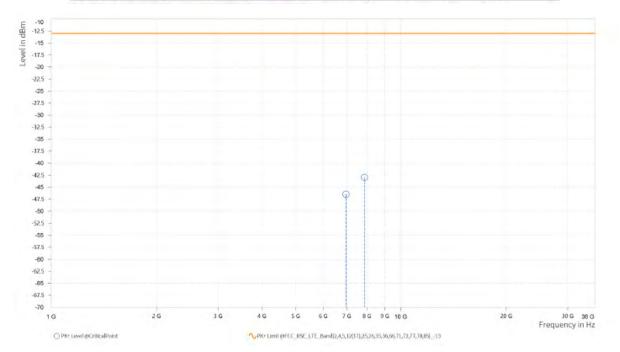


MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]	And the second second	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,963.000	-46.46	-13.00	33.46	31.68	V	359	1
5	7,862.970	-42.94	-13.00	29,94	32.39	٧	62.8	- 1

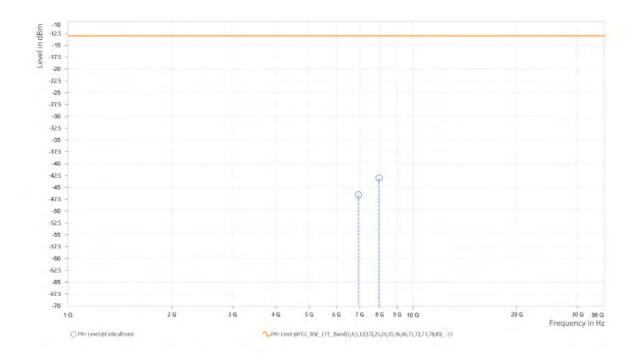




### **CHANNEL BANDWIDTH: 50MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

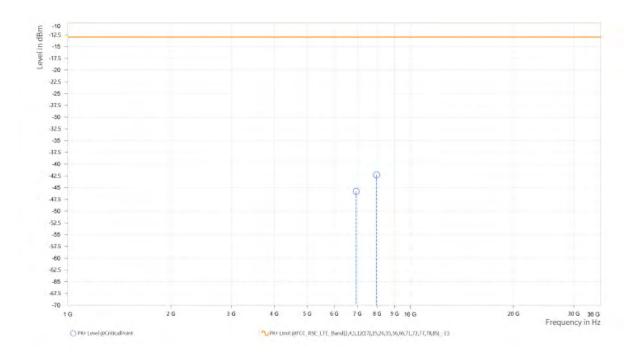
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,953.727	-46.59	-13.00	33.59	31,54	Н	1	2
5	7,965.227	-43.03	-13.00	30.03	32,52	H	1	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	TESTED BY Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,953.727	-45.80	-13.00	32.80	31.64	٧	0.9	1
5	7,970.379	-42.31	-13.00	29.31	32.57	V	359	1

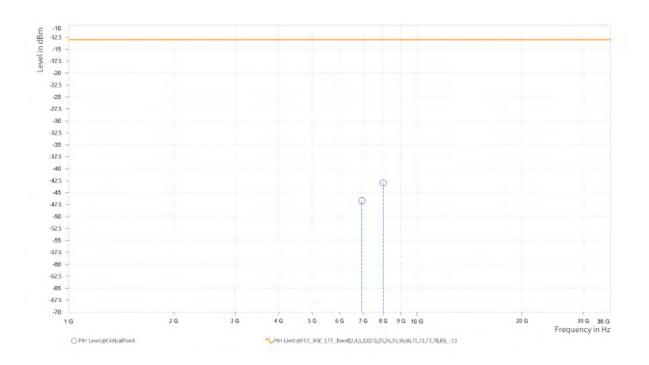




### **CHANNEL BANDWIDTH: 60MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	STED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

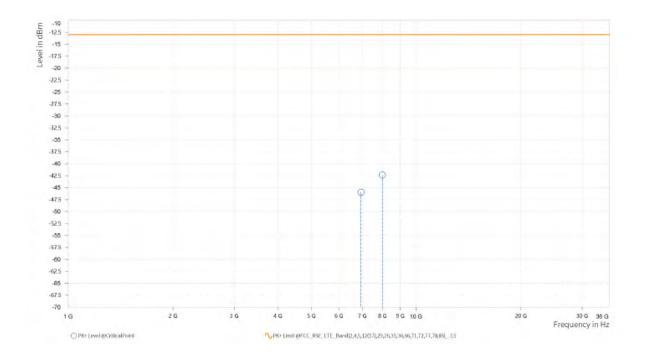
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,943.939	-46.70	-13.00	33.70	31.50	Ι	316.4	2
5	7,998.455	-43.02	-13.00	30.02	32.61	Н	359	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	AZIMITE	Antenna Height [m]
5	6,944.970	-45.97	-13.00	32.97	31.60	٧	359	1
5	7,994.848	-42.38	-13.00	29.38	32.61	٧	82	1

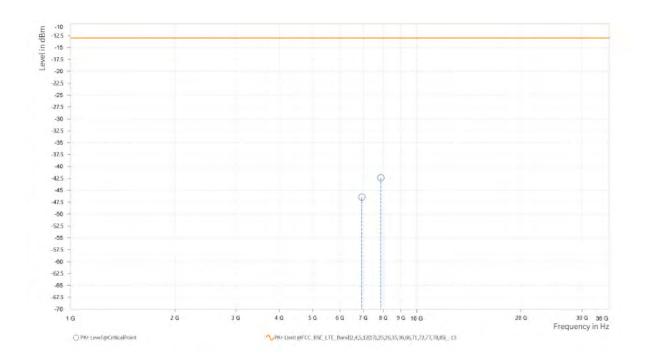




### **CHANNEL BANDWIDTH: 70MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

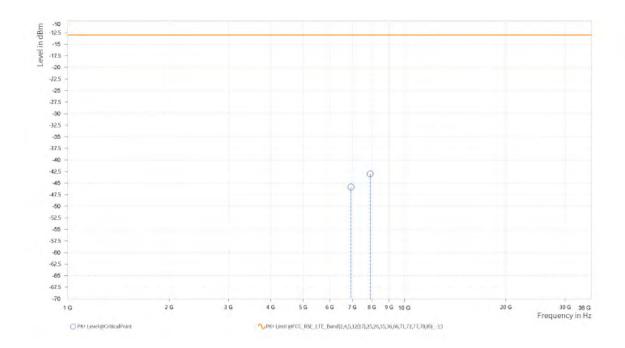
Rg			PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	6,936.212	-46,45	-13.00	33.45	31.47	Н	359.1	2
5	7,874.818	-42.39	-13.00	29.39	32.28	H	1	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,935.182	-45.85	-13.00	32.85	31.56	٧	359	1
5	7,907.788	-43.01	-13.00	30.01	32.47	٧	359	. 1

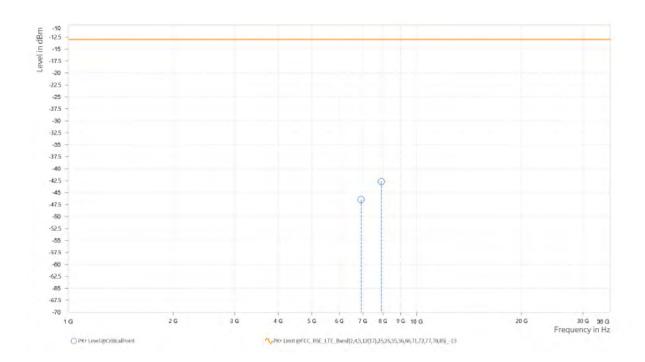




### **CHANNEL BANDWIDTH: 80MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

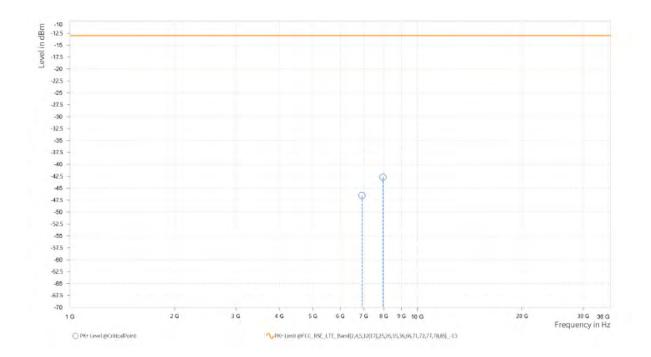
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,923.848	-46.42	-13.00	33.42	31.41	Ξ	359.1	2
5	7,913.455	-42.68	-13.00	29.68	32.37	Н	280.4	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,924.621	-46,54	-13.00	33,54	31,52	٧	359	1
5	7,959.561	-42.70	-13.00	29.70	32,55	V	0.9	1

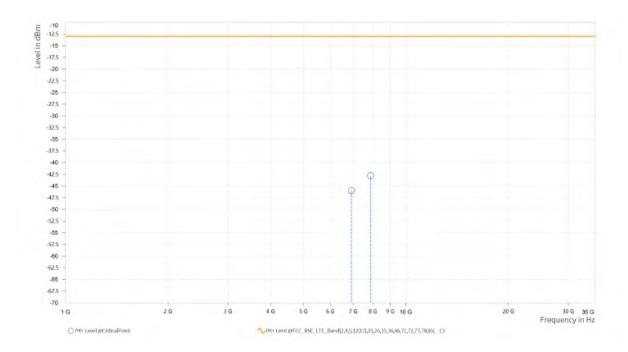




### **CHANNEL BANDWIDTH: 90MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

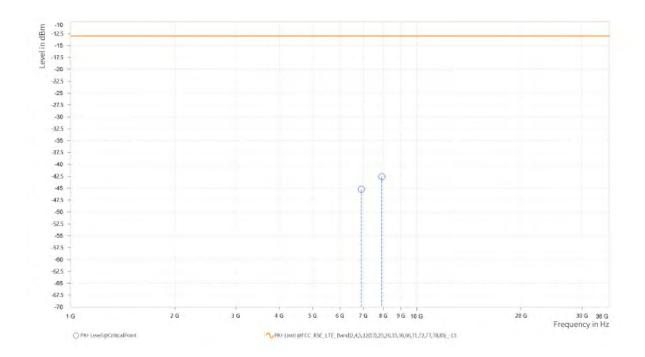
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,913.288	-45.99	-13.00	32.99	31.36	H	1	1
5	7,873.273	-42.81	-13.00	29.81	32.28	H	359	1





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,913.030	-45.23	-13.00	32.23	31.47	٧	359	2
5	7,929.682	-42.58	-13.00	29.58	32.50	٧	359	2

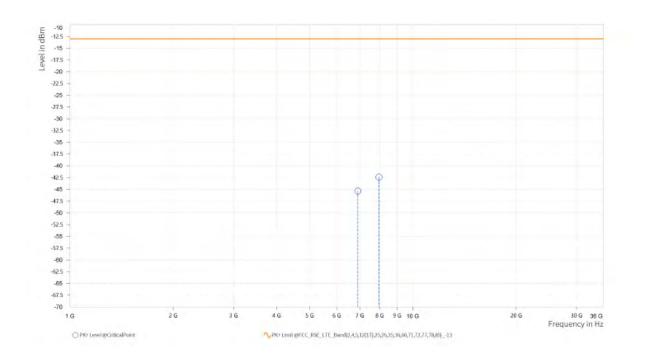




### **CHANNEL BANDWIDTH: 100MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

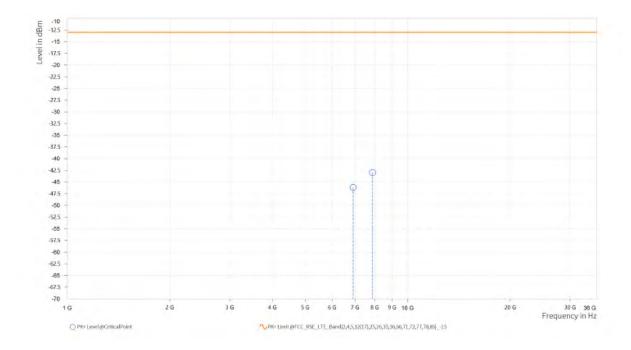
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,909.682	-45.35	-13.00	32.35	31.34	H	1	1
5	7,955.439	-42.43	-13.00	29.43	32.49	Н	359.1	1





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTEN	NA POLARITY & TEST DIS	TANCE: VERTICAL AT 3	М

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,910.970	-46.17	-13.00	33.17	31.46	٧	359	2
5	7,887.439	-42.98	-13.00	29.98	32.43	٧	359	2



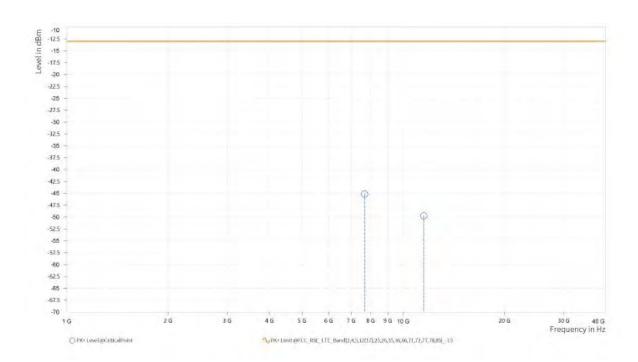


### N77 (Part 270) -HPUE

### **CHANNEL BANDWIDTH: 10MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

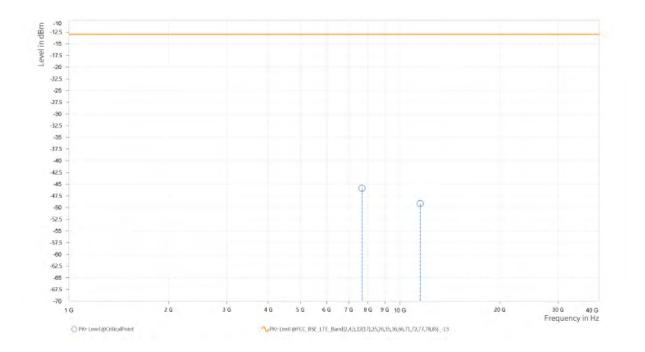
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,671.000	-45.16	-13.00	32.16	31.42	Н	359	2
6	11,506.500	-49.71	-13.00	36.71	23.15	Н	359	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,671.000	-45.91	-13.00	32.91	31.37	V	274.5	1
6	11,506.500	-49.16	-13.00	36.16	23.51	V	352.2	1

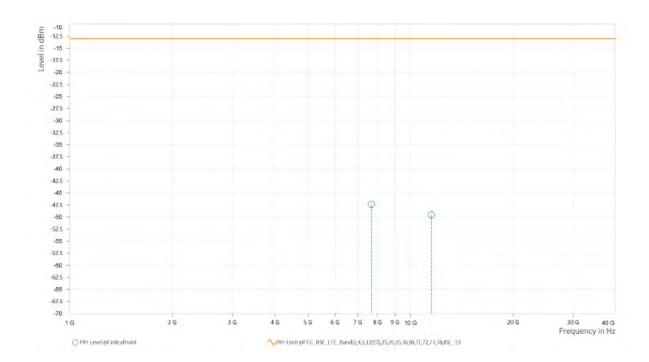




### **CHANNEL BANDWIDTH: 15MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

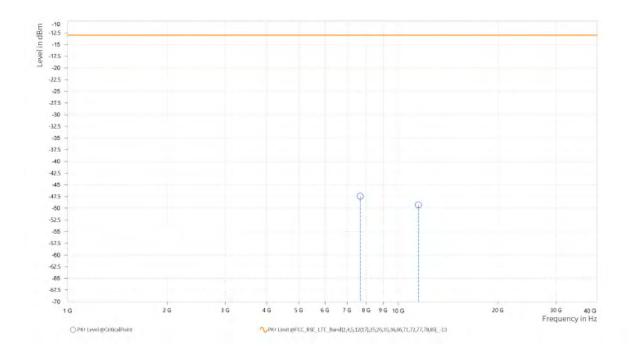
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,666.500	-47.38	-13.00	34.38	31.43	H	83.2	2
6	11,499.750	-49.57	-13.00	36,57	23.11	Н	0.9	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,666.500	-47.45	-13.00	34.45	31.38	٧	84.4	2
6	11,499.500	-49.29	-13.00	36.29	23.46	V	0.9	2

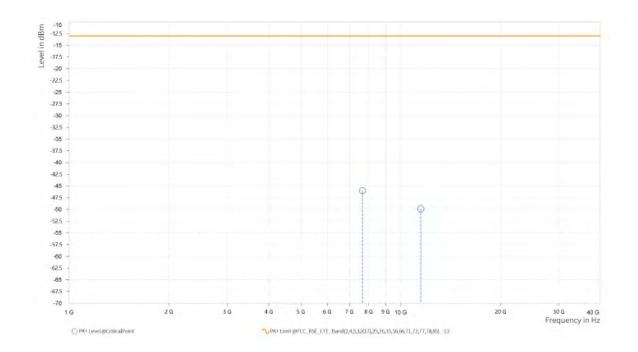




#### **CHANNEL BANDWIDTH: 20MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

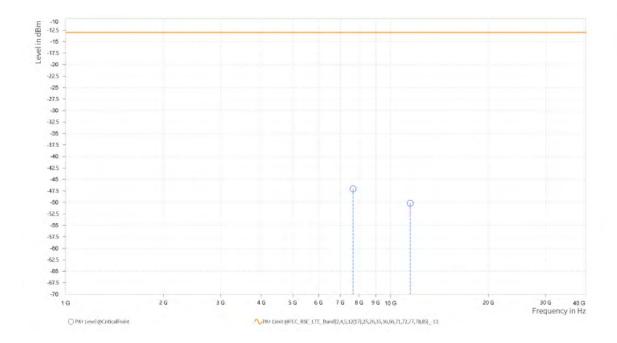
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,662.000	-46.01	-13.00	33.01	31.44	Н	1	1
6	11,493.000	-49.89	-13.00	36.89	23.07	H	0.9	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,662.000	-47.06	-13.00	34.06	31.38	٧	359	2
6	11,493.000	-50.18	-13.00	37.18	23.42	V	0.9	2

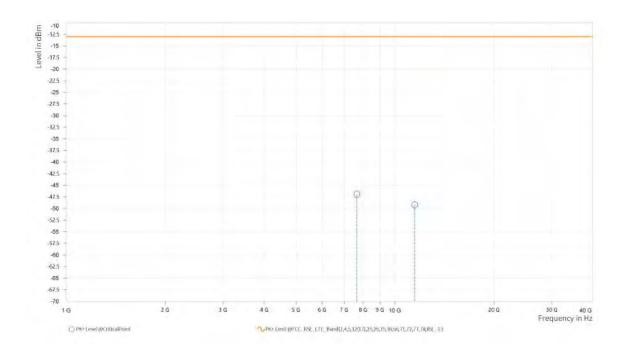




### **CHANNEL BANDWIDTH: 30MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

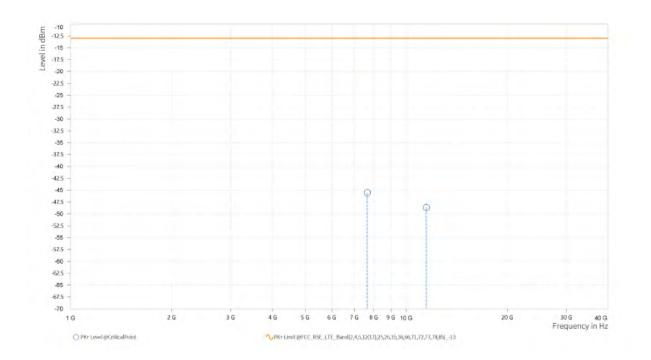
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,653.000	-46.95	-13.00	33.95	31.46	Н	359.1	1
6	11,479.500	-49.20	-13.00	36.20	22.98	Н	353.1	1





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,653.000	-45.54	-13.00	32.54	31.39	V	1	1
6	11,479.500	-48.65	-13.00	35.65	23.34	V	359.1	1

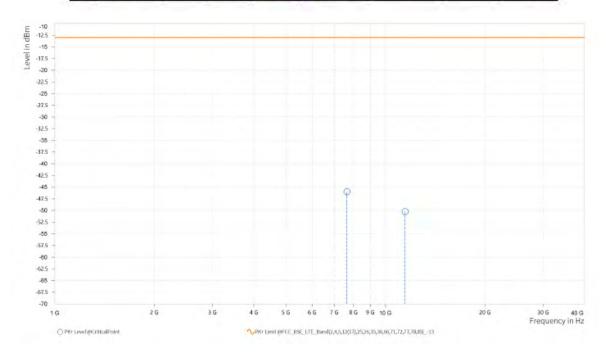




### **CHANNEL BANDWIDTH: 40MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

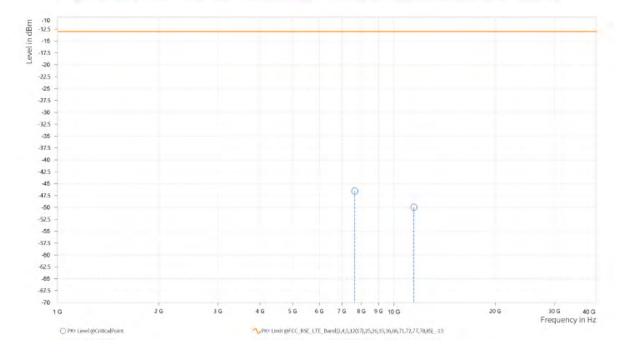
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,644.000	-46.01	-13.00	33.01	31.46	H	1	1
6	11,466.000	-50.27	-13.00	37.27	22.89	Н	352.2	1





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

R	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,643.515	-46.56	-13.00	33.56	31.41	V	359	2
6	11,465.909	-49.95	-13.00	36.95	23.25	V	359	1



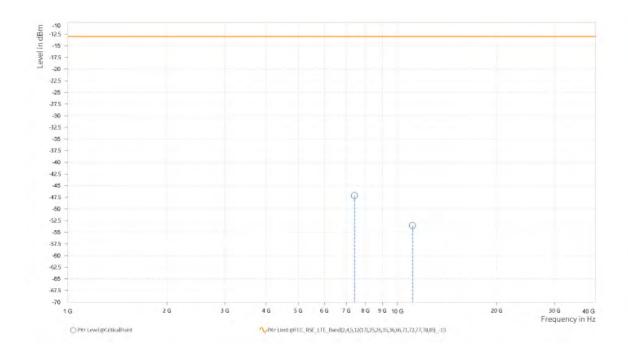


### **CHANNEL BANDWIDTH: 50MHz / QPSK**

### CH648334:

MODE	TX channel 648334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

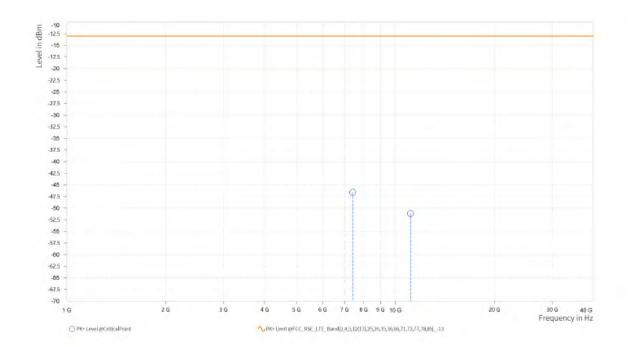
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,406.000	-47.14	-13.00	34.14	31.16	H	0.9	2
6	11,106.500	-53.55	-13.00	40.55	21.55	H	0.9	2





MODE	TX channel 648334	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,406.000	-46.61	-13.00	33.61	31.43	V	359.1	1
6	11,106.500	-51.15	-13.00	38.15	21.77	V	1	1

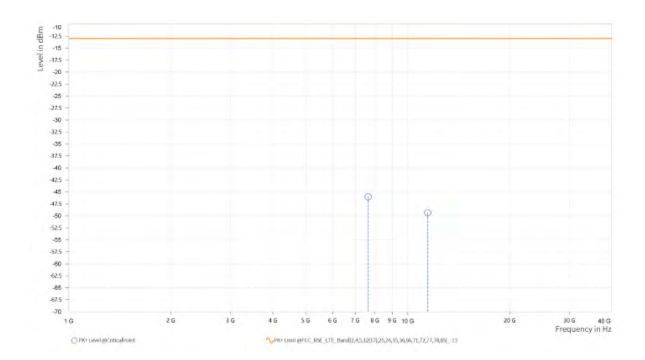




### CH656000:

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

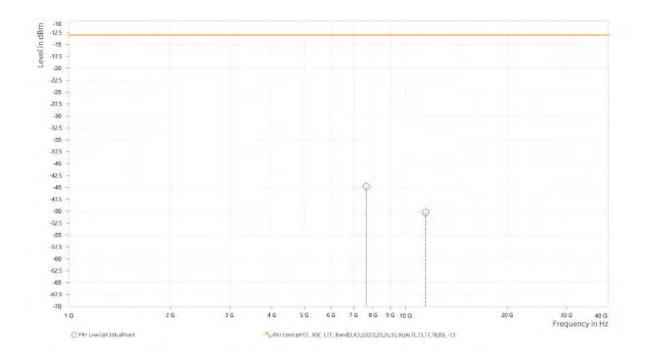
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,636.303	-46.03	-13.00	33.03	31.47	H	1	2
6	11,453.182	-49.34	-13.00	36.34	22.81	Н	1	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	7,636.818	-44.81	-13.00	31.81	31.42	V	353	1
6	11,451.818	-50.26	-13.00	37.26	23.17	V	359	1

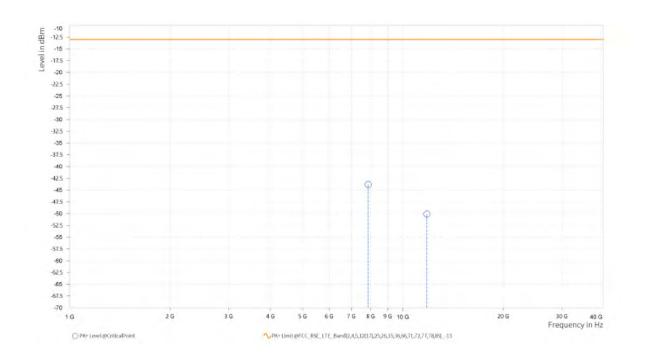




### CH663666:

MODE	TX channel 663666	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

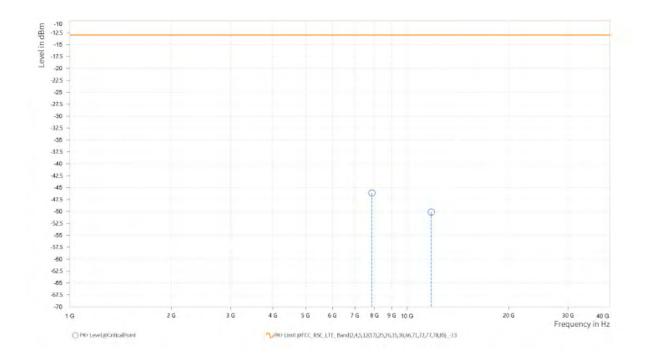
Rg	Frequency [MHz]	PK+ Level [dBm]	the second second	Margin	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,864.000	-43.80	-13.00	30.80	32.27	H	359	1
6	11,798.000	-50.10	-13.00	37.10	23.89	Н	359	1





MODE	TX channel 663666	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,863.500	-46.15	-13.00	33.15	32.39	٧	359	2
6	11,798.000	-50.11	-13.00	37.11	24.32	V	261.4	1

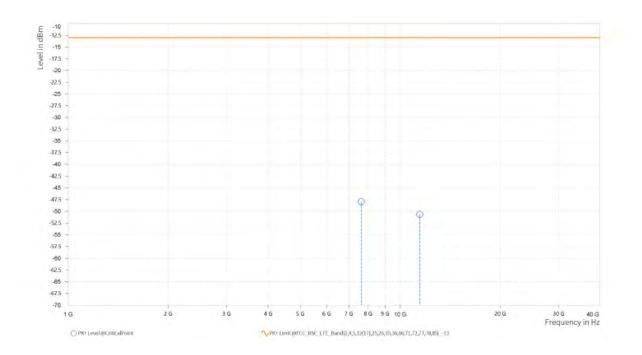




### **CHANNEL BANDWIDTH: 60MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

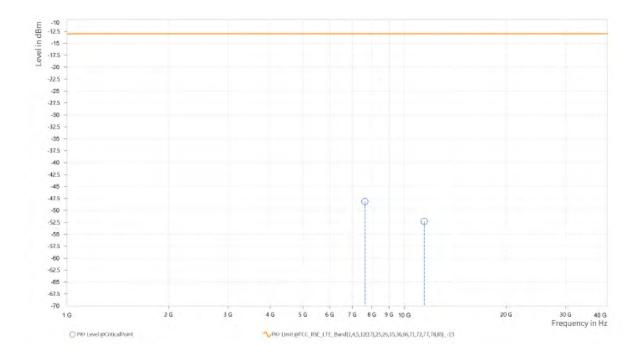
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,625.500	-47.95	-13.00	34.95	31.47	Н	208.7	1
6	11,438.000	-50.66	-13.00	37.66	22.72	Н	1	1





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,626.000	-48.14	-13.00	35.14	31.44	V	1	1
6	11,437.500	-52.31	-13.00	39.31	23.08	V	344.4	1

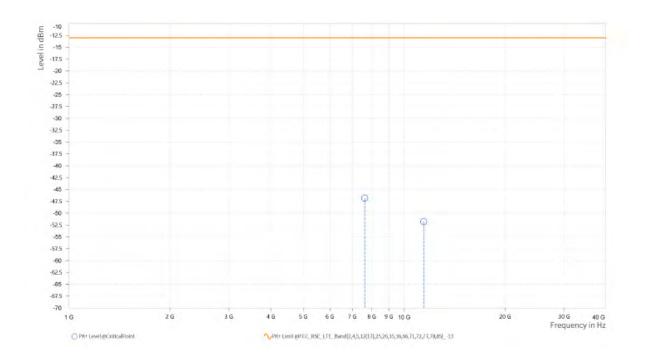




### **CHANNEL BANDWIDTH: 70MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

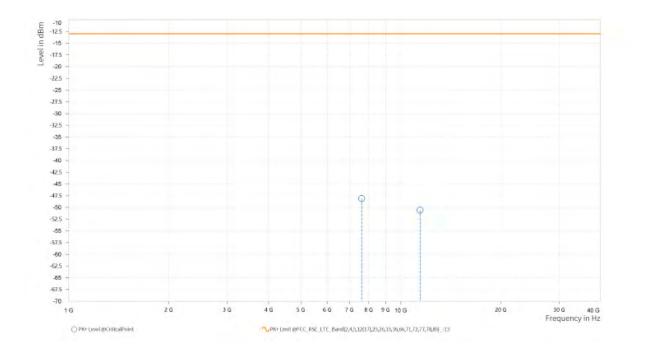
R	Frequency [MHz]	Level	PK+ Limit [dBm]	Margin	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,618.000	-46.82	-13.00	33.82	31.47	Н	207.6	1
6	11,425.000	-51.76	-13.00	38.76	22.64	H	16.3	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,616.500	-48.12	-13.00	35.12	31.46	V	1	1
6	11,424.500	-50.60	-13.00	37.60	22.99	V	359.1	1

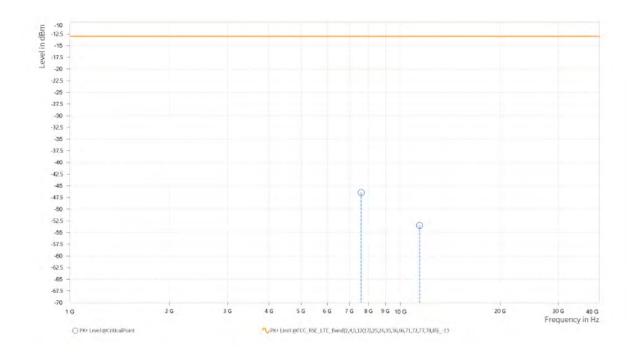




### **CHANNEL BANDWIDTH: 80MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

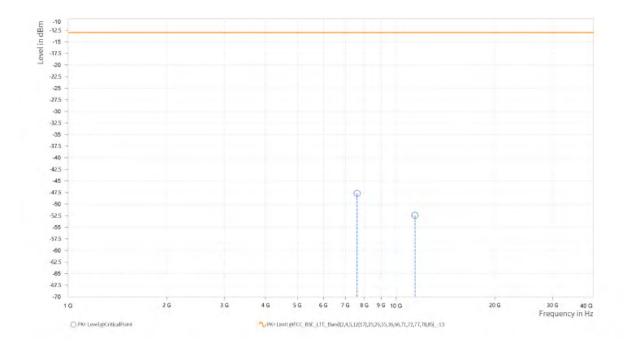
Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,606.000	-46.42	-13.00	33.42	31.47	H	359	1
6	11,411.500	-53.46	-13.00	40.46	22.56	Н	0.9	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,606.500	-47.68	-13,00	34.68	31.48	V	208.7	1
6	11,410.000	-52.44	-13.00	39.44	22.91	V	15	2

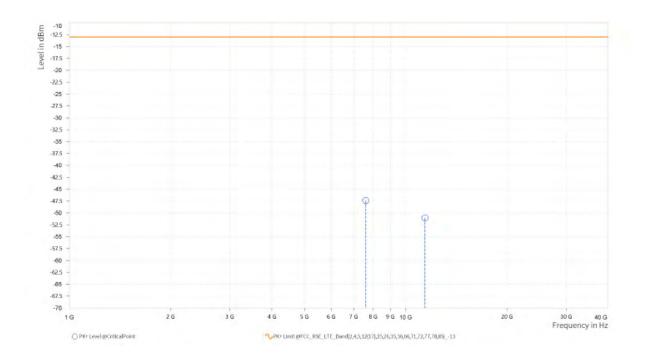




### **CHANNEL BANDWIDTH: 90MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

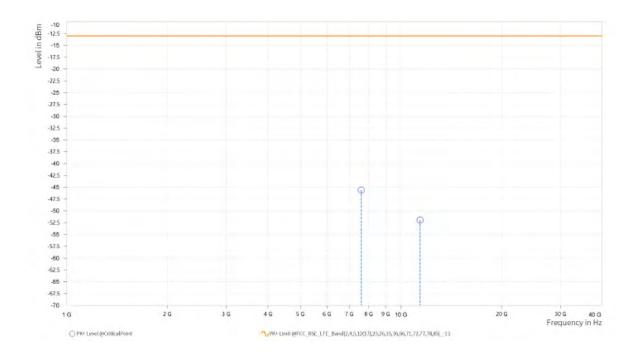
Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	l Azimuth l	Antenna Height [m]
5	7,599.500	-47.41	-13.00	34.41	31.48	Н	359	2
6	11,400.000	-51.06	-13.00	38.06	22.50	Н	359	1





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuith	Antenna Height [m]
5	7,599.000	-45.59	-13.00	32.59	31.50	V	359	2
6	11,399.500	-51.95	-13.00	38.95	22.85	V	262.6	1

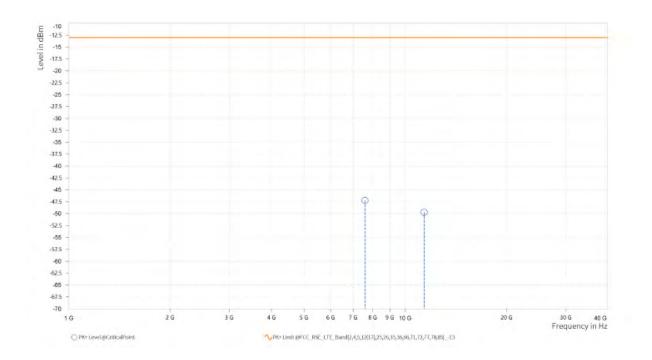




# **CHANNEL BANDWIDTH: 100MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

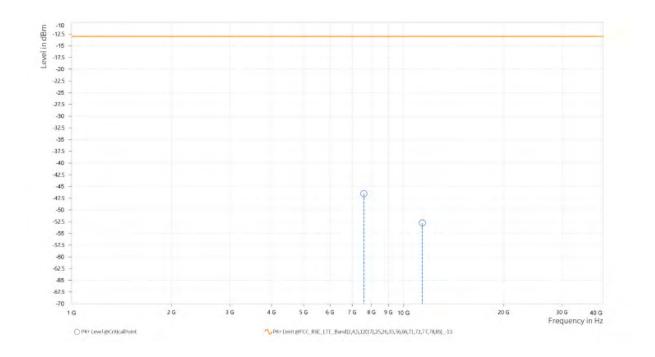
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,590.000	-47.23	-13.00	34.23	31.48	H	150.2	2
6	11,383.500	-49.73	-13.00	36.73	22.41	Н	13.5	2





MODE	TX channel 656000 FREQUENCY RANGE		Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg		PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,590.500	-46.53	-13.00	33.53	31.51	٧	212.2	1
6	11,384.000	-52.79	-13.00	39.79	22.77	٧	353	1





UL\_MIMO:

### **5G SA BELOW 1GHz WORST-CASE DATA**

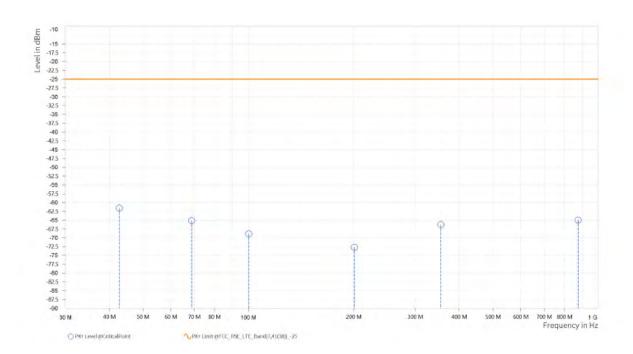
30 MHz - 1GHz data:

N38

**CHANNEL BANDWIDTH: 10MHz / QPSK** 

MODE	TX channel 519000	FREQUENCY RANGE	Below 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

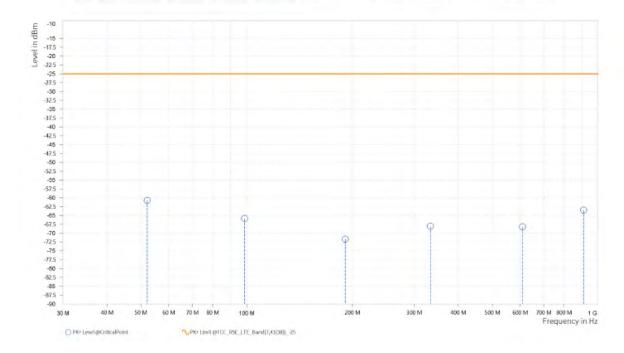
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	42.750	-61.58	-25.00	36.58	2.67	H	181.2	2
1	68.850	-65.15	-25.00	40,15	0.61	H	34.2	2
1	100.200	-68.84	-25.00	43.84	0.23	H	1	2
1	200.850	-72.70	-25.00	47.70	-1.44	H	177.8	1
1	354.650	-66.29	-25.00	41.29	6.44	H	1	2
2	874.829	-64.95	-25.00	39.95	13.20	H	358.3	1





MODE	TX channel 519000	FREQUENCY RANGE	Below 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	52.100	-60.76	-25.00	35.76	5,29	V	5.2	1
1	98.650	-65.87	-25.00	40.87	4.70	V	179	1
1	190.800	-71.68	-25.00	46.68	-0,19	V	326	1
1	333.200	-68.06	-25.00	43.06	5.52	V	359.1	1
2	609.500	-68.19	-25.00	43.19	8.57	V	247	2
2	908.700	-63.51	-25.00	38.51	14.74	٧	105.9	2





### **ABOVE 1GHz**

**Note:** For higher frequency, the emission is too low to be detected.

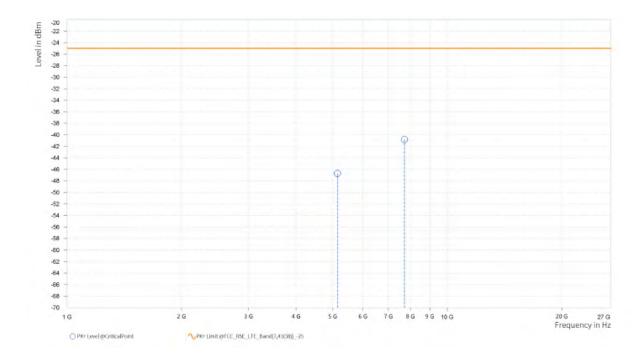
N38

**CHANNEL BANDWIDTH: 10MHz / QPSK** 

### CH515000:

MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu	ice Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

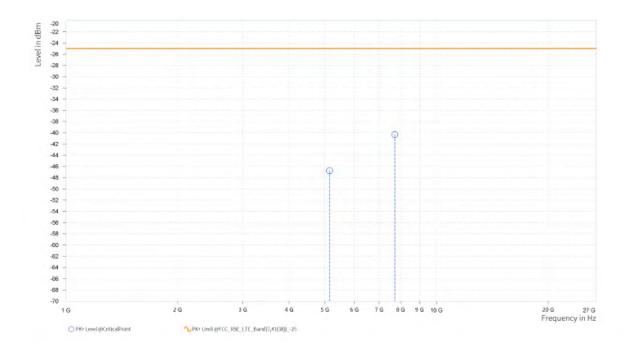
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,141.000	-46.72	-25.00	21,72	27,26	Н	359.1	1
5	7,711.000	-40.80	-25.00	15.80	31.57	Н	23.6	2





MODE	TX channel 515000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
4	5,141.000	-46.75	-25.00	21.75	27.14	٧	319.9	1
5	7,712.000	-40.32	-25.00	15.32	31.56	٧	21.4	2

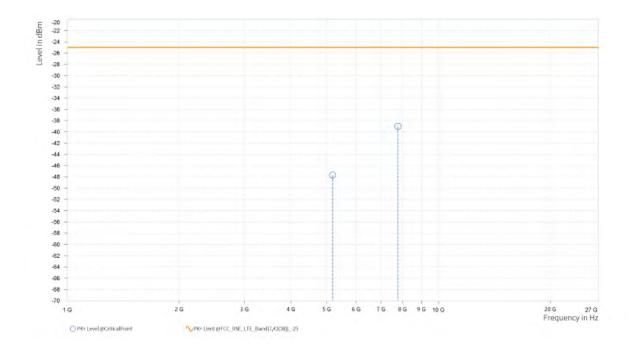




### CH519000:

MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

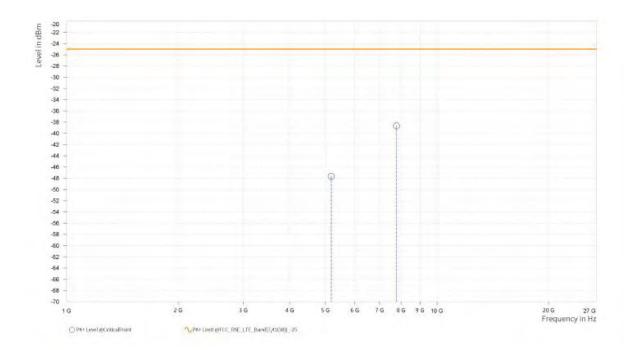
Rg	Frequency [MHz]		PK+ Limit [dBm]	Margin	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,181.000	-47.69	-25.00	22.69	27.53	Н	1	1
5	7,771.500	-39.03	-25.00	14.03	31.87	θ.	23.6	2





MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,181.000	-47.64	-25.00	22.64	27,47	٧	156.2	1
5	7,771.500	-38.66	-25.00	13.66	31.91	٧	336.6	1

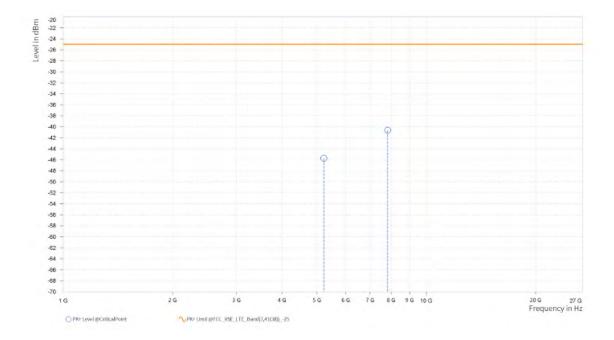




### CH523000:

MODE	TX channel 523000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

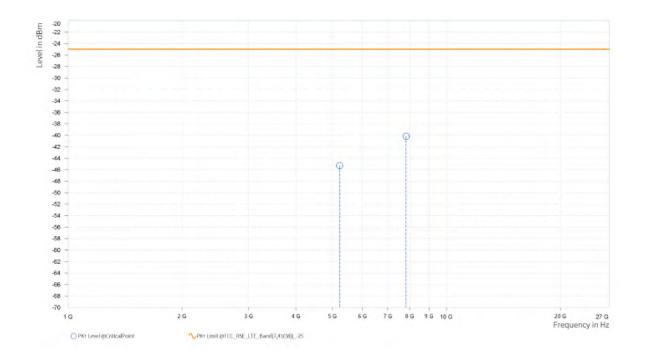
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,221.000	-45.73	-25.00	20.73	27.80	H	1	1
5	7,831.500	-40.62	-25.00	15.62	32.16	H	359	2





MODE	TX channel 523000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,221.000	-45.29	-25.00	20.29	27.79	٧	0.9	2
5	7,831.500	-40.16	-25.00	15.16	32.25	٧	1	1

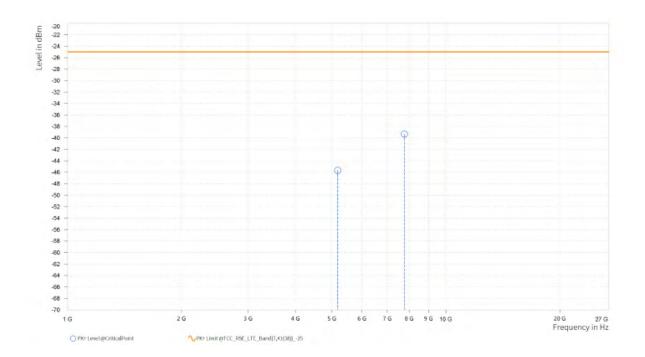




# **CHANNEL BANDWIDTH: 15MHz / QPSK**

MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

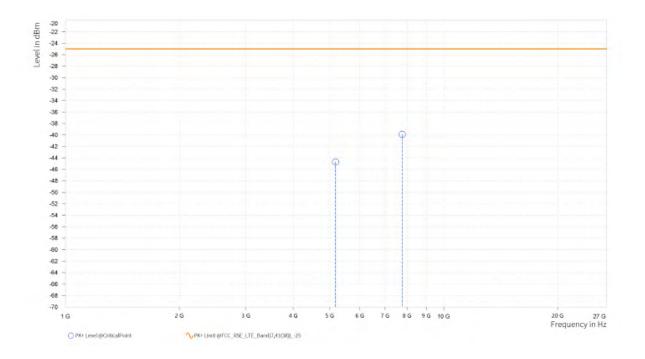
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
4	5,176.000	-45.66	-25.00	20.66	27.48	Ι	201.4	2
5	7,765.000	-39.32	-25.00	14.32	31.83	Н	0.9	2





MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ					
TESTED BY	Jace Hu							
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,175.000	-44.68	-25.00	19.68	27.40	٧	202.6	2
5	7,764.000	-39.88	-25.00	14.88	31.86	٧	150.1	2

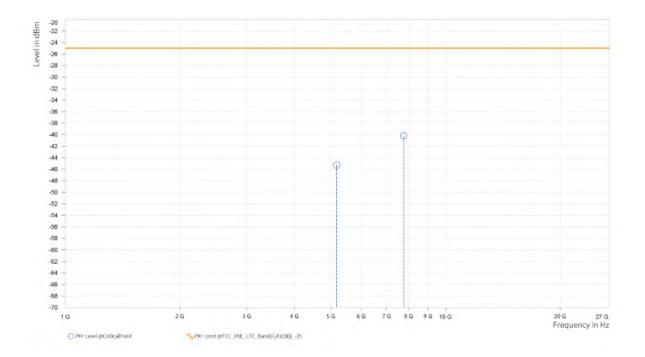




### **CHANNEL BANDWIDTH: 20MHz / QPSK**

MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTEN	INA POLARITY & TEST DIS	STANCE: HORIZONTAL A	Т 3 М

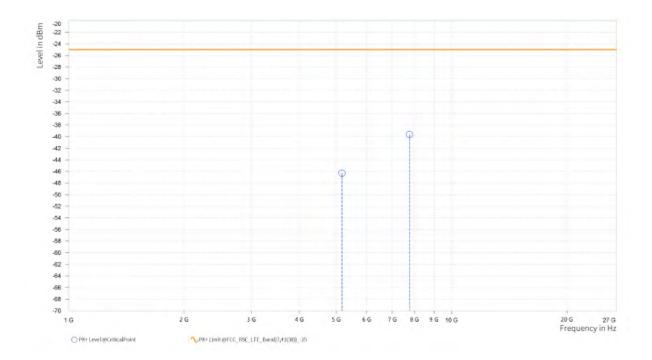
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,171.000	-45.25	-25.00	20.25	27.43	Н	359.1	1
5	7,758.000	-40.19	-25.00	15.19	31.80	H	337.6	1





MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ					
TESTED BY	Jace Hu							
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

Rg		Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	AZIMITT	Antenna Height [m]
4	5,172.000	-46.28	-25.00	21.28	27.37	٧	359	1
5	7,758.000	-39.62	-25.00	14.62	31.83	٧	359	1

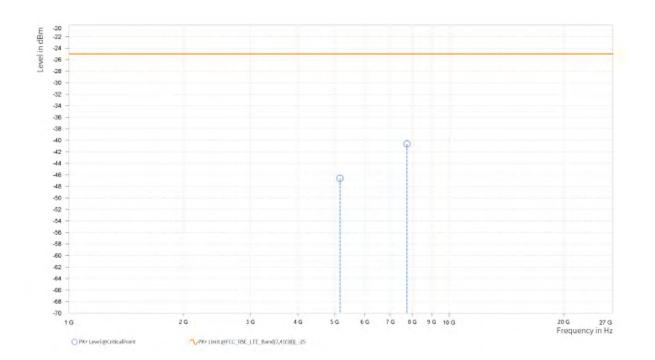




# **CHANNEL BANDWIDTH: 30MHz / QPSK**

MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ					
TESTED BY	Jace Hu							
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

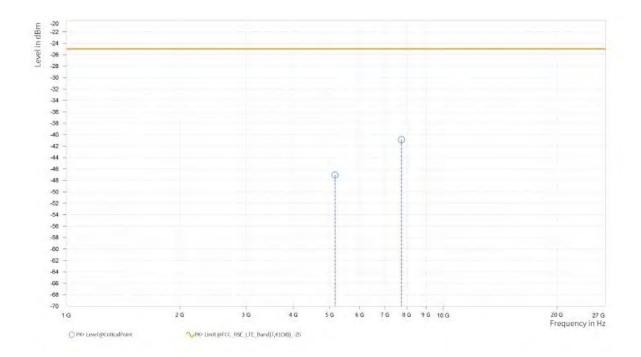
Rg		Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,163.000	-46.59	-25.00	21.59	27.36	Н	343.8	1
5	7,744.000	-40.62	-25.00	15.62	31.73	Н	353	1





MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ					
TESTED BY	Jace Hu							
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

Rg		Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,163.000	-47.06	-25.00	22.06	27.27	V	319.9	1
5	7,745.000	-40.86	-25.00	15.86	31.75	٧	207.5	1

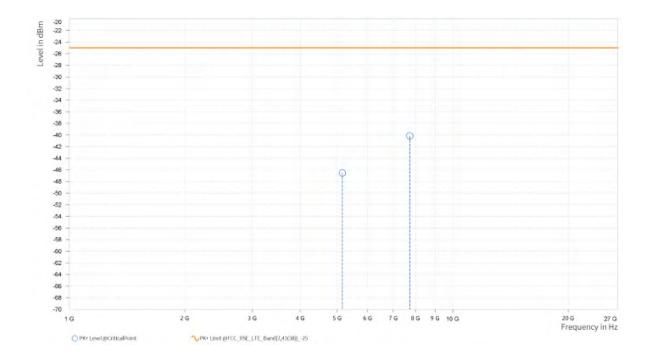




### **CHANNEL BANDWIDTH: 40MHz / QPSK**

MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

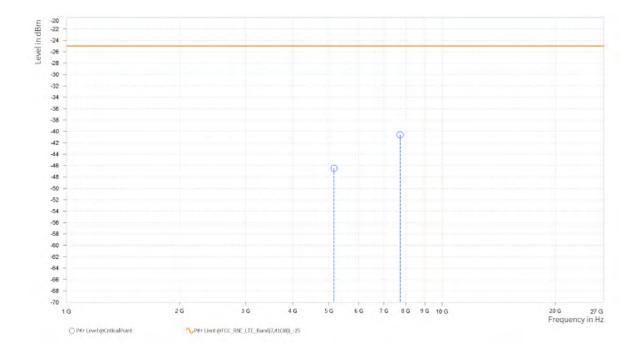
Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,154.000	-46.55	-25.00	21.55	27.32	H	359	2
5	7,730.000	-40.15	-25.00	15.15	31.66	Н	1	1





MODE	TX channel 519000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimilith	Antenna Height [m]
4	5,154.000	-46.45	-25.00	21.45	27.22	V	0.8	2
5	7,731.000	-40.59	-25.00	15.59	31.67	٧	1	1





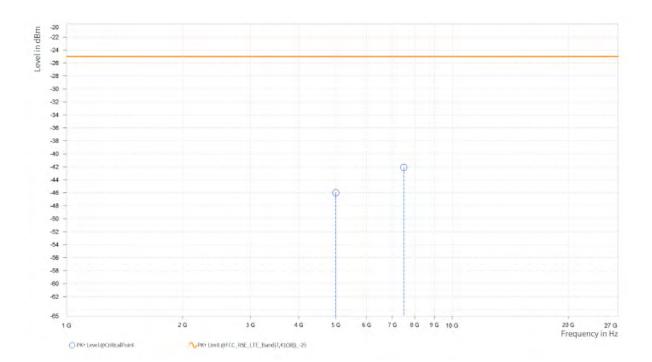
#### N41

**CHANNEL BANDWIDTH: 20MHz / QPSK** 

#### CH 501204:

MODE	TX channel 501204	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

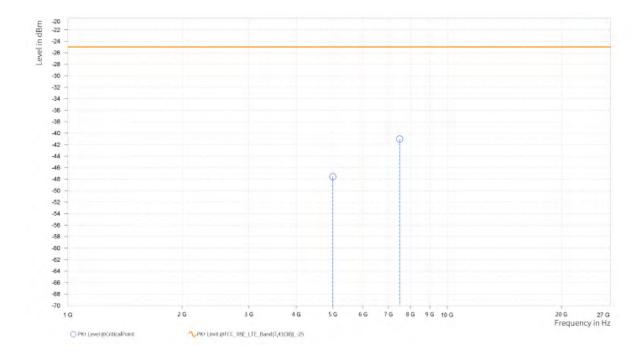
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,994.000	-46.00	-25.00	21.00	26.89	H	359	2
5	7,491.000	-42.09	-25.00	17.09	31.43	Н	- 1	2





MODE	TX channel 501204	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,994.000	-47.56	-25.00	22.56	26.76	٧	153.8	2
5	7,492.000	-41.02	-25.00	16.02	31.62	٧	359	2

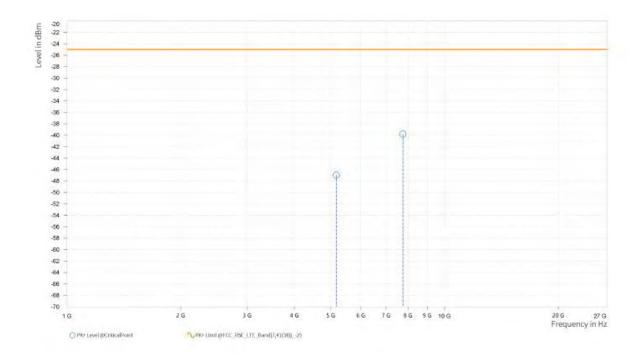




#### CH 518598:

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ					
TESTED BY	Jace Hu							
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

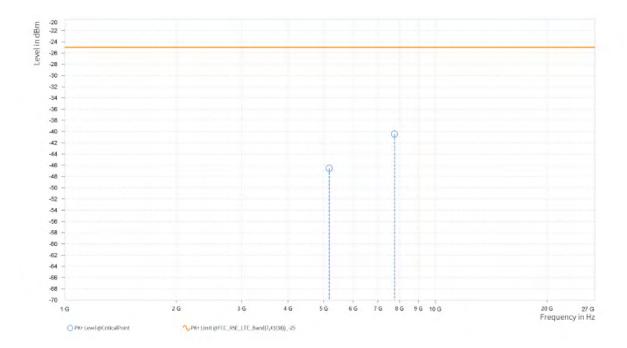
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,168.000	-46.98	-25.00	21.98	27.40	Н	195.5	2
5	7,752.000	-39.82	-25.00	14.82	31.77	Н	212.2	1





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg			PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,168.000	-46.54	-25.00	21.54	27.32	٧	35.4	2
5	7,752.000	-40.41	-25.00	15.41	31.79	٧	359.1	1

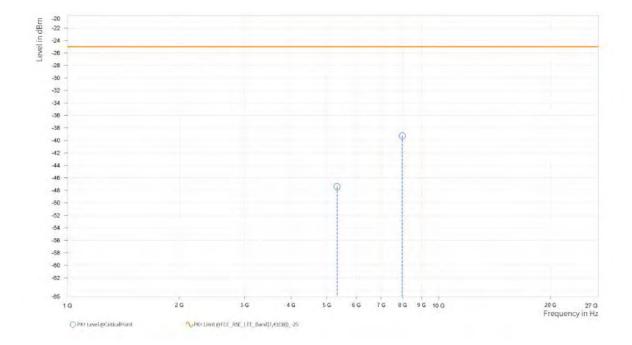




### CH 535998:

MODE	TX channel 535998	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

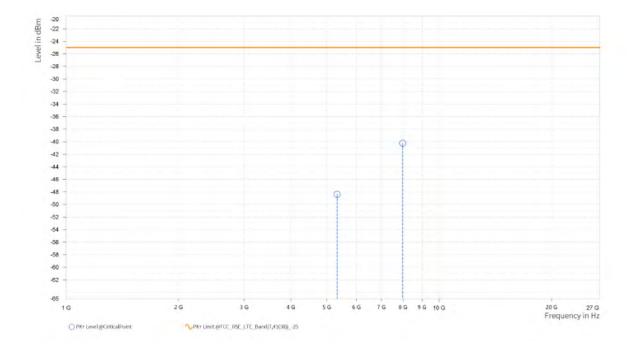
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,322.000	-47.41	-25.00	22,41	27.22	H	1	2
5	7,983.000	-39,27	-25.00	14.27	32.57	Н	359	2





MODE	TX channel 535998	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY							
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,322.000	-48.37	-25.00	23,37	27,09	٧	1	2
5	7,984.000	-40.24	-25.00	15,24	32.60	٧	208.7	2

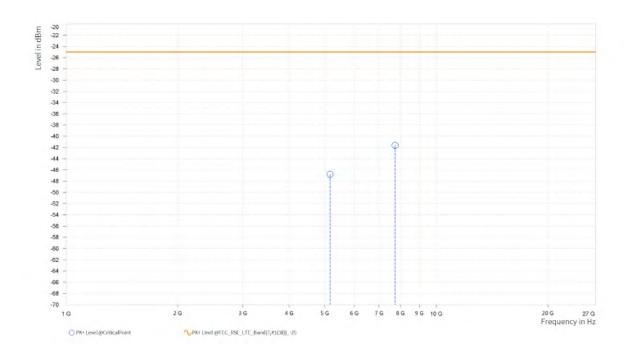




# CHANNEL BANDWIDTH: 30MHz / QPSK

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

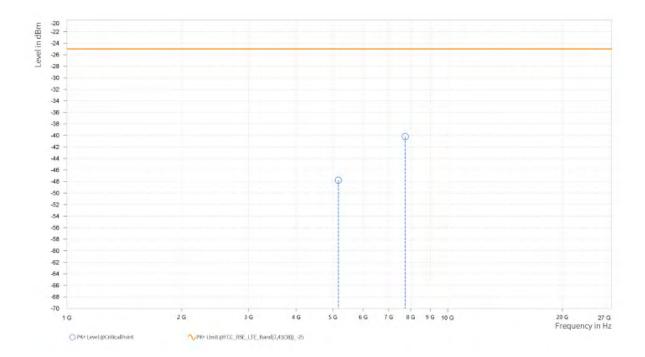
Rg			PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimith	Antenna Height [m]
4	5,159.000	-46.78	-25.00	21.78	27.34	Ι	324.7	2
5	7,738.500	-41.63	-25.00	16.63	31.70	Н	211.1	2





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,159.000	-47.76	-25.00	22.76	27.25	٧	325.8	1
5	7,738.500	-40,21	-25.00	15.21	31.71	V	341.4	2

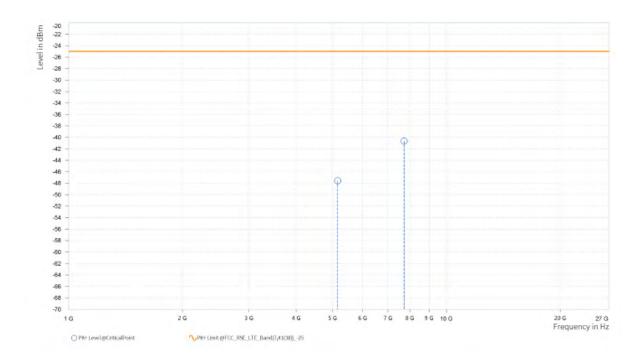




# **CHANNEL BANDWIDTH: 40MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

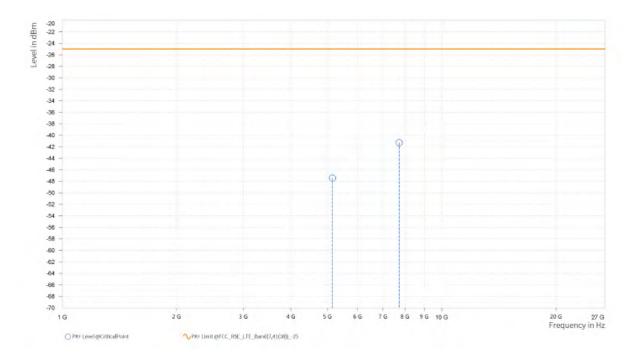
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,150.000	-47.58	-25.00	22.58	27.30	Н	348.7	2
5	7,725.000	-40.63	-25.00	15.63	31.64	H	245.8	2





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,150.000	-47.44	-25.00	22.44	27.19	٧	1	1
5	7,725.000	-41.28	-25.00	16.28	31.63	٧	1	1

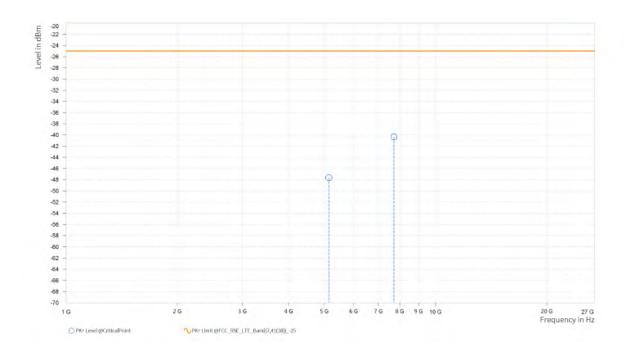




# **CHANNEL BANDWIDTH: 50MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

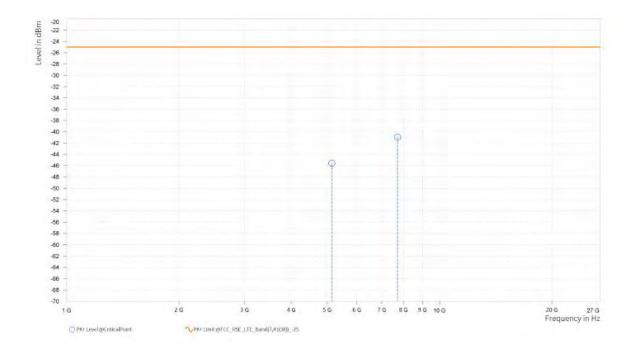
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,141.000	-47.62	-25.00	22.62	27.26	H	156.2	2
5	7,711.500	-40.35	-25.00	15.35	31.57	H	1	2





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
4	5,141.000	-45.56	-25.00	20.56	27.14	٧	158.6	1
5	7,711.500	-40.95	-25.00	15.95	31.56	٧	213.4	2

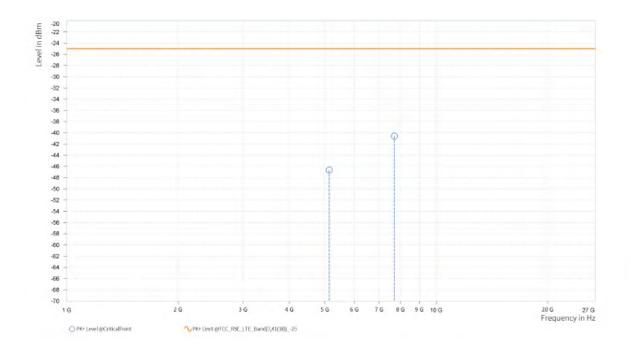




### **CHANNEL BANDWIDTH: 60MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTEN	NA POLARITY & TEST DIS	TANCE: HORIZONTAL A	Т 3 М

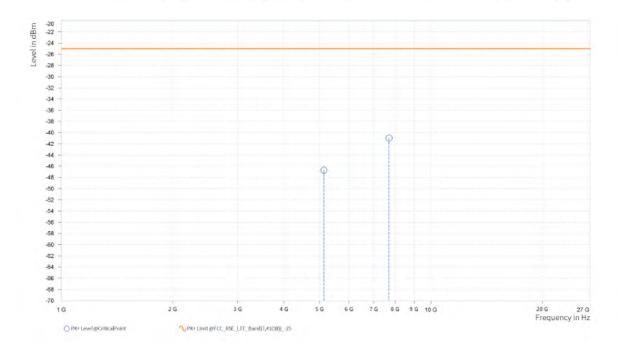
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,132.000	-46.65	-25.00	21,65	27.22	Н	1	2
5	7,698.000	-40.58	-25.00	15.58	31.50	Н	334.2	2





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,132.000	-46.69	-25.00	21.69	27.08	V	359	2
5	7,698.000	-40.97	-25.00	15.97	31.48	V	359	2

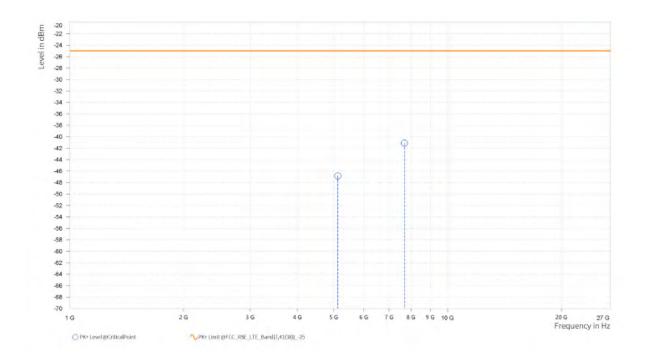




# **CHANNEL BANDWIDTH: 70MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

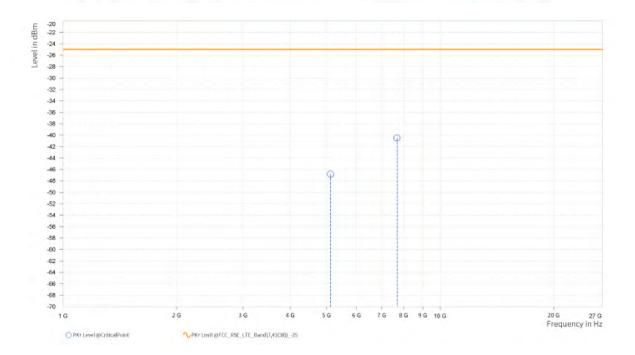
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,123.000	-46.83	-25.00	21.83	27.17	H	156.2	1
5	7,684.500	-41.11	-25.00	16.11	31.43	H	338.6	1





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,123.000	-46.82	-25.00	21.82	27.03	٧	1	1
5	7,684.500	-40.46	-25.00	15.46	31.40	V	343.7	1

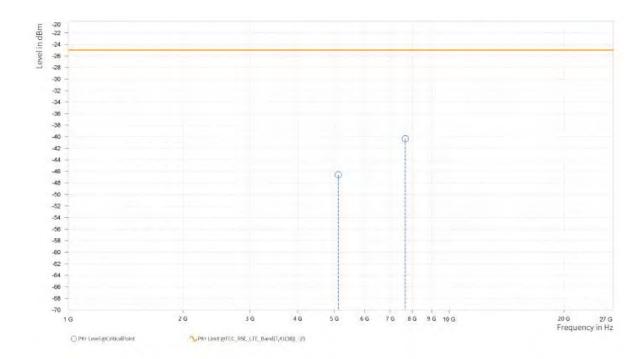




### **CHANNEL BANDWIDTH: 80MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

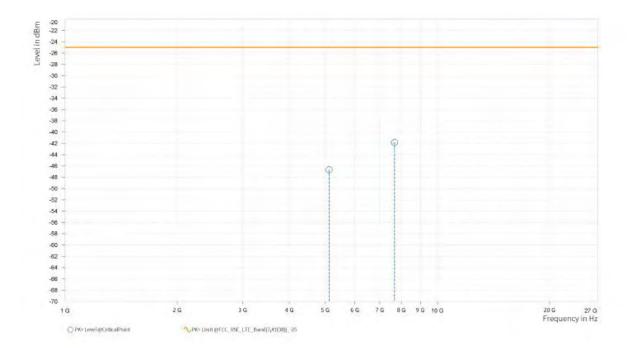
Rg		Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,114.000	-46.59	-25.00	21.59	27.13	H	158.6	1
5	7,671.000	-40.35	-25.00	15.35	31.42	H	359	1





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTE	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	Margin	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,114.000	-46.67	-25.00	21.67	26.97	٧	200.2	2
5	7,671.000	-41.84	-25.00	16.84	31.37	V	18.6	2

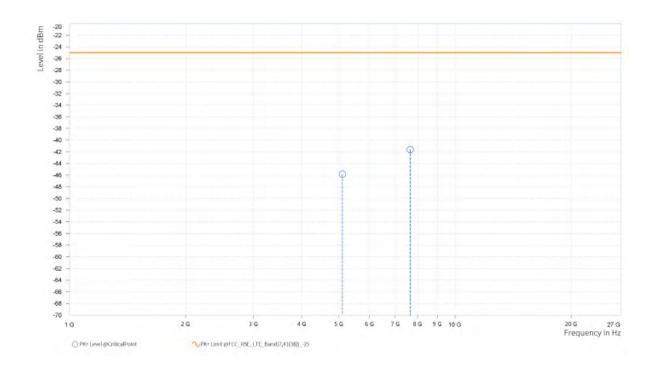




## **CHANNEL BANDWIDTH: 90MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

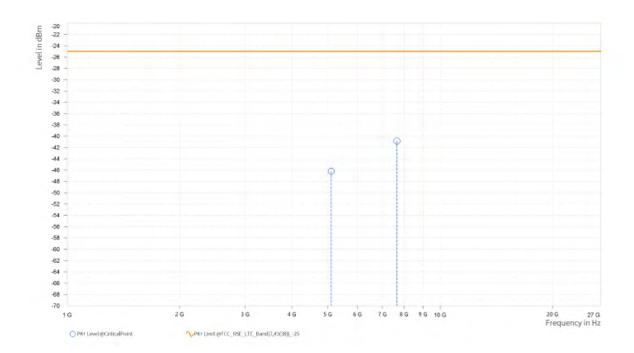
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,105.000	-45.85	-25.00	20.85	27.09	H	0.8	2
5	7,657.000	-41.61	-25.00	16.61	31.45	H	336.5	1





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,105.000	-46.20	-25.00	21.20	26.92	٧	156.2	2
5	7,656.000	-40.85	-25.00	15.85	31.39	٧	209.8	2

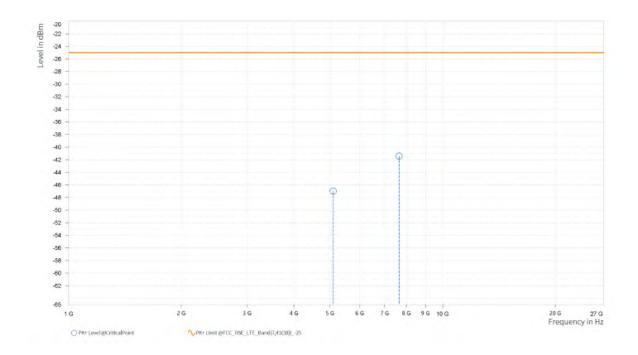




## **CHANNEL BANDWIDTH: 100MHz / QPSK**

MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTEN	NA POLARITY & TEST DIS	TANCE: HORIZONTAL A	Т 3 М

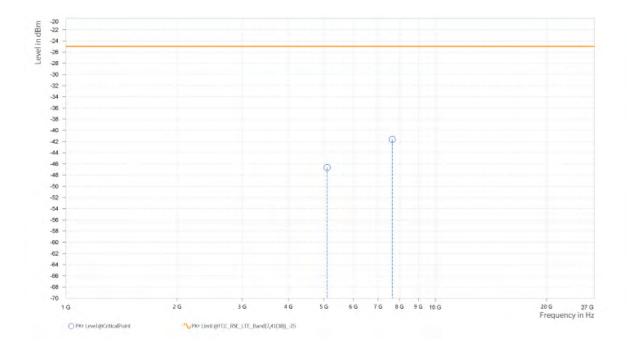
Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,096.000	-46.99	-25.00	21.99	27.05	Н	156.2	2
5	7,644.000	-41.42	-25.00	16.42	31.46	Н	334.2	2





MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,096.000	-46.64	-25.00	21.64	26.87	٧	156.2	2
5	7,645.000	-41.62	-25.00	16.62	31.41	٧	212.3	2





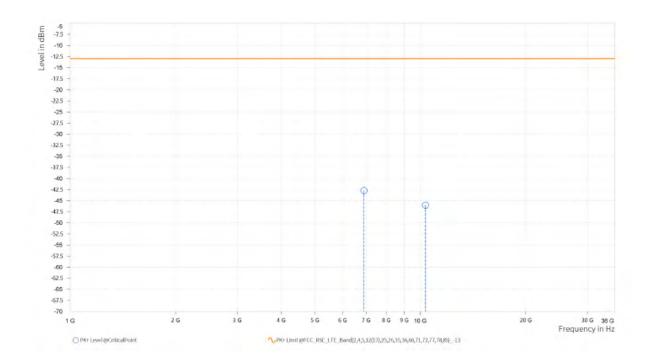
N77 (Part 27Q)

**CHANNEL BANDWIDTH: 10MHz / QPSK** 

## CH630334:

MODE	TX channel 630334	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTENN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

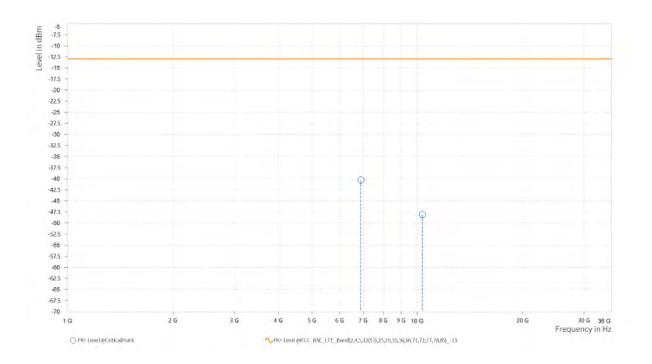
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,901.000	-42.71	-13.00	29.71	31.31	Н	211	2
6	10,351.500	-46.02	-13.00	33.02	22.15	Н	359.1	2





MODE	TX channel 630334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg		Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,901.000	-40.31	-13.00	27.31	31.41	٧	1	1
6	10,351.500	-48.07	-13.00	35.07	22,44	V	359.1	2

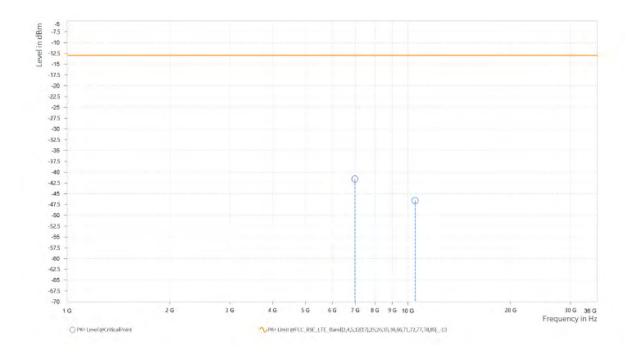




## CH633334:

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

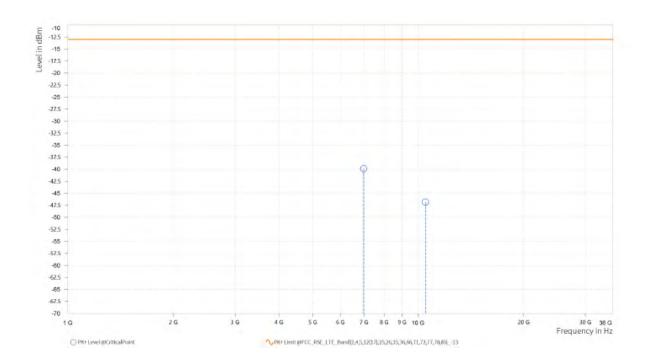
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	6,991.000	-41.61	-13.00	28.61	31.71	H	359.1	1
6	10,486.500	-46.57	-13.00	33.57	22.35	H	10.6	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,991.000	-39.90	-13.00	26.90	31.80	٧	1	1
6	10,487.000	-46.81	-13.00	33.81	22.43	V	1	1

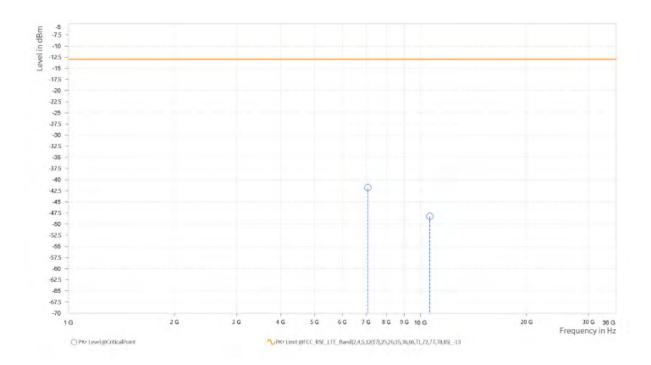




#### CH636332:

MODE	TX channel 636332	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENN	A POLARITY & TEST DIST	ANCE: HORIZONTAL AT	3 M

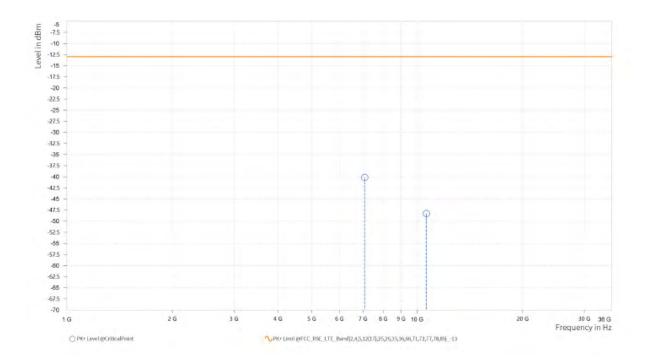
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,081.000	-41.79	-13.00	28.79	32.06	H	359.1	2
6	10,621.500	-48.25	-13.00	35.25	22.17	Н	350	2





MODE	TX channel 636332	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTEN	NA POLARITY & TEST DIS	STANCE: VERTICAL AT 3	М

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,081.000	-40.14	-13.00	27.14	32.15	٧	340.5	1
6	10,621.500	-48.29	-13.00	35.29	22.12	V	1	2

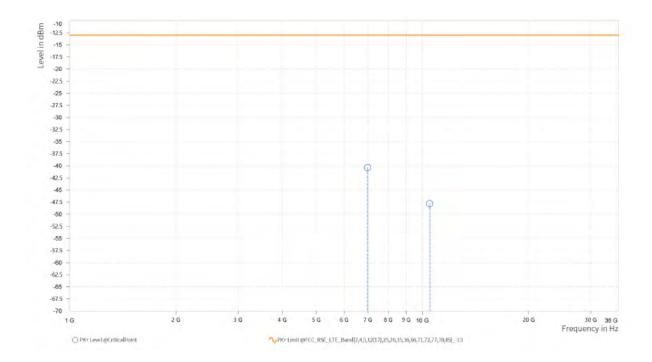




## **CHANNEL BANDWIDTH: 15MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

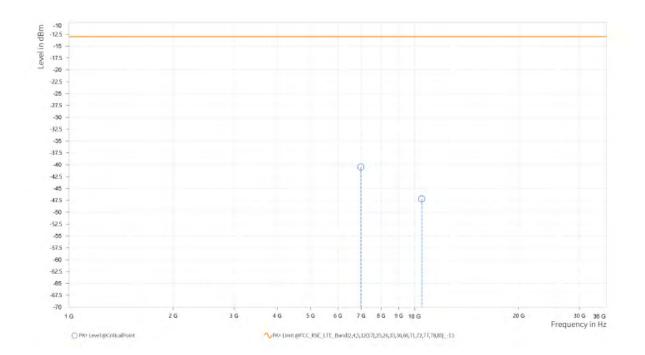
Rg	Frequency [MHz]	the state of the s	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,987.000	-40.36	-13.00	27.36	31.69	Н	208.7	2
6	10,480.000	-47.79	-13.00	34.79	22.37	Н	1	2





MODE	TX channel 633334 FREQUENCY RAN		Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,987.000	-40.47	-13.00	27.47	31.78	٧	206.3	2
6	10,479.000	-47.20	-13.00	34.20	22.47	V	1	2

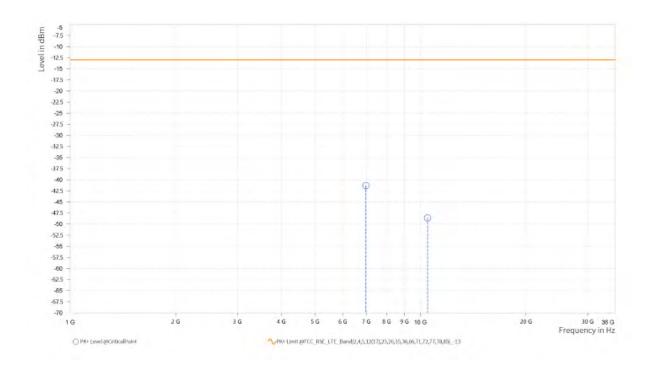




## **CHANNEL BANDWIDTH: 20MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

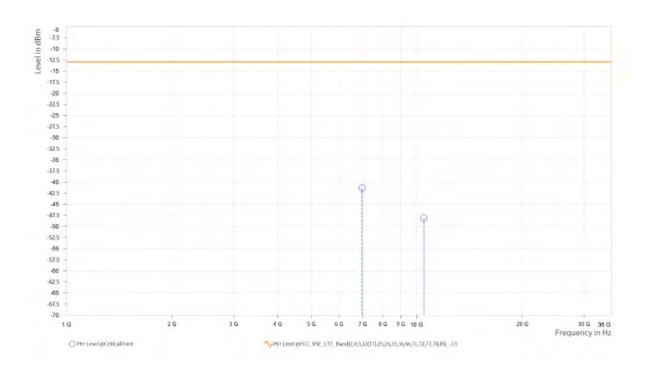
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	6,982.000	-41.30	-13.00	28.30	31.67	Н	338.6	2
6	10,473.000	-48.60	-13.00	35.60	22.39	H	1	2





MODE	TX channel 633334 FREQUENCY RANG		Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,982.000	-41.36	-13.00	28.36	31.76	V	359.1	1
6	10,473.000	-48.08	-13.00	35.08	22.49	V	359.1	1

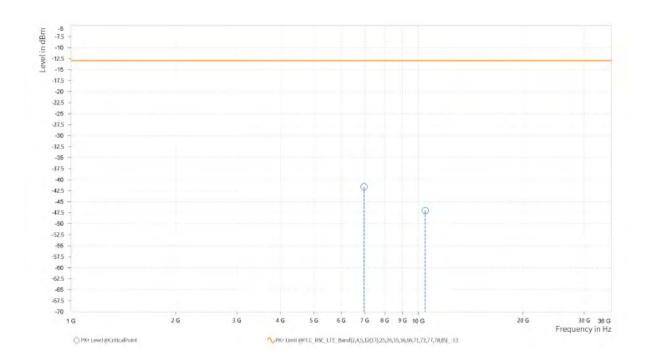




## **CHANNEL BANDWIDTH: 30MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTENN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

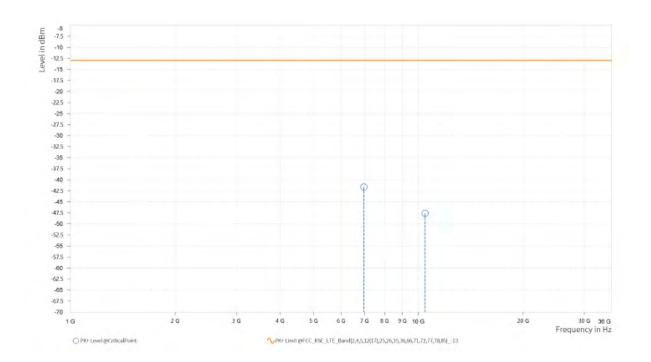
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,973.000	-41.61	-13.00	28.61	31.63	Н	359.1	1
6	10,459.000	-47.01	-13.00	34,01	22.43	н	1	2





MODE	TX channel 633334	TX channel 633334 FREQUENCY RANGE Ab			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg			PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	6,973.000	-41.63	-13.00	28.63	31.72	>	359.1	2
6	10,459.500	-47.60	-13.00	34.60	22.55	٧	266.1	1

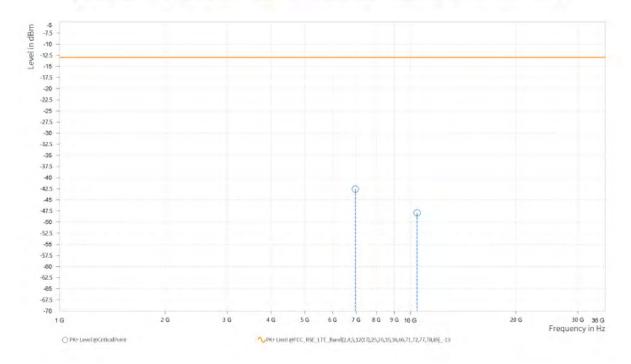




## **CHANNEL BANDWIDTH: 40MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

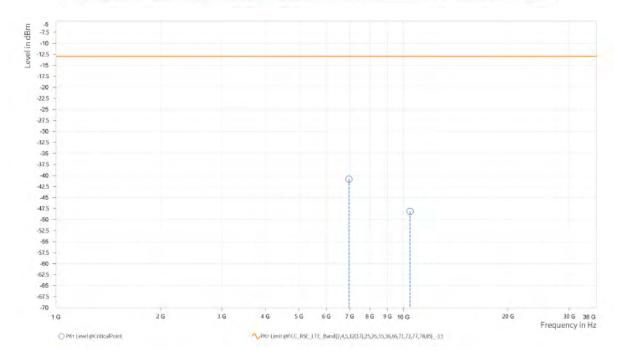
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,964.000	-42.57	-13.00	29.57	31.59	H	245.8	2
6	10,446.000	-47.94	-13.00	34.94	22.46	H	1	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	The second secon	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,964.000	-40.83	-13.00	27.83	31.68	٧	1	1
6	10,446.000	-48.15	-13.00	35.15	22.61	٧	264.9	2

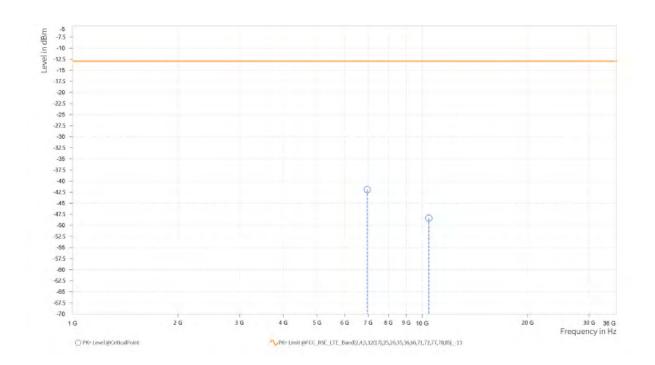




## **CHANNEL BANDWIDTH: 50MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

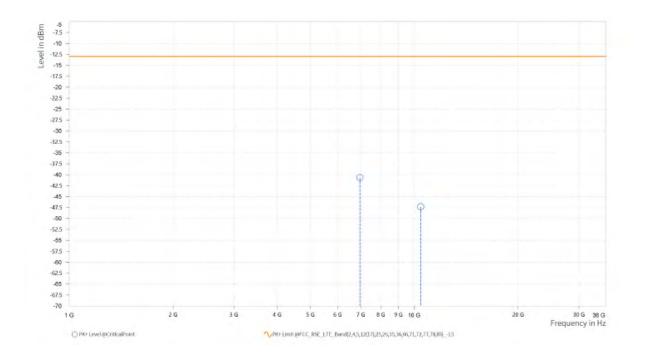
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	l Azimuth l	Antenna Height [m]
5	6,955.000	-41.92	-13.00	28.92	31.55	Н	338.6	2
6	10,432.500	-48.38	-13.00	35.38	22.43	Н	264.9	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,955.000	-40.65	-13.00	27.65	31.64	٧	1	1
6	10,432.500	-47.35	-13.00	34.35	22.60	V	359.1	2

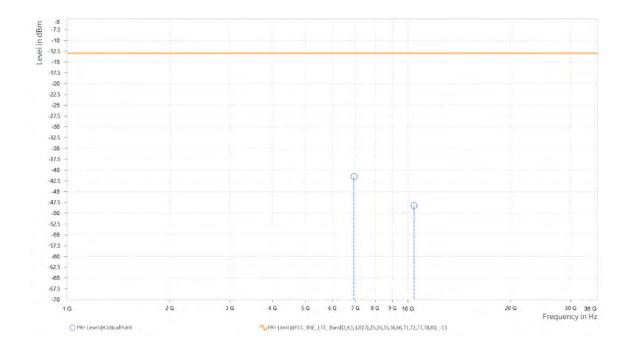




## **CHANNEL BANDWIDTH: 60MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

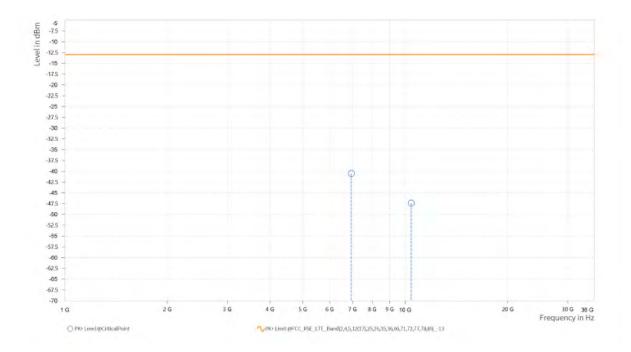
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,946.000	-41.52	-13.00	28.52	31.51	H	1	1
6	10,419.000	-48.24	-13.00	35,24	22.38	H	1	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,946.000	-40.50	-13.00	27.50	31.61	V	1	2
6	10,419.000	-47.39	-13.00	34.39	22.57	٧	1	2

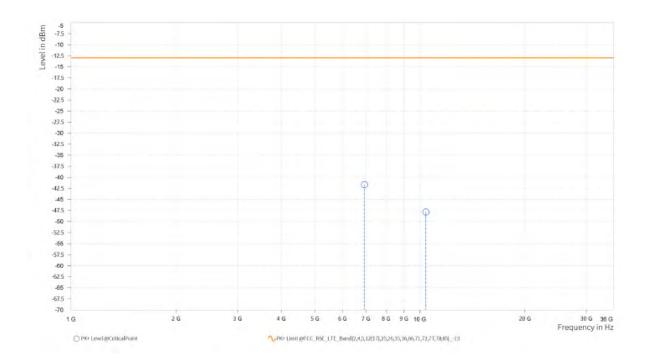




## **CHANNEL BANDWIDTH: 70MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

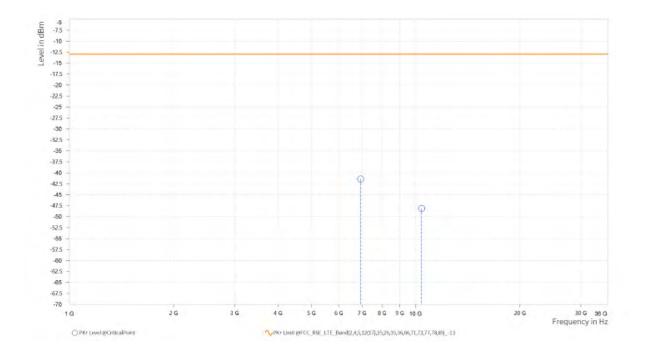
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,937.000	-41.68	-13.00	28.68	31.47	Н	359	1
6	10,405.500	-47.83	-13.00	34.83	22.34	Н	359	1





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	6,937.000	-41.44	-13.00	28.44	31.57	V	1	2
6	10,405.500	-48.16	-13.00	35.16	22.54	٧	359.1	1

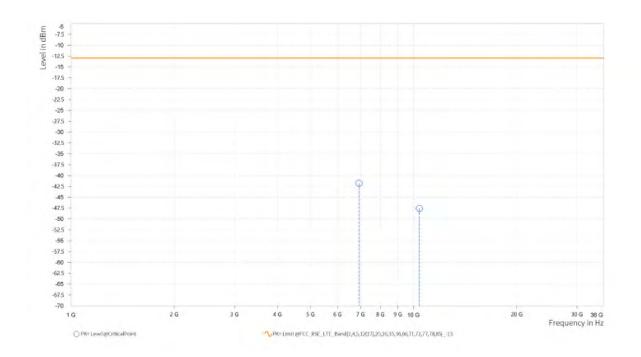




## **CHANNEL BANDWIDTH: 80MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	TESTED BY Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

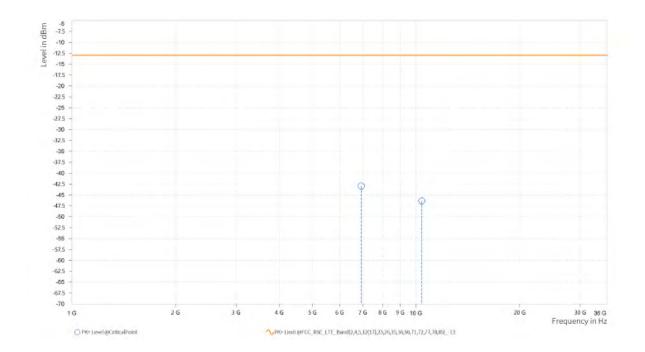
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	6,928.000	-41.79	-13.00	28.79	31.43	Н	338.6	1
6	10,392.000	-47.58	-13.00	34.58	22.29	Н	349.4	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,928.000	-42.95	-13,00	29.95	31.53	V	359.1	2
6	10,392.000	-46.37	-13.00	33,37	22.52	V	350	2

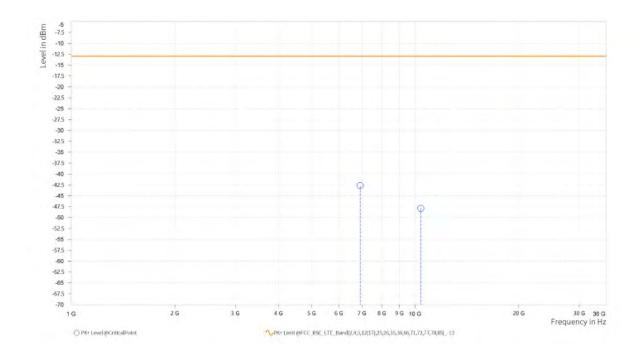




## **CHANNEL BANDWIDTH: 90MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

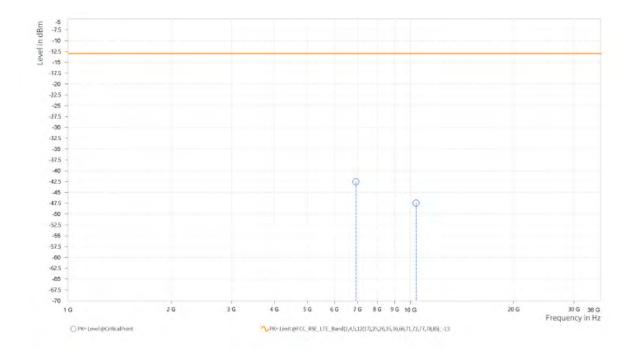
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,919.000	-42.67	-13.00	29.67	31,39	Н	1	2
6	10,378.500	-47.87	-13.00	34,87	22.24	Н	359.1	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuith	Antenna Height [m]
5	6,919.000	-42.55	-13.00	29.55	31.49	V	336.5	1
6	10,378.500	-47.48	-13.00	34.48	22.49	V	262.5	2

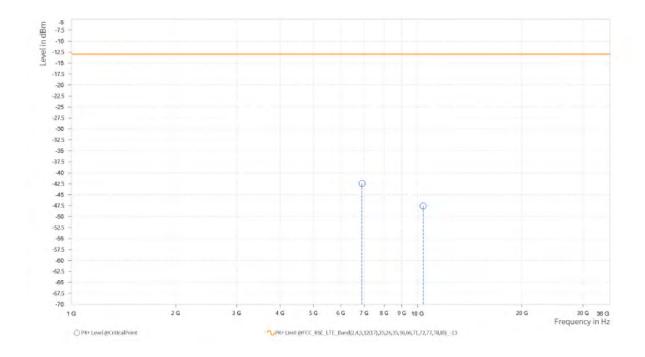




## **CHANNEL BANDWIDTH: 100MHz / QPSK**

MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

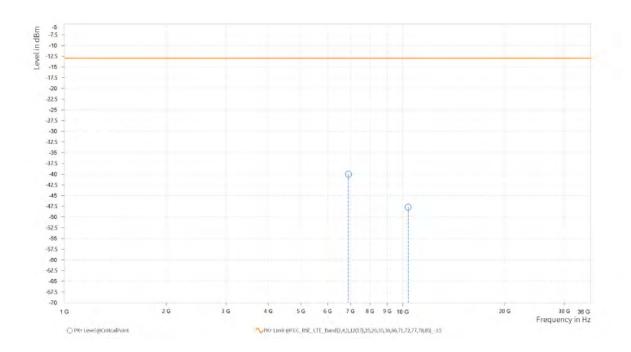
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,910.000	-42.44	-13.00	29.44	31,35	Н	341.4	1
6	10,365.000	-47.54	-13.00	34.54	22.20	Н	1	2





MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg		PK+ Level [dBm]	The second second	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,910.000	-40.04	-13.00	27.04	31.45	٧	1	2
6	10,365.000	-47.69	-13.00	34.69	22.46	V	1	2





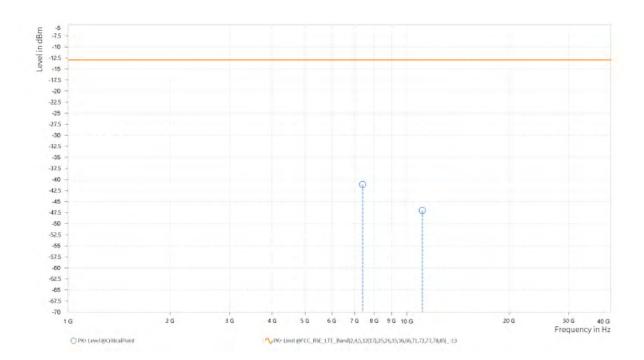
N77 (Part 270)

**CHANNEL BANDWIDTH: 10MHz / QPSK** 

#### CH647000

MODE	TX channel 647000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

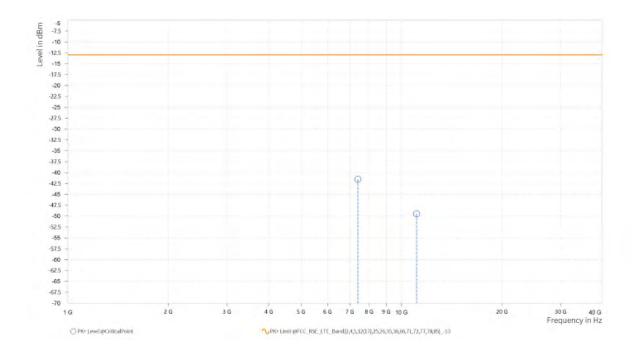
Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,401.000	-41.12	-13.00	28.12	31.16	Н	337.5	2
6	11,101.500	-47.02	-13.00	34.02	21.55	Н	263.7	2





MODE	TX channel 647000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu		AC 120V/00HZ			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,401.000	-41.54	-13.00	28.54	31.42	V	1	1
6	11,101.500	-49,47	-13.00	36.47	21.76	V	266.1	2

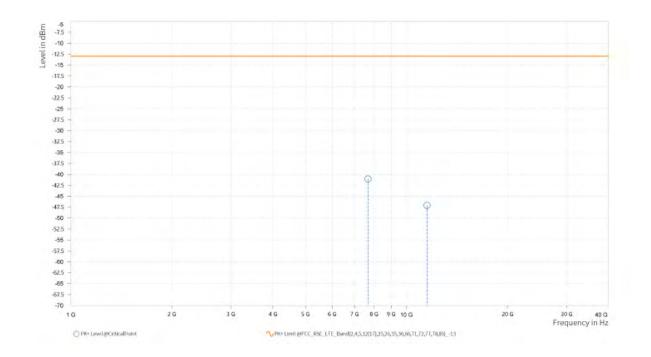




## CH656000

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTENN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

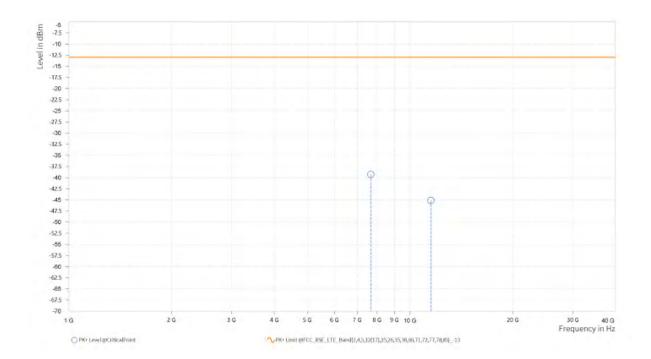
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,671.000	-41.04	-13.00	28.04	31.42	Н	1	2
6	11,506.500	-47.09	-13.00	34.09	23.15	H	359.1	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTEN	NA POLARITY & TEST DIS	TANCE: VERTICAL AT 3	М

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimith	Antenna Height [m]
5	7,671.000	-39.29	-13.00	26.29	31.37	V	359	1
6	11,506,500	-45.12	-13.00	32.12	23.51	V	359	2

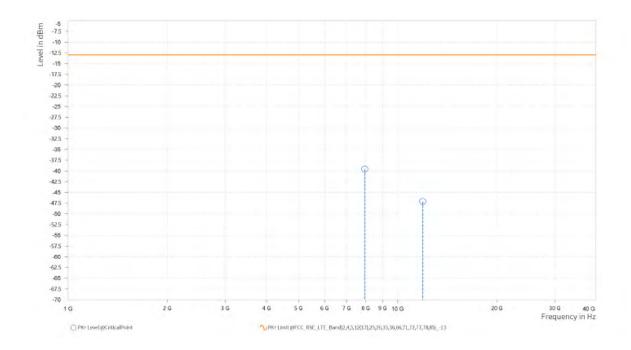




## CH665000

MODE	TX channel 665000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENN	A POLARITY & TEST DIST	ANCE: HORIZONTAL AT	3 M

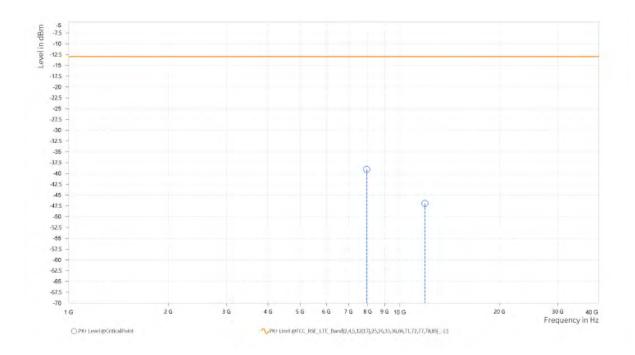
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,941.000	-39.58	-13.00	26.58	32.45	H	208.7	2
6	11,911.500	-47.12	-13.00	34.12	23.86	H	263.7	2





MODE	TX channel 665000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	2 4 2 7 7 7 7 7 7	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,941.000	-39.07	-13.00	26.07	32.52	V	340.4	2
6	11,911.500	-46.96	-13.00	33.96	24.32	V	267.2	2

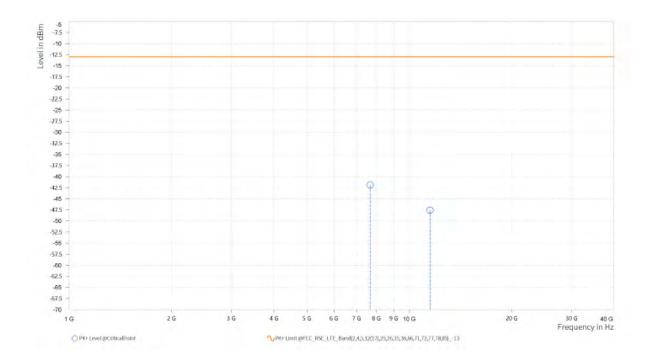




## **CHANNEL BANDWIDTH: 15MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

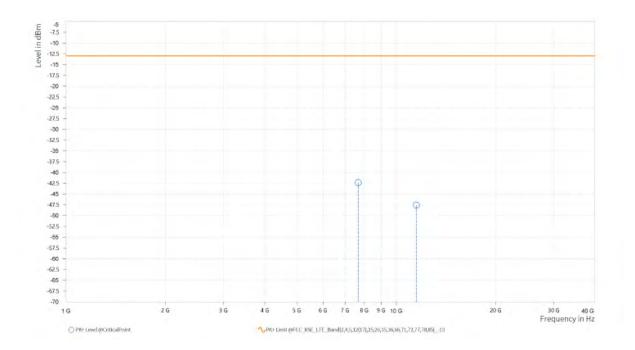
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuith	Antenna Height [m]
5	7,666.500	-41.89	-13.00	28.89	31.43	H	359	1
6	11,500.000	-47.55	-13.00	34.55	23.11	H	359	1





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	Margin	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,666.500	-42.37	-13.00	29.37	31.38	٧	359	1
6	11,500.000	-47.56	-13.00	34,56	23.47	٧	351.8	2

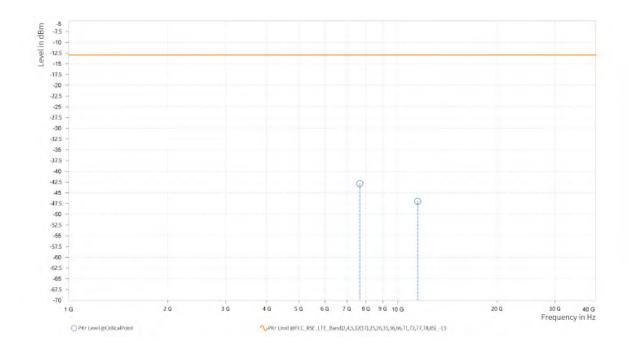




## **CHANNEL BANDWIDTH: 20MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

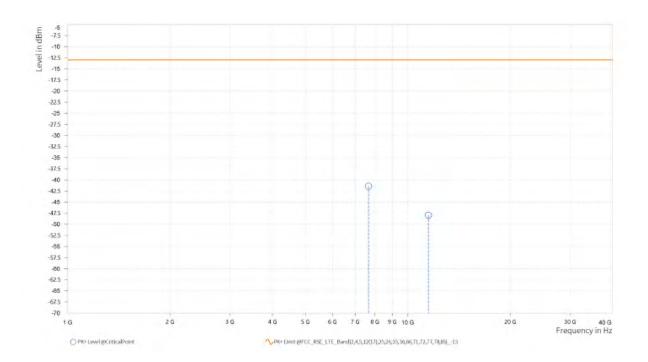
Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,662.000	-42.86	-13.00	29.86	31.44	Н	212.3	2
6	11,493.000	-46.97	-13.00	33.97	23.06	Н	1	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]		PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,662.000	-41.42	-13,00	28,42	31.38	V	1	1
6	11,493.000	-47.96	-13.00	34.96	23.42	V	1	2

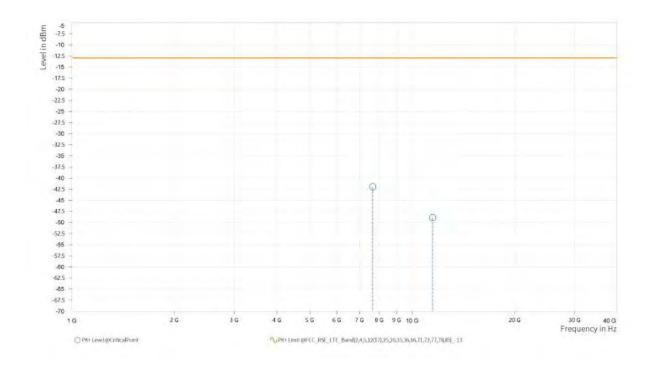




## **CHANNEL BANDWIDTH: 30MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

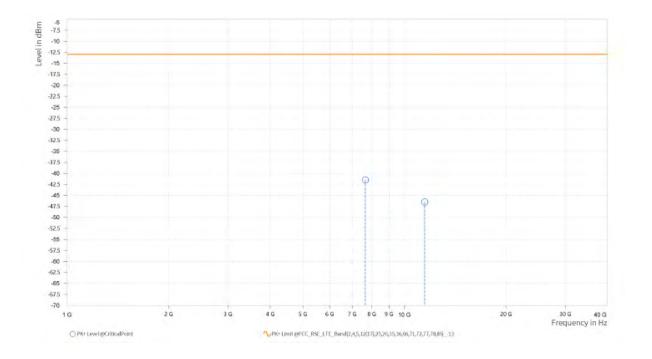
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,653.000	-41.97	-13.00	28.97	31.46	Н	213.4	2
6	11,479.500	-48.91	-13.00	35.91	22.98	Н	1	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,653.000	-41.49	-13.00	28.49	31.39	V	359.1	1
6	11,479.500	-46.50	-13.00	33.50	23.34	V	1	2

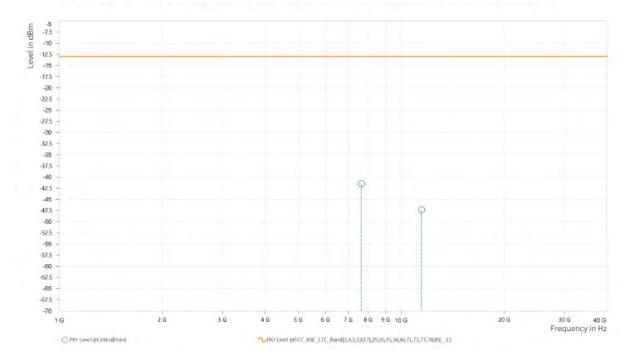




## **CHANNEL BANDWIDTH: 40MHz / QPSK**

MODE	TX channel 656000 FREQUENCY RANGE		Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ					
TESTED BY	TESTED BY Jace Hu							
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								

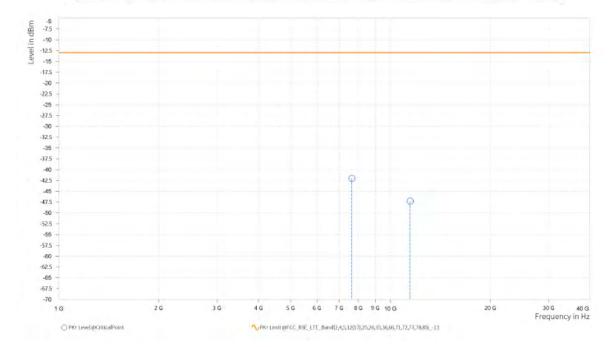
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,644.000	-41.51	-13.00	28.51	31.46	Н	334.2	1
6	11,466.000	-47.34	-13.00	34.34	22.90	Н	346.6	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,644.000	-42.03	-13.00	29.03	31.41	V	359.1	2
6	11,466.000	-47.32	-13.00	34.32	23.25	V	347.3	2

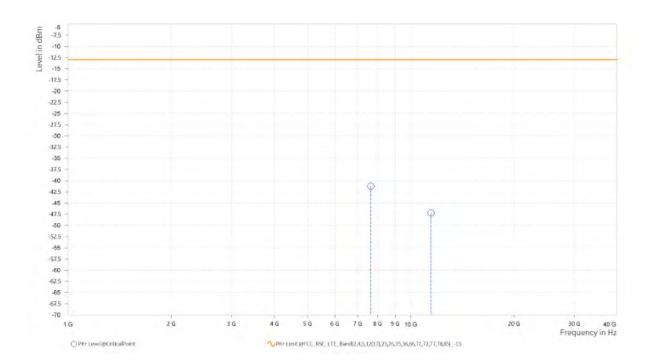




## **CHANNEL BANDWIDTH: 50MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

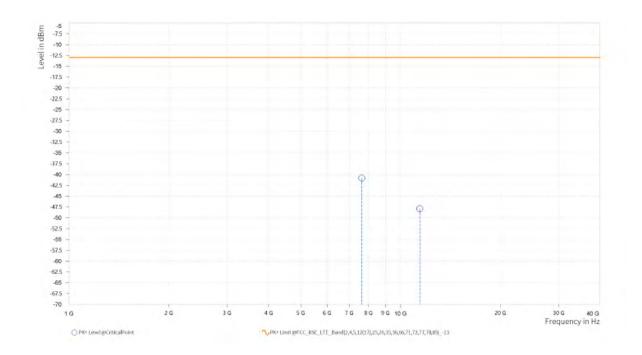
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,635.000	-41.24	-13.00	28.24	31.47	Н	209.9	1
6	11,452.500	-47.24	-13.00	34.24	22.81	H	359.1	1





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	IMHZI	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	A7IMIITh	Antenna Height [m]
5	7,635.000	-40.84	-13.00	27.84	31.43	٧	335.4	2
6	11,425.500	-47.89	-13.00	34.89	23.00	٧	1	2

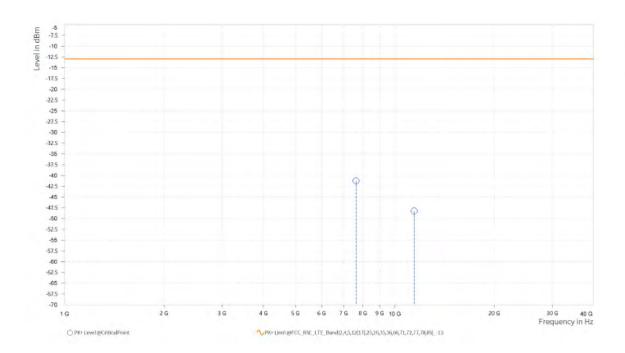




## **CHANNEL BANDWIDTH: 60MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

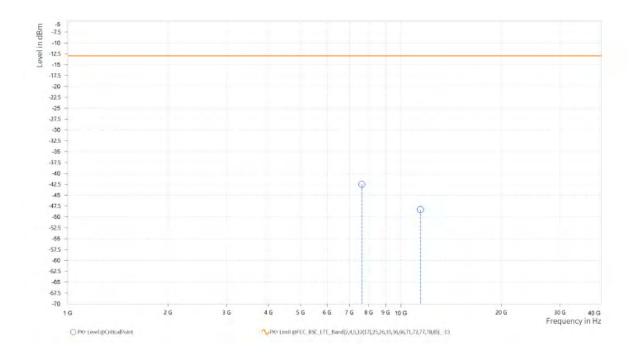
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,626.000	-41.24	-13.00	28.24	31.47	H	359.1	2
6	11,439.000	-48.26	-13.00	35.26	22.73	Н	263.7	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]	The second second second	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,626.000	-42.49	-13.00	29.49	31.44	٧	359,1	2
6	11,439.000	-48.31	-13.00	35.31	23.09	V	261.3	2

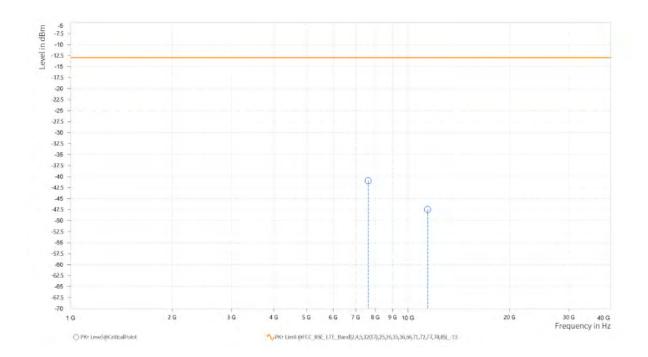




## **CHANNEL BANDWIDTH: 70MHz / QPSK**

MODE	TX channel 656000	TX channel 656000 FREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

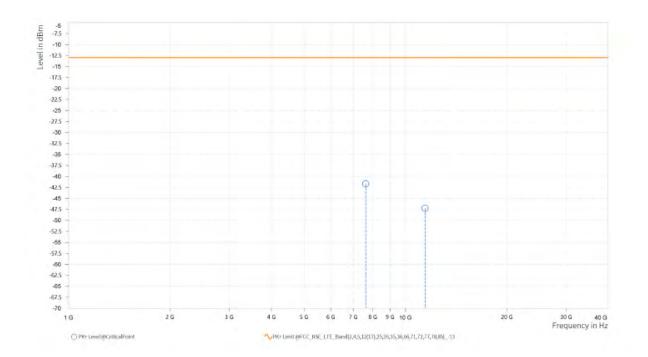
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,617.000	-40.95	-13,00	27.95	31.47	Н	1	1
6	11,425.500	-47.48	-13.00	34.48	22.64	Н	348.6	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	Jace Hu						
ANTEN	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,617.000	-41.67	-13.00	28.67	31.46	٧	359	2
6	11,425.500	-47.22	-13.00	34.22	23.00	٧	347.3	2

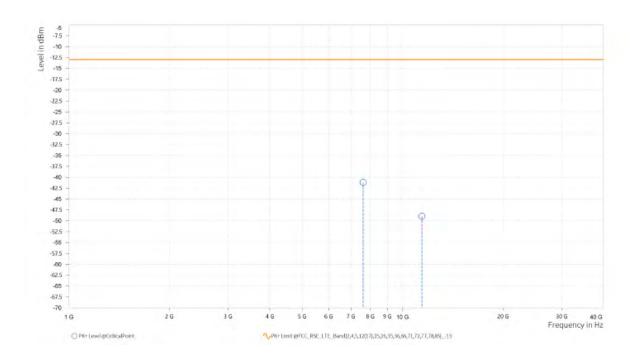




## **CHANNEL BANDWIDTH: 80MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

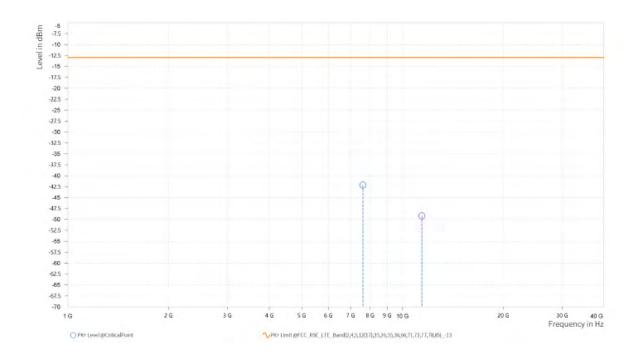
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,608.000	-41.21	-13.00	28.21	31.47	H	359	1
6	11,412.000	-48.96	-13.00	35.96	22.56	H	263.7	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	123ded C 70%RH		AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	l Azimuth l	Antenna Height [m]
5	7,608.000	-42.14	-13.00	29.14	31.48	٧	359.1	2
6	11,412.000	-49.19	-13.00	36.19	22.92	٧	349.4	2

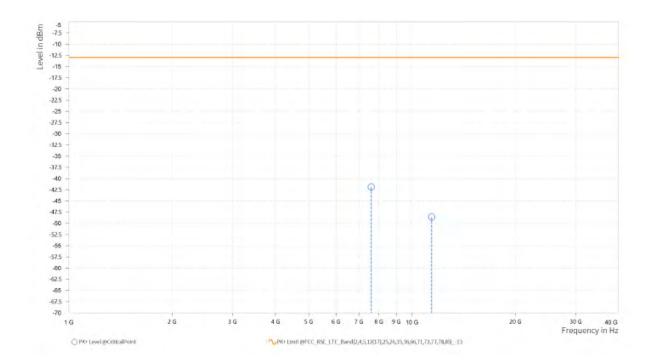




## **CHANNEL BANDWIDTH: 90MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

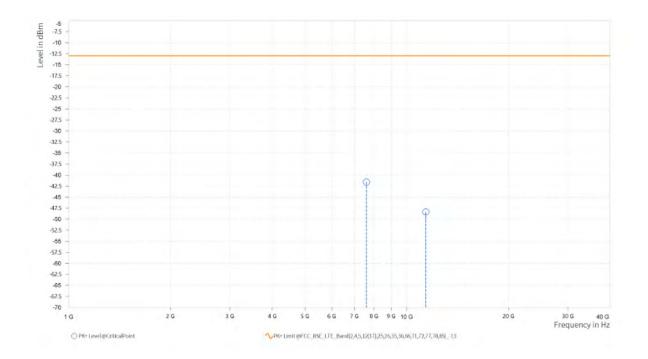
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	7,599.000	-41.88	-13.00	28.88	31.48	Н	339.6	2
6	11,398.500	-48.62	-13.00	35.62	22.49	H	1	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	PK+ Level [dBm]		PK+ Margin [dB]	Correction [dB]	Polarization	I Azimiith I	Antenna Height [m]
5	7,599.000	-41.60	-13.00	28.60	31.50	٧	1	2
6	11,389.500	-48.37	-13.00	35.37	22.80	٧	264.9	2

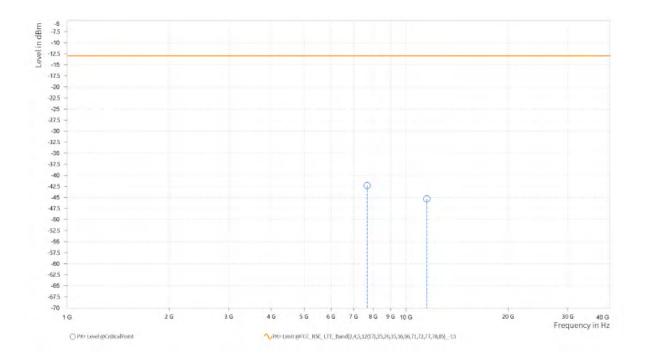




## **CHANNEL BANDWIDTH: 100MHz / QPSK**

MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY Jace Hu							
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

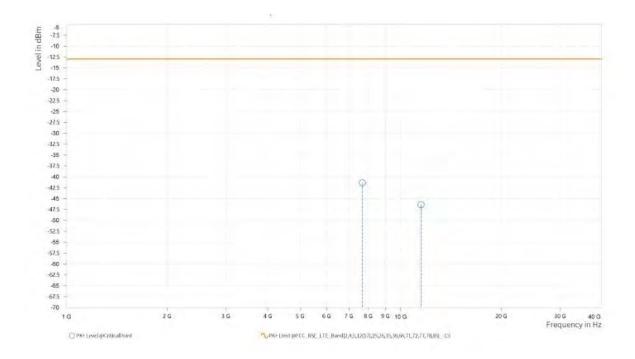
Rg	Frequency [MHz]	Level	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth	Antenna Height [m]
5	7,671.000	-42.33	-13.00	29.33	31.42	H	359	1
6	11,506.000	-45.33	-13.00	32.33	23.15	Н	359	2





MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,671.000	-41.39	-13.00	28.39	31.37	٧	207.5	1
6	11,506.500	-46.39	-13.00	33.39	23.51	V	359.1	1





# **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.

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.

---END---