

Case No. : <u>GTS20260225003-4-12</u>	
Ambient Condition: <u>25</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2026.4.14</u>	Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.537	5736.7270	5753.2640	---	---
		5785	16.534	5776.7341	5793.2681	---	---
		5825	16.562	5816.7141	5833.2761	---	---
11N20SISO	Ant1	5745	17.632	5736.1936	5753.8256	---	---
		5785	17.635	5776.2006	5793.8356	---	---
		5825	17.627	5816.2092	5833.8362	---	---
11N40SISO	Ant1	5755	36.365	5736.8748	5773.2398	---	---
		5795	36.448	5776.9370	5813.3850	---	---
11AC20SISO	Ant1	5745	17.638	5736.1932	5753.8312	---	---
		5785	17.642	5776.2011	5793.8431	---	---
		5825	17.641	5816.2029	5833.8439	---	---
11AC40SISO	Ant1	5755	36.316	5736.9196	5773.2356	---	---
		5795	36.423	5776.9609	5813.3839	---	---
11AC80SISO	Ant1	5775	74.863	5737.7156	5812.5786	---	---

Test Graphs

11A_Ant1_5745



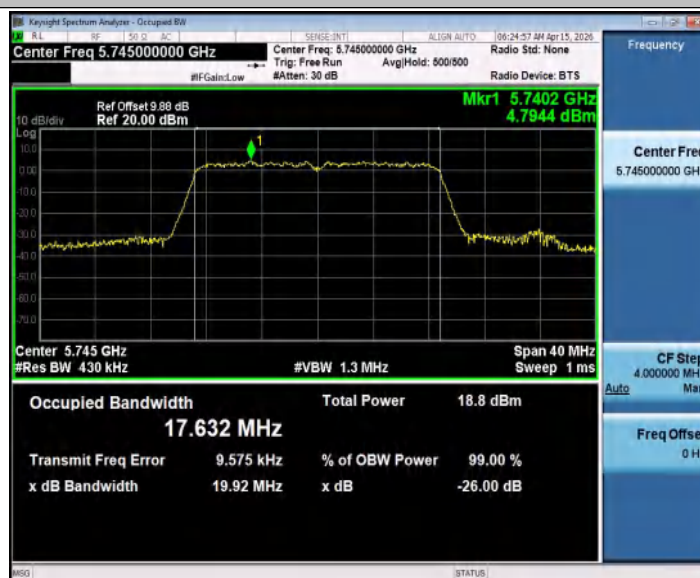
11A_Ant1_5785



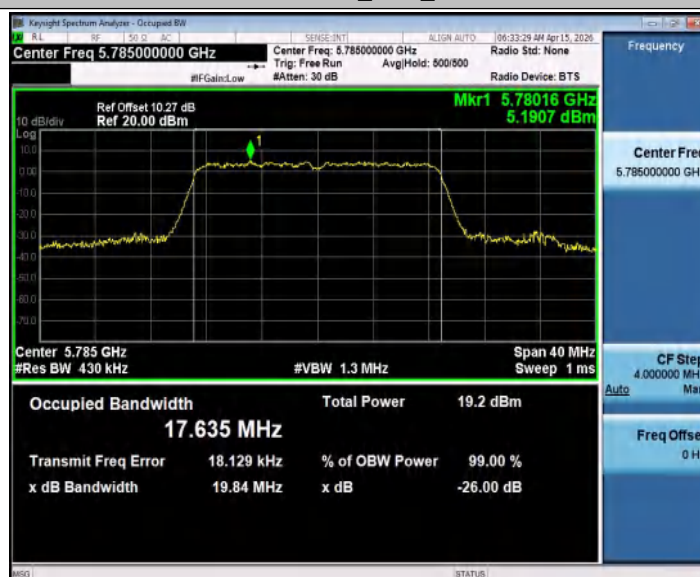
11A_Ant1_5825



11N20SISO_Ant1_5745



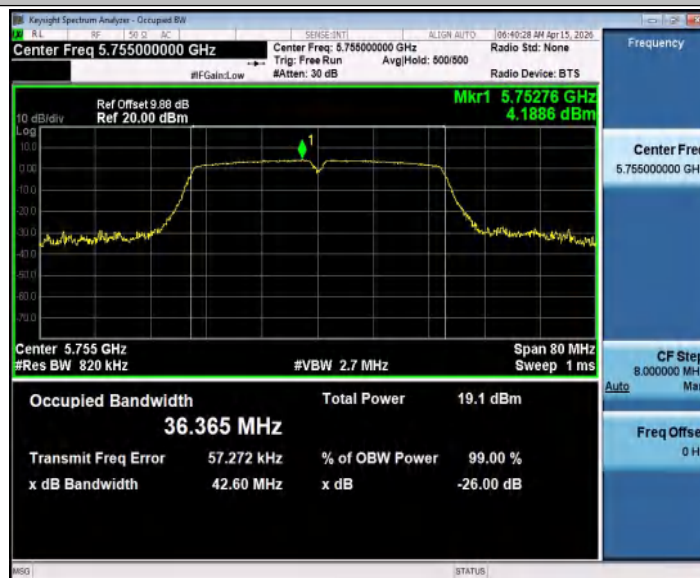
11N20SISO_Ant1_5785



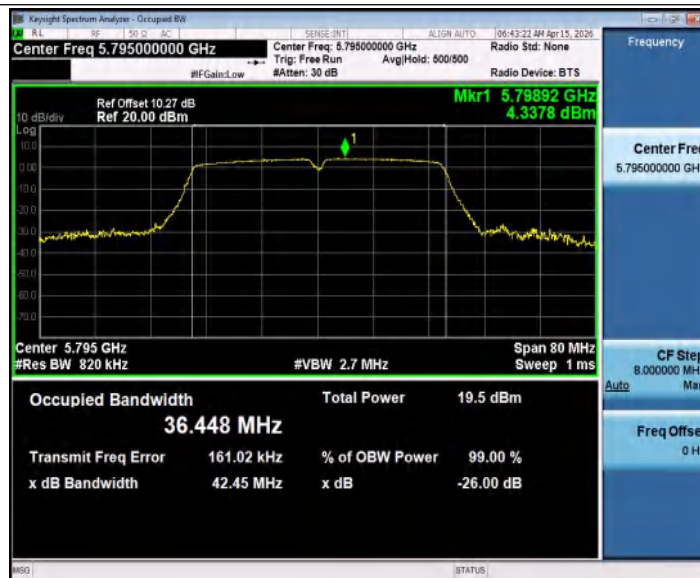
11N20SISO_Ant1_5825



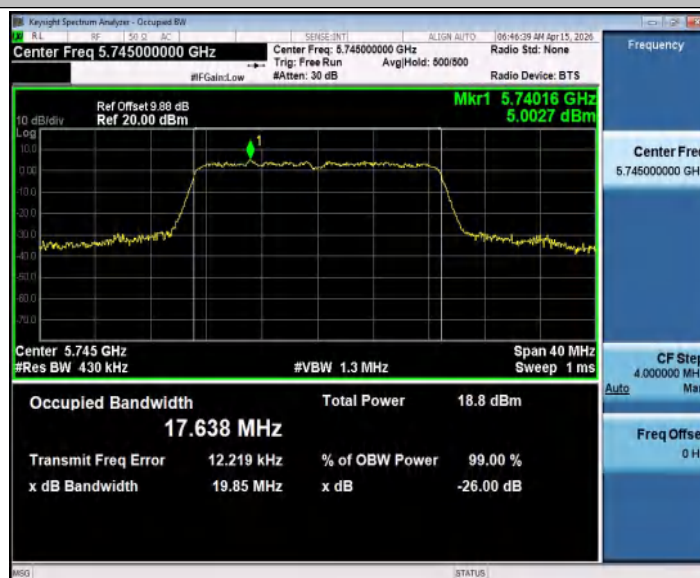
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



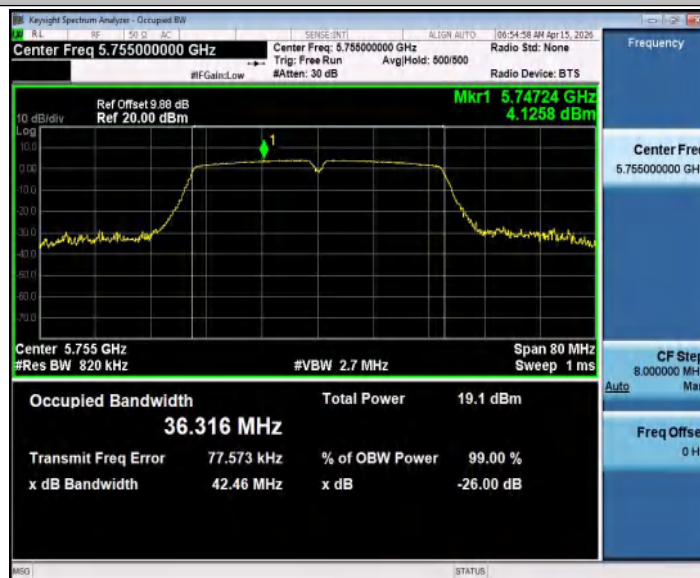
11AC20SISO_Ant1_5785



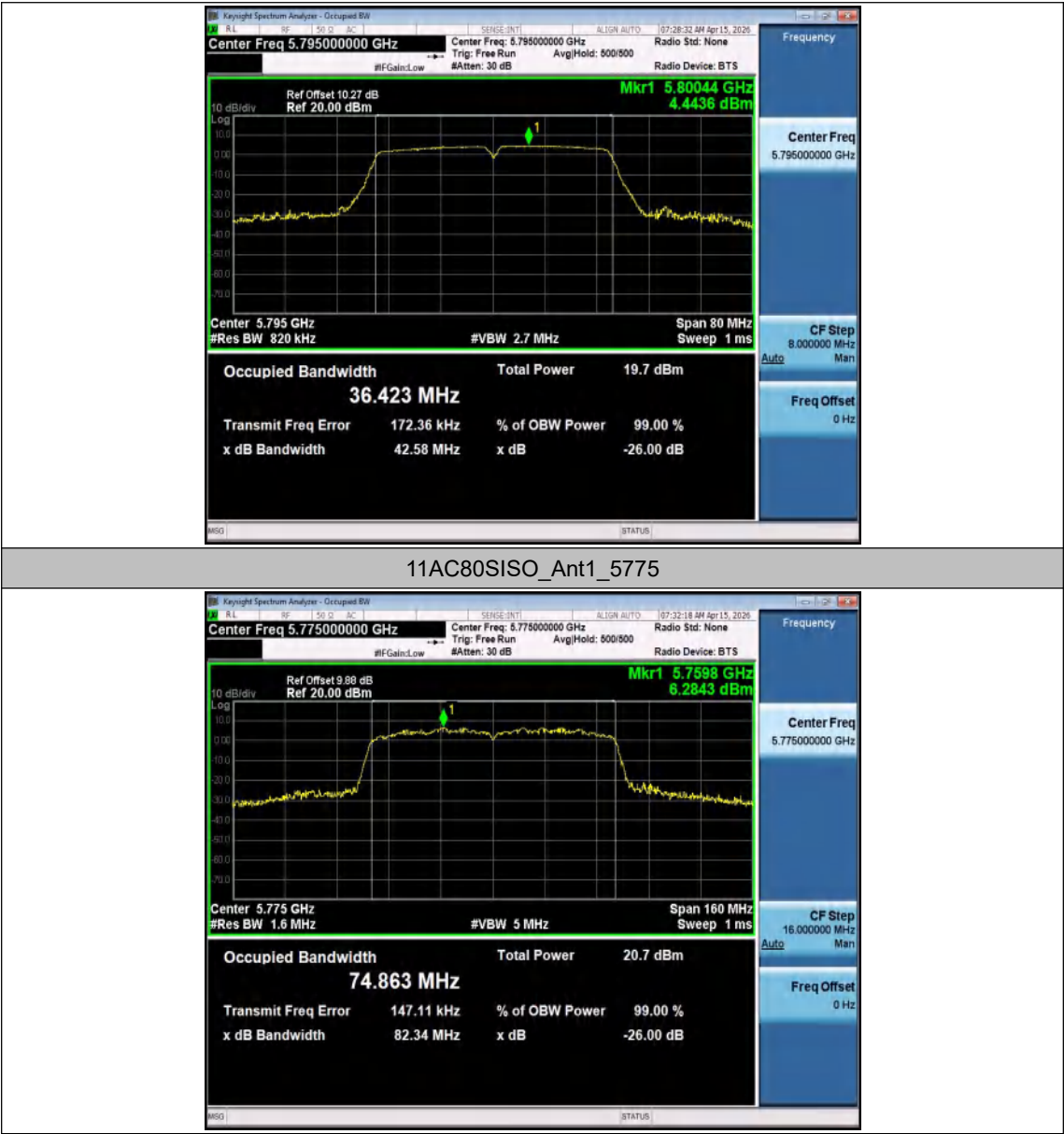
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.2: Min emission bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.760	5753.240	0.5	PASS
		5785	16.520	5776.760	5793.280	0.5	PASS
		5825	16.480	5816.760	5833.240	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.840	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.640	5776.200	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.840	5813.240	0.5	PASS
11AC80SISO	Ant1	5775	76.160	5737.080	5813.240	0.5	PASS

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



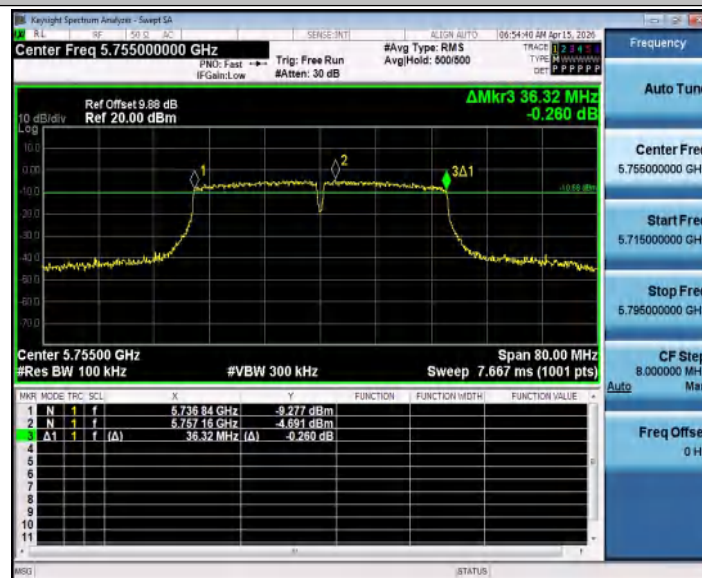
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



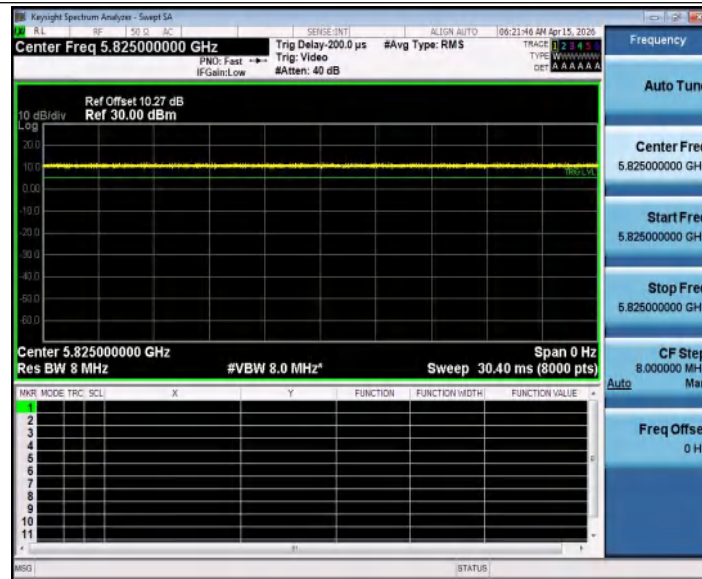
11AC80SISO_Ant1_5775



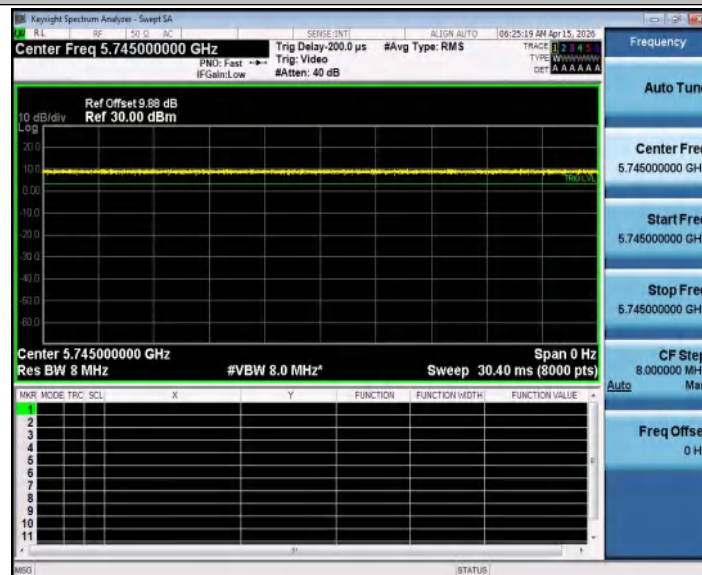
Appendix E.3: Duty Cycle

Test Result

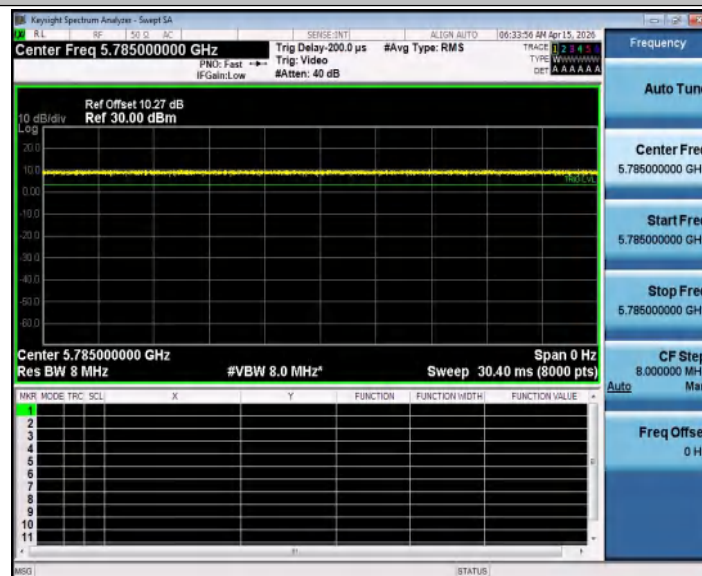
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant1	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5775	30.00	30.00	100.00	0.00	0.03



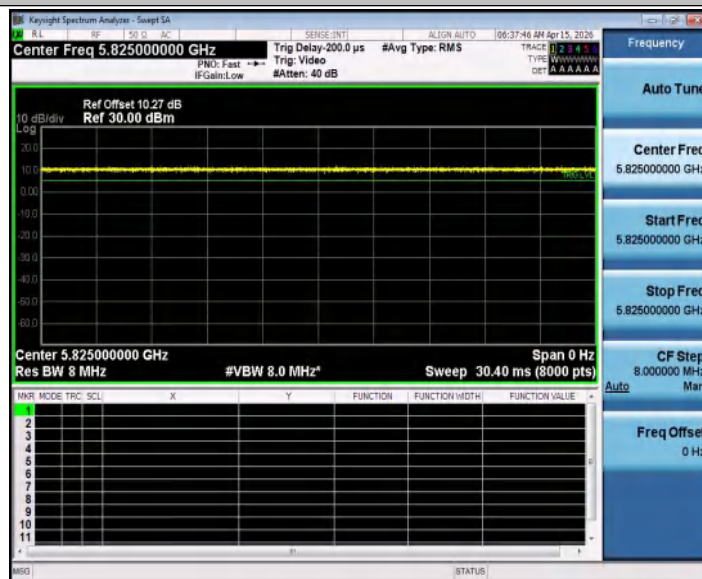
11N20SISO_Ant1_5745



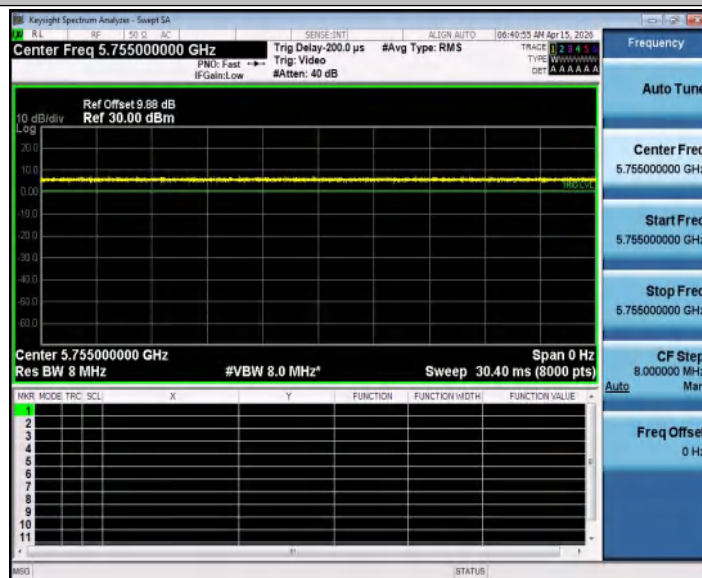
11N20SISO_Ant1_5785



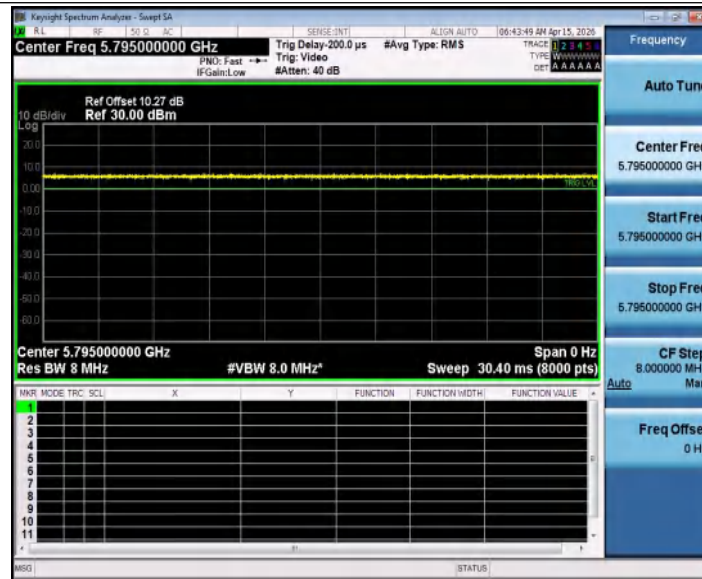
11N20SISO_Ant1_5825



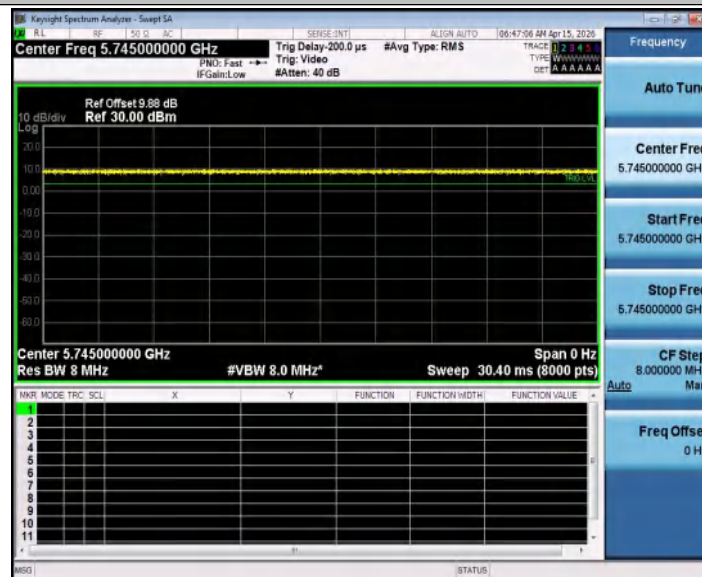
11N40SISO_Ant1_5755



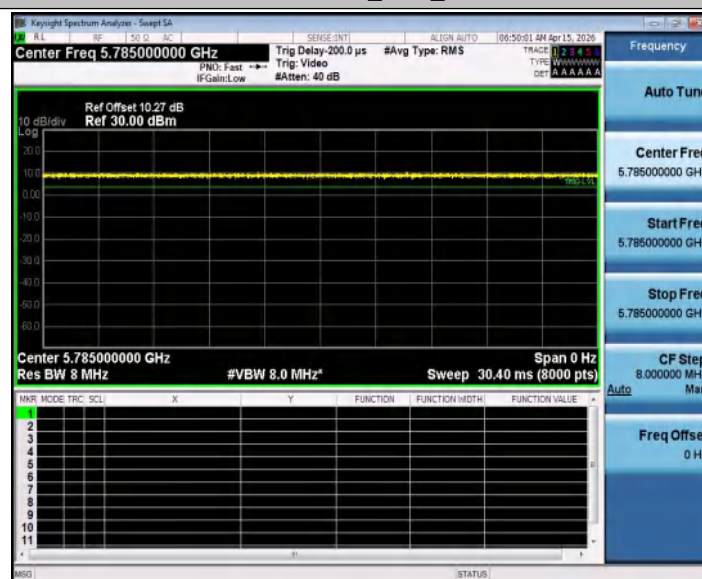
11N40SISO_Ant1_5795



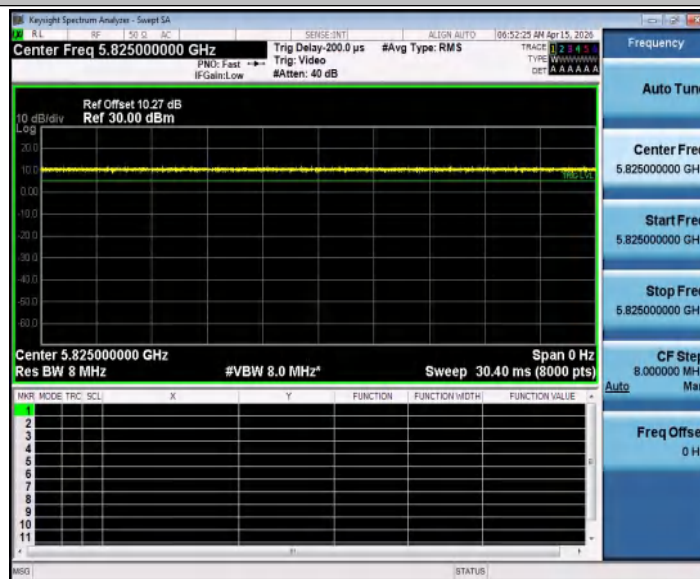
11AC20SISO_Ant1_5745



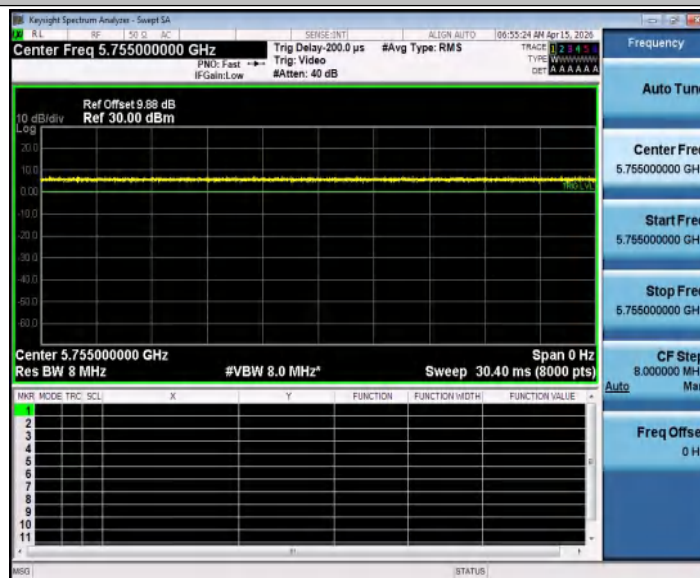
11AC20SISO_Ant1_5785



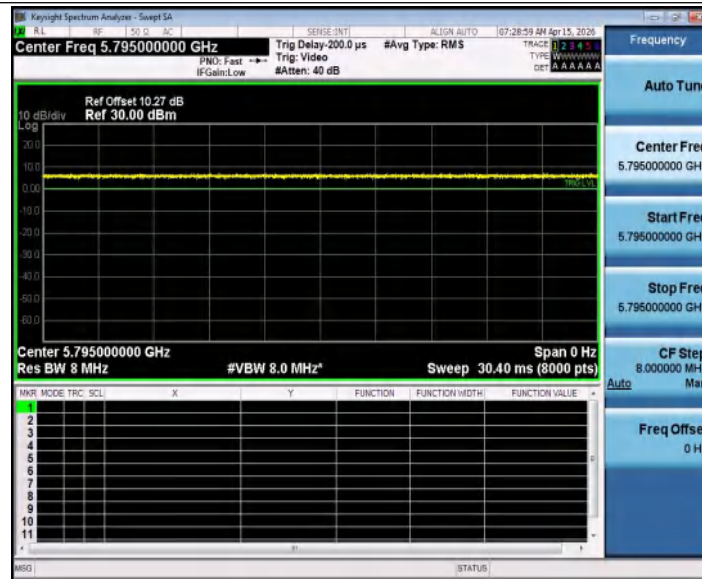
11AC20SISO_Ant1_5825



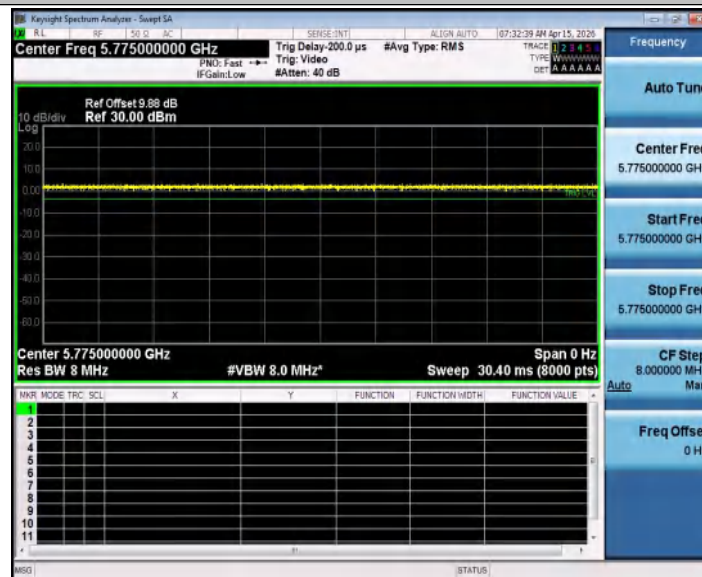
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	12.49	100.00	0.00	12.49	≤30.00	PASS
		5785	12.53	100.00	0.00	12.53	≤30.00	PASS
		5825	14.09	100.00	0.00	14.09	≤30.00	PASS
11N20SISO	Ant1	5745	12.23	100.00	0.00	12.23	≤30.00	PASS
		5785	12.66	100.00	0.00	12.66	≤30.00	PASS
		5825	14.12	100.00	0.00	14.12	≤30.00	PASS
11N40SISO	Ant1	5755	11.97	100.00	0.00	11.97	≤30.00	PASS
		5795	12.35	100.00	0.00	12.35	≤30.00	PASS
11AC20SISO	Ant1	5745	12.26	100.00	0.00	12.26	≤30.00	PASS
		5785	12.36	100.00	0.00	12.36	≤30.00	PASS
		5825	13.97	100.00	0.00	13.97	≤30.00	PASS
11AC40SISO	Ant1	5755	11.97	100.00	0.00	11.97	≤30.00	PASS
		5795	12.49	100.00	0.00	12.49	≤30.00	PASS
11AC80SISO	Ant1	5775	11.80	100.00	0.00	11.80	≤30.00	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the data.

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.06	≤30.00	PASS
		5785	-2.03	≤30.00	PASS
		5825	-0.76	≤30.00	PASS
11N20SISO	Ant1	5745	-2.43	≤30.00	PASS
		5785	-2.26	≤30.00	PASS
		5825	-0.90	≤30.00	PASS
11N40SISO	Ant1	5755	-5.35	≤30.00	PASS
		5795	-5.04	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.42	≤30.00	PASS
		5785	-2.30	≤30.00	PASS
		5825	-0.98	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.34	≤30.00	PASS
		5795	-4.89	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.83	≤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



Appendix E.6: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.28	≤-26.70	PASS
				5700~5720	-34.45	≤14.95	PASS
				5720~5725	-33.61	≤16.60	PASS
				5760~5650	-39.68	≤-27	PASS
		High	5825	5850~5855	-36.83	≤16.34	PASS
				5855~5875	-37.69	≤10.51	PASS
				5875~5925	-38.97	≤-26.91	PASS
				5925~5935	-38.03	≤-27	PASS
11N20SIS O	Ant1	Low	5745	5650~5700	-38.93	≤-26.19	PASS
				5700~5720	-32.26	≤14.82	PASS
				5720~5725	-33.1	≤16.34	PASS
				5760~5650	-39.39	≤-27	PASS
		High	5825	5850~5855	-36.35	≤15.73	PASS
				5855~5875	-37.05	≤10.89	PASS
				5875~5925	-39.61	≤-26.91	PASS
				5925~5935	-38.05	≤-27	PASS
11N40SIS O	Ant1	Low	5755	5650~5700	-39.2	≤-26.20	PASS
				5700~5720	-29.88	≤15.35	PASS
				5720~5725	-31.6	≤16.04	PASS
				5780~5650	-39.04	≤-27	PASS
		High	5795	5850~5855	-38.41	≤16.03	PASS
				5855~5875	-38.25	≤10.25	PASS
				5875~5925	-38.65	≤-26.46	PASS
				5925~5935	-38.05	≤-27	PASS
11AC20SI SO	Ant1	Low	5745	5650~5700	-38.41	≤-26.10	PASS
				5700~5720	-31.7	≤15.14	PASS
				5720~5725	-30.56	≤18.44	PASS
				5760~5650	-39.7	≤-27	PASS
		High	5825	5850~5855	-35.51	≤16.65	PASS
				5855~5875	-38.53	≤10.17	PASS
				5875~5925	-39.34	≤-26.91	PASS
				5925~5935	-37.14	≤-27	PASS
11AC40SI SO	Ant1	Low	5755	5650~5700	-39.84	≤-26.50	PASS
				5700~5720	-28.59	≤15.39	PASS
				5720~5725	-30.54	≤17.28	PASS
				5780~5650	-38.2	≤-27	PASS
		High	5795	5850~5855	-37.93	≤16.03	PASS

				5855~5875	-38.21	≤ 10.11	PASS
				5875~5925	-38.29	≤ -26.83	PASS
				5925~5935	-38.34	≤ -27	PASS
11AC80SI SO	Ant1	Low	5775	5650~5700	-39.1	≤ -25.77	PASS
				5700~5720	-30.14	≤ 12.52	PASS
				5720~5725	-30.4	≤ 16.71	PASS
				5800~5650	-39.57	≤ -27	PASS
		High	5775	5850~5855	-34.19	≤ 16.68	PASS
				5855~5875	-37.33	≤ 10.92	PASS
				5875~5925	-39.68	≤ -26.60	PASS
				5925~5935	-38.33	≤ -27	PASS

Test Graphs

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



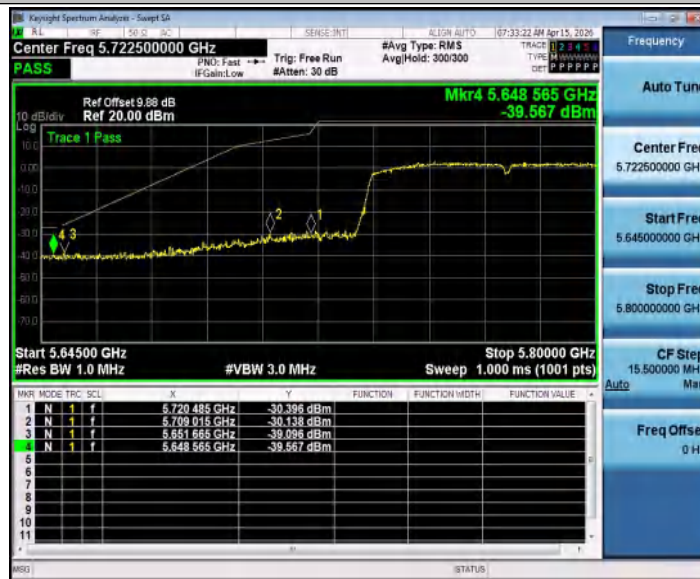
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5430.07	-40.08	≤-27	PASS
			5925~27000	26078.32	-31.7	≤-27	PASS
		5785	30~5650	5450.68	-40.1	≤-27	PASS
			5925~27000	24863	-31.7	≤-27	PASS
		5825	30~5650	2638.24	-39.9	≤-27	PASS
			5925~27000	24268.68	-32.11	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	80.21	-39.99	≤-27	PASS
			5925~27000	24265.87	-31.59	≤-27	PASS
		5785	30~5650	3162.03	-40.34	≤-27	PASS
			5925~27000	23509.28	-31.3	≤-27	PASS
		5825	30~5650	5411.9	-40.5	≤-27	PASS
			5925~27000	24762.54	-31.57	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	30.94	-31.52	≤-27	PASS
			5925~27000	23515.6	-31.72	≤-27	PASS
		5795	30~5650	30.37	-33.14	≤-27	PASS
			5925~27000	24897.42	-30.77	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2671.4	-40.53	≤-27	PASS
			5925~27000	25242.35	-32.26	≤-27	PASS
		5785	30~5650	3121.56	-38.98	≤-27	PASS
			5925~27000	26752.72	-31.52	≤-27	PASS
		5825	30~5650	3309.64	-39.44	≤-27	PASS
			5925~27000	24267.98	-32.01	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	30.37	-31.13	≤-27	PASS
			5925~27000	25678.6	-32.08	≤-27	PASS
		5795	30~5650	30	-32.72	≤-27	PASS
			5925~27000	24164.01	-30.88	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	53.42	-36.13	≤-27	PASS
			5925~27000	23543	-31.8	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



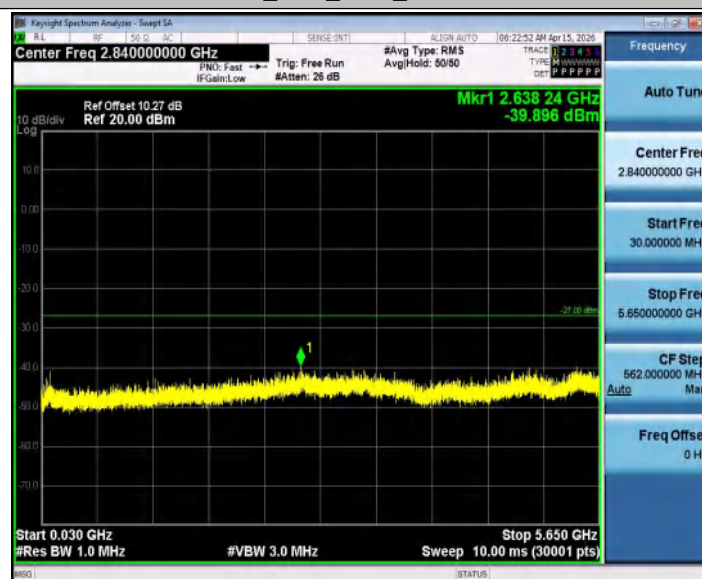
11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



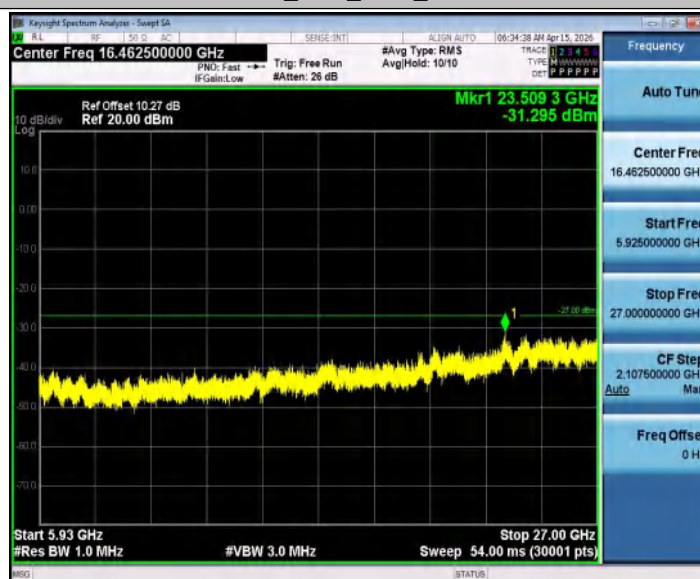
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000

