

Case No. : GTS20220808003-1-4	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2022.8.23	Test Engineer: Jenny zeng

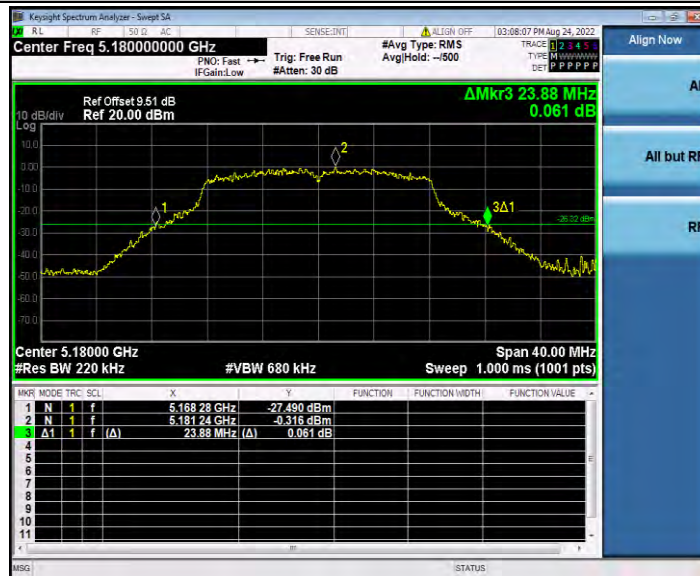
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.880	5168.280	5192.160	---	---
		5200	23.280	5188.480	5211.760	---	---
		5240	23.560	5228.240	5251.800	---	---
11N20SISO	Ant1	5180	23.560	5168.600	5192.160	---	---
		5200	23.520	5188.160	5211.680	---	---
		5240	23.680	5228.040	5251.720	---	---
11N40SISO	Ant1	5190	43.040	5168.640	5211.680	---	---
		5230	43.120	5208.160	5251.280	---	---
11AC20SISO	Ant1	5180	22.320	5169.080	5191.400	---	---
		5200	23.200	5188.560	5211.760	---	---
		5240	22.960	5228.600	5251.560	---	---
11AC40SISO	Ant1	5190	43.120	5168.720	5211.840	---	---
		5230	42.880	5208.720	5251.600	---	---
11AC80SISO	Ant1	5210	84.320	5167.920	5252.240	---	---
11AX20SISO	Ant1	5180	22.800	5168.760	5191.560	---	---
		5200	22.400	5188.960	5211.360	---	---
		5240	23.400	5228.320	5251.720	---	---
11AX40SISO	Ant1	5190	43.200	5168.800	5212.000	---	---
		5230	41.440	5209.360	5250.800	---	---
11AX80SISO	Ant1	5210	82.240	5169.360	5251.600	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



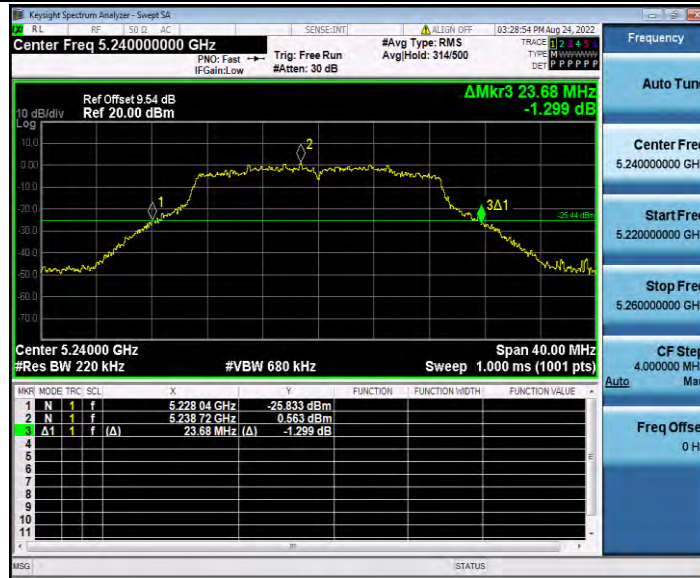
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



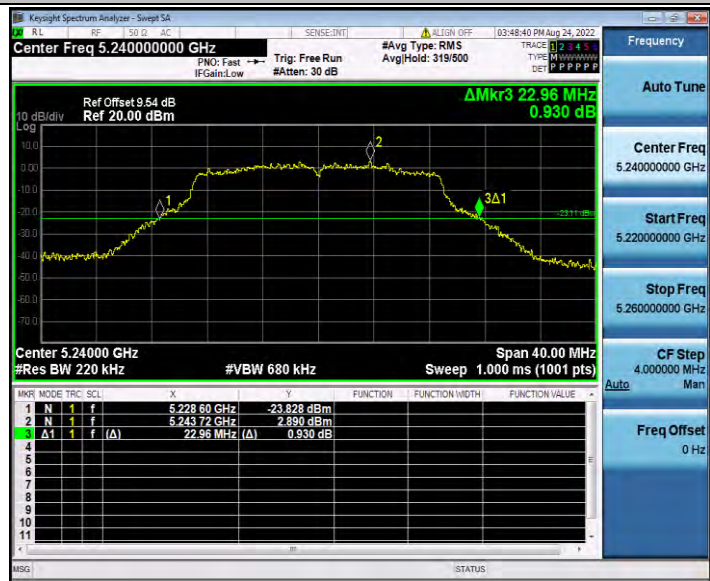
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



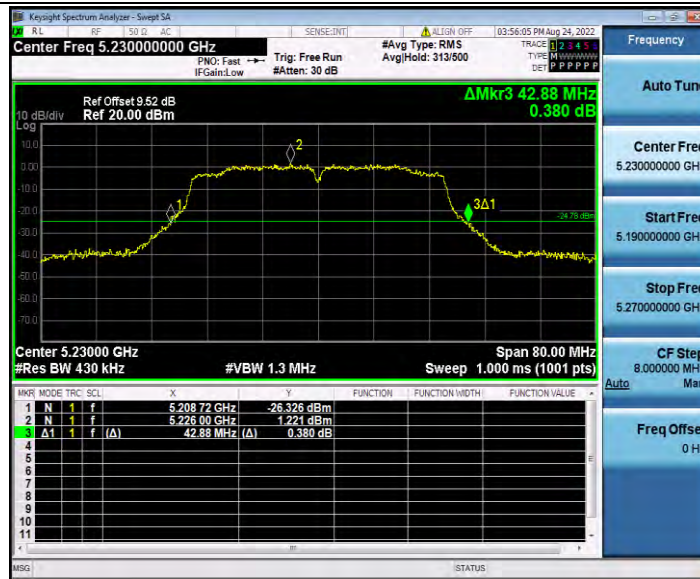
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



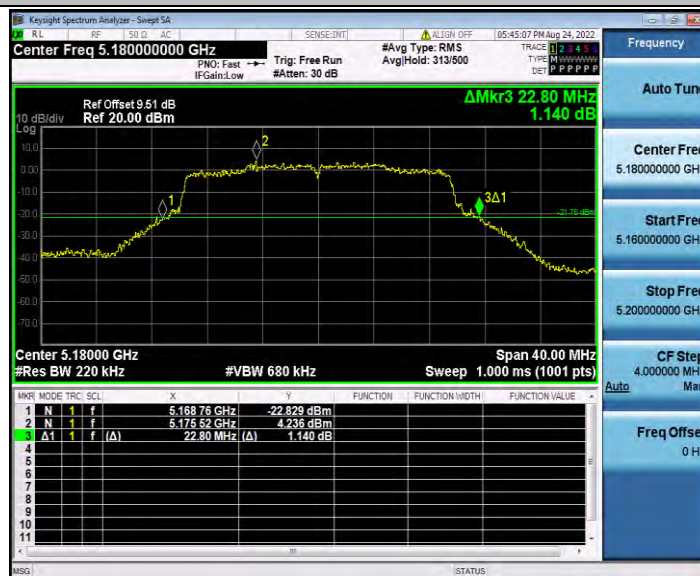
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



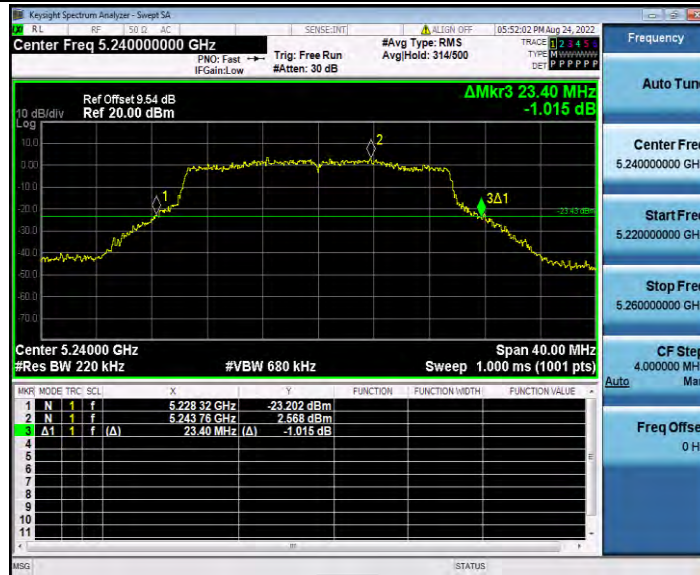
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



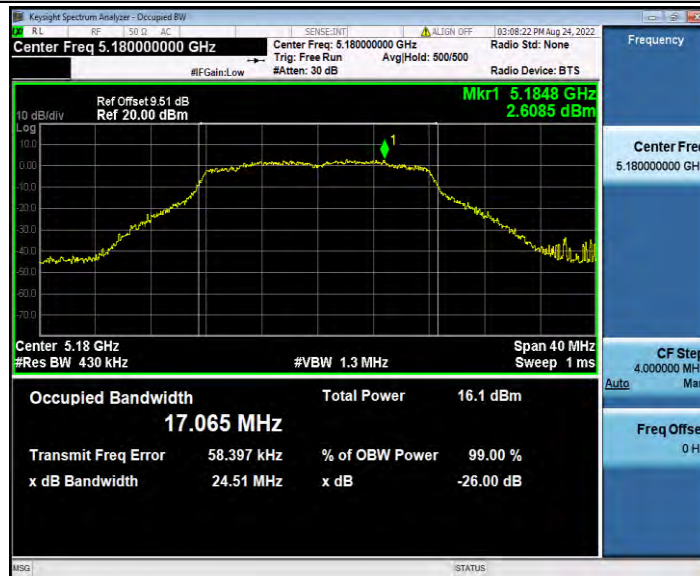
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.065	5171.526	5188.591	---	---
		5200	17.101	5191.478	5208.579	---	---
		5240	17.124	5231.376	5248.500	---	---
11N20SISO	Ant1	5180	18.116	5170.987	5189.103	---	---
		5200	18.085	5190.996	5209.081	---	---
		5240	18.024	5230.934	5248.958	---	---
11N40SISO	Ant1	5190	36.142	5171.956	5208.098	---	---
		5230	36.207	5211.876	5248.083	---	---
11AC20SISO	Ant1	5180	17.890	5171.098	5188.988	---	---
		5200	18.023	5191.007	5209.030	---	---
		5240	18.096	5230.904	5249.000	---	---
11AC40SISO	Ant1	5190	36.190	5171.924	5208.114	---	---
		5230	36.151	5211.949	5248.100	---	---
11AC80SISO	Ant1	5210	75.081	5172.586	5247.667	---	---
11AX20SISO	Ant1	5180	19.061	5170.467	5189.528	---	---
		5200	19.001	5190.488	5209.489	---	---
		5240	18.994	5230.471	5249.465	---	---
11AX40SISO	Ant1	5190	37.608	5171.238	5208.846	---	---
		5230	37.568	5211.226	5248.794	---	---
11AX80SISO	Ant1	5210	76.592	5171.779	5248.371	---	---

Test Graphs

11A_Ant1_5180



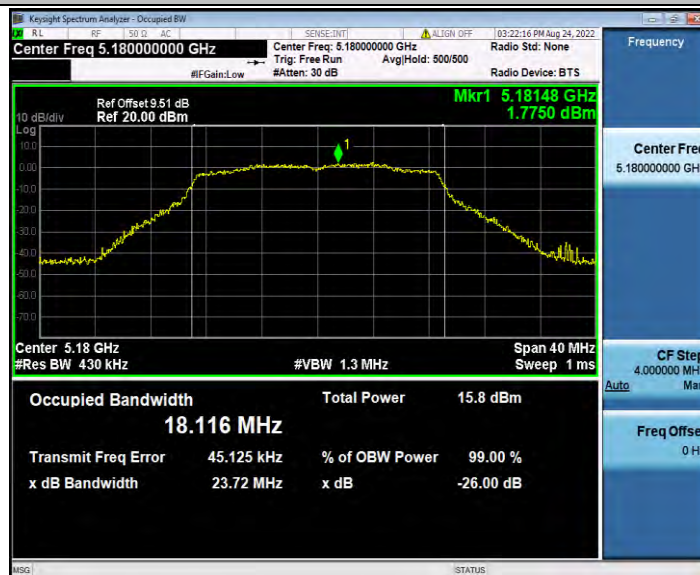
11A_Ant1_5200



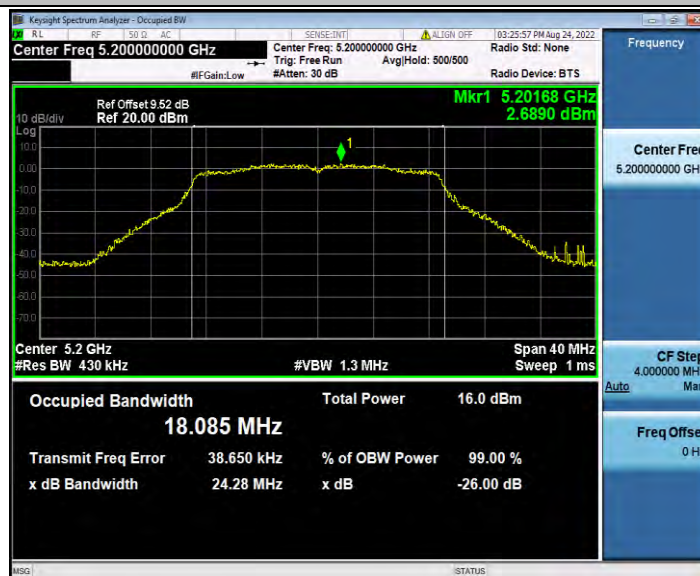
11A_Ant1_5240



11N20SISO_Ant1_5180



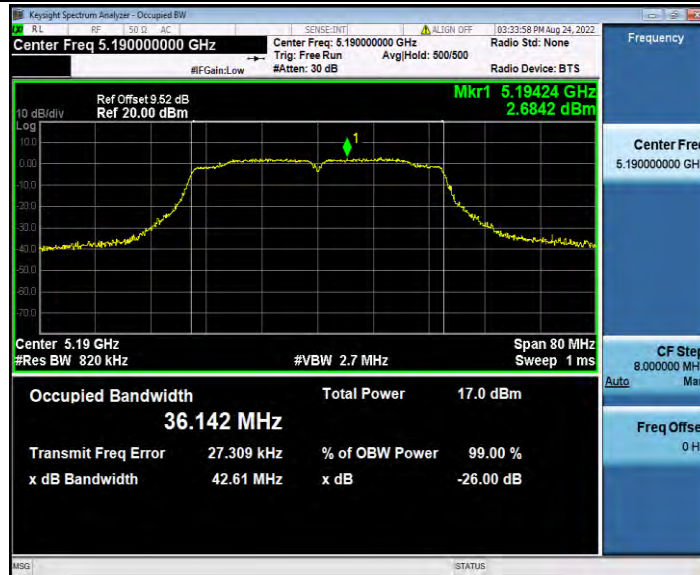
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



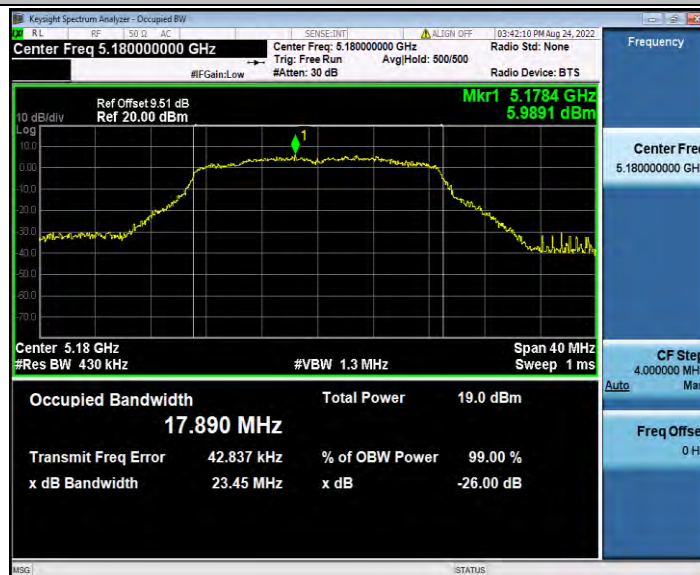
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



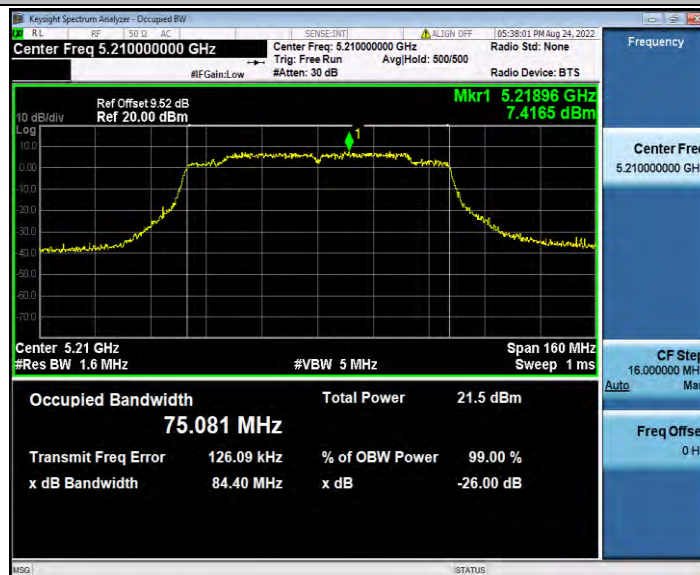
11AC40SISO_Ant1_5190



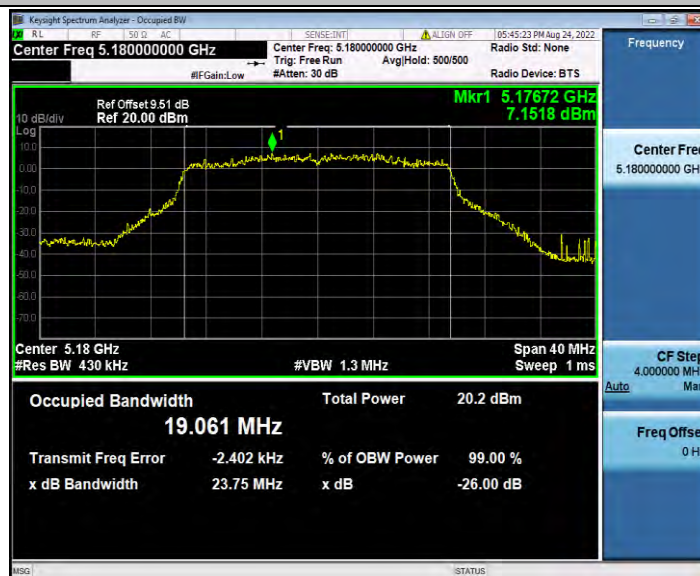
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



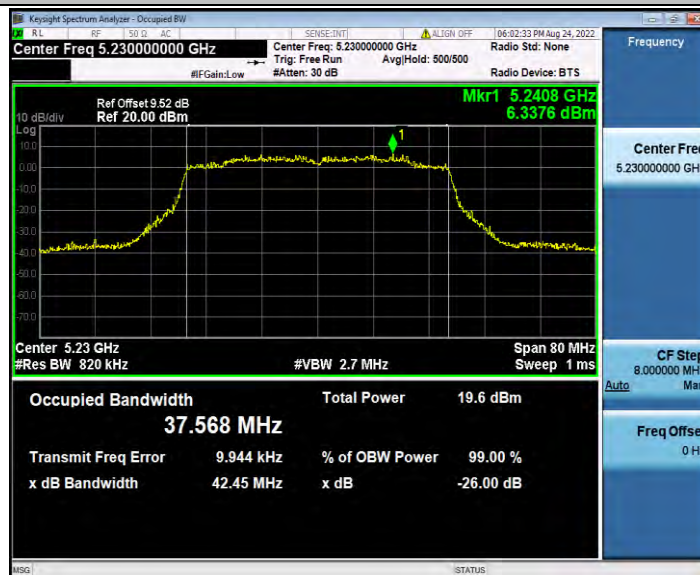
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



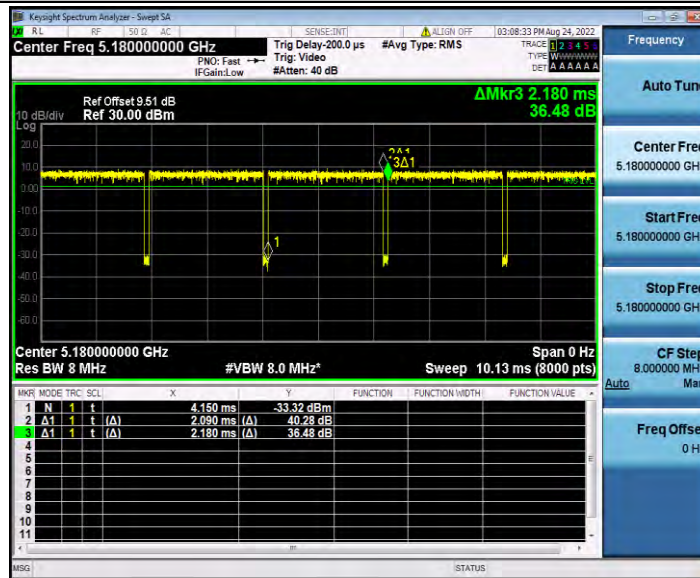
Appendix D.3: Duty Cycle

Test Result

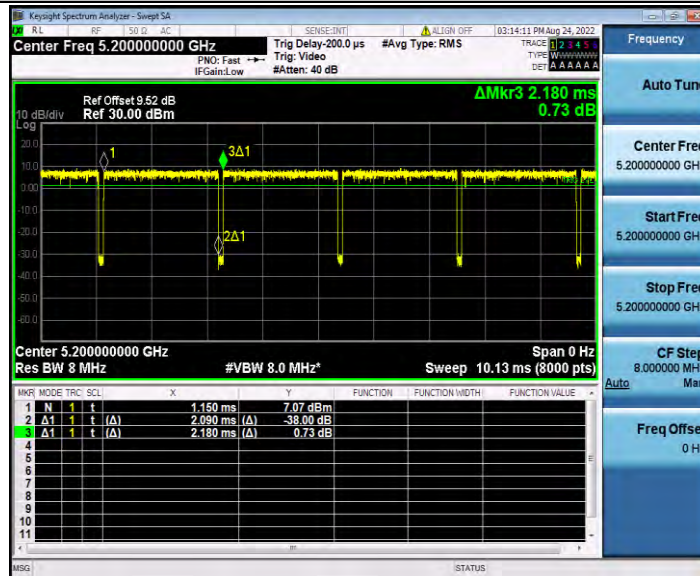
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.09	2.18	95.87
		5200	2.09	2.18	95.87
		5240	2.09	2.18	95.87
11N20SISO	Ant1	5180	7.98	8.07	98.88
		5200	7.98	8.06	99.01
		5240	7.97	8.06	98.88
11N40SISO	Ant1	5190	7.95	8.04	98.88
		5230	7.96	8.05	98.88
11AC20SISO	Ant1	5180	7.96	8.04	99.00
		5200	7.96	8.05	98.88
		5240	7.96	8.05	98.88
11AC40SISO	Ant1	5190	7.94	8.03	98.88
		5230	7.94	8.03	98.88
11AC80SISO	Ant1	5210	7.94	8.02	99.00
11AX20SISO	Ant1	5180	7.97	8.06	98.88
		5200	7.96	8.05	98.88
		5240	7.97	8.06	98.88
11AX40SISO	Ant1	5190	7.94	8.03	98.88
		5230	7.94	8.03	98.88
11AX80SISO	Ant1	5210	7.94	8.03	98.88

Test Graphs

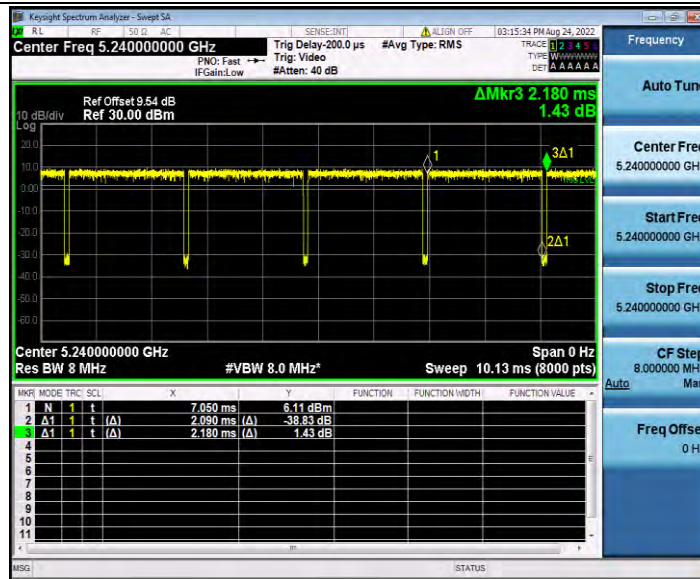
11A_Ant1_5180



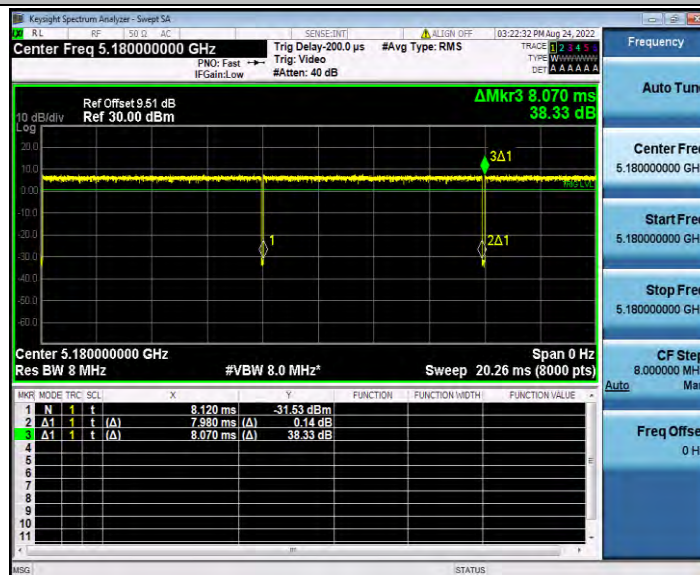
11A_Ant1_5200



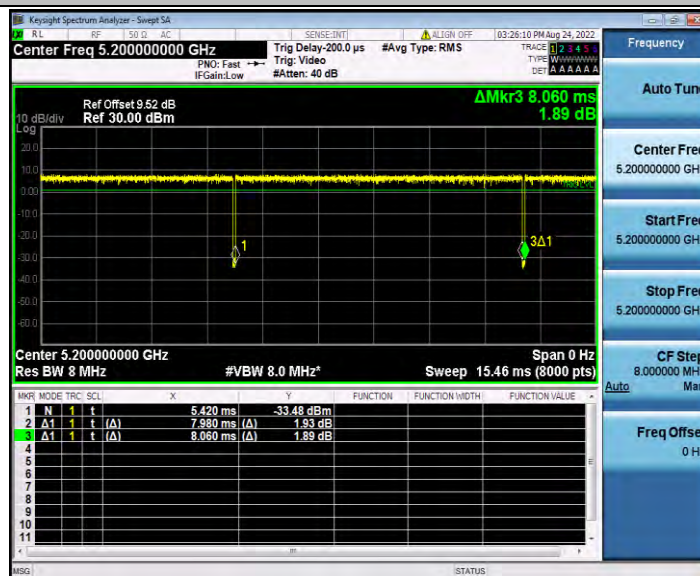
11A_Ant1_5240



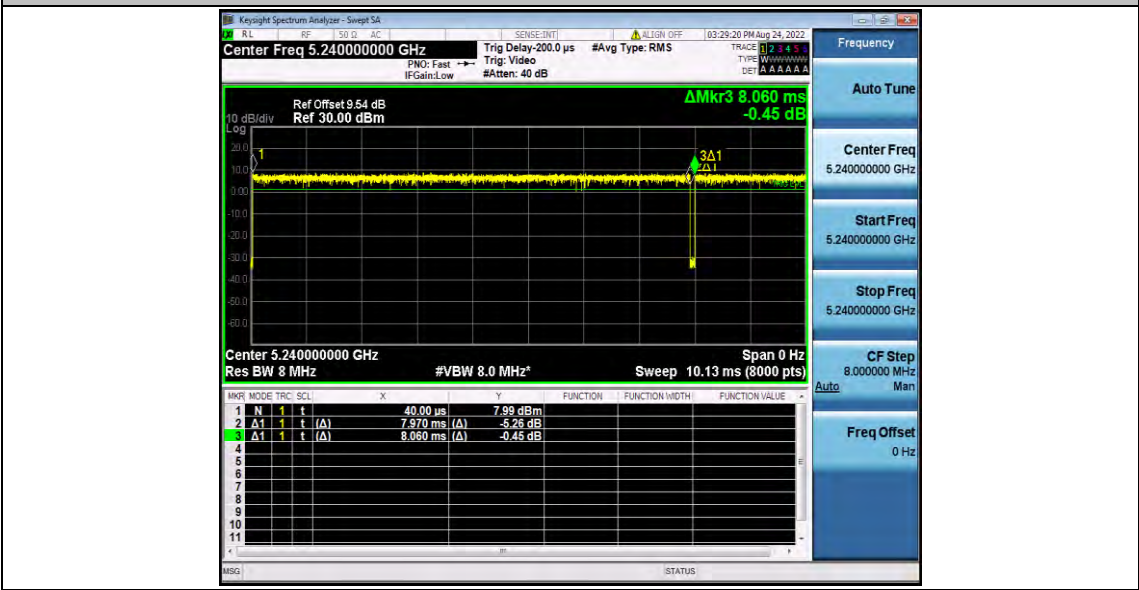
11N20SISO_Ant1_5180



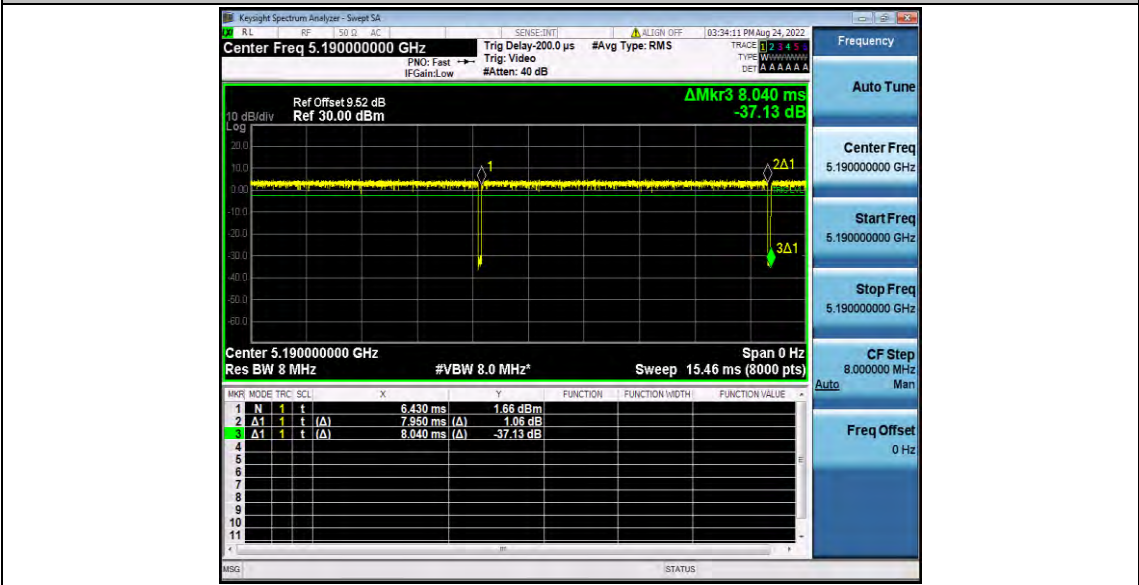
11N20SISO_Ant1_5200



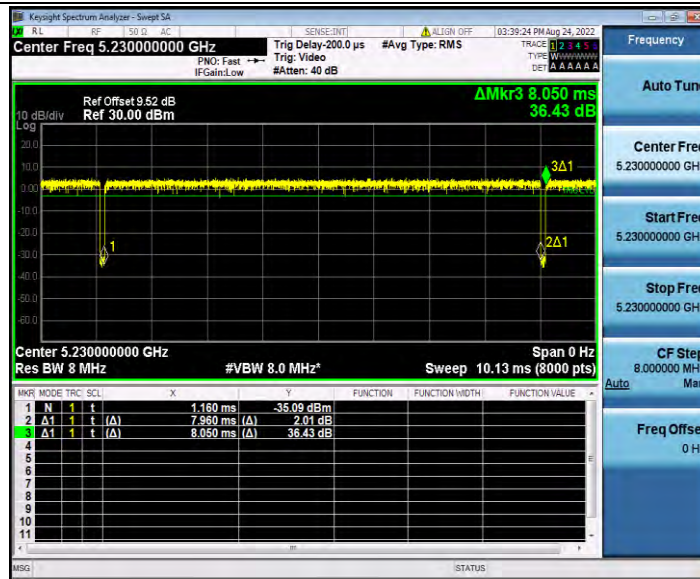
11N20SISO_Ant1_5240



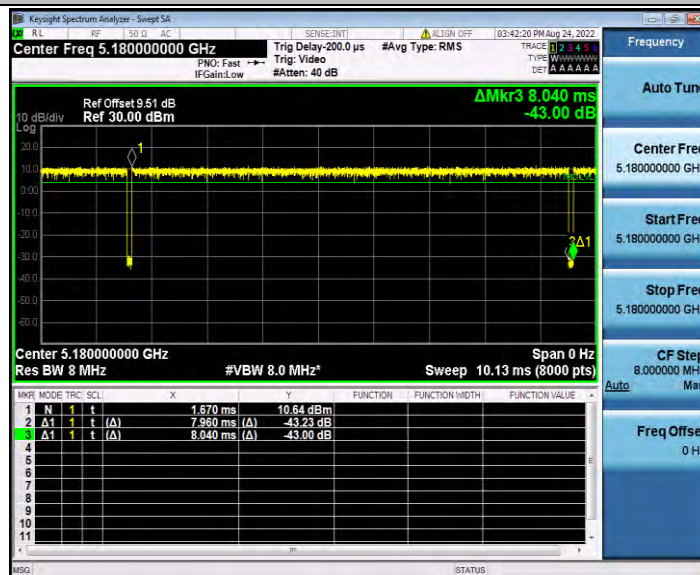
11N40SISO_Ant1_5190



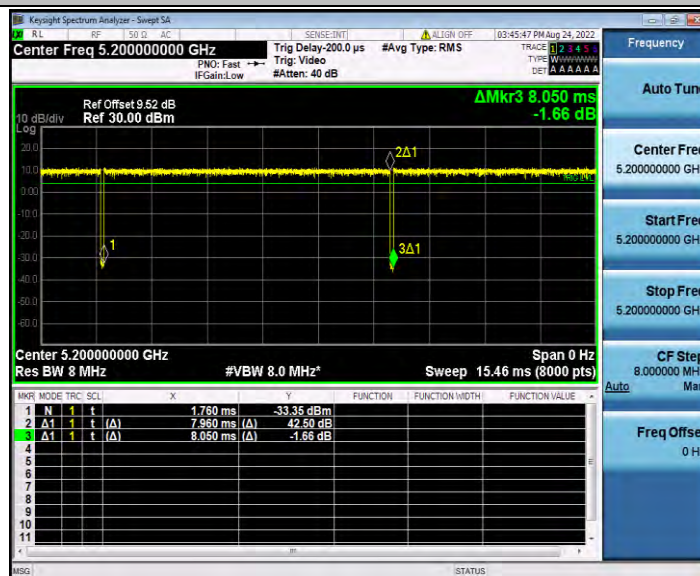
11N40SISO_Ant1_5230



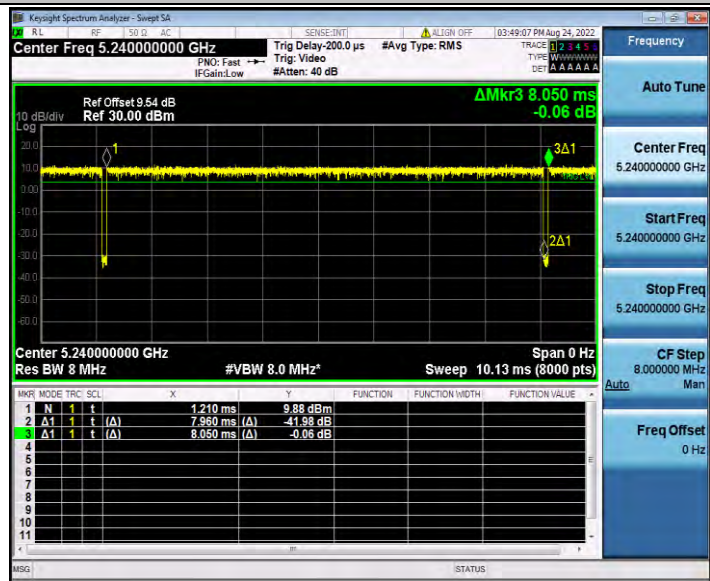
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



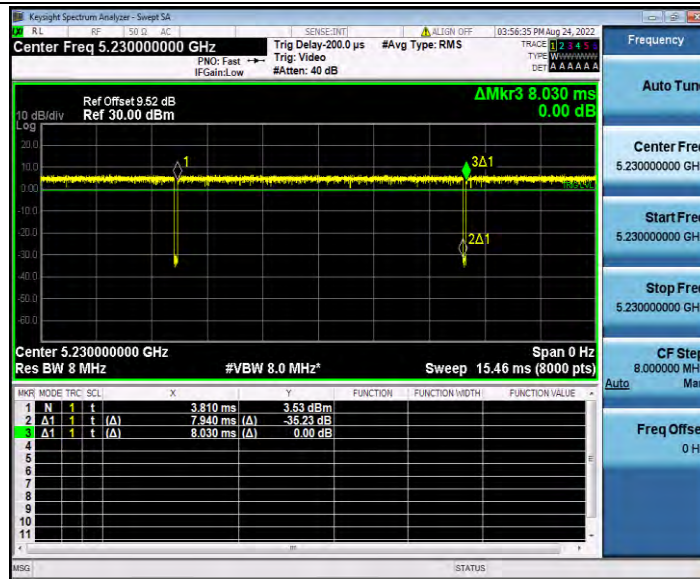
11AC20SISO_Ant1_5240



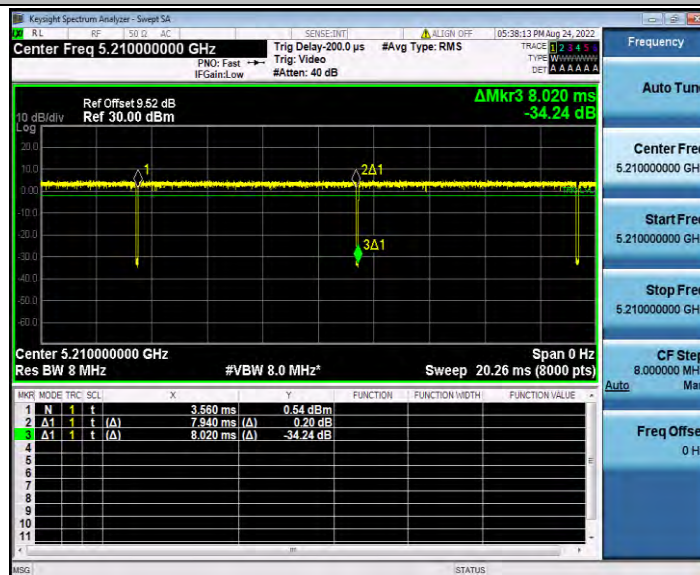
11AC40SISO_Ant1_5190



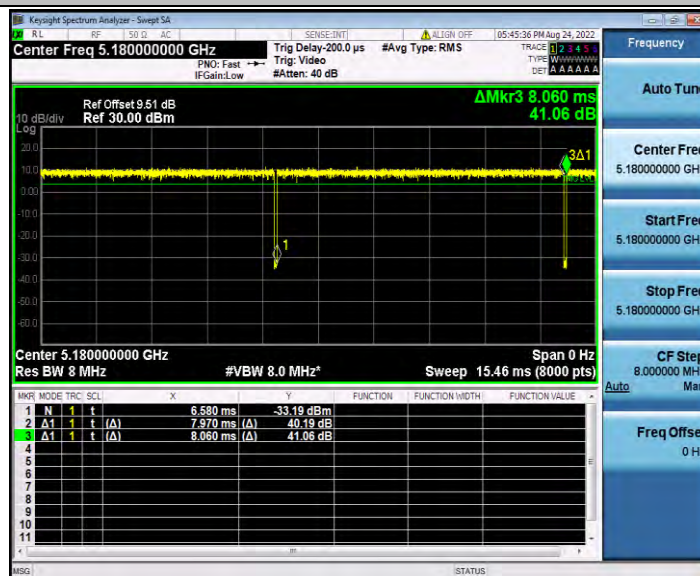
11AC40SISO_Ant1_5230



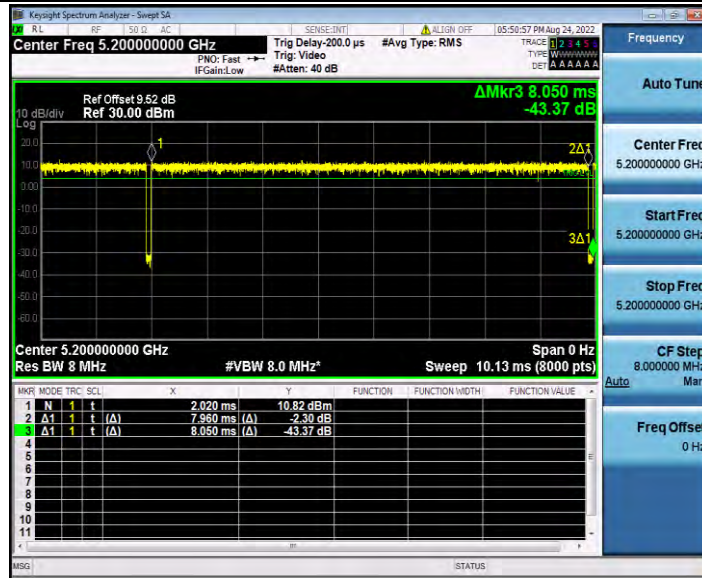
11AC80SISO_Ant1_5210



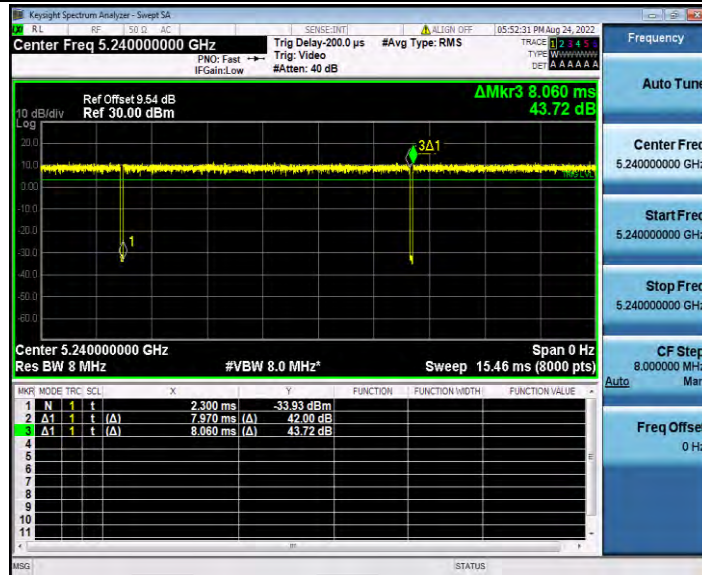
11AX20SISO_Ant1_5180



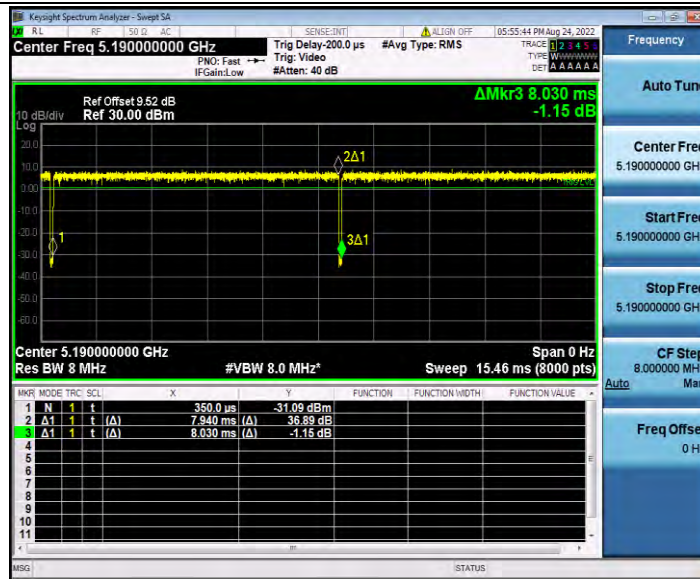
11AX20SISO_Ant1_5200



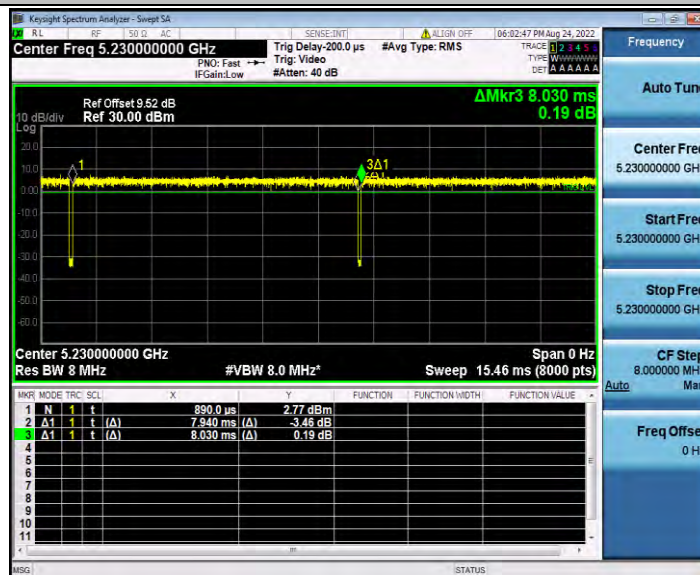
11AX20SISO_Ant1_5240



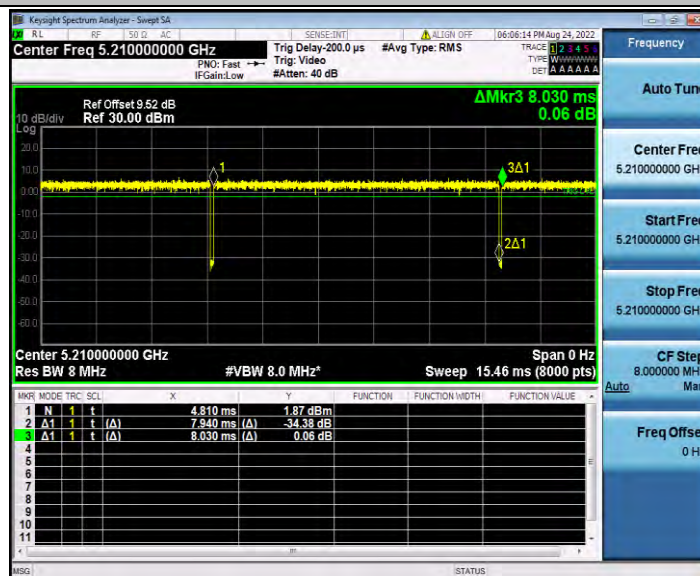
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



Appendix D.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	5180	8.98	95.87	0.18	9.16	≤23.98	PASS
		5200	9.22	95.87	0.18	9.40	≤23.98	PASS
		5240	9.48	95.87	0.18	9.66	≤23.98	PASS
11N20SISO	Ant1	5180	8.81	98.88	0.05	8.86	≤23.98	PASS
		5200	9.04	99.01	0.04	9.08	≤23.98	PASS
		5240	9.30	98.88	0.05	9.35	≤23.98	PASS
11N40SISO	Ant1	5190	9.43	98.88	0.05	9.48	≤23.98	PASS
		5230	8.88	98.88	0.05	8.93	≤23.98	PASS
11AC20SISO	Ant1	5180	11.97	99.00	0.04	12.01	≤23.98	PASS
		5200	12.24	98.88	0.05	12.29	≤23.98	PASS
		5240	11.55	98.88	0.05	11.60	≤23.98	PASS
11AC40SISO	Ant1	5190	12.54	98.88	0.05	12.59	≤23.98	PASS
		5230	11.16	98.88	0.05	11.21	≤23.98	PASS
11AC80SISO	Ant1	5210	12.53	99.00	0.04	12.57	≤23.98	PASS
11AX20SISO	Ant1	5180	11.82	98.88	0.05	11.87	≤23.98	PASS
		5200	12.18	98.88	0.05	12.23	≤23.98	PASS
		5240	11.63	98.88	0.05	11.68	≤23.98	PASS
11AX40SISO	Ant1	5190	12.24	98.88	0.05	12.29	≤23.98	PASS
		5230	10.77	98.88	0.05	10.82	≤23.98	PASS
11AX80SISO	Ant1	5210	12.38	98.88	0.05	12.43	≤23.98	PASS

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

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.10	≤11.00	PASS
		5200	2.22	≤11.00	PASS
		5240	2.14	≤11.00	PASS
11N20SISO	Ant1	5180	1.76	≤11.00	PASS
		5200	1.86	≤11.00	PASS
		5240	2.05	≤11.00	PASS
11N40SISO	Ant1	5190	1.63	≤11.00	PASS
		5230	0.93	≤11.00	PASS
11AC20SISO	Ant1	5180	2.36	≤11.00	PASS
		5200	2.20	≤11.00	PASS
		5240	2.57	≤11.00	PASS
11AC40SISO	Ant1	5190	4.29	≤11.00	PASS
		5230	2.75	≤11.00	PASS
11AC80SISO	Ant1	5210	1.69	≤11.00	PASS
11AX20SISO	Ant1	5180	3.75	≤11.00	PASS
		5200	3.61	≤11.00	PASS
		5240	3.98	≤11.00	PASS
11AX40SISO	Ant1	5190	0.88	≤11.00	PASS
		5230	5.14	≤11.00	PASS
11AX80SISO	Ant1	5210	3.17	≤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_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



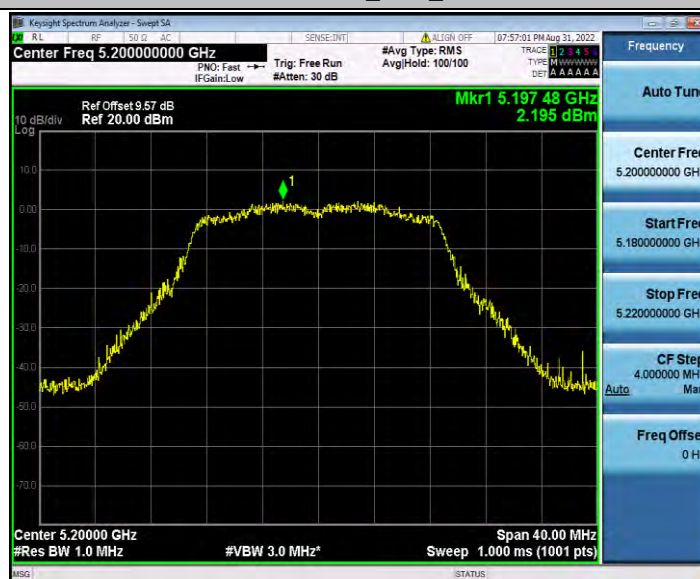
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



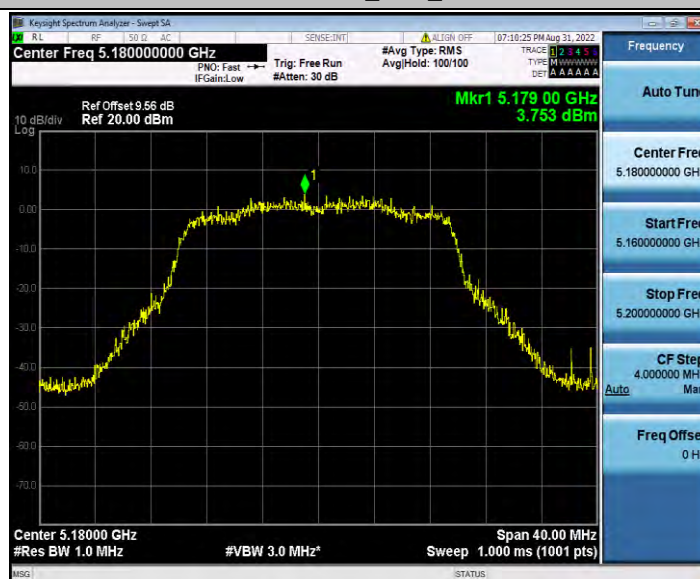
11AC40SISO_Ant1_5230



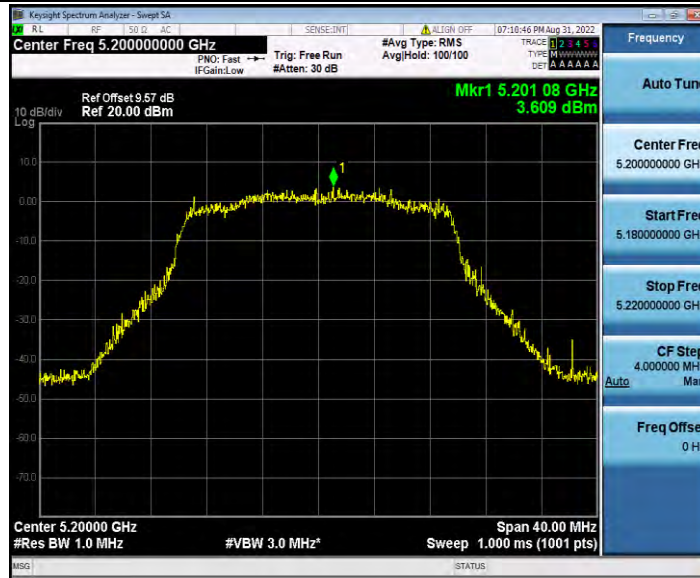
11AC80SISO_Ant1_5210



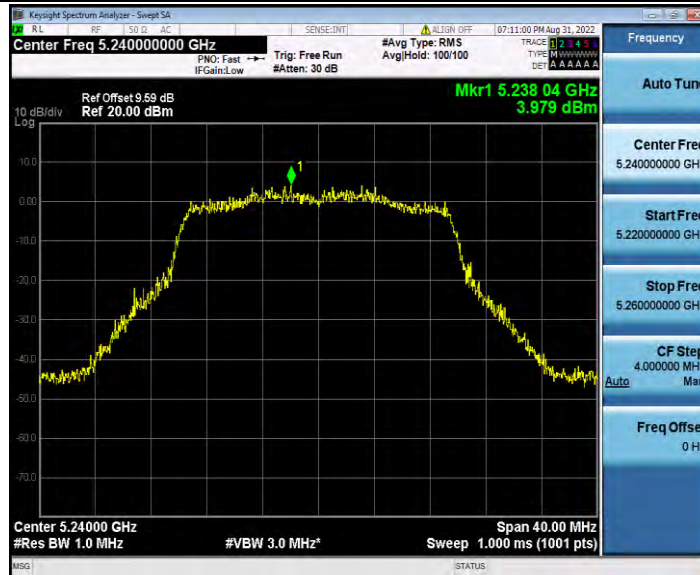
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

