		5670	16.12	40.93	≤23.98	PASS	15
		5755	15.29	33.81	≤30	PASS	13
		5795	15.48	35.32	≤30	PASS	13
11AC20SISO	Ant1	5180	18.96	78.70	≤23.98	PASS	15
		5200	18.88	77.27	≤23.98	PASS	15
		5240	19.02	79.80	≤23.98	PASS	15
		5260	19.34	85.90	≤23.98	PASS	15
		5300	19.00	79.43	≤23.98	PASS	14
		5320	18.88	77.27	≤23.98	PASS	14
		5500	19.20	83.18	≤23.98	PASS	15
		5580	19.22	83.56	≤23.98	PASS	16
		5700	18.79	75.68	≤23.98	PASS	14
		5745	19.20	83.18	≤30	PASS	16
		5785	18.94	78.34	≤30	PASS	15
		5825	18.92	77.98	≤30	PASS	15
11AC40SISO	Ant1	5190	15.69	37.07	≤23.98	PASS	15
		5230	15.84	38.37	≤23.98	PASS	15
		5270	15.50	35.48	≤23.98	PASS	14
		5310	15.46	35.16	≤23.98	PASS	14
		5510	15.87	38.64	≤23.98	PASS	15
		5550	15.45	35.08	≤23.98	PASS	15
		5670	15.37	34.43	≤23.98	PASS	16
		5755	15.18	32.96	≤30	PASS	15
		5795	15.13	32.58	≤30	PASS	15
11AC80SISO	Ant1	5210	16.01	39.90	≤23.98	PASS	16
		5290	16.39	43.55	≤23.98	PASS	16
		5530	15.89	38.82	≤23.98	PASS	16
		5610	15.91	38.99	≤23.98	PASS	16
		5775	16.41	43.75	≤30	PASS	17

Note：The result=conducted power+ duty cycle factor

MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.29	≤11	PASS
		5200	4.15	≤11	PASS
		5240	4.52	≤11	PASS
		5260	5.16	≤11	PASS
		5300	5.81	≤11	PASS
		5320	5.61	≤11	PASS
		5500	4.89	≤11	PASS
		5580	5.53	≤11	PASS
		5700	5.26	≤11	PASS
		5745	2.06	≤30	PASS
		5785	1.97	≤30	PASS
		5825	1.99	≤30	PASS
11N20SISO	Ant1	5180	4.19	≤11	PASS
		5200	4.31	≤11	PASS
		5240	4.74	≤11	PASS
		5260	4.61	≤11	PASS
		5300	4.74	≤11	PASS
		5320	4.64	≤11	PASS
		5500	5.37	≤11	PASS
		5580	5.31	≤11	PASS
		5700	4.47	≤11	PASS
		5745	2.48	≤30	PASS
		5785	1.53	≤30	PASS
		5825	1.39	≤30	PASS
11N40SISO	Ant1	5190	2.25	≤11	PASS
		5230	2.29	≤11	PASS
		5270	2.73	≤11	PASS
		5310	2.05	≤11	PASS
		5510	2.63	≤11	PASS
		5550	2.19	≤11	PASS
		5670	3.31	≤11	PASS

		5755	0.32	≤30	PASS
		5795	-0.18	≤30	PASS
11AC20SISO	Ant1	5180	4.54	≤11	PASS
		5200	4.41	≤11	PASS
		5240	4.47	≤11	PASS
		5260	5.17	≤11	PASS
		5300	4.62	≤11	PASS
		5320	4.37	≤11	PASS
		5500	5.11	≤11	PASS
		5580	5.46	≤11	PASS
		5700	4.70	≤11	PASS
		5745	3.44	≤30	PASS
		5785	1.54	≤30	PASS
		5825	1.37	≤30	PASS
11AC40SISO	Ant1	5190	-1.53	≤11	PASS
		5230	-1.09	≤11	PASS
		5270	-1.68	≤11	PASS
		5310	-1.71	≤11	PASS
		5510	-1.00	≤11	PASS
		5550	-1.75	≤11	PASS
		5670	-1.80	≤11	PASS
		5755	-5.15	≤30	PASS
		5795	-4.99	≤30	PASS
11AC80SISO	Ant1	5210	-3.70	≤11	PASS
		5290	-2.94	≤11	PASS
		5530	-3.68	≤11	PASS
		5610	-3.82	≤11	PASS
		5775	-5.75	≤30	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

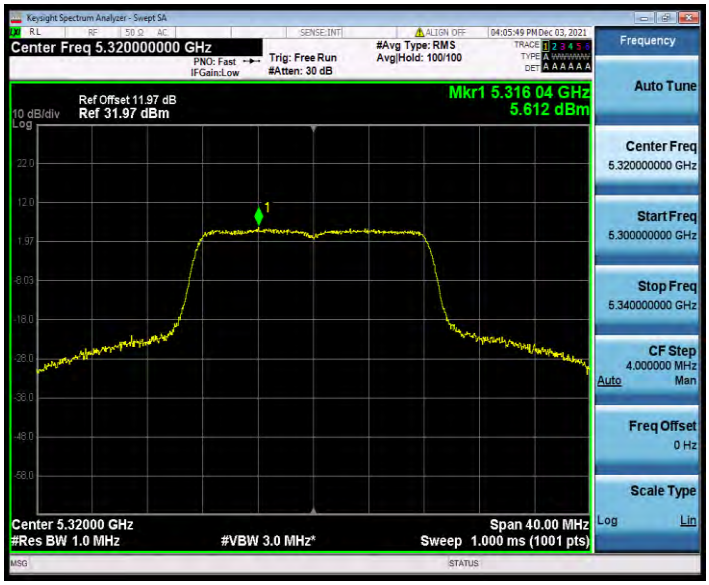
11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5300

11A_Ant1_5320



11A_Ant1_5500

11A_Ant1_5580

11A_Ant1_5700

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5180

11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

11N20SISO_Ant1_5260

11N20SISO_Ant1_5300

11N20SISO_Ant1_5320

11N20SISO_Ant1_5500

11N20SISO_Ant1_5580

11N20SISO_Ant1_5700

11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11N40SISO_Ant1_5510

11N40SISO_Ant1_5550

11N40SISO_Ant1_5670

11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5300

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5580

11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825

11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230

11AC40SISO_Ant1_5270

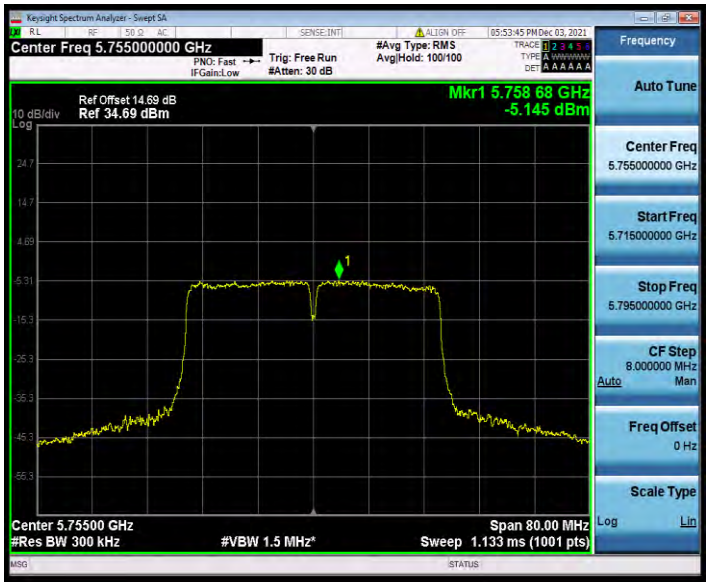
11AC40SISO_Ant1_5310

11AC40SISO_Ant1_5510

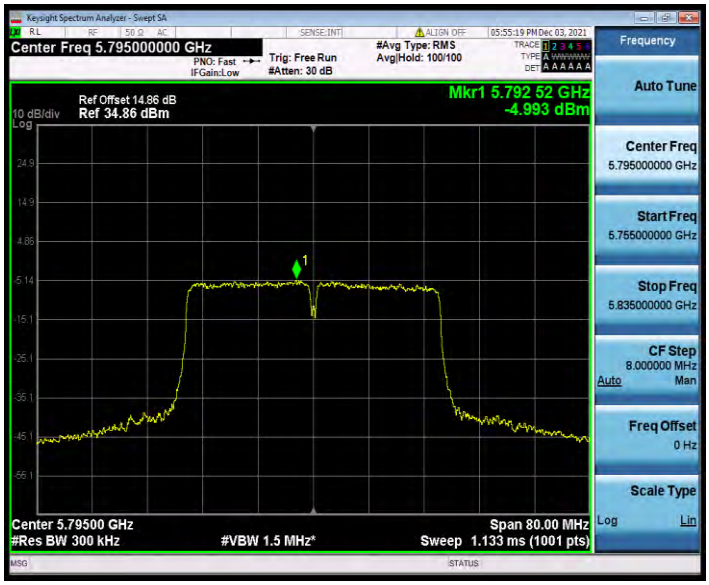
11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670

11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5290

11AC80SISO_Ant1_5530

11AC80SISO_Ant1_5610

11AC80SISO_Ant1_5775

Keysight Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
06:02:07 PM Dec 03, 2021
Ref Offset 15.48 dB
10 dB/div
Ref 35.48 dBm
Log
Mkr1 5.752 44 GHz
-5.745 dBm
Center 5.77500 GHz
#Res BW 300 kHz
#VBW 1.5 MHz*
Span 160.0 MHz
Sweep 2.200 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.775000000 GHz
Start Freq
5.695000000 GHz
Stop Freq
5.855000000 GHz
CF Step
16.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

BAND EDGE MEASUREMENTS

TEST RESULT

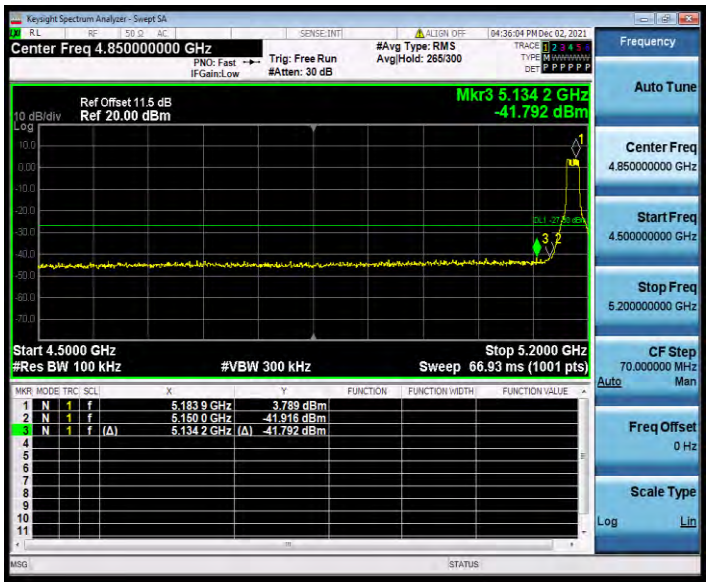
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-41.79	≤-27	PASS
		High	5320	-40.71	≤-27	PASS
		Low	5500	-40.15	≤-27	PASS
		High	5700	-38.26	≤-27	PASS
11N20SISO	Ant1	Low	5180	-41.84	≤-27	PASS
		High	5320	-41.74	≤-27	PASS
		Low	5500	-38.25	≤-27	PASS
		High	5700	-37.70	≤-27	PASS
11N40SISO	Ant1	Low	5190	-32.35	≤-27	PASS
		High	5310	-28.61	≤-27	PASS
		Low	5510	-29.04	≤-27	PASS
		High	5670	-38.53	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-41.11	≤-27	PASS
		High	5320	-41.59	≤-27	PASS
		Low	5500	-38.73	≤-27	PASS
		High	5700	-38.82	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-40.68	≤-27	PASS
		High	5310	-41.65	≤-27	PASS
		Low	5510	-41.30	≤-27	PASS
		High	5670	-43.43	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-41.32	≤-27	PASS
		High	5290	-39.3	≤-27	PASS
		Low	5530	-41.02	≤-27	PASS
		High	5610	-44.03	≤-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-42.37	≤7.60	PASS
				5700~5720	-37.14	≤15.43	PASS
				5720~5725	-29.96	≤26.83	PASS
				5760~5650	-44.03	≤-27	PASS
		High	5825	5850~5855	-39.63	≤16.10	PASS
				5855~5875	-41.48	≤10.44	PASS
				5875~5925	-43.46	≤9.61	PASS
				5925~5935	-44.12	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-43.51	≤3.43	PASS
				5700~5720	-37.04	≤15.40	PASS
				5720~5725	-27.69	≤26.83	PASS
				5760~5650	-44.07	≤-27	PASS
		High	5825	5850~5855	-38.26	≤15.79	PASS
				5855~5875	-41.94	≤10.17	PASS
				5875~5925	-43.31	≤6.11	PASS
				5925~5935	-43.60	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-36.83	≤8.16	PASS
				5700~5720	-25.91	≤15.09	PASS
				5720~5725	-23.75	≤24.05	PASS
				5780~5650	-44.94	≤-27	PASS
		High	5795	5850~5855	-39.20	≤21.30	PASS
				5855~5875	-41.84	≤10.69	PASS
				5875~5925	-43.98	≤6.29	PASS
				5925~5935	-44.84	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-42.98	≤4.02	PASS
				5700~5720	-35.81	≤15.24	PASS
				5720~5725	-27.42	≤26.04	PASS
				5760~5650	-45.02	≤-27	PASS
		High	5825	5850~5855	-37.94	≤15.79	PASS
				5855~5875	-41.74	≤10.06	PASS
				5875~5925	-43.69	≤-23.16	PASS
				5925~5935	-43.90	≤-27	PASS
11AC40SIS	Ant1	Low	5755	5650~5700	-43.58	≤-0.63	PASS

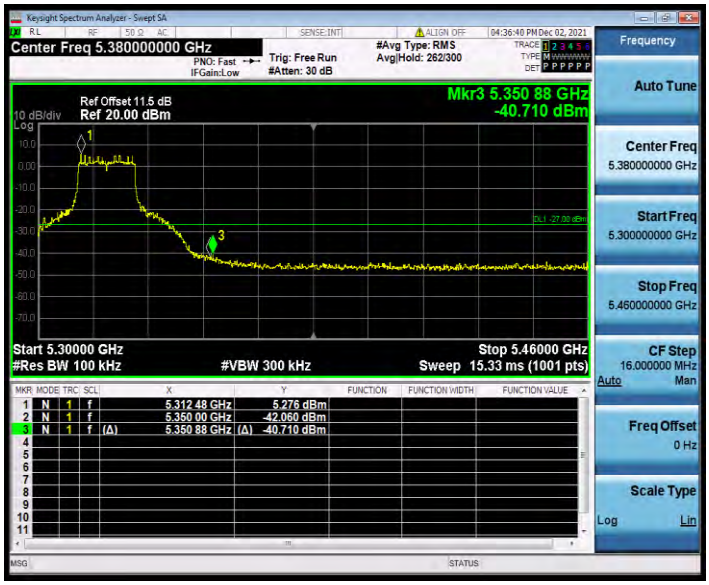
O				5700~5720	-39.60	≤15.39	PASS
				5720~5725	-36.57	≤24.05	PASS
				5780~5650	-44.85	≤-27	PASS
		High	5795	5850~5855	-44.37	≤17.91	PASS
				5855~5875	-44.36	≤13.32	PASS
				5875~5925	-43.60	≤1.04	PASS
				5925~5935	-44.96	≤-27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-42.53	≤8.99	PASS
				5700~5720	-35.35	≤15.48	PASS
				5720~5725	-35.95	≤16.71	PASS
				5800~5650	-44.00	≤-27	PASS
		High	5775	5850~5855	-39.84	≤25.50	PASS
				5855~5875	-40.57	≤10.23	PASS
				5875~5925	-43.52	≤-26.41	PASS
				5925~5935	-44.25	≤-27	PASS

TEST GRAPHS

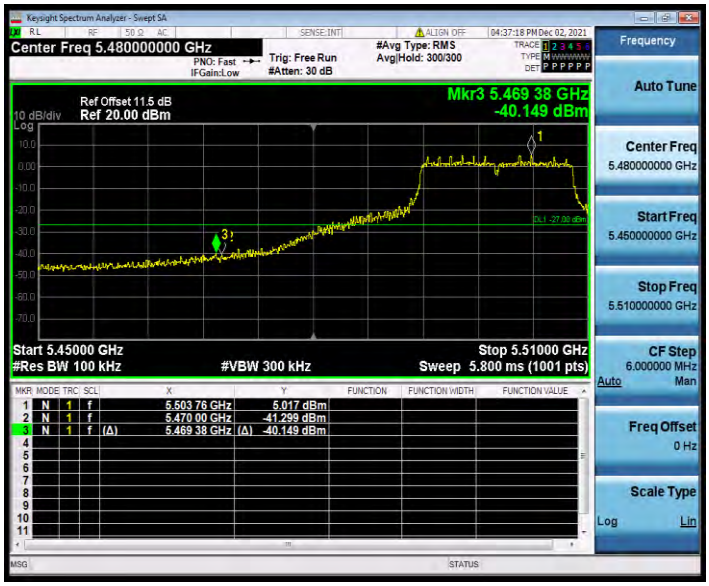
11A_Ant1_Low_5180



11A_Ant1_High_5320

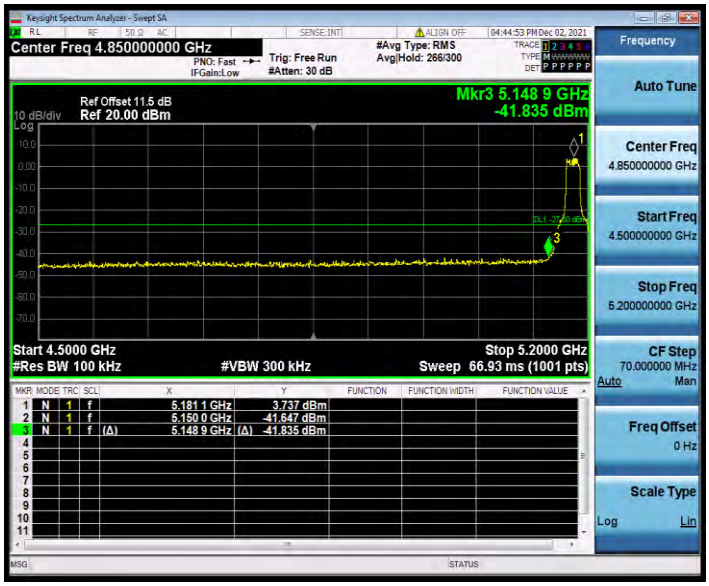


11A_Ant1_Low_5500

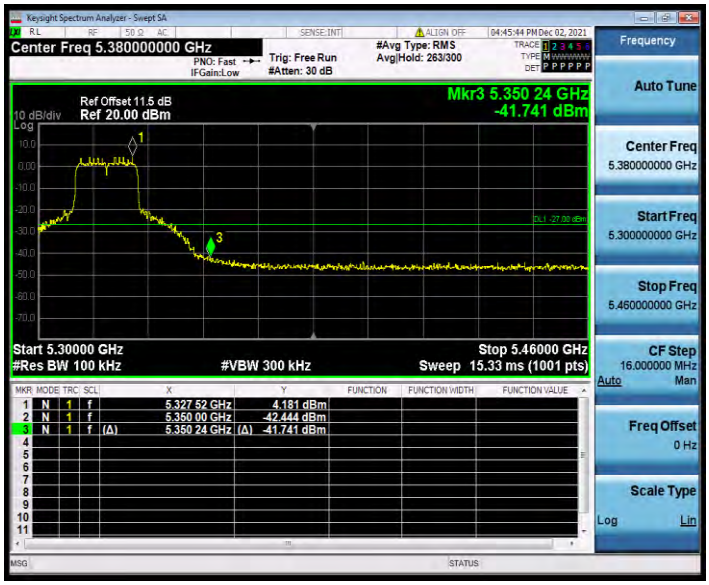


11A_Ant1_High_5700

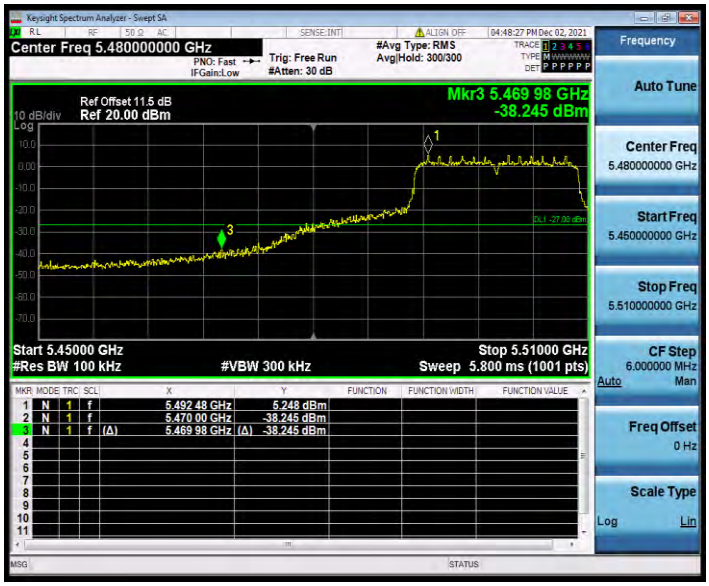
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5320

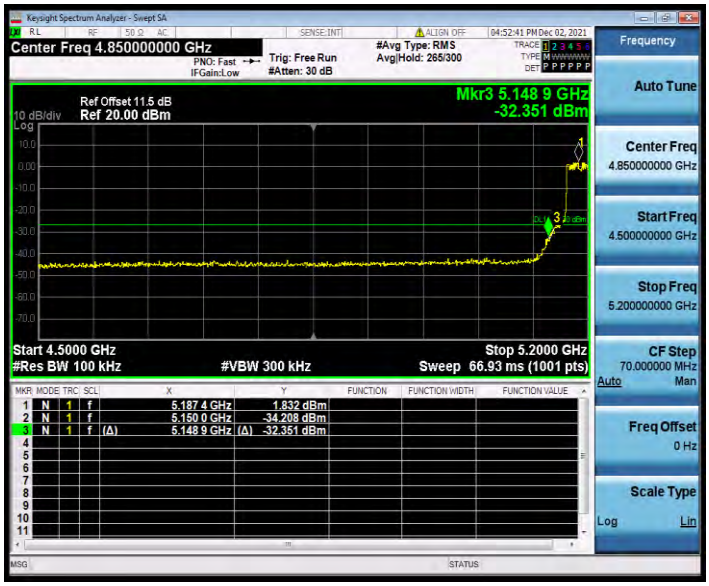


11N20SISO_Ant1_Low_5500



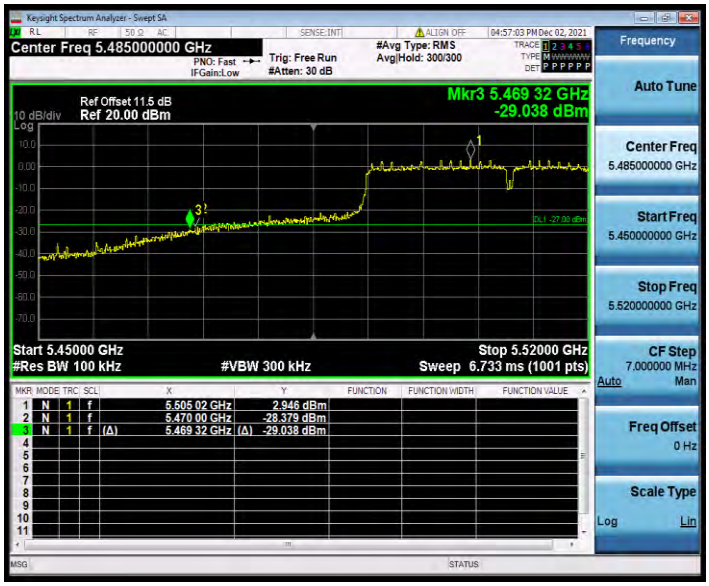
11N20SISO_Ant1_High_5700

11N40SISO_Ant1_Low_5190



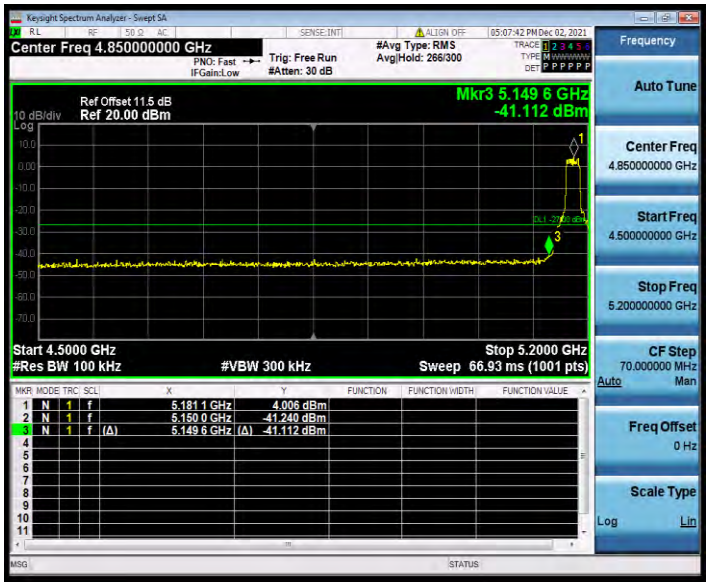
11N40SISO_Ant1_High_5310

11N40SISO_Ant1_Low_5510

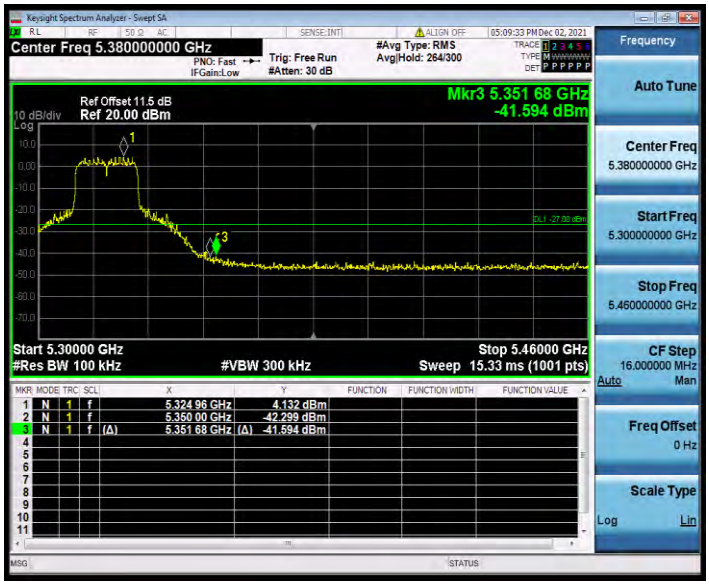


11N40SISO_Ant1_High_5670

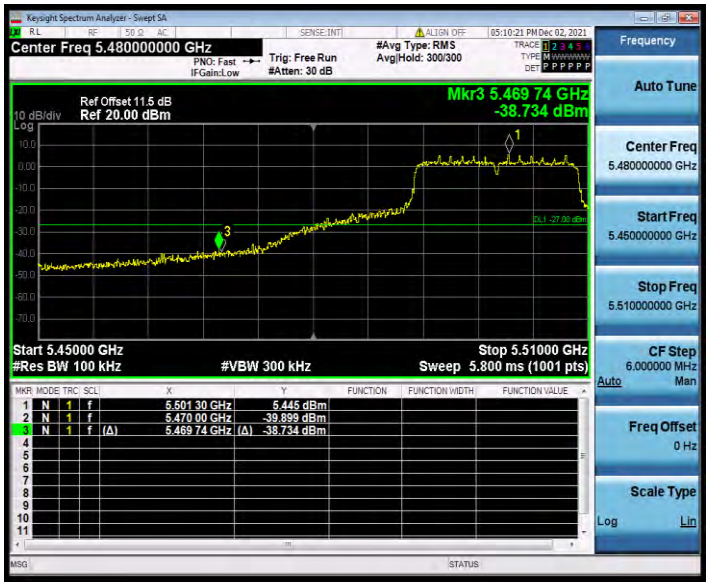
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5320

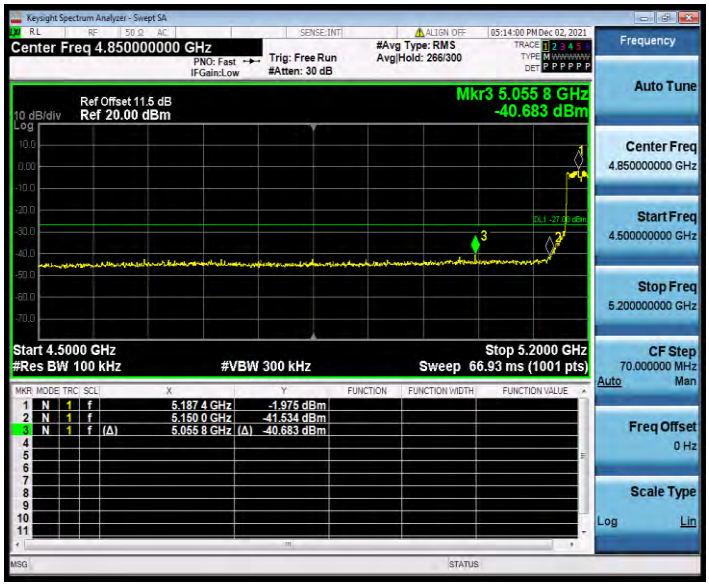


11AC20SISO_Ant1_Low_5500

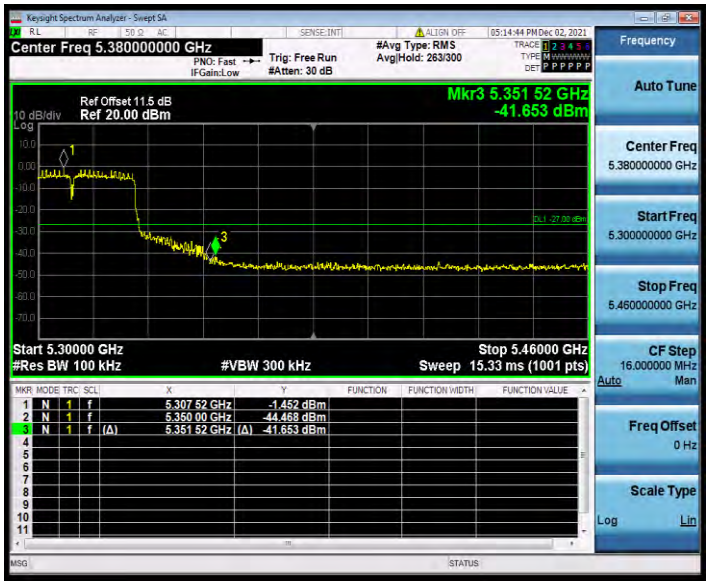


11AC20SISO_Ant1_High_5700

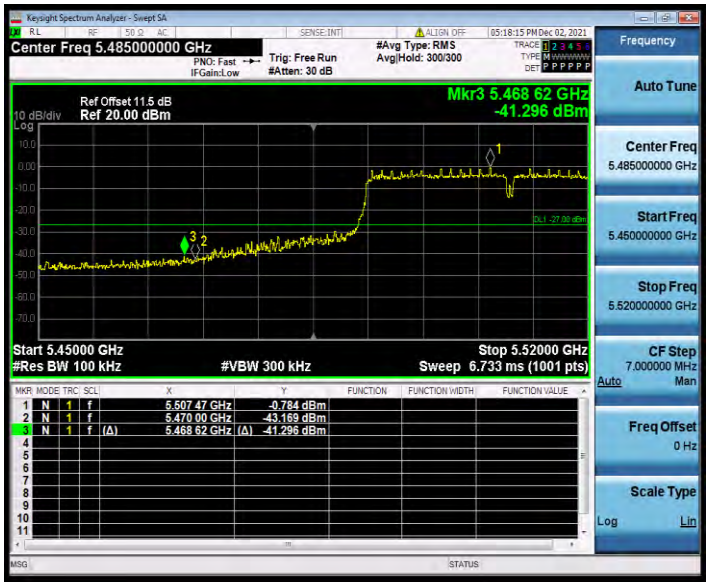
11AC40SISO_Ant1_Low_5190



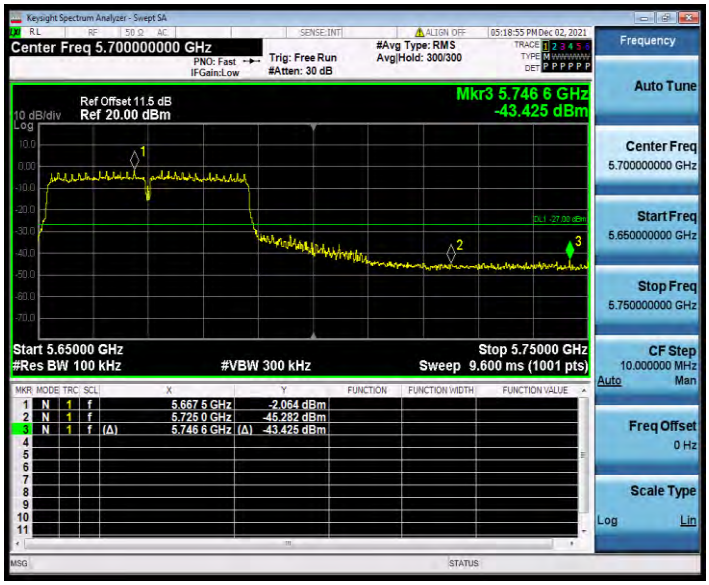
11AC40SISO_Ant1_High_5310



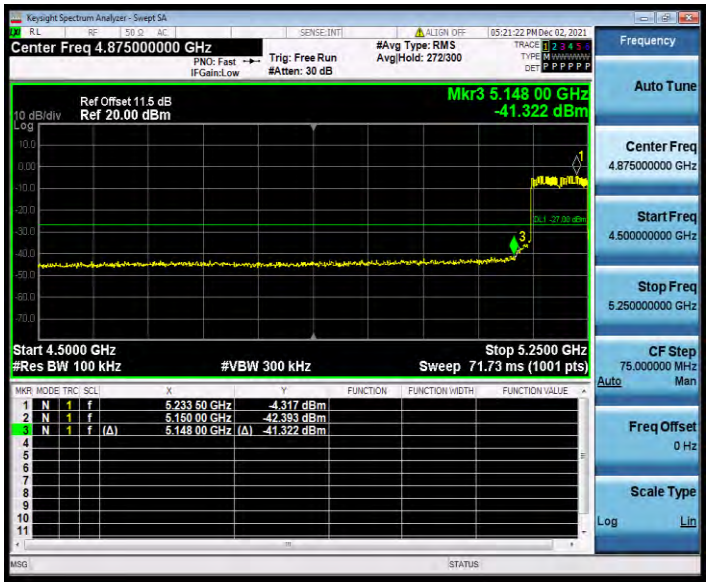
11AC40SISO_Ant1_Low_5510



11AC40SISO_Ant1_High_5670

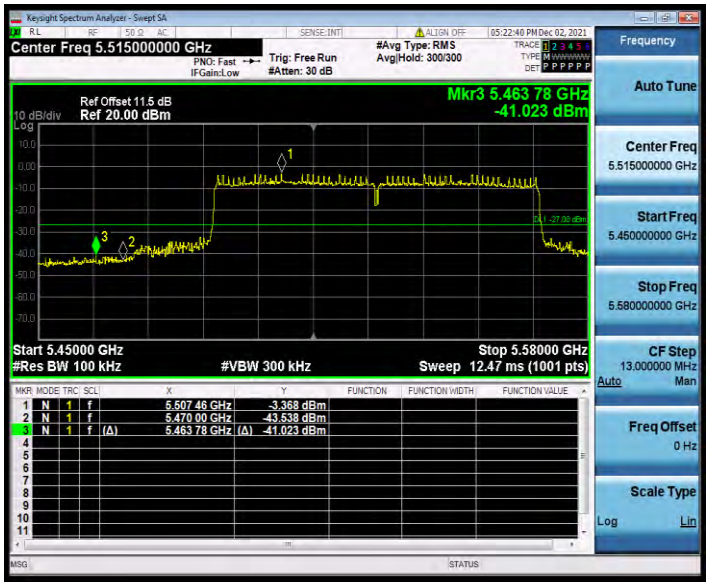


11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5290

11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610

11A_Ant1_Low_5745

11A_Ant1_High_5825

11N20SISO_Ant1_Low_5745

11N20SISO_Ant1_High_5825

11N40SISO_Ant1_Low_5755

11N40SISO_Ant1_High_5795

11AC20SISO_Ant1_Low_5745

11AC20SISO_Ant1_High_5825

11AC40SISO_Ant1_Low_5755

11AC40SISO_Ant1_High_5795

11AC80SISO_Ant1_Low_5775

11AC80SISO_Ant1_High_5775

DUTY CYCLE

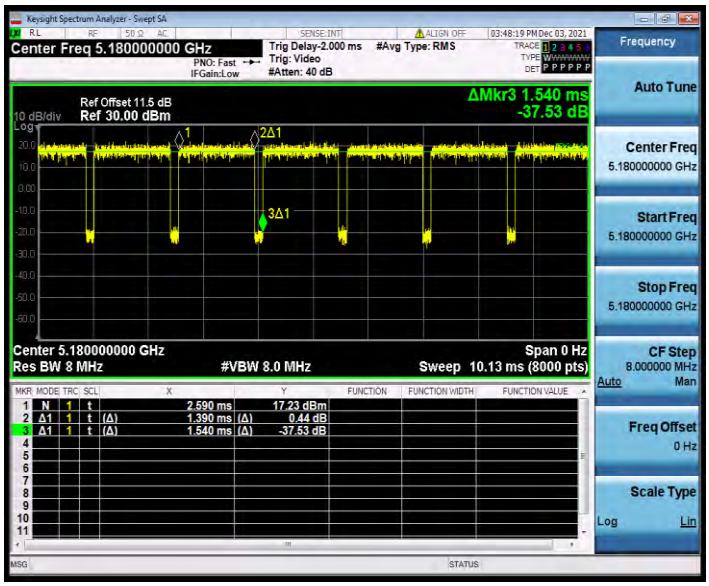
TEST RESULT

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.54	90.26	---	PASS
		5200	1.40	1.55	90.32	---	PASS
		5240	1.39	1.54	90.26	---	PASS
		5260	1.39	1.55	89.68	---	PASS
		5300	1.39	1.55	89.68	---	PASS
		5320	1.39	1.55	89.68	---	PASS
		5500	1.39	1.55	89.68	---	PASS
		5580	1.39	1.55	89.68	---	PASS
		5700	1.39	1.55	89.68	---	PASS
		5745	1.40	1.55	90.32	---	PASS
		5785	1.40	1.55	90.32	---	PASS
		5825	1.40	1.55	90.32	---	PASS
11N20SISO	Ant1	5180	1.18	1.33	88.72	---	PASS
		5200	1.18	1.34	88.06	---	PASS
		5240	1.18	1.34	88.06	---	PASS
		5260	1.18	1.33	88.72	---	PASS
		5300	1.18	1.34	88.06	---	PASS
		5320	1.18	1.35	87.41	---	PASS
		5500	1.18	1.33	88.72	---	PASS
		5580	1.18	1.33	88.72	---	PASS
		5700	1.18	1.33	88.72	---	PASS
		5745	1.18	1.34	88.06	---	PASS
		5785	1.18	1.34	88.06	---	PASS
		5825	1.18	1.34	88.06	---	PASS
11N40SISO	Ant1	5190	0.59	0.74	79.73	---	PASS
		5230	0.59	0.74	79.73	---	PASS
		5270	0.59	0.74	79.73	---	PASS
		5310	0.59	0.74	79.73	---	PASS
		5510	0.59	0.74	79.73	---	PASS
		5550	0.58	0.74	78.38	---	PASS

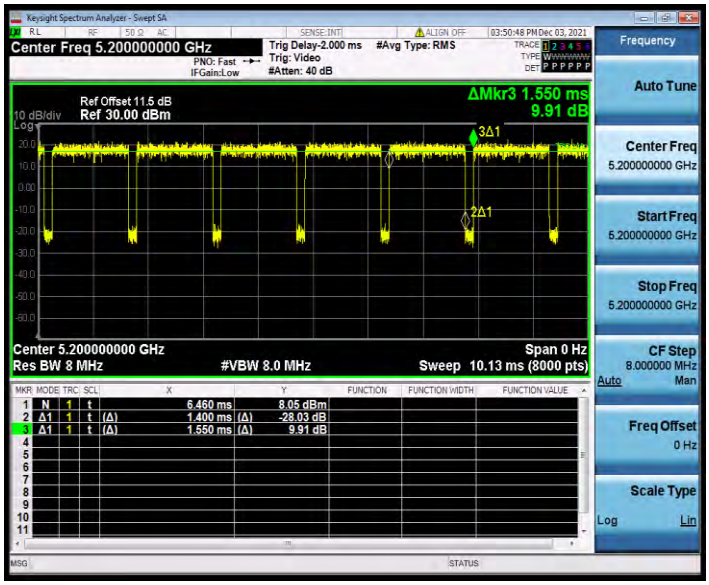
		5670	0.59	0.74	79.73	---	PASS
		5755	0.58	0.74	78.38	---	PASS
		5795	0.59	0.74	79.73	---	PASS
11AC20SISO	Ant1	5180	1.19	1.34	88.81	---	PASS
		5200	1.19	1.34	88.81	---	PASS
		5240	1.18	1.34	88.06	---	PASS
		5260	1.19	1.34	88.81	---	PASS
		5300	1.19	1.34	88.81	---	PASS
		5320	1.19	1.34	88.81	---	PASS
		5500	1.19	1.34	88.81	---	PASS
		5580	1.19	1.34	88.81	---	PASS
		5700	1.19	1.34	88.81	---	PASS
		5745	1.19	1.68	70.83	---	PASS
		5785	1.19	1.35	88.15	---	PASS
		5825	1.19	1.34	88.81	---	PASS
11AC40SISO	Ant1	5190	0.60	0.75	80.00	---	PASS
		5230	0.60	0.75	80.00	---	PASS
		5270	0.60	0.75	80.00	---	PASS
		5310	0.60	0.75	80.00	---	PASS
		5510	0.59	0.74	79.73	---	PASS
		5550	0.60	0.75	80.00	---	PASS
		5670	0.59	0.75	78.67	---	PASS
		5755	0.60	0.75	80.00	---	PASS
		5795	0.60	0.78	76.92	---	PASS
11AC80SISO	Ant1	5210	0.29	0.45	64.44	---	PASS
		5290	0.29	0.45	64.44	---	PASS
		5530	0.30	0.45	66.67	---	PASS
		5610	0.29	0.44	65.91	---	PASS
		5775	0.30	0.45	66.67	---	PASS

TEST GRAPHS

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240