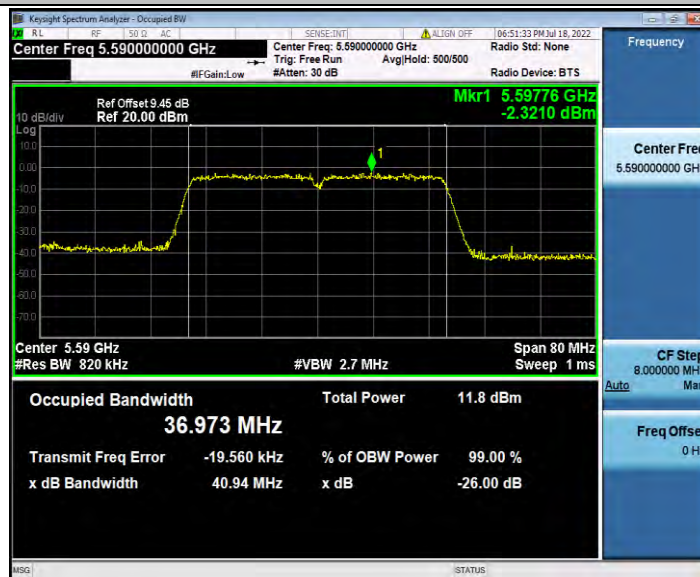
11AC20SISO_Ant1_5700



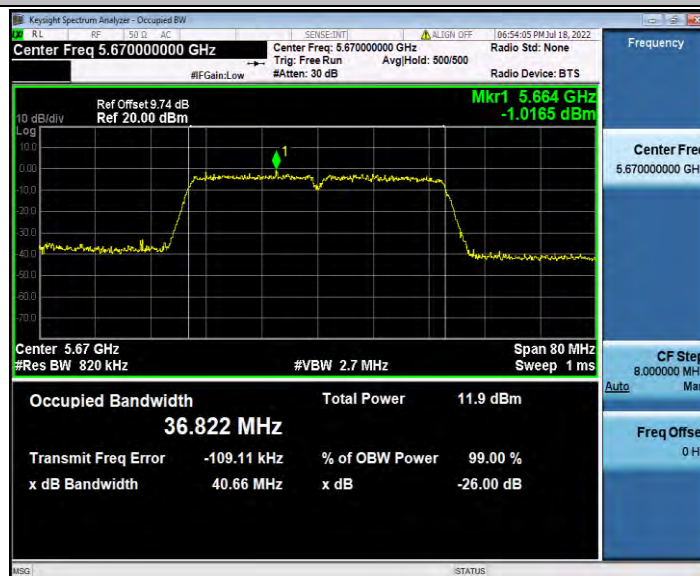
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



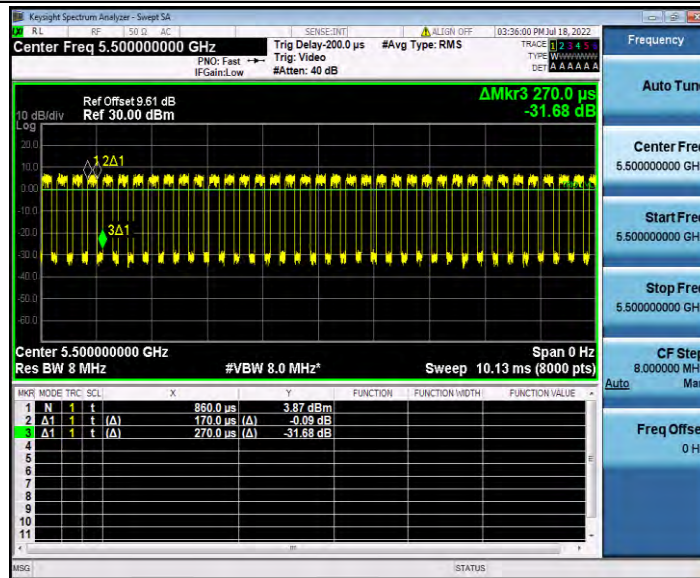
Appendix F.3: Duty Cycle

Test Result

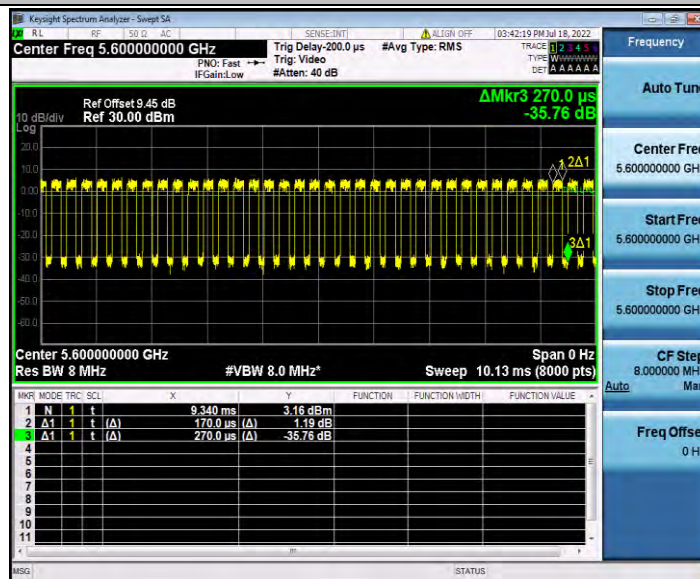
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dBm]
11A	Ant1	5500	0.17	0.27	62.96	2.01
		5600	0.17	0.27	62.96	2.01
		5700	0.18	0.28	64.29	1.92
11N20SISO	Ant1	5500	0.16	0.26	61.54	2.11
		5600	0.16	0.26	61.54	2.11
		5700	0.16	0.26	61.54	2.11
11N40SISO	Ant1	5510	0.09	0.19	47.37	3.24
		5590	0.10	0.20	50.00	3.01
		5670	0.10	0.20	50.00	3.01
11AC20SISO	Ant1	5500	0.15	0.25	60.00	2.22
		5600	0.15	0.25	60.00	2.22
		5700	0.14	0.25	56.00	2.52
11AC40SISO	Ant1	5510	0.09	0.19	47.37	3.24
		5590	0.08	0.19	42.11	3.76
		5670	0.09	0.19	47.37	3.24
11AC80SISO	Ant1	5530	0.07	0.17	41.18	3.85
		5610	0.06	0.13	46.15	3.36

Test Graphs

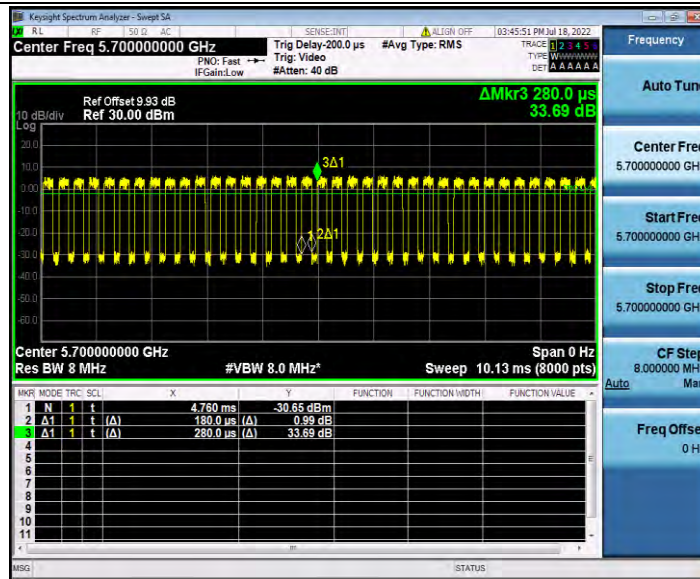
11A_Ant1_5500



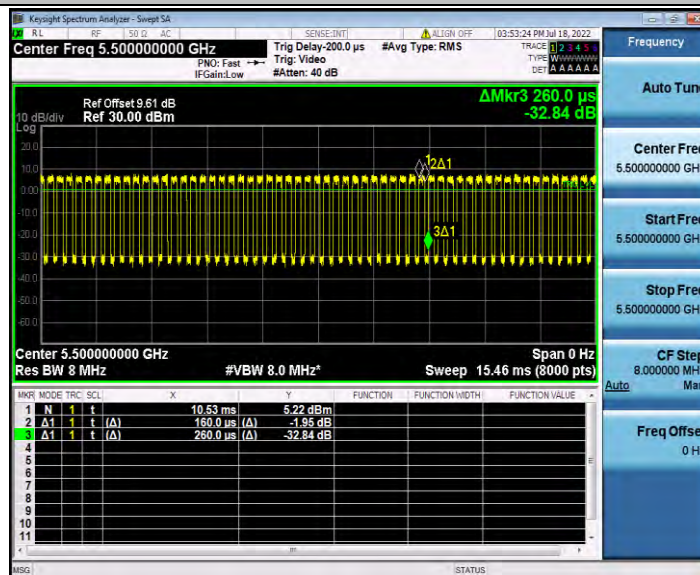
11A_Ant1_5600



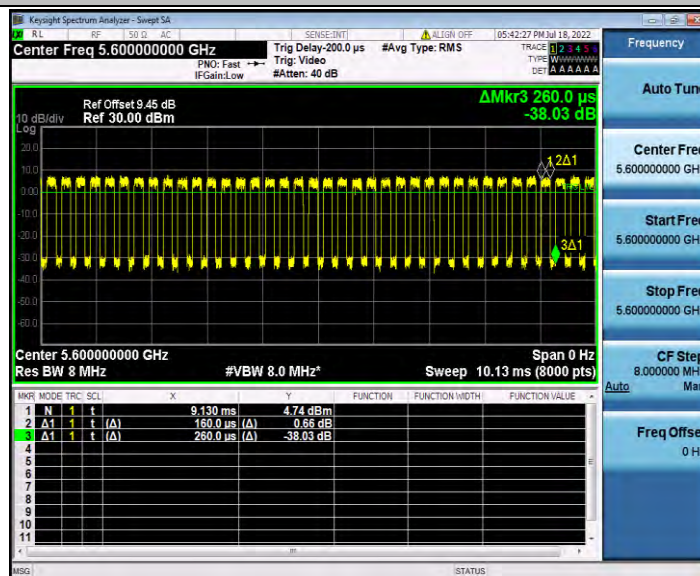
11A_Ant1_5700



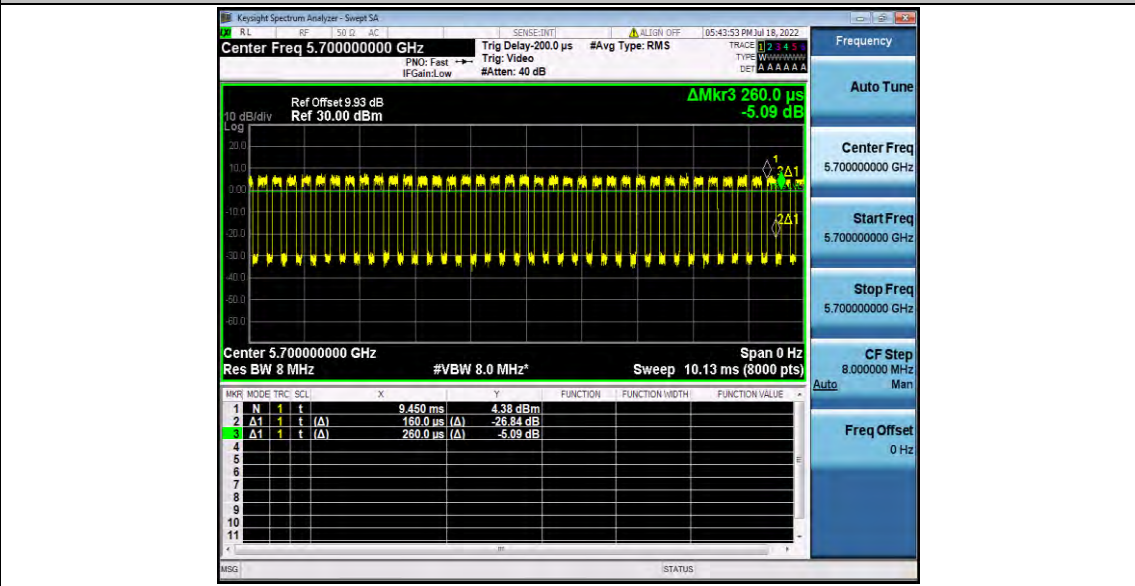
11N20SISO_Ant1_5500



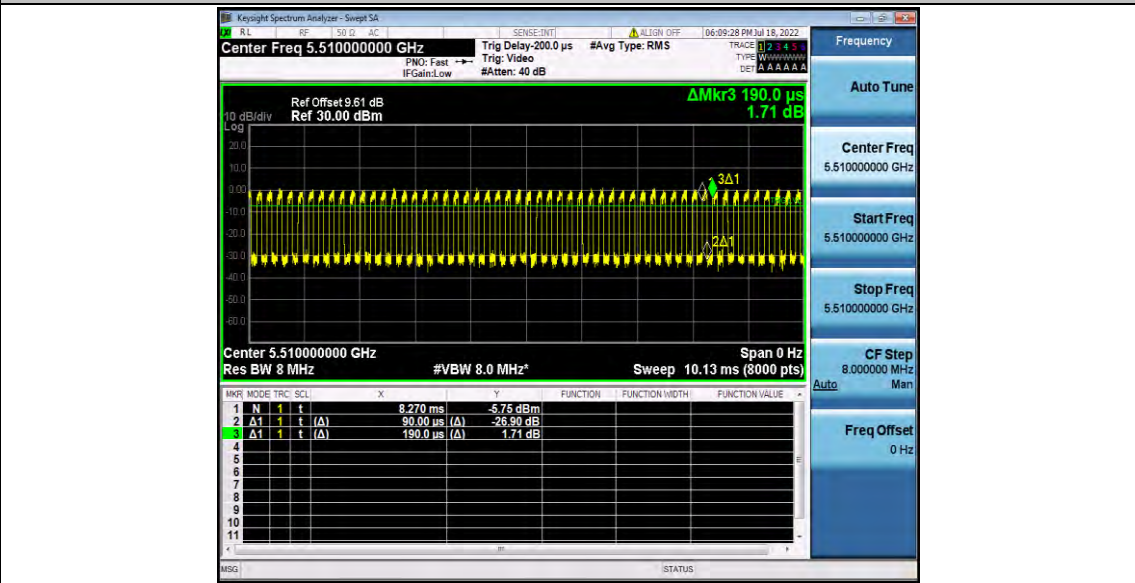
11N20SISO_Ant1_5600



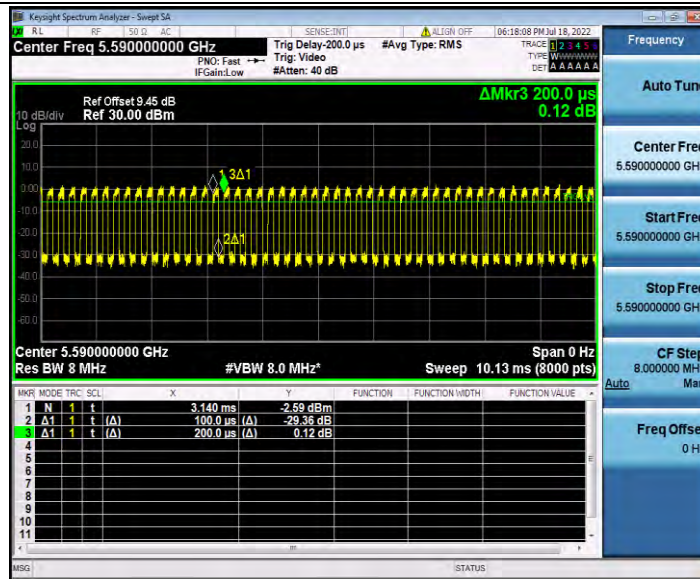
11N20SISO_Ant1_5700



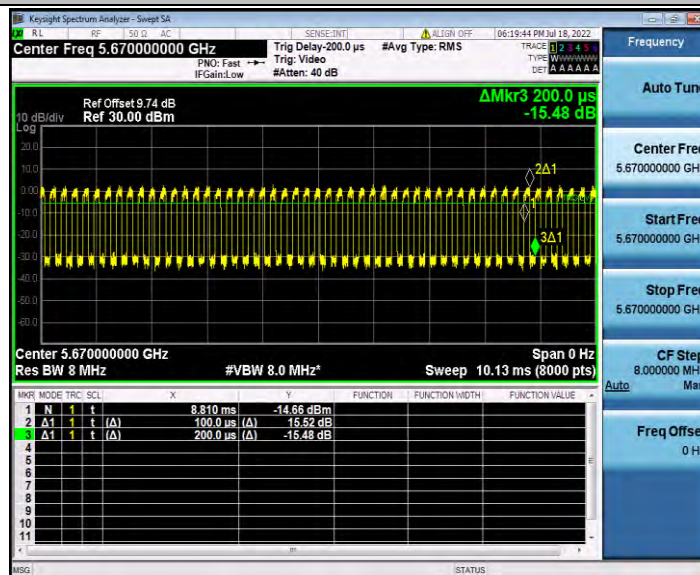
11N40SISO_Ant1_5510



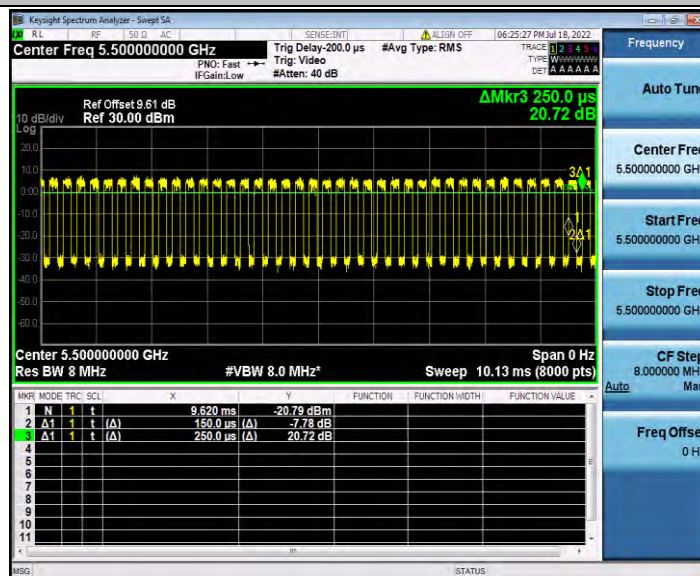
11N40SISO_Ant1_5590



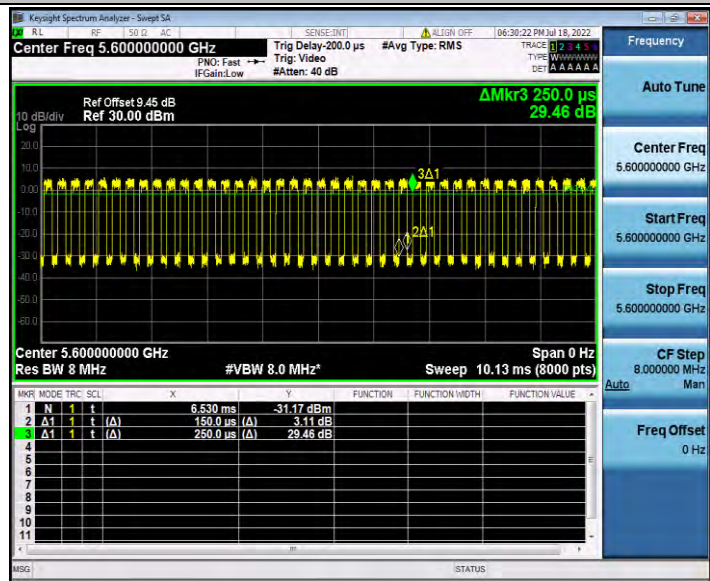
11N40SISO_Ant1_5670



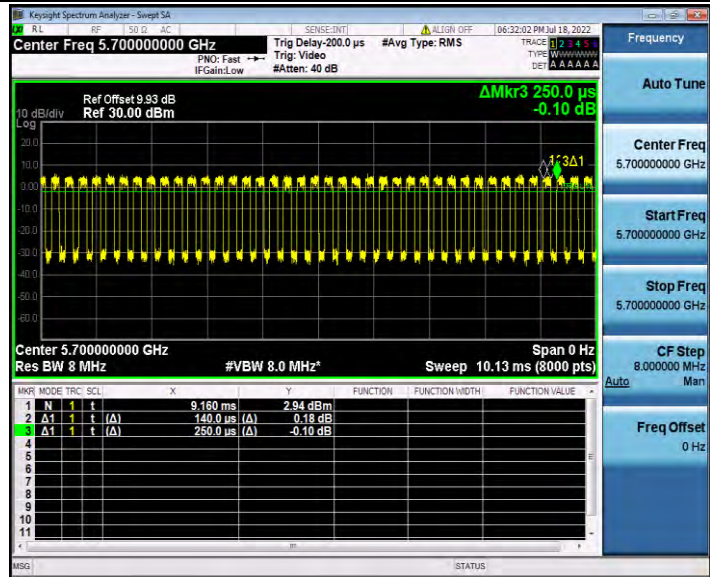
11AC20SISO_Ant1_5500



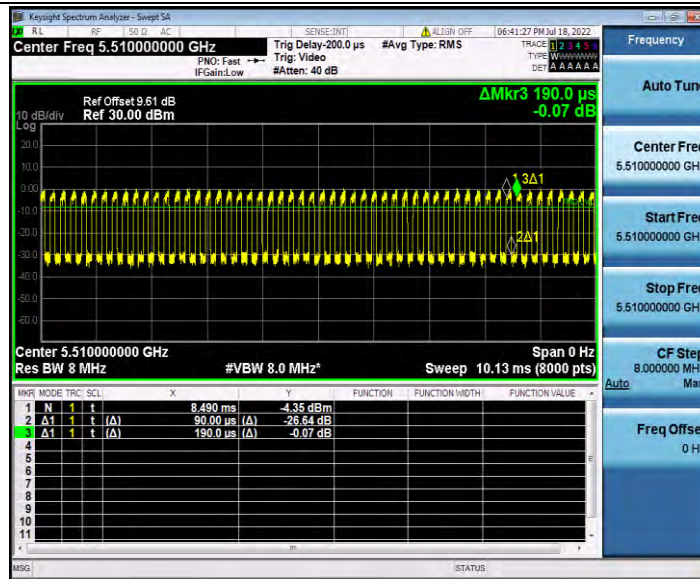
11AC20SISO_Ant1_5600



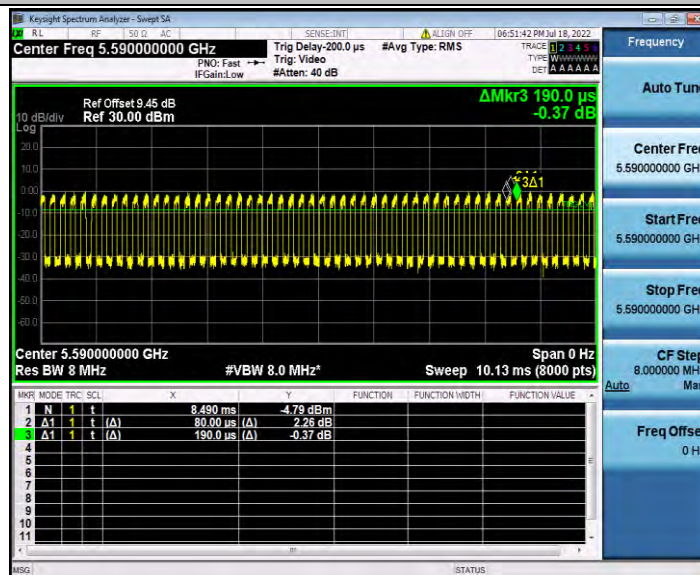
11AC20SISO_Ant1_5700



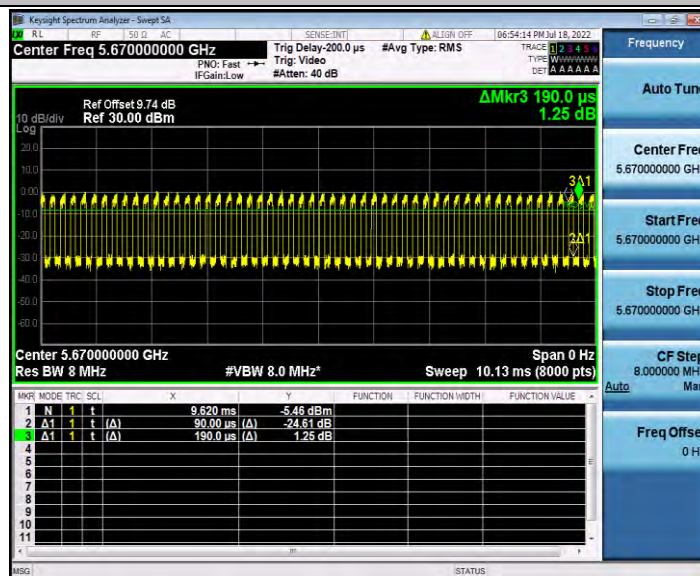
11AC40SISO_Ant1_5510



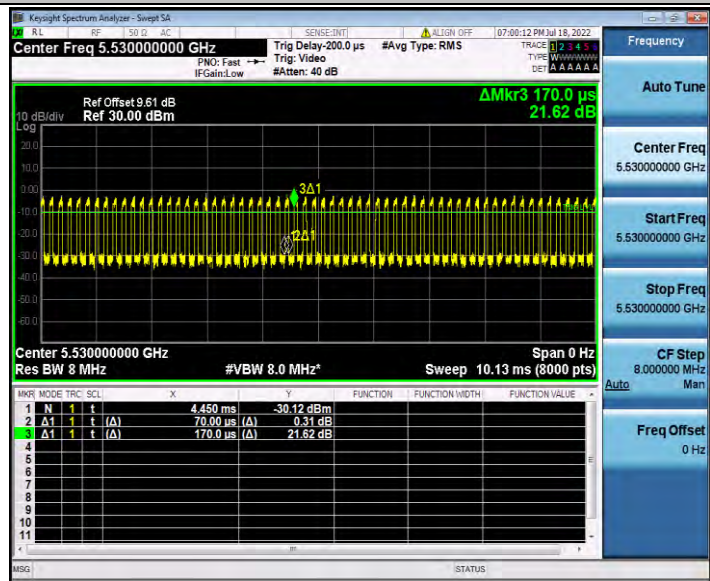
11AC40SISO_Ant1_5590



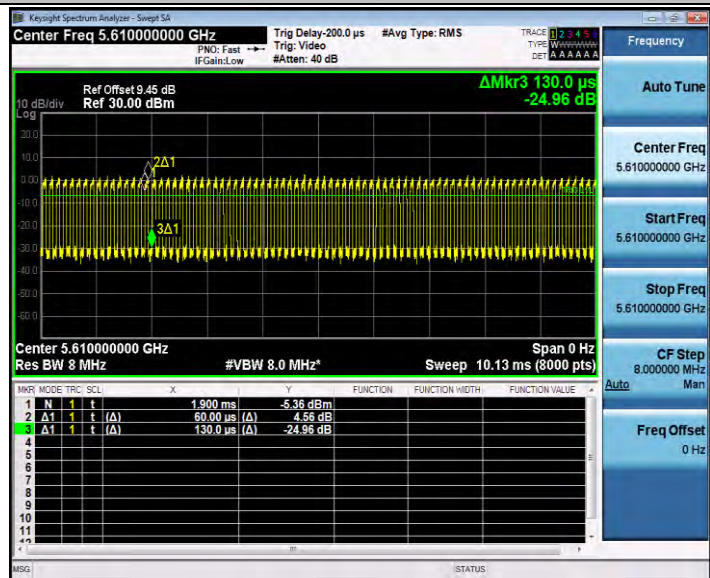
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



Appendix F.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	4.81	≤11.00	PASS
		5600	3.75	≤11.00	PASS
		5700	3.36	≤11.00	PASS
11N20SISO	Ant1	5500	6.75	≤11.00	PASS
		5600	5.51	≤11.00	PASS
		5700	4.78	≤11.00	PASS
11N40SISO	Ant1	5510	0.15	≤11.00	PASS
		5590	2.93	≤11.00	PASS
		5670	1.92	≤11.00	PASS
11AC20SISO	Ant1	5500	5.59	≤11.00	PASS
		5600	3.99	≤11.00	PASS
		5700	4.88	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.2	≤11.00	PASS
		5590	0.72	≤11.00	PASS
		5670	-0.53	≤11.00	PASS
11AC80SISO	Ant1	5530	-1.97	≤11.00	PASS
		5610	1.99	≤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



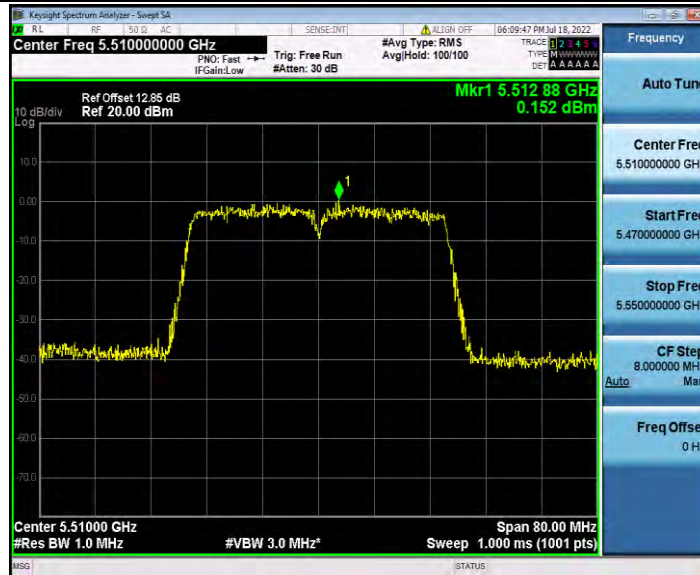
11N20SISO_Ant1_5600



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

