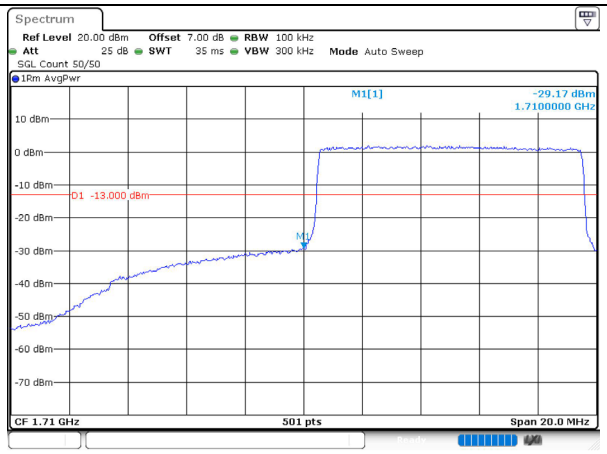
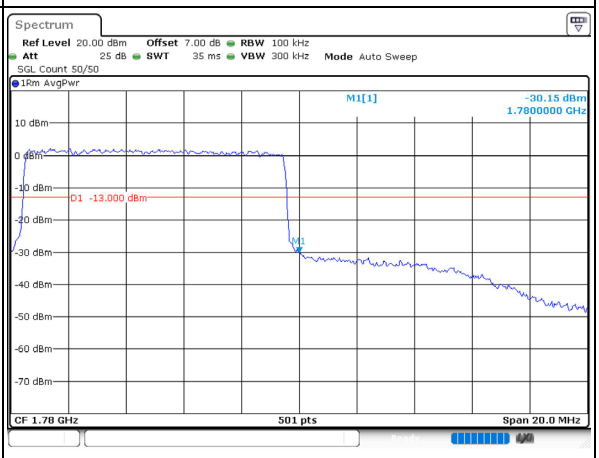
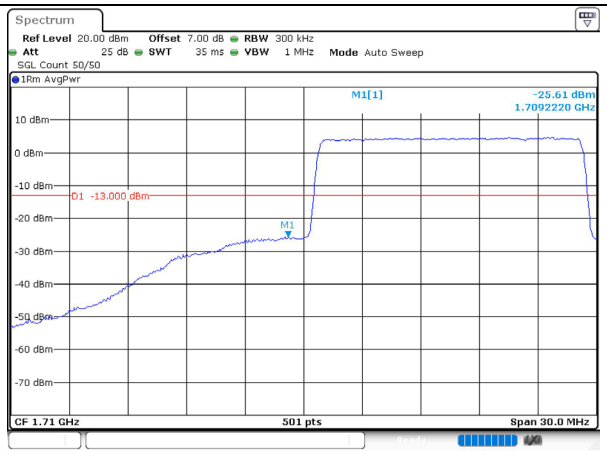
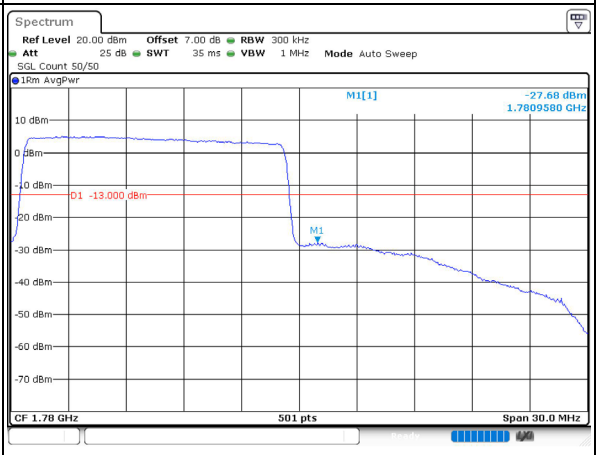
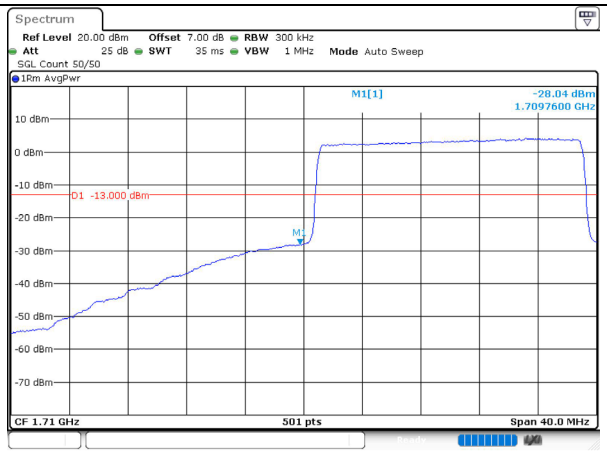
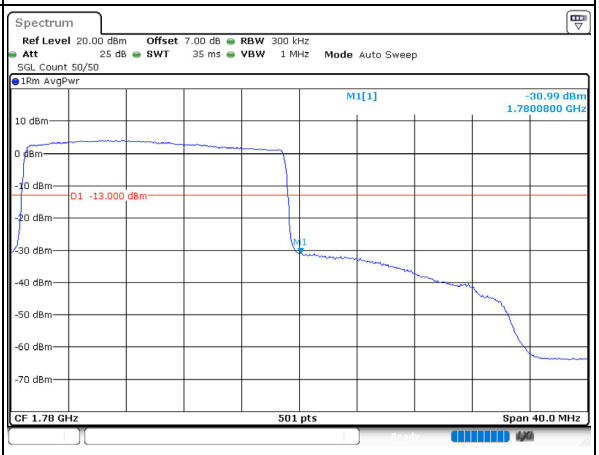
Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
16QAM 10MHz		
16QAM 15MHz		
16QAM 20MHz		

4.15 Radiated Spurious Emissions

Serial Number:	2C04-2	Test Date:	2024/1/13
Test Site:	966-2,966-1	Test Mode:	Transmitting
Tester:	Carl Xue, Mack Huang	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	25.2~26.2	Relative Humidity: (%)	44~61	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2023/12/1	2026/11/30
R&S	EMI Test Receiver	ESR3	102724	2023/3/31	2024/3/30
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2023/7/16	2024/7/15
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2023/7/16	2024/7/15
Sonoma	Amplifier	310N	186165	2023/7/16	2024/7/15
EMCO	Adjustable Dipole Antenna	3121C	9109-756	N/A	N/A
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2023/7/16	2024/7/15
Agilent	Signal Generator	E8247C	MY43321352	2023/11/17	2024/11/16
AH	Double Ridge Guide Horn Antenna	SAS-571	1394	2023/2/22	2026/2/21
R&S	Spectrum Analyzer	FSV40	101591	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2023/8/6	2024/8/5
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2023/8/6	2024/8/5
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2023/11/8	2024/11/7
AH	Double Ridge Guide Horn Antenna	SAS-571	1396	2021/10/18	2024/10/17
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2023/7/16	2024/7/15
PASTERNACK	Horn Antenna	PE9852/2F-20	112002	2021/2/5	2024/2/4
PASTERNACK	Horn Antenna	PE9852/2F-20	112001	2021/2/5	2024/2/4
Quinstar	Preamplifier	QLW-18405536-JO	15964001005	2023/9/15	2024/9/14
PASTERNACK	Horn Antenna	PE9850/2F-20	072001	2021/2/5	2024/2/4
PASTERNACK	Horn Antenna	PE9850/2F-20	072002	2021/2/5	2024/2/4
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2023/8/6	2024/8/5

** **Statement of Traceability:** China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

GSM 850 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Frequency: 824.2 MHz								
701.92	H	20.82	-52.46	0.00	0.55	-53.01	-13.00	40.01
726.93	V	20.65	-48.68	0.00	0.52	-49.20	-13.00	36.20
1648.400	H	69.21	-35.12	8.68	0.80	-27.24	-13.00	14.24
1648.400	V	63.37	-41.04	8.68	0.80	-33.16	-13.00	20.16
2472.600	H	67.25	-33.53	9.38	1.00	-25.15	-13.00	12.15
2472.600	V	63.57	-37.16	9.38	1.00	-28.78	-13.00	15.78
3296.800	H	55.54	-41.14	10.32	1.15	-31.97	-13.00	18.97
3296.800	V	46.80	-49.64	10.32	1.15	-40.47	-13.00	27.47
Frequency: 836.6 MHz								
568.86	H	20.78	-53.69	0.00	0.46	-54.15	-13.00	41.15
716.81	V	20.84	-48.71	0.00	0.50	-49.21	-13.00	36.21
1673.200	H	64.07	-40.24	8.71	0.85	-32.38	-13.00	19.38
1673.200	V	56.55	-47.86	8.71	0.85	-40.00	-13.00	27.00
2509.800	H	61.70	-38.91	9.42	1.01	-30.50	-13.00	17.50
2509.800	V	63.26	-37.36	9.42	1.01	-28.95	-13.00	15.95
3346.400	H	54.43	-42.74	10.34	1.16	-33.56	-13.00	20.56
3346.400	V	46.75	-50.28	10.34	1.16	-41.10	-13.00	28.10
Frequency: 848.8 MHz								
714.32	H	20.65	-52.38	0.00	0.50	-52.88	-13.00	39.88
687.30	V	20.77	-49.38	0.00	0.53	-49.91	-13.00	36.91
1697.600	H	60.93	-43.36	8.74	0.90	-35.52	-13.00	22.52
1697.600	V	54.39	-50.03	8.74	0.90	-42.19	-13.00	29.19
2546.400	H	61.06	-39.27	9.47	1.01	-30.81	-13.00	17.81
2546.400	V	62.76	-37.52	9.47	1.01	-29.06	-13.00	16.06
3395.200	H	54.12	-43.57	10.36	1.19	-34.40	-13.00	21.40
3395.200	V	53.25	-44.41	10.36	1.19	-35.24	-13.00	22.24

GSM 1900(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Frequency: 1850.2 MHz								
326.74	H	45.83	-64.49	0.00	0.34	-64.83	-13.00	51.83
88.03	V	45.79	-63.39	0.00	0.17	-63.56	-13.00	50.56
3700.400	H	49.46	-47.86	10.60	1.25	-38.51	-13.00	25.51
3700.400	V	51.54	-45.76	10.60	1.25	-36.41	-13.00	23.41
5550.600	H	55.62	-37.64	11.44	1.49	-27.69	-13.00	14.69
5550.600	V	54.88	-38.22	11.44	1.49	-28.27	-13.00	15.27
Frequency: 1880 MHz								
185.78	H	45.64	-66.97	0.00	0.26	-67.23	-13.00	54.23
92.13	V	45.84	-63.00	0.00	0.18	-63.18	-13.00	50.18
3760.000	H	49.67	-46.74	10.66	1.24	-37.32	-13.00	24.32
3760.000	V	53.63	-42.66	10.66	1.24	-33.24	-13.00	20.24
5640.000	H	53.62	-39.83	11.33	1.54	-30.04	-13.00	17.04
5640.000	V	56.10	-37.23	11.33	1.54	-27.44	-13.00	14.44
Frequency: 1909.8 MHz								
326.74	H	46.69	-63.63	0.00	0.34	-63.97	-13.00	50.97
91.49	V	45.93	-63.06	0.00	0.18	-63.24	-13.00	50.24
3819.600	H	54.28	-41.58	10.72	1.29	-32.15	-13.00	19.15
3819.600	V	53.33	-42.39	10.72	1.29	-32.96	-13.00	19.96
5729.400	H	49.56	-43.92	11.22	1.59	-34.29	-13.00	21.29
5729.400	V	52.89	-40.47	11.22	1.59	-30.84	-13.00	17.84

WCDMA Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Frequency: 1852.4 MHz								
187.09	H	46.30	-66.33	0.00	0.26	-66.59	-13.00	53.59
92.81	V	45.67	-63.01	0.00	0.18	-63.19	-13.00	50.19
3704.800	H	65.71	-31.55	10.60	1.25	-22.20	-13.00	9.20
3704.800	V	62.58	-34.65	10.60	1.25	-25.30	-13.00	12.30
5557.200	H	44.20	-49.08	11.43	1.49	-39.14	-13.00	26.14
5557.200	V	45.83	-47.30	11.43	1.49	-37.36	-13.00	24.36
Frequency: 1880 MHz								
326.55	H	45.72	-64.60	0.00	0.34	-64.94	-13.00	51.94
89.59	V	45.63	-63.67	0.00	0.18	-63.85	-13.00	50.85
3760.000	H	66.46	-29.95	10.66	1.24	-20.53	-13.00	7.53
3760.000	V	62.28	-34.01	10.66	1.24	-24.59	-13.00	11.59
5640.000	H	46.98	-46.47	11.33	1.54	-36.68	-13.00	23.68
5640.000	V	47.56	-45.77	11.33	1.54	-35.98	-13.00	22.98
Frequency: 1907.6 MHz								
186.44	H	45.78	-66.84	0.00	0.26	-67.10	-13.00	54.10
91.17	V	45.88	-63.18	0.00	0.18	-63.36	-13.00	50.36
3815.200	H	68.78	-27.07	10.72	1.29	-17.64	-13.00	4.64
3815.200	V	63.29	-32.40	10.72	1.29	-22.97	-13.00	9.97
5722.800	H	48.81	-44.68	11.23	1.58	-35.03	-13.00	22.03
5722.800	V	53.88	-39.47	11.23	1.58	-29.82	-13.00	16.82

WCDMA Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Frequency: 826.4 MHz								
448.28	H	20.65	-56.24	0.00	0.43	-56.67	-13.00	43.67
675.37	V	20.71	-49.66	0.00	0.50	-50.16	-13.00	37.16
1652.800	H	53.18	-51.15	8.68	0.81	-43.28	-13.00	30.28
1652.800	V	52.00	-52.41	8.68	0.81	-44.54	-13.00	31.54
2479.200	H	49.46	-51.30	9.39	1.01	-42.92	-13.00	29.92
2479.200	V	50.03	-50.70	9.39	1.01	-42.32	-13.00	29.32
3305.600	H	46.45	-50.28	10.32	1.15	-41.11	-13.00	28.11
3305.600	V	44.33	-52.17	10.32	1.15	-43.00	-13.00	30.00
Frequency: 836.6 MHz								
719.35	H	20.96	-51.97	0.00	0.49	-52.46	-13.00	39.46
699.45	V	20.63	-49.30	0.00	0.55	-49.85	-13.00	36.85
1673.200	H	50.78	-53.53	8.71	0.85	-45.67	-13.00	32.67
1673.200	V	49.51	-54.90	8.71	0.85	-47.04	-13.00	34.04
2509.800	H	49.49	-51.12	9.42	1.01	-42.71	-13.00	29.71
2509.800	V	51.38	-49.24	9.42	1.01	-40.83	-13.00	27.83
3346.400	H	43.55	-53.62	10.34	1.16	-44.44	-13.00	31.44
3346.400	V	37.89	-59.14	10.34	1.16	-49.96	-13.00	36.96
Frequency: 846.6 MHz								
709.34	H	20.86	-52.27	0.00	0.52	-52.79	-13.00	39.79
704.36	V	20.75	-49.07	0.00	0.55	-49.62	-13.00	36.62
1693.200	H	51.11	-53.19	8.73	0.89	-45.35	-13.00	32.35
1693.200	V	47.70	-56.72	8.73	0.89	-48.88	-13.00	35.88
2539.800	H	54.50	-45.88	9.46	1.01	-37.43	-13.00	24.43
2539.800	V	54.67	-45.67	9.46	1.01	-37.22	-13.00	24.22
3386.400	H	44.25	-53.34	10.35	1.18	-44.17	-13.00	31.17
3386.400	V	39.37	-58.17	10.35	1.18	-49.00	-13.00	36.00

LTE Bands:

(The Worst modulation and bandwidth was below)

LTE Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBµV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, 1.4MHz, Frequency:1850.7 MHz								
184.59	H	45.73	-66.85	0.00	0.25	-67.10	-13.00	54.10
90.22	V	45.82	-63.46	0.00	0.18	-63.64	-13.00	50.64
3701.400	H	68.46	-28.85	10.60	1.25	-19.50	-13.00	6.50
3701.400	V	67.83	-29.46	10.60	1.25	-20.11	-13.00	7.11
5552.100	H	50.42	-42.85	11.44	1.49	-32.90	-13.00	19.90
5552.100	V	49.90	-43.20	11.44	1.49	-33.25	-13.00	20.25
QPSK, 1.4MHz,Frequency:1880 MHz								
187.85	H	45.92	-66.73	0.00	0.26	-66.99	-13.00	53.99
90.85	V	45.69	-63.44	0.00	0.18	-63.62	-13.00	50.62
3760.000	H	68.10	-28.31	10.66	1.24	-18.89	-13.00	5.89
3760.000	V	66.04	-30.25	10.66	1.24	-20.83	-13.00	7.83
5640.000	H	50.05	-43.40	11.33	1.54	-33.61	-13.00	20.61
5640.000	V	51.71	-41.62	11.33	1.54	-31.83	-13.00	18.83
QPSK, 1.4MHz,Frequency:1909.3 MHz								
185.89	H	45.76	-66.85	0.00	0.26	-67.11	-13.00	54.11
87.72	V	45.73	-63.43	0.00	0.17	-63.60	-13.00	50.60
3818.600	H	71.15	-24.71	10.72	1.29	-15.28	-13.00	2.28
3818.600	V	66.16	-29.55	10.72	1.29	-20.12	-13.00	7.12
5727.900	H	53.51	-39.97	11.23	1.59	-30.33	-13.00	17.33
5727.900	V	57.14	-36.22	11.23	1.59	-26.58	-13.00	13.58

LTE Band 4(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1.4MHz QPSK, Frequency: 1710.7 MHz								
188.41	H	45.43	-67.23	0.00	0.26	-67.49	-13.00	54.49
92.46	V	45.75	-63.01	0.00	0.18	-63.19	-13.00	50.19
3421.400	H	59.42	-38.34	10.37	1.17	-29.14	-13.00	16.14
3421.400	V	58.66	-39.07	10.37	1.17	-29.87	-13.00	16.87
5132.100	H	50.60	-42.97	11.28	1.47	-33.16	-13.00	20.16
5132.100	V	51.33	-42.13	11.28	1.47	-32.32	-13.00	19.32
1.4MHz QPSK, Frequency: 1732.5 MHz								
326.56	H	45.59	-64.73	0.00	0.34	-65.07	-13.00	52.07
87.72	V	45.77	-63.39	0.00	0.17	-63.56	-13.00	50.56
3465.000	H	60.95	-36.86	10.39	1.15	-27.62	-13.00	14.62
3465.000	V	60.02	-37.75	10.39	1.15	-28.51	-13.00	15.51
5197.500	H	50.39	-43.74	11.32	1.44	-33.86	-13.00	20.86
5197.500	V	52.80	-41.18	11.32	1.44	-31.30	-13.00	18.30
1.4MHz QPSK, Frequency: 1754.3 MHz								
185.14	H	45.66	-66.93	0.00	0.25	-67.18	-13.00	54.18
90.85	V	45.84	-63.29	0.00	0.18	-63.47	-13.00	50.47
3508.600	H	61.80	-36.02	10.41	1.19	-26.80	-13.00	13.80
3508.600	V	61.51	-36.25	10.41	1.19	-27.03	-13.00	14.03
5262.900	H	53.34	-40.36	11.36	1.47	-30.47	-13.00	17.47
5262.900	V	54.45	-39.02	11.36	1.47	-29.13	-13.00	16.13

LTE Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBµV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, 1.4MHz, Frequency: 824.7 MHz								
721.91	H	20.90	-51.98	0.00	0.50	-52.48	-13.00	39.48
689.56	V	20.95	-49.16	0.00	0.54	-49.70	-13.00	36.70
1649.400	H	50.56	-53.77	8.68	0.80	-45.89	-13.00	32.89
1649.400	V	52.01	-52.40	8.68	0.80	-44.52	-13.00	31.52
2474.100	H	56.37	-44.41	9.38	1.00	-36.03	-13.00	23.03
2474.100	V	58.57	-42.16	9.38	1.00	-33.78	-13.00	20.78
3298.800	H	46.87	-49.81	10.32	1.15	-40.64	-13.00	27.64
3298.800	V	41.83	-54.61	10.32	1.15	-45.44	-13.00	32.44
QPSK, 1.4MHz, Frequency: 836.5 MHz								
701.96	H	20.85	-52.43	0.00	0.55	-52.98	-13.00	39.98
706.68	V	20.78	-48.99	0.00	0.54	-49.53	-13.00	36.53
1673.000	H	48.53	-55.78	8.71	0.85	-47.92	-13.00	34.92
1673.000	V	52.56	-51.85	8.71	0.85	-43.99	-13.00	30.99
2509.500	H	56.69	-43.92	9.42	1.01	-35.51	-13.00	22.51
2509.500	V	59.10	-41.52	9.42	1.01	-33.11	-13.00	20.11
3346.000	H	43.96	-53.20	10.34	1.16	-44.02	-13.00	31.02
3346.000	V	41.49	-55.53	10.34	1.16	-46.35	-13.00	33.35
QPSK, 1.4MHz, Frequency: 848.3 MHz								
684.95	H	20.67	-52.73	0.00	0.53	-53.26	-13.00	40.26
642.90	V	20.84	-50.11	0.00	0.52	-50.63	-13.00	37.63
1696.600	H	52.12	-52.17	8.74	0.89	-44.32	-13.00	31.32
1696.600	V	54.90	-49.52	8.74	0.89	-41.67	-13.00	28.67
2544.900	H	58.24	-42.10	9.47	1.01	-33.64	-13.00	20.64
2544.900	V	58.57	-41.73	9.47	1.01	-33.27	-13.00	20.27
3393.200	H	47.56	-50.11	10.36	1.19	-40.94	-13.00	27.94
3393.200	V	44.67	-52.96	10.36	1.19	-43.79	-13.00	30.79

LTE Band 7(30MHz-26.5GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
5MHz QPSK, Frequency: 2502.5 MHz								
326.74	H	45.77	-64.55	0.00	0.34	-64.89	-25.00	39.89
90.22	V	45.71	-63.57	0.00	0.18	-63.75	-25.00	38.75
5005.000	H	43.56	-49.40	11.20	1.47	-39.67	-25.00	14.67
5005.000	V	41.57	-51.25	11.20	1.47	-41.52	-25.00	16.52
7507.500	H	45.69	-44.10	10.90	1.95	-35.15	-25.00	10.15
7507.500	V	42.51	-47.78	10.90	1.95	-38.83	-25.00	13.83
5MHz QPSK, Frequency: 2535 MHz								
185.89	H	45.84	-66.77	0.00	0.26	-67.03	-25.00	42.03
91.17	V	45.96	-63.10	0.00	0.18	-63.28	-25.00	38.28
5070.000	H	41.84	-51.35	11.24	1.47	-41.58	-25.00	16.58
5070.000	V	41.32	-51.77	11.24	1.47	-42.00	-25.00	17.00
7605.000	H	44.17	-45.30	10.88	2.01	-36.43	-25.00	11.43
7605.000	V	44.87	-45.32	10.88	2.01	-36.45	-25.00	11.45
5MHz QPSK, Frequency: 2567.5 MHz								
187.20	H	45.42	-67.21	0.00	0.26	-67.47	-25.00	42.47
92.78	V	45.66	-63.03	0.00	0.18	-63.21	-25.00	38.21
5135.000	H	44.56	-49.04	11.28	1.47	-39.23	-25.00	14.23
5135.000	V	41.57	-51.92	11.28	1.47	-42.11	-25.00	17.11
7702.500	H	41.35	-48.17	10.86	1.97	-39.28	-25.00	14.28
7702.500	V	39.85	-50.33	10.86	1.97	-41.44	-25.00	16.44

LTE Band 12(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1.4MHz QPSK, Frequency: 699.7 MHz								
508.56	H	20.63	-55.03	0.00	0.45	-55.48	-13.00	42.48
574.73	V	20.59	-51.10	0.00	0.46	-51.56	-13.00	38.56
1399.400	H	61.80	-41.90	8.22	0.71	-34.39	-13.00	21.39
1399.400	V	57.92	-45.83	8.22	0.71	-38.32	-13.00	25.32
2099.100	H	55.07	-46.81	9.16	0.91	-38.56	-13.00	25.56
2099.100	V	54.47	-47.36	9.16	0.91	-39.11	-13.00	26.11
2798.800	H	59.53	-40.40	9.88	1.04	-31.56	-13.00	18.56
2798.800	V	58.20	-41.60	9.88	1.04	-32.76	-13.00	19.76
1.4MHz QPSK, Frequency: 707.5 MHz								
593.32	H	20.58	-53.41	0.00	0.50	-53.91	-13.00	40.91
489.19	V	20.65	-51.36	0.00	0.44	-51.80	-13.00	38.80
1415.000	H	59.13	-44.54	8.26	0.72	-37.00	-13.00	24.00
1415.000	V	58.92	-44.80	8.26	0.72	-37.26	-13.00	24.26
2122.500	H	54.00	-47.99	9.17	0.92	-39.74	-13.00	26.74
2122.500	V	54.91	-47.06	9.17	0.92	-38.81	-13.00	25.81
2830.000	H	55.78	-44.02	9.93	1.06	-35.15	-13.00	22.15
2830.000	V	52.98	-46.75	9.93	1.06	-37.88	-13.00	24.88
1.4MHz QPSK, Frequency: 715.3 MHz								
551.24	H	20.52	-54.30	0.00	0.47	-54.77	-13.00	41.77
545.31	V	20.60	-51.05	0.00	0.47	-51.52	-13.00	38.52
1430.600	H	59.78	-43.85	8.31	0.73	-36.27	-13.00	23.27
1430.600	V	60.45	-43.24	8.31	0.73	-35.66	-13.00	22.66
2145.900	H	48.36	-53.74	9.19	0.93	-45.48	-13.00	32.48
2145.900	V	49.33	-52.78	9.19	0.93	-44.52	-13.00	31.52
2861.200	H	57.15	-42.50	9.98	1.07	-33.59	-13.00	20.59
2861.200	V	53.98	-45.69	9.98	1.07	-36.78	-13.00	23.78

LTE Band 17(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
5MHz QPSK, Frequency: 706.5 MHz								
574.90	H	20.60	-53.75	0.00	0.46	-54.21	-13.00	41.21
510.22	V	20.64	-50.96	0.00	0.45	-51.41	-13.00	38.41
1413.000	H	53.16	-50.51	8.26	0.72	-42.97	-13.00	29.97
1413.000	V	52.46	-51.26	8.26	0.72	-43.72	-13.00	30.72
2119.500	H	44.08	-57.89	9.17	0.92	-49.64	-13.00	36.64
2119.500	V	49.58	-52.37	9.17	0.92	-44.12	-13.00	31.12
2826.000	H	50.17	-49.64	9.92	1.06	-40.78	-13.00	27.78
2826.000	V	48.17	-51.57	9.92	1.06	-42.71	-13.00	29.71
5MHz QPSK, Frequency: 710 MHz								
526.69	H	20.57	-54.73	0.00	0.43	-55.16	-13.00	42.16
492.66	V	20.62	-51.25	0.00	0.45	-51.70	-13.00	38.70
1420.000	H	53.60	-50.06	8.28	0.73	-42.51	-13.00	29.51
1420.000	V	52.35	-51.36	8.28	0.73	-43.81	-13.00	30.81
2130.000	H	53.85	-48.17	9.18	0.92	-39.91	-13.00	26.91
2130.000	V	44.37	-57.64	9.18	0.92	-49.38	-13.00	36.38
2840.000	H	49.29	-50.46	9.94	1.06	-41.58	-13.00	28.58
2840.000	V	47.76	-51.95	9.94	1.06	-43.07	-13.00	30.07
5MHz QPSK, Frequency: 713.5 MHz								
585.06	H	20.68	-53.47	0.00	0.46	-53.93	-13.00	40.93
539.63	V	20.56	-51.08	0.00	0.46	-51.54	-13.00	38.54
1427.000	H	54.19	-49.45	8.30	0.73	-41.88	-13.00	28.88
1427.000	V	53.45	-50.24	8.30	0.73	-42.67	-13.00	29.67
2140.500	H	40.94	-61.13	9.18	0.93	-52.88	-13.00	39.88
2140.500	V	44.22	-57.86	9.18	0.93	-49.61	-13.00	36.61
2854.000	H	51.39	-48.30	9.97	1.07	-39.40	-13.00	26.40
2854.000	V	49.19	-50.49	9.97	1.07	-41.59	-13.00	28.59

LTE Band 26(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1.4MHz QPSK, Frequency: 814.7 MHz								
729.54	H	20.96	-51.76	0.00	0.53	-52.29	-13.00	39.29
709.20	V	20.90	-48.82	0.00	0.52	-49.34	-13.00	36.34
1629.400	H	50.92	-53.43	8.66	0.81	-45.58	-13.00	32.58
1629.400	V	47.63	-56.78	8.66	0.81	-48.93	-13.00	35.93
2444.100	H	56.47	-44.42	9.37	1.00	-36.05	-13.00	23.05
2444.100	V	59.36	-41.39	9.37	1.00	-33.02	-13.00	20.02
3258.800	H	47.82	-49.04	10.30	1.17	-39.91	-13.00	26.91
3258.800	V	45.31	-51.30	10.30	1.17	-42.17	-13.00	29.17
1.4MHz QPSK, Frequency: 831.5 MHz								
706.89	H	20.74	-52.44	0.00	0.54	-52.98	-13.00	39.98
721.73	V	20.86	-48.59	0.00	0.50	-49.09	-13.00	36.09
1663.000	H	52.99	-51.33	8.70	0.83	-43.46	-13.00	30.46
1663.000	V	47.63	-56.78	8.70	0.83	-48.91	-13.00	35.91
2494.500	H	56.98	-43.72	9.40	1.01	-35.33	-13.00	22.33
2494.500	V	58.34	-42.37	9.40	1.01	-33.98	-13.00	20.98
3326.000	H	47.87	-49.08	10.33	1.16	-39.91	-13.00	26.91
3326.000	V	44.06	-52.71	10.33	1.16	-43.54	-13.00	30.54
1.4MHz QPSK, Frequency: 848.3 MHz								
634.15	H	20.87	-52.81	0.00	0.51	-53.32	-13.00	40.32
684.78	V	20.71	-49.49	0.00	0.53	-50.02	-13.00	37.02
1696.600	H	51.96	-52.33	8.74	0.89	-44.48	-13.00	31.48
1696.600	V	54.30	-50.12	8.74	0.89	-42.27	-13.00	29.27
2544.900	H	60.37	-39.97	9.47	1.01	-31.51	-13.00	18.51
2544.900	V	61.97	-38.33	9.47	1.01	-29.87	-13.00	16.87
3393.200	H	47.90	-49.77	10.36	1.19	-40.60	-13.00	27.60
3393.200	V	45.59	-52.04	10.36	1.19	-42.87	-13.00	29.87

LTE Band 38 (30MHz-26.5GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
5MHz QPSK, Frequency: 2572.5 MHz								
186.44	H	45.43	-67.19	0.00	0.26	-67.45	-25.00	42.45
91.49	V	45.86	-63.13	0.00	0.18	-63.31	-25.00	38.31
5145.000	H	43.25	-50.43	11.29	1.44	-40.58	-25.00	15.58
5145.000	V	41.84	-51.73	11.29	1.44	-41.88	-25.00	16.88
7717.500	H	45.75	-43.76	10.86	1.99	-34.89	-25.00	9.89
7717.500	V	42.81	-47.32	10.86	1.99	-38.45	-25.00	13.45
5MHz QPSK, Frequency: 2595 MHz								
187.75	H	45.52	-67.13	0.00	0.26	-67.39	-25.00	42.39
88.96	V	45.63	-63.62	0.00	0.18	-63.80	-25.00	38.80
5190.000	H	41.32	-52.75	11.31	1.44	-42.88	-25.00	17.88
5190.000	V	41.02	-52.90	11.31	1.44	-43.03	-25.00	18.03
7785.000	H	44.08	-45.41	10.84	1.99	-36.56	-25.00	11.56
7785.000	V	44.20	-45.72	10.84	1.99	-36.87	-25.00	11.87
5MHz QPSK, Frequency: 2617.5 MHz								
184.49	H	45.92	-66.66	0.00	0.25	-66.91	-25.00	41.91
90.53	V	45.71	-63.50	0.00	0.18	-63.68	-25.00	38.68
5235.000	H	44.83	-49.07	11.34	1.46	-39.19	-25.00	14.19
5235.000	V	41.47	-52.24	11.34	1.46	-42.36	-25.00	17.36
7852.500	H	40.42	-48.77	10.83	2.03	-39.97	-25.00	14.97
7852.500	V	39.57	-50.01	10.83	2.03	-41.21	-25.00	16.21

LTE Band 41(30MHz-27GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
5MHz QPSK, Frequency: 2498.5 MHz								
326.55	H	45.71	-64.61	0.00	0.34	-64.95	-25.00	39.95
87.72	V	45.82	-63.34	0.00	0.17	-63.51	-25.00	38.51
4997.000	H	56.47	-36.47	11.20	1.48	-26.75	-25.00	1.75
4997.000	V	52.02	-40.78	11.20	1.48	-31.06	-25.00	6.06
7495.500	H	49.86	-39.93	10.90	1.94	-30.97	-25.00	5.97
7495.500	V	47.25	-43.04	10.90	1.94	-34.08	-25.00	9.08
5MHz QPSK, Frequency: 2593 MHz								
185.78	H	45.78	-66.83	0.00	0.26	-67.09	-25.00	42.09
89.59	V	45.64	-63.66	0.00	0.18	-63.84	-25.00	38.84
5186.000	H	52.76	-41.27	11.31	1.44	-31.40	-25.00	6.40
5186.000	V	53.59	-40.30	11.31	1.44	-30.43	-25.00	5.43
7779.000	H	52.51	-36.98	10.84	1.99	-28.13	-25.00	3.13
7779.000	V	51.94	-38.00	10.84	1.99	-29.15	-25.00	4.15
5MHz QPSK, Frequency: 2687.5 MHz								
187.09	H	45.64	-66.99	0.00	0.26	-67.25	-25.00	42.25
91.81	V	45.70	-63.21	0.00	0.18	-63.39	-25.00	38.39
5375.000	H	55.07	-38.44	11.43	1.49	-28.50	-25.00	3.50
5375.000	V	53.68	-39.82	11.43	1.49	-29.88	-25.00	4.88
8062.500	H	51.03	-37.19	10.81	2.12	-28.50	-25.00	3.50
8062.500	V	51.88	-36.84	10.81	2.12	-28.15	-25.00	3.15

LTE Band 66(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1.4MHz QPSK, Frequency: 1710.7 MHz								
326.74	H	46.23	-64.09	0.00	0.34	-64.43	-13.00	51.43
91.17	V	45.90	-63.16	0.00	0.18	-63.34	-13.00	50.34
3421.400	H	57.86	-39.90	10.37	1.17	-30.70	-13.00	17.70
3421.400	V	59.97	-37.76	10.37	1.17	-28.56	-13.00	15.56
5132.100	H	50.65	-42.92	11.28	1.47	-33.11	-13.00	20.11
5132.100	V	49.47	-43.99	11.28	1.47	-34.18	-13.00	21.18
1.4MHz QPSK, Frequency: 1745 MHz								
326.55	H	45.79	-64.53	0.00	0.34	-64.87	-13.00	51.87
87.42	V	45.86	-63.28	0.00	0.17	-63.45	-13.00	50.45
3490.000	H	59.13	-38.71	10.40	1.17	-29.48	-13.00	16.48
3490.000	V	62.77	-35.01	10.40	1.17	-25.78	-13.00	12.78
5235.000	H	52.46	-41.44	11.34	1.46	-31.56	-13.00	18.56
5235.000	V	52.27	-41.44	11.34	1.46	-31.56	-13.00	18.56
1.4MHz QPSK, Frequency: 1779.3 MHz								
186.44	H	45.63	-66.99	0.00	0.26	-67.25	-13.00	54.25
90.53	V	45.78	-63.43	0.00	0.18	-63.61	-13.00	50.61
3558.600	H	63.14	-34.53	10.46	1.22	-25.29	-13.00	12.29
3558.600	V	61.84	-35.73	10.46	1.22	-26.49	-13.00	13.49
5337.900	H	52.94	-40.53	11.40	1.47	-30.60	-13.00	17.60
5337.900	V	51.51	-41.82	11.40	1.47	-31.89	-13.00	18.89

Note:
1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
3) Margin = Limit-Absolute Level

5. EUT PHOTOGRAPHS

Please refer to the attachment CR231058645-EXP EUT EXTERNAL PHOTOGRAPHS and CR231058645-INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR231058645-00G-TSP TEST SETUP PHOTOGRAPHS.

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