

Case No. : GTS20221124022-1-4	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2022.12.08	Test Engineer: Jenny zeng

Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.344	5736.372	5753.716	---	---
		5785	17.410	5776.374	5793.784	---	---
		5825	17.384	5816.313	5833.697	---	---
11N20SISO	Ant1	5745	18.446	5735.815	5754.261	---	---
		5785	18.378	5775.873	5794.251	---	---
		5825	18.348	5815.809	5834.157	---	---
11N40SISO	Ant1	5755	36.917	5736.590	5773.507	---	---
		5795	36.798	5776.675	5813.473	---	---
11AC20SISO	Ant1	5745	18.391	5735.835	5754.226	---	---
		5785	18.387	5775.886	5794.273	---	---
		5825	18.451	5815.778	5834.229	---	---
11AC40SISO	Ant1	5755	36.905	5736.636	5773.541	---	---
		5795	36.901	5776.631	5813.532	---	---
11AC80SISO	Ant1	5775	75.437	5737.429	5812.866	---	---
11AX20SISO	Ant1	5745	19.219	5735.420	5754.639	---	---
		5785	19.262	5775.410	5794.672	---	---
		5825	19.258	5815.429	5834.687	---	---
11AX40SISO	Ant1	5755	38.095	5736.019	5774.114	---	---
		5795	38.004	5776.024	5814.028	---	---
11AX80SISO	Ant1	5775	76.784	5736.766	5813.550	---	---

Test Graphs

11A_Ant1_5745



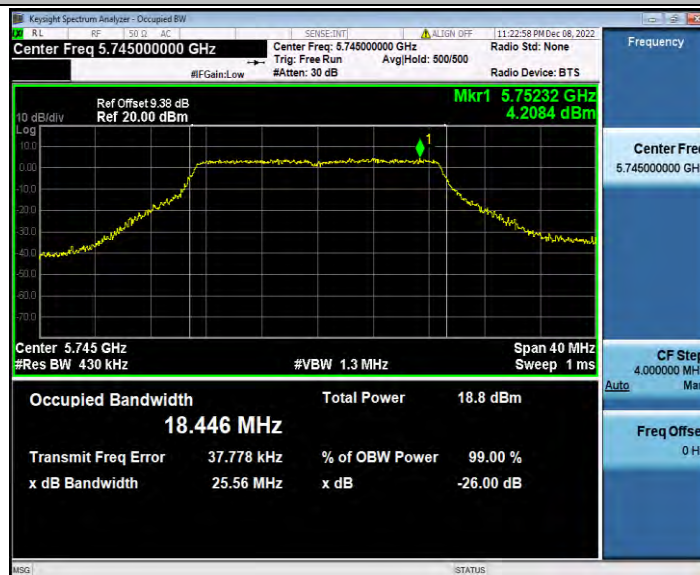
11A_Ant1_5785



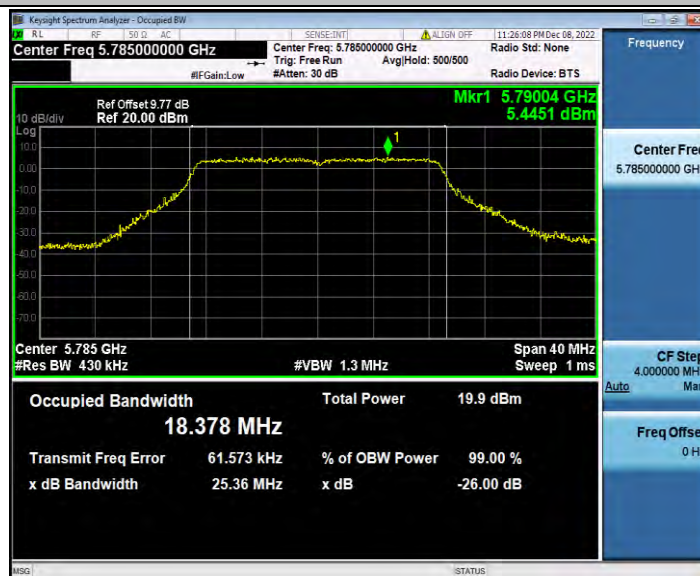
11A_Ant1_5825



11N20SISO_Ant1_5745



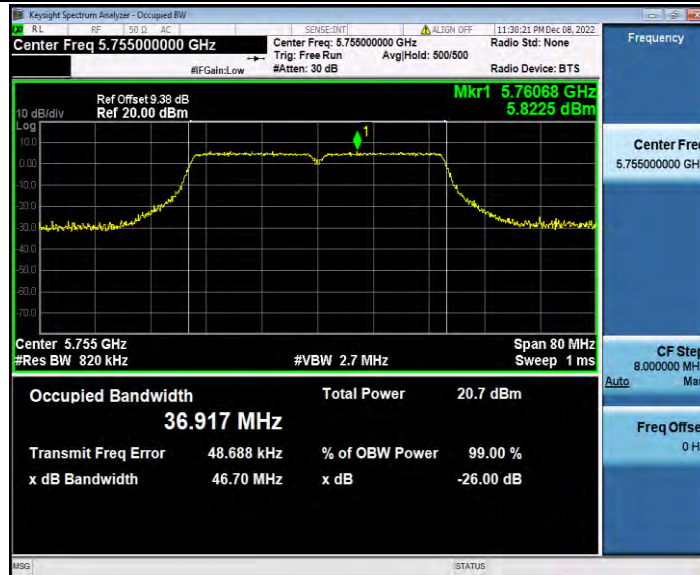
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



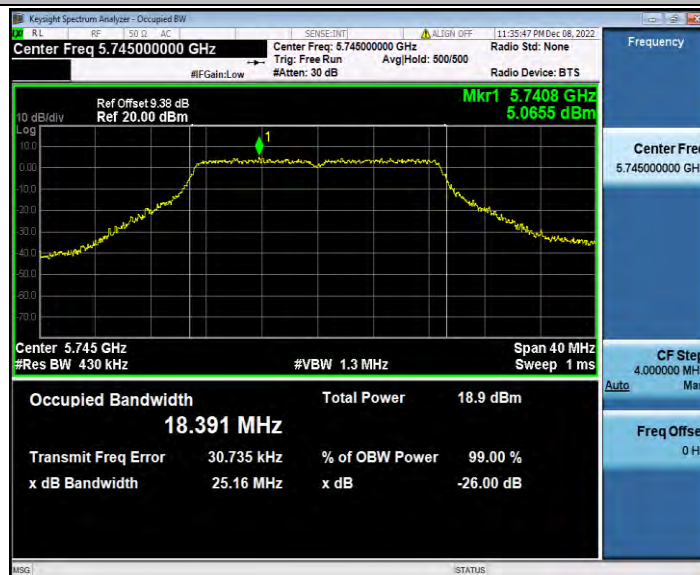
11N40SISO_Ant1_5755



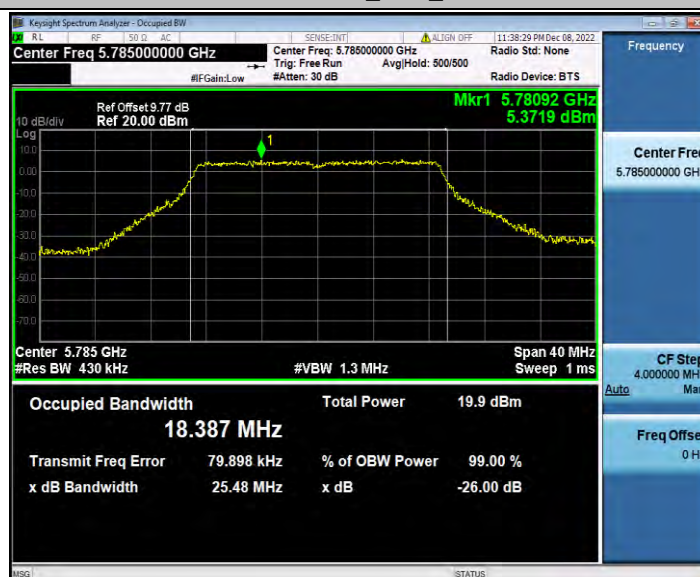
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



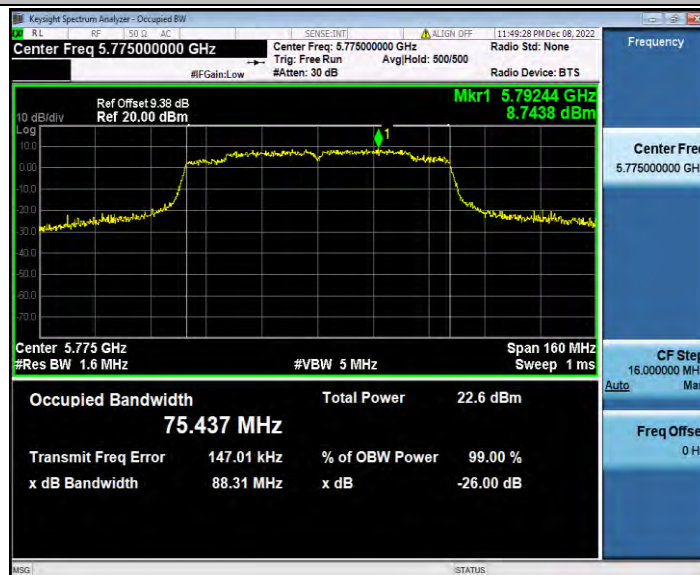
11AC40SISO_Ant1_5755



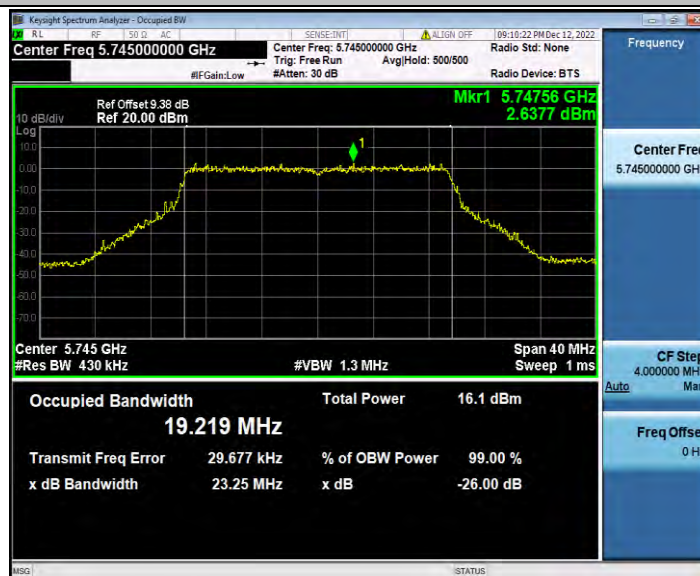
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



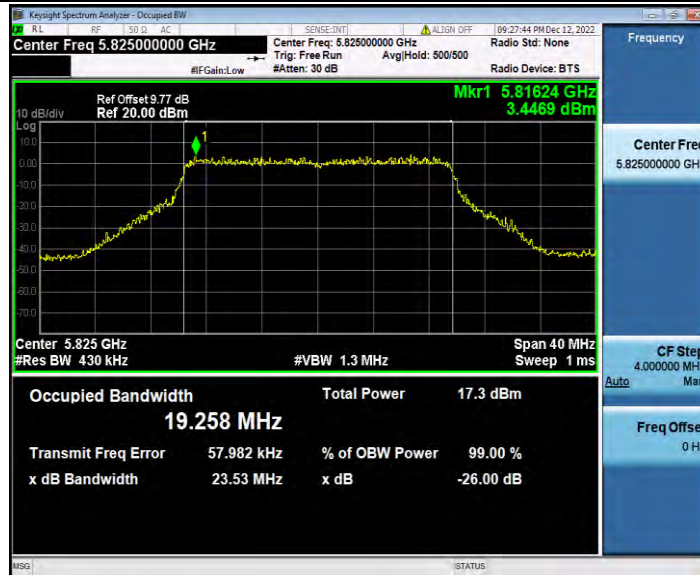
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



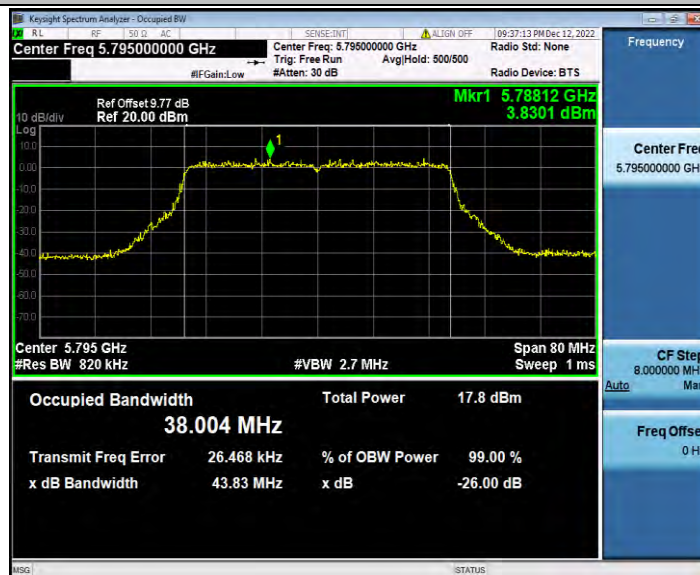
11AX20SISO_Ant1_5825



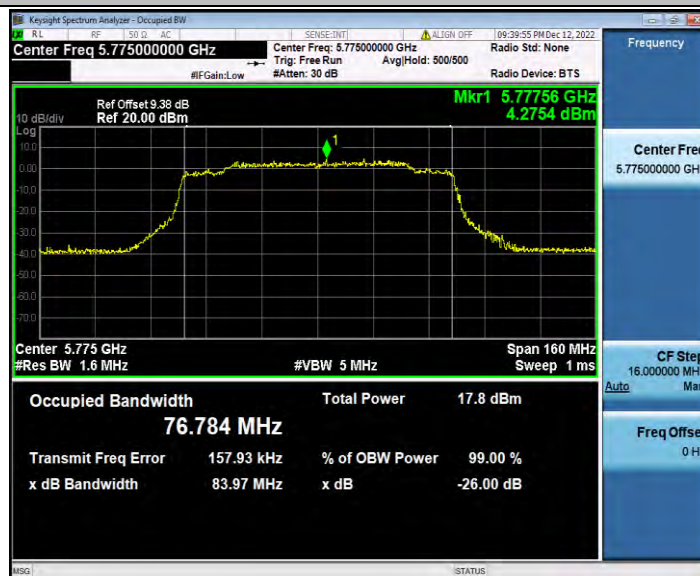
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.360	5776.840	5793.200	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.360	5776.440	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	71.360	5741.240	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	18.760	5735.560	5754.320	0.5	PASS
		5785	18.760	5775.640	5794.400	0.5	PASS
		5825	18.680	5815.720	5834.400	0.5	PASS
11AX40SISO	Ant1	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	37.600	5776.280	5813.880	0.5	PASS
11AX80SISO	Ant1	5775	75.040	5737.560	5812.600	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



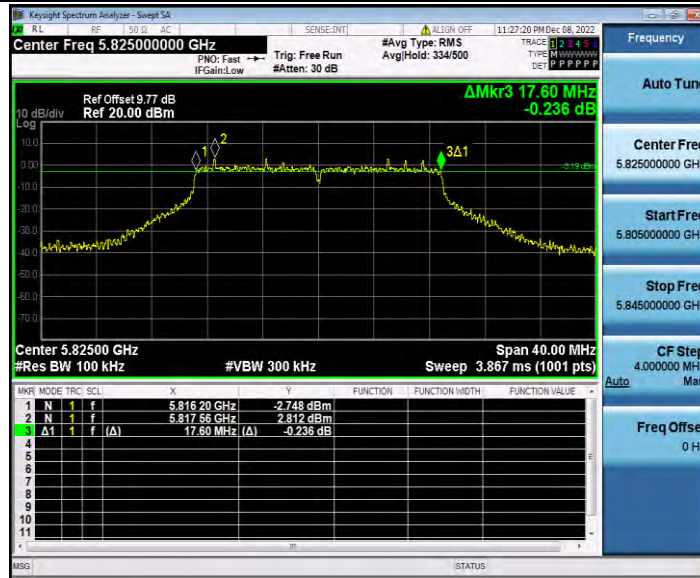
11N20SISO_Ant1_5745



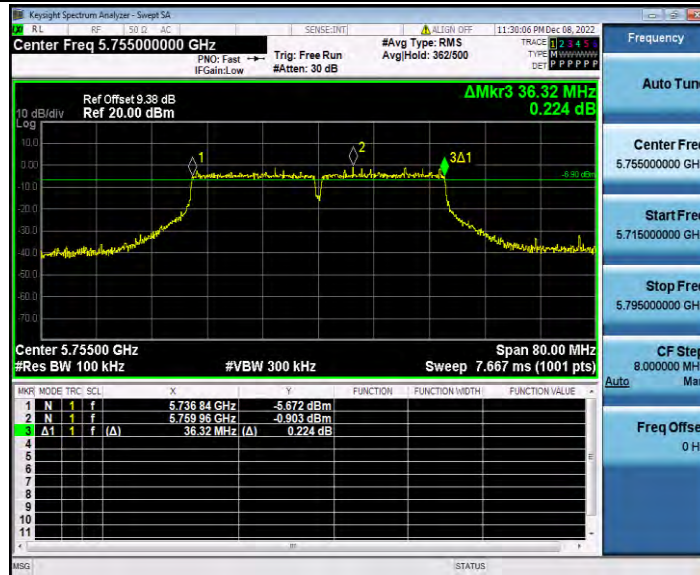
11N20SISO_Ant1_5785



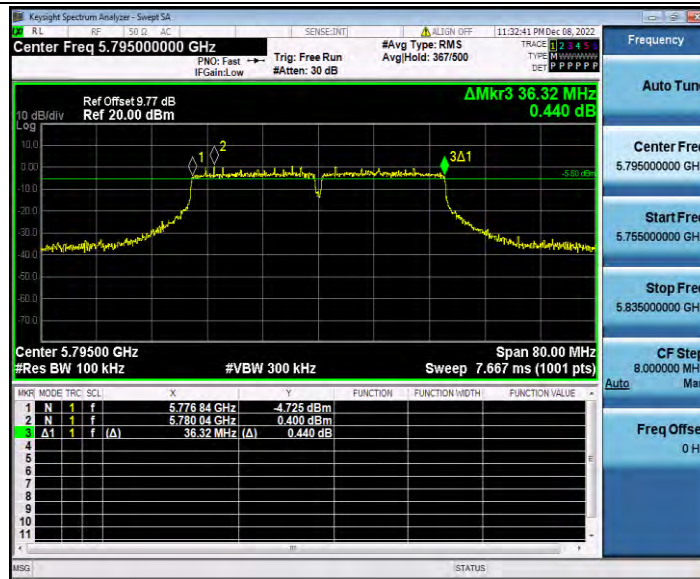
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



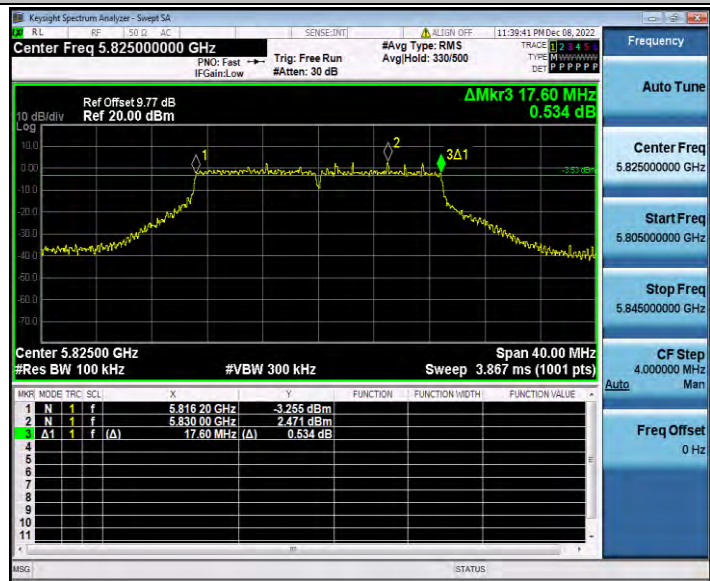
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



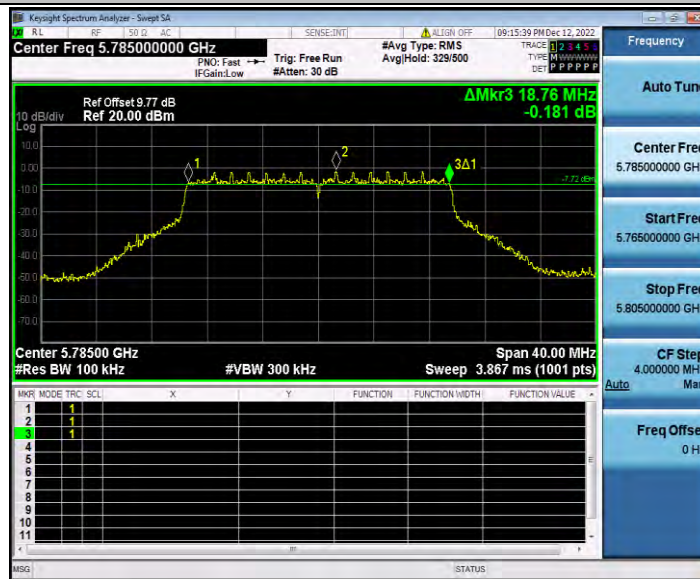
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



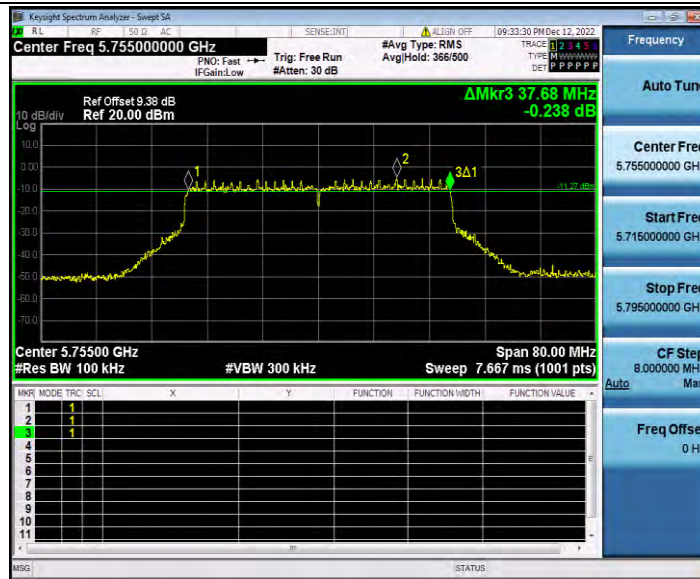
11AX20SISO_Ant1_5785



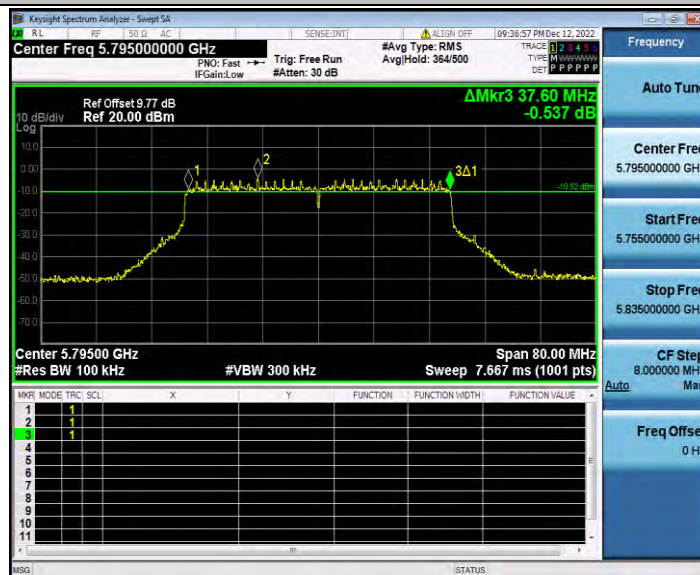
11AX20SISO_Ant1_5825



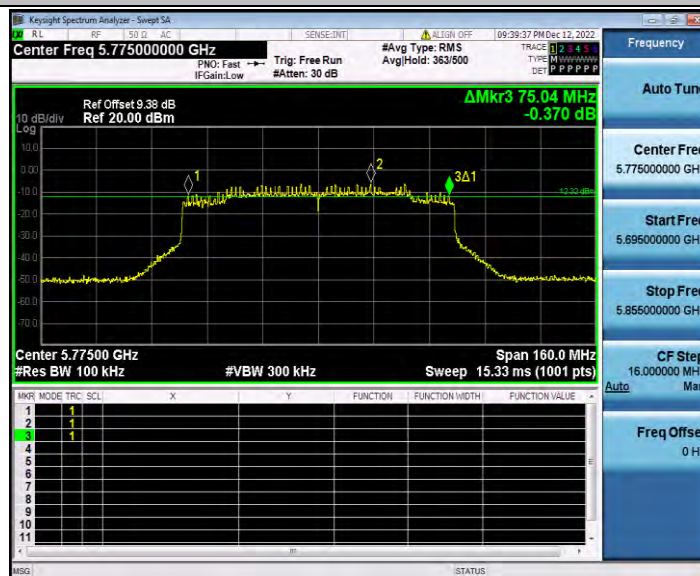
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



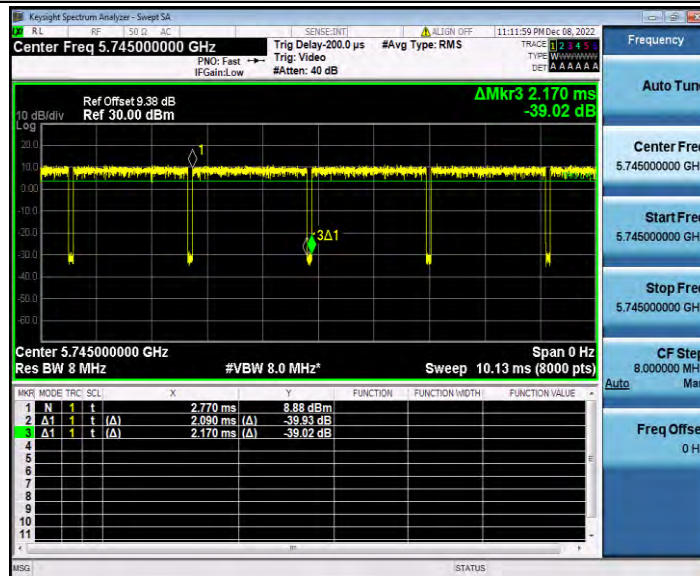
Appendix E.3: Duty Cycle

Test Result

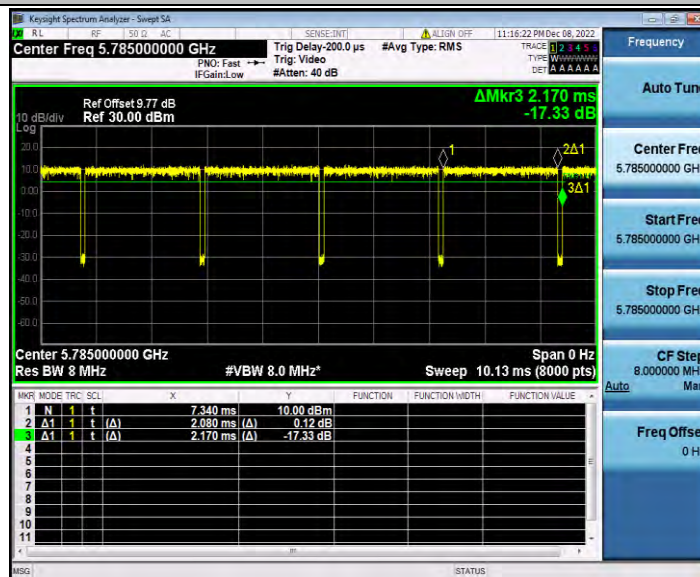
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	2.09	2.17	96.31
		5785	2.08	2.17	95.85
		5825	2.09	2.17	96.31
11N20SISO	Ant1	5745	7.93	8.02	98.88
		5785	7.93	8.01	99.00
		5825	7.94	8.02	99.00
11N40SISO	Ant1	5755	7.93	8.02	98.88
		5795	7.94	8.02	99.00
11AC20SISO	Ant1	5745	7.93	8.01	99.00
		5785	7.92	8.01	98.88
		5825	7.93	8.01	99.00
11AC40SISO	Ant1	5755	7.91	8.00	98.88
		5795	7.91	8.00	98.88
11AC80SISO	Ant1	5775	7.93	8.02	98.88
11AX20SISO	Ant1	5745	0.30	0.34	88.24
		5785	0.30	0.34	88.24
		5825	0.30	0.34	88.24
11AX40SISO	Ant1	5755	0.30	0.34	88.24
		5795	0.30	0.34	88.24
11AX80SISO	Ant1	5775	0.30	0.34	88.24

Test Graphs

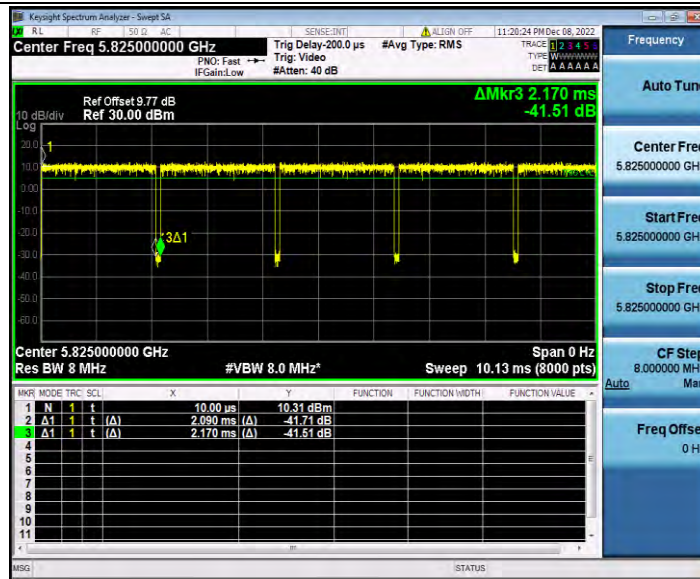
11A_Ant1_5745



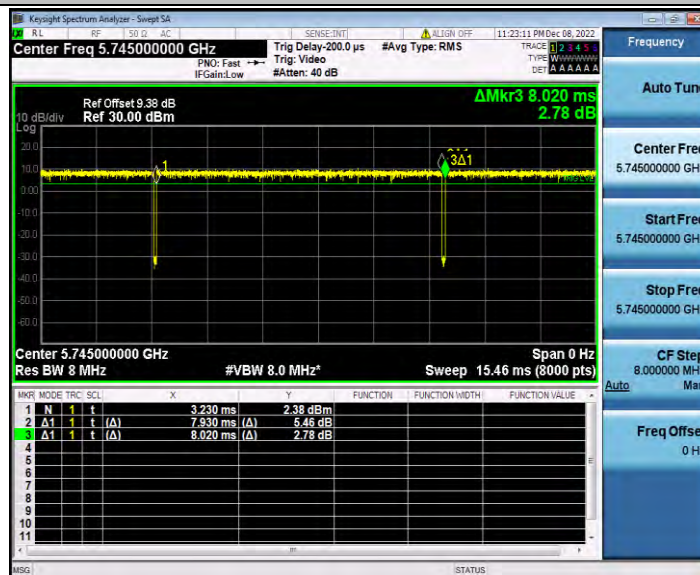
11A_Ant1_5785



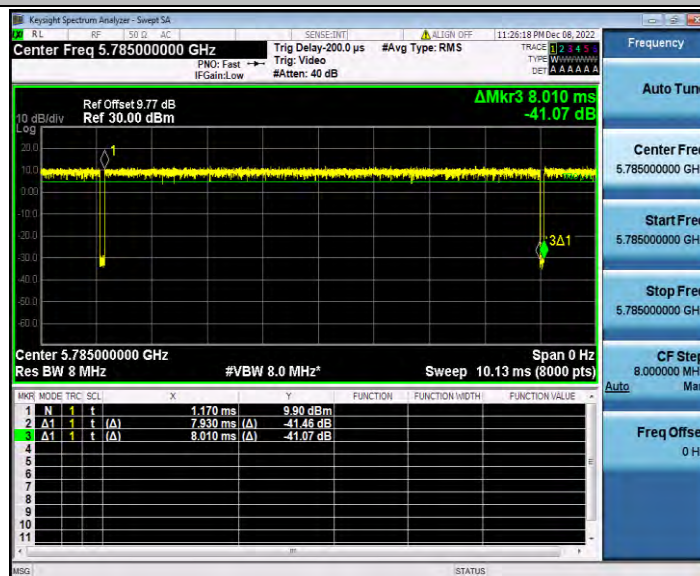
11A_Ant1_5825



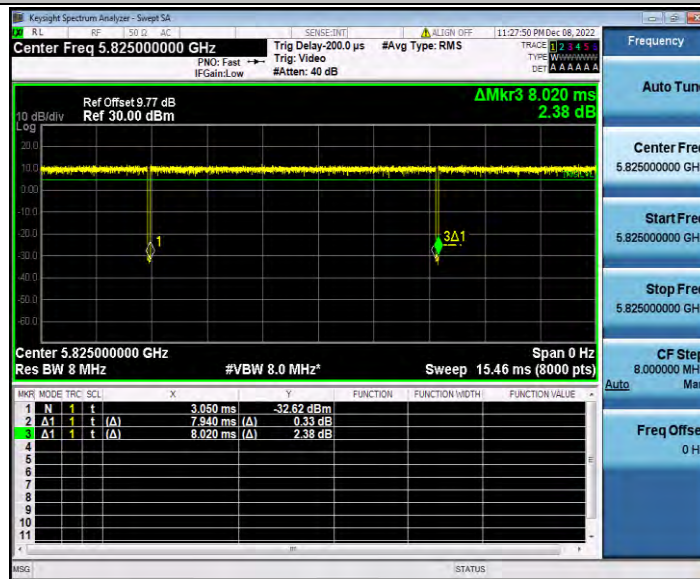
11N20SISO_Ant1_5745



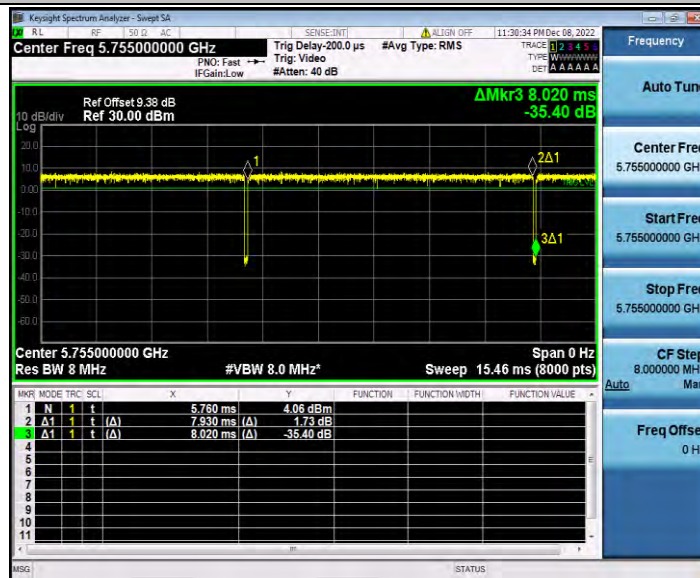
11N20SISO_Ant1_5785



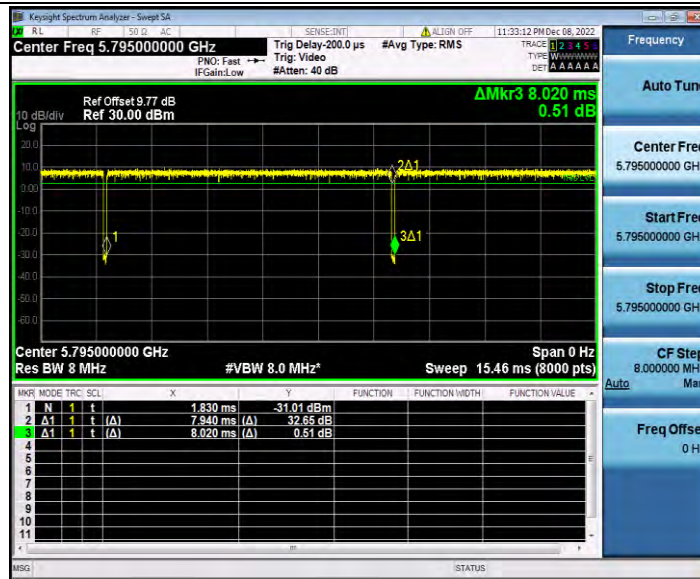
11N20SISO_Ant1_5825



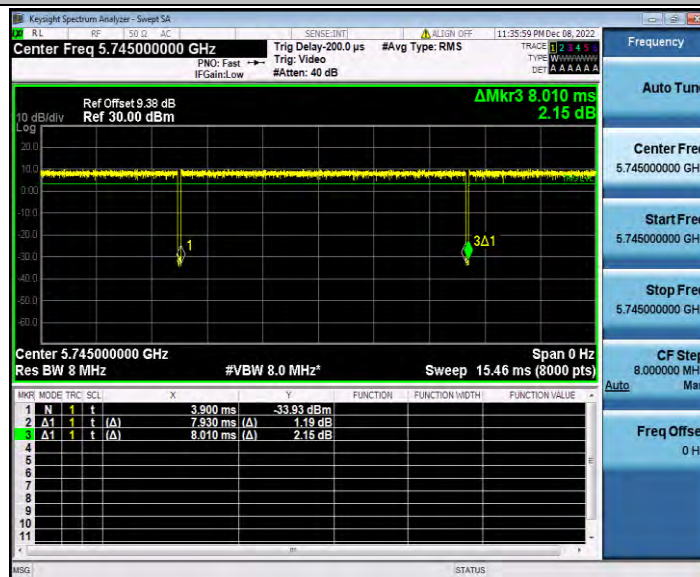
11N40SISO_Ant1_5755



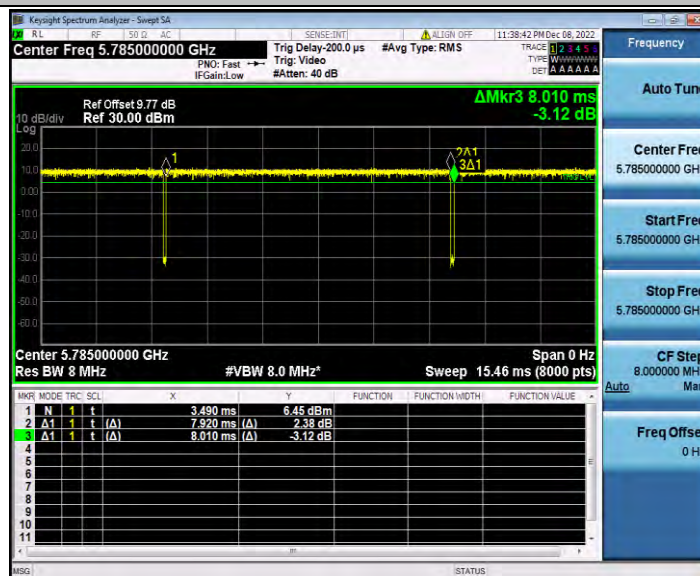
11N40SISO_Ant1_5795



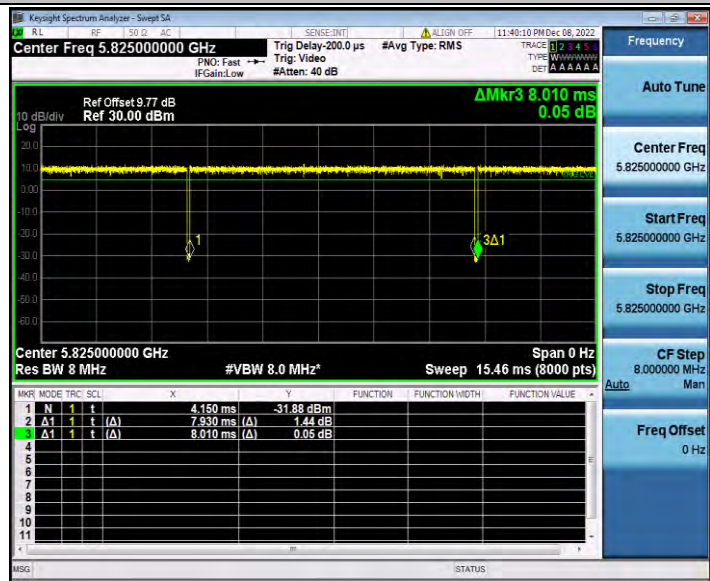
11AC20SISO_Ant1_5745



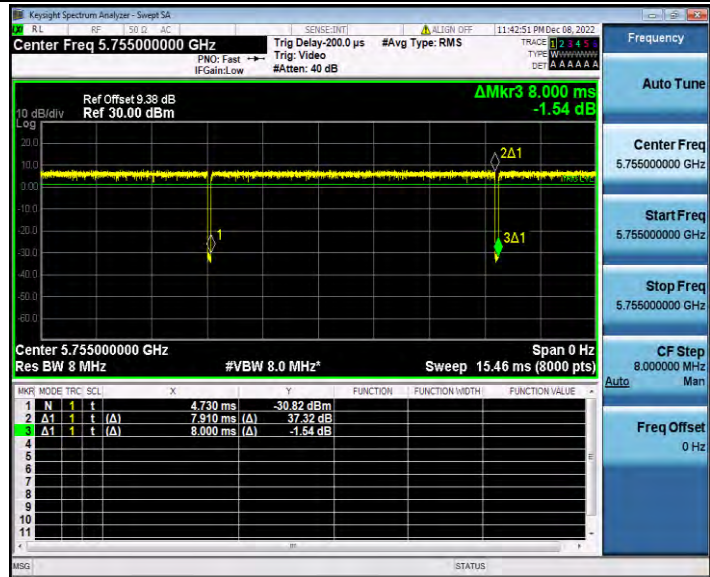
11AC20SISO_Ant1_5785



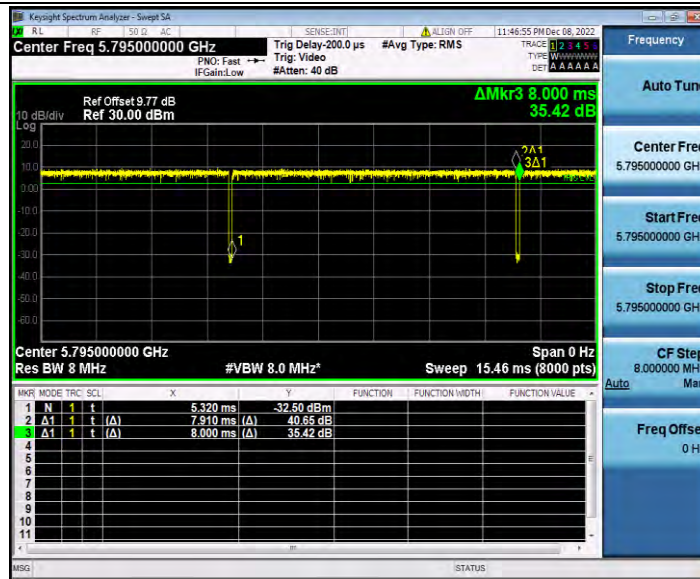
11AC20SISO_Ant1_5825



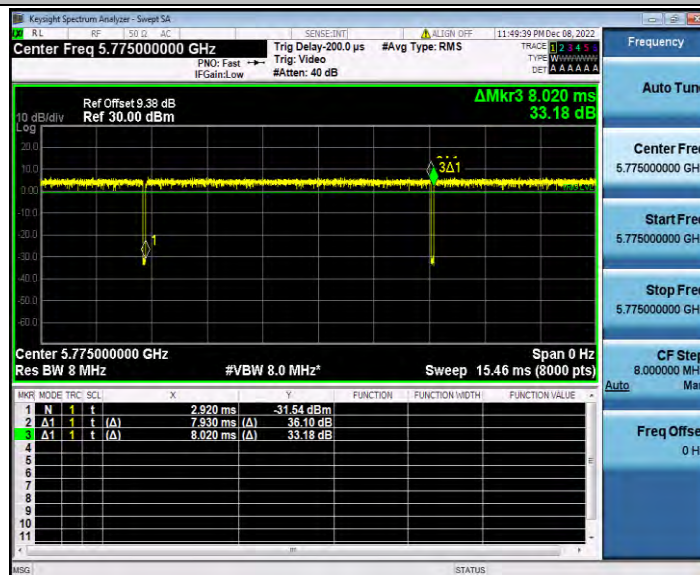
11AC40SISO_Ant1_5755



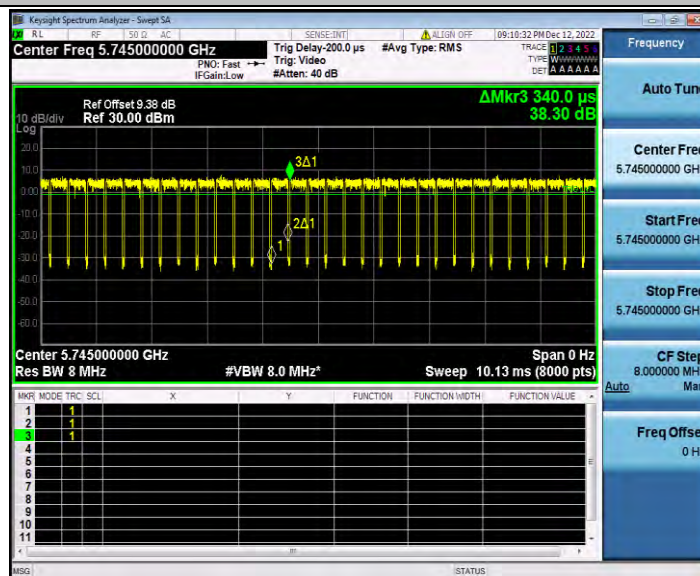
11AC40SISO_Ant1_5795

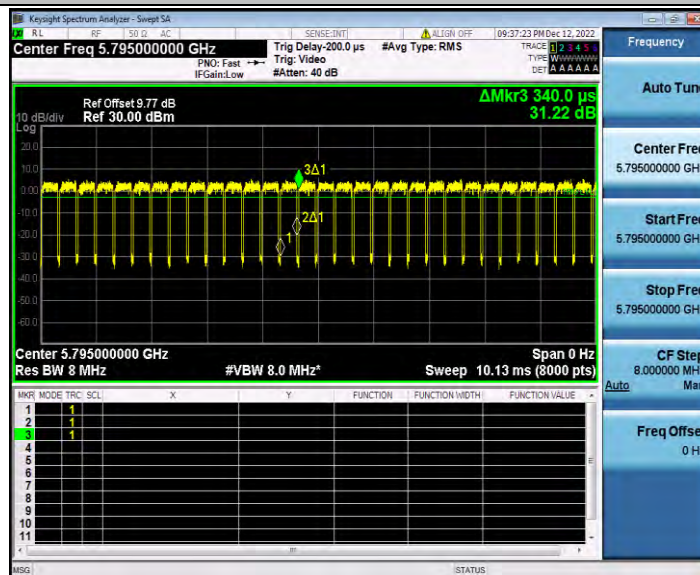
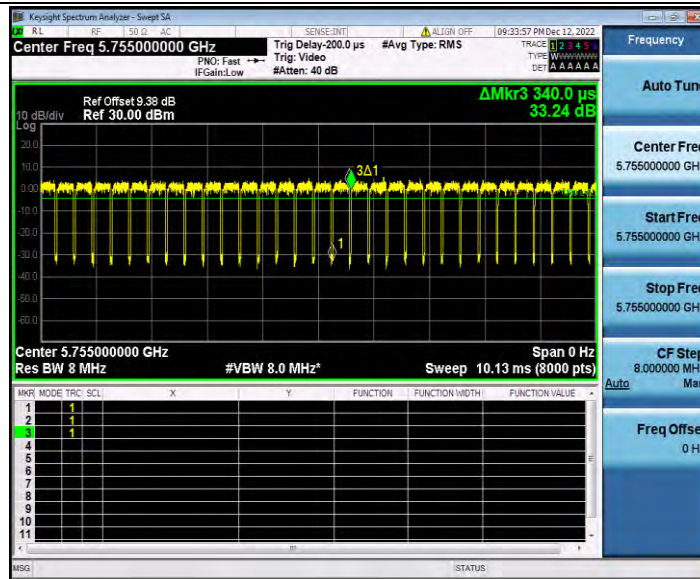


11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745





Appendix E.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	5745	11.89	96.31	0.16	12.05	≤30.00	PASS
		5785	12.68	95.85	0.18	12.86	≤30.00	PASS
		5825	13.24	96.31	0.16	13.40	≤30.00	PASS
11N20SISO	Ant1	5745	11.92	98.88	0.05	11.97	≤30.00	PASS
		5785	13.05	99.00	0.04	13.09	≤30.00	PASS
		5825	13.44	99.00	0.04	13.48	≤30.00	PASS
11N40SISO	Ant1	5755	13.14	98.88	0.05	13.19	≤30.00	PASS
		5795	14.36	99.00	0.04	14.40	≤30.00	PASS
11AC20SISO	Ant1	5745	11.98	99.00	0.04	12.02	≤30.00	PASS
		5785	13.02	98.88	0.05	13.07	≤30.00	PASS
		5825	13.41	99.00	0.04	13.45	≤30.00	PASS
11AC40SISO	Ant1	5755	13.09	98.88	0.05	13.14	≤30.00	PASS
		5795	14.26	98.88	0.05	14.31	≤30.00	PASS
11AC80SISO	Ant1	5775	13.68	98.88	0.05	13.73	≤30.00	PASS
11AX20SISO	Ant1	5745	7.64	88.24	0.54	8.18	≤30.00	PASS
		5785	8.70	88.24	0.54	9.24	≤30.00	PASS
		5825	8.74	88.24	0.54	9.28	≤30.00	PASS
11AX40SISO	Ant1	5755	7.84	88.24	0.54	8.38	≤30.00	PASS
		5795	8.69	88.24	0.54	9.23	≤30.00	PASS
11AX80SISO	Ant1	5775	8.33	88.24	0.54	8.87	≤30.00	PASS

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

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	4.73	≤30.00	PASS
		5785	5.71	≤30.00	PASS
		5825	6.24	≤30.00	PASS
11N20SISO	Ant1	5745	4.62	≤30.00	PASS
		5785	5.48	≤30.00	PASS
		5825	5.86	≤30.00	PASS
11N40SISO	Ant1	5755	2.44	≤30.00	PASS
		5795	3.64	≤30.00	PASS
11AC20SISO	Ant1	5745	4.93	≤30.00	PASS
		5785	5.85	≤30.00	PASS
		5825	5.72	≤30.00	PASS
11AC40SISO	Ant1	5755	2.26	≤30.00	PASS
		5795	4.01	≤30.00	PASS
11AC80SISO	Ant1	5775	-0.12	≤30.00	PASS
11AX20SISO	Ant1	5745	2.75	≤30.00	PASS
		5785	3.23	≤30.00	PASS
		5825	4.04	≤30.00	PASS
11AX40SISO	Ant1	5755	-0.45	≤30.00	PASS
		5795	0.1	≤30.00	PASS
11AX80SISO	Ant1	5775	-2.61	≤30.00	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_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



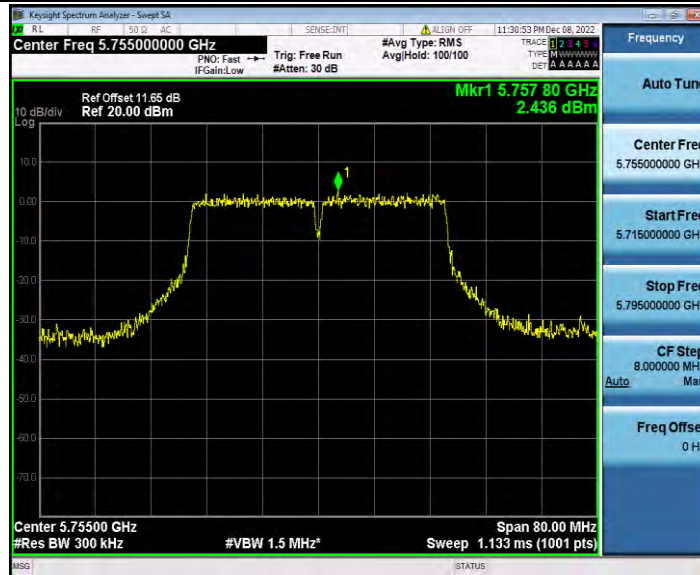
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

