

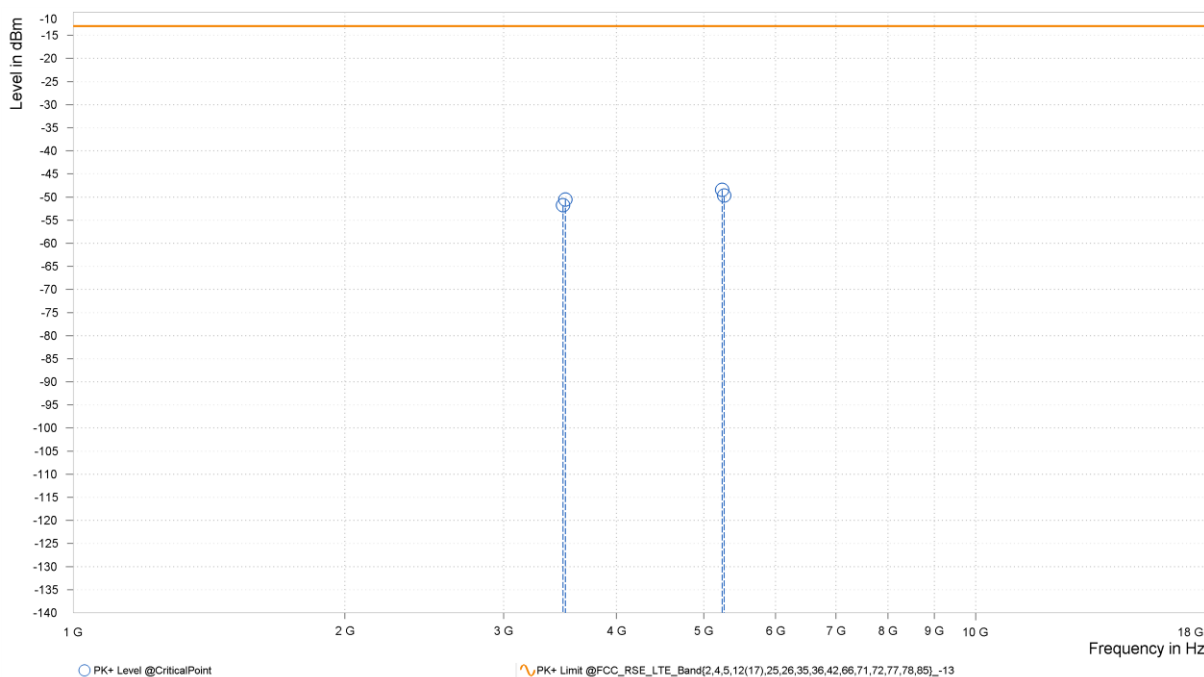


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (10+10) MHz / QPSK

MODE	TX channel PCC 132373	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132472		
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]
4	3,491.000	-51.78	-13.00	38.78	20.52	H	153.5	1.00
4	3,511.000	-50.55	-13.00	37.55	20.56	H	314.9	1.00
4	5,237.000	-48.45	-13.00	35.45	23.58	H	1.2	2.00
4	5,266.500	-49.69	-13.00	36.69	23.63	H	314.9	1.00

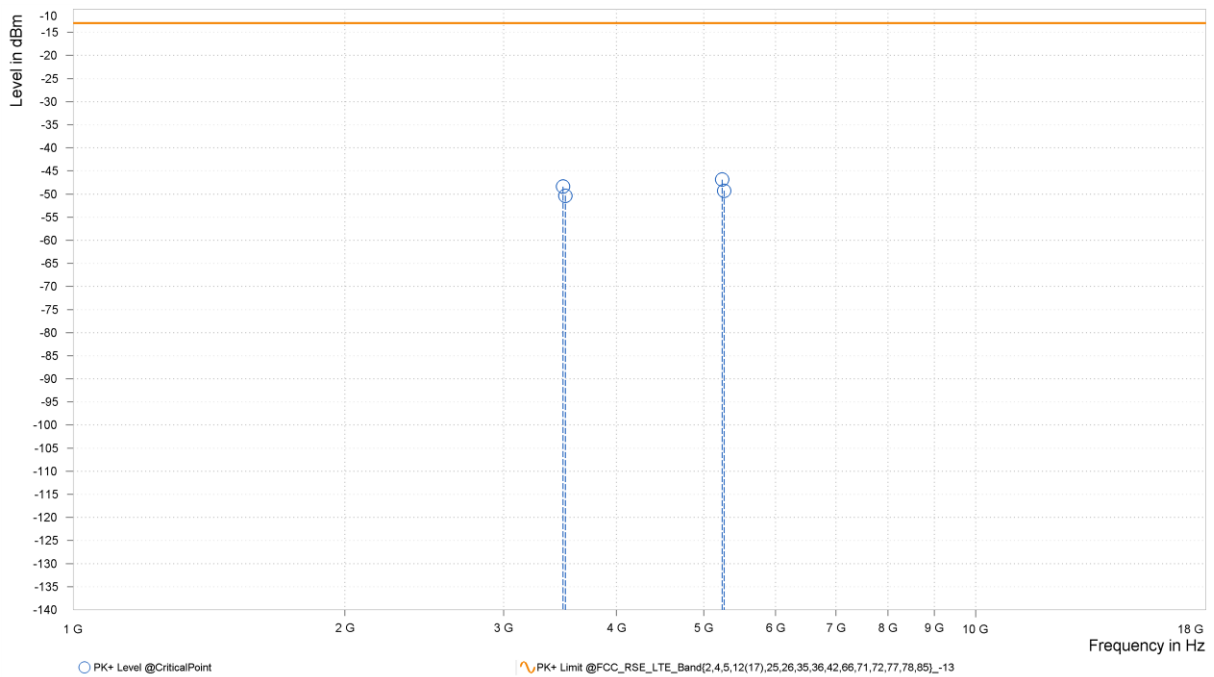




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132373	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132472		
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	3,491.000	-48.39	-13.00	35.39	21.32	V	315	1.00
4	3,511.000	-50.39	-13.00	37.39	21.24	V	180.2	2.00
4	5,237.000	-46.89	-13.00	33.89	24.10	V	153.5	1.00
4	5,266.500	-49.29	-13.00	36.29	24.12	V	359.1	1.00



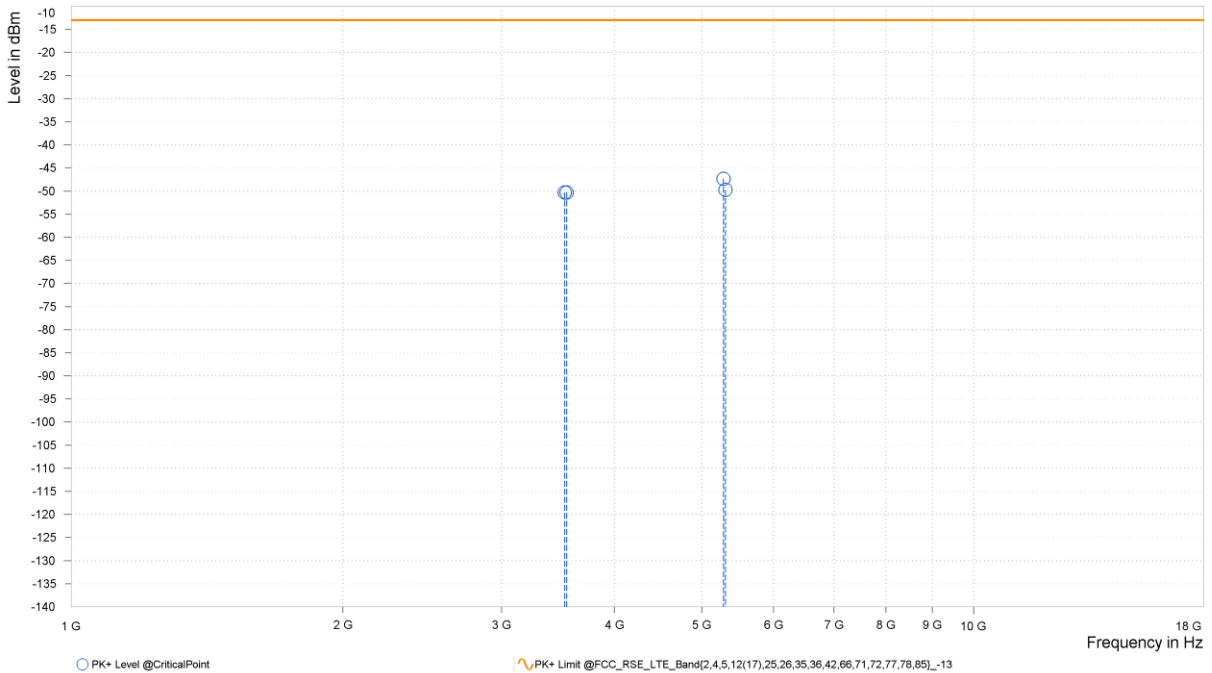


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (10+10) MHz / QPSK

MODE	TX channel PCC 132523	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132622		
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]
4	3,521.200	-50.32	-13.00	37.32	20.60	H	359	2.00
4	3,541.000	-50.32	-13.00	37.32	20.63	H	1	1.00
4	5,281.800	-47.34	-13.00	34.34	23.61	H	199.3	2.00
4	5,311.500	-49.78	-13.00	36.78	23.62	H	159.5	1.00

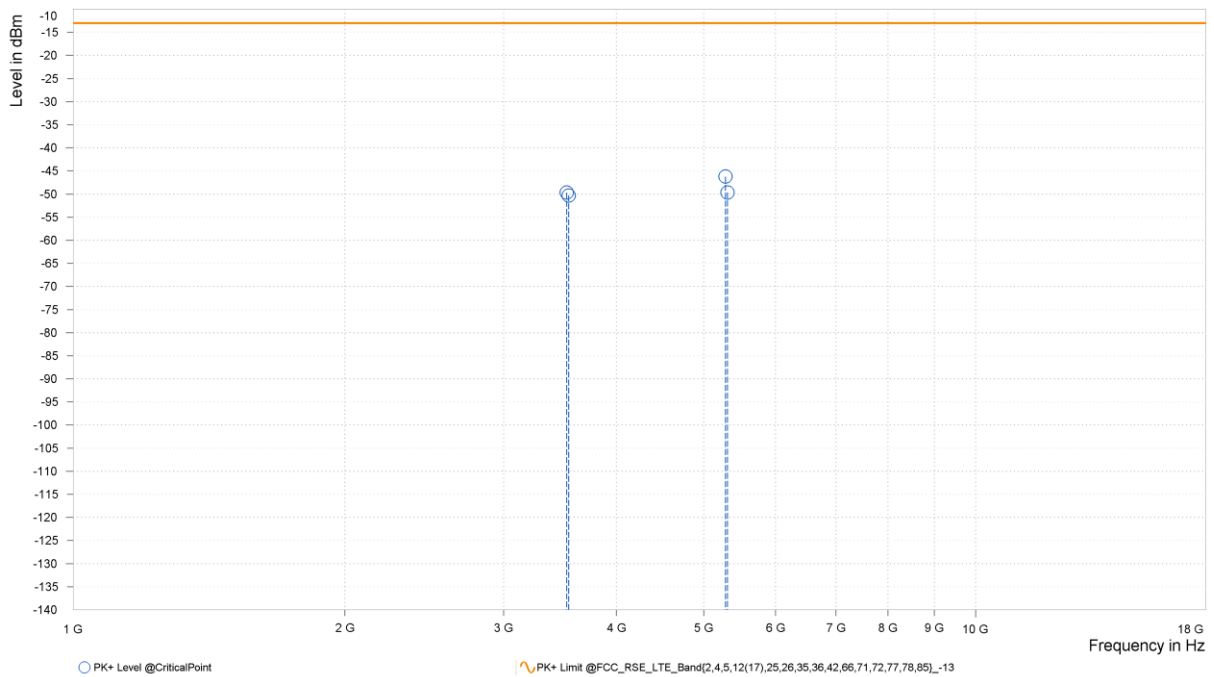




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132523	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132622		
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	3,521.200	-49.71	-13.00	36.71	21.19	V	201.8	2.00
4	3,541.000	-50.30	-13.00	37.30	21.15	V	1	2.00
4	5,281.800	-46.22	-13.00	33.22	24.12	V	201.8	2.00
4	5,311.500	-49.66	-13.00	36.66	24.14	V	30.8	2.00





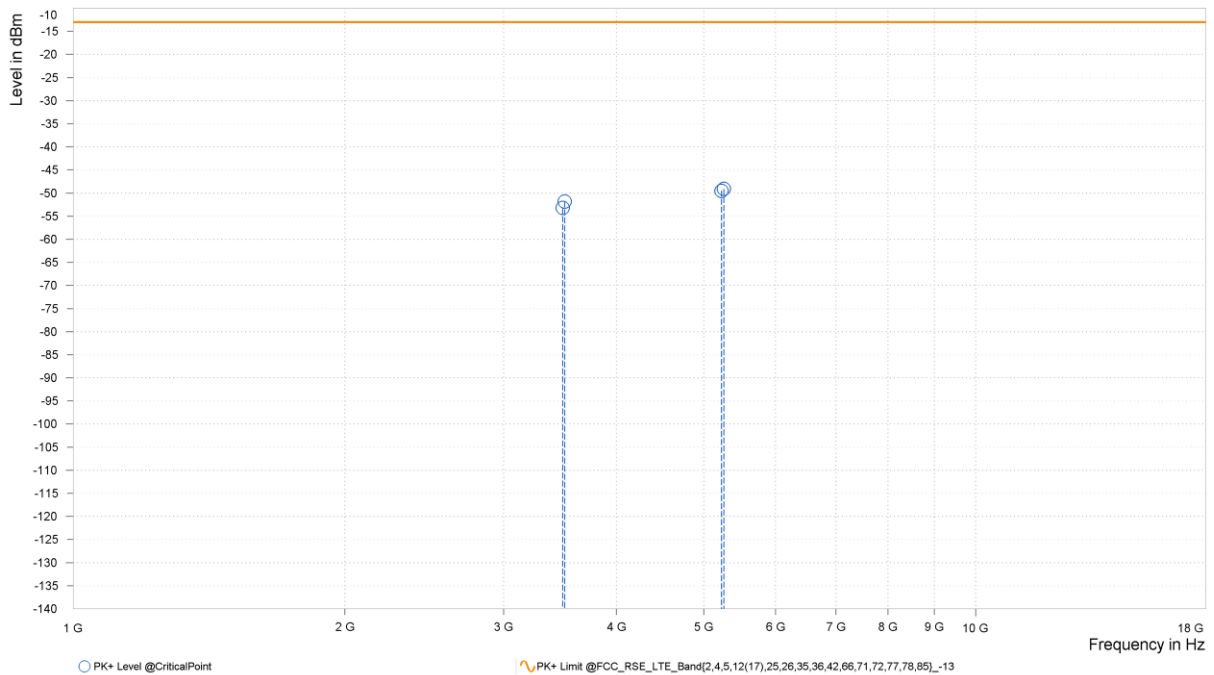
Test Report No.: PSU-NQN2403180115RF09

LTE Band CA_66C

CHANNEL BANDWIDTH: (10+15) MHz / QPSK

MODE	TX channel PCC 132351	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132471		
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]
4	3,487.000	-53.22	-13.00	40.22	20.50	H	359	1.00
4	3,506.000	-51.81	-13.00	38.81	20.55	H	314.9	1.00
4	5,230.000	-49.51	-13.00	36.51	23.56	H	1.4	2.00
4	5,259.500	-49.10	-13.00	36.10	23.64	H	358.6	1.00

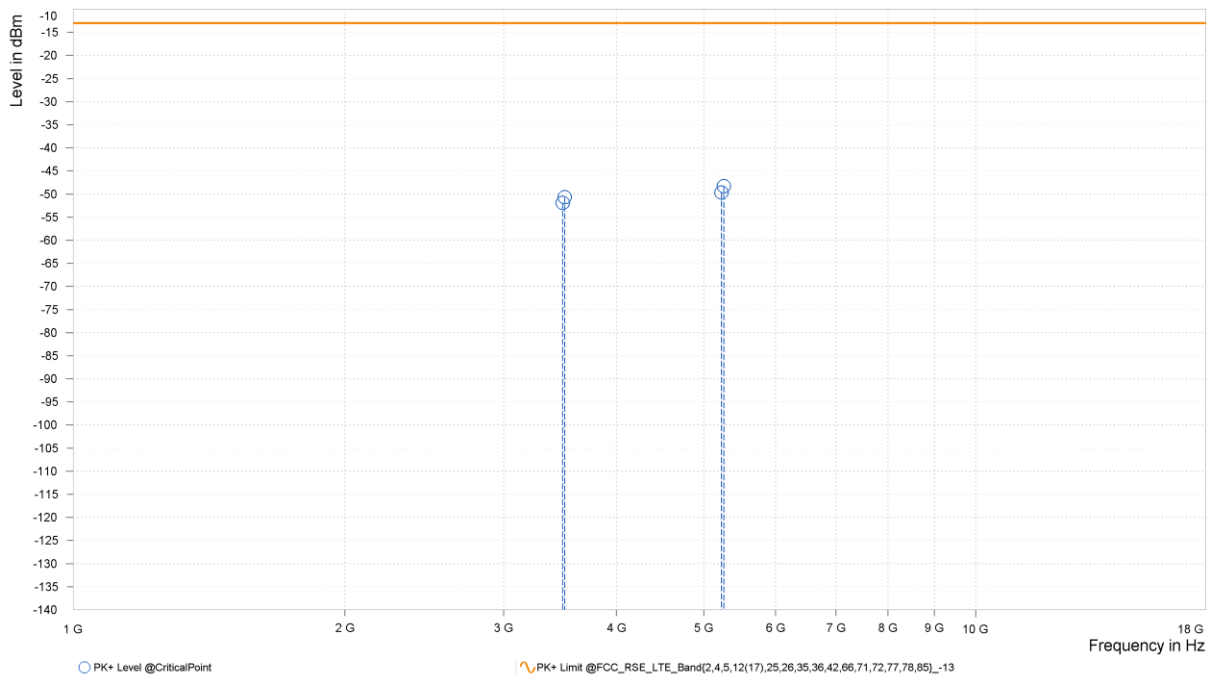




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132351	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132471		
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	3,487.000	-51.88	-13.00	38.88	21.28	V	332.8	1.00
4	3,506.000	-50.70	-13.00	37.70	21.28	V	359	2.00
4	5,230.000	-49.70	-13.00	36.70	24.09	V	154.7	1.00
4	5,259.500	-48.26	-13.00	35.26	24.12	V	0.9	2.00



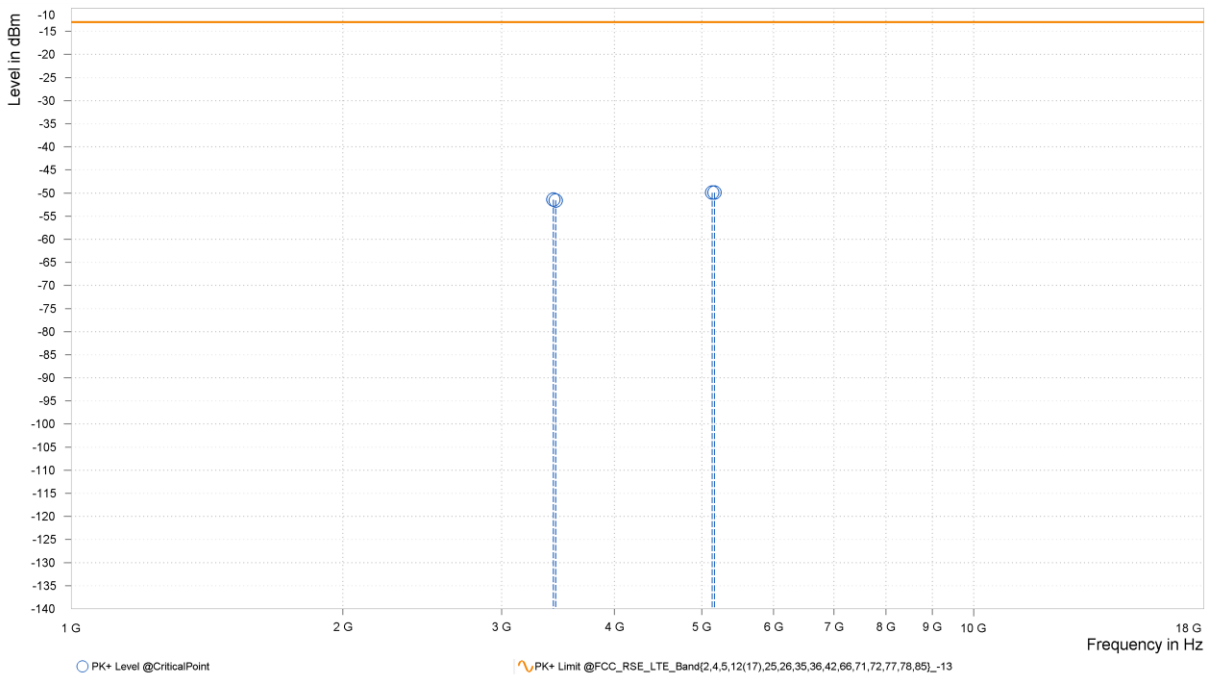


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (10+20) MHz / QPSK

MODE	TX channel PCC 132027	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132171		
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]
4	3,422.000	-51.42	-13.00	38.42	20.65	H	359	2.00
4	3,442.000	-51.61	-13.00	38.61	20.55	H	314.9	1.00
4	5,133.000	-49.90	-13.00	36.90	23.08	H	154.6	1.00
4	5,163.000	-49.91	-13.00	36.91	23.25	H	358.8	1.00

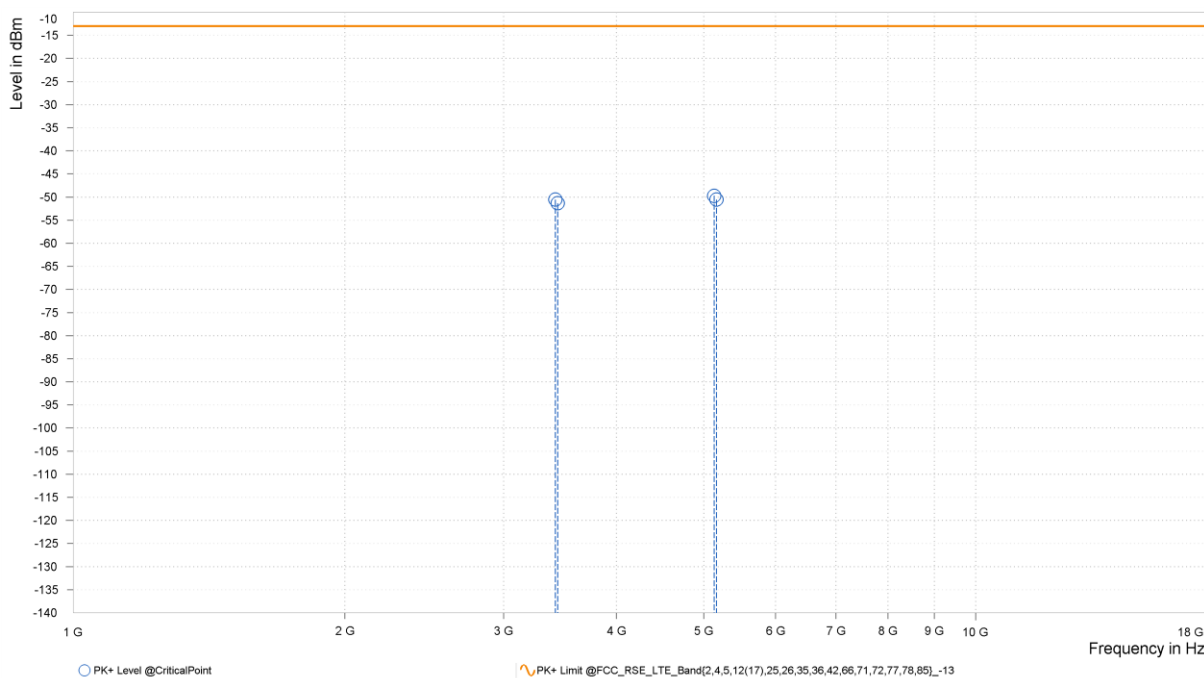




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132027	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132171		
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	3,422.000	-50.54	-13.00	37.54	21.01	V	1	2.00
4	3,442.000	-51.34	-13.00	38.34	21.08	V	1	1.00
4	5,133.000	-49.72	-13.00	36.72	23.40	V	1	1.00
4	5,163.000	-50.55	-13.00	37.55	23.56	V	183.8	2.00



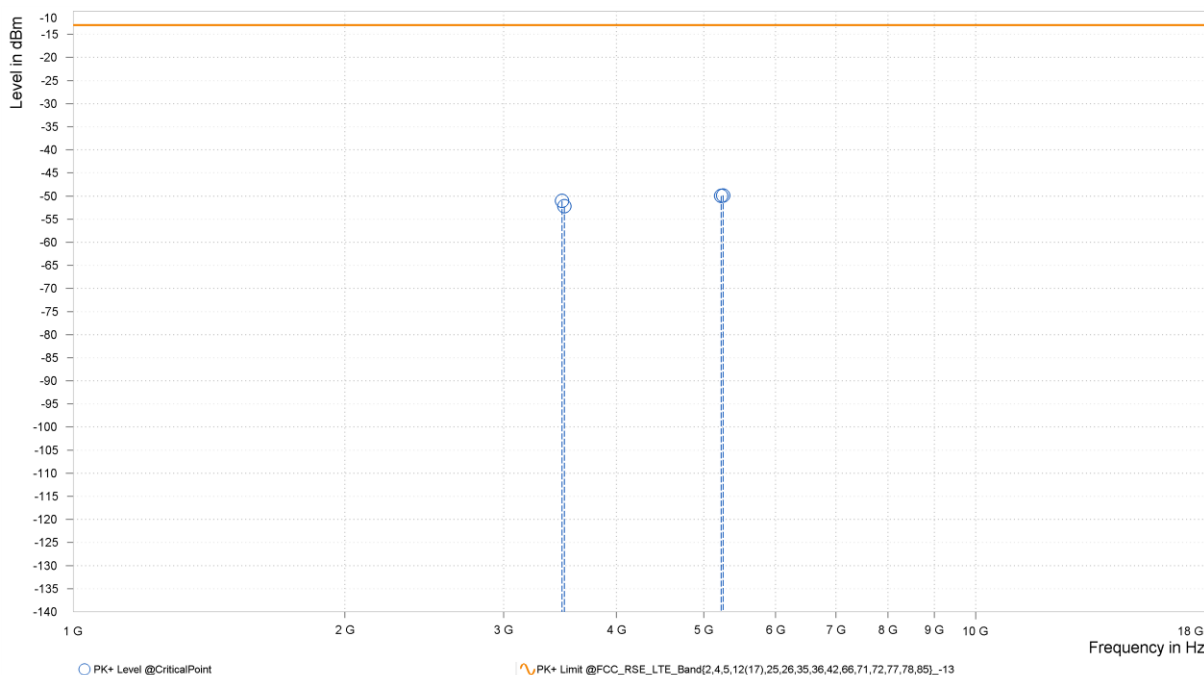


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (10+20) MHz / QPSK

MODE	TX channel PCC 132328	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132472		
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]
4	3,482.000	-51.06	-13.00	38.06	20.48	H	0.9	2.00
4	3,502.000	-52.22	-13.00	39.22	20.55	H	1	1.00
4	5,223.000	-49.98	-13.00	36.98	23.53	H	0.9	2.00
4	5,253.000	-49.86	-13.00	36.86	23.64	H	359.1	1.00

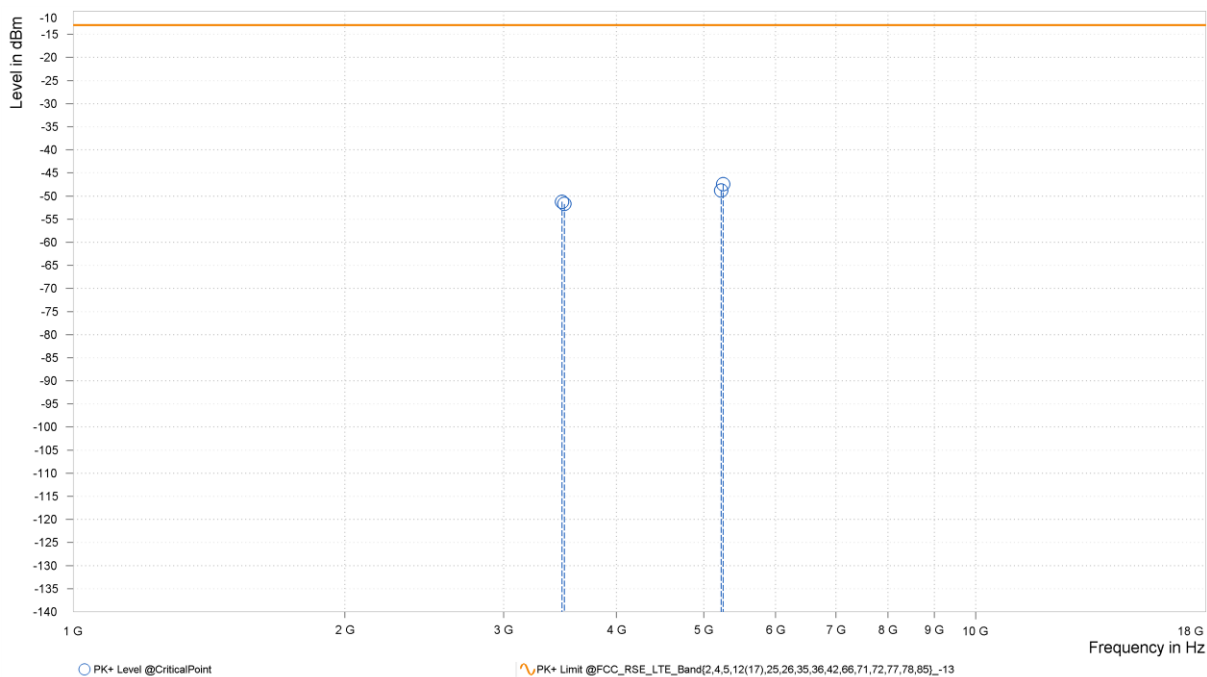




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132328	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132472		
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	3,482.000	-51.25	-13.00	38.25	21.24	V	1	1.00
4	3,502.000	-51.73	-13.00	38.73	21.31	V	359.1	1.00
4	5,223.000	-48.77	-13.00	35.77	24.09	V	0.9	2.00
4	5,253.000	-47.45	-13.00	34.45	24.12	V	204.1	2.00



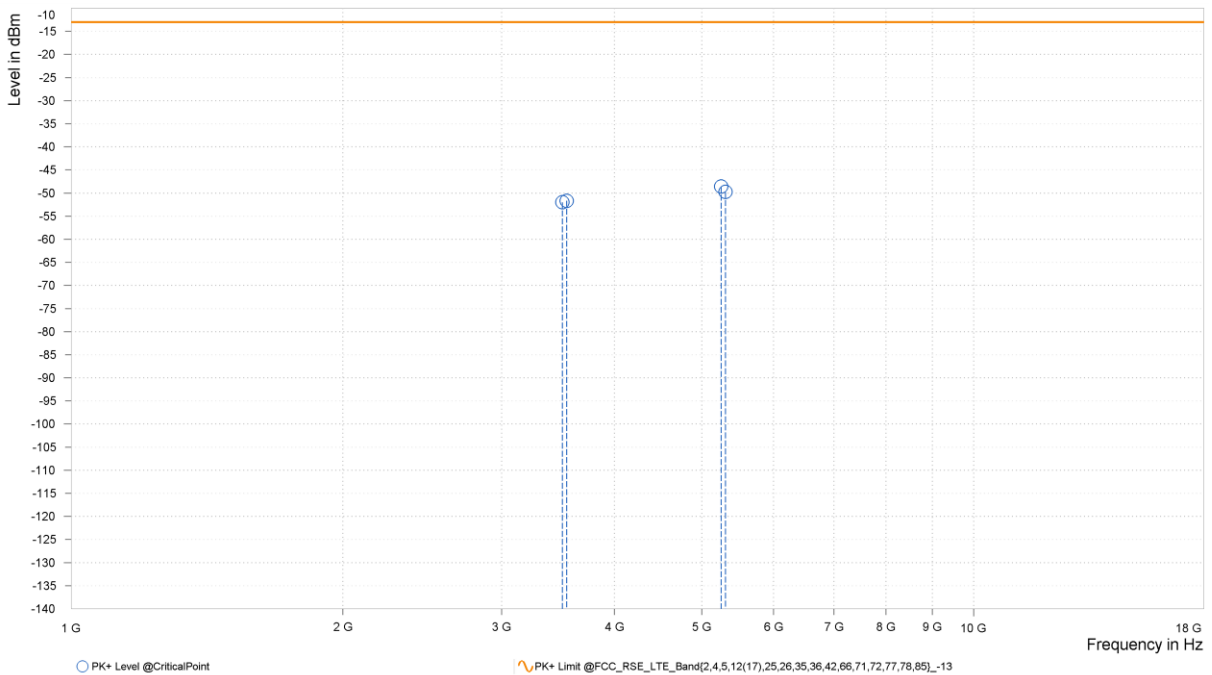


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (10+20) MHz / QPSK

MODE	TX channel PCC 132428	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132572		
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]
4	3,502.000	-52.02	-13.00	39.02	20.55	H	154.7	1.00
4	3,540.000	-51.69	-13.00	38.69	20.63	H	1	1.00
4	5,253.000	-48.60	-13.00	35.60	23.64	H	359	2.00
4	5,310.000	-49.75	-13.00	36.75	23.62	H	1.3	2.00

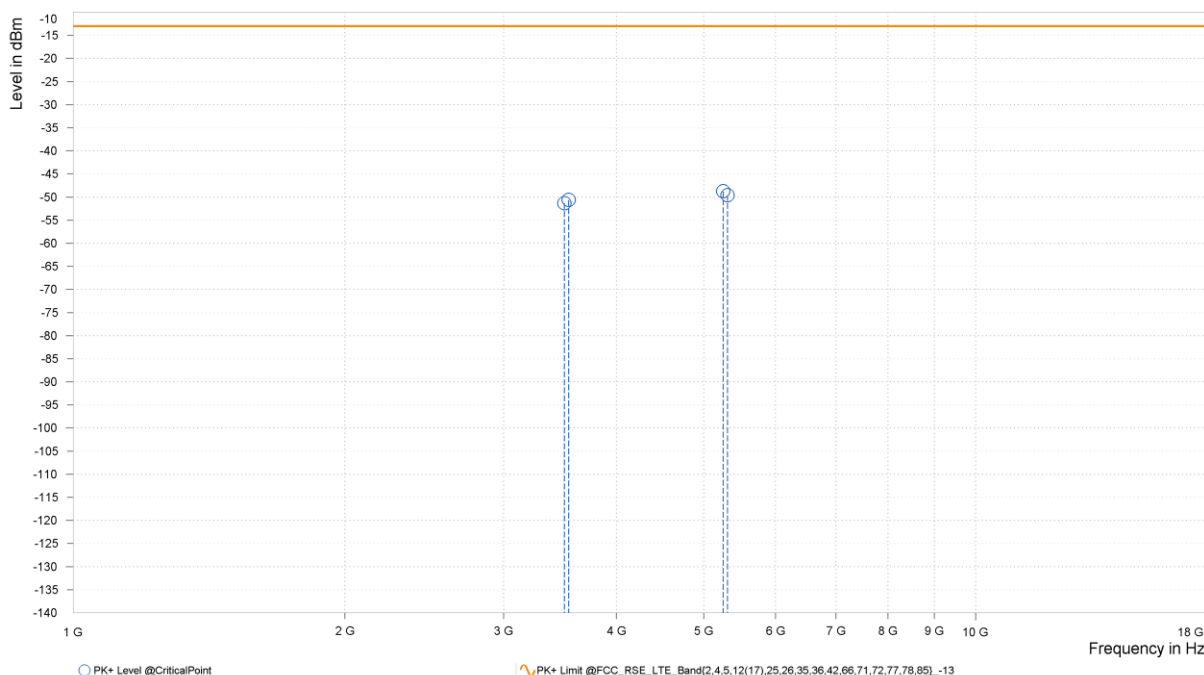




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132428	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132572		
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	3,502.000	-51.31	-13.00	38.31	21.31	V	1	2.00
4	3,540.000	-50.63	-13.00	37.63	21.15	V	359	1.00
4	5,253.000	-48.77	-13.00	35.77	24.12	V	316.1	1.00
4	5,310.000	-49.59	-13.00	36.59	24.14	V	153.5	1.00



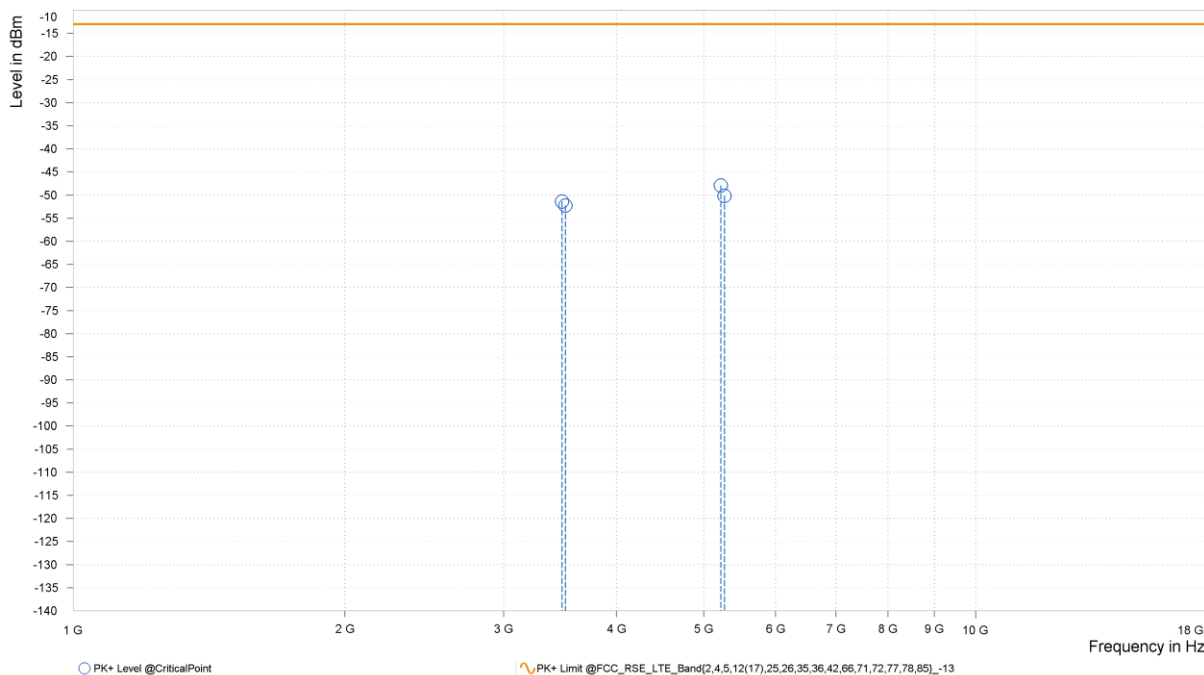


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (15+15) MHz / QPSK

MODE	TX channel PCC 132347	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132497		
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]
4	3,481.500	-51.38	-13.00	38.38	20.47	H	0.9	2.00
4	3,511.500	-52.25	-13.00	39.25	20.56	H	359.1	1.00
4	5,222.000	-47.92	-13.00	34.92	23.53	H	0.9	2.00
4	5,267.000	-50.15	-13.00	37.15	23.63	H	1	1.00

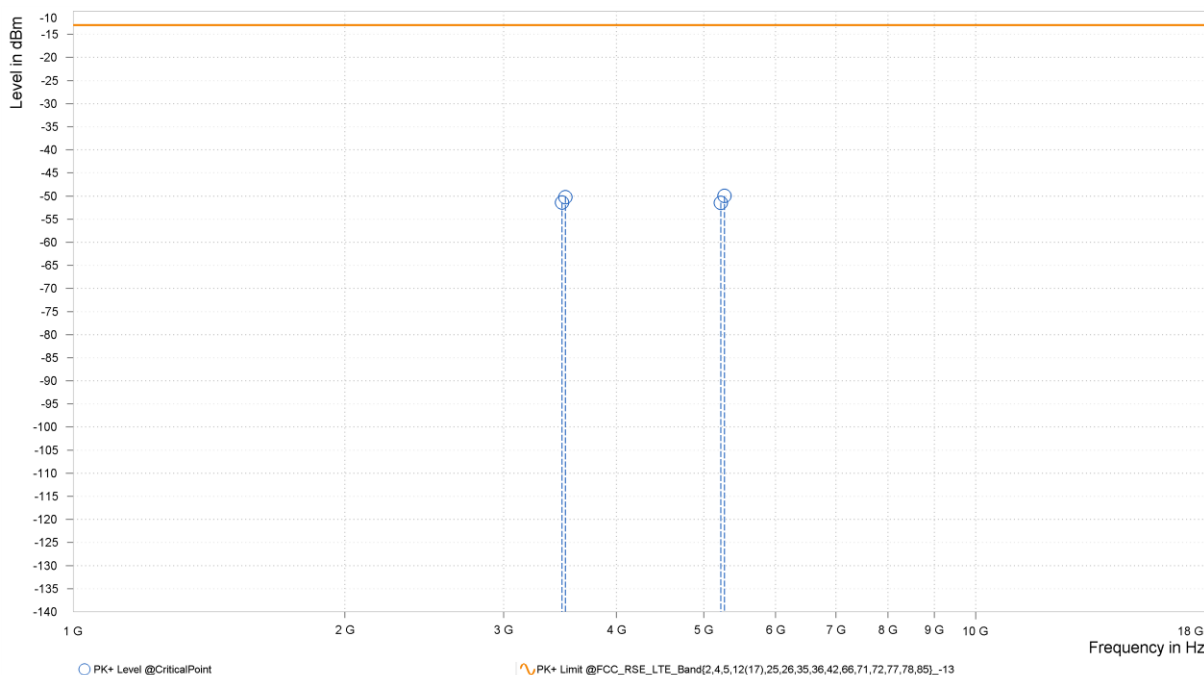




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132347	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132497		
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	3,481.500	-51.38	-13.00	38.38	21.23	V	1	2.00
4	3,511.500	-50.24	-13.00	37.24	21.24	V	1	1.00
4	5,222.000	-51.48	-13.00	38.48	24.08	V	359	2.00
4	5,267.000	-49.97	-13.00	36.97	24.12	V	359	1.00



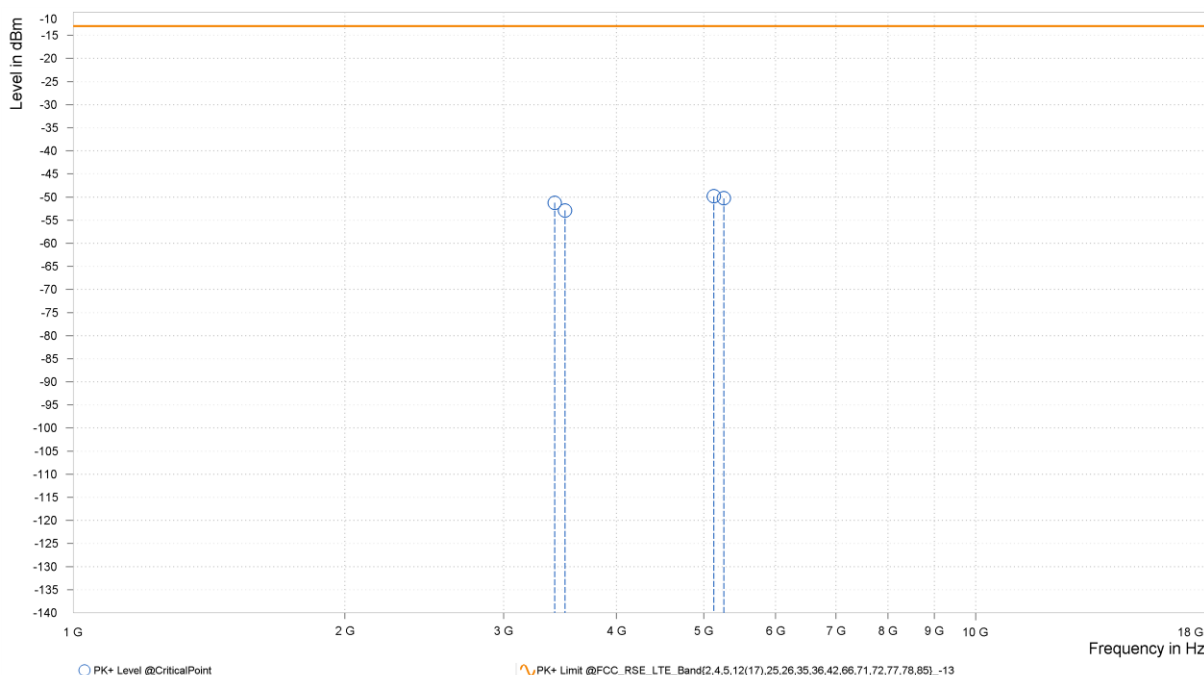


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (15+20) MHz / QPSK

MODE	TX channel PCC 132325	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132496		
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]
4	3,417.000	-51.24	-13.00	38.24	20.68	H	316.1	1.00
4	3,507.000	-52.91	-13.00	39.91	20.55	H	0.9	2.00
4	5,125.500	-49.82	-13.00	36.82	23.04	H	1	1.00
4	5,260.000	-50.27	-13.00	37.27	23.63	H	359.1	1.00

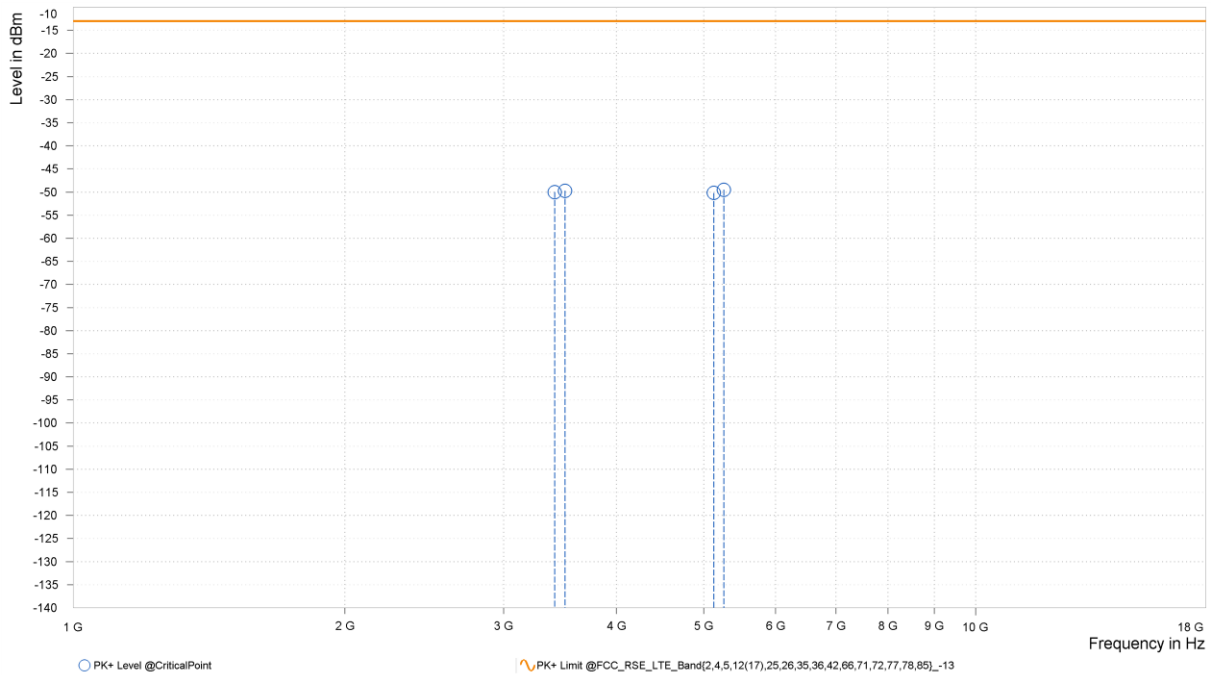




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132325	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132496		
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	3,417.000	-50.01	-13.00	37.01	20.97	V	206.5	2.00
4	3,507.000	-49.72	-13.00	36.72	21.27	V	359	2.00
4	5,125.500	-50.19	-13.00	37.19	23.41	V	0.9	2.00
4	5,260.000	-49.51	-13.00	36.51	24.12	V	155.8	1.00



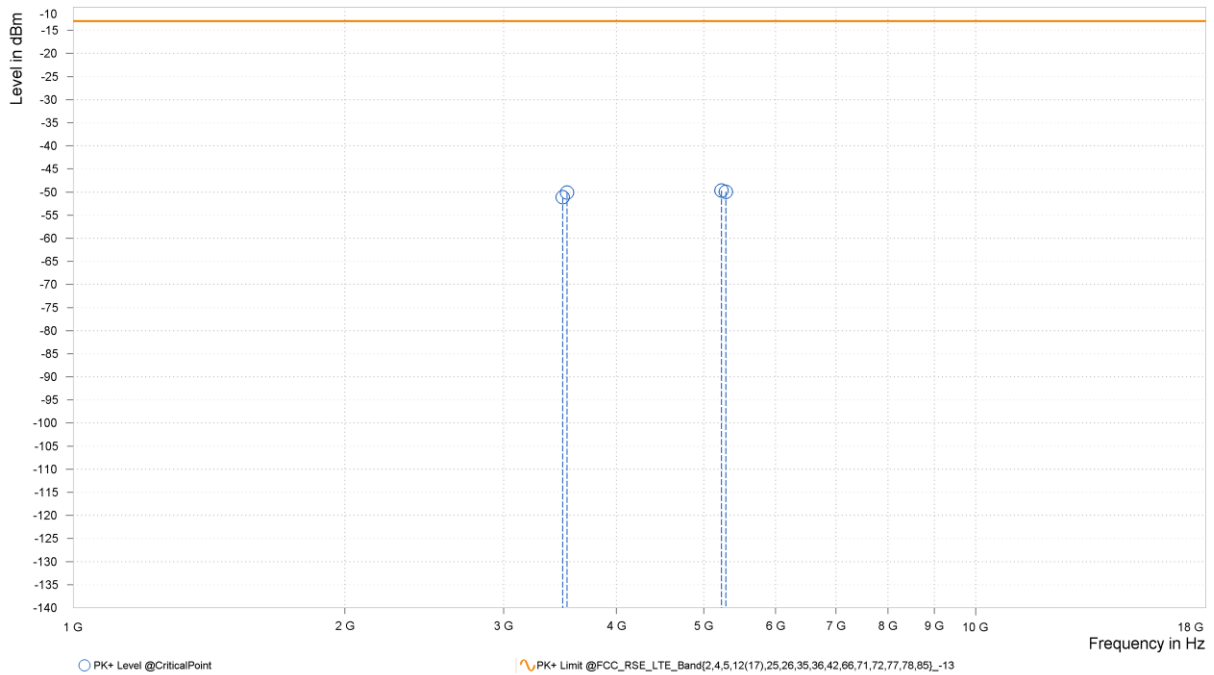


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (20+5) MHz / QPSK

MODE	TX channel PCC 132397	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132514		
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]
4	3,487.000	-51.09	-13.00	38.09	20.50	H	359	2.00
4	3,524.000	-50.07	-13.00	37.07	20.62	H	155.8	1.00
4	5,230.500	-49.67	-13.00	36.67	23.56	H	359	2.00
4	5,285.850	-49.95	-13.00	36.95	23.61	H	1	1.00

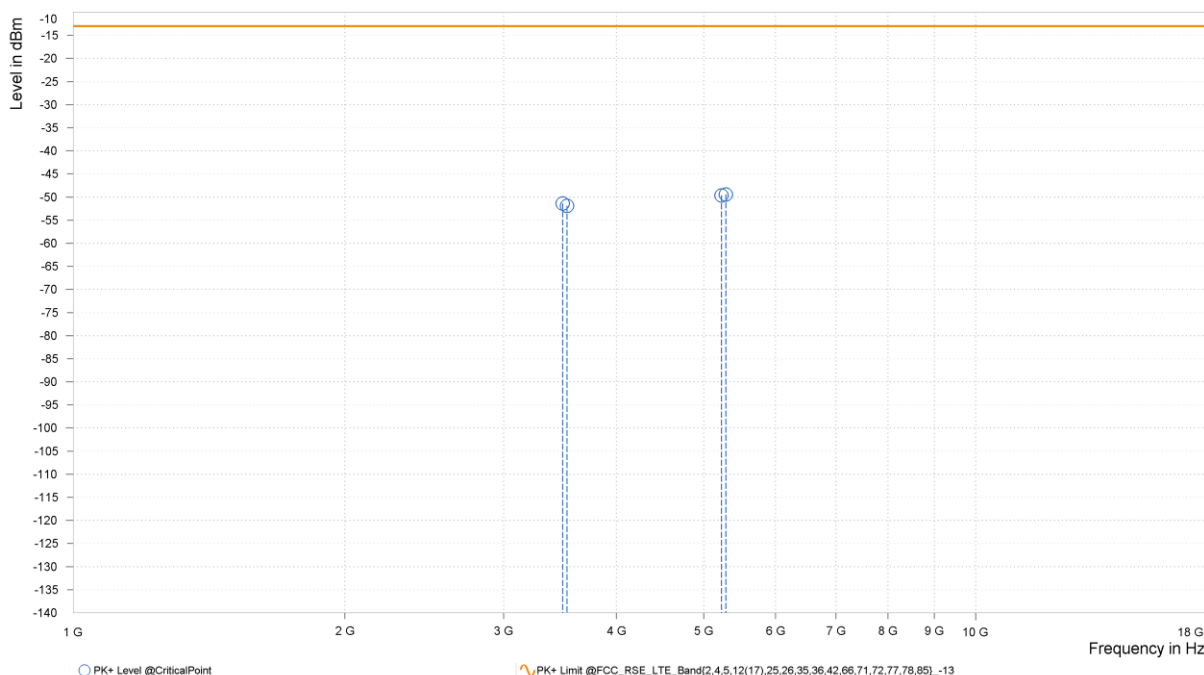




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132397	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132514		
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	3,487.000	-51.39	-13.00	38.39	20.50	H	202.9	2.00
4	3,524.000	-51.90	-13.00	38.90	20.62	H	153.4	1.00
4	5,230.500	-49.66	-13.00	36.66	23.56	H	153.4	1.00
4	5,285.850	-49.44	-13.00	36.44	23.61	H	1	2.00



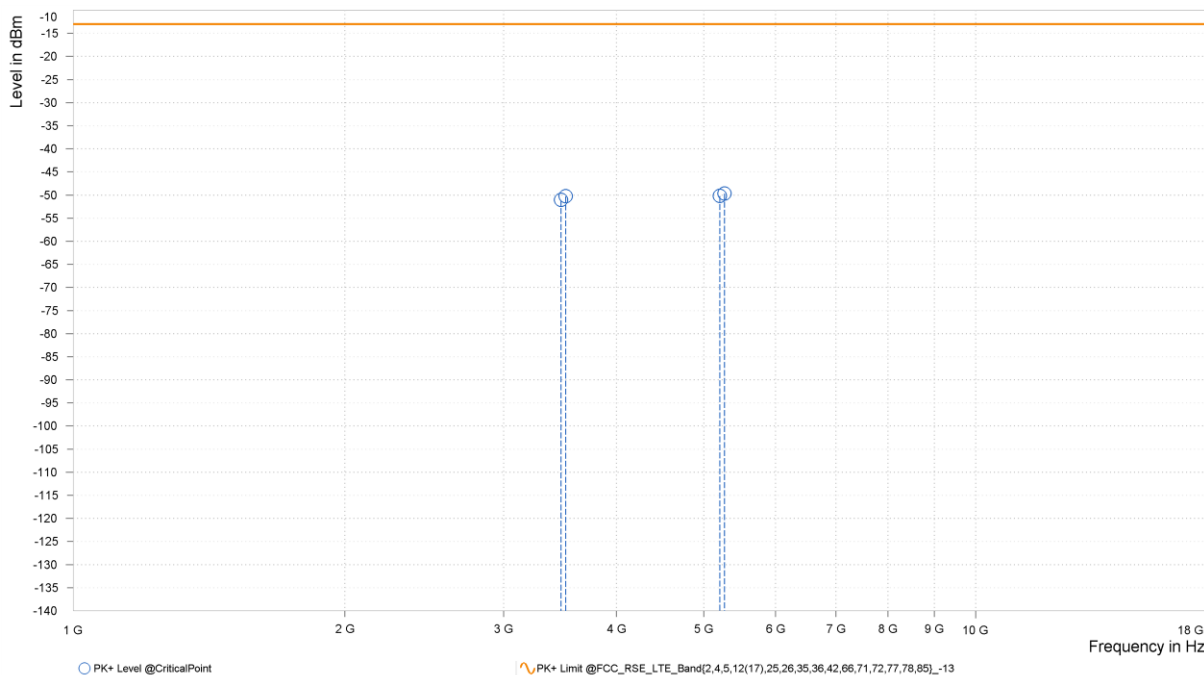


Test Report No.: PSU-NQN2403180115RF09

CHANNEL BANDWIDTH: (20+20) MHz / QPSK

MODE	TX channel PCC 132323	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132521		
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]
4	3,472.000	-51.08	-13.00	38.08	20.43	H	358.4	1.00
4	3,512.000	-50.26	-13.00	37.26	20.57	H	41.5	2.00
4	5,208.000	-50.18	-13.00	37.18	23.47	H	358.4	1.00
4	5,268.000	-49.71	-13.00	36.71	23.63	H	1	2.00

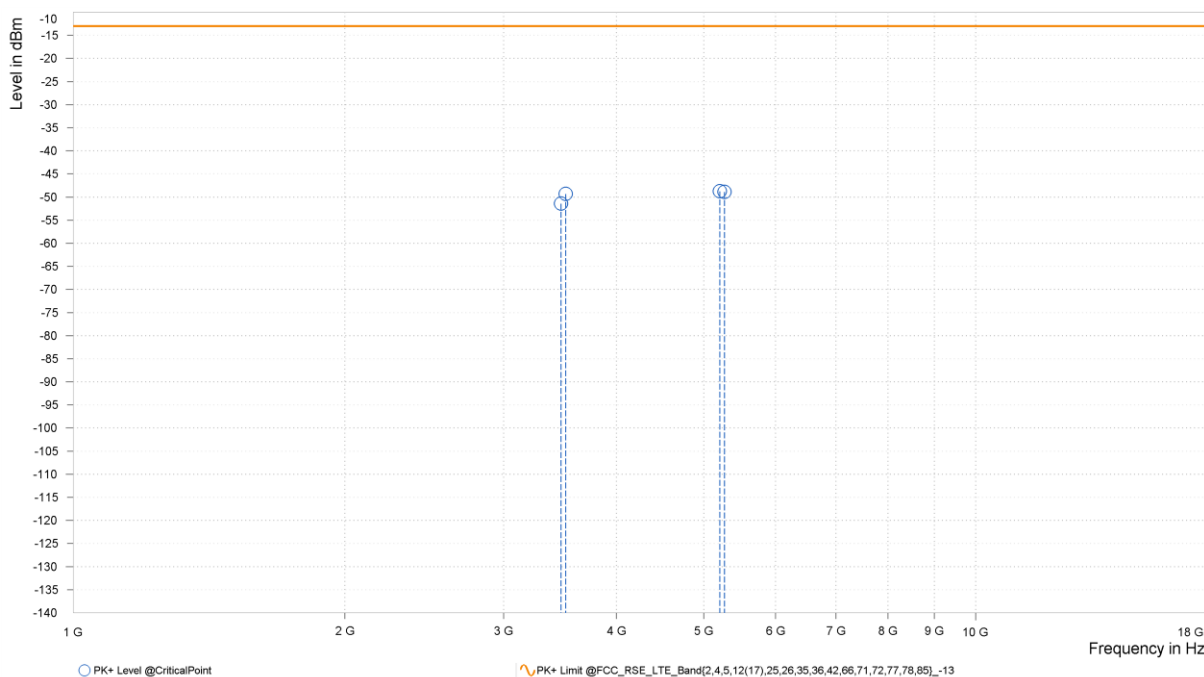




Test Report No.: PSU-NQN2403180115RF09

MODE	TX channel PCC 132323	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 132521		
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	3,472.000	-51.43	-13.00	38.43	21.15	V	1.1	2.00
4	3,512.000	-49.34	-13.00	36.34	21.24	V	358.6	1.00
4	5,208.000	-48.77	-13.00	35.77	24.07	V	0.9	2.00
4	5,268.000	-48.89	-13.00	35.89	24.12	V	1.1	2.00

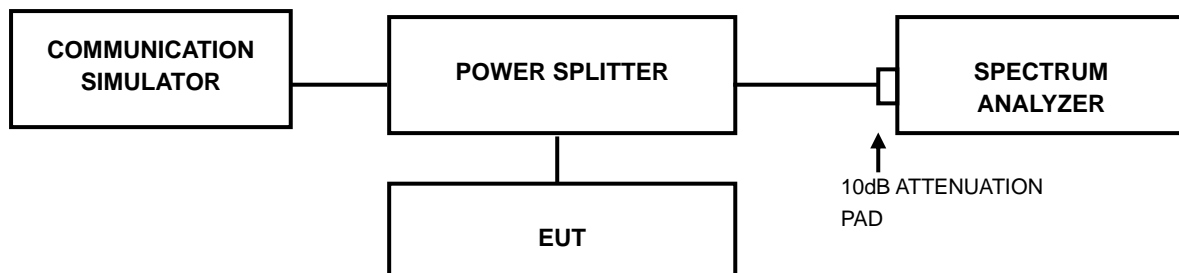


3.7 PEAK TO AVERAGE RATIO

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 \geq 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%.



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3.7.4 TEST RESULTS

Please Refer to single band Appendix G&H.



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4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 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:

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Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.



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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--