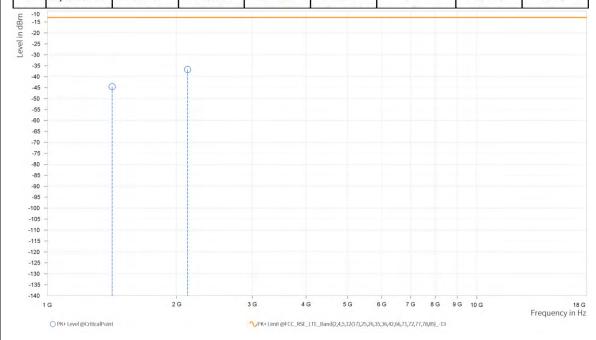


CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

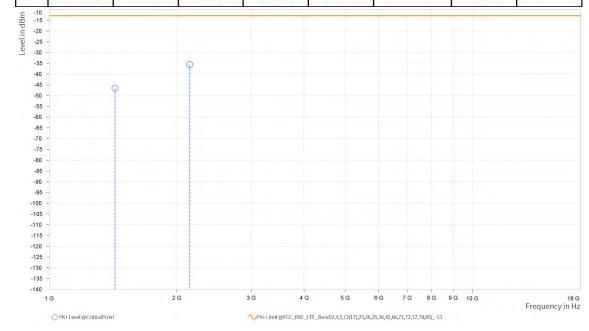
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,414.500	-44.60	-13.00	31.60	12.59	٧	171.9	1.00
2	2,121.000	-36.70	-13.00	23.70	18.69	V	226.4	1.00





CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 23173
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

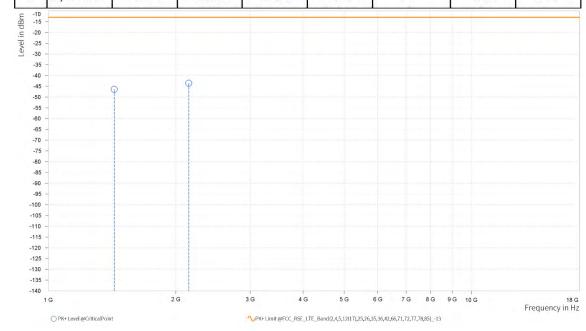
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,429.500	-46.62	-13.00	33.62	12.95	Н	0.9	2.00
2	2,145.000	-35.55	-13.00	22.55	18.82	Н	341	1.00





CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 23173
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

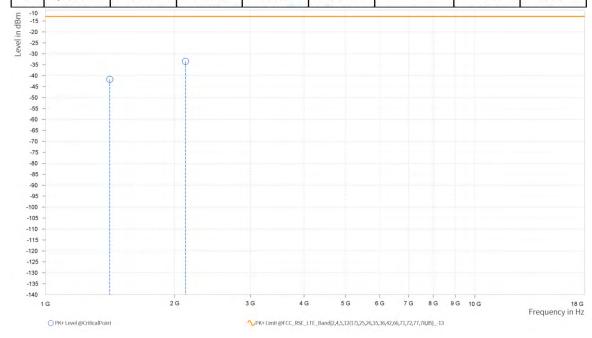
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,430.000	-46.42	-13.00	33.42	12.42	٧	186	2.00
2	2,145.000	-43.54	-13.00	30.54	18.38	V	198.1	1.00





CHANNEL BANDWIDTH	3MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

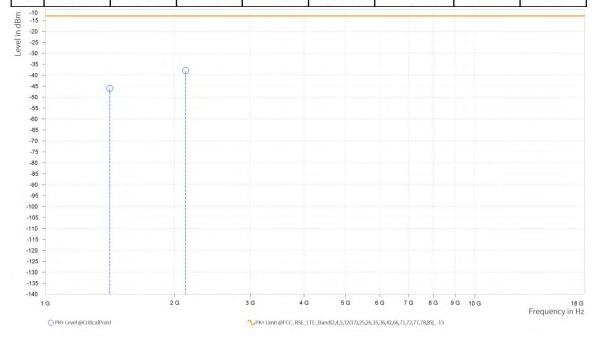
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,412.000	-41.64	-13.00	28.64	12.96	Н	227	1.00
2	2,118.500	-33.43	-13.00	20.43	18.15	Н	337.5	1.00





CHANNEL BANDWIDTH	3MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

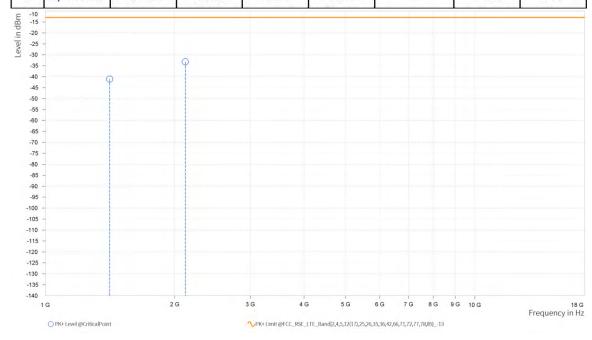
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,412.500	-46.05	-13.00	33.05	12.65	٧	33.9	1.00
2	2,119.500	-37.91	-13.00	24.91	18.74	٧	322.6	2.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

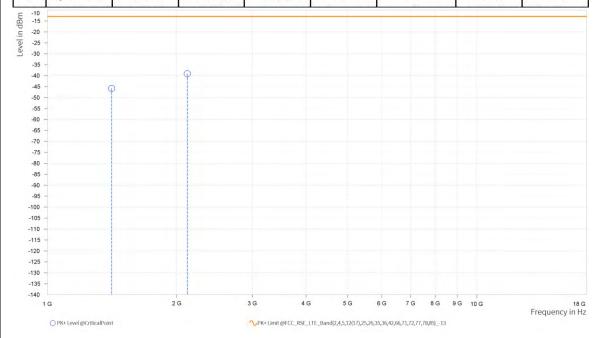
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,410.500	-41.06	-13.00	28.06	12.90	Н	77	2.00
2	2,116.000	-33.20	-13.00	20.20	18.18	Н	340.2	1.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

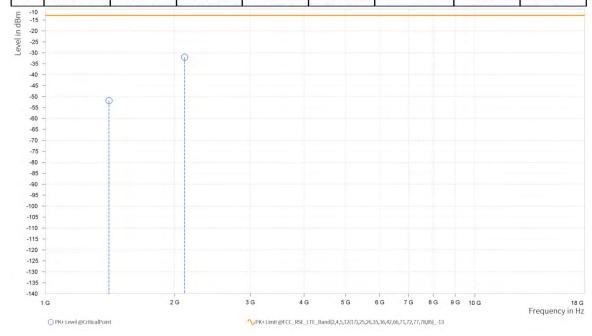
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,410.500	-45.80	-13.00	32.80	12.72	٧	326.1	2.00
2	2,116.000	-39.12	-13.00	26.12	18.82	V	326.1	2.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

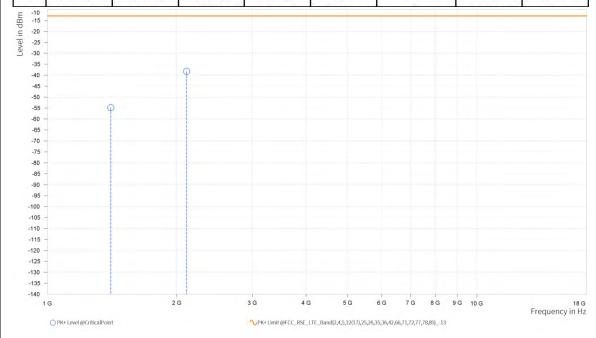
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,406.500	-51.85	-13.00	38.85	12.73	Н	174	1.00
2	2,109.500	-32.04	-13.00	19.04	18.25	Н	359	2.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

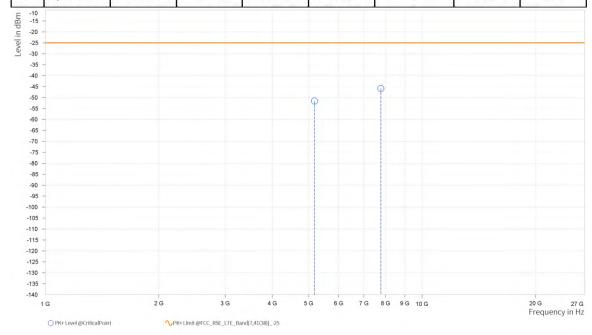
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,405.500	-54.79	-13.00	41.79	12.85	٧	56.6	2.00
2	2,110.000	-38.29	-13.00	25.29	18.95	V	235.5	1.00





LTE BAND 41							
CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 40620				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu				

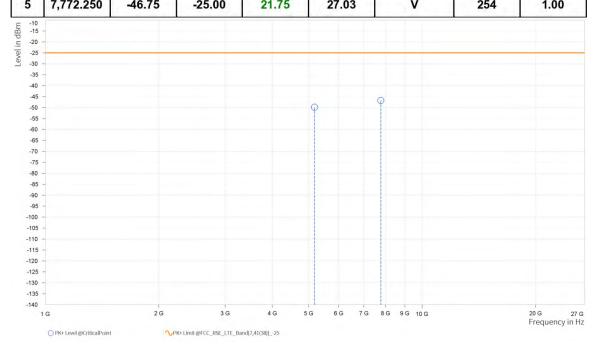
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,181.500	-51.57	-25.00	26.57	23.35	Н	190.2	1.00
5	7,772.250	-45.84	-25.00	20.84	27.25	Н	359	2.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

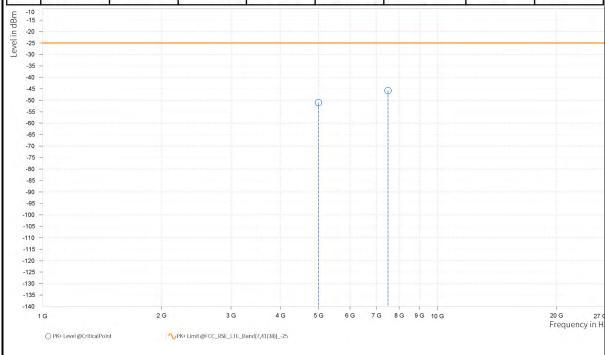
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,181.500	-49.82	-25.00	24.82	23.81	٧	169.7	2.00
5	7,772.250	-46.75	-25.00	21.75	27.03	٧	254	1.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 39700
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

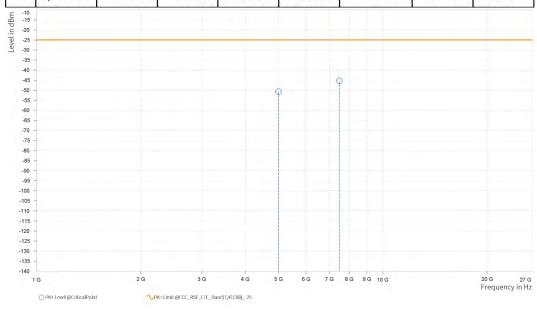
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,993.000	-51.05	-25.00	26.05	23.35	Н	167.5	2.00
5	7,489.500	-45.83	-25.00	20.83	27.02	Н	1	1.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 39700	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

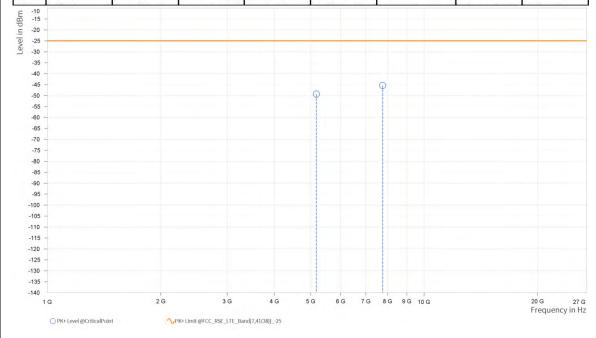
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,993.000	-50.67	-25.00	25.67	23.59	٧	1	1.00
5	7,489.500	-45.30	-25.00	20.30	27.00	V	104.6	2.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 40620	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

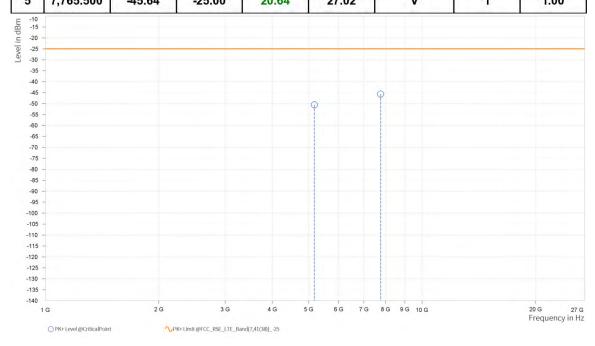
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,177.000	-49.27	-25.00	24.27	23.32	Н	194.5	1.00
5	7,765.500	-45.37	-25.00	20.37	27.26	Н	105.3	2.00





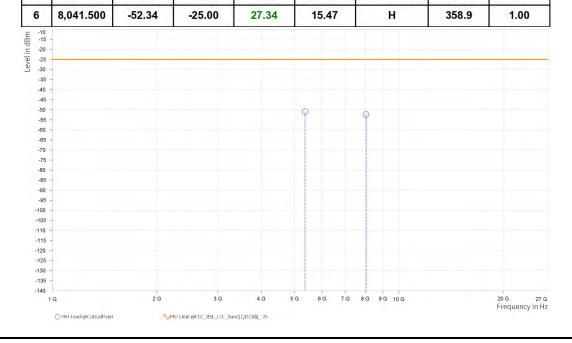
CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

Height [m]	Azimuth [deg]	Polarization	Correction [dB]	PK+ Margin [dB]	PK+ Limit [dBm]	PK+ Level [dBm]	Frequency [MHz]	Rg
2.00	266.6	V	23.75	25.55	-25.00	-50.55	5,177.000	4
1.00	1	٧	27.02	20.64	-25.00	-45.64	7,765.500	5
2	1	V	27.02	20.64	-25.00	-45.64	7,765.500	5 EAD -10 -15 -20 -25





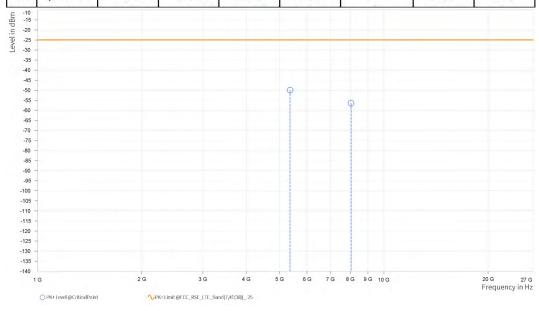
CHANNEL BANDWIDTH				10MHz / QPSK			MODE		TX chan	TX channel 41540	
FREQUENCY RANGE			E	I Ahove 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER				AC 120V 60HZ		TESTED BY		Hanwen Xu			
		ANT	ENN	NA PO	LARITY 8	TEST [	ISTANCE: I	HORIZONTA	LAT 3 M		
					271						
	Rg	Frequency [MHz]	Le	PK+ evel Bm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	
	4	5,361.000	-5	0.95	-25.00	25.95	23.80	н	266	2.00	





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 41540	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

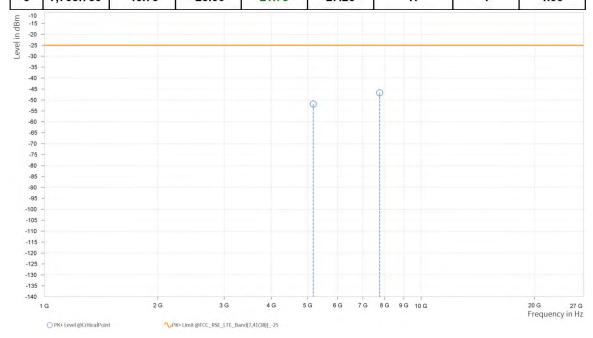
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,361.000	-49.93	-25.00	24.93	24.25	٧	93.3	1.00
6	8,041.500	-56.40	-25.00	31.40	15.32	V	321.9	1.00





CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 40620	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

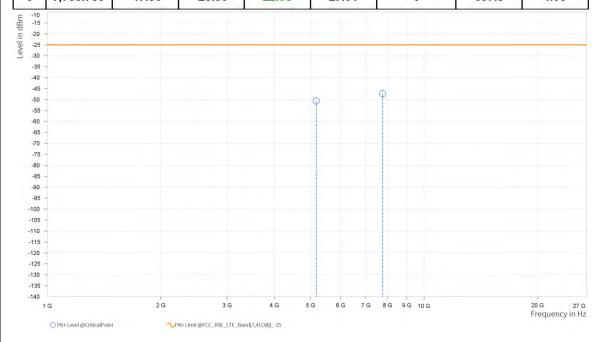
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,172.500	-51.84	-25.00	26.84	23.30	Н	251.1	1.00
5	7,758.750	-46.73	-25.00	21.73	27.26	Н	1	1.00





CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 40620	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

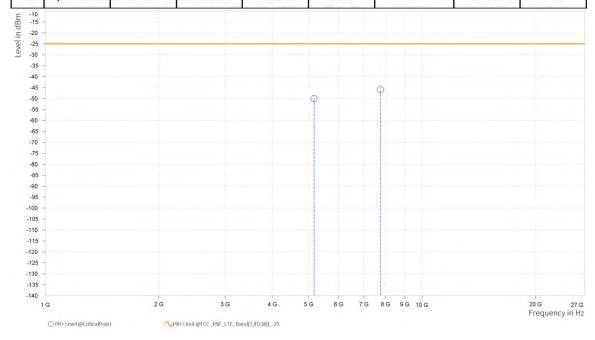
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,172.500	-50.58	-25.00	25.58	23.69	٧	359.1	1.00
5	7,758.750	-47.36	-25.00	22.36	27.01	٧	357.8	1.00





CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

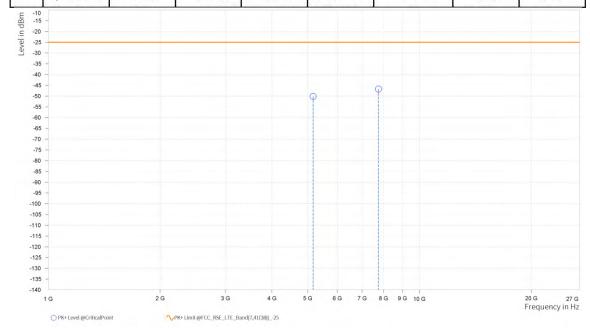
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,168.000	-49.96	-25.00	24.96	23.28	Н	359.1	1.00
5	7,752.000	-45.98	-25.00	20.98	27.27	Н	358.5	1.00





CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

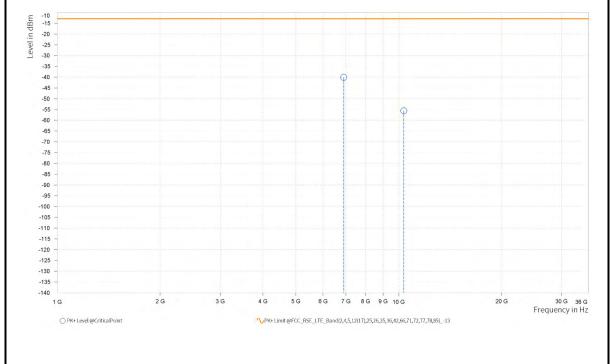
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,168.000	-50.19	-25.00	25.19	23.63	٧	1.9	2.00
5	7,752.000	-46.78	-25.00	21.78	27.01	V	311.2	1.00





LTE BAND 42							
CHANNEL BANDWIDTH	I5MHz / OPSK IMODE ITX channel 4211						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu				

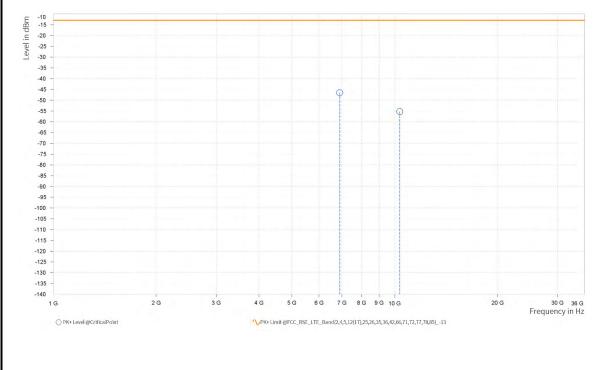
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,901.000	-40.07	-13.00	27.07	26.84	Н	271.7	1.00
6	10,350.750	-55.59	-13.00	42.59	15.80	Н	217.9	1.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 42115	
FREQUENCY RANGE	I Ahove 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

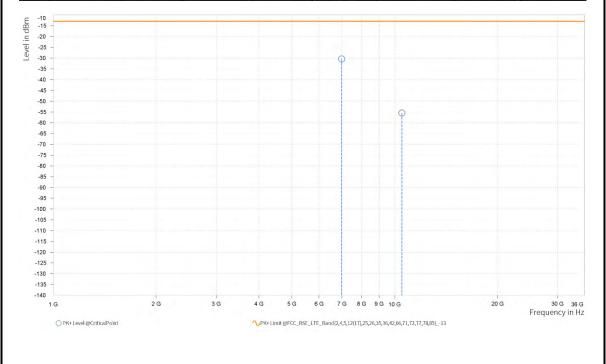
	Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
	5	6,900.500	-46.50	-13.00	33.50	26.80	٧	130.1	1.00
1	6	10,350.750	-55.27	-13.00	42.27	15.51	V	321.1	1.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	ΙΔhova 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

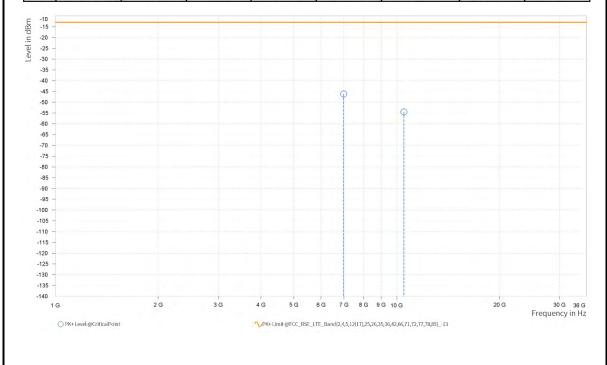
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,995.500	-30.39	-13.00	17.39	26.95	Н	209.4	1.00
6	10,493.250	-55.49	-13.00	42.49	16.52	Н	359.1	1.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	I Ahove 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

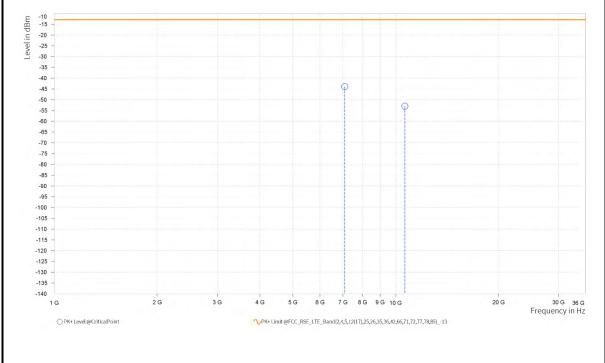
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,995.500	-46.16	-13.00	33.16	27.00	٧	201.6	1.00
6	10,493.250	-54.50	-13.00	41.50	16.26	V	90.4	2.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 43065
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

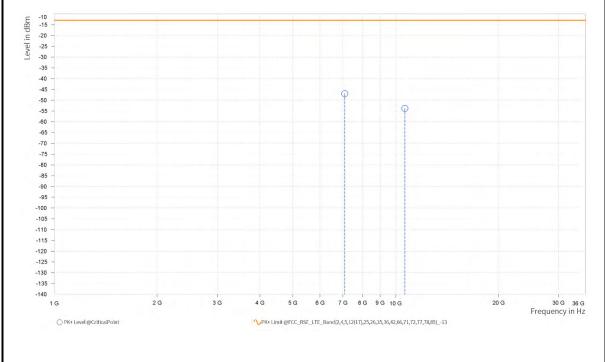
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,090.500	-43.92	-13.00	30.92	26.85	Н	155.5	2.00
6	10,635.750	-52.96	-13.00	39.96	16.74	Н	147	2.00





CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 43065	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

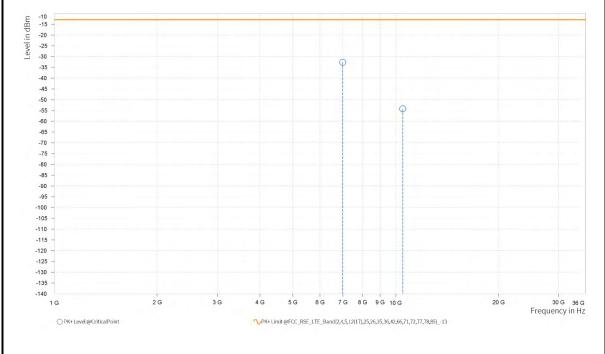
	Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
	5	7,090.500	-46.96	-13.00	33.96	26.60	٧	266	1.00
Ī	6	10,635.750	-53.79	-13.00	40.79	16.41	V	274.5	1.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 42590	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

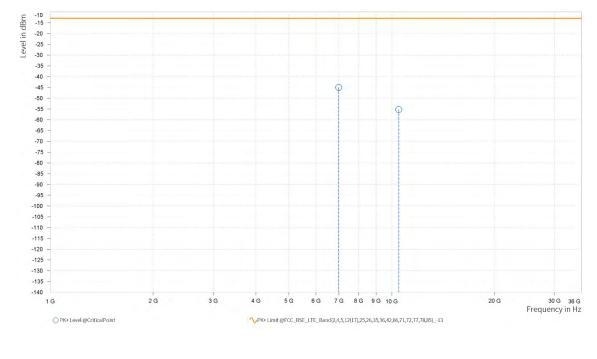
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,991.000	-32.64	-13.00	19.64	26.93	Н	202.3	1.00
6	10,486.500	-54.26	-13.00	41.26	16.49	Н	0.9	2.00





CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 42590	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

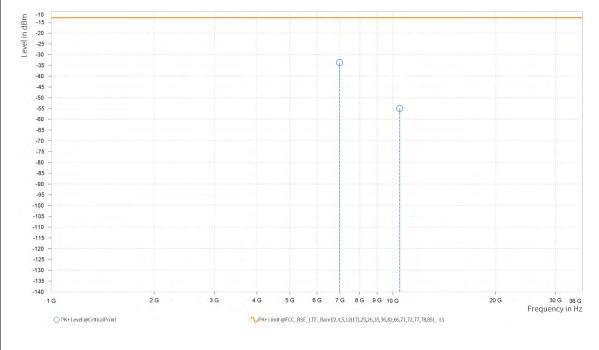
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,991.000	-45.00	-13.00	32.00	26.97	٧	201.6	1.00
6	10,486.500	-55.24	-13.00	42.24	16.24	V	149.8	2.00





CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 42590	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

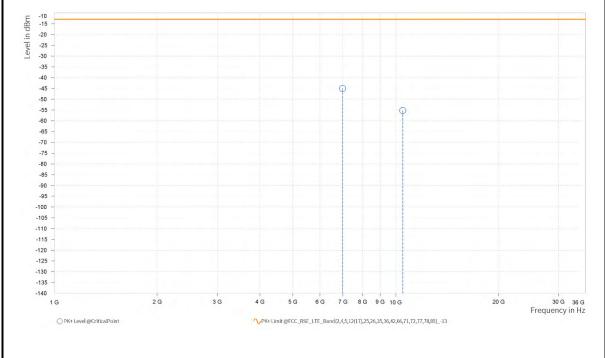
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,986.500	-33.78	-13.00	20.78	26.90	Н	202.4	1.00
6	10,479.750	-54.97	-13.00	41.97	16.46	Н	359	1.00





CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 42590	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

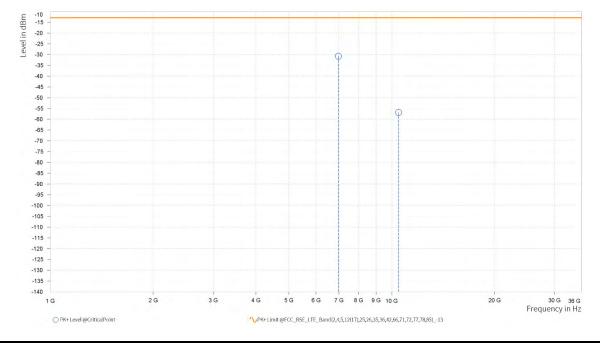
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,986.500	-44.98	-13.00	31.98	26.95	٧	201.6	1.00
6	10,479.750	-55.23	-13.00	42.23	16.22	V	89	2.00





CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

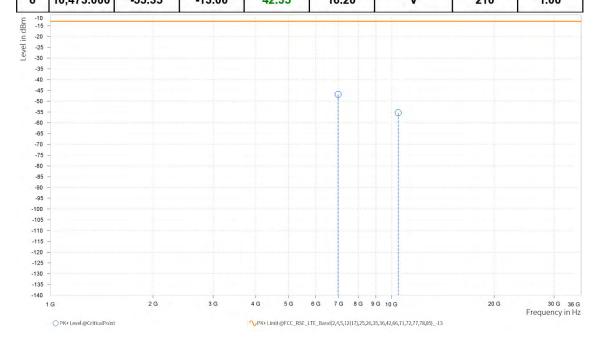
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,982.000	-30.76	-13.00	17.76	26.88	Н	203	1.00
6	10,473.000	-56.81	-13.00	43.81	16.42	Н	153.4	1.00





CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 42590	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu	

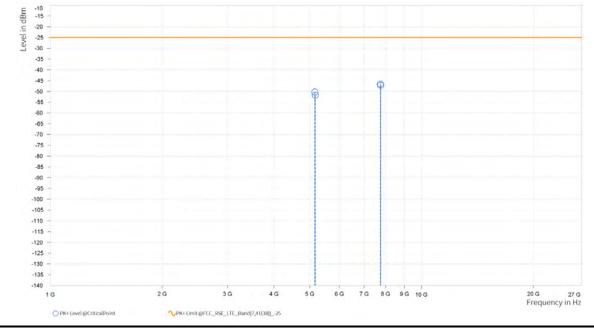
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,982.000	-46.86	-13.00	33.86	26.92	٧	359.1	1.00
6	10,473.000	-55.35	-13.00	42.35	16.20	V	210	1.00





	LTE Band CA _41C								
CHANNEL	(5+20) MHz /	MODE	TX channel PCC 40528						
BANDWIDTH	QPSK		TX channel SCC 40645						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu						

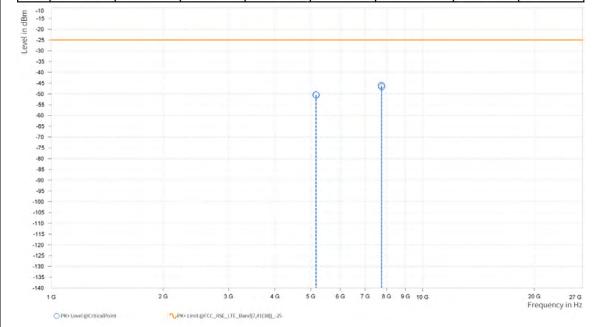
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,163.100	-50.28	-25.00	25.28	23.25	Н	346.7	1.00
4	5,173.000	-51.73	-25.00	26.73	23.30	Н	1	1.00
5	7,744.650	-46.59	-25.00	21.59	27.28	Н	290.1	1.00
5	7,759.500	-47.17	-25.00	22.17	27.26	Н	18.2	2.00





	LTE I	Band CA _41C		
CHANNEL	(5+20) MHz /	MODE	TX channel PCC 40528	
BANDWIDTH	QPSK	MODE	TX channel SCC 40645	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu	

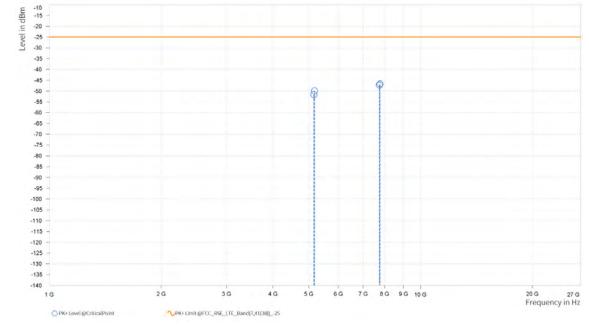
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,163.100	-50.43	-25.00	25.43	23.56	٧	359	2.00
4	5,173.000	-50.53	-25.00	25.53	23.70	V	1	1.00
5	7,744.650	-46.04	-25.00	21.04	27.00	٧	280.8	1.00
5	7,759.500	-46.66	-25.00	21.66	27.02	٧	359	2.00





	LTE Band CA _41C								
CHANNEL	(10+15) MHz / QPSK	MODE	TX channel PCC 40549						
BANDWIDTH	(10+15) WHZ / QPSK	MODE	TX channel SCC 40669						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu						

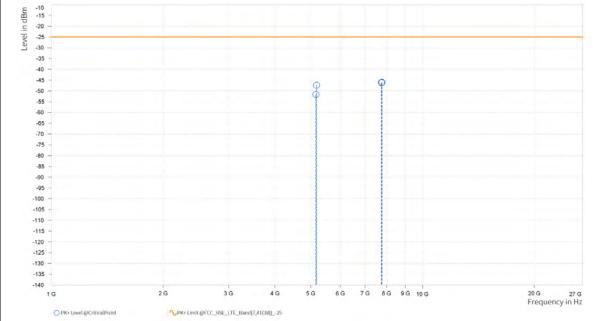
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,162.800	-51.65	-25.00	26.65	23.25	H	263.8	2.00
4	5,182.300	-49.94	-25.00	24.94	23.35	H	1	1.00
5	7,744.200	-47.27	-25.00	22.27	27.28	H	359	2.00
5	7,773.450	-46.69	-25.00	21.69	27.25	н	359	1.00





	LTE Band CA _41C							
CHANNEL	(10+15) MHz /	MODE	TX channel PCC 40549					
BANDWIDTH	QPSK	MODE	TX channel SCC 40669					
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu					

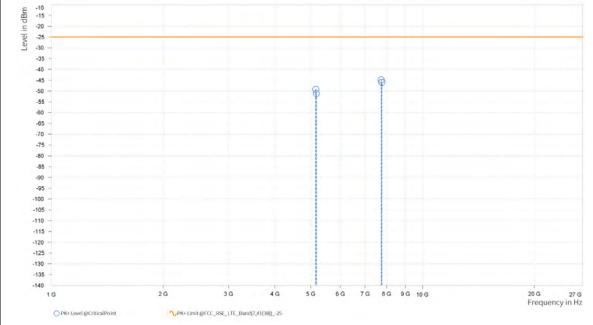
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,162.800	-51.62	-25.00	26.62	23.56	٧	0.9	2.00
4	5,182.300	-47.33	-25.00	22.33	23.82	V	0.9	2.00
5	7,744.200	-46.16	-25.00	21.16	27.00	V	359	1.00
5	7,773.450	-46.02	-25.00	21.02	27.03	٧	128.7	1.00





LTE Band CA _41C							
CHANNEL	(10+20) MHz /	MODE	TX channel PCC 40526				
BANDWIDTH	QPSK	MODE	TX channel SCC 40670				
FREQUENCY RANGE	1 A DOMA 1 H H H H J	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

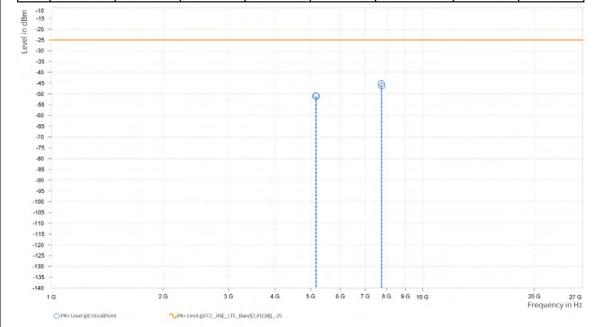
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,158.200	-49.13	-25.00	24.13	23.22	H	203	1.00
4	5,178.000	-51.08	-25.00	26.08	23.33	Н	359.1	1.00
5	7,737.300	-44.80	-25.00	19.80	27.28	Н	23.2	2.00
5	7,767.000	-45.96	-25.00	20.96	27.26	Н	126.6	1.00





	LTE Band CA _41C							
CHANNEL	(10+20) MHz /	MODE	TX channel PCC 40526					
BANDWIDTH	QPSK	MODE	TX channel SCC 40670					
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu					

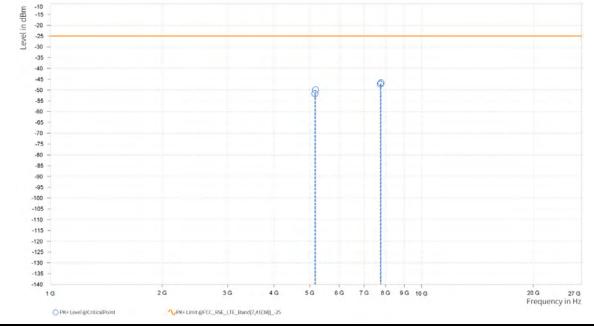
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,158.200	-50.99	-25.00	25.99	23.49	٧	159.8	2.00
4	5,178.000	-51.11	-25.00	26.11	23.76	V	198.8	1.00
5	7,737.300	-45.14	-25.00	20.14	26.99	V	0.9	2.00
5	7,767.000	-46.33	-25.00	21.33	27.02	٧	207.3	1.00





LTE Band CA _41C							
CHANNEL	(15+15) MHz /	MODE	TX channel PCC 40545				
BANDWIDTH	QPSK	MODE	TX channel SCC 40695				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

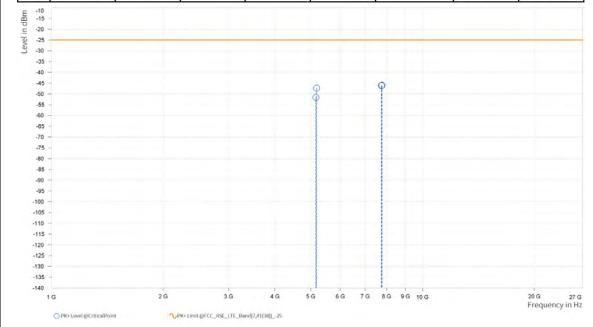
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,162.800	-51.65	-25.00	26.65	23.25	Н	263.8	2.00
4	5,182.300	-49.94	-25.00	24.94	23.35	Н	1	1.00
5	7,744.200	-47.27	-25.00	22.27	27.28	H	359	2.00
5	7,773.450	-46.69	-25.00	21.69	27.25	Н	359	1.00





	LTE Band CA _41C							
CHANNEL	(15+15) MHz /	MODE	TX channel PCC 40545					
BANDWIDTH	QPSK	MODE	TX channel SCC 40695					
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu					

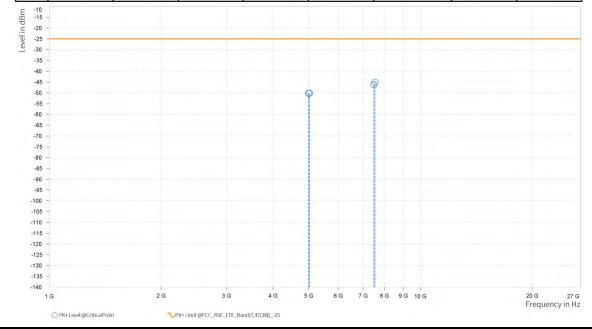
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,162.800	-51.62	-25.00	26.62	23.56	٧	0.9	2.00
4	5,182.300	-47.33	-25.00	22.33	23.82	V	0.9	2.00
5	7,744.200	-46.16	-25.00	21.16	27.00	V	359	1.00
5	7,773.450	-46.02	-25.00	21.02	27.03	٧	128.7	1.00





LTE Band CA _41C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 39728				
BANDWIDTH	QPSK	MODE	TX channel SCC 39899				
FREQUENCY RANGE	1 A D O V A T I I I I I I I I I I I I	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

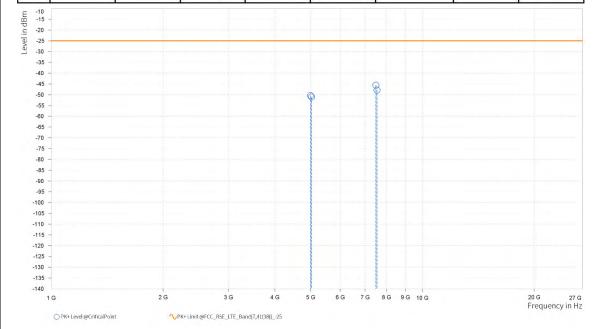
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,994.100	-50.14	-25.00	25.14	23.36	Н	156.2	2.00
4	5,023.800	-50.14	-25.00	25.14	23.51	H	359.1	1.00
5	7,491.150	-46.34	-25.00	21.34	27.02	H	81.3	2.00
5	7,535.700	-45.06	-25.00	20.06	27.08	Н	210.8	1.00





LTE Band CA _41C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 39728				
BANDWIDTH	QPSK	MODE	TX channel SCC 39899				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

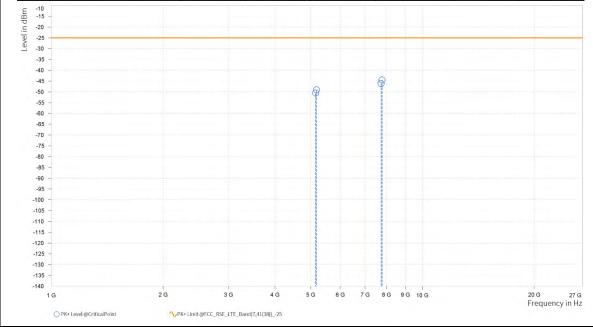
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,994.100	-50.43	-25.00	25.43	23.60	٧	65	2.00
4	5,023.800	-51.06	-25.00	26.06	23.82	٧	65	2.00
5	7,491.150	-45.58	-25.00	20.58	27.00	V	1.2	2.00
5	7,535.700	-47.81	-25.00	22.81	26.99	٧	1	1.00





LTE Band CA _41C							
CHANNEL	(15+20) MHz /	MODE TX channel PCC 40					
BANDWIDTH	QPSK	MODE	TX channel SCC 40694				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

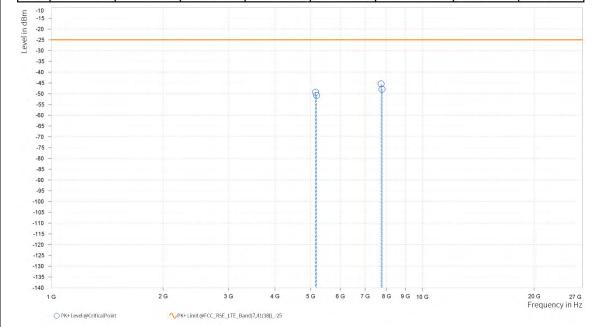
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,153.100	-50.51	-25.00	25.51	23.20	H	359	1.00
4	5,182.800	-49.10	-25.00	24.10	23.36	н	53.6	2.00
5	7,729.650	-46.18	-25.00	21.18	27.22	Н	217.8	1.00
5	7,774.200	-44.47	-25.00	19.47	27.25	н	113	2.00





LTE Band CA _41C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 40523				
BANDWIDTH	QPSK		TX channel SCC 40694				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

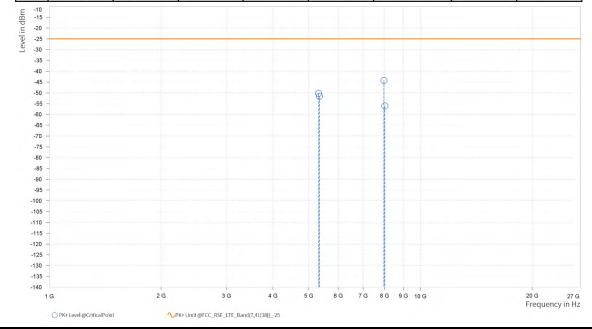
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,153.100	-49.32	-25.00	24.32	23.43	٧	96.2	1.00
4	5,182.800	-50.77	-25.00	25.77	23.83	V	1	1.00
5	7,729.650	-45.46	-25.00	20.46	26.95	٧	144.2	2.00
5	7,774.200	-47.92	-25.00	22.92	27.03	٧	292.2	1.00





LTE Band CA _41C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 41319				
BANDWIDTH	QPSK	MODE	TX channel SCC 41490				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

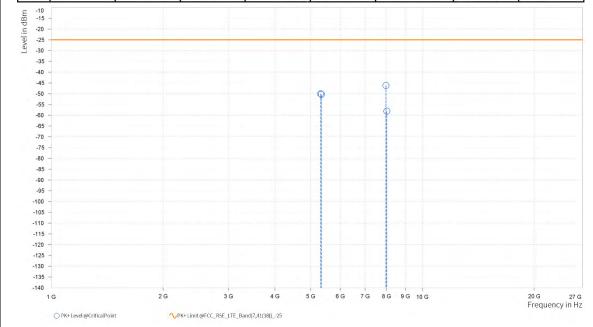
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,312.300	-50.25	-25.00	25.25	23.63	н	359	1.00
4	5,342.000	-51.56	-25.00	26.56	23.73	Н	1	1.00
5	7,968.450	-44.24	-25.00	19.24	27.64	Н	74.2	2.00
6	8,013.000	-56.03	-25.00	31.03	15.43	н	1	2.00





LTE Band CA _41C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 41319				
BANDWIDTH	QPSK	MODE	TX channel SCC 41490				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

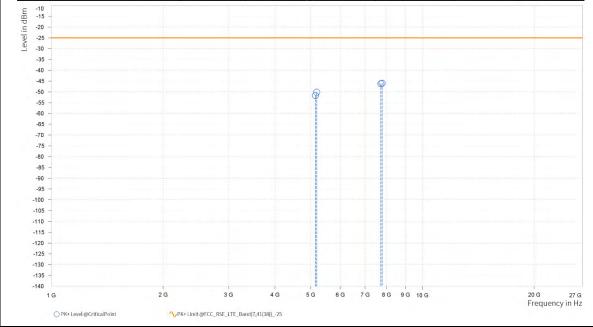
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,312.300	-50.05	-25.00	25.05	24.14	٧	155.6	2.00
4	5,342.000	-50.33	-25.00	25.33	24.20	٧	264.6	2.00
5	7,968.450	-46.16	-25.00	21.16	27.38	V	148.6	2.00
6	8,013.000	-58.08	-25.00	33.08	15.24	٧	140.1	2.00





LTE Band CA _41C							
CHANNEL	(20+20) MHz /	MODE TX channel PCC 405					
BANDWIDTH	QPSK	MODE	TX channel SCC 40719				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

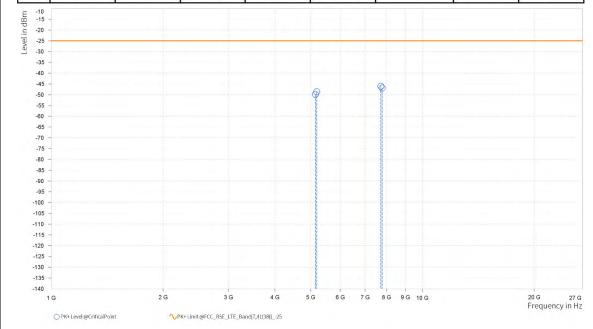
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,148.200	-51.70	-25.00	26.70	23.17	н	204.4	1.00
4	5,187.800	-50.15	-25.00	25.15	23.38	Н	16.8	2.00
5	7,722.300	-46.24	-25.00	21.24	27.17	Н	126.6	1.00
5	7,781.700	-46.02	-25.00	21.02	27.25	н	348.1	1.00





	LTE I	Band CA _41C	
CHANNEL	(20+20) MHz /	MODE	TX channel PCC 40521
BANDWIDTH	QPSK	MODE	TX channel SCC 40719
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu

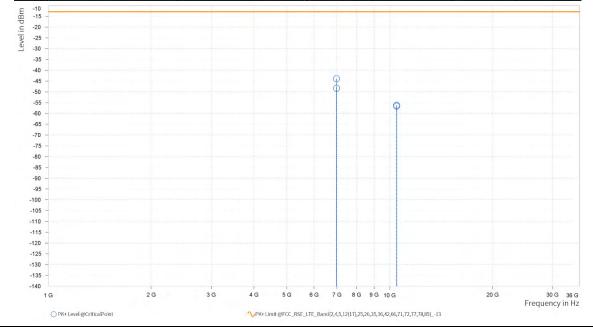
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,148.200	-49.84	-25.00	24.84	23.38	V	1	2.00
4	5,187.800	-48.66	-25.00	23.66	23.90	V	1	2.00
5	7,722.300	-46.07	-25.00	21.07	26.91	V	326.2	1.00
5	7,781.700	-46.89	-25.00	21.89	27.04	٧	126.6	1.00





	LTE Band CA _42C								
CHANNEL	(5+20) MHz /	MODE	TX channel PCC 42498						
BANDWIDTH	QPSK	MODE	TX channel SCC 42615						
FREQUENCY RANGE	Ahava 1000/147	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu						

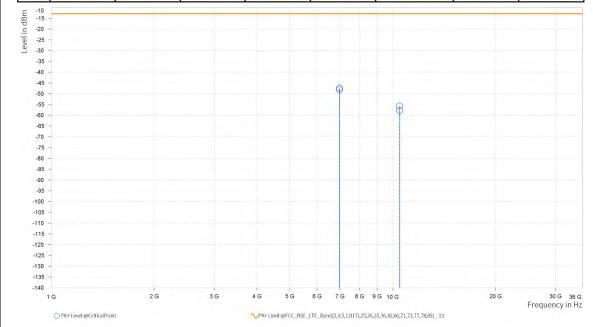
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,977.100	-43.91	-13.00	30.91	26.85	H	143.5	2.00
5	6,987.000	-48.34	-13.00	35.34	26.90	H	352.9	1.00
6	10,465.650	-56.21	-13.00	43.21	16.39	H	359	1.00
6	10,480.500	-56.64	-13.00	43.64	16.46	н	0.9	2.00





	LTE I	Band CA _42C	
CHANNEL	(5+20) MHz /	MODE	TX channel PCC 42498
BANDWIDTH	QPSK	MODE	TX channel SCC 42615
FREQUENCY RANGE	1 A D O V A T I I I I I I I I I I I I	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu

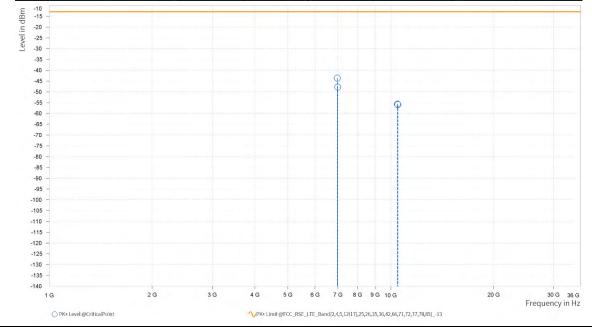
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,977.100	-47.36	-13.00	34.36	26.89	٧	359.1	1.00
5	6,987.000	-48.12	-13.00	35.12	26.95	V	127.3	2.00
6	10,465.650	-55.69	-13.00	42.69	16.17	V	118.1	2.00
6	10,480.500	-57.82	-13.00	44.82	16.22	٧	1	1.00





	LTE Band CA _42C								
CHANNEL	(10+20) MHz /	MODE	TX channel PCC 42496						
BANDWIDTH	QPSK	MODE	TX channel SCC 42640						
FREQUENCY RANGE		ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu						

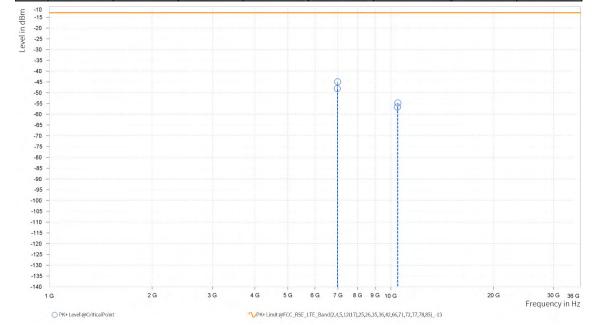
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,972.200	-43.64	-13.00	30.64	26.82	H	145.8	2.00
5	6,992.000	-47.78	-13.00	34.78	26.93	H	213.6	1.00
6	10,458.300	-55.68	-13.00	42.68	16.35	H	6.4	2.00
6	10,488.000	-55.89	-13.00	42.89	16.50	н	138.6	2.00





	LTE I	Band CA _42C		
CHANNEL	(10+20) MHz /	MODE	TX channel PCC 42496	
BANDWIDTH	QPSK	MODE	TX channel SCC 42640	
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu	

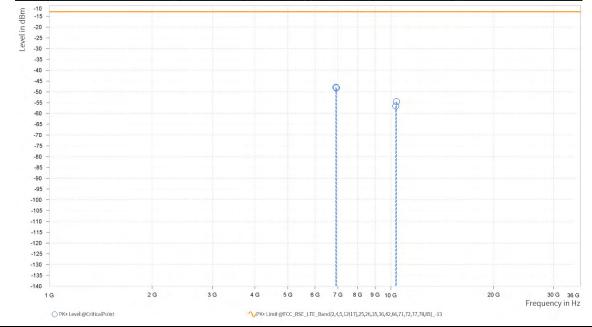
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,972.200	-48.03	-13.00	35.03	26.87	٧	145.7	2.00
5	6,992.000	-44.92	-13.00	31.92	26.98	V	1	2.00
6	10,458.300	-56.62	-13.00	43.62	16.15	V	359	1.00
6	10,488.000	-54.74	-13.00	41.74	16.24	٧	155.6	1.00





	LTE Band CA _42C								
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 42168						
BANDWIDTH	QPSK	MODE	TX channel SCC 42339						
FREQUENCY RANGE	$\Delta h \alpha v \Delta 1000MHz$	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu						

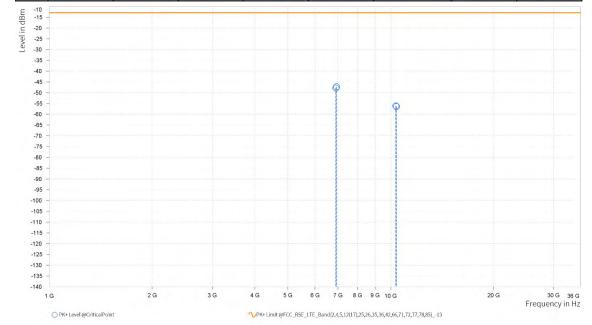
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,902.100	-47.82	-13.00	34.82	26.84	Н	286.5	1.00
5	6,931.800	-48.22	-13.00	35.22	26.70	Н	359	1.00
6	10,353.150	-56.58	-13.00	43.58	15.81	H	135	2.00
6	10,397.700	-54.50	-13.00	41.50	16.05	н	201.6	2.00





	LTE Band CA _42C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 42168					
BANDWIDTH	QPSK	MODE	TX channel SCC 42339					
FREQUENCY RANGE	1 A D O V A T I I I I I I I I I I I I	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu					

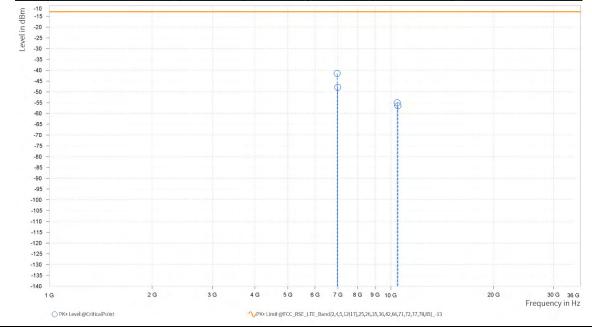
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,902.100	-47.81	-13.00	34.81	26.79	٧	216.4	1.00
5	6,931.800	-47.25	-13.00	34.25	26.74	V	128	1.00
6	10,353.150	-56.12	-13.00	43.12	15.53	٧	159.1	1.00
6	10,397.700	-56.39	-13.00	43.39	15.85	٧	201.6	2.00





LTE Band CA _42C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC42493				
BANDWIDTH	QPSK	MODE	TX channel SCC 42664				
FREQUENCY RANGE	1 A D O V A T I I I I I I I I I I I I	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

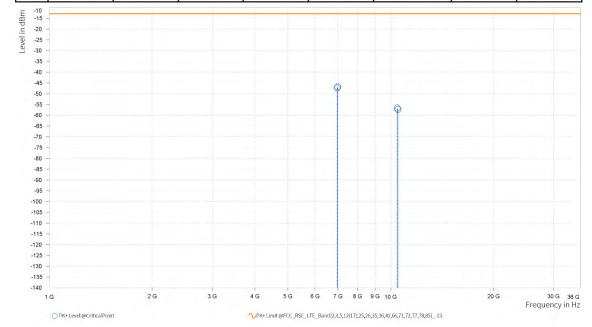
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,967.100	-41.45	-13.00	28.45	26.80	н	142.2	1.00
5	6,996.800	-47.90	-13.00	34.90	26.96	Н	1	1.00
6	10,450.650	-55.00	-13.00	42.00	16.32	Н	358.9	1.00
6	10,495.200	-56.48	-13.00	43.48	16.53	Н	309.9	1.00





LTE Band CA _42C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC42493				
BANDWIDTH	QPSK	MODE	TX channel SCC 42664				
FREQUENCY RANGE	1 A DOVA 10000/1H7	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

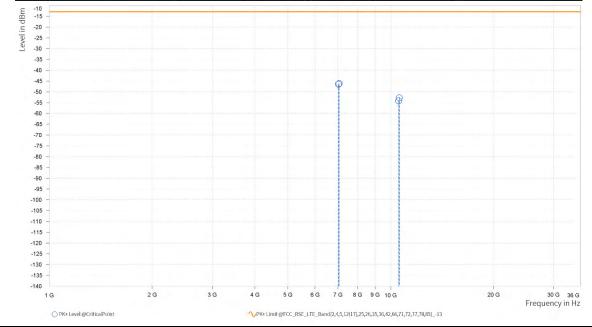
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,967.100	-47.36	-13.00	34.36	26.85	٧	295.8	1.00
5	6,996.800	-46.81	-13.00	33.81	27.01	V	359	1.00
6	10,450.650	-56.60	-13.00	43.60	16.13	V	51.5	2.00
6	10,495.200	-57.31	-13.00	44.31	16.27	٧	358.5	1.00





LTE Band CA _42C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 42819				
BANDWIDTH	QPSK	MODE	TX channel SCC 42990				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

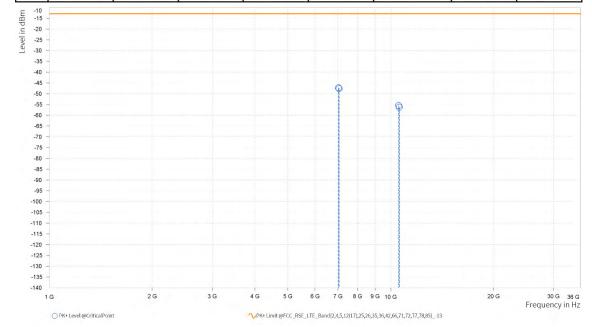
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,032.300	-46.46	-13.00	33.46	26.95	Н	358.3	1.00
5	7,062.000	-46.20	-13.00	33.20	26.87	Н	359	1.00
6	10,548.450	-54.13	-13.00	41.13	16.68	H	134.3	2.00
6	10,593.000	-52.77	-13.00	39.77	16.71	Н	63.5	2.00





LTE Band CA _42C							
CHANNEL	(15+20) MHz /	MODE	TX channel PCC 42819				
BANDWIDTH	QPSK	MODE	TX channel SCC 42990				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

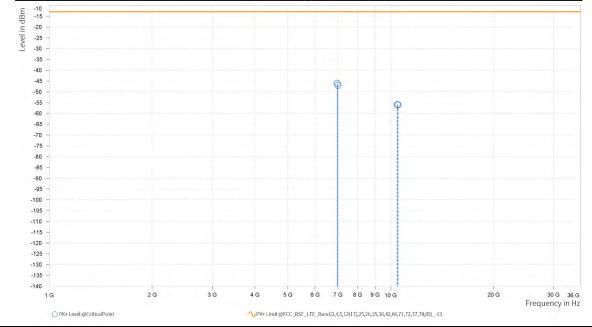
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,032.300	-47.24	-13.00	34.24	26.88	٧	235.5	1.00
5	7,062.000	-47.62	-13.00	34.62	26.67	V	359	1.00
6	10,548.450	-55.47	-13.00	42.47	16.36	٧	1	1.00
6	10,593.000	-56.26	-13.00	43.26	16.39	٧	200.2	2.00





LTE Band CA _42C							
CHANNEL	(20+20) MHz /	) MHz / MODE TX channel I					
BANDWIDTH	QPSK	MODE	TX channel SCC 42689				
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH				
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu				

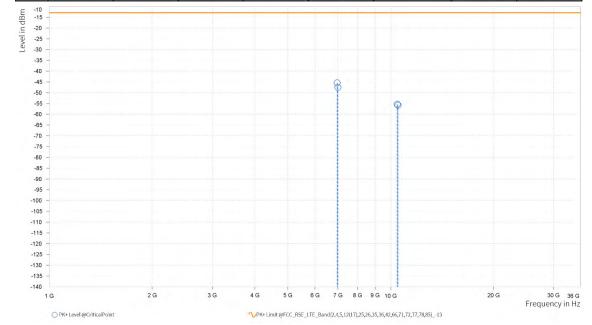
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,962.200	-46.03	-13.00	33.03	26.78	Н	162.6	2.00
5	7,001.800	-46.98	-13.00	33.98	26.99	Н	300.6	1.00
6	10,443.300	-55.89	-13.00	42.89	16.28	Н	311.9	1.00
6	10,502.700	-56.06	-13.00	43.06	16.57	Н	237.7	1.00





LTE Band CA _42C								
CHANNEL	(20+20) MHz /	MODE	TX channel PCC 42491					
BANDWIDTH	QPSK	MODE	TX channel SCC 42689					
FREQUENCY RANGE	1 A D O V A T I I I I I I I I I I I I	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60Hz	TESTED BY	Hanwen Xu					

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,962.200	-45.42	-13.00	32.42	26.83	٧	231.9	2.00
5	7,001.800	-47.45	-13.00	34.45	27.04	V	1	1.00
6	10,443.300	-55.28	-13.00	42.28	16.10	V	134.3	2.00
6	10,502.700	-55.75	-13.00	42.75	16.29	٧	134.3	2.00

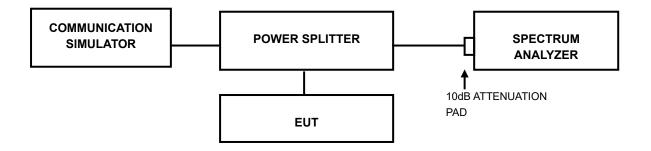


#### 3.7 PEAK TO AVERAGE RATIO

#### 3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

#### 3.7.2 TEST SETUP



#### 3.7.3 TEST PROCEDURES

- 1. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
- 2. Set the number of counts to a value that stabilizes the measured CCDF curve;
- 3. Record the maximum PAPR level associated with a probability of 0.1%.

#### 3.7.4 TEST RESULTS

Please Refer to Appendix of this test report.

### 4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd., were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd. Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

#### Suzhou EMC/RF Lab:

Tel: +86 (0557) 368 1008



# 5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

## 6 Appendix

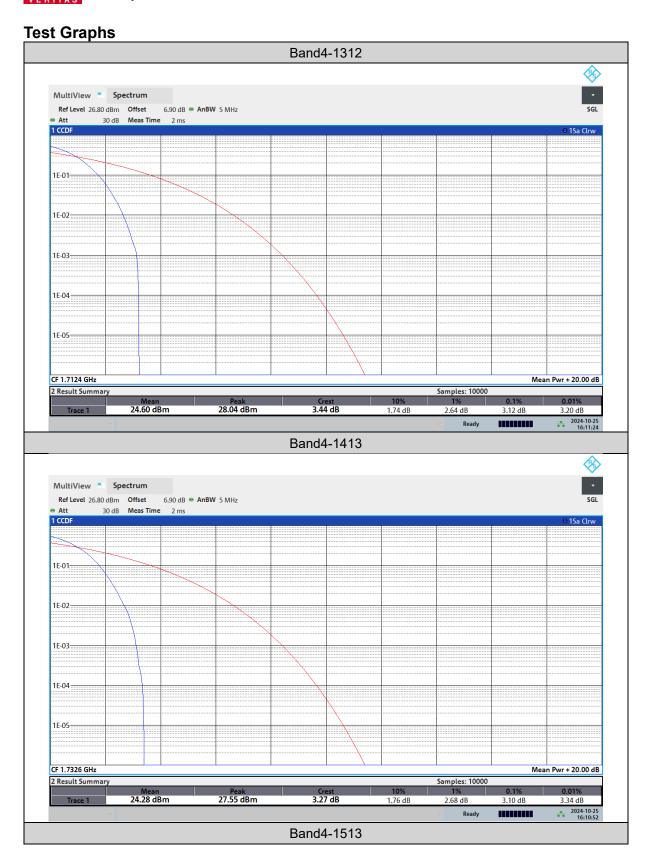
#### **WCDMA IV**

### **PEAK-TO-AVERAGE RATIO**

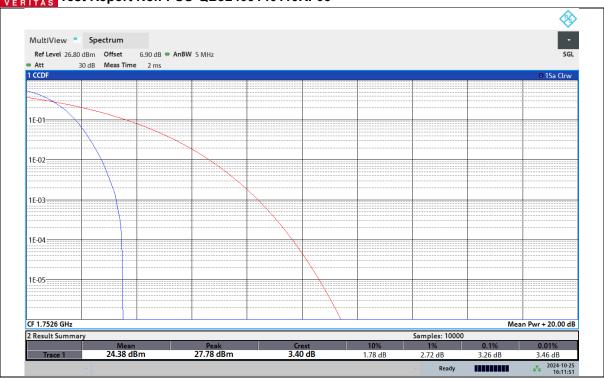
### **Test Result**

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	3.12	13	PASS
Band4	1413	3.10	13	PASS
Band4	1513	3.26	13	PASS











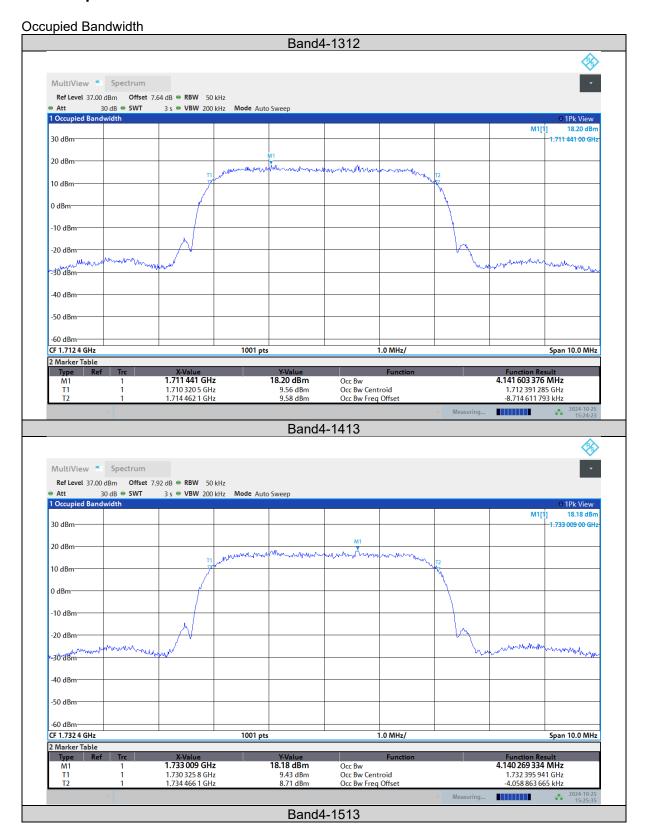
### **26DB BANDWIDTH AND OCCUPIED BANDWIDTH**

### **Test Result**

	Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Ī	Band4	1312	4.142	4.67	PASS
Ī	Band4	1413	4.140	4.66	PASS
Ī	Band4	1513	4.140	4.66	PASS



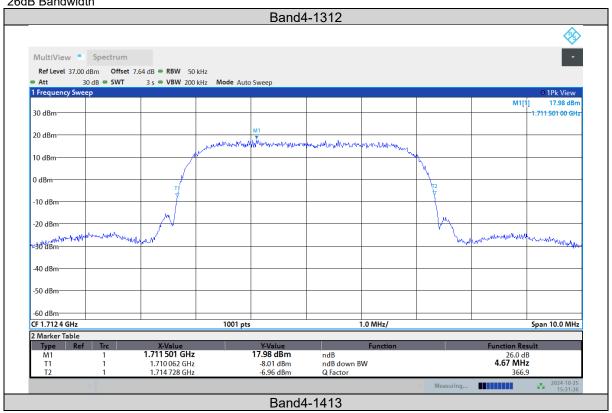
#### **Test Graphs**



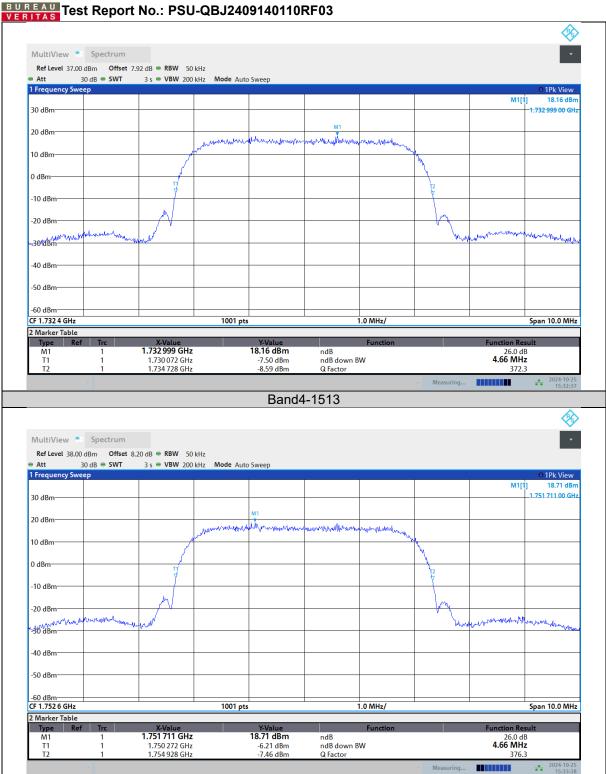




#### 26dB Bandwidth









### **BAND EDGE**

### **Test Result**

Band	Channel	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	See Graph	-13	PASS
Band4	1513	See Graph	-13	PASS



#### **Test Graphs**



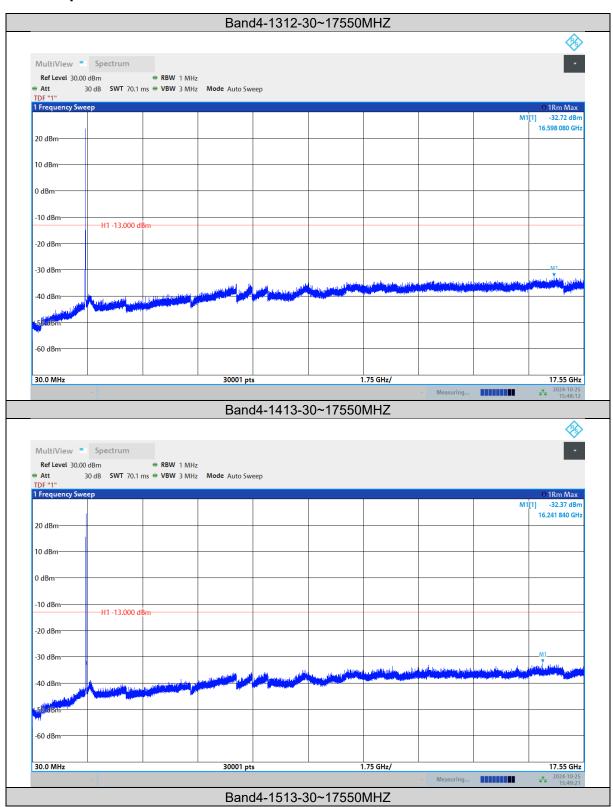


### **Test Result**

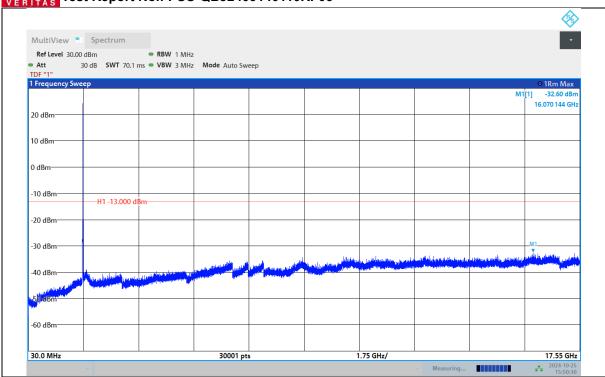
Band	Channel	Frequency Range (Mhz)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	30~17550MHZ	See Graph	-13	PASS
Band4	1413	30~17550MHZ	See Graph	-13	PASS
Band4	1513	30~17550MHZ	See Graph	-13	PASS



### **Test Graphs**







### **FREQUENCY STABILITY**

### **Test Result**

			Vo	Itage			
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VL	NT	-1.54	-0.0009	±2.5	PASS
Band4	1312	VN	NT	-0.53	-0.0003	±2.5	PASS
Band4	1312	VH	NT	-0.95	-0.0006	±2.5	PASS
Band4	1413	VL	NT	0.77	0.0004	±2.5	PASS
Band4	1413	VN	NT	-2.59	-0.0015	±2.5	PASS
Band4	1413	VH	NT	8.88	0.0051	±2.5	PASS
Band4	1513	VL	NT	6.02	0.0034	±2.5	PASS
Band4	1513	VN	NT	3.00	0.0017	±2.5	PASS
Band4	1513	VH	NT	6.07	0.0034	±2.5	PASS

			Ten	nperature			
Band	Channel	Voltage (Vdc)	Temperatur e (°ℂ)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	2.18	0.0013	±2.5	PASS
Band4	1312	NV	-20	-0.77	0.0009	±2.5	PASS
Band4	1312	NV	0	2.83	0.0017	±2.5	PASS
Band4	1312	NV	-10	1.13	0.0007	±2.5	PASS
Band4	1312	NV	10	5.61	0.0033	±2.5	PASS
Band4	1312	NV	20	-5.75	-0.0034	±2.5	PASS
Band4	1312	NV	30	-6.02	-0.0035	±2.5	PASS
Band4	1312	NV	40	3.14	0.0018	±2.5	PASS
Band4	1312	NV	50	-4.01	-0.0023	±2.5	PASS
Band4	1413	NV	-30	-2.87	-0.0016	±2.5	PASS
Band4	1413	NV	-20	3.18	0.0018	±2.5	PASS
Band4	1413	NV	-10	-5.51	-0.0032	±2.5	PASS
Band4	1413	NV	0	5.19	0.0030	±2.5	PASS
Band4	1413	NV	10	9.95	0.0057	±2.5	PASS
Band4	1413	NV	20	3.35	0.0019	±2.5	PASS
Band4	1413	NV	30	-9.17	-0.0052	±2.5	PASS
Band4	1413	NV	40	-6.61	-0.0038	±2.5	PASS
Band4	1413	NV	50	-0.53	-0.0003	±2.5	PASS
Band4	1513	NV	-30	-8.12	-0.0046	±2.5	PASS
Band4	1513	NV	-20	-0.58	-0.0003	±2.5	PASS
Band4	1513	NV	-10	-9.73	-0.0055	±2.5	PASS
Band4	1513	NV	0	5.47	0.0031	±2.5	PASS
Band4	1513	NV	10	-4.55	-0.0026	±2.5	PASS
Band4	1513	NV	20	-7.43	-0.0042	±2.5	PASS
Band4	1513	NV	30	-2.31	-0.0013	±2.5	PASS
Band4	1513	NV	40	-8.13	-0.0046	±2.5	PASS
Band4	1513	NV	50	-0.07	0.0000	±2.5	PASS

### PEAK-TO-AVERAGE RATIO(CCDF)

### **Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.52	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.54	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.00	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.14	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.20	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.06	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.36	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.10	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	6.76	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.54	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	7.02	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.48	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	7.06	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	6.48	13	PASS



### **Test Graphs**

