



Test Report No.: W7L-P23030025RF05

3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix Of this test report.

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm .

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G
- c. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}.$

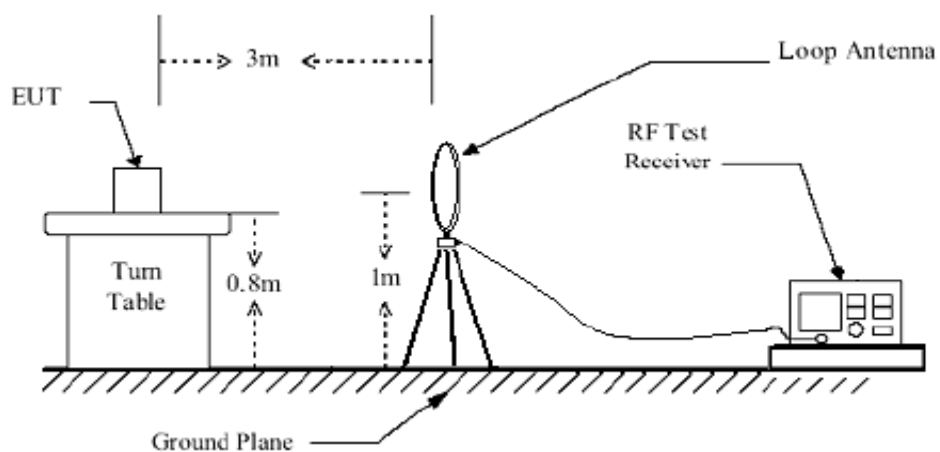
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

3.6.3 DEVIATION FROM TEST STANDARD

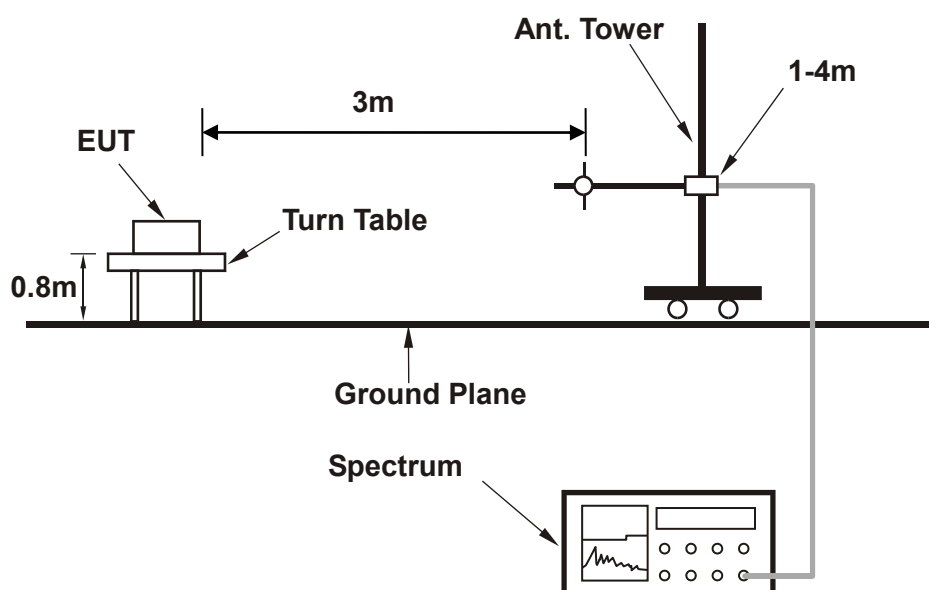
No deviation

3.6.4 TEST SETUP

< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >

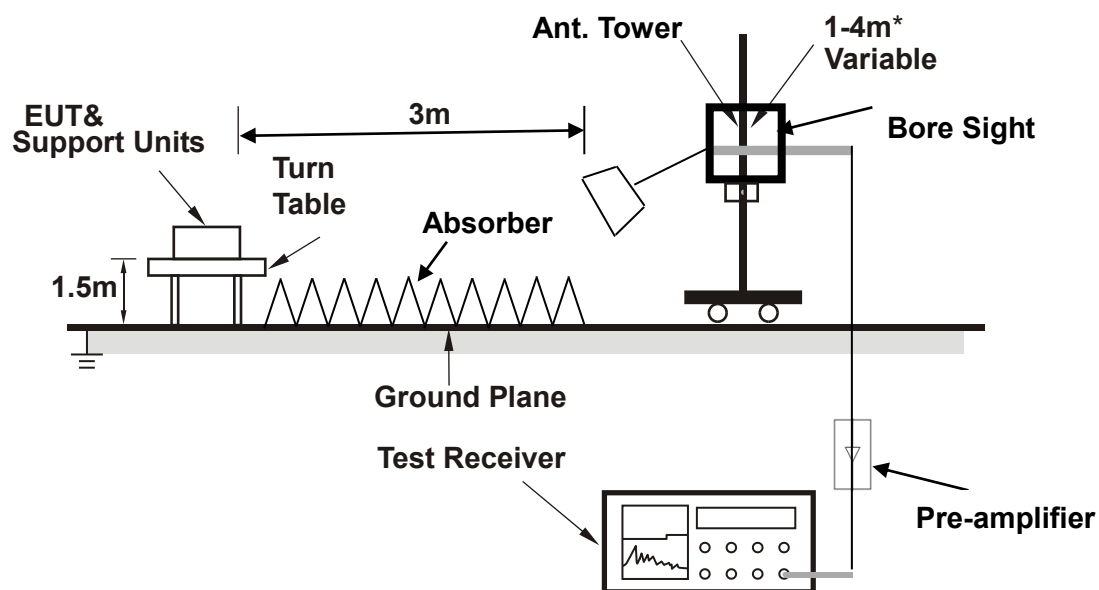




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<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



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Test Report No.: W7L-P23030025RF05

3.6.5 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

BELOW 1GHz WORST-CASE DATA

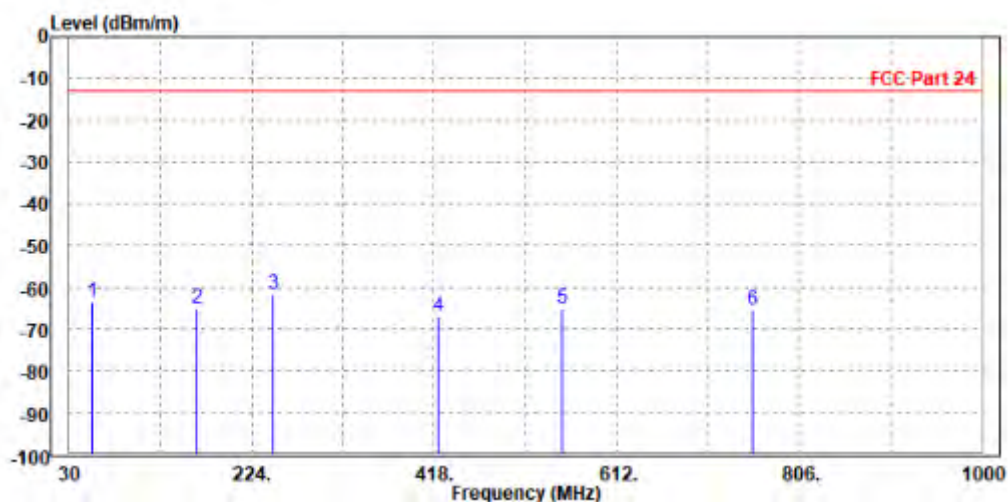
30 MHz – 1GHz data:

LTE Band 25:

CHANNEL BANDWIDTH: 1.4MHz / QPSK

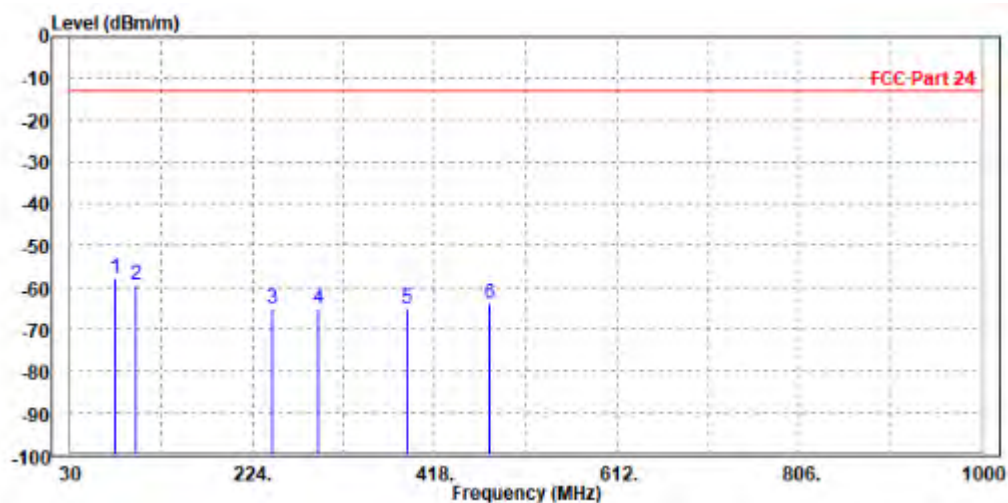
MODE	TX channel 26365	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read	Limit	Over			
	MHz	dBm/m	Level	Line	Limit	Factor	Remark	Pol/Phase
			dBm	dBm/m	dB	dB/m		
1	54.250	-63.68	-45.96	-13.00	-50.68	-17.72	Peak	Horizontal
2	165.800	-65.05	-48.87	-13.00	-52.05	-16.18	Peak	Horizontal
3 PP	246.310	-61.73	-49.84	-13.00	-48.73	-11.89	Peak	Horizontal
4	422.850	-67.01	-57.39	-13.00	-54.01	-9.62	Peak	Horizontal
5	553.800	-64.91	-58.92	-13.00	-51.91	-5.99	Peak	Horizontal
6	756.530	-65.42	-61.73	-13.00	-52.42	-3.69	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	78.500	-57.90	-38.23	-13.00	-44.90	-19.67 Peak	Vertical
2		99.840	-59.34	-52.83	-13.00	-46.34	-6.51 Peak	Vertical
3		245.340	-64.90	-50.89	-13.00	-51.90	-14.01 Peak	Vertical
4		294.810	-64.96	-53.86	-13.00	-51.96	-11.10 Peak	Vertical
5		388.900	-65.05	-55.85	-13.00	-52.05	-9.20 Peak	Vertical
6		476.200	-64.00	-55.70	-13.00	-51.00	-8.30 Peak	Vertical





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ABOVE 1GHz DATA

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

WORST-CASE DATA

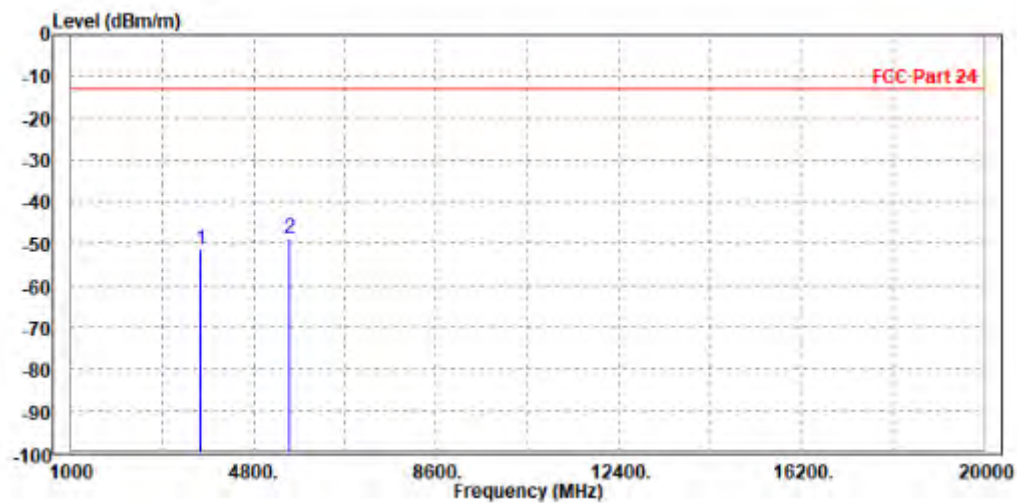
LTE Band 25

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH26047

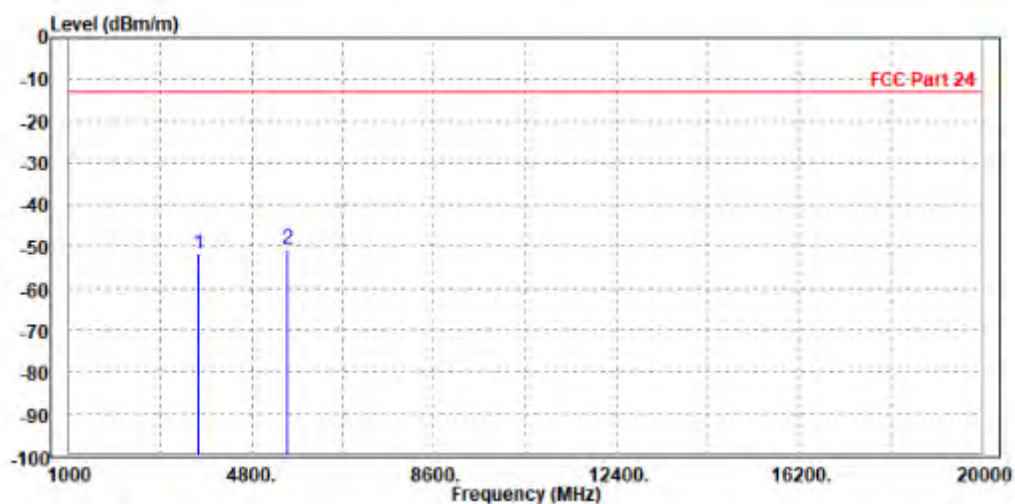
MODE	TX channel 26047	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3701.400	-51.50	-59.34	-13.00	-38.50	7.84	Peak	Horizontal
2 PP	5560.000	-48.77	-59.36	-13.00	-35.77	10.59	Peak	Horizontal



MODE	TX channel 26047	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

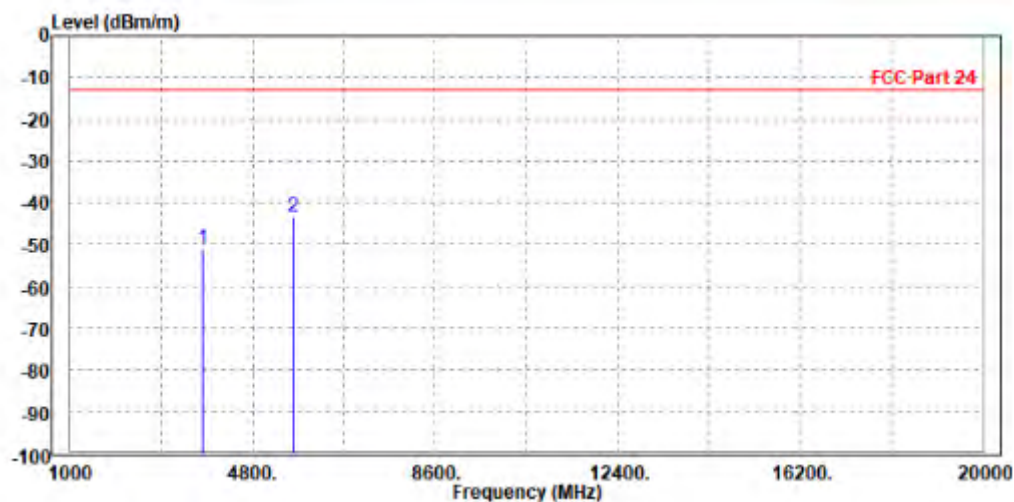
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3698.000	-51.77	-59.38	-13.00	-38.77	7.61	Peak	Vertical
2 PP	5552.100	-50.60	-61.48	-13.00	-37.60	10.88	Peak	Vertical



CH26365

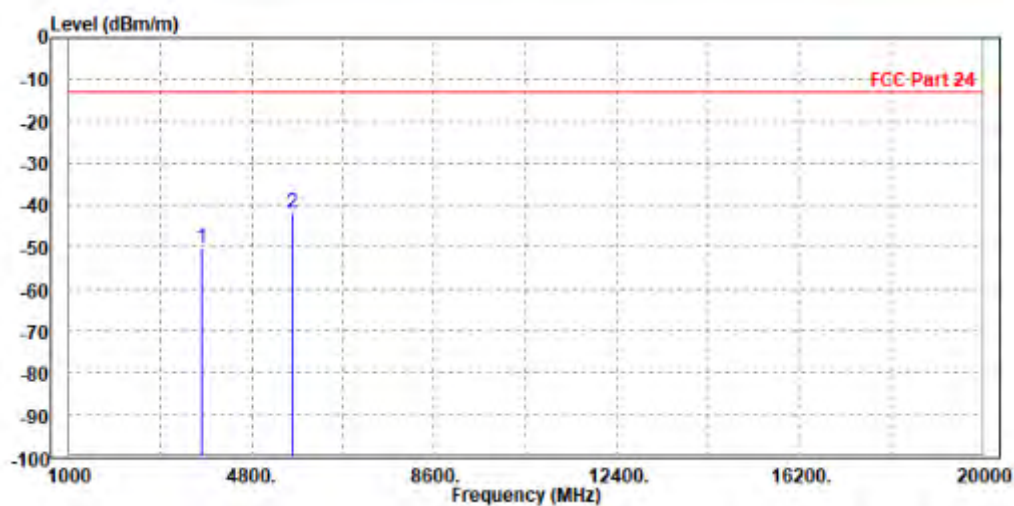
MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.13	-59.15	-13.00	-38.13	8.02	Peak	Horizontal
2 PP	5647.500	-43.24	-54.00	-13.00	-30.24	10.76	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read	Limit	Over			
	MHz	dBm/m	Level	Line	Limit	Factor	Remark	Pol/Phase
			dBm	dBm/m	dB	dB/m		
1	3765.000	-50.31	-58.01	-13.00	-37.31	7.70	Peak	Vertical
2 PP	5655.000	-41.70	-52.87	-13.00	-28.70	11.17	Peak	Vertical





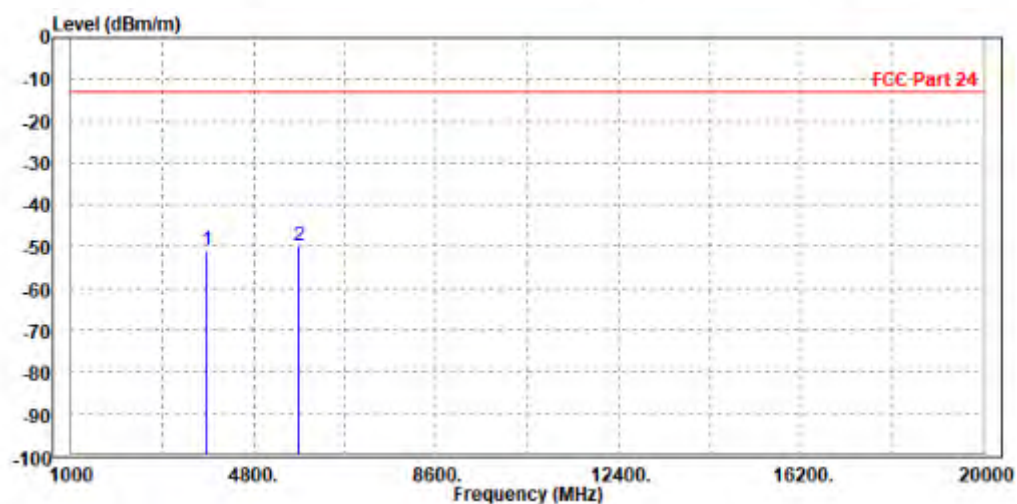
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CH26683

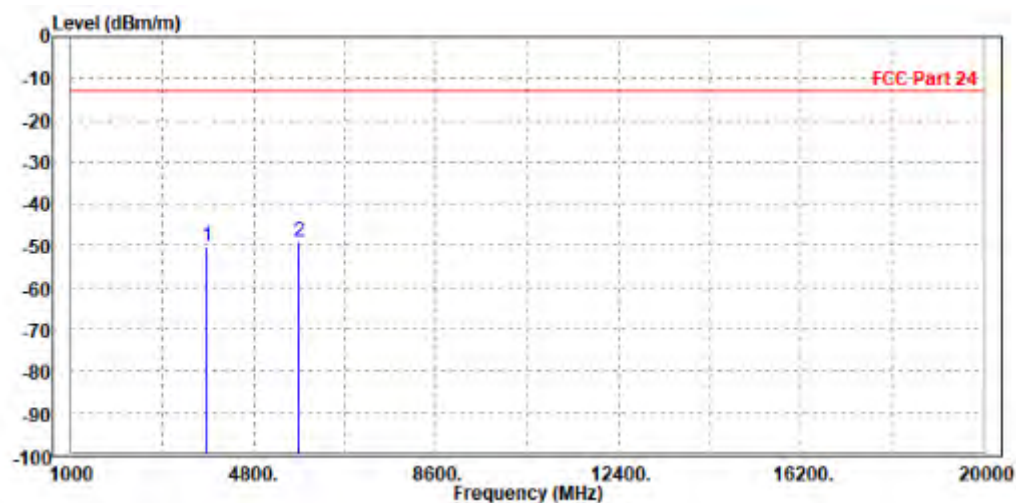
MODE	TX channel 26683	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3831.000	-50.82	-58.99	-13.00	-37.82	8.17	Peak	Horizontal
2 PP	5742.900	-49.66	-60.60	-13.00	-36.66	10.94	Peak	Horizontal



MODE	TX channel 26683	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3828.600	-50.29	-58.09	-13.00	-37.29	7.80	Peak	Vertical
2 PP	5750.000	-48.90	-60.34	-13.00	-35.90	11.44	Peak	Vertical





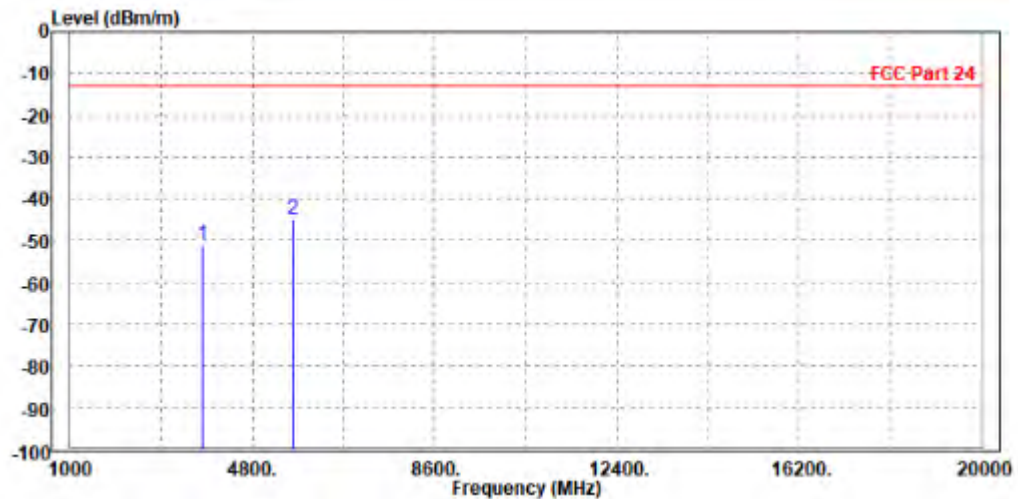
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CHANNEL BANDWIDTH: 3MHz / QPSK

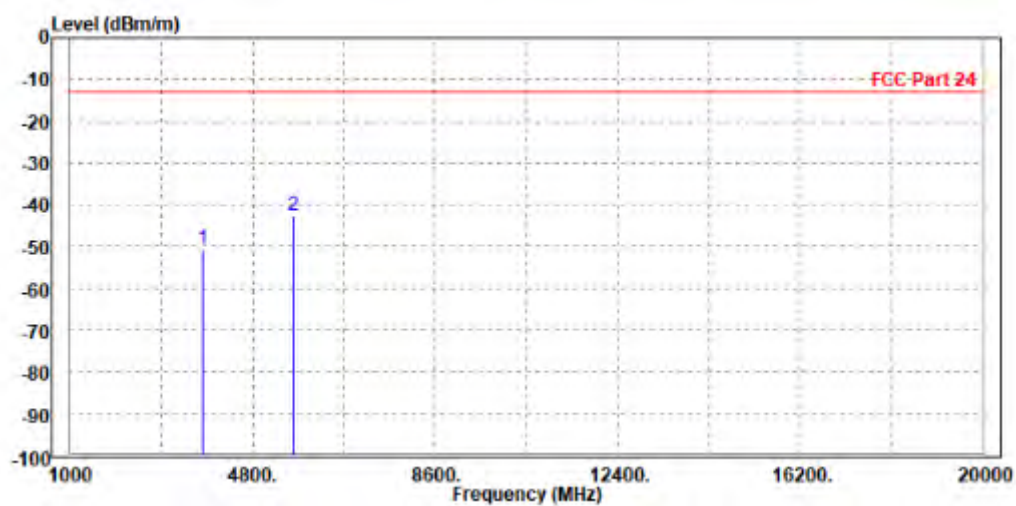
MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.10	-59.10	-13.00	-38.10	8.00	Peak	Horizontal
2 PP	5655.000	-45.04	-55.81	-13.00	-32.04	10.77	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

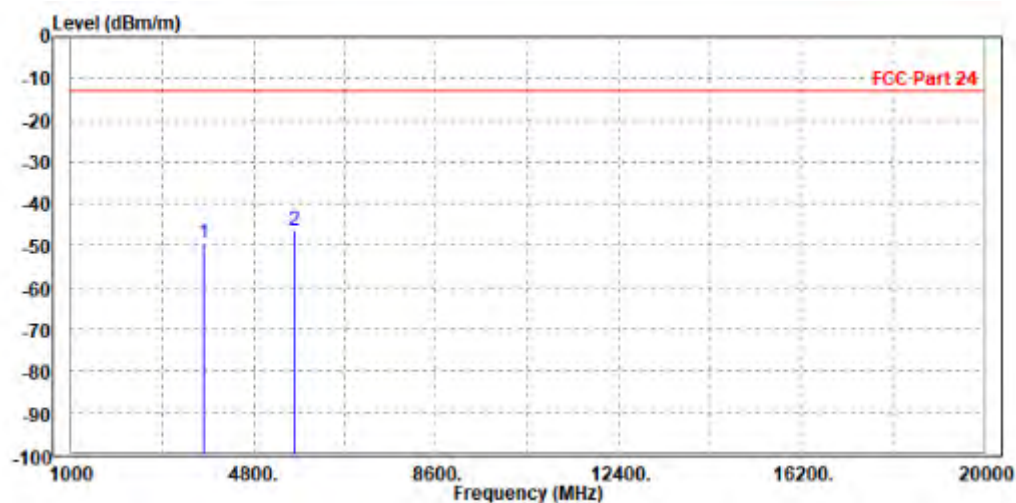
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-50.69	-58.41	-13.00	-37.69	7.72	Peak	Vertical
2 PP	5647.500	-42.60	-53.75	-13.00	-29.60	11.15	Peak	Vertical



CHANNEL BANDWIDTH: 5MHz / QPSK

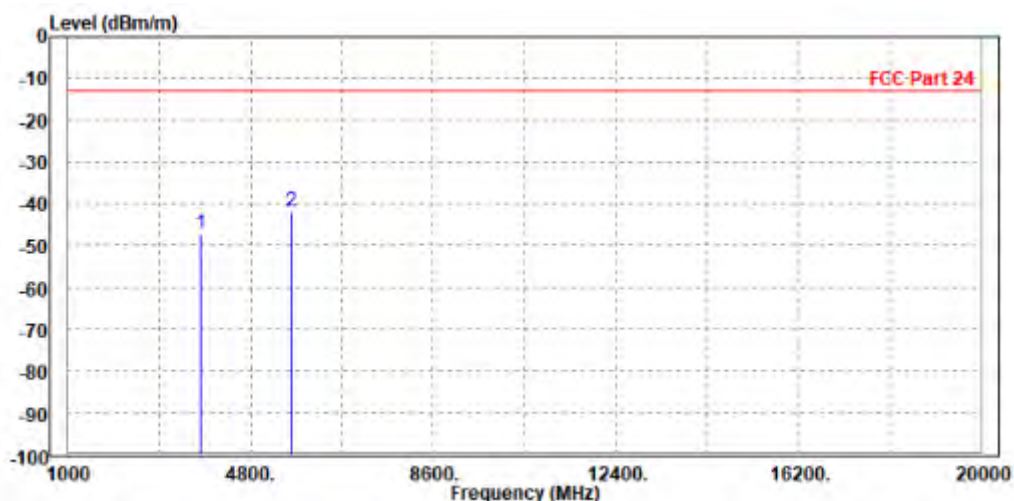
MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-49.39	-57.41	-13.00	-36.39	8.02	Peak	Horizontal
2 PP	5647.500	-46.55	-57.31	-13.00	-33.55	10.76	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

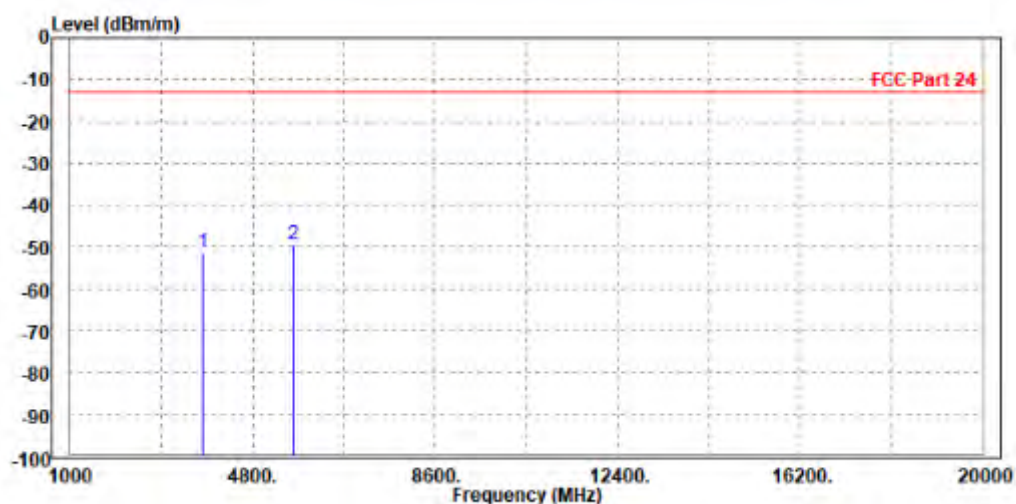
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-47.16	-54.86	-13.00	-34.16	7.70	Peak	Vertical
2 PP	5655.000	-41.82	-52.99	-13.00	-28.82	11.17	Peak	Vertical



CHANNEL BANDWIDTH: 10MHz / QPSK

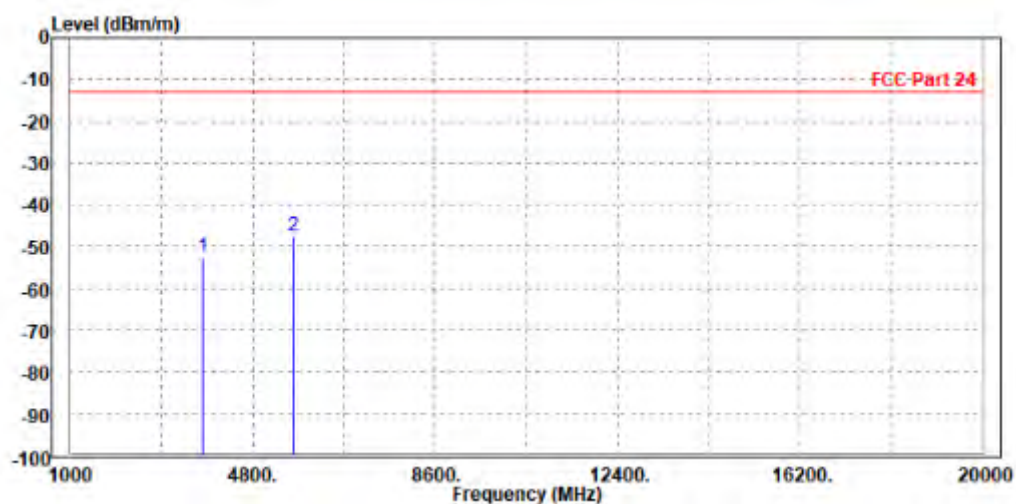
MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.52	-59.54	-13.00	-38.52	8.02	Peak	Horizontal
2 PP	5647.500	-49.43	-60.19	-13.00	-36.43	10.76	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

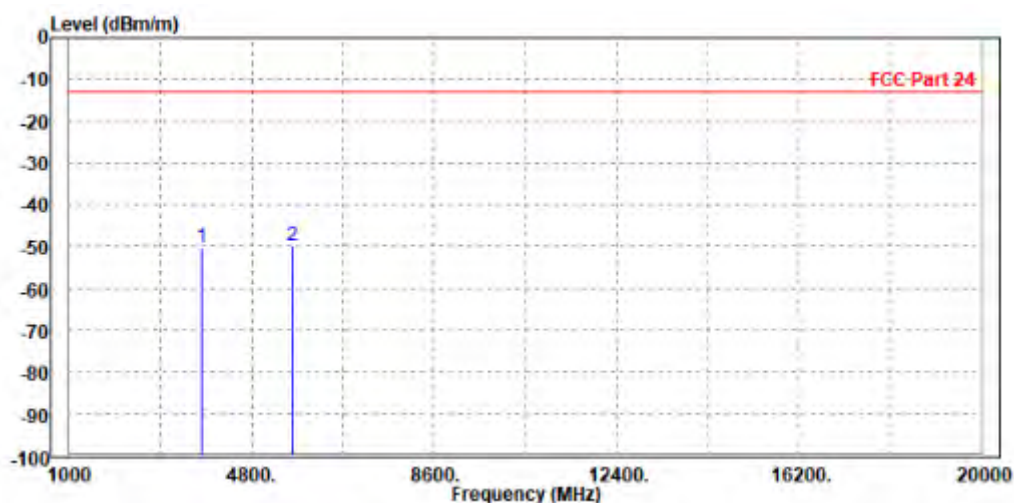
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.38	-60.08	-13.00	-39.38	7.70	Peak	Vertical
2 PP	5655.000	-47.39	-58.56	-13.00	-34.39	11.17	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

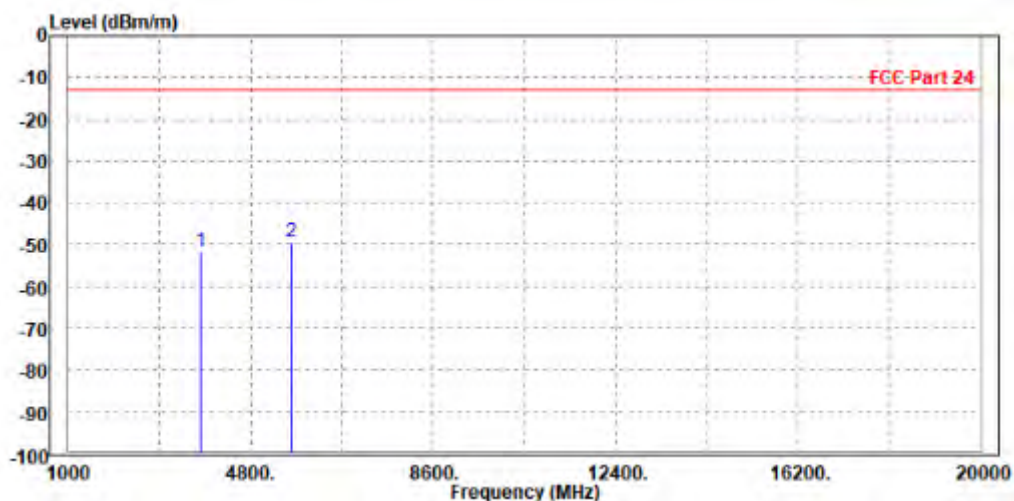
MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-50.03	-58.03	-13.00	-37.03	8.00	Peak	Horizontal
2 PP	5655.000	-49.89	-60.66	-13.00	-36.89	10.77	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

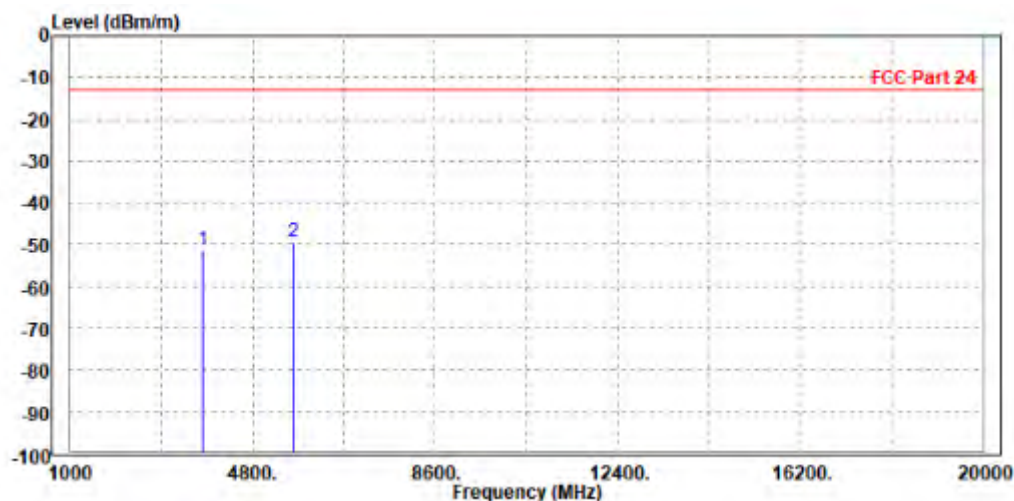
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.79	-59.51	-13.00	-38.79	7.72	Peak	Vertical
2 PP	5647.500	-49.27	-60.42	-13.00	-36.27	11.15	Peak	Vertical



CHANNEL BANDWIDTH: 20MHz / QPSK

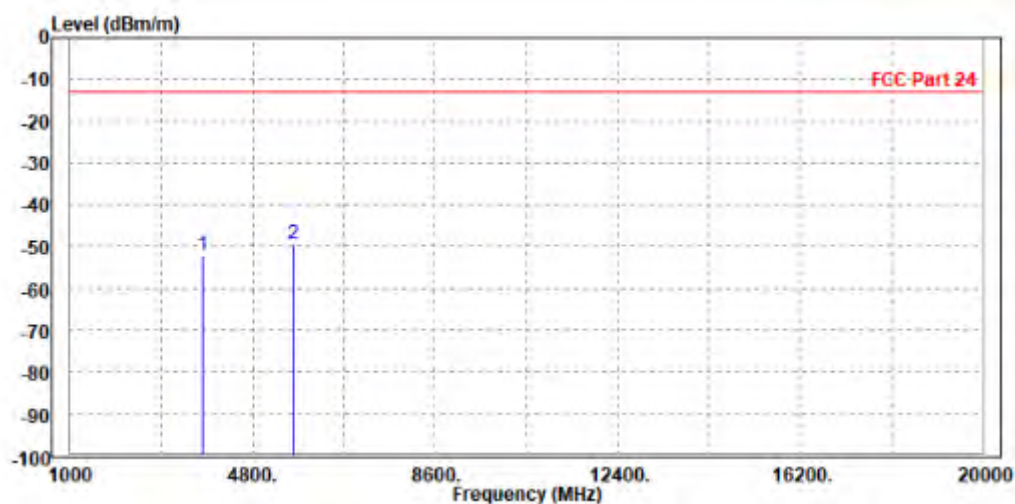
MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.20	-59.22	-13.00	-38.20	8.02	Peak	Horizontal
2 PP	5647.500	-49.56	-60.32	-13.00	-36.56	10.76	Peak	Horizontal



MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.98	-59.68	-13.00	-38.98	7.70	Peak	Vertical
2 PP	5655.000	-49.26	-60.43	-13.00	-36.26	11.17	Peak	Vertical

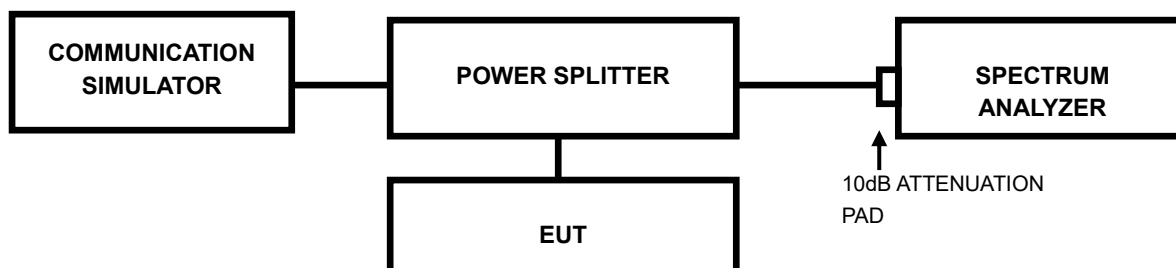


3.7 PEAK TO AVERAGE RATIO

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 Appendix Of this test report.



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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:

Shenzhen EMC/RF Lab:

Tel: +86-755-88696566

Fax: +86-755-88696577

Email: customerservice.sw@bureauveritas.com

Web Site: www.adt.com.tw

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



Test Report No.: W7L-P23030025RF05

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

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

6 APPENDIX

LTE BAND 25(INCLUDING LTE BAND2)

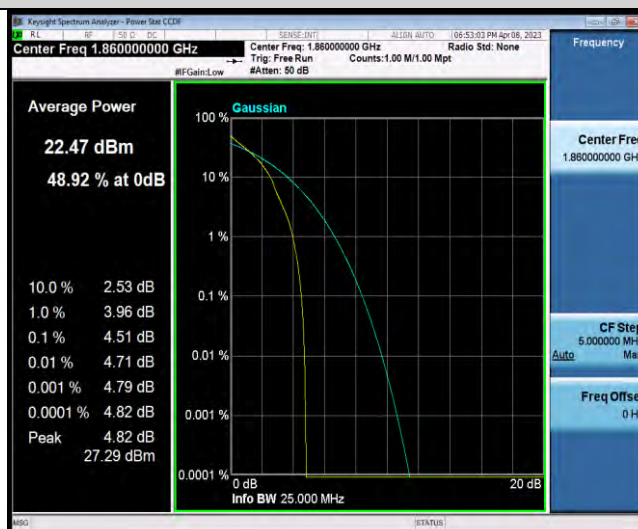
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

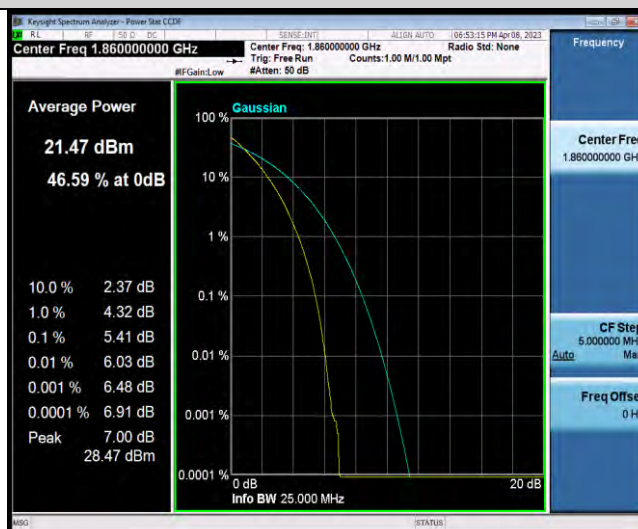
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	1RB#0	4.51	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.41	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	5.56	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.64	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	5.30	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.73	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.54	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.54	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	6.62	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.45	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	6.54	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.52	13	PASS
Band25	20MHz	64QAM	26140	1RB#0	5.68	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.40	13	PASS
Band25	20MHz	64QAM	26365	1RB#0	6.49	13	PASS
Band25	20MHz	64QAM	26365	100RB#0	6.76	13	PASS
Band25	20MHz	64QAM	26590	1RB#0	6.39	13	PASS
Band25	20MHz	64QAM	26590	100RB#0	6.78	13	PASS

Test Graphs

Band25-20MHz-QPSK-26140-1RB#0



Band25-20MHz-QPSK-26140-100RB#0

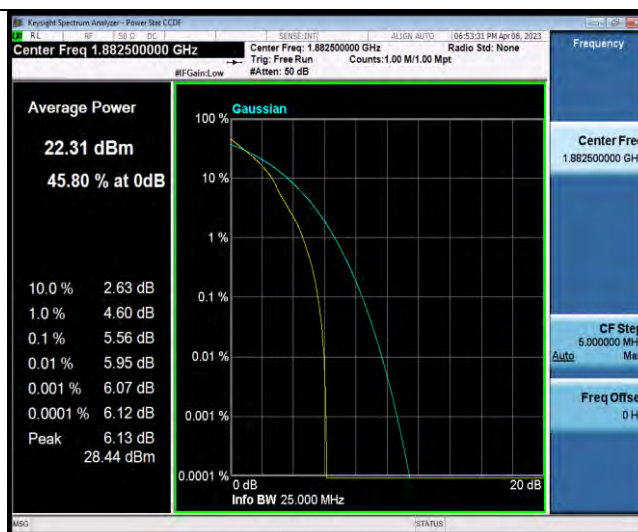


Band25-20MHz-QPSK-26365-1RB#0



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Test Report No.: W7L-P23030025RF05



Band25-20MHz-QPSK-26365-100RB#0



Band25-20MHz-QPSK-26590-1RB#0

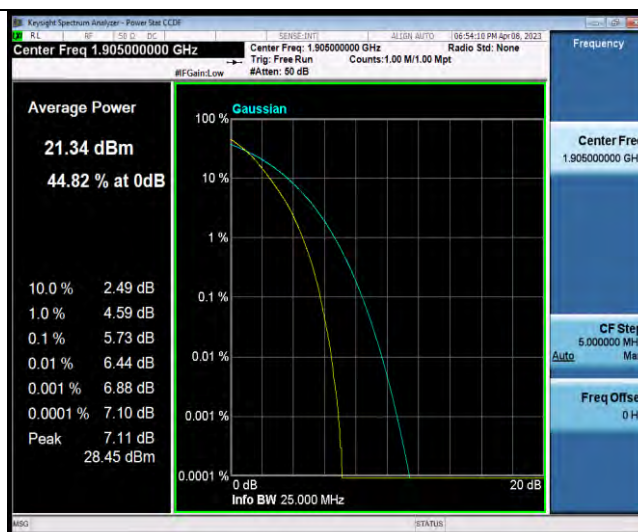


Band25-20MHz-QPSK-26590-100RB#0



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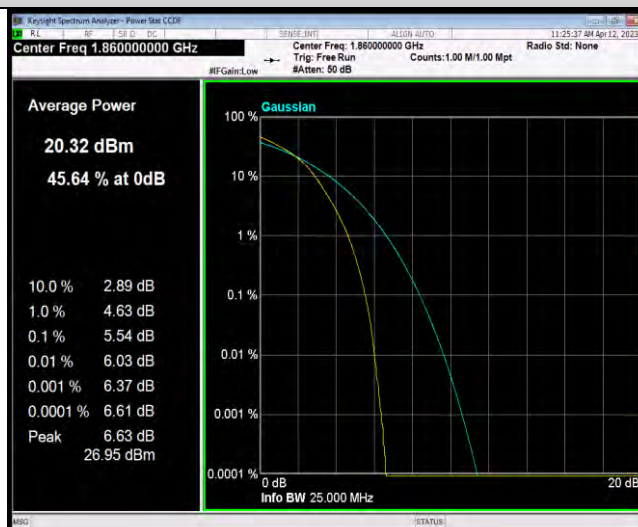
Test Report No.: W7L-P23030025RF05



Band25-20MHz-16QAM-26140-1RB#0



Band25-20MHz-16QAM-26140-100RB#0



Band25-20MHz-16QAM-26365-1RB#0



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Test Report No.: W7L-P23030025RF05



Band25-20MHz-16QAM-26365-100RB#0



Band25-20MHz-16QAM-26590-1RB#0



Band25-20MHz-16QAM-26590-100RB#0



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Test Report No.: W7L-P23030025RF05



Band25-20MHz-64QAM-26140-1RB#0



Band25-20MHz-64QAM-26140-100RB#0



Band25-20MHz-64QAM-26365-1RB#0



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VERITAS

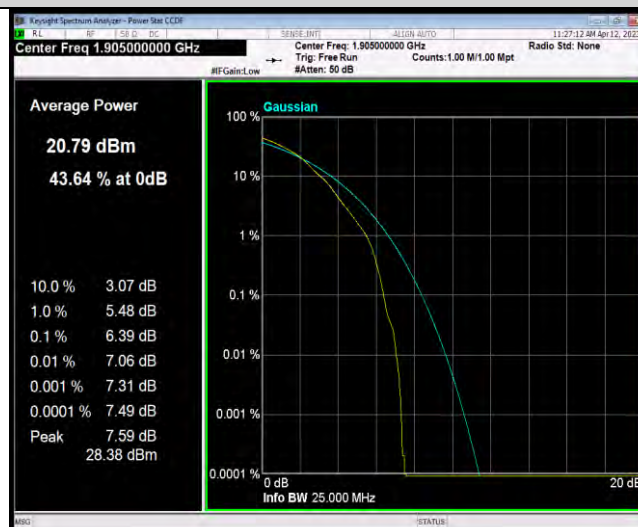
Test Report No.: W7L-P23030025RF05



Band25-20MHz-64QAM-26365-100RB#0



Band25-20MHz-64QAM-26590-1RB#0



Band25-20MHz-64QAM-26590-100RB#0



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Test Report No.: W7L-P23030025RF05



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0891	1.253	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0890	1.263	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0912	1.262	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0926	1.276	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0943	1.276	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0944	1.271	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.0890	1.242	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.0894	1.246	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.0899	1.250	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7005	2.956	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6975	2.930	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6973	2.918	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6926	2.924	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6895	2.929	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6922	2.921	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.6992	2.923	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.6993	2.950	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.6968	2.925	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.4960	4.889	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.4974	4.838	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.4855	4.869	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5030	4.886	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.4995	4.877	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.4907	4.871	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.4980	4.879	PASS
Band25	5MHz	64QAM	26365	25RB#0	4.4988	4.862	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.4861	4.911	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9755	9.631	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9691	9.537	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9287	9.534	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9611	9.575	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9629	9.534	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9204	9.496	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.9428	9.535	PASS
Band25	10MHz	64QAM	26365	50RB#0	8.9594	9.539	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.9237	9.491	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.414	14.29	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.433	14.26	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.409	14.21	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.399	14.23	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.424	14.24	PASS



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Test Report No.: W7L-P23030025RF05

Band25	15MHz	16QAM	26615	75RB#0	13.415	14.19	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.385	14.22	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.415	14.23	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.390	14.22	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.847	18.95	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.898	18.94	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.950	18.98	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.843	18.92	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.895	18.94	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.945	18.96	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.847	18.92	PASS
Band25	20MHz	64QAM	26365	100RB#0	17.899	18.94	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.957	18.96	PASS

Test Graphs



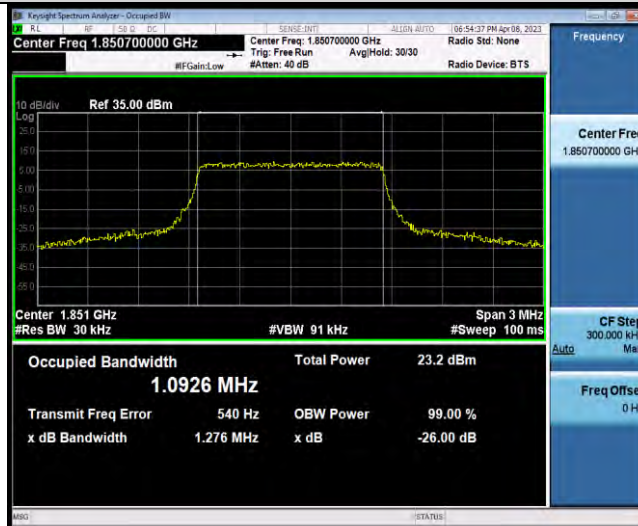


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Test Report No.: W7L-P23030025RF05



Band25-1.4MHz-16QAM-26047-6RB#0



Band25-1.4MHz-16QAM-26365-6RB#0



Band25-1.4MHz-16QAM-26683-6RB#0



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Test Report No.: W7L-P23030025RF05



Band25-1.4MHz-64QAM-26047-6RB#0



Band25-1.4MHz-64QAM-26365-6RB#0



Band25-1.4MHz-64QAM-26683-6RB#0

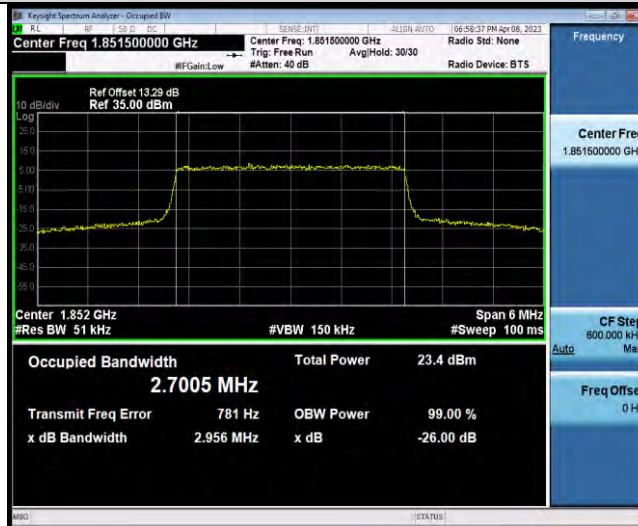


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Test Report No.: W7L-P23030025RF05



Band25-3MHz-QPSK-26055-15RB#0



Band25-3MHz-QPSK-26365-15RB#0

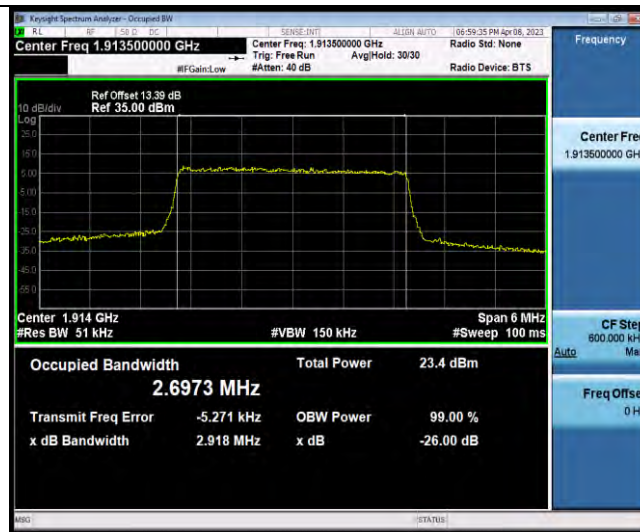


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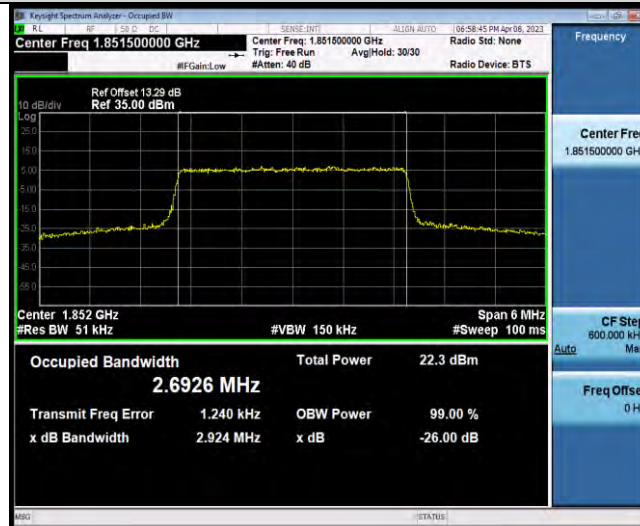


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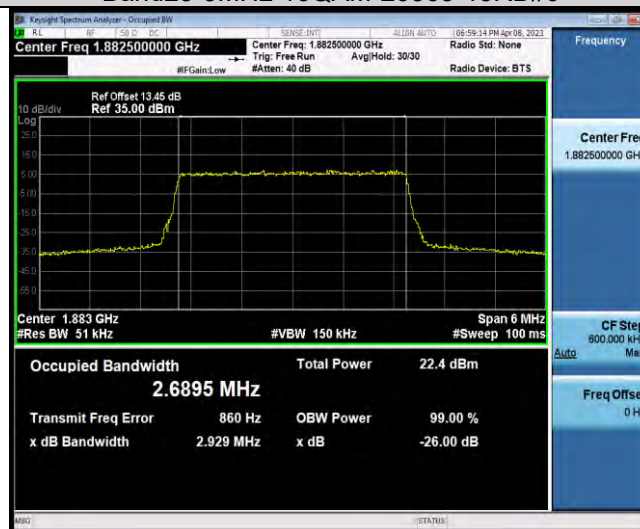
Test Report No.: W7L-P23030025RF05



Band25-3MHz-16QAM-26055-15RB#0



Band25-3MHz-16QAM-26365-15RB#0

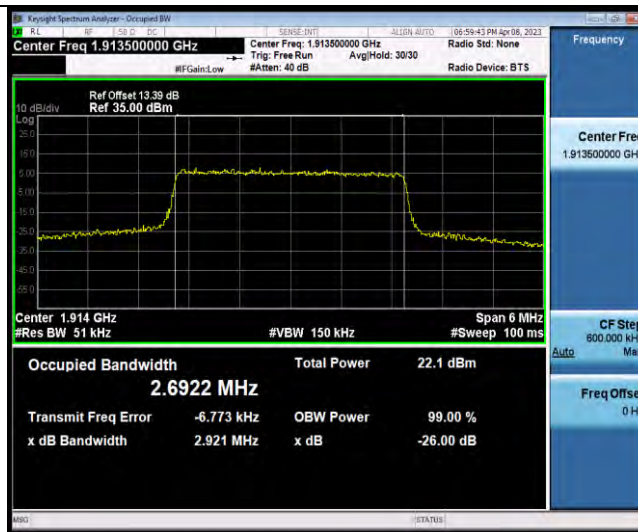


Band25-3MHz-16QAM-26675-15RB#0

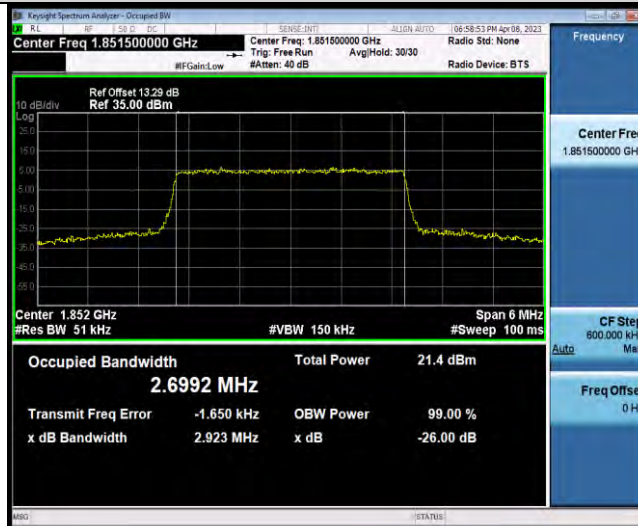


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Test Report No.: W7L-P23030025RF05



Band25-3MHz-64QAM-26055-15RB#0



Band25-3MHz-64QAM-26365-15RB#0



Band25-3MHz-64QAM-26675-15RB#0

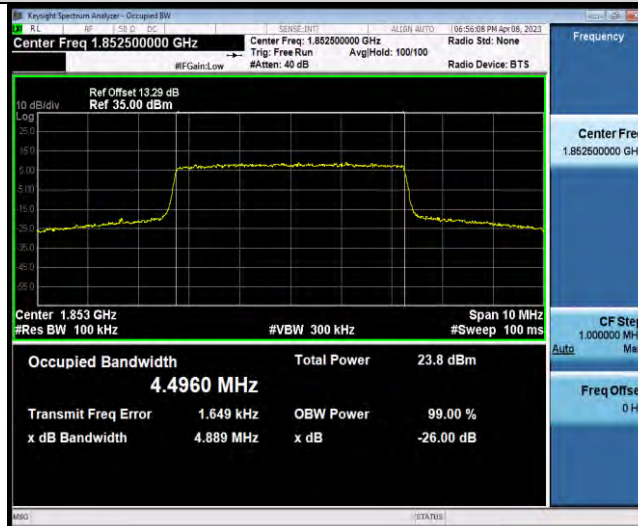


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Test Report No.: W7L-P23030025RF05



Band25-5MHz-QPSK-26065-25RB#0



Band25-5MHz-QPSK-26365-25RB#0



Band25-5MHz-QPSK-26665-25RB#0



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VERITAS

Test Report No.: W7L-P23030025RF05



Band25-5MHz-16QAM-26065-25RB#0



Band25-5MHz-16QAM-26365-25RB#0



Band25-5MHz-16QAM-26665-25RB#0



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VERITAS

Test Report No.: W7L-P23030025RF05



Band25-5MHz-64QAM-26065-25RB#0



Band25-5MHz-64QAM-26365-25RB#0



Band25-5MHz-64QAM-26665-25RB#0



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VERITAS

Test Report No.: W7L-P23030025RF05



Band25-10MHz-QPSK-26090-50RB#0



Band25-10MHz-QPSK-26365-50RB#0



Band25-10MHz-QPSK-26640-50RB#0

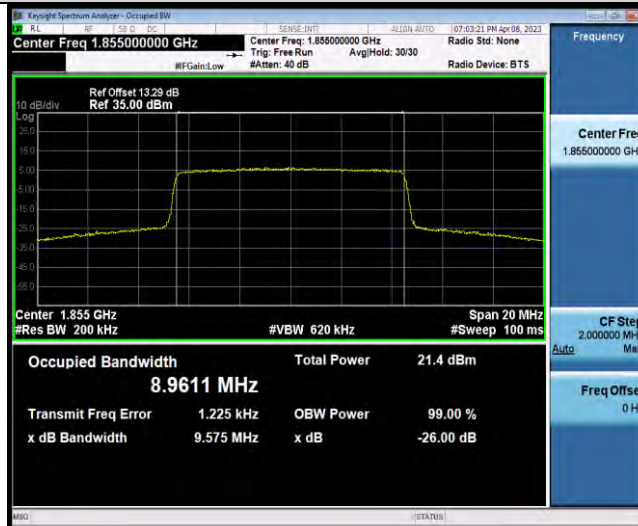


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VERITAS

Test Report No.: W7L-P23030025RF05



Band25-10MHz-16QAM-26090-50RB#0



Band25-10MHz-16QAM-26365-50RB#0



Band25-10MHz-16QAM-26640-50RB#0



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VERITAS

Test Report No.: W7L-P23030025RF05



Band25-10MHz-64QAM-26090-50RB#0



Band25-10MHz-64QAM-26365-50RB#0



Band25-10MHz-64QAM-26640-50RB#0

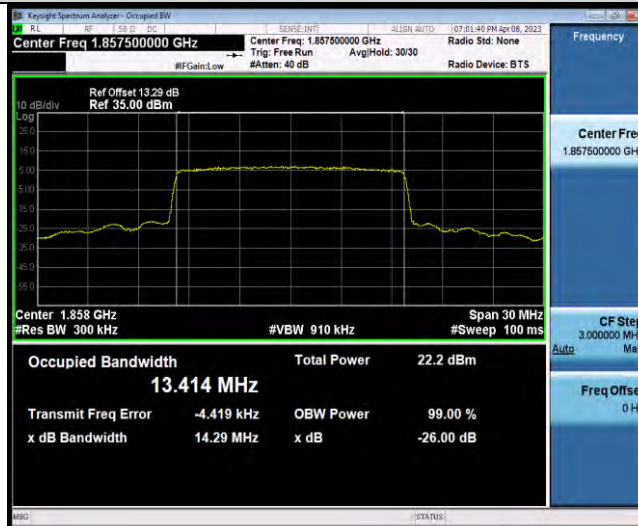


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Test Report No.: W7L-P23030025RF05



Band25-15MHz-QPSK-26115-75RB#0



Band25-15MHz-QPSK-26365-75RB#0



Band25-15MHz-QPSK-26615-75RB#0