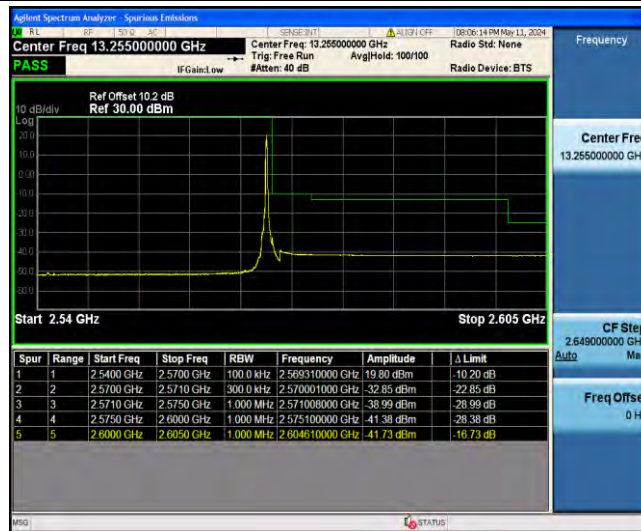
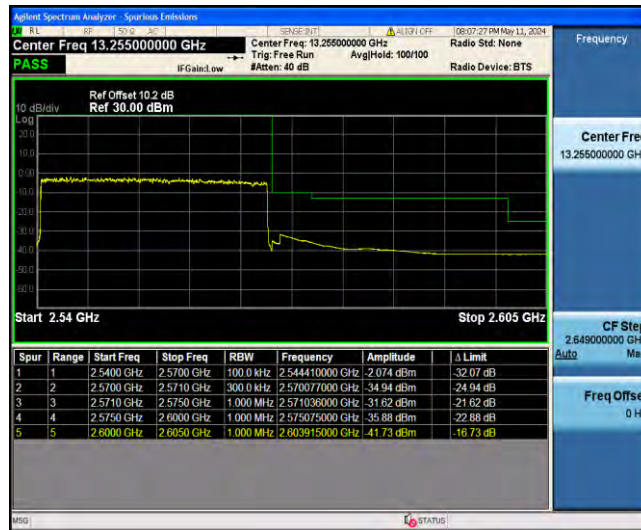
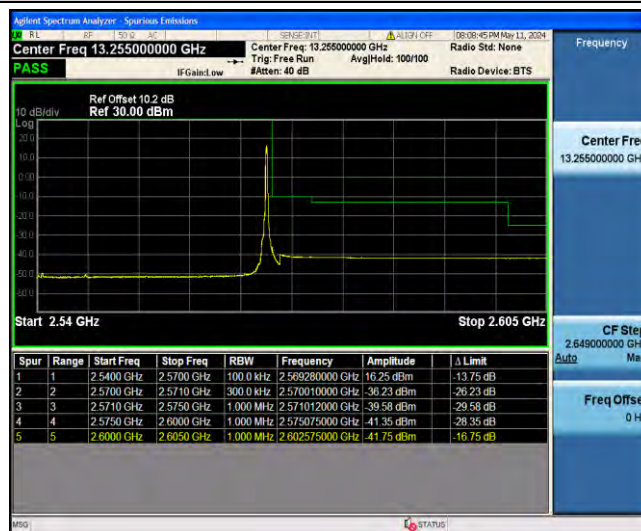




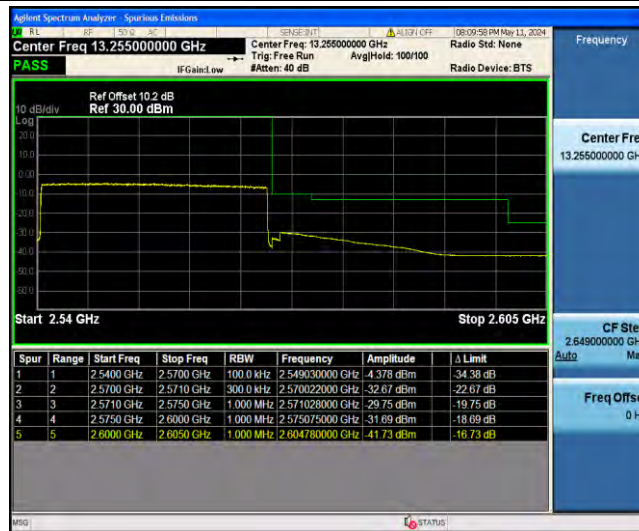
1-N7-PC3-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant41-2604.61-16.73--41.73-PASS



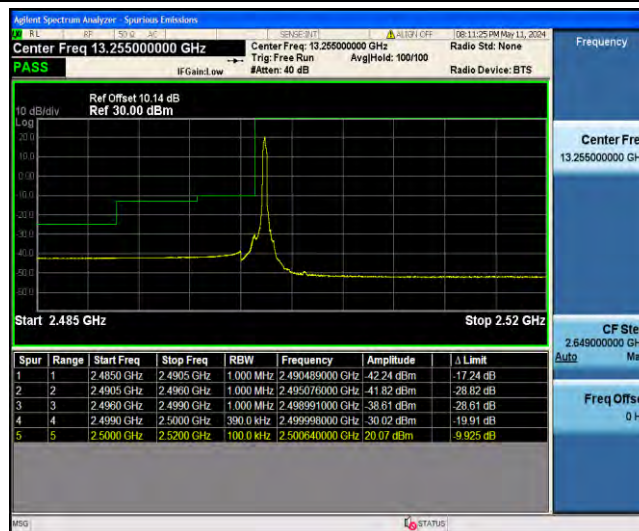
1-N7-PC3-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant41-2603.92-16.73--41.73-PASS



1-N7-PC3-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant41-2602.58-16.75--41.75-PASS



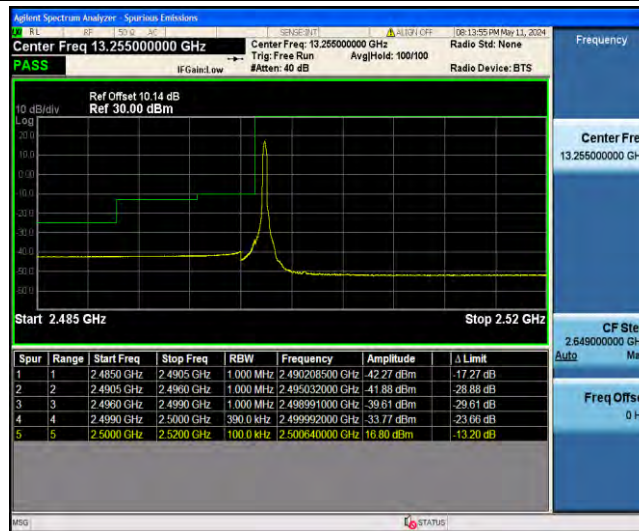
1-N7-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant41-2604.78-16.73--41.73-PASS



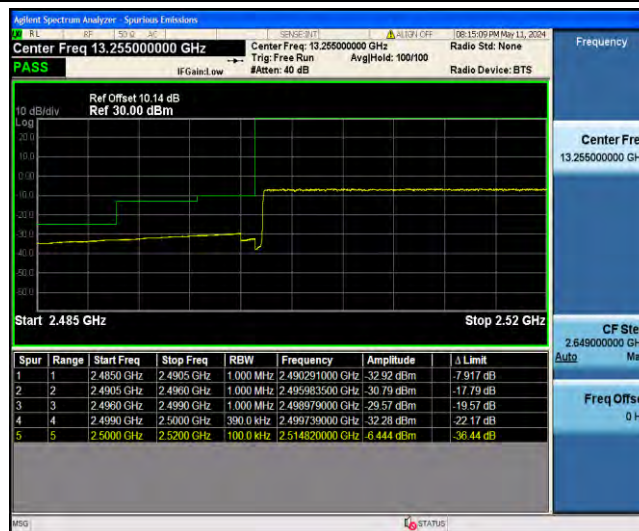
1-N7-PC3-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-2500.64-9.93-20.07-PASS



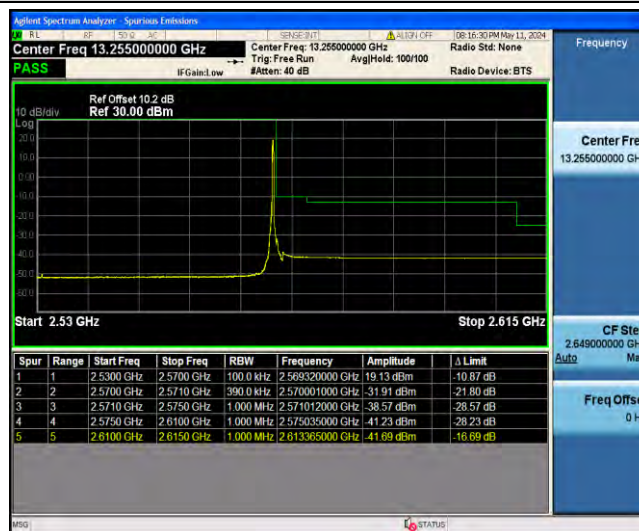
1-N7-PC3-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant41-2490.46-8.83--33.83-PASS



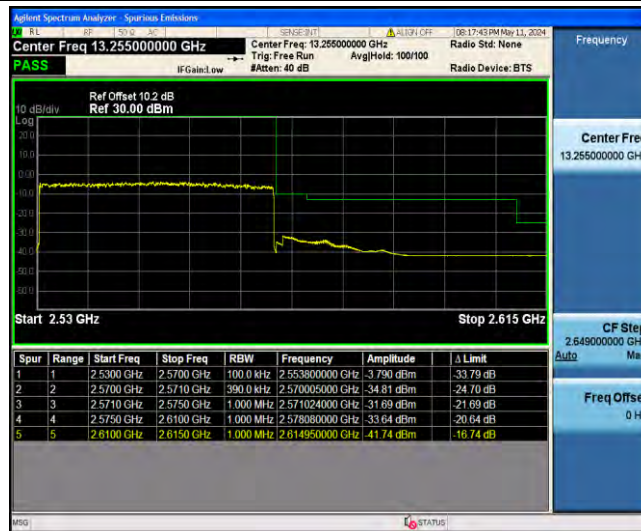
1-N7-PC3-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-2500.64-13.20-16.80-PASS



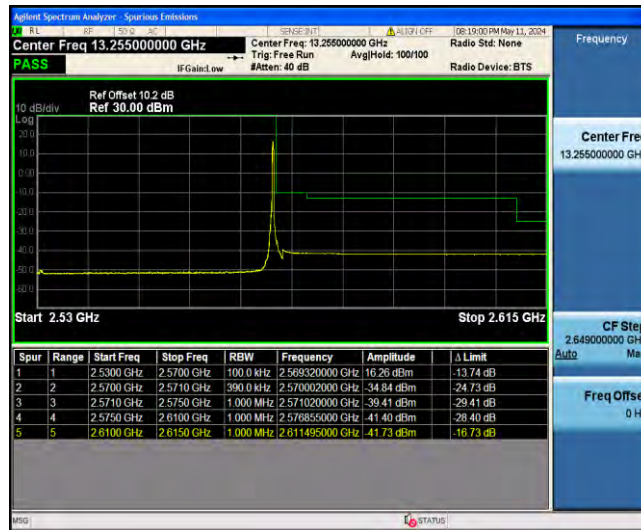
1-N7-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant41-2490.29-7.92--32.92-PASS



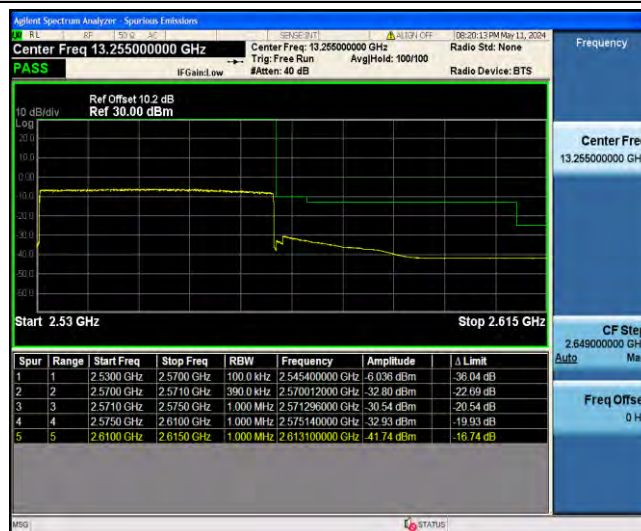
1-N7-PC3-15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@215-Ant41-2613.37-16.69--41.69-PASS



1-N7-PC3-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant41-2614.95-16.74--41.74-PASS



1-N7-PC3-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant41-2611.50-16.73--41.73-PASS



1-N7-PC3-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant41-2613.10-16.74--41.74-PASS

Conducted Spurious Emission for SA

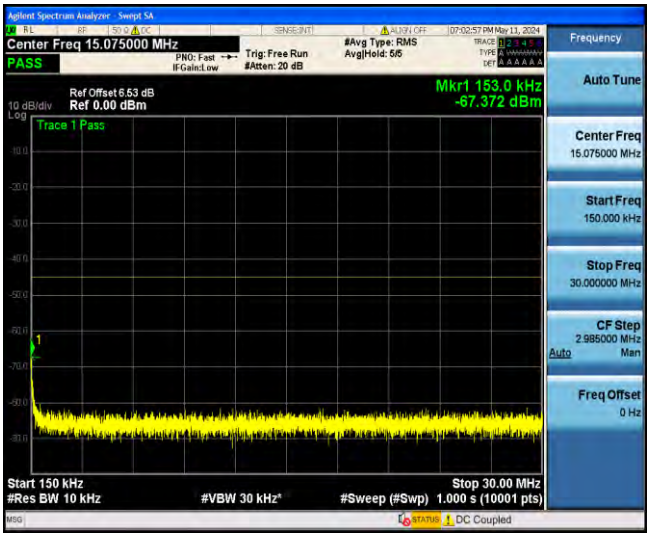
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N7	15	40	DFT-PI2BPSK	L	0.009	0.15	1@1	-65.01	-55	PASS
N7	15	40	DFT-PI2BPSK	L	0.15	30	1@1	-67.37	-45	PASS
N7	15	40	DFT-PI2BPSK	L	30	1000	1@1	-54.00	-35	PASS
N7	15	40	DFT-PI2BPSK	L	1000	3000	1@1	-40.48	-25	PASS
N7	15	40	DFT-PI2BPSK	L	3000	12000	1@1	-46.74	-25	PASS
N7	15	40	DFT-PI2BPSK	L	12000	26500	1@1	-34.98	-25	PASS
N7	15	40	DFT-PI2BPSK	M	0.009	0.15	1@1	-64.80	-55	PASS
N7	15	40	DFT-PI2BPSK	M	0.15	30	1@1	-58.72	-45	PASS
N7	15	40	DFT-PI2BPSK	M	30	1000	1@1	-54.16	-35	PASS
N7	15	40	DFT-PI2BPSK	M	1000	3000	1@1	-40.44	-25	PASS
N7	15	40	DFT-PI2BPSK	M	3000	12000	1@1	-46.71	-25	PASS
N7	15	40	DFT-PI2BPSK	M	12000	26500	1@1	-34.86	-25	PASS
N7	15	40	DFT-PI2BPSK	H	0.009	0.15	1@1	-66.23	-55	PASS
N7	15	40	DFT-PI2BPSK	H	0.15	30	1@1	-61.74	-45	PASS
N7	15	40	DFT-PI2BPSK	H	30	1000	1@1	-54.02	-35	PASS
N7	15	40	DFT-PI2BPSK	H	1000	3000	1@1	-40.46	-25	PASS
N7	15	40	DFT-PI2BPSK	H	3000	12000	1@1	-46.74	-25	PASS
N7	15	40	DFT-PI2BPSK	H	12000	26500	1@1	-34.98	-25	PASS

Test Graphs



1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--65.01--55-PASS



1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.15--67.37--45-PASS



1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-855.32--54.00--35-PASS



1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2662.70--40.48--25-PA
SS



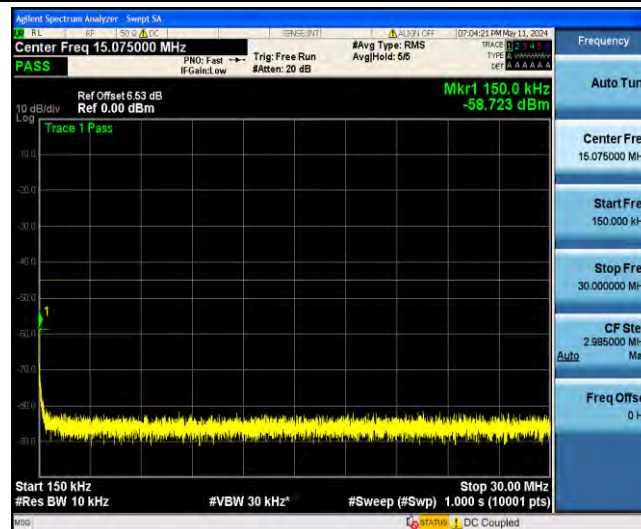
1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant41-5762.55--46.74--25-PA
SS



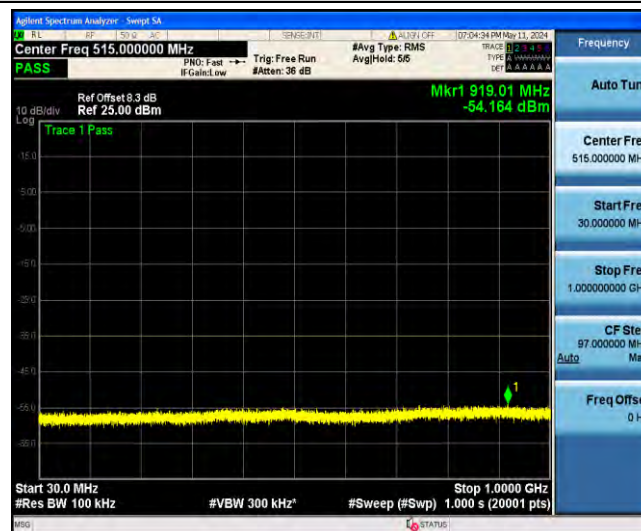
1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-26500-Ant41-25685.58--34.98--25-PASS



1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--64.80--55-PASS



1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.15--58.72--45-PASS



1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-919.01--54.16--35-PASS



1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2653.10--40.44--25-PA
 SS



1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant41-5822.85--46.71--25-P
 ASS

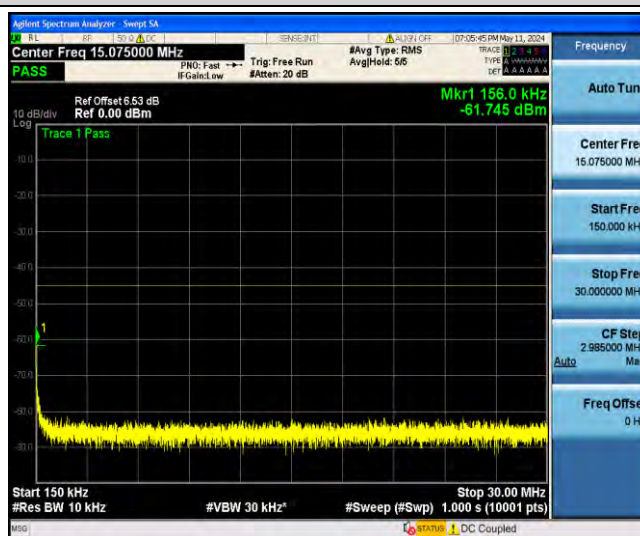


1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-26500-Ant41-25687.52--34.86--25

-PASS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--66.23--55-PASS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.16--61.74--45-PASS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-878.22--54.02--35-PASS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2682.10--40.46--25-PA
 SS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant41-5859.30--46.74--25-P
 ASS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-26500-Ant41-25799.65--34.98--25-

PASS

Field Strength of Spurious Radiation

SA Band 7 ANT41-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.69	-25	-37.69	-68.26	4.57	10.14	Horizontal	Pass
7503.0	-60.62	-25	-35.62	-67.42	4.94	11.74	Horizontal	Pass
10004.0	-57.67	-25	-32.67	-65.24	5.46	13.03	Horizontal	Pass
5002.0	-63.09	-25	-38.09	-68.66	4.57	10.14	Vertical	Pass
7503.0	-60.7	-25	-35.7	-67.5	4.94	11.74	Vertical	Pass
10004.0	-57.86	-25	-32.86	-65.43	5.46	13.03	Vertical	Pass

SA Band 7 ANT41-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-62.88	-25	-37.88	-68.46	4.59	10.17	Horizontal	Pass
7578.0	-60.4	-25	-35.4	-67.28	4.95	11.83	Horizontal	Pass
10104.0	-57.51	-25	-32.51	-65.08	5.48	13.05	Horizontal	Pass
5052.0	-61.87	-25	-36.87	-67.45	4.59	10.17	Vertical	Pass
7578.0	-61.08	-25	-36.08	-67.96	4.95	11.83	Vertical	Pass
10104.0	-57.53	-25	-32.53	-65.1	5.48	13.05	Vertical	Pass

SA Band 7 ANT41-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.92	-25	-38.92	-69.52	4.6	10.2	Horizontal	Pass
7653.0	-59.87	-25	-34.87	-66.84	4.95	11.92	Horizontal	Pass
10204.0	-57.55	-25	-32.55	-65.13	5.49	13.07	Horizontal	Pass
5102.0	-63.93	-25	-38.93	-69.53	4.6	10.2	Vertical	Pass
7653.0	-60.34	-25	-35.34	-67.31	4.95	11.92	Vertical	Pass
10204.0	-57.89	-25	-32.89	-65.47	5.49	13.07	Vertical	Pass

DC_2A_n7A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-63.16	-25	-38.16	-68.73	4.57	10.14	Horizontal	Pass
7503.0	-61.04	-25	-36.04	-67.84	4.94	11.74	Horizontal	Pass
10004.0	-58.15	-25	-33.15	-65.72	5.46	13.03	Horizontal	Pass
5002.0	-63.39	-25	-38.39	-68.96	4.57	10.14	Vertical	Pass
7503.0	-61.1	-25	-36.1	-67.9	4.94	11.74	Vertical	Pass
10004.0	-57.57	-25	-32.57	-65.14	5.46	13.03	Vertical	Pass

DC_2A_n7A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-63.32	-25	-38.32	-68.9	4.59	10.17	Horizontal	Pass
7578.0	-61.52	-25	-36.52	-68.4	4.95	11.83	Horizontal	Pass
10104.0	-58.01	-25	-33.01	-65.58	5.48	13.05	Horizontal	Pass
5052.0	-63.17	-25	-38.17	-68.75	4.59	10.17	Vertical	Pass
7578.0	-61.38	-25	-36.38	-68.26	4.95	11.83	Vertical	Pass
10104.0	-58.48	-25	-33.48	-66.05	5.48	13.05	Vertical	Pass

DC_2A_n7A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-64.86	-25	-39.86	-70.46	4.6	10.2	Horizontal	Pass
7653.0	-60.93	-25	-35.93	-67.9	4.95	11.92	Horizontal	Pass
10204.0	-58.22	-25	-33.22	-65.8	5.49	13.07	Horizontal	Pass
5102.0	-64.51	-25	-39.51	-70.11	4.6	10.2	Vertical	Pass
7653.0	-60.95	-25	-35.95	-67.92	4.95	11.92	Vertical	Pass
10204.0	-58.62	-25	-33.62	-66.2	5.49	13.07	Vertical	Pass

Remark:

1) All antennas of RSE are tested, and only the worst data is presented.

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	216@0	VH	NT	-7.30	0.00	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	VN	NT	-8.50	0.00	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	VL	NT	-6.00	0.00	PASS
N7	15	40	CP-QPSK	M	216@0	VH	NT	-12.30	0.00	PASS
N7	15	40	CP-QPSK	M	216@0	VN	NT	-6.60	0.00	PASS
N7	15	40	CP-QPSK	M	216@0	VL	NT	-7.30	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	216@0	NV	50	-2.700000	-0.001065	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	-20	-3.400000	-0.001341	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	-10	-7.100000	-0.002801	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	0	-5.700000	-0.002249	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	10	4.100000	0.001617	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	20	-9.400000	-0.003708	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	30	-7.000000	-0.002761	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	-30	-8.400000	-0.003314	PASS
N7	15	40	DFT-PI2BPSK	M	216@0	NV	40	-4.900000	-0.001933	PASS
N7	15	40	CP-QPSK	M	216@0	NV	50	-4.100000	-0.001617	PASS
N7	15	40	CP-QPSK	M	216@0	NV	-20	-3.800000	-0.001499	PASS
N7	15	40	CP-QPSK	M	216@0	NV	-10	-9.200000	-0.003629	PASS
N7	15	40	CP-QPSK	M	216@0	NV	0	-1.500000	-0.000592	PASS
N7	15	40	CP-QPSK	M	216@0	NV	10	-8.100000	-0.003195	PASS
N7	15	40	CP-QPSK	M	216@0	NV	20	-4.700000	-0.001854	PASS
N7	15	40	CP-QPSK	M	216@0	NV	30	3.900000	0.001538	PASS
N7	15	40	CP-QPSK	M	216@0	NV	40	-7.100000	-0.002801	PASS
N7	15	40	CP-QPSK	M	216@0	NV	-30	-7.400000	-0.002919	PASS

---End of Attachment---