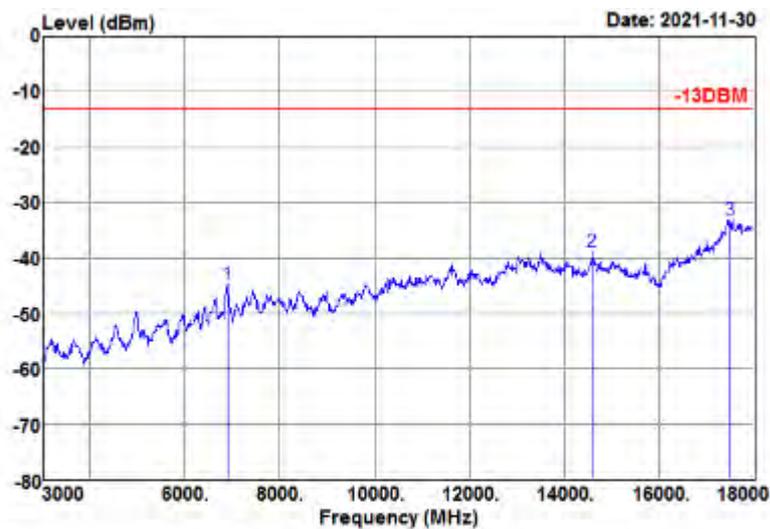
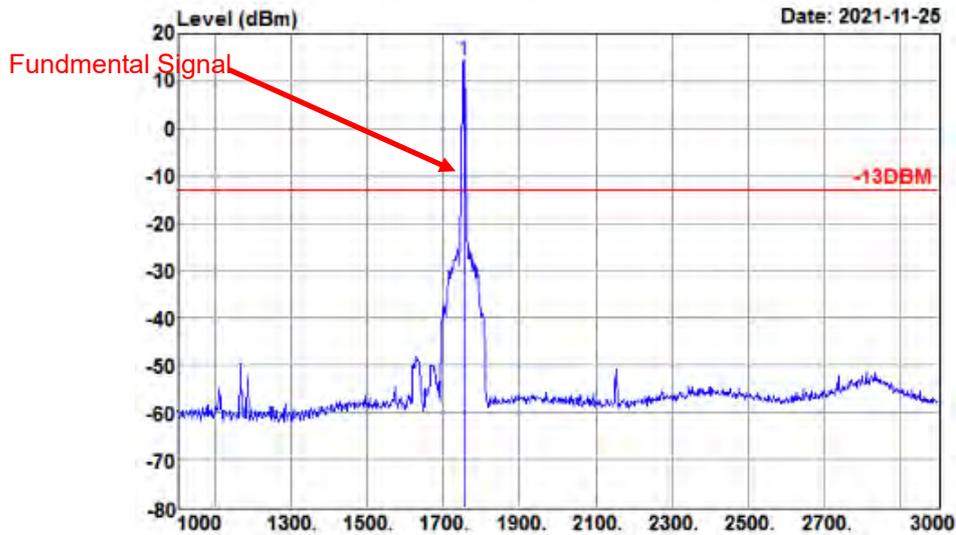




Test Report No.: W7L-P21100027RF16

CH 1413

MODE	TX channel 1413	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			

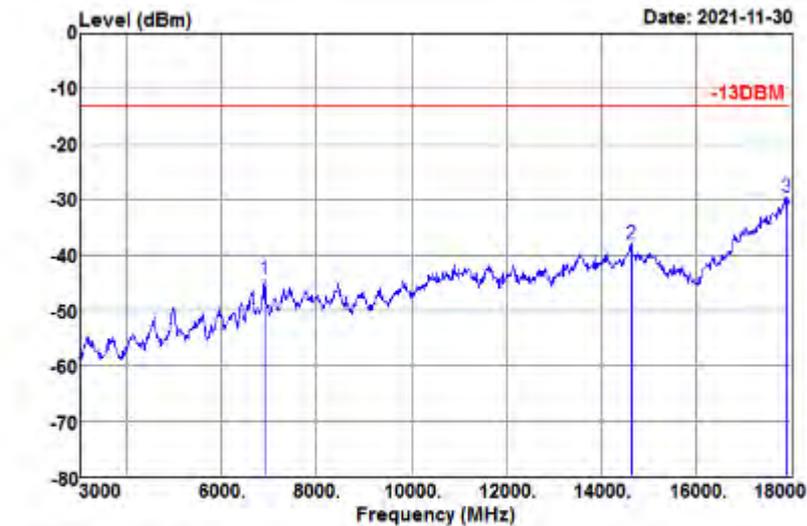
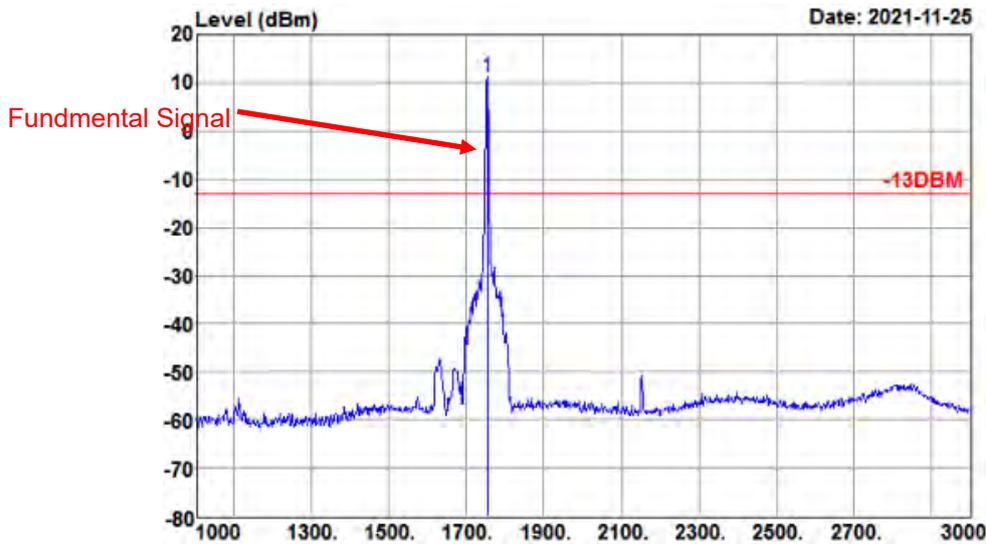


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.80	18.08	-44.72	-13.00	-31.72	Peak
14595.000	-65.44	26.53	-38.91	-13.00	-25.91	Peak
17505.000	-69.02	35.81	-33.21	-13.00	-20.21	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 1413	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			



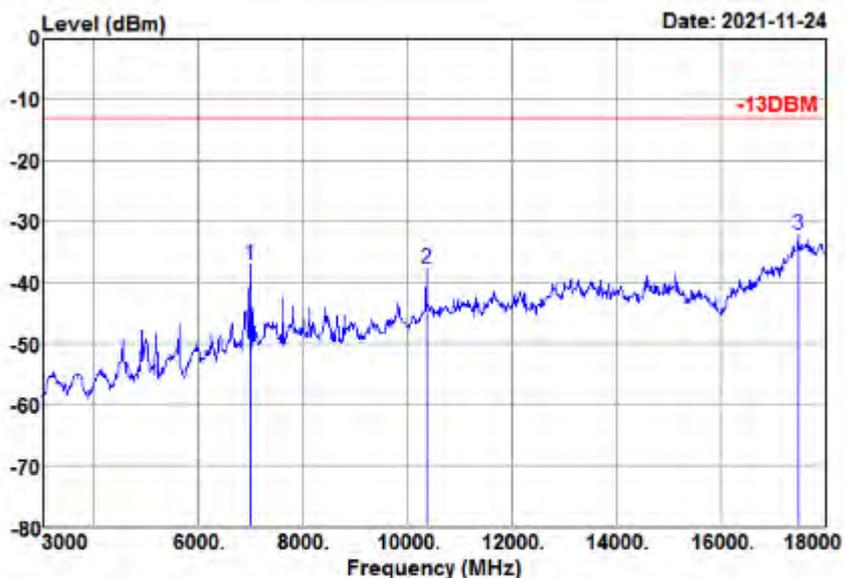
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6915.000	-62.87	18.46	-44.41	-13.00	-31.41	Peak
14640.000	-66.22	28.34	-37.88	-13.00	-24.88	Peak
17910.000	-69.27	39.67	-29.60	-13.00	-16.60	Peak



Test Report No.: W7L-P21100027RF16

CH 1513

MODE	TX channel 1513	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			

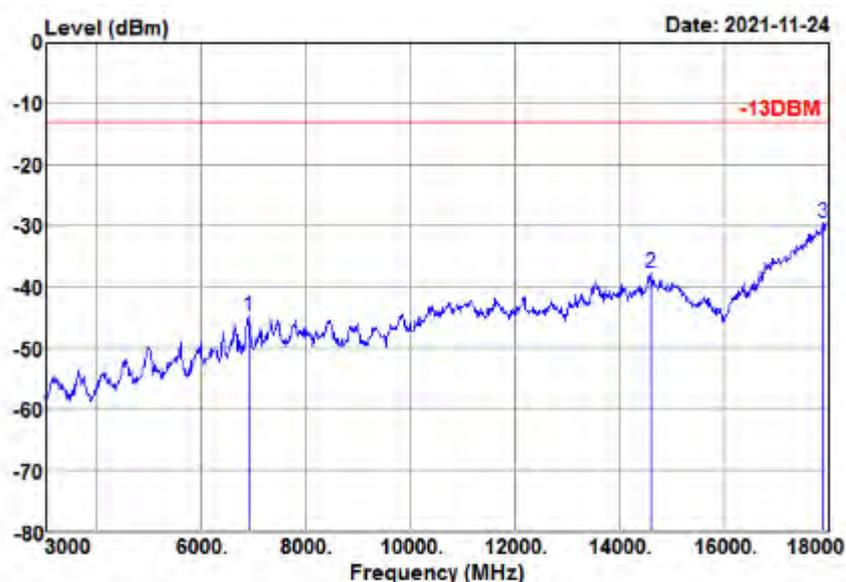


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
7005.000	-55.52	18.48	-37.04	-13.00	-24.04	Peak
10365.000	-60.89	23.20	-37.69	-13.00	-24.69	Peak
17490.000	-67.93	35.73	-32.20	-13.00	-19.20	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 1513	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-63.19	18.41	-44.78	-13.00	-31.78	Peak
14610.000	-66.01	28.30	-37.71	-13.00	-24.71	Peak
17925.000	-69.26	39.79	-29.47	-13.00	-16.47	Peak

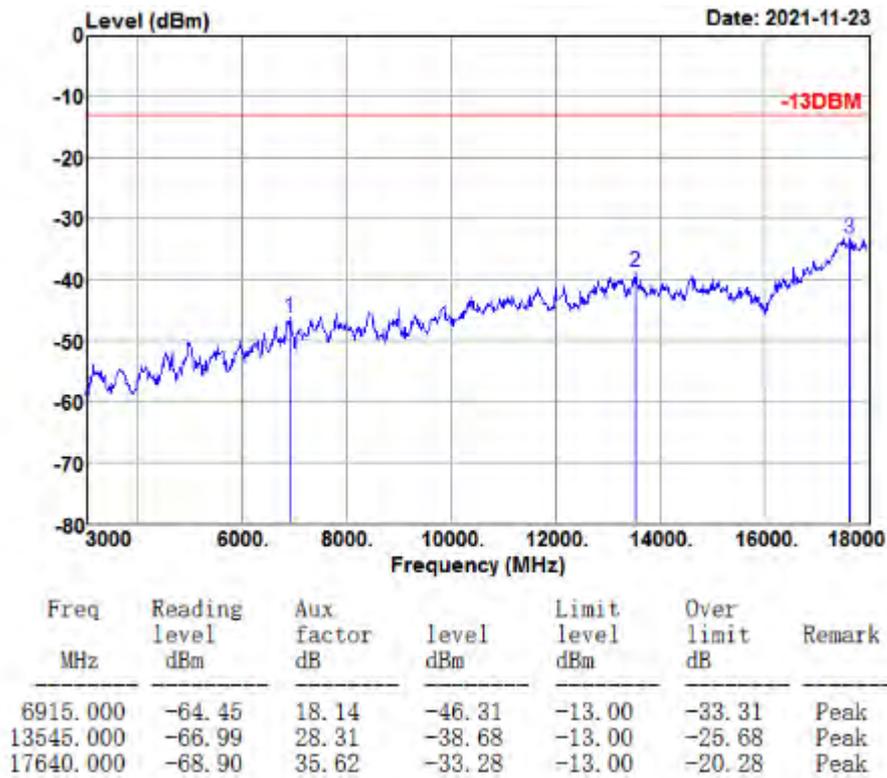


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

LTE Band 4(Ant0)
CHANNEL BANDWIDTH: 1.4MHz / QPSK

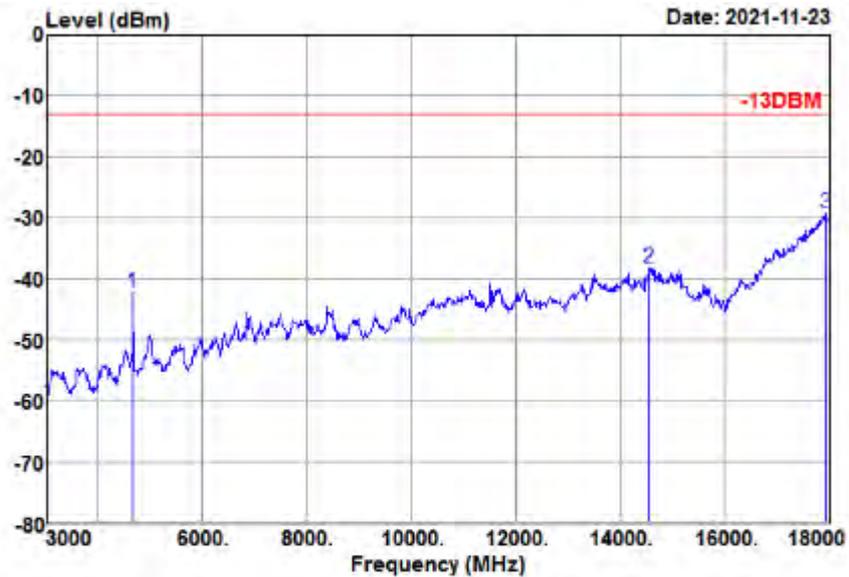
MODE	TX channel 20175	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			





Test Report No.: W7L-P21100027RF16

MODE	TX channel 20175	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
4665.000	-54.13	11.98	-42.15	-13.00	-29.15	Peak
14565.000	-66.35	28.24	-38.11	-13.00	-25.11	Peak
17955.000	-69.38	40.04	-29.34	-13.00	-16.34	Peak

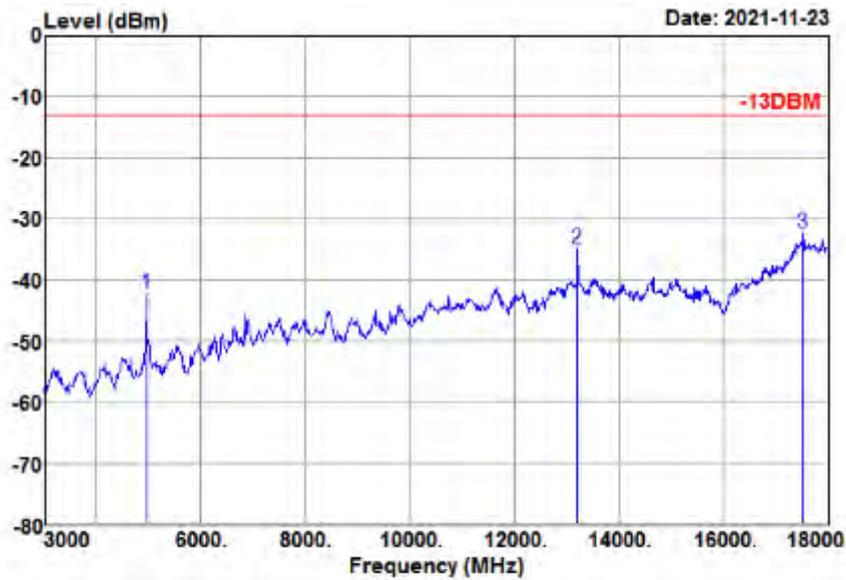


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 3MHz / QPSK

MODE	TX channel 20175	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			

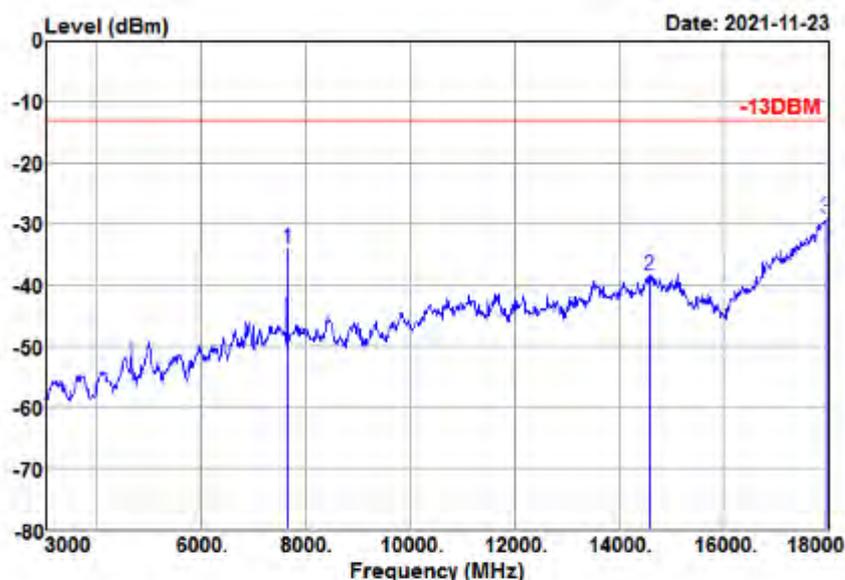


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
4965.000	-54.40	12.07	-42.33	-13.00	-29.33	Peak
13215.000	-63.55	28.59	-34.96	-13.00	-21.96	Peak
17535.000	-68.13	35.77	-32.36	-13.00	-19.36	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20175	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
7650.000	-54.57	20.52	-34.05	-13.00	-21.05	Peak
14595.000	-66.69	28.28	-38.41	-13.00	-25.41	Peak
17970.000	-69.25	40.16	-29.09	-13.00	-16.09	Peak

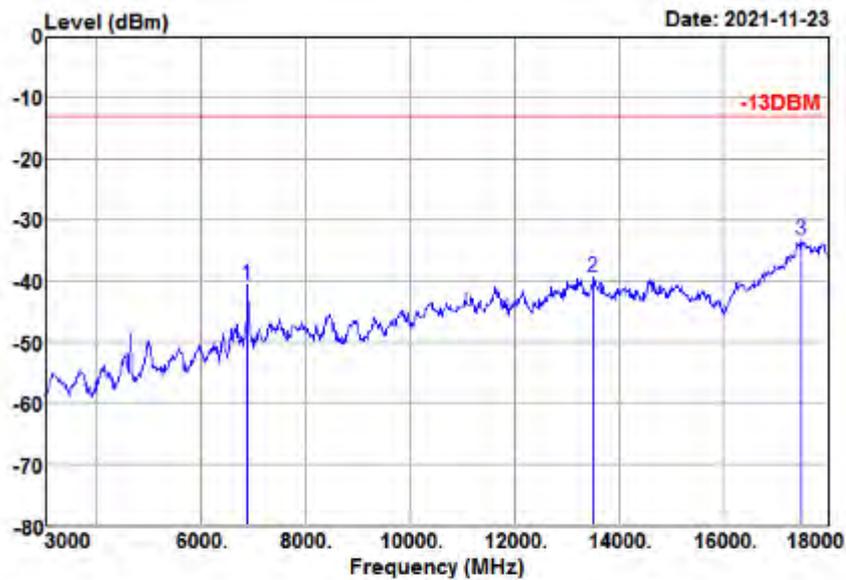


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 20175	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			

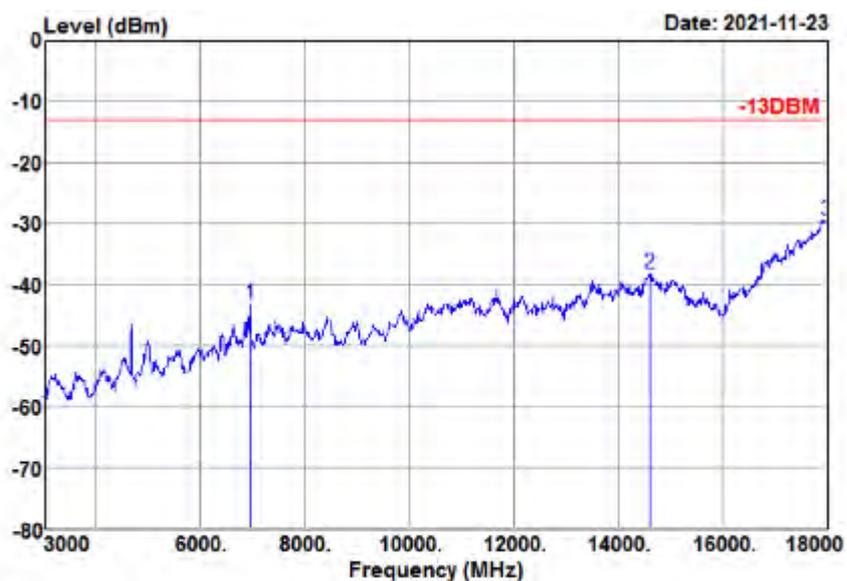


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-58.59	18.03	-40.56	-13.00	-27.56	Peak
13515.000	-67.91	28.41	-39.50	-13.00	-26.50	Peak
17505.000	-69.05	35.81	-33.24	-13.00	-20.24	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20175	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6960.000	-61.73	18.62	-43.11	-13.00	-30.11	Peak
14610.000	-66.48	28.30	-38.18	-13.00	-25.18	Peak
17985.000	-69.79	40.28	-29.51	-13.00	-16.51	Peak



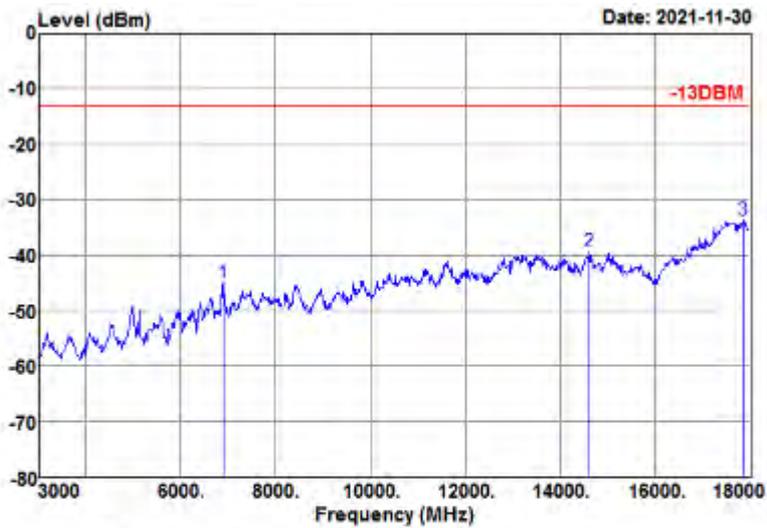
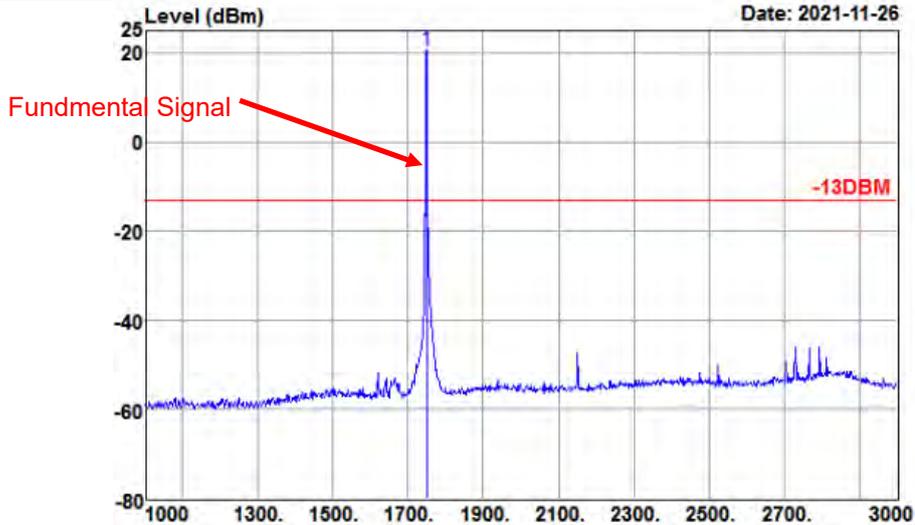
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 10MHz / QPSK

CH20000

MODE	TX channel 20000	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			

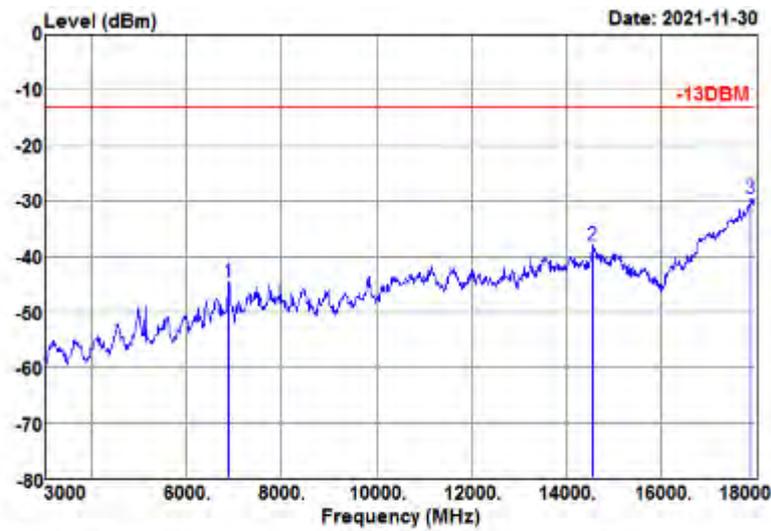
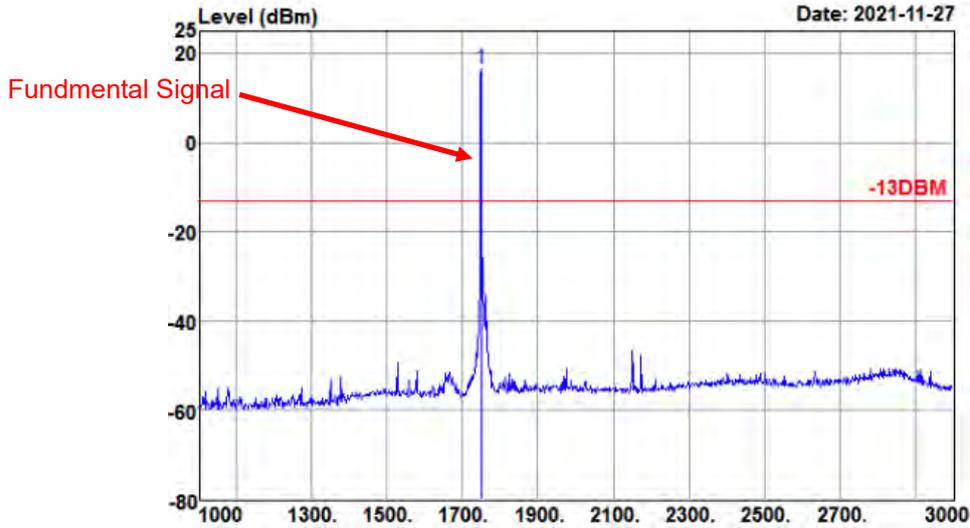


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-63.03	18.08	-44.95	-13.00	-31.95	Peak
14625.000	-65.92	26.59	-39.33	-13.00	-26.33	Peak
17850.000	-68.98	35.32	-33.66	-13.00	-20.66	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20000	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-63.06	18.36	-44.70	-13.00	-31.70	Peak
14565.000	-66.25	28.24	-38.01	-13.00	-25.01	Peak
17895.000	-69.12	39.55	-29.57	-13.00	-16.57	Peak

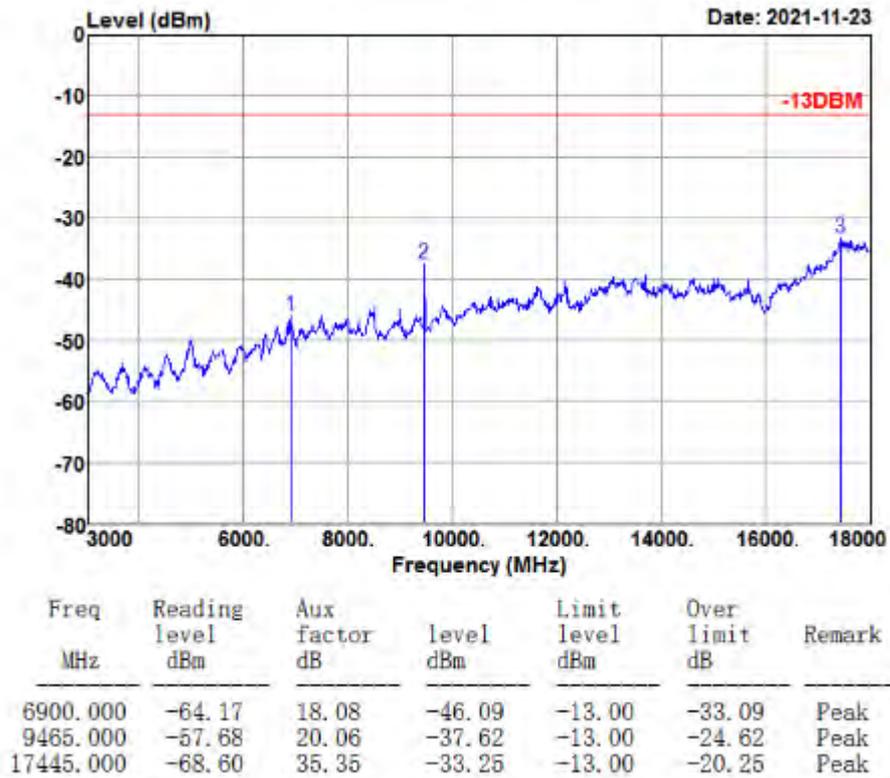


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CH20175

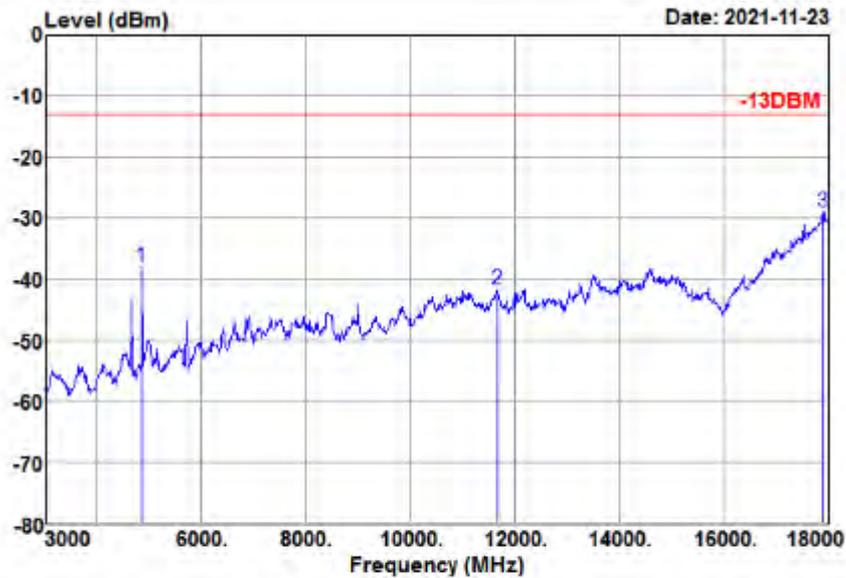
MODE	TX channel 20175	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			





Test Report No.: W7L-P21100027RF16

MODE	TX channel 20175	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
4860.000	-50.31	12.26	-38.05	-13.00	-25.05	Peak
11685.000	-67.23	25.48	-41.75	-13.00	-28.75	Peak
17910.000	-68.62	39.67	-28.95	-13.00	-15.95	Peak

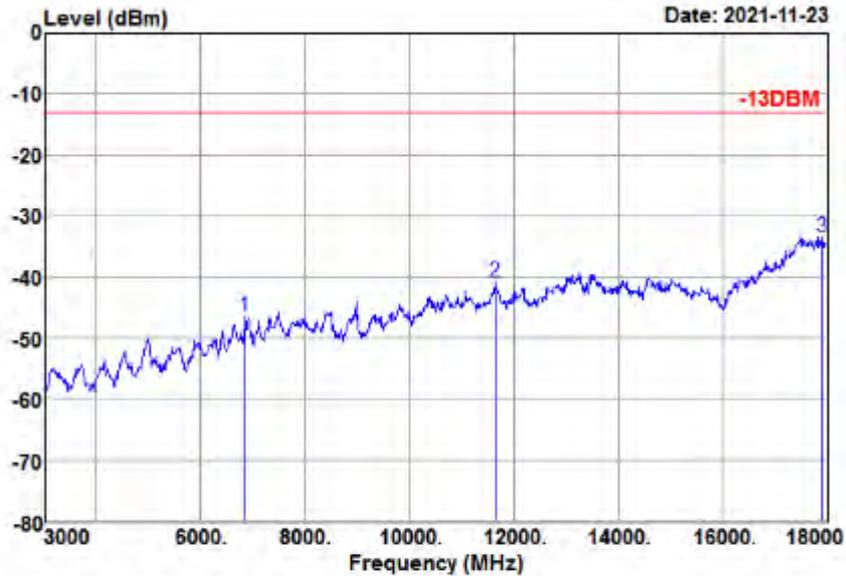


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VERITAS**

Test Report No.: W7L-P21100027RF16

CH20350

MODE	TX channel 20350	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			

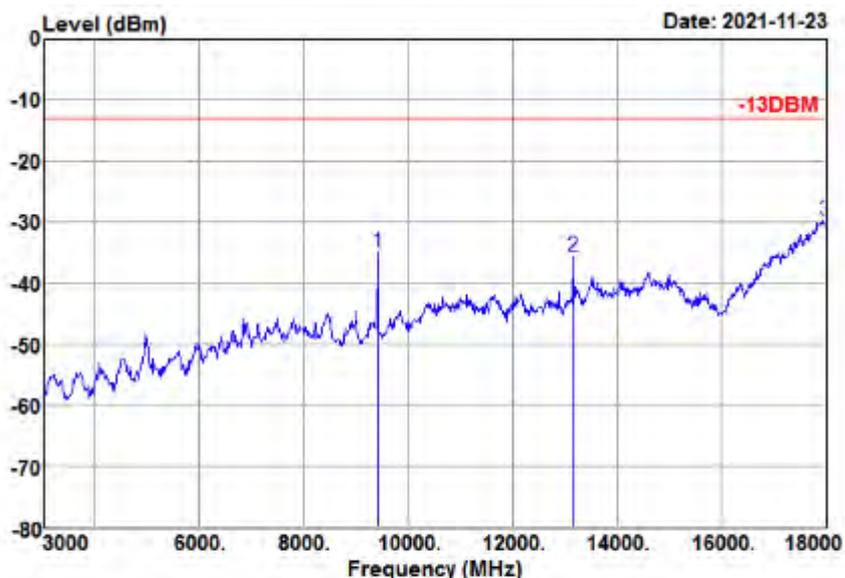


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-64.26	17.86	-46.40	-13.00	-33.40	Peak
11640.000	-66.79	25.87	-40.92	-13.00	-27.92	Peak
17910.000	-68.67	35.23	-33.44	-13.00	-20.44	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20350	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
9420.000	-54.80	19.83	-34.97	-13.00	-21.97	Peak
13170.000	-62.20	26.65	-35.55	-13.00	-22.55	Peak
17985.000	-69.95	40.28	-29.67	-13.00	-16.67	Peak

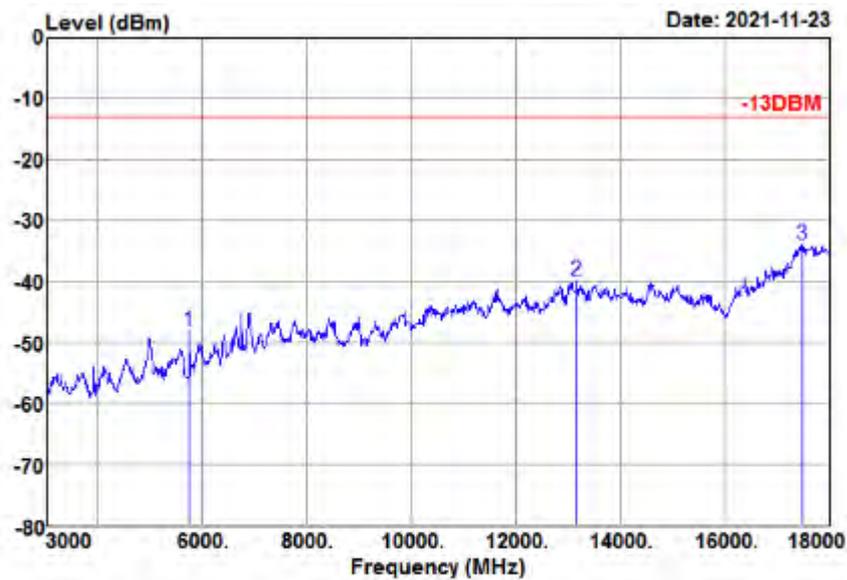


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 20175	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			

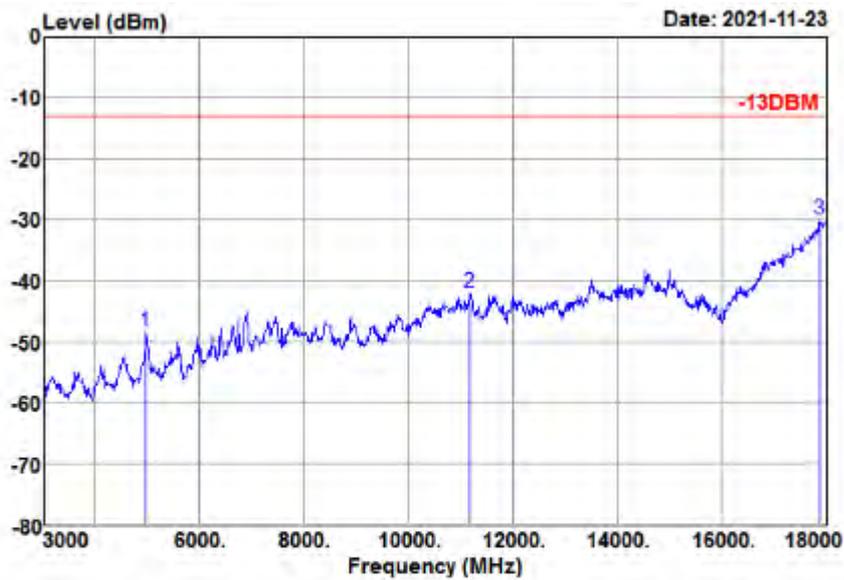


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
5745.000	-61.79	13.57	-48.22	-13.00	-35.22	Peak
13185.000	-68.39	28.60	-39.79	-13.00	-26.79	Peak
17505.000	-69.78	35.81	-33.97	-13.00	-20.97	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20175	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
4980.000	-60.82	12.43	-48.39	-13.00	-35.39	Peak
11175.000	-67.95	25.97	-41.98	-13.00	-28.98	Peak
17880.000	-69.45	39.43	-30.02	-13.00	-17.02	Peak

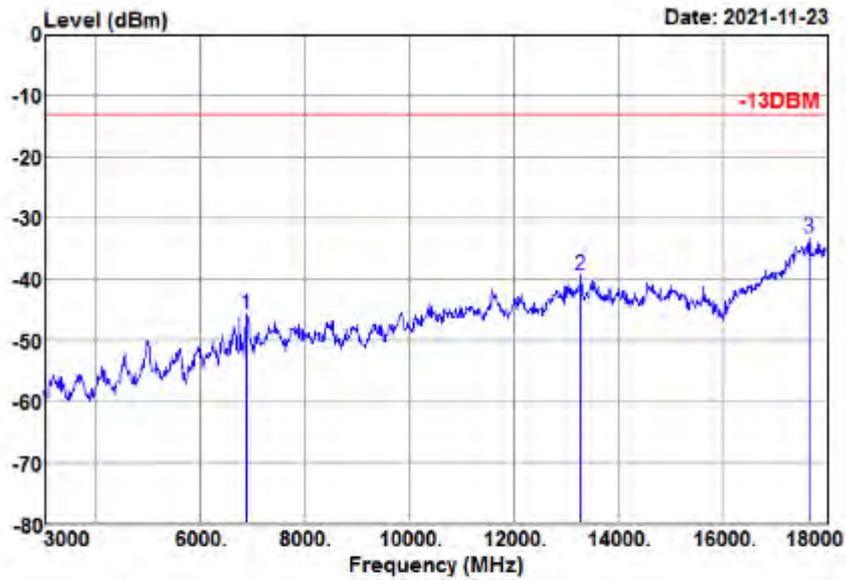


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 20175	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			

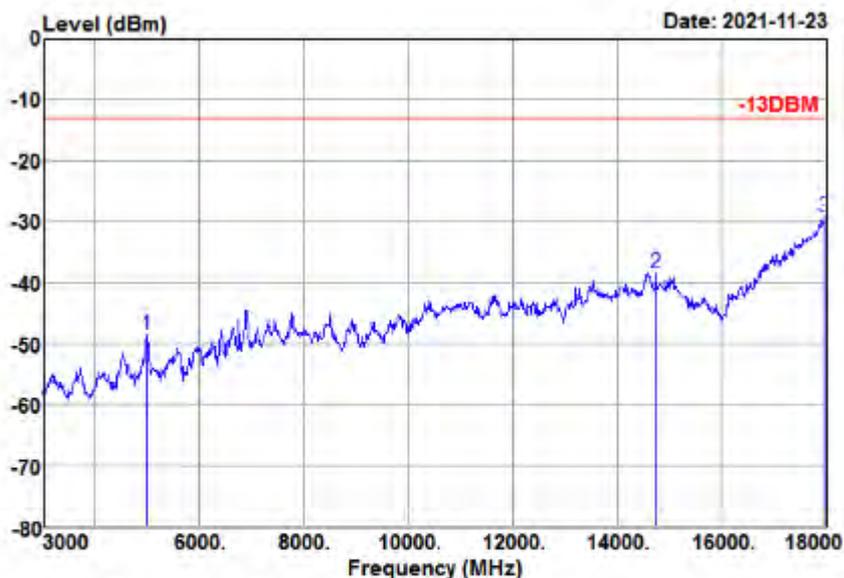


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-63.89	18.03	-45.86	-13.00	-32.86	Peak
13290.000	-67.99	28.55	-39.44	-13.00	-26.44	Peak
17670.000	-68.93	35.58	-33.35	-13.00	-20.35	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20175	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			



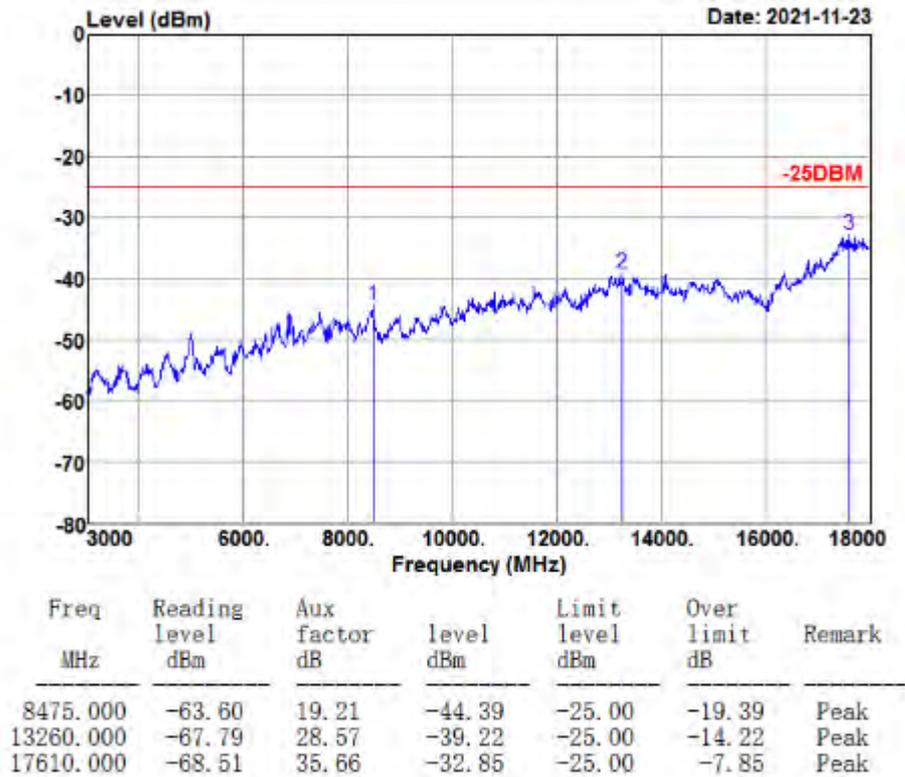
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
4995.000	-61.16	12.45	-48.71	-13.00	-35.71	Peak
14745.000	-66.89	28.48	-38.41	-13.00	-25.41	Peak
17970.000	-69.35	40.16	-29.19	-13.00	-16.19	Peak



Test Report No.: W7L-P21100027RF16

LTE Band 7(Ant0)
CHANNEL BANDWIDTH: 5MHz / QPSK

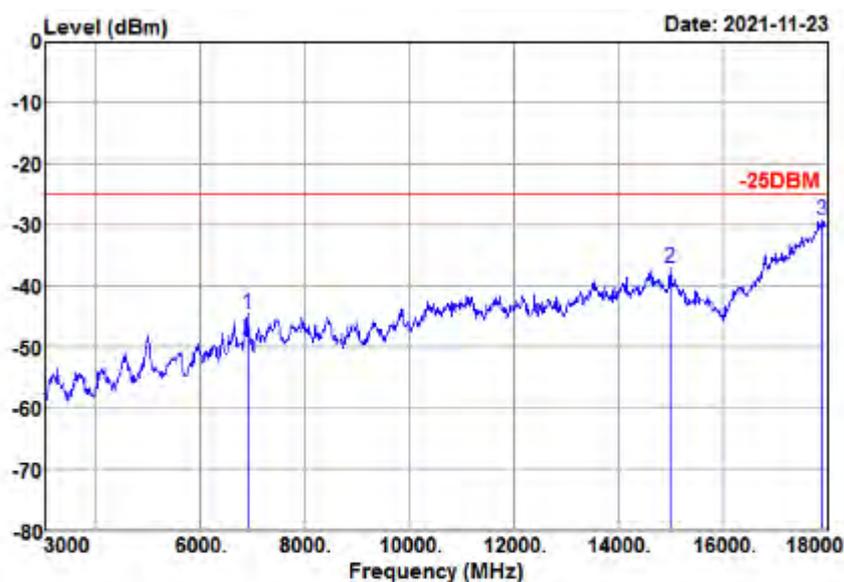
MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			





Test Report No.: W7L-P21100027RF16

MODE	TX channel 21100	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			



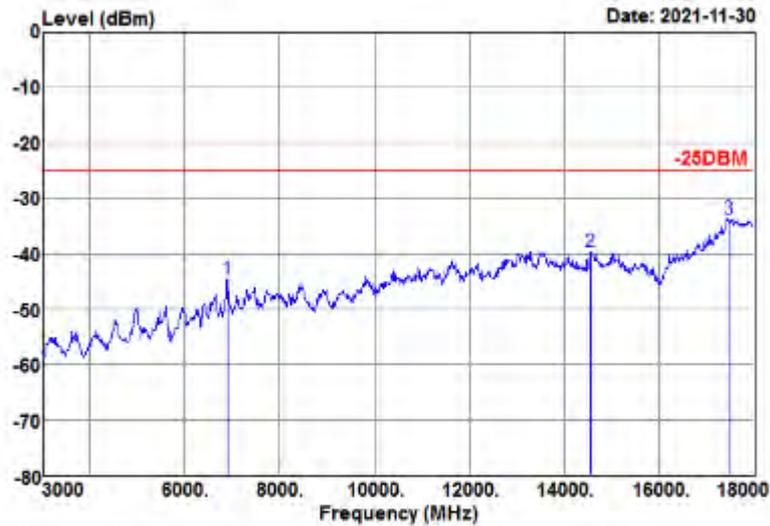
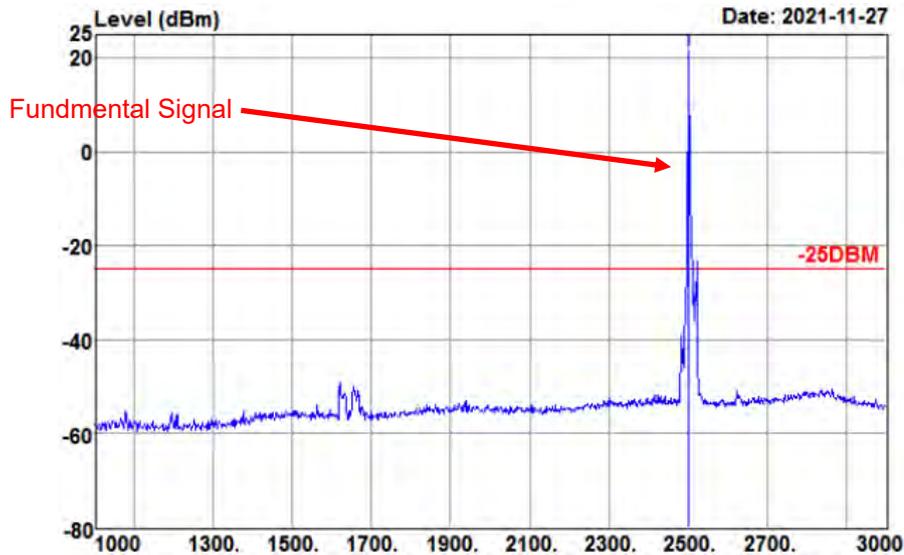
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.98	18.41	-44.57	-25.00	-19.57	Peak
15000.000	-65.95	28.81	-37.14	-25.00	-12.14	Peak
17910.000	-68.92	39.67	-29.25	-25.00	-4.25	Peak



Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 10MHz / QPSK
CH 20800

MODE	TX channel 20800	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			

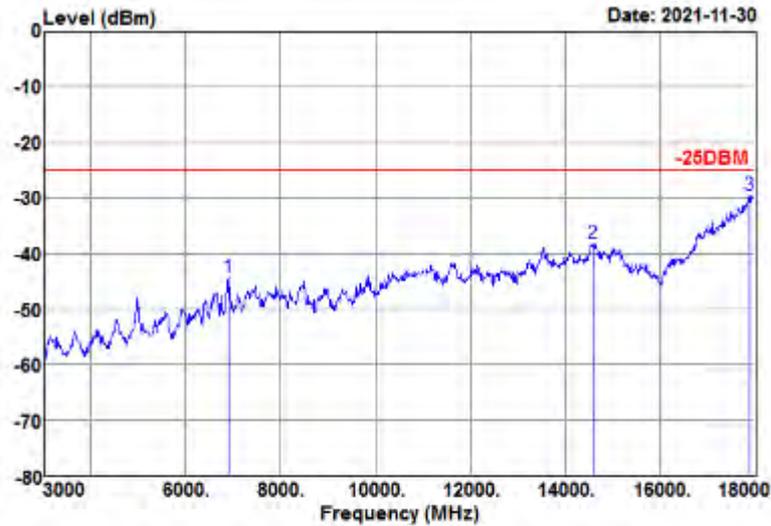
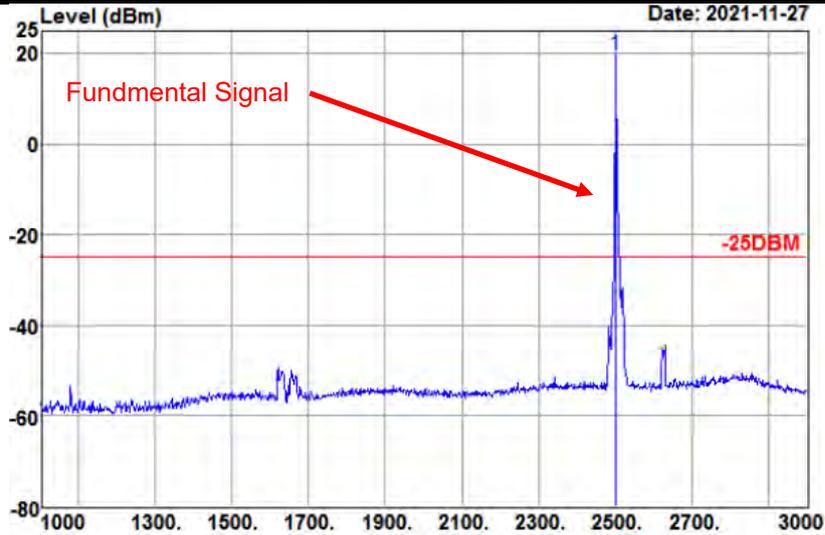


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.69	18.08	-44.61	-25.00	-19.61	Peak
14565.000	-66.05	26.46	-39.59	-25.00	-14.59	Peak
17475.000	-69.25	35.61	-33.64	-25.00	-8.64	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 20800	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.65	18.41	-44.24	-25.00	-19.24	Peak
14595.000	-66.55	28.28	-38.27	-25.00	-13.27	Peak
17880.000	-68.85	39.43	-29.42	-25.00	-4.42	Peak

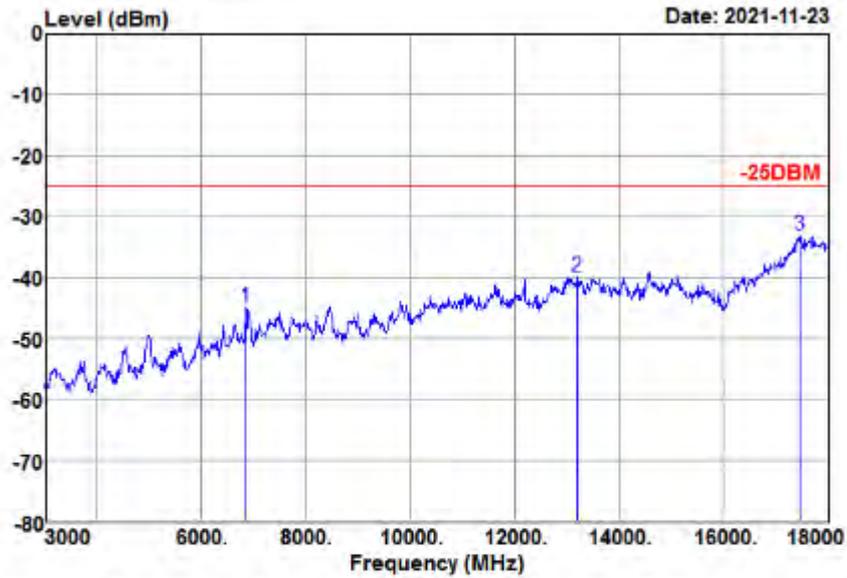


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CH 21100

MODE	TX channel 21100	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			

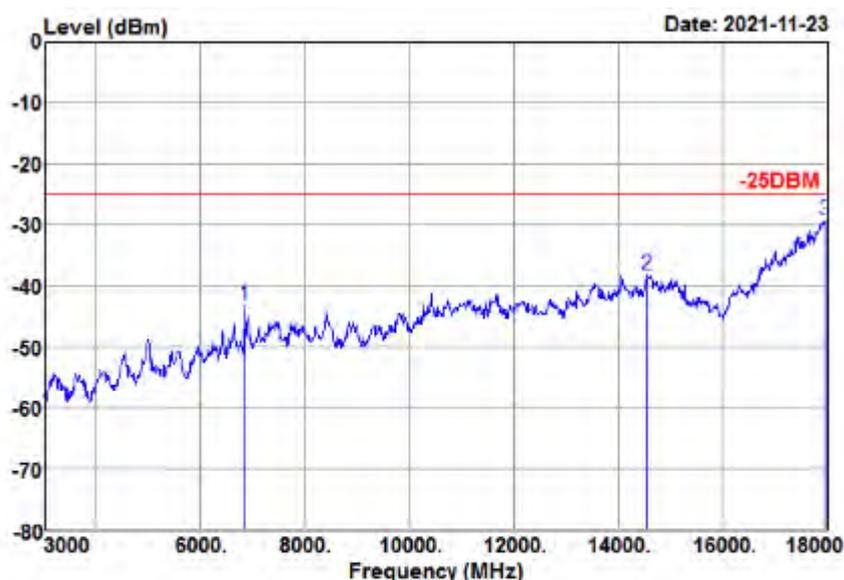


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-62.58	17.86	-44.72	-25.00	-19.72	Peak
13215.000	-68.51	28.59	-39.92	-25.00	-14.92	Peak
17460.000	-68.41	35.48	-32.93	-25.00	-7.93	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 21100	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-61.38	18.20	-43.18	-25.00	-18.18	Peak
14565.000	-66.51	28.24	-38.27	-25.00	-13.27	Peak
17970.000	-69.42	40.16	-29.26	-25.00	-4.26	Peak

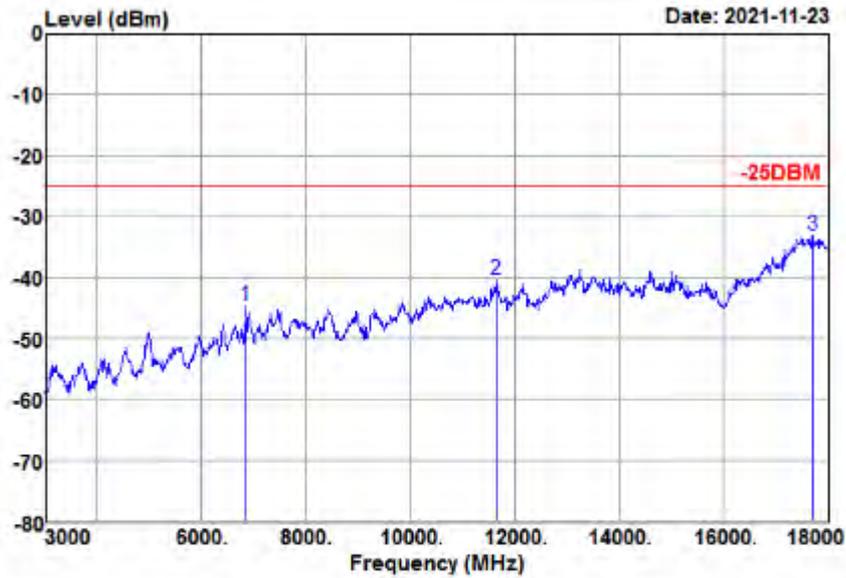


BUREAU VERITAS

Test Report No.: W7L-P21100027RF16

CH 21400

MODE	TX channel 21400	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			

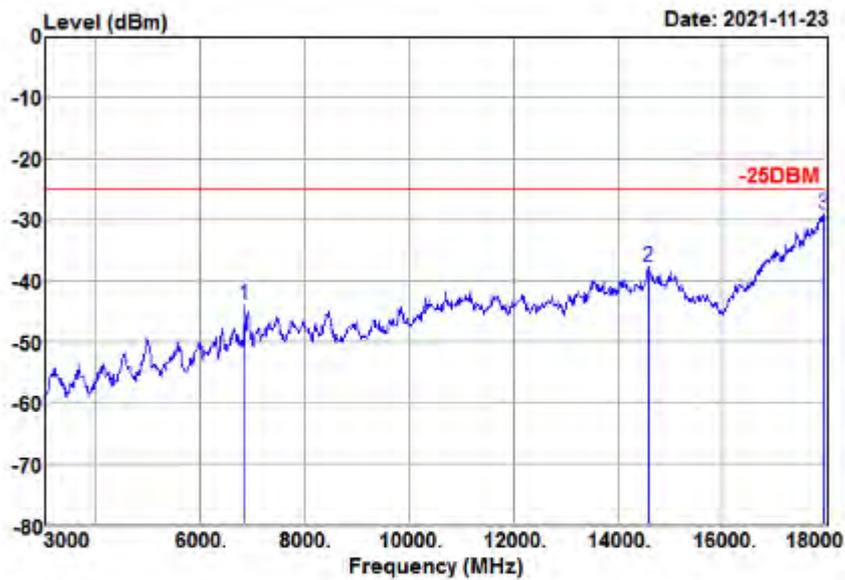


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-62.54	17.86	-44.68	-25.00	-19.68	Peak
11640.000	-66.14	25.87	-40.27	-25.00	-15.27	Peak
17715.000	-68.64	35.51	-33.13	-25.00	-8.13	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 21400	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-62.17	18.20	-43.97	-25.00	-18.97	Peak
14595.000	-65.96	28.28	-37.68	-25.00	-12.68	Peak
17955.000	-68.97	40.04	-28.93	-25.00	-3.93	Peak

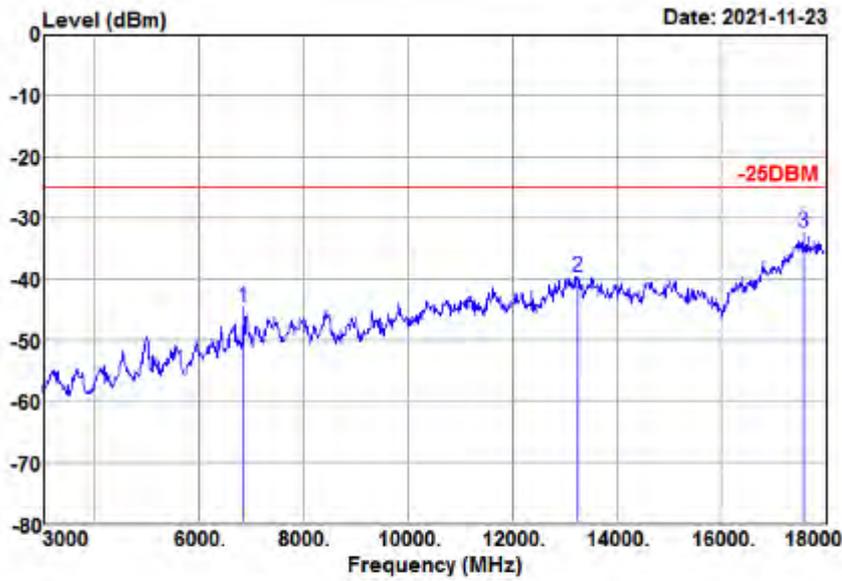


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 21100	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			

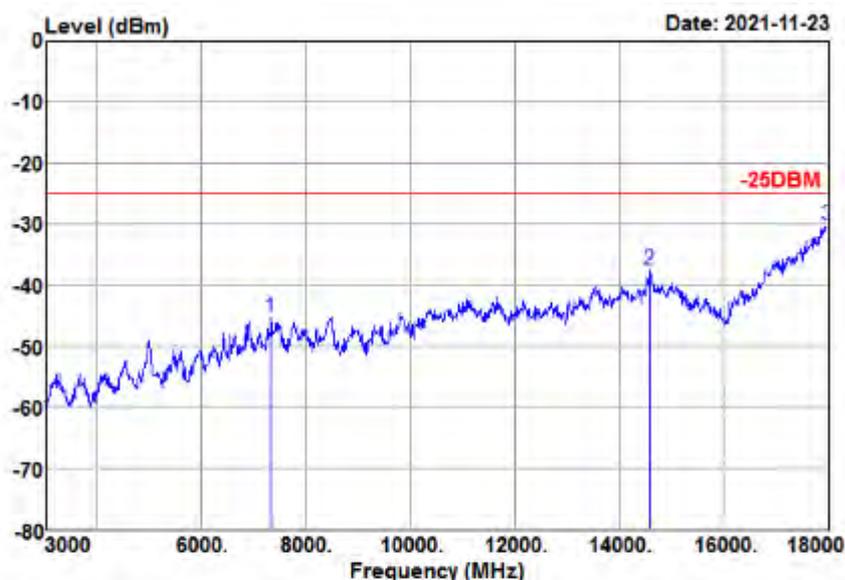


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-62.41	17.86	-44.55	-25.00	-19.55	Peak
13245.000	-68.23	28.57	-39.66	-25.00	-14.66	Peak
17580.000	-68.13	35.70	-32.43	-25.00	-7.43	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 21100	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
7335.000	-65.64	20.25	-45.39	-25.00	-20.39	Peak
14595.000	-65.76	28.28	-37.48	-25.00	-12.48	Peak
17985.000	-70.40	40.28	-30.12	-25.00	-5.12	Peak

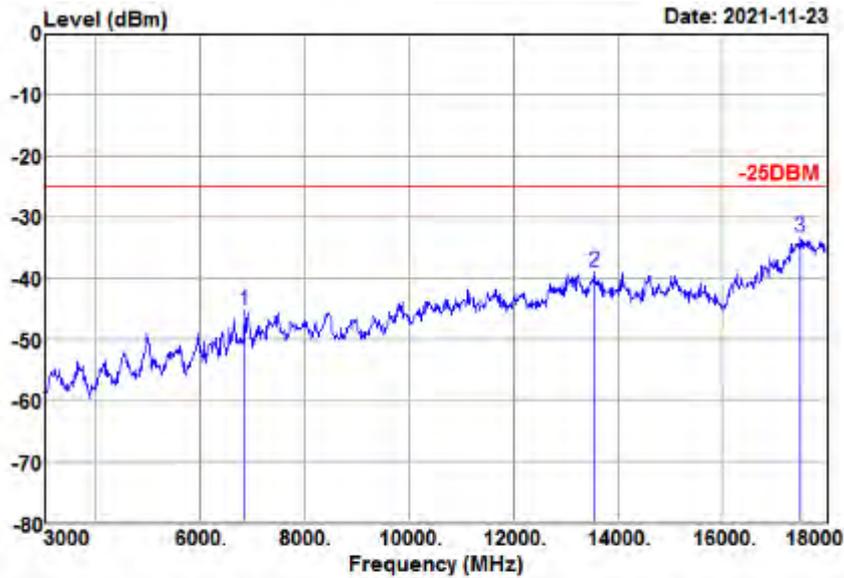


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 21100	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			

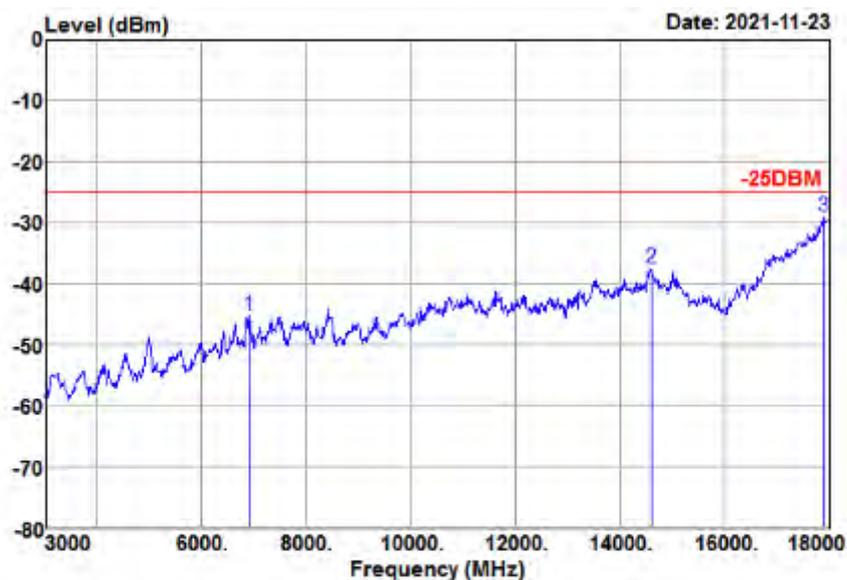


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-63.19	17.86	-45.33	-25.00	-20.33	Peak
13560.000	-67.10	28.26	-38.84	-25.00	-13.84	Peak
17505.000	-69.09	35.81	-33.28	-25.00	-8.28	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 21100	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-63.77	18.41	-45.36	-25.00	-20.36	Peak
14610.000	-65.86	28.30	-37.56	-25.00	-12.56	Peak
17925.000	-68.85	39.79	-29.06	-25.00	-4.06	Peak



**BUREAU
VERITAS**

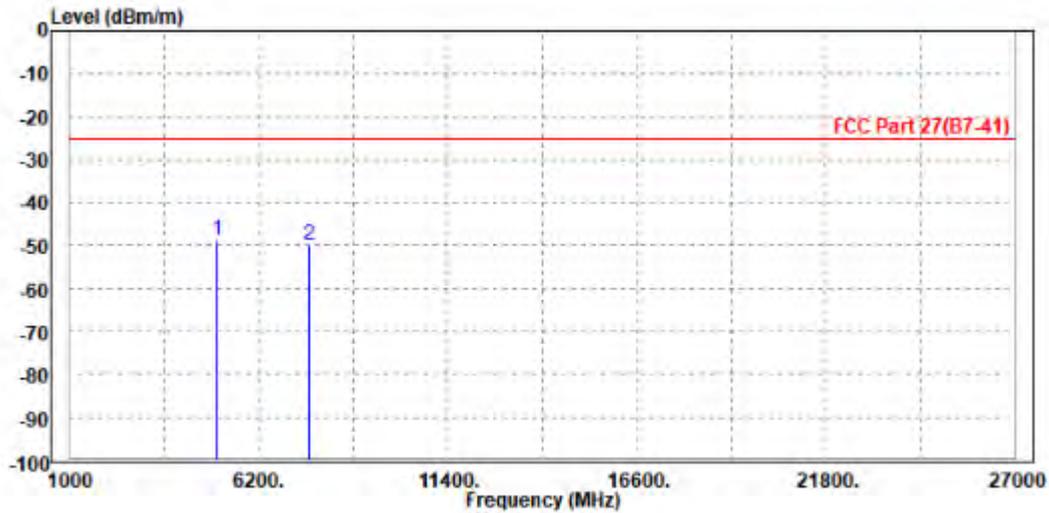
Test Report No.: W7L-P21100027RF16

LTE Band CA_7C(Ant0)

CHANNEL BANDWIDTH: 10 MHz + 20MHz

MODE	TX channel PCC 21206	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21350		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5056.000	-48.73	-57.42	-25.00	-23.73	8.69	Peak	Horizontal
2	7576.800	-49.98	-61.37	-25.00	-24.98	11.39	Peak	Horizontal

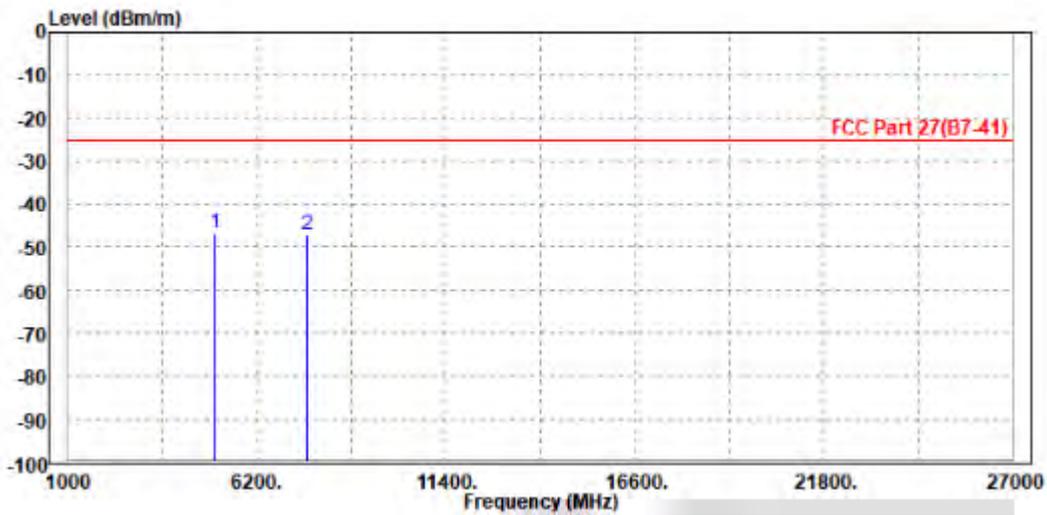




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21206	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21350		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	5056.000	-46.64	-56.52	-25.00	-21.64	9.88	Peak	Vertical
2	7576.800	-47.24	-60.01	-25.00	-22.24	12.77	Peak	Vertical



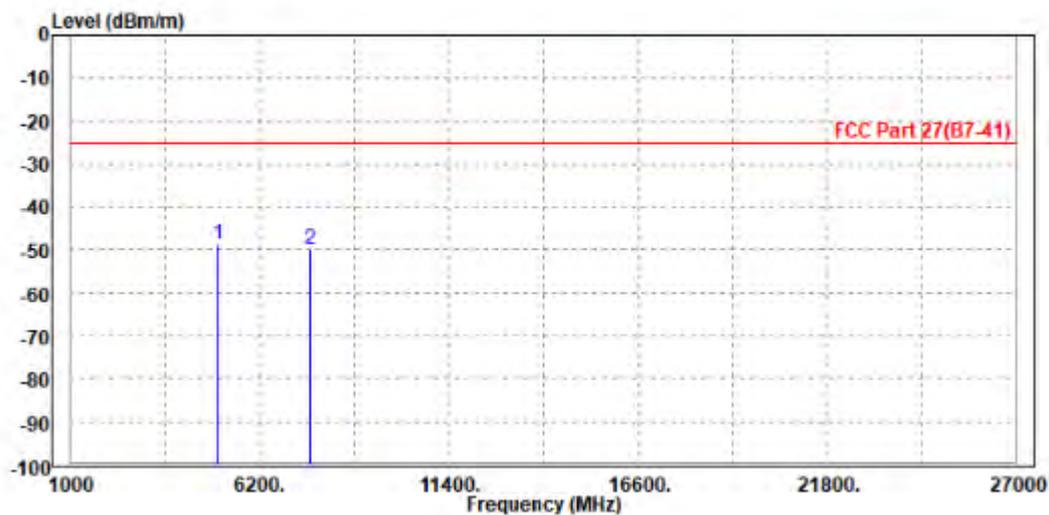


Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz + 10MHz

MODE	TX channel PCC 21277	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21397		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5056.000	-48.74	-57.43	-25.00	-23.74	8.69	Peak	Horizontal
2	7590.300	-49.80	-61.20	-25.00	-24.80	11.40	Peak	Horizontal

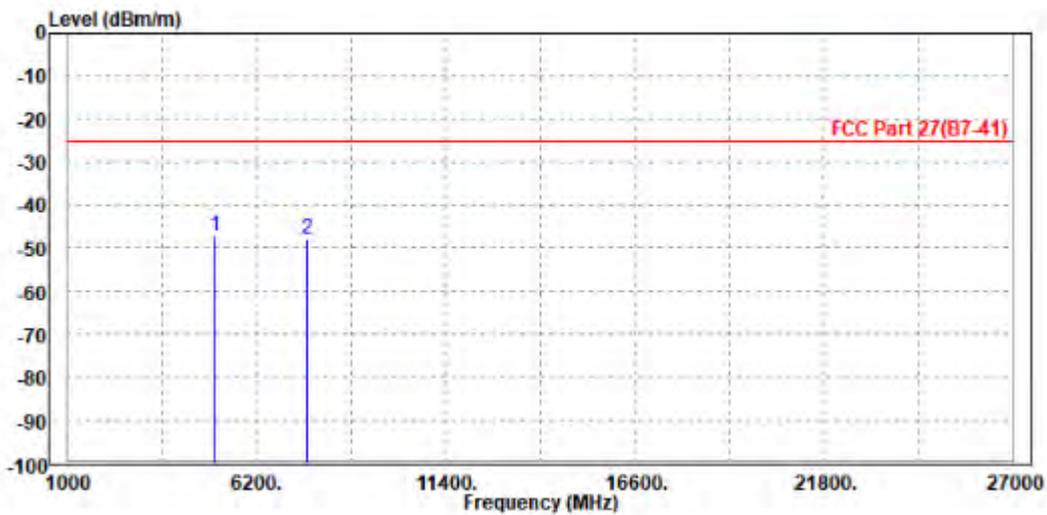




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21277	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21397		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5056.000	-46.98	-56.86	-25.00	-21.98	9.88	Peak	Vertical
2	7590.300	-47.90	-60.67	-25.00	-22.90	12.77	Peak	Vertical





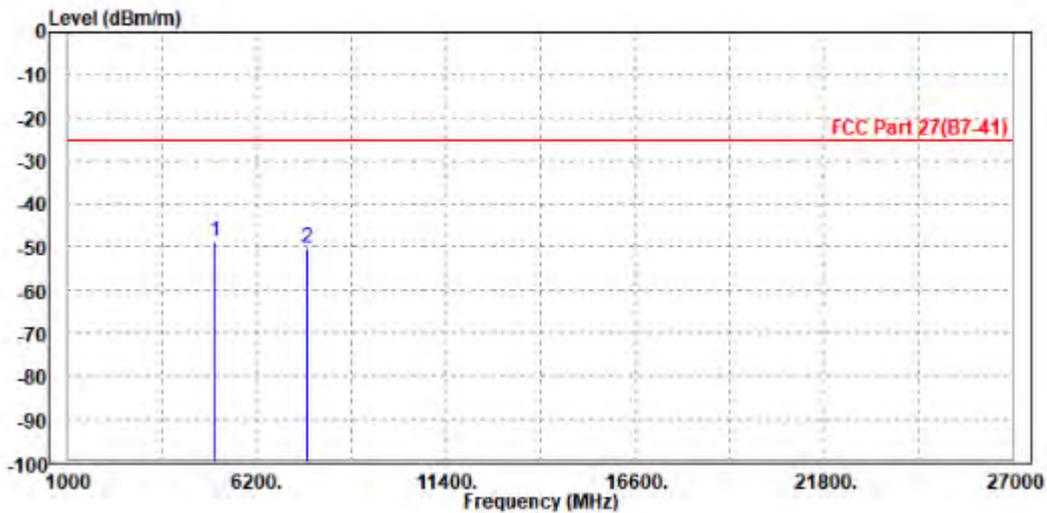
BUREAU VERITAS

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz + 15MHz

MODE	TX channel PCC 21225	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21375		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5056.000	-48.56	-57.25	-25.00	-23.56	8.69	Peak	Horizontal
2	7582.500	-50.31	-61.70	-25.00	-25.31	11.39	Peak	Horizontal

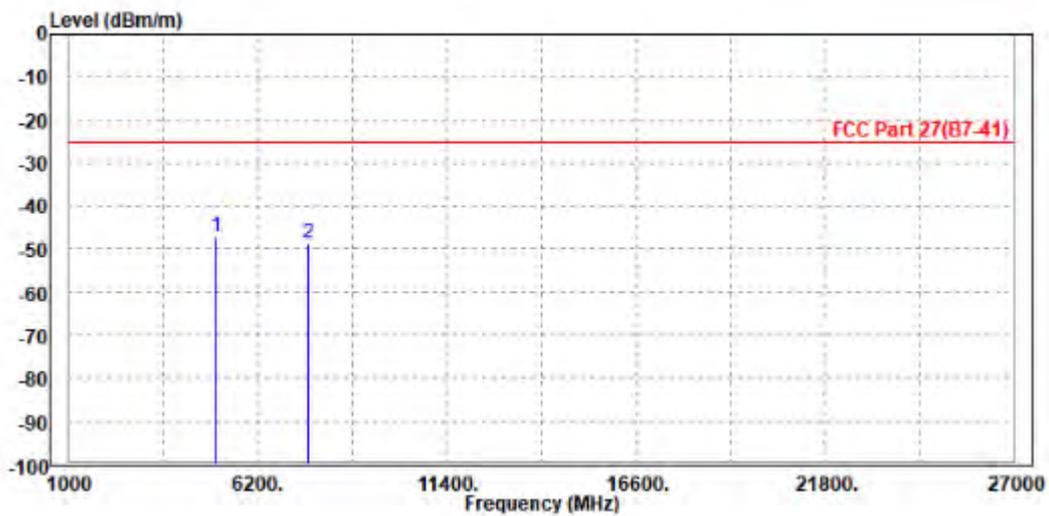




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21225	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21375		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5056.000	-47.11	-56.99	-25.00	-22.11	9.88	Peak	Vertical
2	7582.500	-48.50	-61.27	-25.00	-23.50	12.77	Peak	Vertical





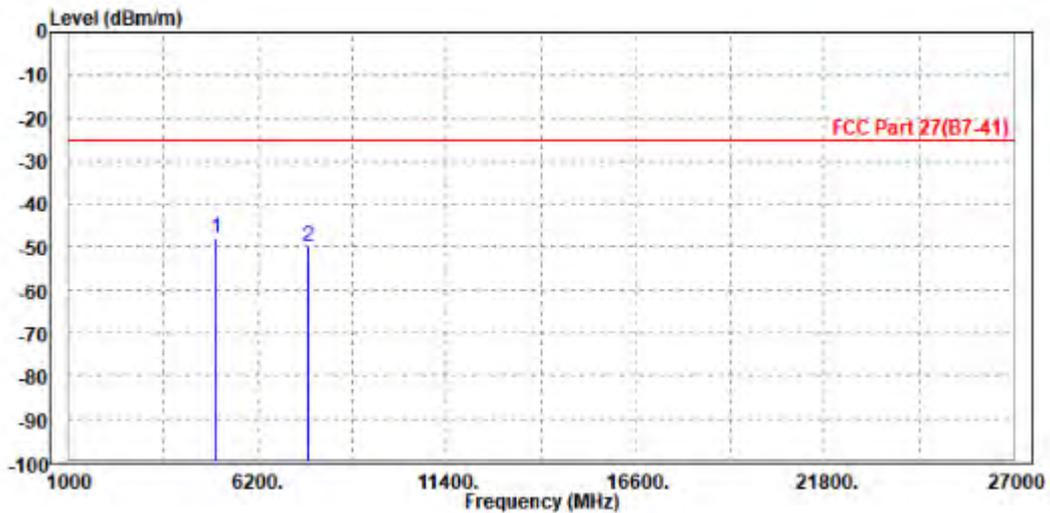
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz + 20MHz

MODE	TX channel PCC 21179	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21350		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 PP	5056.000	-47.88	-56.57	-25.00	-22.88	8.69	Peak	Horizontal
2	7575.900	-49.74	-61.13	-25.00	-24.74	11.39	Peak	Horizontal

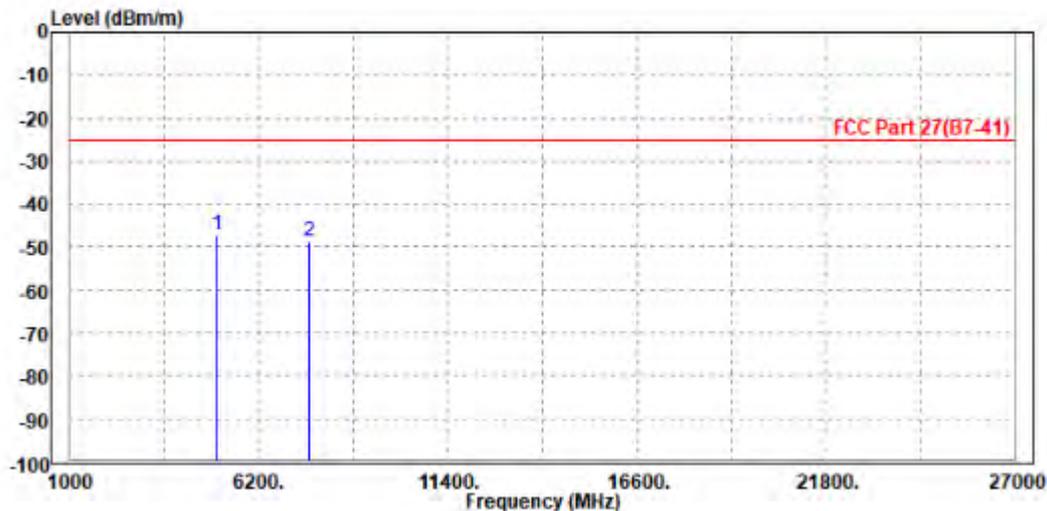




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21179	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21350		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5056.000	-47.31	-57.19	-25.00	-22.31	9.88	Peak	Vertical
2	7575.900	-48.72	-61.49	-25.00	-23.72	12.77	Peak	Vertical





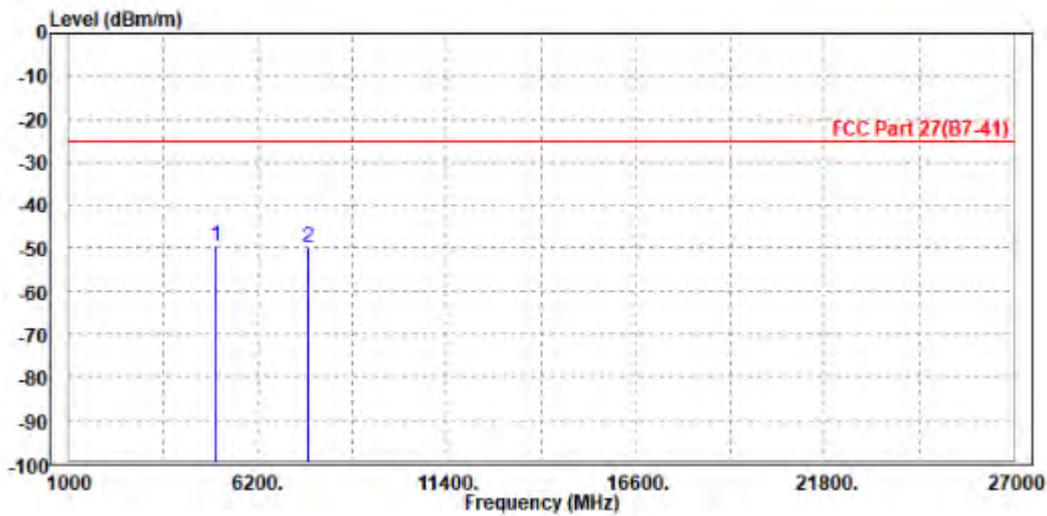
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz + 10MHz

MODE	TX channel PCC 21251	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21395		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5056.000	-49.58	-58.27	-25.00	-24.58	8.69	Peak	Horizontal
2	7590.300	-49.70	-61.10	-25.00	-24.70	11.40	Peak	Horizontal

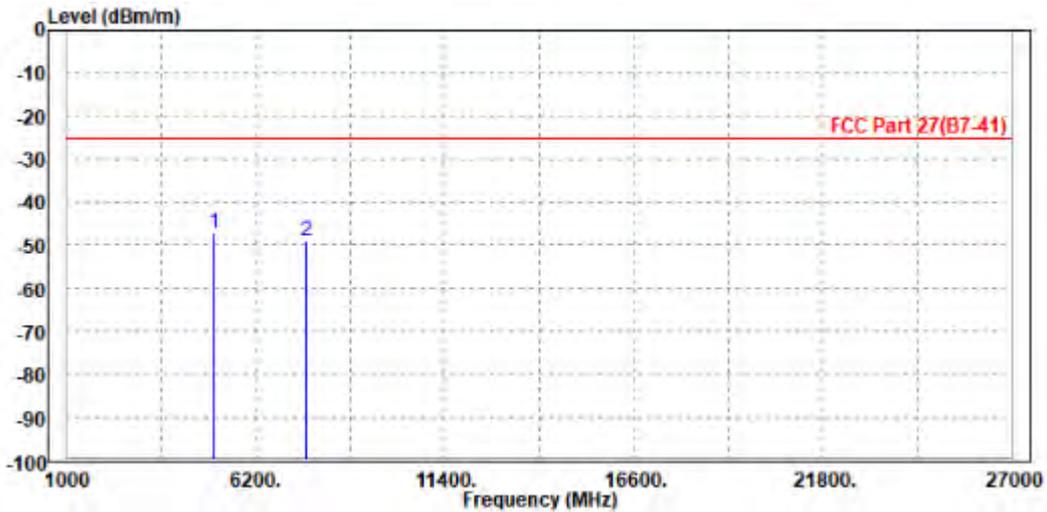




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21251	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21395		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5056.000	-47.29	-57.17	-25.00	-22.29	9.88	Peak	Vertical
2	7590.300	-49.12	-61.89	-25.00	-24.12	12.77	Peak	Vertical





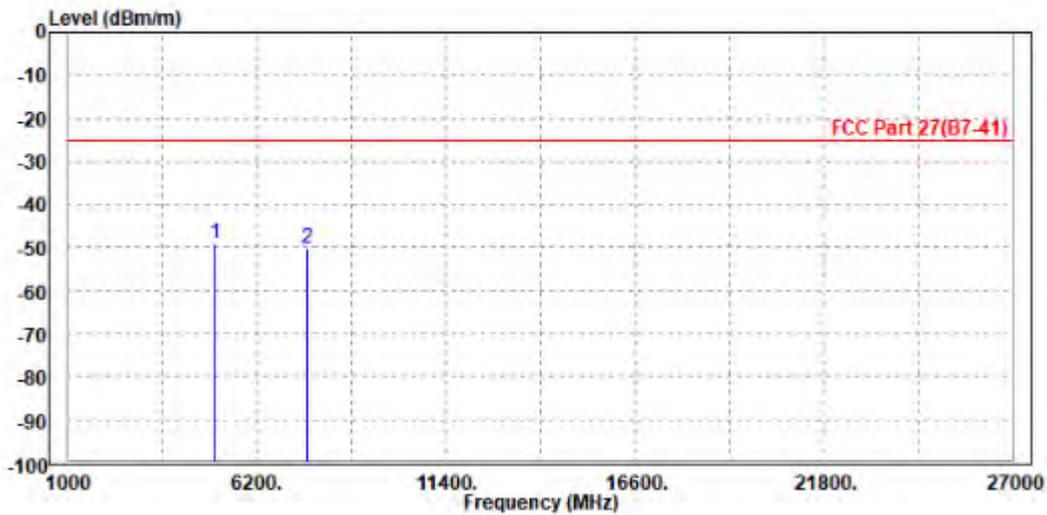
BUREAU VERITAS

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz + 15MHz

MODE	TX channel PCC 21201	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21372		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5056.000	-48.95	-57.64	-25.00	-23.95	8.69	Peak	Horizontal
2	7582.800	-50.26	-61.65	-25.00	-25.26	11.39	Peak	Horizontal

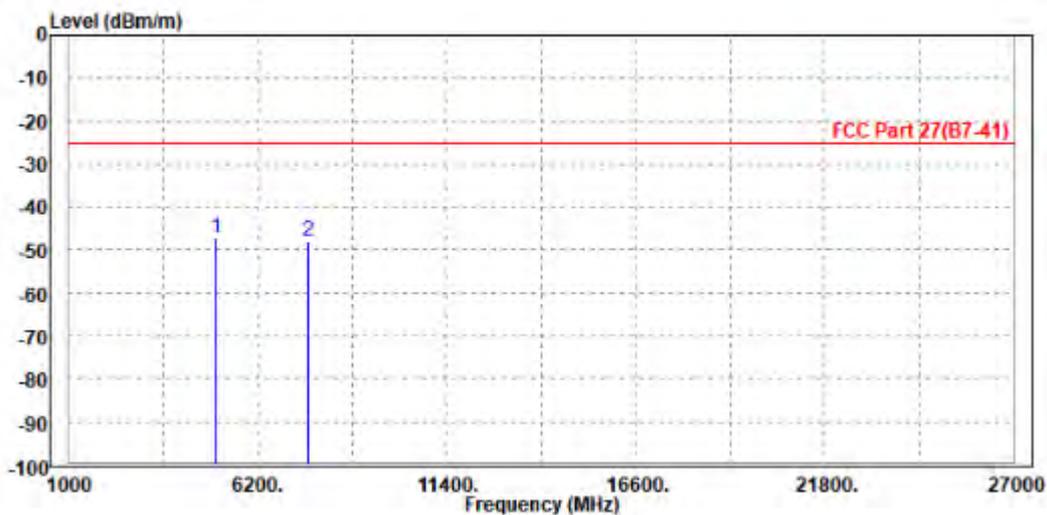




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21201	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21372		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5056.000	-47.33	-57.21	-25.00	-22.33	9.88	Peak	Vertical
2	7582.800	-48.03	-60.80	-25.00	-23.03	12.77	Peak	Vertical





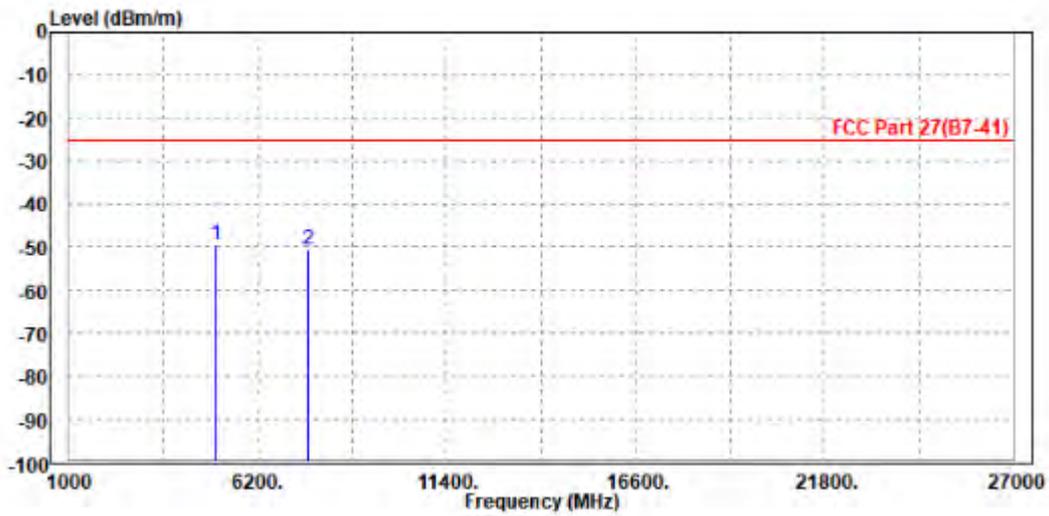
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz + 20MHz

MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21199		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5056.000	-49.58	-58.27	-25.00	-24.58	8.69	Peak	Horizontal
2	7575.300	-50.42	-61.81	-25.00	-25.42	11.39	Peak	Horizontal

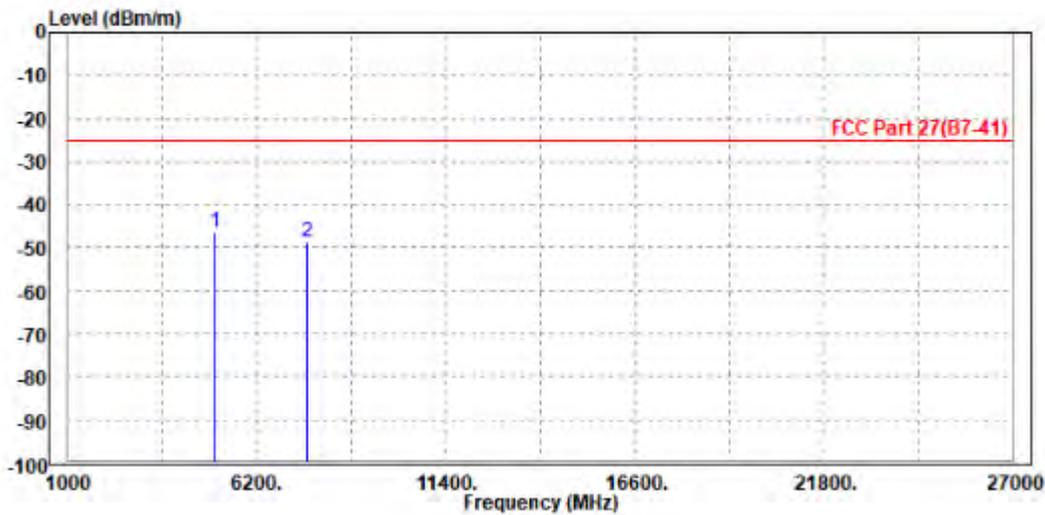




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 21199		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5056.000	-46.28	-56.16	-25.00	-21.28	9.88	Peak	Vertical
2	7575.300	-48.82	-61.59	-25.00	-23.82	12.77	Peak	Vertical





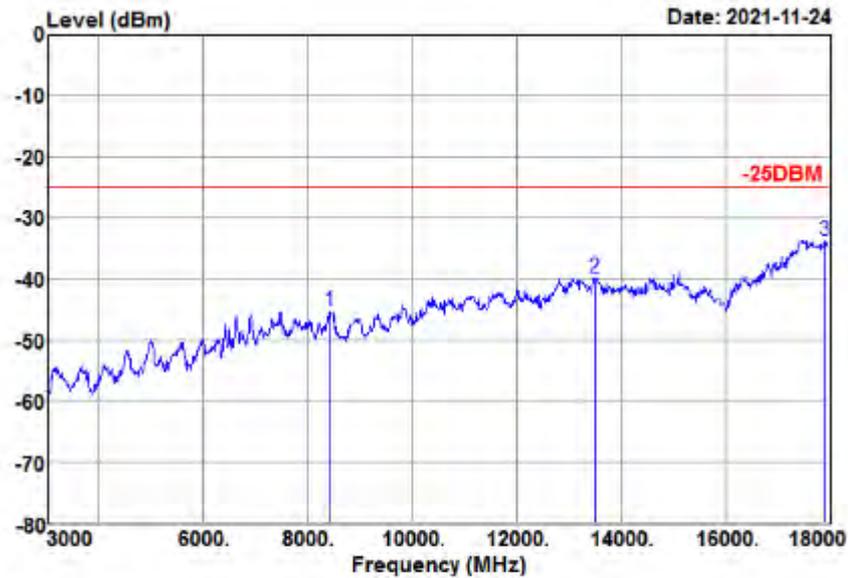
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

LTE Band 38(Ant0)

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 38000	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			

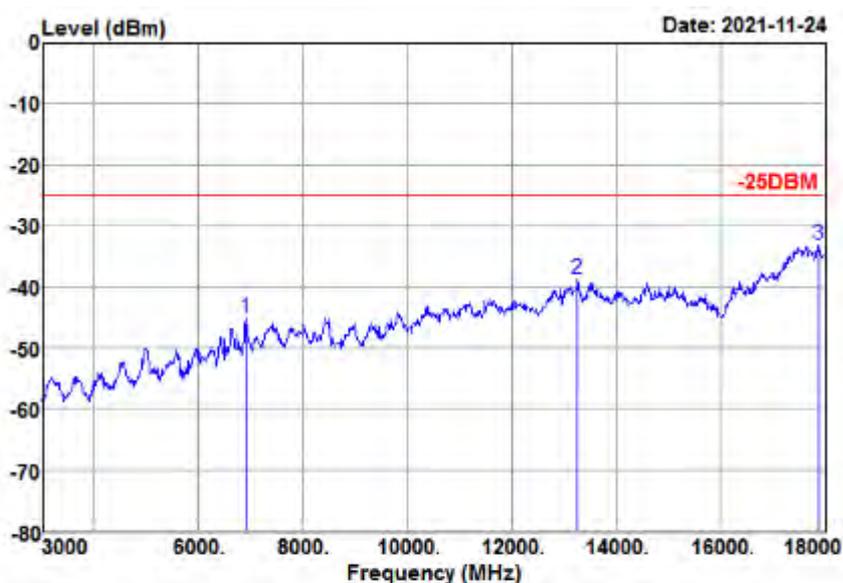


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
8445.000	-64.51	19.21	-45.30	-25.00	-20.30	Peak
13515.000	-68.17	28.41	-39.76	-25.00	-14.76	Peak
17910.000	-68.88	35.23	-33.65	-25.00	-8.65	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 38000	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6915.000	-63.25	18.14	-45.11	-25.00	-20.11	Peak
13260.000	-67.28	28.57	-38.71	-25.00	-13.71	Peak
17880.000	-68.39	35.27	-33.12	-25.00	-8.12	Peak

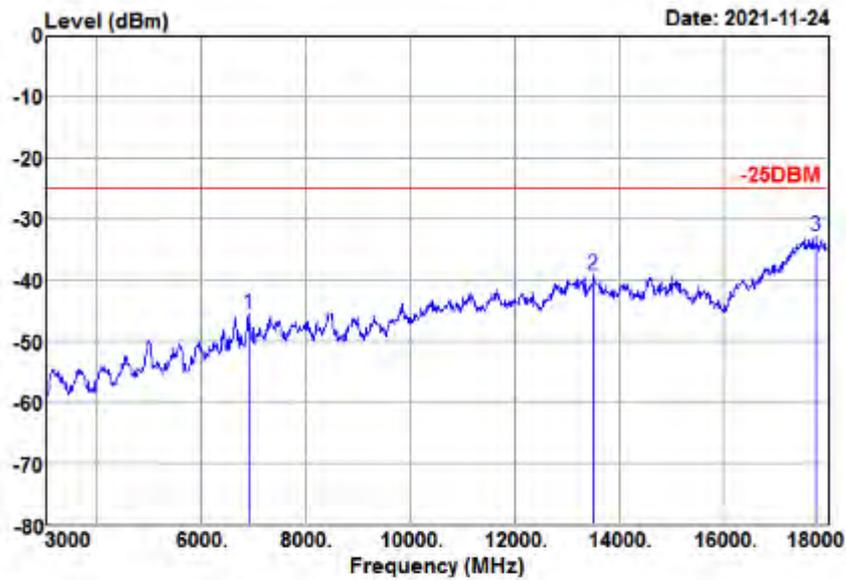


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 38000	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			

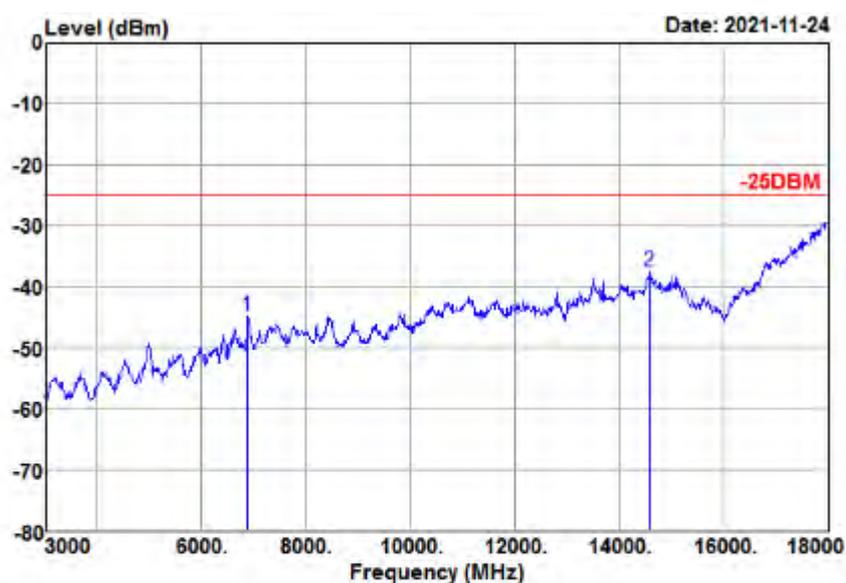


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-63.60	18.08	-45.52	-25.00	-20.52	Peak
13515.000	-67.53	28.41	-39.12	-25.00	-14.12	Peak
17790.000	-68.28	35.40	-32.88	-25.00	-7.88	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 38000	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-63.15	18.36	-44.79	-25.00	-19.79	Peak
14595.000	-65.81	28.28	-37.53	-25.00	-12.53	Peak
18000.000	-69.23	40.40	-28.83	-25.00	-3.83	Peak

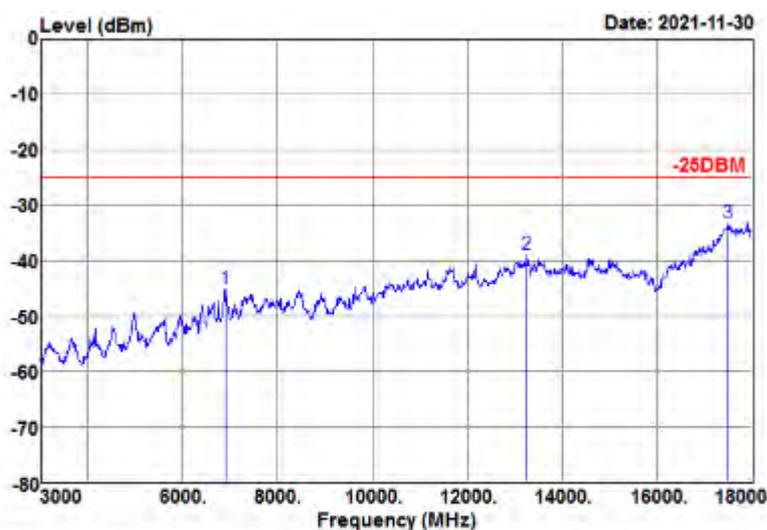
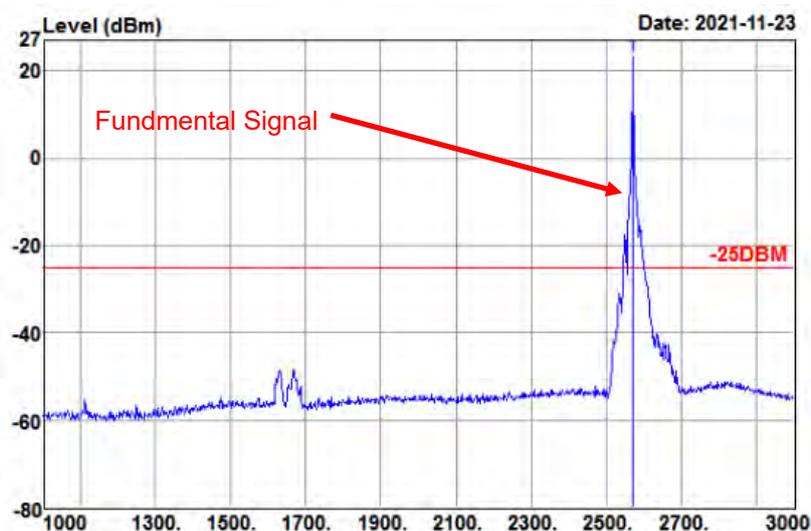


Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz / QPSK

CH 37825

MODE	TX channel 37825	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			

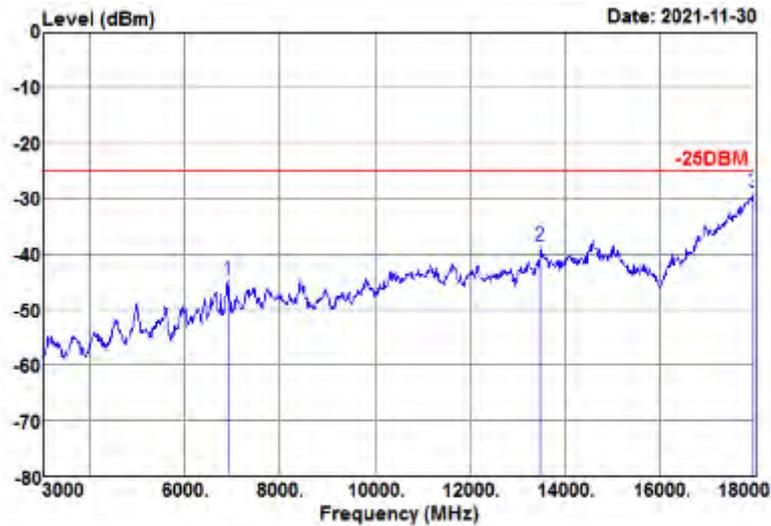
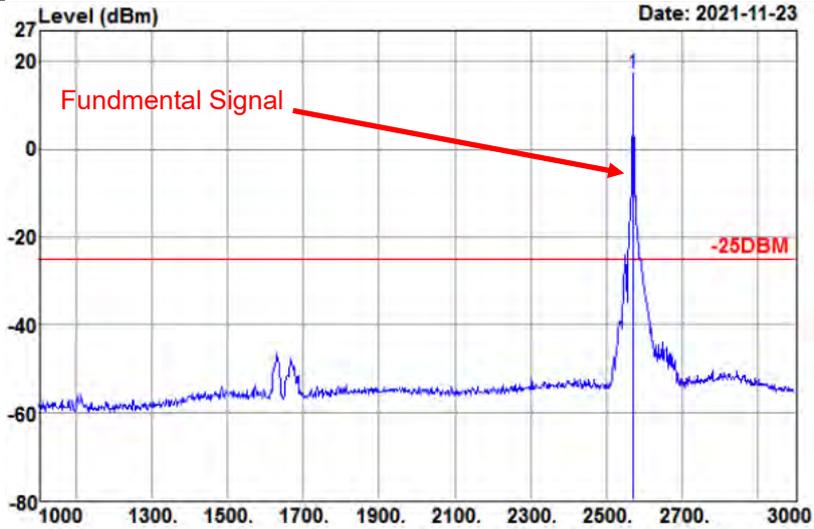


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-63.19	18.08	-45.11	-25.00	-20.11	Peak
13260.000	-67.59	28.57	-39.02	-25.00	-14.02	Peak
17505.000	-69.10	35.81	-33.29	-25.00	-8.29	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 37825	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.93	18.41	-44.52	-25.00	-19.52	Peak
13485.000	-66.71	28.31	-38.40	-25.00	-13.40	Peak
17970.000	-68.84	40.16	-28.68	-25.00	-3.68	Peak

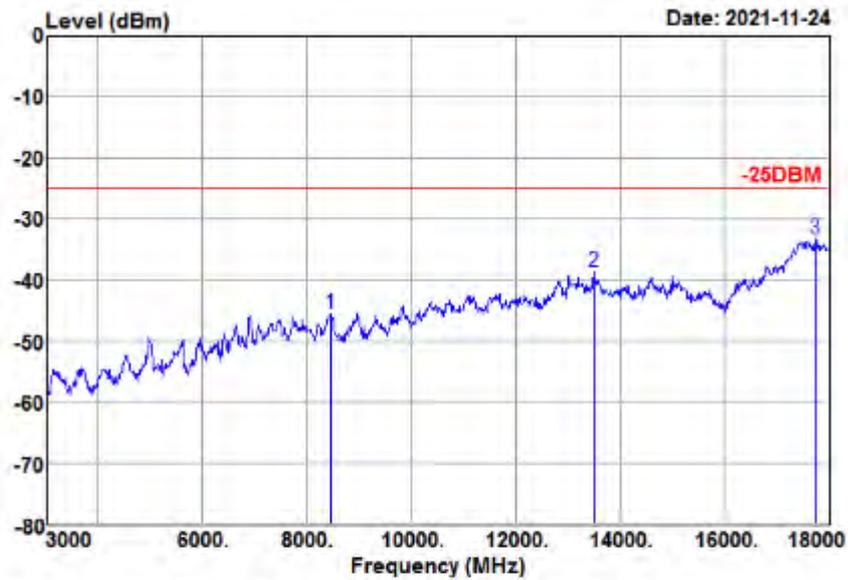


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CH 38000

MODE	TX channel 38000	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			

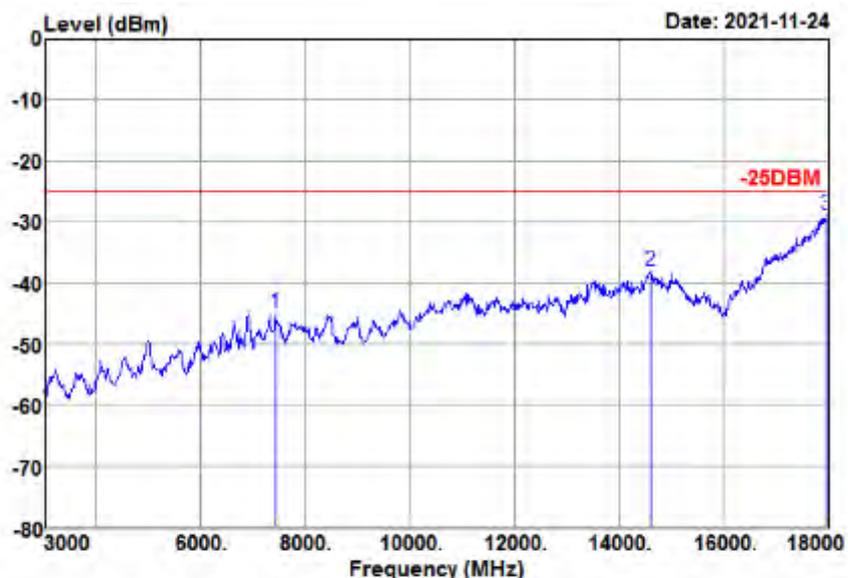


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
8460.000	-64.70	19.21	-45.49	-25.00	-20.49	Peak
13500.000	-67.10	28.46	-38.64	-25.00	-13.64	Peak
17745.000	-68.73	35.47	-33.26	-25.00	-8.26	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 38000	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			



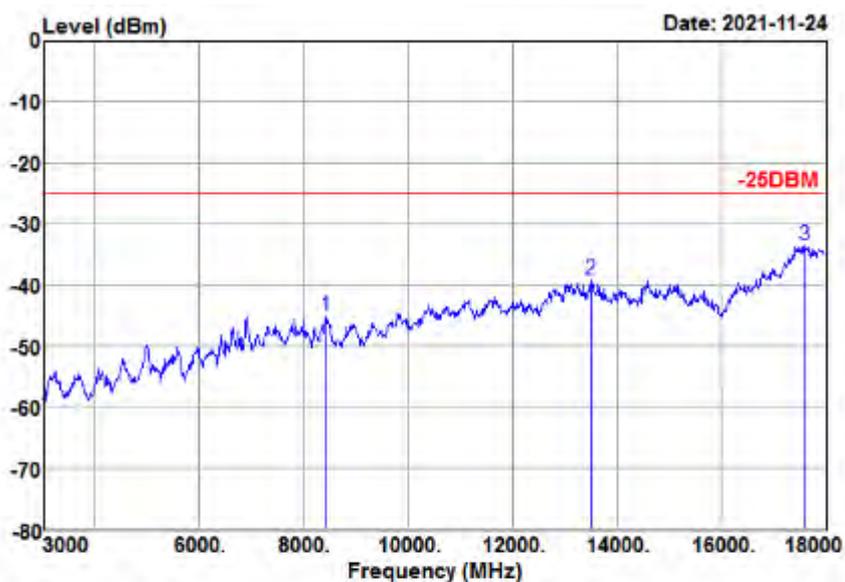
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
7425.000	-65.50	20.66	-44.84	-25.00	-19.84	Peak
14610.000	-66.37	28.30	-38.07	-25.00	-13.07	Peak
17970.000	-69.05	40.16	-28.89	-25.00	-3.89	Peak



Test Report No.: W7L-P21100027RF16

CH38175

MODE	TX channel 38175	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			

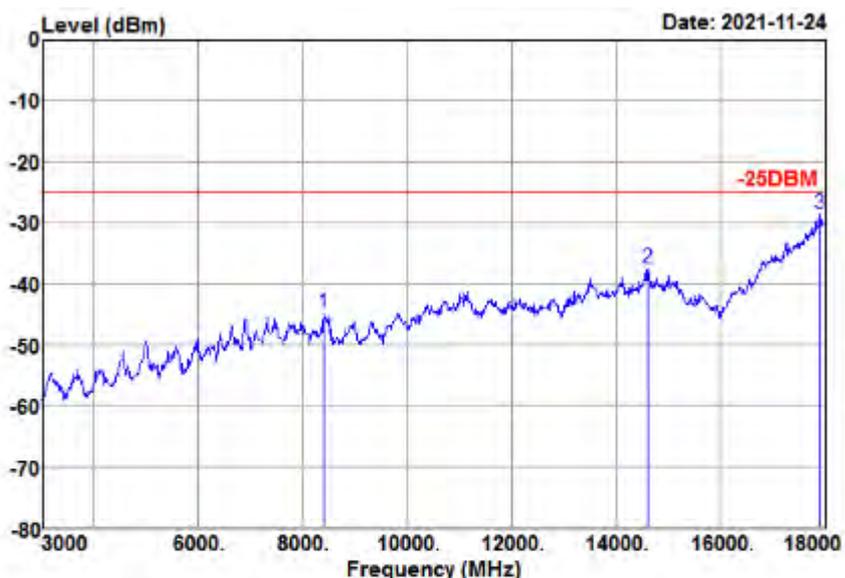


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
8430.000	-64.24	19.21	-45.03	-25.00	-20.03	Peak
13500.000	-67.69	28.46	-39.23	-25.00	-14.23	Peak
17610.000	-69.20	35.66	-33.54	-25.00	-8.54	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 38175	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
8400.000	-64.19	19.34	-44.85	-25.00	-19.85	Peak
14625.000	-65.73	28.32	-37.41	-25.00	-12.41	Peak
17910.000	-68.24	39.67	-28.57	-25.00	-3.57	Peak



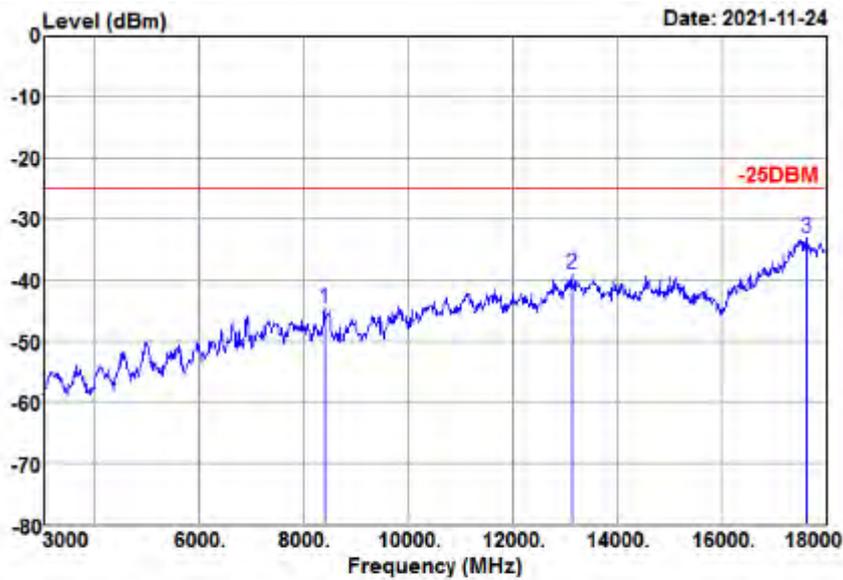
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz / QPSK

CH 38000

MODE	TX channel 38000	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			

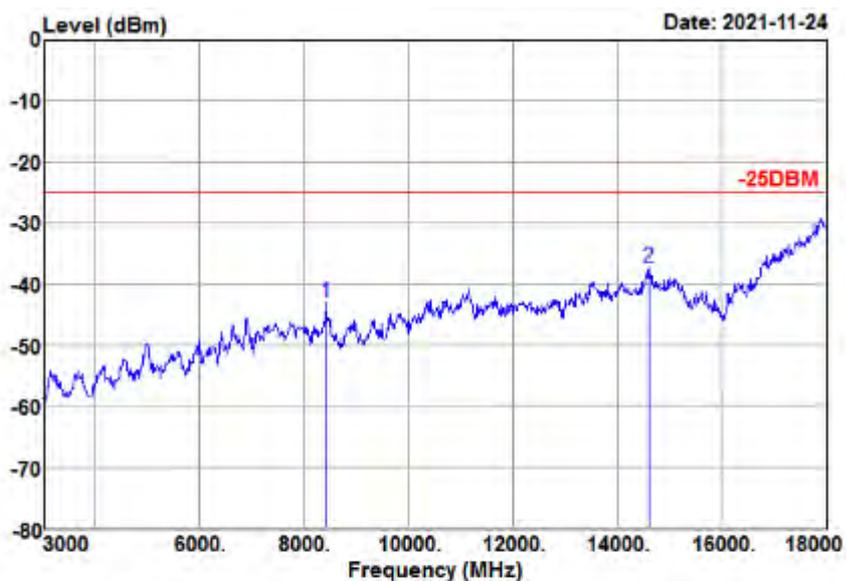


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
8400.000	-63.83	19.21	-44.62	-25.00	-19.62	Peak
13140.000	-67.63	28.62	-39.01	-25.00	-14.01	Peak
17625.000	-68.67	35.64	-33.03	-25.00	-8.03	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 38000	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
8430.000	-62.35	19.33	-43.02	-25.00	-18.02	Peak
14610.000	-65.53	28.30	-37.23	-25.00	-12.23	Peak
18000.000	-68.93	40.40	-28.53	-25.00	-3.53	Peak



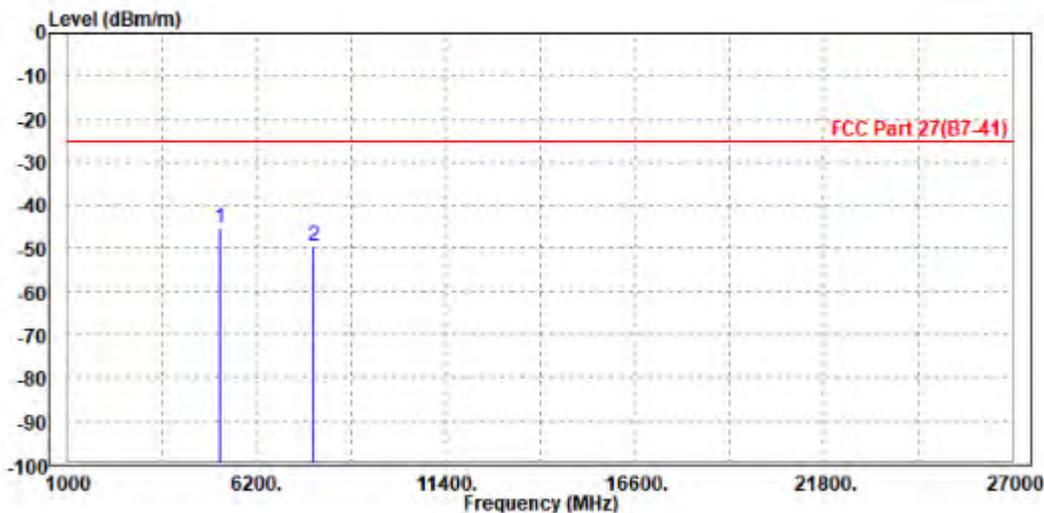
Test Report No.: W7L-P21100027RF16

LTE B38C(Ant0)

CHANNEL BANDWIDTH: (15+15) MHz / QPSK

MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 38075		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5186.000	-45.19	-54.27	-25.00	-20.19	9.08	Peak	Horizontal
2	7762.500	-49.32	-60.79	-25.00	-24.32	11.47	Peak	Horizontal

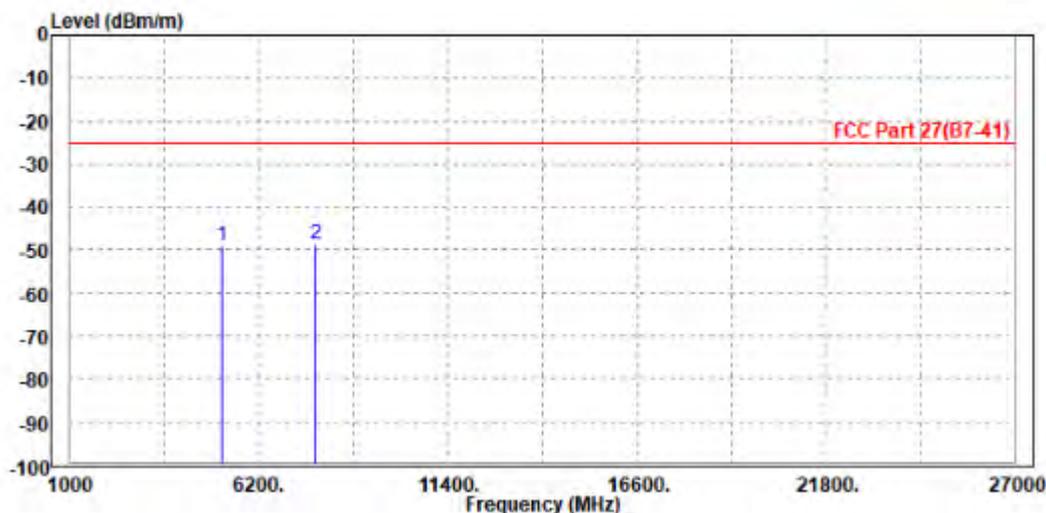




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 38075		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	5186.000	-49.05	-58.88	-25.00	-24.05	9.83	Peak	Vertical
2 PP	7762.500	-48.55	-61.39	-25.00	-23.55	12.84	Peak	Vertical





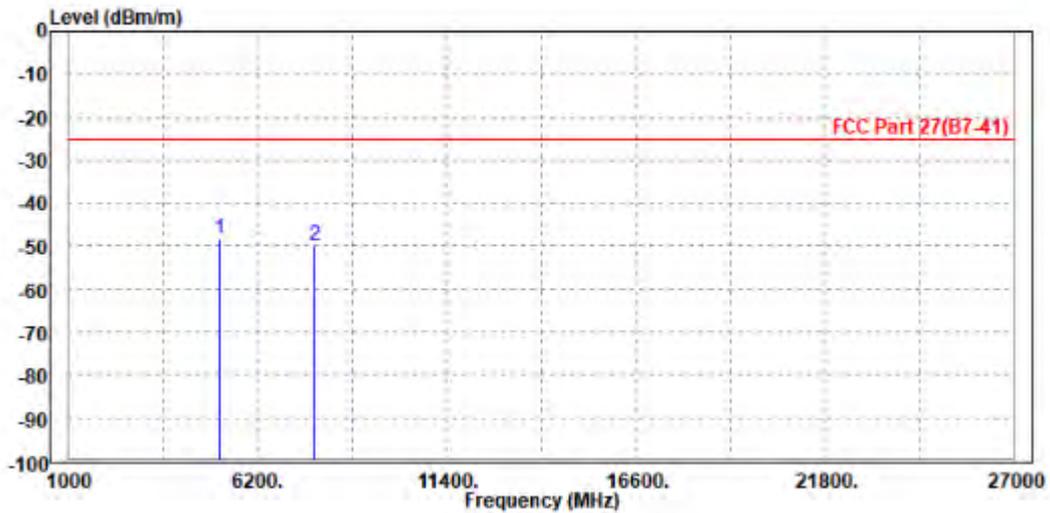
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz + 20MHz

MODE	TX channel PCC 37901	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 38099		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	PP 5160.000	-48.39	-57.39	-25.00	-23.39	9.00	Peak	Horizontal
2	7755.300	-49.74	-61.20	-25.00	-24.74	11.46	Peak	Horizontal

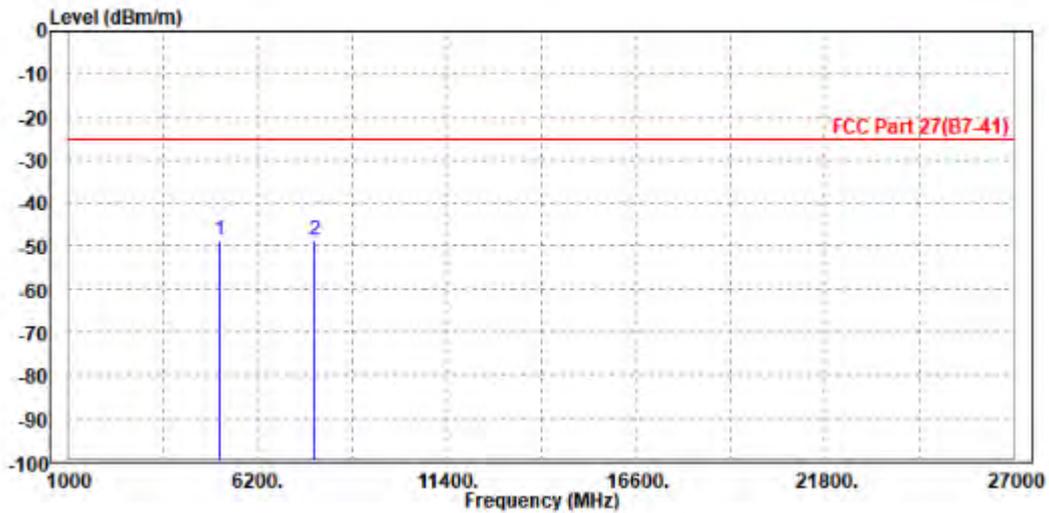




Test Report No.: W7L-P21100027RF16

MODE	TX channel PCC 37901	FREQUENCY RANGE	Above 1000MHz
	TX channel SCC 38099		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 5160.000	-48.55	-58.39	-25.00	-23.55	9.84	Peak	Vertical
2	7755.300	-48.78	-61.62	-25.00	-23.78	12.84	Peak	Vertical



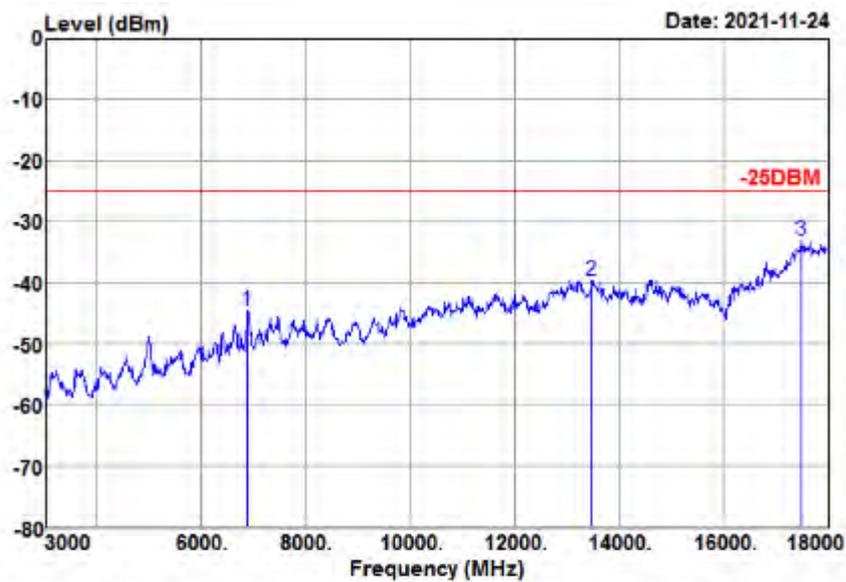


Test Report No.: W7L-P21100027RF16

LTE BAND 41(Ant0)

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 40340	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			

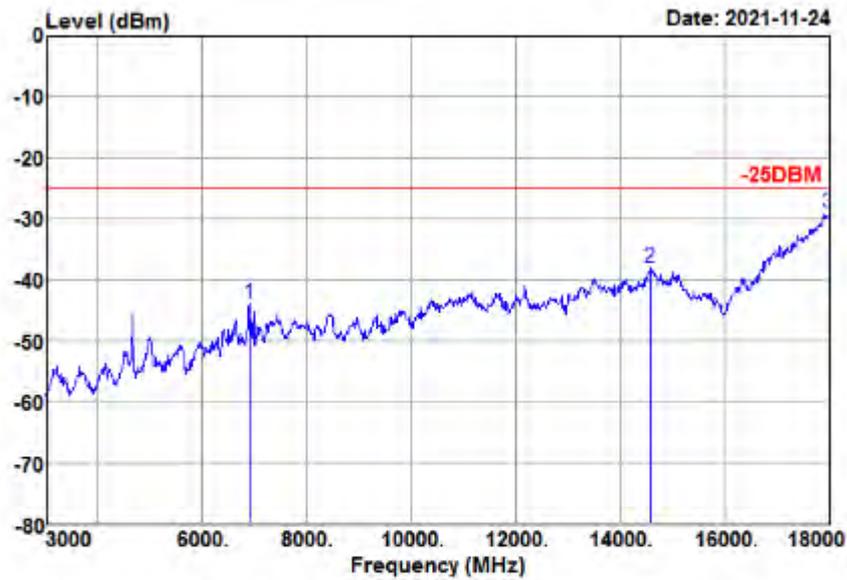


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-62.68	18.03	-44.65	-25.00	-19.65	Peak
13485.000	-68.04	28.47	-39.57	-25.00	-14.57	Peak
17490.000	-68.77	35.73	-33.04	-25.00	-8.04	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 40340	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.40	18.41	-43.99	-25.00	-18.99	Peak
14595.000	-66.19	28.28	-37.91	-25.00	-12.91	Peak
17985.000	-69.32	40.28	-29.04	-25.00	-4.04	Peak

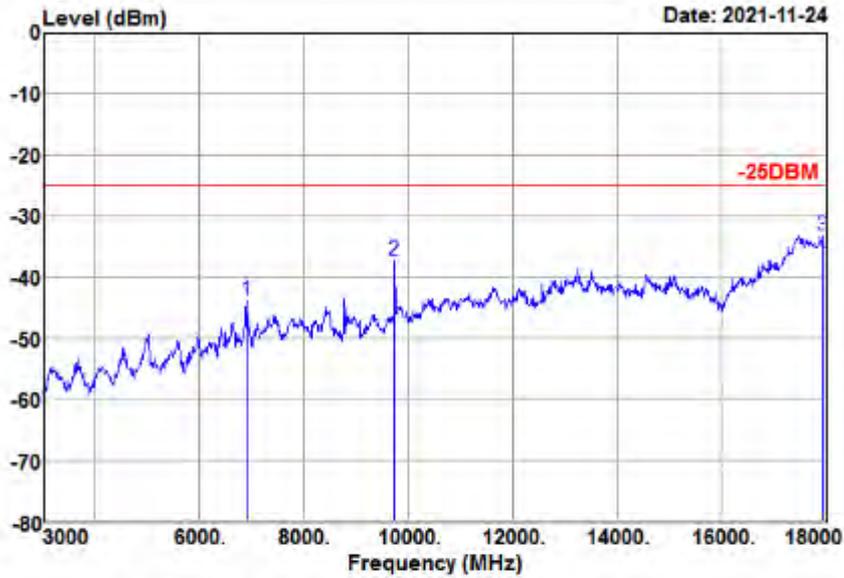


**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 40340	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			

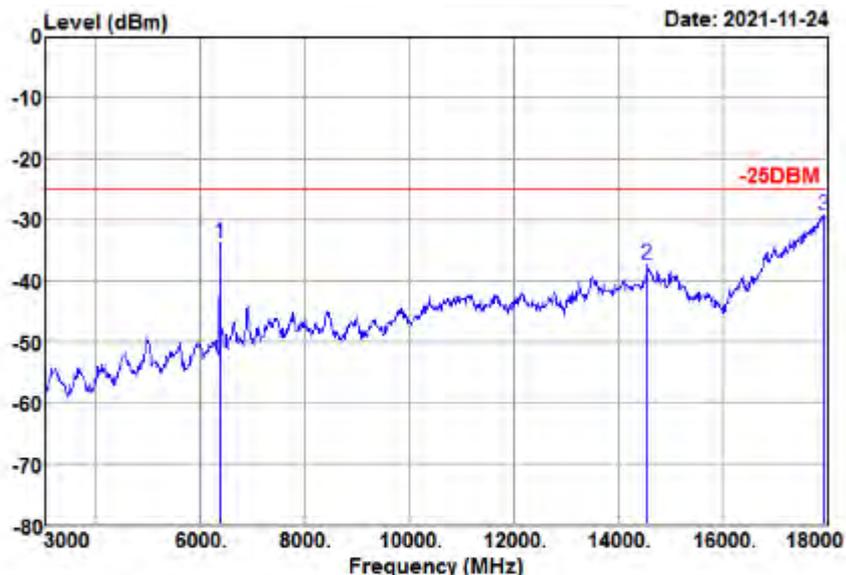


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-61.94	18.08	-43.86	-25.00	-18.86	Peak
9750.000	-58.17	20.86	-37.31	-25.00	-12.31	Peak
17940.000	-68.41	35.19	-33.22	-25.00	-8.22	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 40340	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			



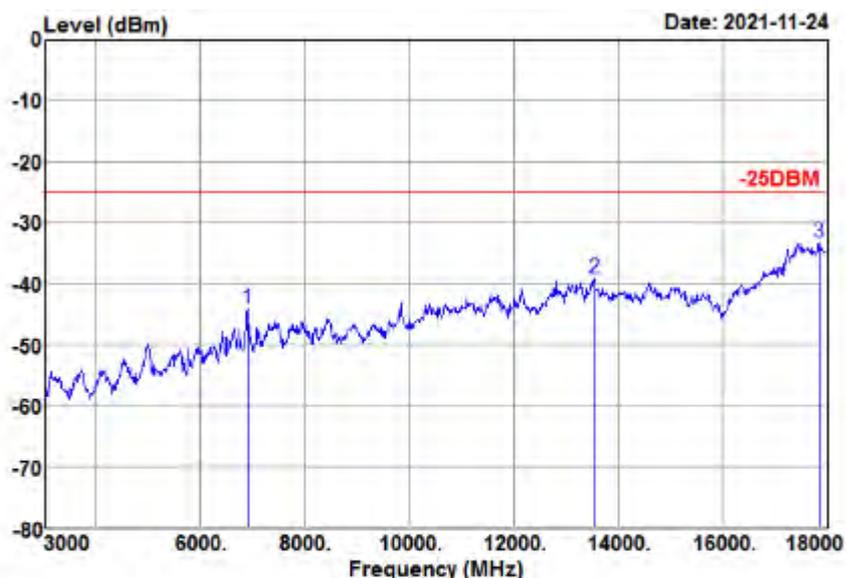
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6375.000	-50.07	16.42	-33.65	-25.00	-8.65	Peak
14565.000	-65.62	28.24	-37.38	-25.00	-12.38	Peak
17940.000	-69.27	39.91	-29.36	-25.00	-4.36	Peak



Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 40340	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			

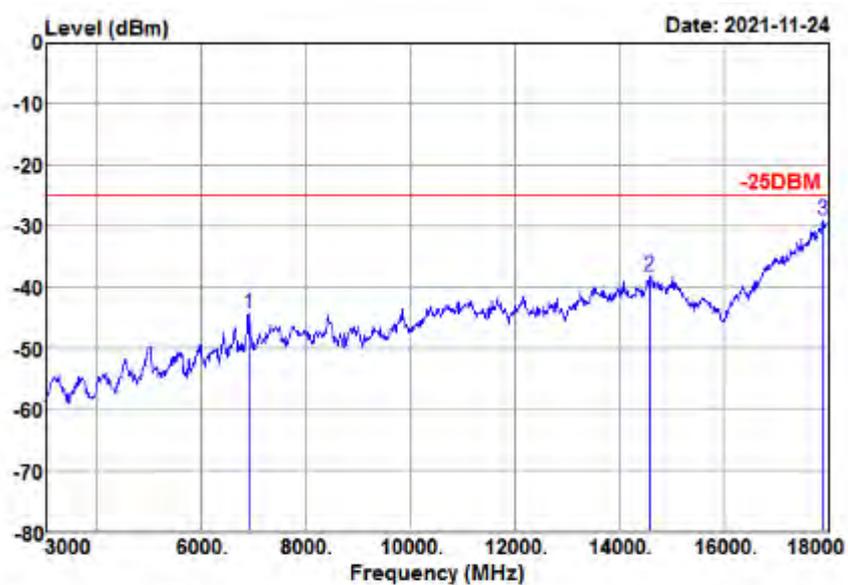


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.16	18.08	-44.08	-25.00	-19.08	Peak
13560.000	-67.53	28.26	-39.27	-25.00	-14.27	Peak
17850.000	-68.64	35.32	-33.32	-25.00	-8.32	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 40340	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			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.81	18.41	-44.40	-25.00	-19.40	Peak
14595.000	-66.39	28.28	-38.11	-25.00	-13.11	Peak
17910.000	-68.62	39.67	-28.95	-25.00	-3.95	Peak

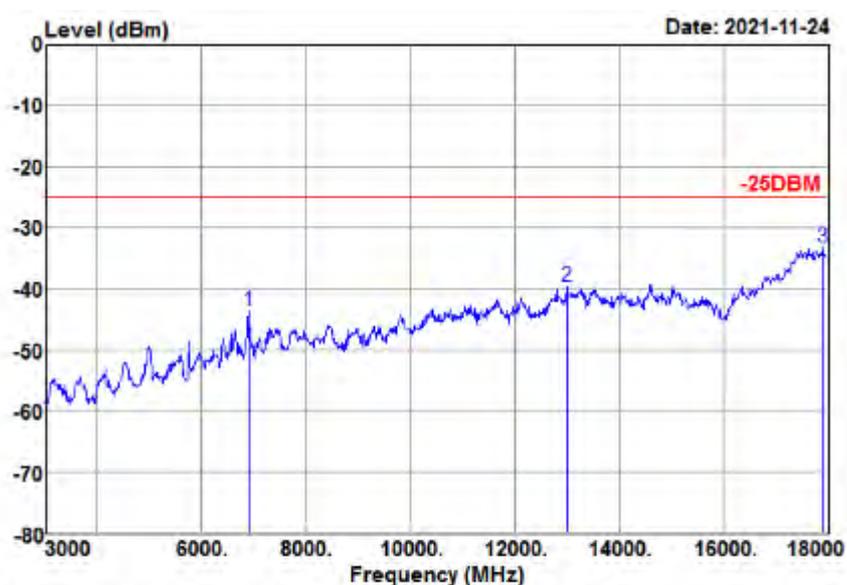


Test Report No.: W7L-P21100027RF16

CHANNEL BANDWIDTH: 20MHz / QPSK

CH 40140

MODE	TX channel 40140	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			

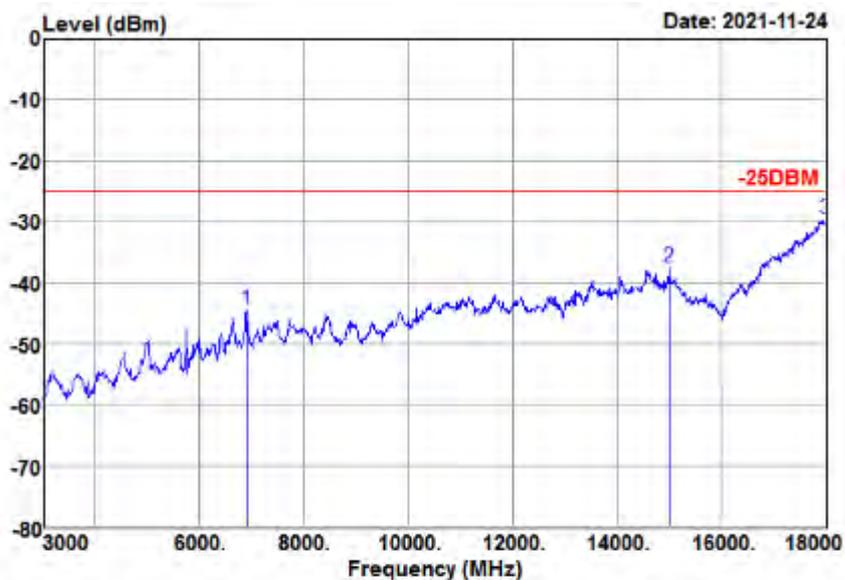


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-61.84	18.08	-43.76	-25.00	-18.76	Peak
13005.000	-68.33	28.68	-39.65	-25.00	-14.65	Peak
17910.000	-68.56	35.23	-33.33	-25.00	-8.33	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 40140	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			



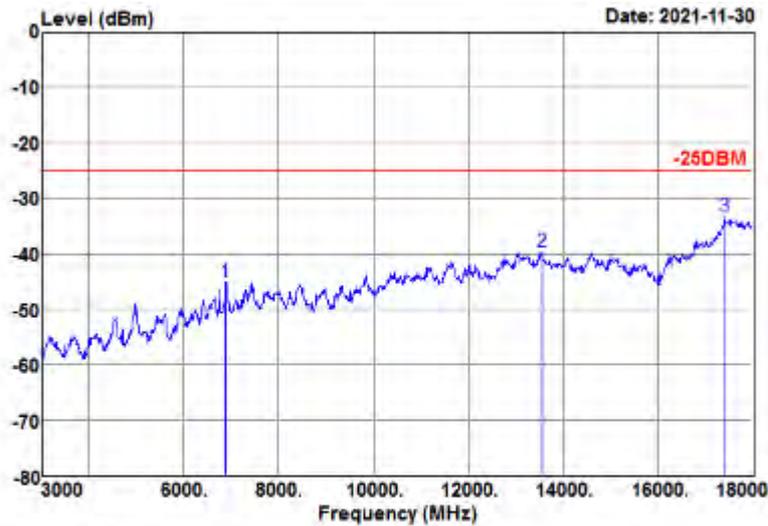
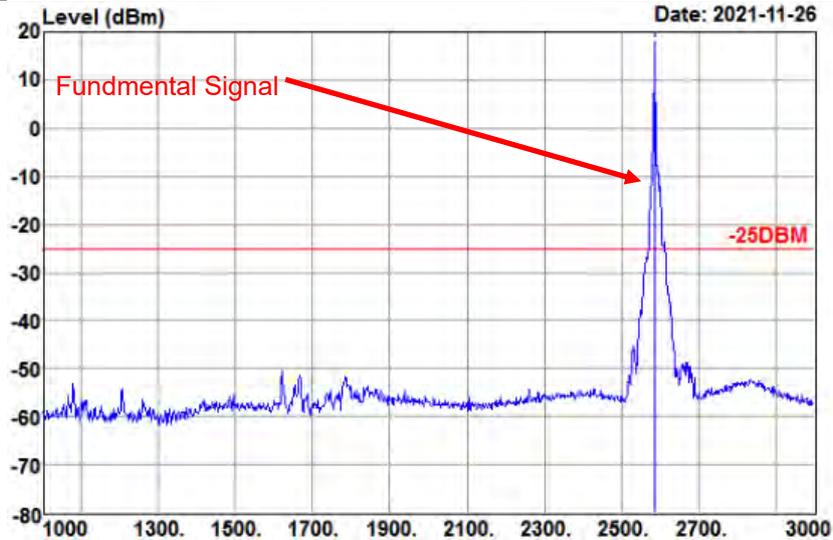
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.82	18.41	-44.41	-25.00	-19.41	Peak
15000.000	-66.36	28.81	-37.55	-25.00	-12.55	Peak
17985.000	-69.68	40.28	-29.40	-25.00	-4.40	Peak



Test Report No.: W7L-P21100027RF16

CH40340

MODE	TX channel 40340	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			

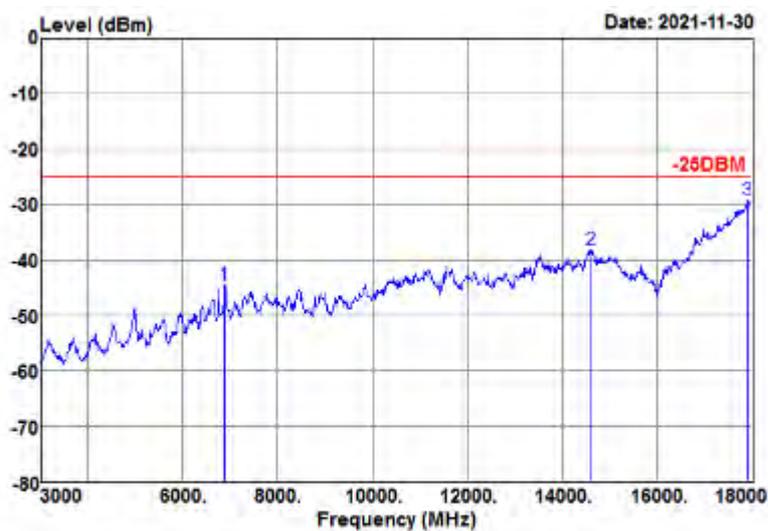
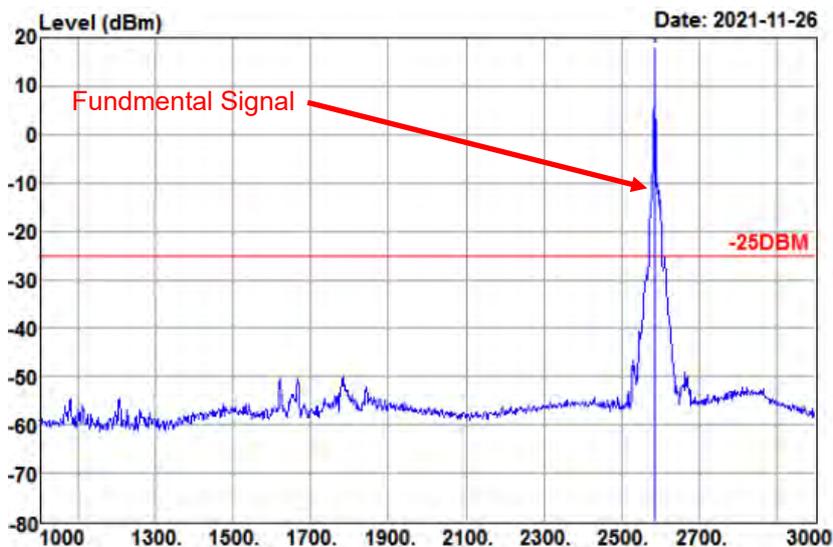


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-63.19	18.03	-45.16	-25.00	-20.16	Peak
13560.000	-67.99	28.26	-39.73	-25.00	-14.73	Peak
17415.000	-68.29	35.09	-33.20	-25.00	-8.20	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 40340	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			



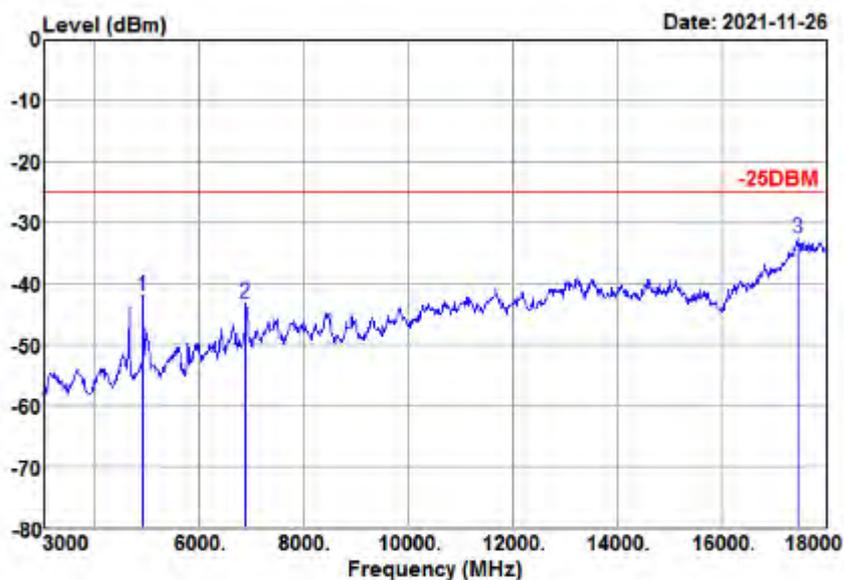
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6885.000	-62.86	18.36	-44.50	-25.00	-19.50	Peak
14610.000	-66.45	28.30	-38.15	-25.00	-13.15	Peak
17925.000	-68.95	39.79	-29.16	-25.00	-4.16	Peak



Test Report No.: W7L-P21100027RF16

CH41140

MODE	TX channel 41140	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			

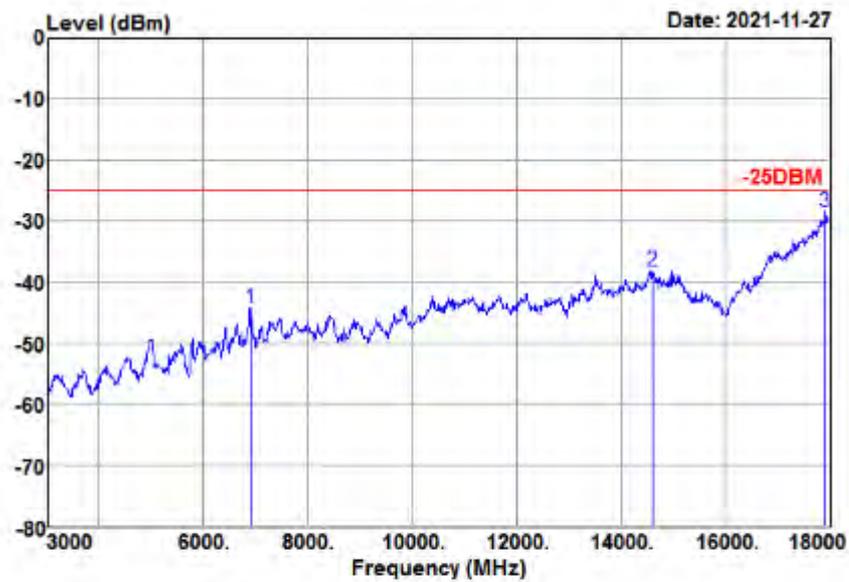


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
4920.000	-53.98	12.01	-41.97	-25.00	-16.97	Peak
6885.000	-61.29	18.03	-43.26	-25.00	-18.26	Peak
17460.000	-68.14	35.48	-32.66	-25.00	-7.66	Peak



Test Report No.: W7L-P21100027RF16

MODE	TX channel 41140	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			



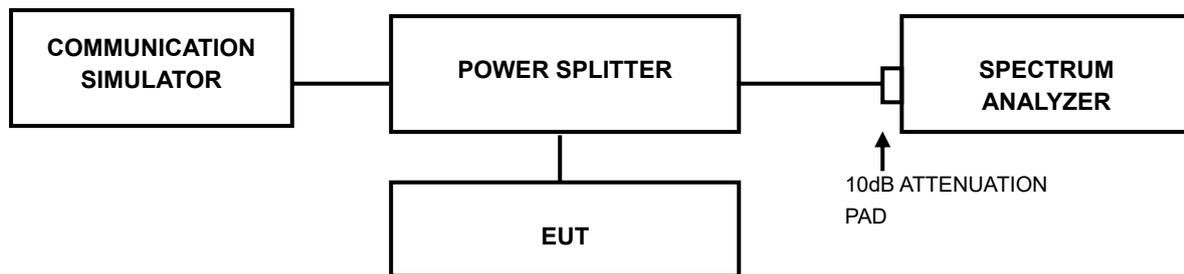
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6900.000	-62.71	18.41	-44.30	-25.00	-19.30	Peak
14610.000	-66.44	28.30	-38.14	-25.00	-13.14	Peak
17925.000	-68.25	39.79	-28.46	-25.00	-3.46	Peak

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%.



Test Report No.: W7L-P21100027RF16

3.7.4 TEST RESULTS

Please Refer to Appendix A 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.



5 APPENDIX A – 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.

NOTE: APPENDIX C is another word.

APPENDIX A

WCDMA BAND4

FREQUENCY STABILITY

BAND4

TEST RESULT

Band: 4							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1712.4	20	3.27	-1.80	-0.00	-2.5 to 2.5	Pass
			3.85	-5.74	-0.00	-2.5 to 2.5	Pass
			4.43	-3.23	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-4.71	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-4.01	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-3.72	-0.00	-2.5 to 2.5	Pass
		0	3.85	-3.43	-0.00	-2.5 to 2.5	Pass
		10	3.85	-2.97	-0.00	-2.5 to 2.5	Pass
		30	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
		40	3.85	-2.45	-0.00	-2.5 to 2.5	Pass
	50	3.85	-0.56	-0.00	-2.5 to 2.5	Pass	
	1732.6	20	3.27	-3.20	-0.00	-2.5 to 2.5	Pass
			3.85	-1.74	-0.00	-2.5 to 2.5	Pass
			4.43	-3.50	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-5.22	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-6.62	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-5.03	-0.00	-2.5 to 2.5	Pass
		0	3.85	-7.09	-0.00	-2.5 to 2.5	Pass
		10	3.85	-5.25	-0.00	-2.5 to 2.5	Pass
		30	3.85	-6.89	-0.00	-2.5 to 2.5	Pass
		40	3.85	-4.18	-0.00	-2.5 to 2.5	Pass
	50	3.85	-5.67	-0.00	-2.5 to 2.5	Pass	
	1752.6	20	3.27	-5.64	-0.00	-2.5 to 2.5	Pass
			3.85	-4.19	-0.00	-2.5 to 2.5	Pass
			4.43	-4.17	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-5.57	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-3.62	-0.00	-2.5 to 2.5	Pass
		0	3.85	-4.04	-0.00	-2.5 to 2.5	Pass
		10	3.85	-3.67	-0.00	-2.5 to 2.5	Pass



**BUREAU
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		30	3.85	0.14	0.00	-2.5 to 2.5	Pass
		40	3.85	-5.75	-0.00	-2.5 to 2.5	Pass
		50	3.85	-1.17	-0.00	-2.5 to 2.5	Pass

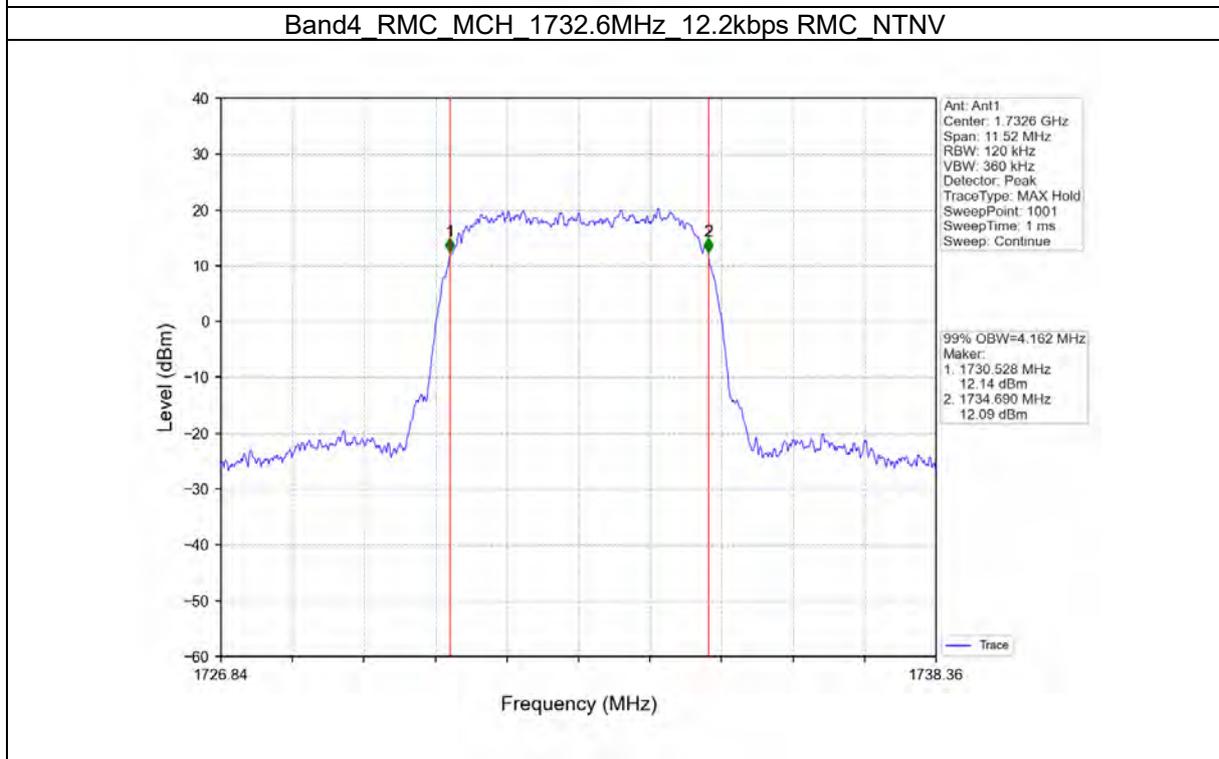
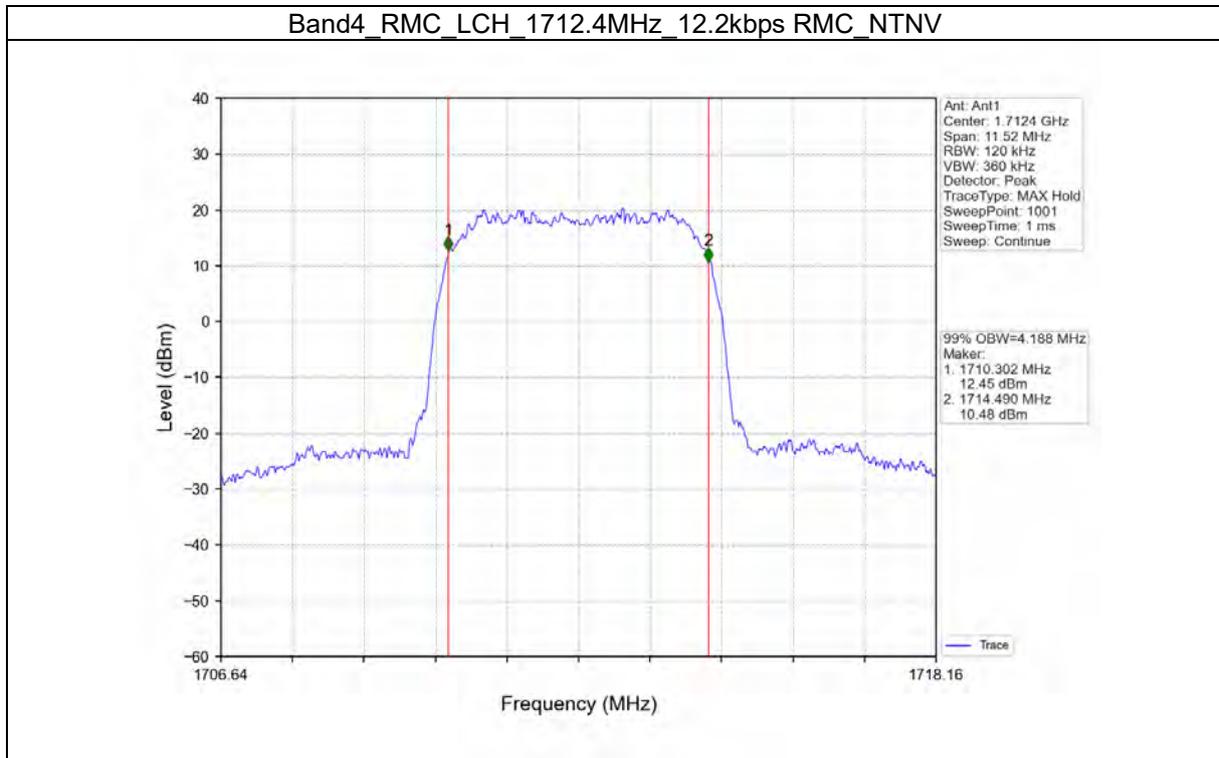
99% & 26DB BANDWIDTH

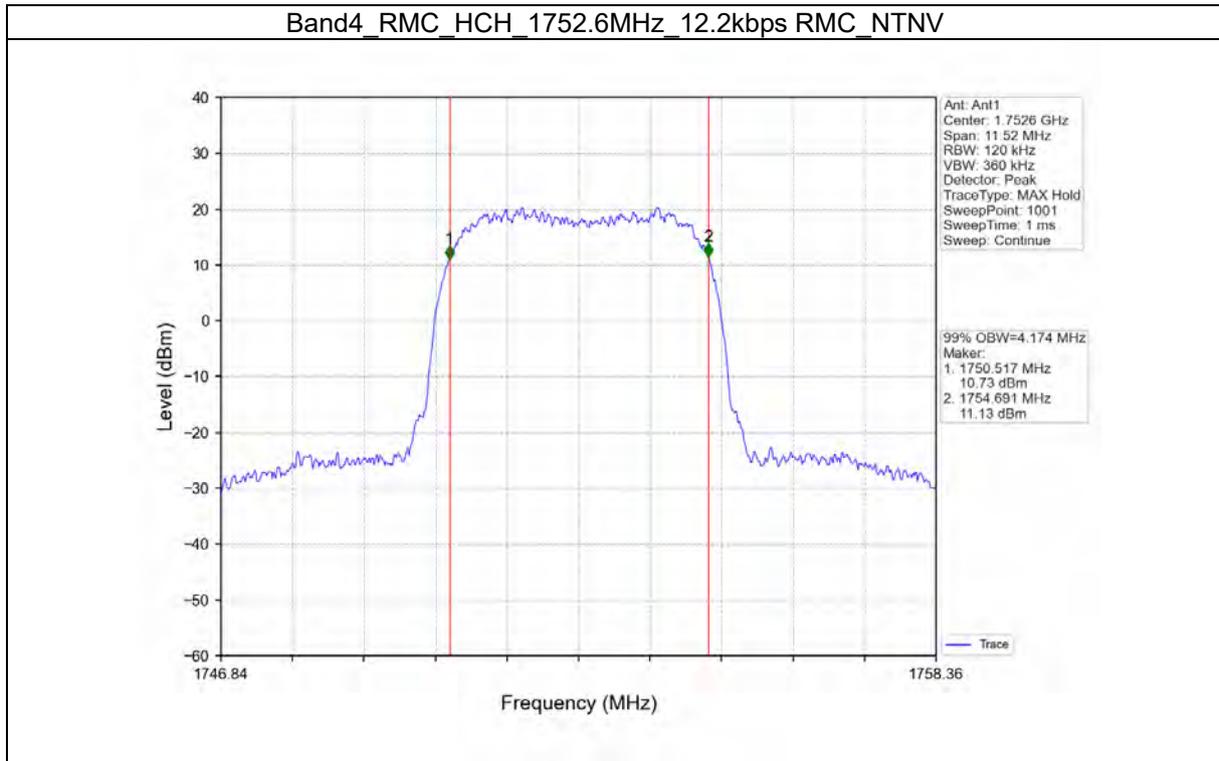
BAND4_OBW

TEST RESULT

Band: 4					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1712.4	4.188	Pass
			1732.6	4.162	Pass
			1752.6	4.174	Pass

TEST GRAPH







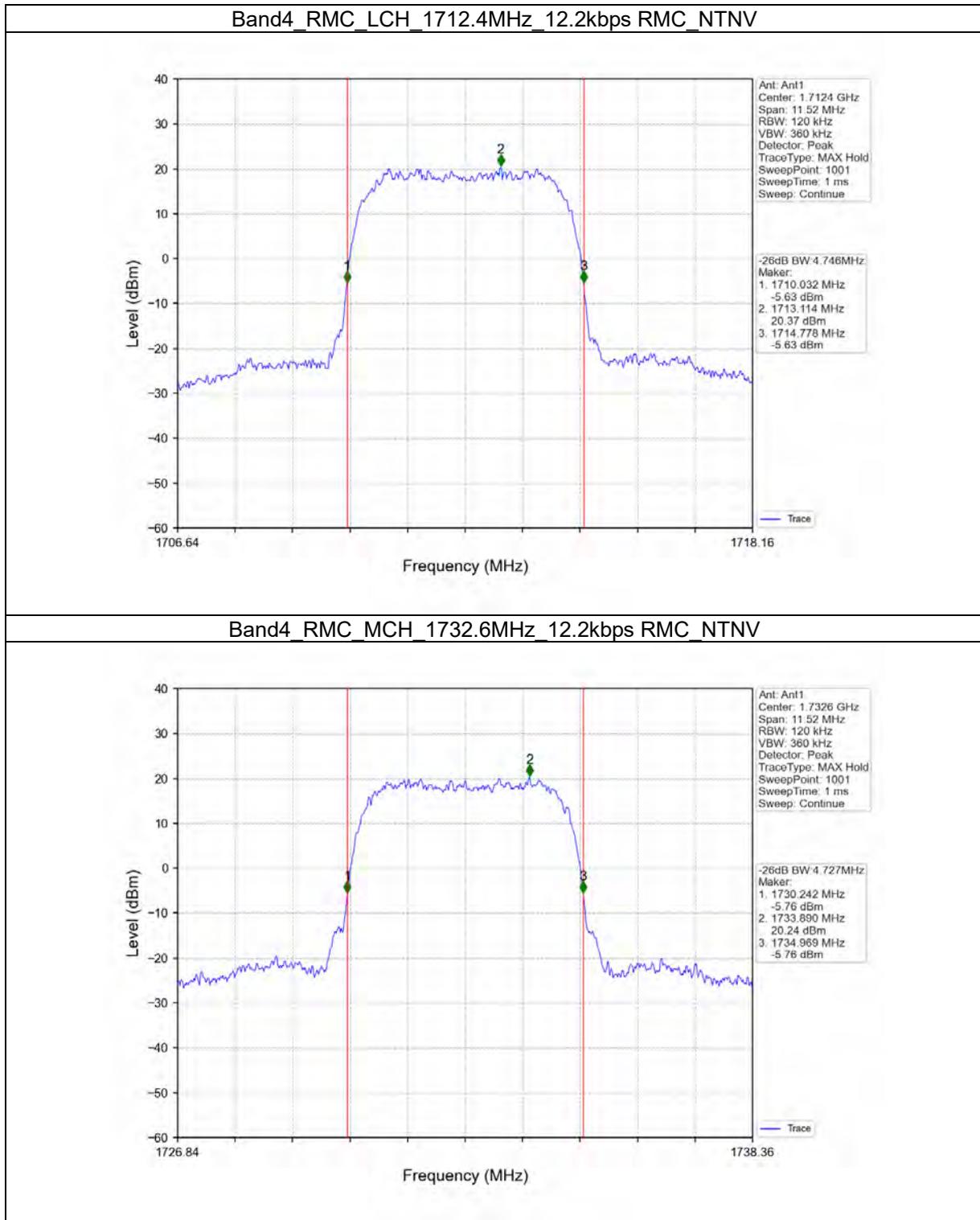
Test Report No.: W7L-P21100027RF16

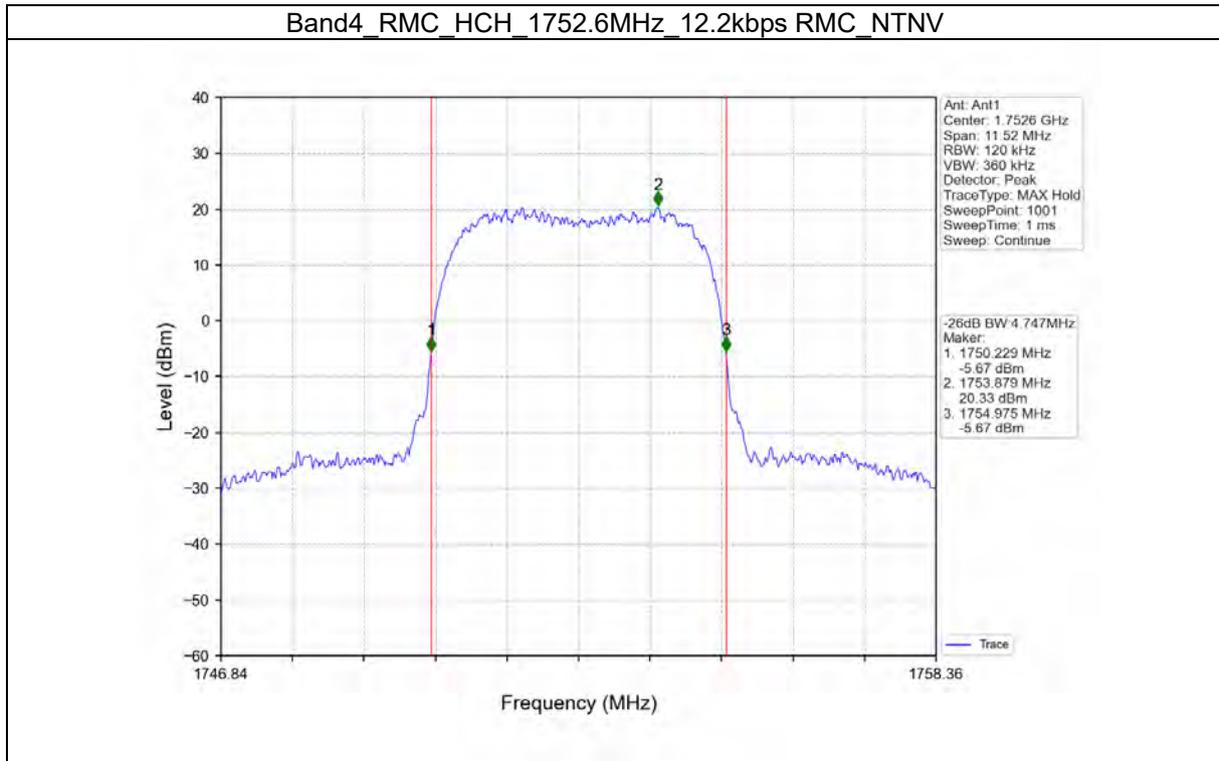
BAND4_XDB

TEST RESULT

Band: 4					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1712.4	4.746	Pass
			1732.6	4.727	Pass
			1752.6	4.747	Pass

TEST GRAPH







Test Report No.: W7L-P21100027RF16

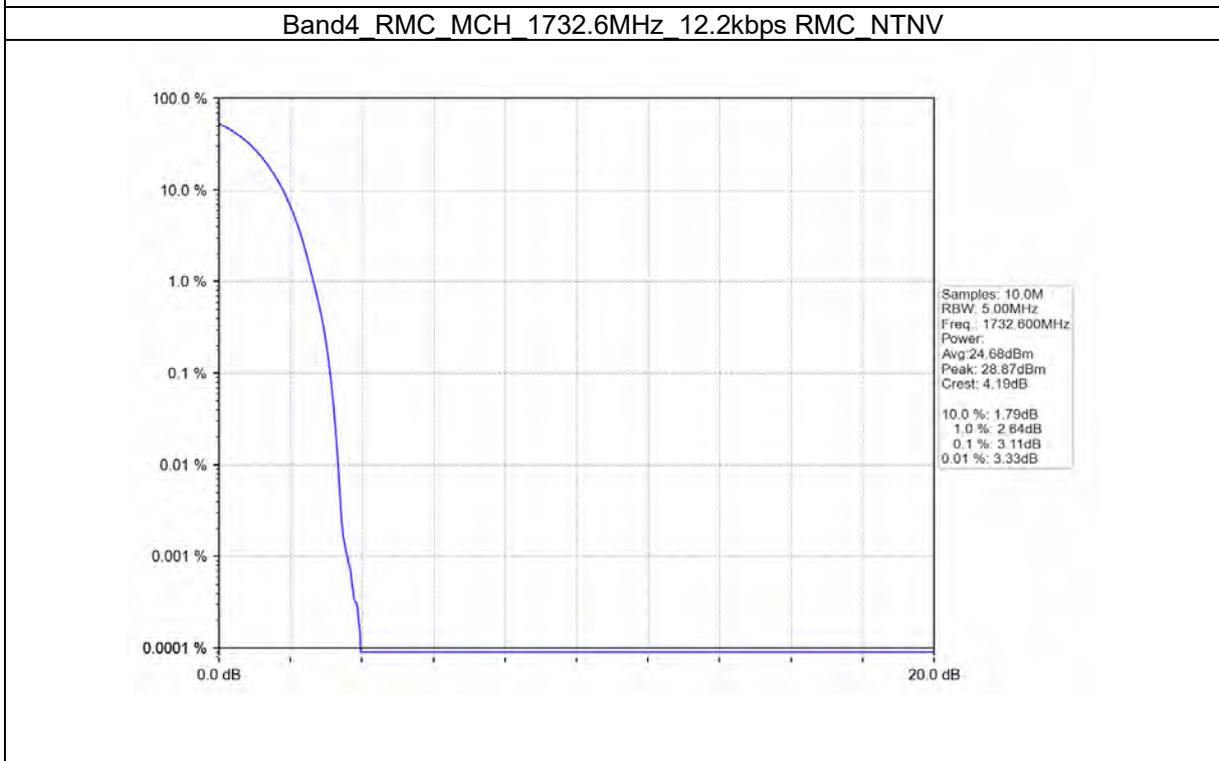
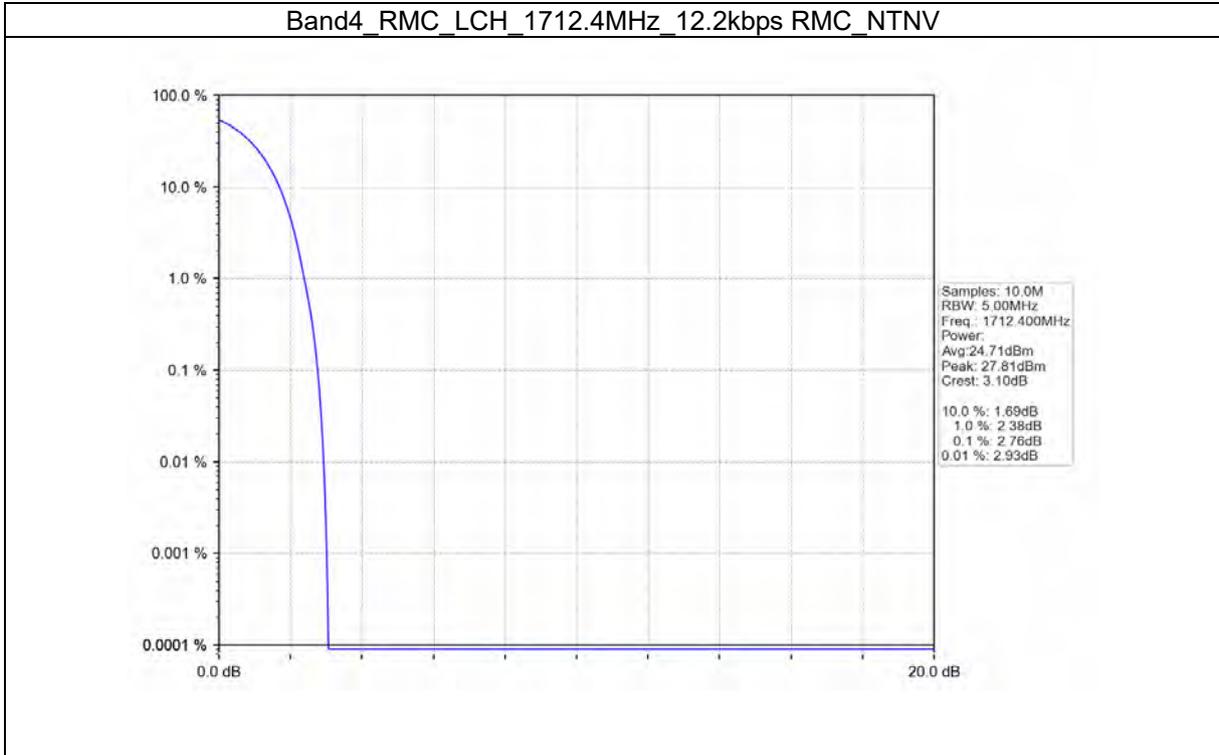
PEAK-AVERAGE RATIO

BAND4

TEST RESULT

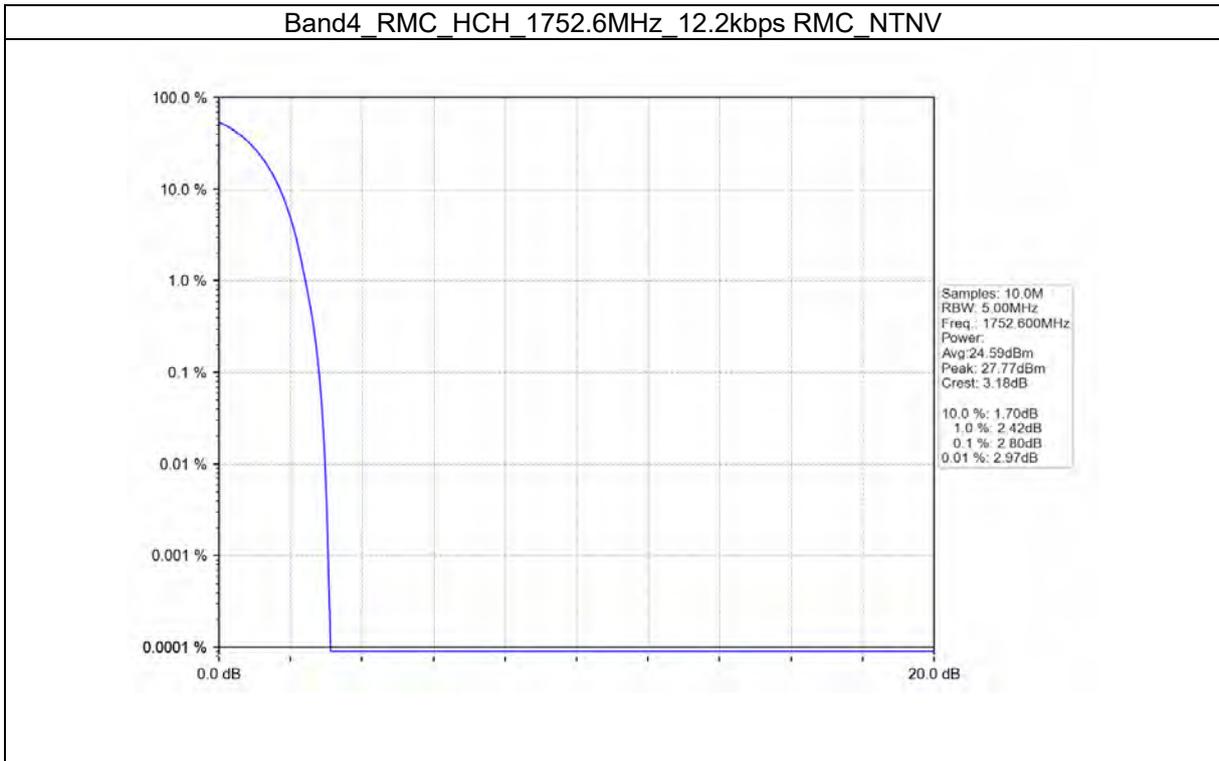
Band: 4						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	2.76	<=13	Pass
			1732.6	3.11	<=13	Pass
			1752.6	2.80	<=13	Pass

TEST GRAPH





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Test Report No.: W7L-P21100027RF16

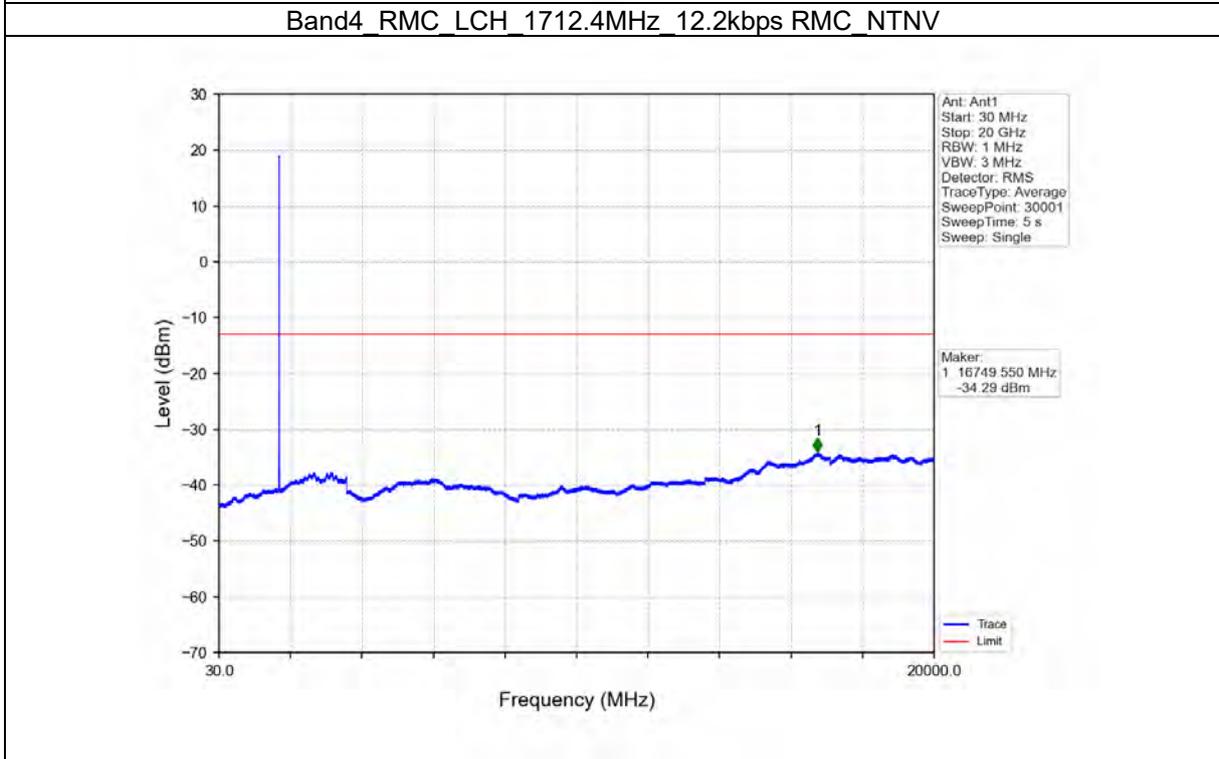
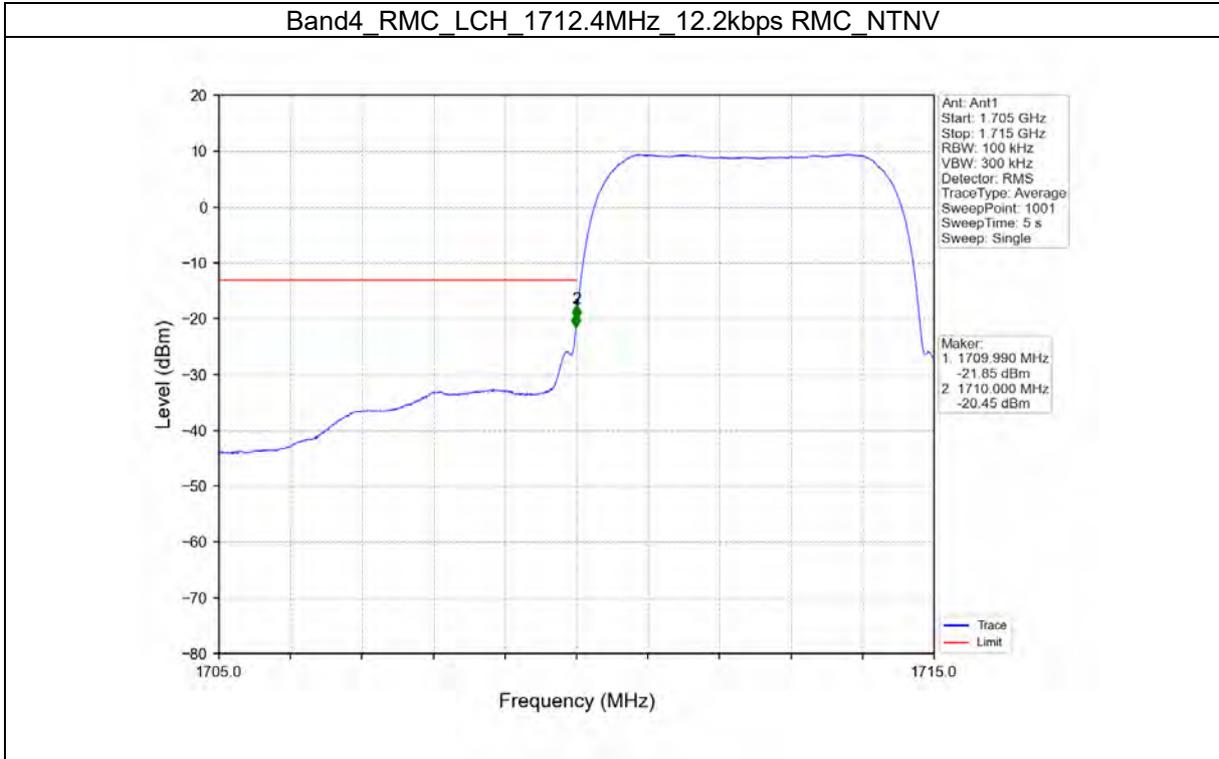
SPURIOUS EMISSION

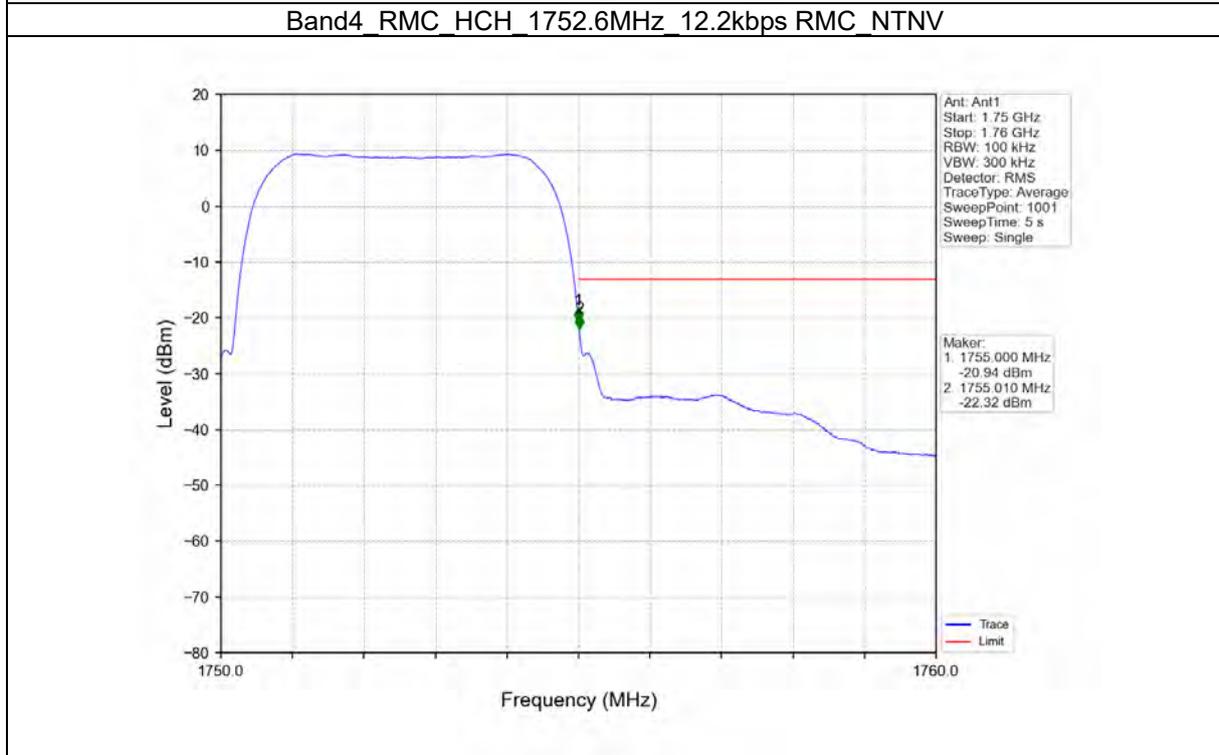
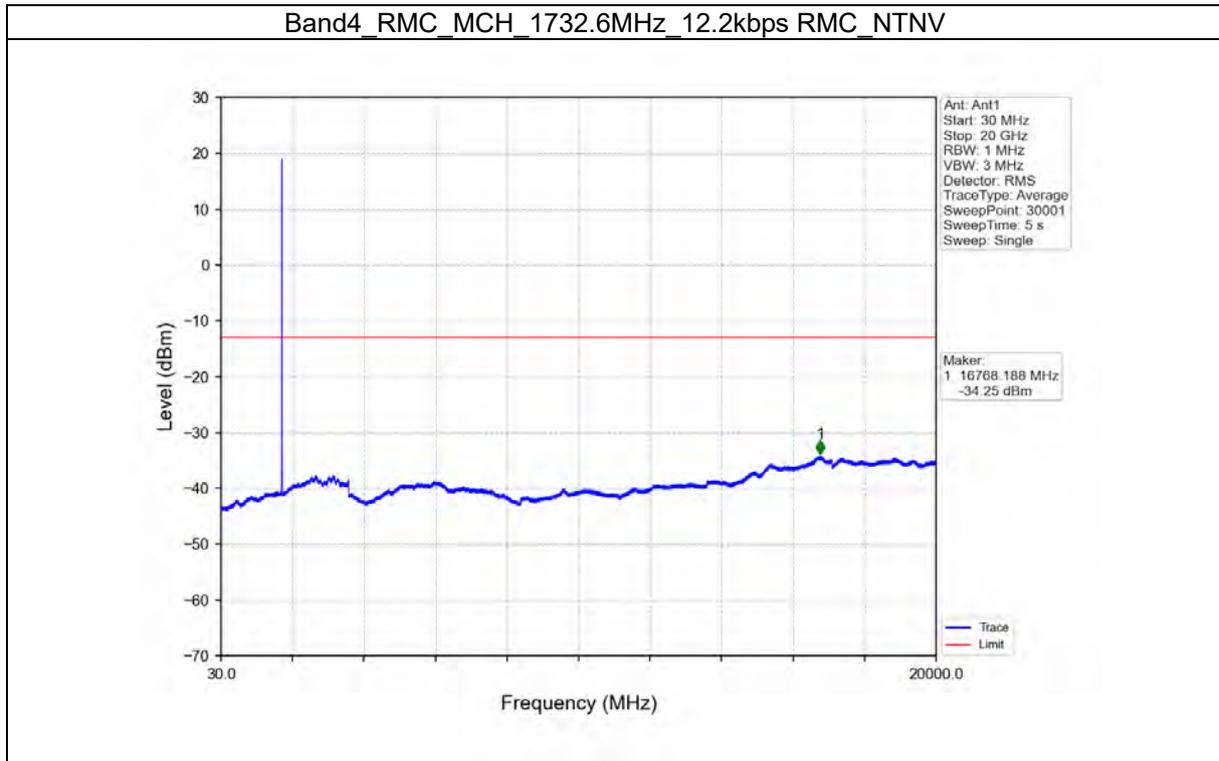
BAND4

TEST RESULT

Band: 4						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	Refer To Test Graph		Pass
			1732.6	Refer To Test Graph		Pass
			1752.6	Refer To Test Graph		Pass

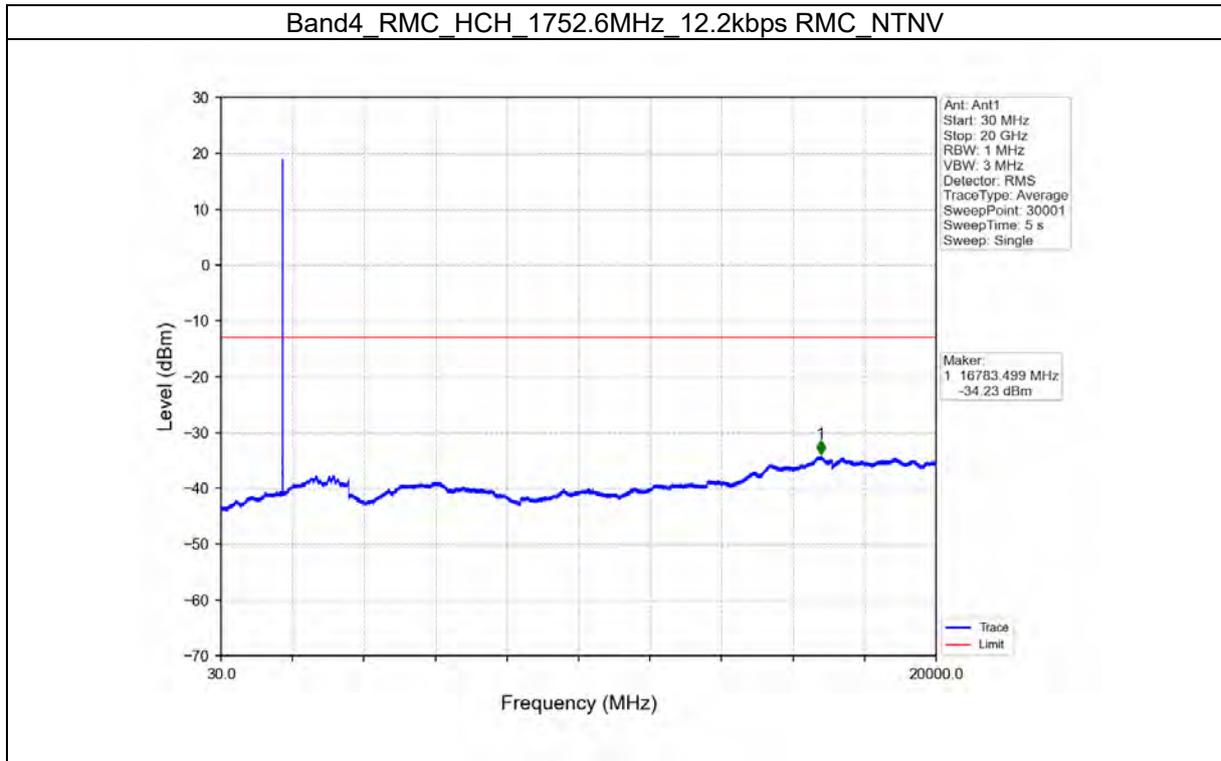
TEST GRAPH







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LTE BAND 4

FREQUENCY STABILITY

B4_1.4MHZ

TEST RESULT

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-6.44	-0.00	-2.5 to 2.5	Pass
					3.85	-9.23	-0.01	-2.5 to 2.5	Pass
					4.43	-12.09	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-5.05	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.99	-0.00	-2.5 to 2.5	Pass
				-10	3.85	6.82	0.00	-2.5 to 2.5	Pass
				0	3.85	2.35	0.00	-2.5 to 2.5	Pass
				10	3.85	1.46	0.00	-2.5 to 2.5	Pass
				30	3.85	0.36	0.00	-2.5 to 2.5	Pass
	40	3.85	0.70	0.00	-2.5 to 2.5	Pass			
	50	3.85	0.57	0.00	-2.5 to 2.5	Pass			
	1732.5	6	0	20	3.27	-4.99	-0.00	-2.5 to 2.5	Pass
					3.85	-3.90	-0.00	-2.5 to 2.5	Pass
					4.43	-7.31	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-7.34	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.42	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.79	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.70	0.00	-2.5 to 2.5	Pass
				10	3.85	1.52	0.00	-2.5 to 2.5	Pass
				30	3.85	2.62	0.00	-2.5 to 2.5	Pass
	40	3.85	0.27	0.00	-2.5 to 2.5	Pass			
	50	3.85	-2.45	-0.00	-2.5 to 2.5	Pass			
	1754.3	6	0	20	3.27	0.86	0.00	-2.5 to 2.5	Pass
					3.85	-8.58	-0.00	-2.5 to 2.5	Pass
					4.43	-7.41	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.45	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-8.33	-0.00	-2.5 to 2.5	Pass
-10				3.85	-5.28	-0.00	-2.5 to 2.5	Pass	
0				3.85	-6.78	-0.00	-2.5 to 2.5	Pass	
10				3.85	-4.99	-0.00	-2.5 to 2.5	Pass	
30				3.85	-7.71	-0.00	-2.5 to 2.5	Pass	
40	3.85	-5.39	-0.00	-2.5 to 2.5	Pass				
50	3.85	-3.20	-0.00	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	-1.22	-0.00	-2.5 to 2.5	Pass
					3.85	-0.34	-0.00	-2.5 to 2.5	Pass
					4.43	-0.47	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.03	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.83	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.63	-0.00	-2.5 to 2.5	Pass
10	3.85	-6.38	-0.00	-2.5 to 2.5	Pass				



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64QAM	1732.5	6	0	30	3.85	0.73	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.24	0.00	-2.5 to 2.5	Pass
				20	3.27	-3.33	-0.00	-2.5 to 2.5	Pass
					3.85	-0.24	-0.00	-2.5 to 2.5	Pass
					4.43	-1.89	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.71	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.09	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.75	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.82	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.59	-0.00	-2.5 to 2.5	Pass
	40	3.85	-0.19	-0.00	-2.5 to 2.5	Pass			
	50	3.85	-2.56	-0.00	-2.5 to 2.5	Pass			
	1754.3	6	0	20	3.27	2.98	0.00	-2.5 to 2.5	Pass
					3.85	-2.50	-0.00	-2.5 to 2.5	Pass
					4.43	-4.21	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-4.58	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.73	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.87	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.52	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.43	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.25	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.32	-0.00	-2.5 to 2.5	Pass
				1710.7	6	0	20	3.27	-2.05
	3.85	1.29	0.00					-2.5 to 2.5	Pass
	4.43	-1.57	-0.00					-2.5 to 2.5	Pass
	-30	3.85	2.35				0.00	-2.5 to 2.5	Pass
	-20	3.85	0.63				0.00	-2.5 to 2.5	Pass
	-10	3.85	-5.84				-0.00	-2.5 to 2.5	Pass
	0	3.85	-5.15				-0.00	-2.5 to 2.5	Pass
	10	3.85	-1.36				-0.00	-2.5 to 2.5	Pass
	30	3.85	-3.96				-0.00	-2.5 to 2.5	Pass
	40	3.85	-2.26				-0.00	-2.5 to 2.5	Pass
	50	3.85	-4.22				-0.00	-2.5 to 2.5	Pass
1732.5	6	0	20				3.27	-2.69	-0.00
				3.85	-0.76	-0.00	-2.5 to 2.5	Pass	
				4.43	0.73	0.00	-2.5 to 2.5	Pass	
			-30	3.85	-1.86	-0.00	-2.5 to 2.5	Pass	
			-20	3.85	-0.32	-0.00	-2.5 to 2.5	Pass	
			-10	3.85	-1.56	-0.00	-2.5 to 2.5	Pass	
			0	3.85	-3.49	-0.00	-2.5 to 2.5	Pass	
			10	3.85	-0.60	-0.00	-2.5 to 2.5	Pass	
			30	3.85	0.27	0.00	-2.5 to 2.5	Pass	
			40	3.85	3.40	0.00	-2.5 to 2.5	Pass	
			50	3.85	-4.99	-0.00	-2.5 to 2.5	Pass	
			1754.3	6	0	20	3.27	-7.92	-0.00
3.85	-3.15	-0.00					-2.5 to 2.5	Pass	
4.43	-1.66	-0.00					-2.5 to 2.5	Pass	
-30	3.85	-0.61				-0.00	-2.5 to 2.5	Pass	
-20	3.85	-2.52				-0.00	-2.5 to 2.5	Pass	
-10	3.85	-2.93	-0.00	-2.5 to 2.5	Pass				



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				0	3.85	-3.26	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.83	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.24	-0.00	-2.5 to 2.5	Pass
				40	3.85	-12.92	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.09	-0.00	-2.5 to 2.5	Pass

B4_3MHZ

TEST RESULT

Band: 4 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1711.5	15	0	20	3.27	-9.50	-0.01	-2.5 to 2.5	Pass	
					3.85	-13.66	-0.01	-2.5 to 2.5	Pass	
					4.43	-8.25	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-7.11	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-6.45	-0.00	-2.5 to 2.5	Pass
						3.85	-1.29	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.59	-0.00	-2.5 to 2.5	Pass	
					10	3.85	-2.93	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.96	-0.00	-2.5 to 2.5	Pass	
				40	3.85	7.18	0.00	-2.5 to 2.5	Pass	
	50	3.85	2.55	0.00	-2.5 to 2.5	Pass				
	1732.5	15	0	20	3.27	-0.84	-0.00	-2.5 to 2.5	Pass	
					3.85	-5.31	-0.00	-2.5 to 2.5	Pass	
					4.43	0.59	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-1.95	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-3.39	-0.00	-2.5 to 2.5	Pass
						3.85	-2.25	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.43	0.00	-2.5 to 2.5	Pass	
					10	3.85	0.46	0.00	-2.5 to 2.5	Pass
				30	3.85	4.96	0.00	-2.5 to 2.5	Pass	
				40	3.85	1.47	0.00	-2.5 to 2.5	Pass	
	50	3.85	2.40	0.00	-2.5 to 2.5	Pass				
	1753.5	15	0	20	3.27	-6.08	-0.00	-2.5 to 2.5	Pass	
					3.85	-5.81	-0.00	-2.5 to 2.5	Pass	
					4.43	-3.72	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-6.82	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	0.54	0.00	-2.5 to 2.5	Pass
						3.85	-4.18	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.43	0.00	-2.5 to 2.5	Pass	
					10	3.85	1.02	0.00	-2.5 to 2.5	Pass
30				3.85	-0.39	-0.00	-2.5 to 2.5	Pass		
40				3.85	0.81	0.00	-2.5 to 2.5	Pass		
50	3.85	3.79	0.00	-2.5 to 2.5	Pass					
16QAM	1711.5	15	0	20	3.27	2.39	0.00	-2.5 to 2.5	Pass	
					3.85	0.44	0.00	-2.5 to 2.5	Pass	
					4.43	2.05	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.36	-0.00	-2.5 to 2.5	Pass	
					3.85	0.77	0.00	-2.5 to 2.5	Pass	



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64QAM	1732.5	15	0	-10	3.85	-1.70	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.72	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.46	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.54	0.00	-2.5 to 2.5	Pass
				40	3.85	-4.58	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.49	0.00	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.83	0.00	-2.5 to 2.5	Pass
					3.85	3.59	0.00	-2.5 to 2.5	Pass
					4.43	1.46	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.26	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.02	-0.00	-2.5 to 2.5	Pass
				-10	3.85	1.13	0.00	-2.5 to 2.5	Pass
				0	3.85	3.02	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.47	-0.00	-2.5 to 2.5	Pass
				30	3.85	3.08	0.00	-2.5 to 2.5	Pass
				40	3.85	-1.99	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.37	-0.00	-2.5 to 2.5	Pass
				1753.5	15	0	20	3.27	0.40
	3.85	1.99	0.00					-2.5 to 2.5	Pass
	4.43	4.41	0.00					-2.5 to 2.5	Pass
	-30	3.85	0.94				0.00	-2.5 to 2.5	Pass
	-20	3.85	-0.07				0.00	-2.5 to 2.5	Pass
	-10	3.85	-4.51				-0.00	-2.5 to 2.5	Pass
	0	3.85	-2.13				-0.00	-2.5 to 2.5	Pass
	10	3.85	-2.40				-0.00	-2.5 to 2.5	Pass
	30	3.85	-1.92				-0.00	-2.5 to 2.5	Pass
	40	3.85	-1.13				-0.00	-2.5 to 2.5	Pass
	50	3.85	-4.46				-0.00	-2.5 to 2.5	Pass
	1711.5	15	0				20	3.27	2.06
				3.85	-0.40	-0.00		-2.5 to 2.5	Pass
				4.43	2.89	0.00		-2.5 to 2.5	Pass
				-30	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.96	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.52	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.27	-0.00	-2.5 to 2.5	Pass
30				3.85	-2.23	-0.00	-2.5 to 2.5	Pass	
40				3.85	-8.51	-0.01	-2.5 to 2.5	Pass	
50				3.85	-5.84	-0.00	-2.5 to 2.5	Pass	
1732.5				15	0	20	3.27	0.37	0.00
		3.85	-2.75				-0.00	-2.5 to 2.5	Pass
		4.43	0.33				0.00	-2.5 to 2.5	Pass
		-30	3.85			-6.05	-0.00	-2.5 to 2.5	Pass
		-20	3.85			0.64	0.00	-2.5 to 2.5	Pass
		-10	3.85			-5.18	-0.00	-2.5 to 2.5	Pass
		0	3.85			-3.38	-0.00	-2.5 to 2.5	Pass
		10	3.85			-5.36	-0.00	-2.5 to 2.5	Pass
		30	3.85			-6.77	-0.00	-2.5 to 2.5	Pass
		40	3.85			-4.63	-0.00	-2.5 to 2.5	Pass
		50	3.85			-7.34	-0.00	-2.5 to 2.5	Pass
		1753.5	15			0	20	3.27	-4.09
3.85				3.53	0.00			-2.5 to 2.5	Pass
4.43	-2.39			-0.00	-2.5 to 2.5			Pass	



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				-30	3.85	-0.33	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.96	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.21	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.96	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.62	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.32	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.99	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.56	-0.00	-2.5 to 2.5	Pass

B4_5MHZ

TEST RESULT

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-9.33	-0.01	-2.5 to 2.5	Pass
					3.85	-1.75	-0.00	-2.5 to 2.5	Pass
					4.43	-3.92	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.73	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.20	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.11	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.13	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.66	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.01	0.00	-2.5 to 2.5	Pass
	40	3.85	0.26	0.00	-2.5 to 2.5	Pass			
	50	3.85	-0.26	-0.00	-2.5 to 2.5	Pass			
	1732.5	25	0	20	3.27	-9.54	-0.01	-2.5 to 2.5	Pass
					3.85	-7.24	-0.00	-2.5 to 2.5	Pass
					4.43	0.30	0.00	-2.5 to 2.5	Pass
				-30	3.85	-4.49	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-7.11	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.76	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
10				3.85	-1.76	-0.00	-2.5 to 2.5	Pass	
30				3.85	0.04	0.00	-2.5 to 2.5	Pass	



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	1752.5	25	0	40	3.85	-2.38	-0.00	-2.5 to 2.5	Pass				
				50	3.85	-2.58	-0.00	-2.5 to 2.5	Pass				
				20	3.27	-1.56	-0.00	-2.5 to 2.5	Pass				
					3.85	-0.13	-0.00	-2.5 to 2.5	Pass				
					4.43	-1.45	-0.00	-2.5 to 2.5	Pass				
				-30	3.85	-3.08	-0.00	-2.5 to 2.5	Pass				
				-20	3.85	-2.99	-0.00	-2.5 to 2.5	Pass				
				-10	3.85	0.96	0.00	-2.5 to 2.5	Pass				
				0	3.85	-1.96	-0.00	-2.5 to 2.5	Pass				
				10	3.85	-2.93	-0.00	-2.5 to 2.5	Pass				
				30	3.85	0.24	0.00	-2.5 to 2.5	Pass				
				40	3.85	2.32	0.00	-2.5 to 2.5	Pass				
				50	3.85	1.13	0.00	-2.5 to 2.5	Pass				
				16QAM	1712.5	25	0	20	3.27	2.07	0.00	-2.5 to 2.5	Pass
3.85	0.24	0.00	-2.5 to 2.5						Pass				
4.43	1.12	0.00	-2.5 to 2.5						Pass				
-30	3.85	-0.32	-0.00					-2.5 to 2.5	Pass				
-20	3.85	-1.07	-0.00					-2.5 to 2.5	Pass				
-10	3.85	-0.81	-0.00					-2.5 to 2.5	Pass				
0	3.85	-3.12	-0.00					-2.5 to 2.5	Pass				
10	3.85	-2.80	-0.00					-2.5 to 2.5	Pass				
30	3.85	-0.69	-0.00					-2.5 to 2.5	Pass				
40	3.85	-0.24	-0.00					-2.5 to 2.5	Pass				
50	3.85	-3.71	-0.00					-2.5 to 2.5	Pass				
	1732.5	25	0					20	3.27	-1.53	-0.00	-2.5 to 2.5	Pass
									3.85	-2.12	-0.00	-2.5 to 2.5	Pass
									4.43	-2.90	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.43	-0.00	-2.5 to 2.5	Pass				
				-20	3.85	-3.81	-0.00	-2.5 to 2.5	Pass				
				-10	3.85	-4.13	-0.00	-2.5 to 2.5	Pass				
				0	3.85	-0.24	-0.00	-2.5 to 2.5	Pass				



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64QAM				10	3.85	-1.50	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.70	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.45	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.12	-0.00	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.12	-0.00	-2.5 to 2.5	Pass
					3.85	6.18	0.00	-2.5 to 2.5	Pass
					4.43	-4.03	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.89	-0.00	-2.5 to 2.5	Pass
				-20	3.85	2.70	0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.27	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.92	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.32	-0.00	-2.5 to 2.5	Pass
				30	3.85	2.39	0.00	-2.5 to 2.5	Pass
				40	3.85	-3.73	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.87	-0.00	-2.5 to 2.5	Pass
				1712.5	25	0	20	3.27	-0.64
	3.85	-1.50	-0.00					-2.5 to 2.5	Pass
	4.43	-2.96	-0.00					-2.5 to 2.5	Pass
	-30	3.85	-6.21				-0.00	-2.5 to 2.5	Pass
	-20	3.85	-3.65				-0.00	-2.5 to 2.5	Pass
-10	3.85	-0.87	-0.00				-2.5 to 2.5	Pass	
0	3.85	-4.66	-0.00				-2.5 to 2.5	Pass	
10	3.85	-3.93	-0.00				-2.5 to 2.5	Pass	
30	3.85	-4.22	-0.00				-2.5 to 2.5	Pass	
40	3.85	-6.17	-0.00				-2.5 to 2.5	Pass	
50	3.85	-3.12	-0.00				-2.5 to 2.5	Pass	
1732.5	25	0	20				3.27	-5.34	-0.00
				3.85	-5.82	-0.00	-2.5 to 2.5	Pass	
				4.43	-2.39	-0.00	-2.5 to 2.5	Pass	
			-30	3.85	-2.16	-0.00	-2.5 to 2.5	Pass	
			-20	3.85	-2.77	-0.00	-2.5 to 2.5	Pass	



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				-10	3.85	-5.95	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.66	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.42	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.66	-0.00	-2.5 to 2.5	Pass
				40	3.85	-7.00	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.82	-0.00	-2.5 to 2.5	Pass
					3.85	-3.82	-0.00	-2.5 to 2.5	Pass
					4.43	3.42	0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.59	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.01	0.00	-2.5 to 2.5	Pass
				10	3.85	-4.41	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.76	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.76	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.33	-0.00	-2.5 to 2.5	Pass

B4_10MHZ

TEST RESULT

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-3.85	-0.00	-2.5 to 2.5	Pass
					3.85	-1.56	-0.00	-2.5 to 2.5	Pass
					4.43	-0.50	-0.00	-2.5 to 2.5	Pass
				-30	3.85	1.83	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.74	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.69	0.00	-2.5 to 2.5	Pass
				0	3.85	1.07	0.00	-2.5 to 2.5	Pass



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				10	3.85	1.73	0.00	-2.5 to 2.5	Pass				
				30	3.85	-0.04	0.00	-2.5 to 2.5	Pass				
				40	3.85	-1.22	-0.00	-2.5 to 2.5	Pass				
				50	3.85	0.40	0.00	-2.5 to 2.5	Pass				
	1732.5	50	0	20	3.27	-4.11	-0.00	-2.5 to 2.5	Pass				
3.85					-3.76	-0.00	-2.5 to 2.5	Pass					
4.43					-4.19	-0.00	-2.5 to 2.5	Pass					
							-30	3.85	-3.82	-0.00	-2.5 to 2.5	Pass	
							-20	3.85	-2.43	-0.00	-2.5 to 2.5	Pass	
							-10	3.85	-3.02	-0.00	-2.5 to 2.5	Pass	
							0	3.85	-4.99	-0.00	-2.5 to 2.5	Pass	
							10	3.85	-1.29	-0.00	-2.5 to 2.5	Pass	
							30	3.85	-5.01	-0.00	-2.5 to 2.5	Pass	
							40	3.85	-3.83	-0.00	-2.5 to 2.5	Pass	
							50	3.85	-2.85	-0.00	-2.5 to 2.5	Pass	
	1750	50	0	20	3.27	0.27	0.00	-2.5 to 2.5	Pass				
3.85					-1.93	-0.00	-2.5 to 2.5	Pass					
4.43					0.60	0.00	-2.5 to 2.5	Pass					
							-30	3.85	1.37	0.00	-2.5 to 2.5	Pass	
							-20	3.85	-1.00	-0.00	-2.5 to 2.5	Pass	
							-10	3.85	0.32	0.00	-2.5 to 2.5	Pass	
							0	3.85	-0.39	-0.00	-2.5 to 2.5	Pass	
							10	3.85	1.50	0.00	-2.5 to 2.5	Pass	
							30	3.85	0.76	0.00	-2.5 to 2.5	Pass	
							40	3.85	-0.17	-0.00	-2.5 to 2.5	Pass	
							50	3.85	-1.99	-0.00	-2.5 to 2.5	Pass	
16QAM	1715	50	0	20	3.27	0.01	0.00	-2.5 to 2.5	Pass				
					3.85	1.17	0.00	-2.5 to 2.5	Pass				
					4.43	1.09	0.00	-2.5 to 2.5	Pass				
								-30	3.85	1.82	0.00	-2.5 to 2.5	Pass
								-20	3.85	1.67	0.00	-2.5 to 2.5	Pass



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				-10	3.85	2.99	0.00	-2.5 to 2.5	Pass			
				0	3.85	1.63	0.00	-2.5 to 2.5	Pass			
				10	3.85	2.10	0.00	-2.5 to 2.5	Pass			
				30	3.85	2.89	0.00	-2.5 to 2.5	Pass			
				40	3.85	0.30	0.00	-2.5 to 2.5	Pass			
				50	3.85	0.36	0.00	-2.5 to 2.5	Pass			
	1732.5	50	0	20	3.27	-3.02	-0.00	-2.5 to 2.5	Pass			
3.85					-2.02	-0.00	-2.5 to 2.5	Pass				
4.43					-3.16	-0.00	-2.5 to 2.5	Pass				
							-30	3.85	-4.33	-0.00	-2.5 to 2.5	Pass
							-20	3.85	-8.77	-0.01	-2.5 to 2.5	Pass
							-10	3.85	-4.12	-0.00	-2.5 to 2.5	Pass
							0	3.85	-4.22	-0.00	-2.5 to 2.5	Pass
							10	3.85	0.84	0.00	-2.5 to 2.5	Pass
							30	3.85	-4.16	-0.00	-2.5 to 2.5	Pass
							40	3.85	-3.50	-0.00	-2.5 to 2.5	Pass
							50	3.85	-4.75	-0.00	-2.5 to 2.5	Pass
				1750	50	0	20	3.27	-1.87	-0.00	-2.5 to 2.5	Pass
3.85	-1.14	-0.00	-2.5 to 2.5					Pass				
4.43	0.39	0.00	-2.5 to 2.5					Pass				
							-30	3.85	-0.70	-0.00	-2.5 to 2.5	Pass
							-20	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
							-10	3.85	-0.26	-0.00	-2.5 to 2.5	Pass
							0	3.85	1.59	0.00	-2.5 to 2.5	Pass
							10	3.85	-0.80	-0.00	-2.5 to 2.5	Pass
							30	3.85	1.57	0.00	-2.5 to 2.5	Pass
							40	3.85	-0.14	-0.00	-2.5 to 2.5	Pass
							50	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.27	-0.93	-0.00	-2.5 to 2.5	Pass			
					3.85	4.79	0.00	-2.5 to 2.5	Pass			
					4.43	2.62	0.00	-2.5 to 2.5	Pass			