



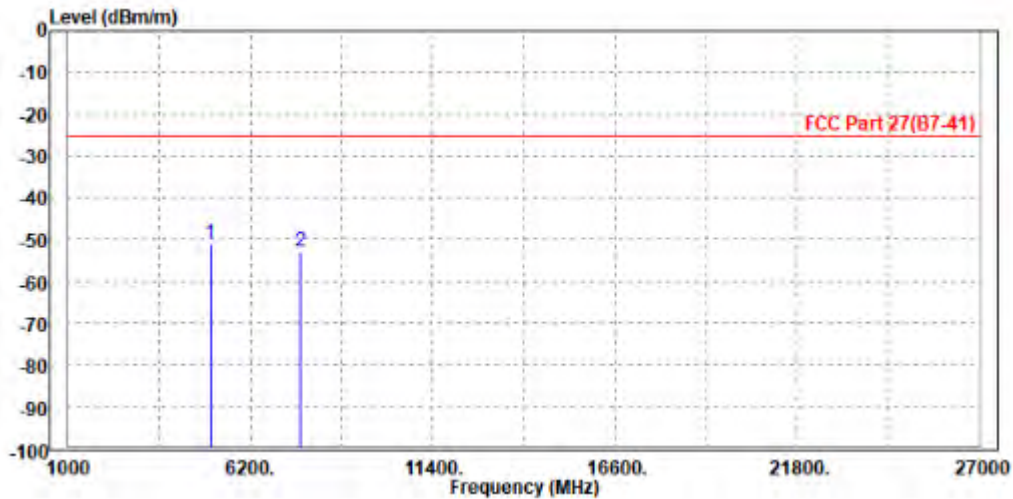
BUREAU
VERITAS

Test Report No.: W7L-P22090015-4RF06

CHANNEL BANDWIDTH: 20MHz / QPSK

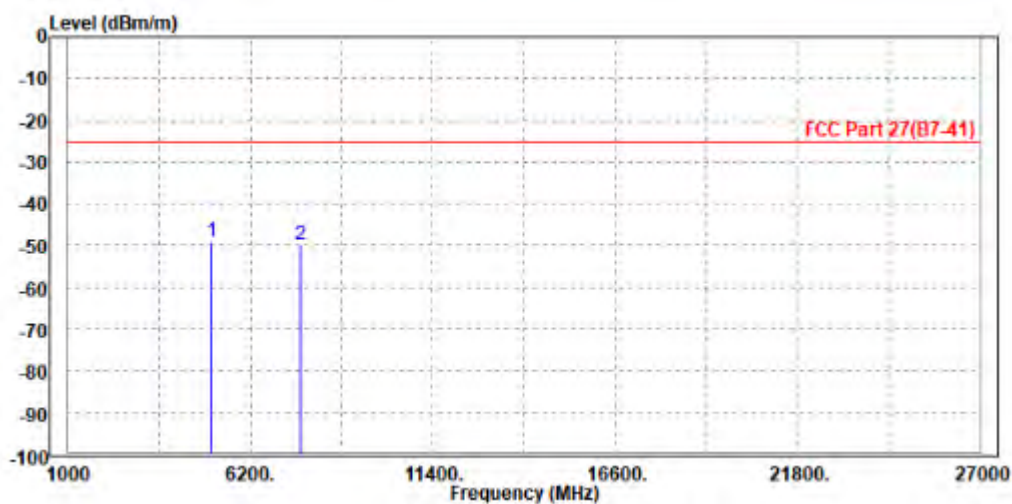
MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	5070.000	-51.07	-60.87	-25.00	-26.07	9.80	Peak	Horizontal
2	7604.000	-52.86	-65.03	-25.00	-27.86	12.17	Peak	Horizontal



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	Level	Read	Limit	Over			
	MHz	dBm/m	Level	Line	Limit	Factor	Remark	Pol/Phase
			dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-49.11	-59.45	-25.00	-24.11	10.34	Peak	Vertical
2	7605.000	-49.68	-64.53	-25.00	-24.68	14.85	Peak	Vertical





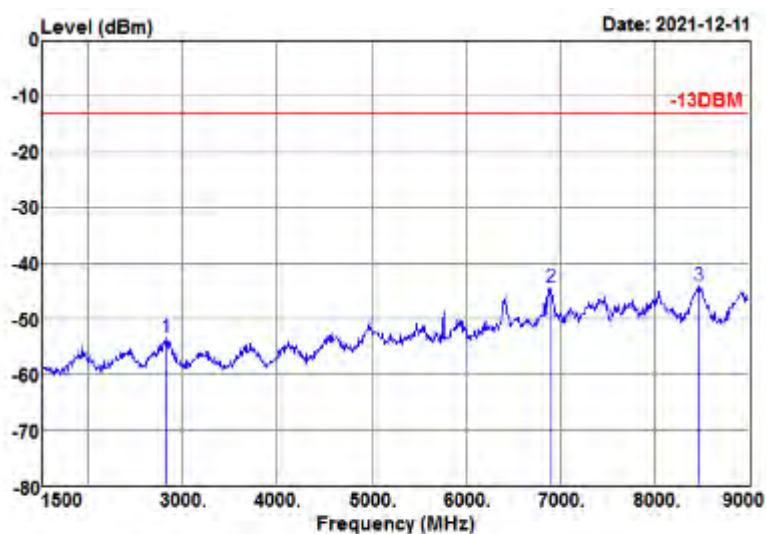
**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-4RF06

LTE BAND 12

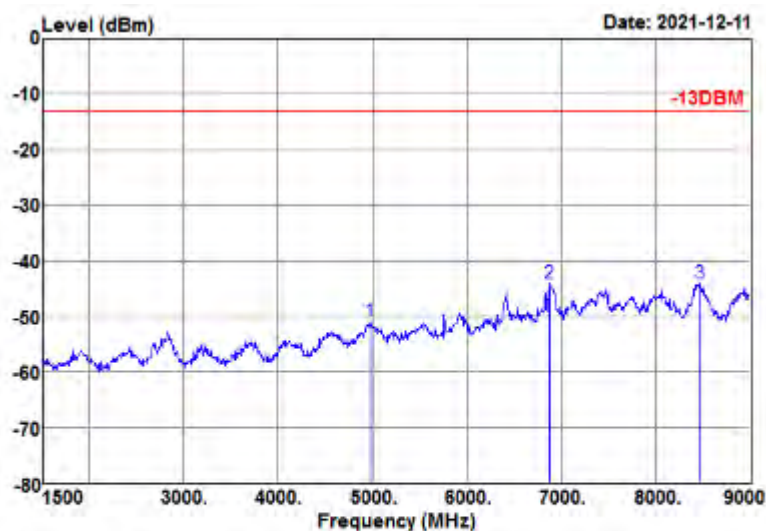
CHANNEL BANDWIDTH: 1.4MHz / QPSK

MODE	TX channel 23095	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
2835.000	-61.10	7.70	-53.40	-13.00	-40.40	Peak
6900.000	-62.46	18.11	-44.35	-13.00	-31.35	Peak
8467.500	-63.28	19.26	-44.02	-13.00	-31.02	Peak

MODE	TX channel 23095	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
4972.500	-63.87	12.82	-51.05	-13.00	-38.05	Peak
6877.500	-62.61	18.44	-44.17	-13.00	-31.17	Peak
8467.500	-63.73	19.54	-44.19	-13.00	-31.19	Peak



**BUREAU
VERITAS**

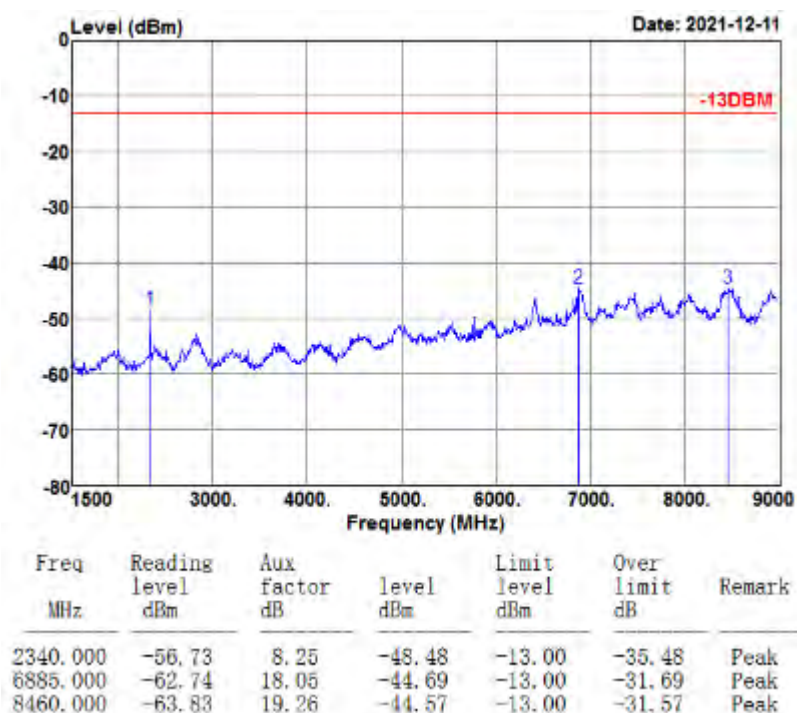
Test Report No.: W7L-P22090015-4RF06

CHANNEL BANDWIDTH: 3MHz / QPSK

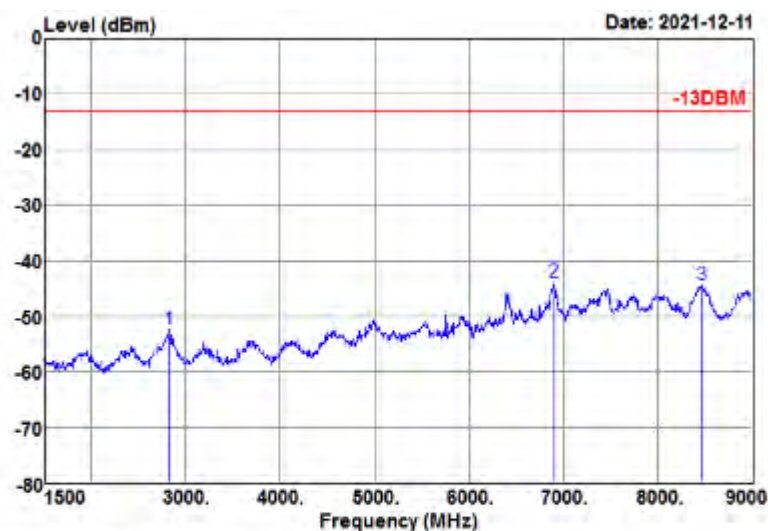
CH23095

07-20000

MODE	TX channel 23095	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			



MODE	TX channel 23095	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			

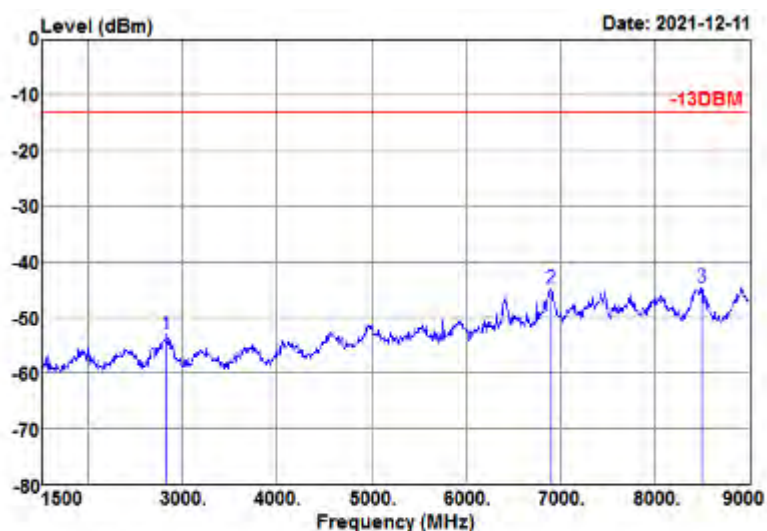


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2835.000	-60.52	8.03	-52.49	-13.00	-39.49	Peak
6900.000	-62.34	18.53	-43.81	-13.00	-30.81	Peak
8467.500	-63.94	19.54	-44.40	-13.00	-31.40	Peak

CHANNEL BANDWIDTH: 5MHz / QPSK

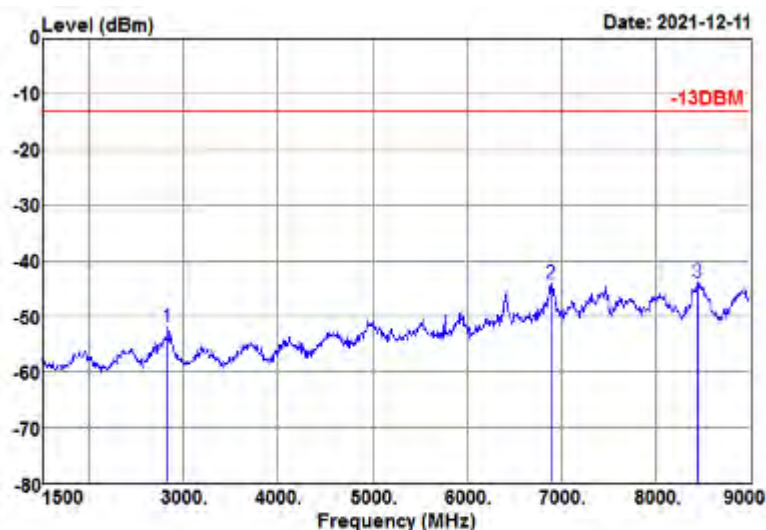
CH23035

MODE	TX channel 23035	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
2835.000	-60.86	7.70	-53.16	-13.00	-40.16	Peak
6907.500	-62.89	18.15	-44.74	-13.00	-31.74	Peak
8505.000	-63.96	19.28	-44.68	-13.00	-31.68	Peak

MODE	TX channel 23035	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
2835.000	-59.88	8.03	-51.85	-13.00	-38.85	Peak
6892.500	-62.64	18.50	-44.14	-13.00	-31.14	Peak
8445.000	-63.50	19.54	-43.96	-13.00	-30.96	Peak

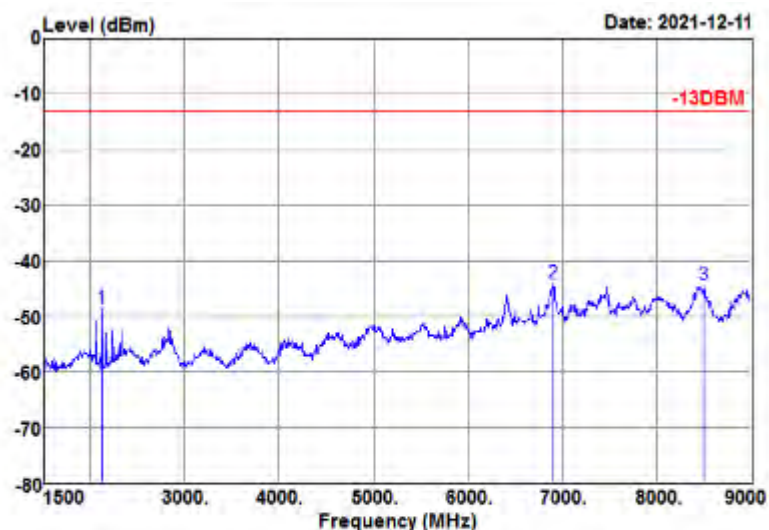


**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-4RF06

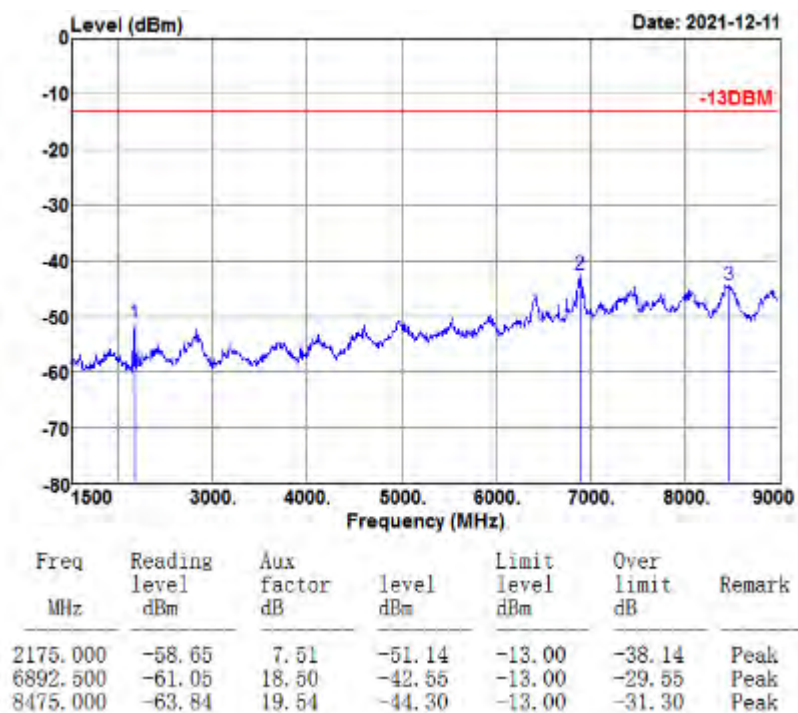
CH23095

MODE	TX channel 23095	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
2130.000	-56.42	7.80	-48.62	-13.00	-35.62	Peak
6900.000	-62.17	18.11	-44.06	-13.00	-31.06	Peak
8505.000	-63.72	19.28	-44.44	-13.00	-31.44	Peak

MODE	TX channel 23095	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			





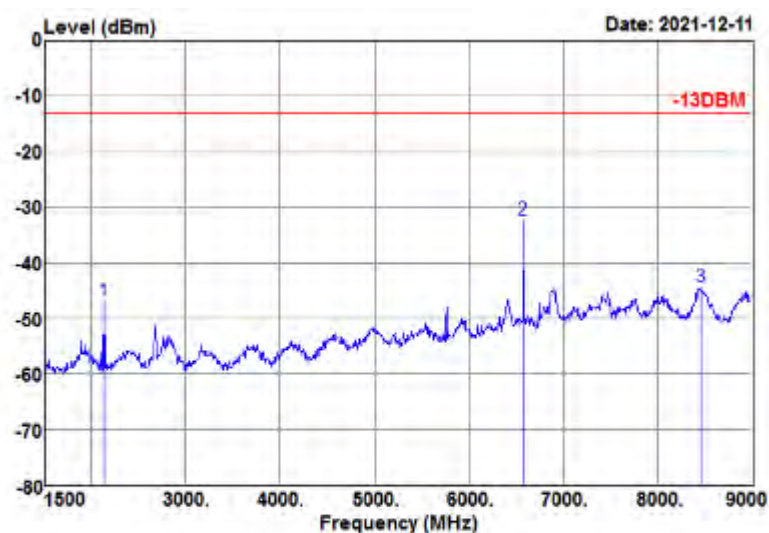
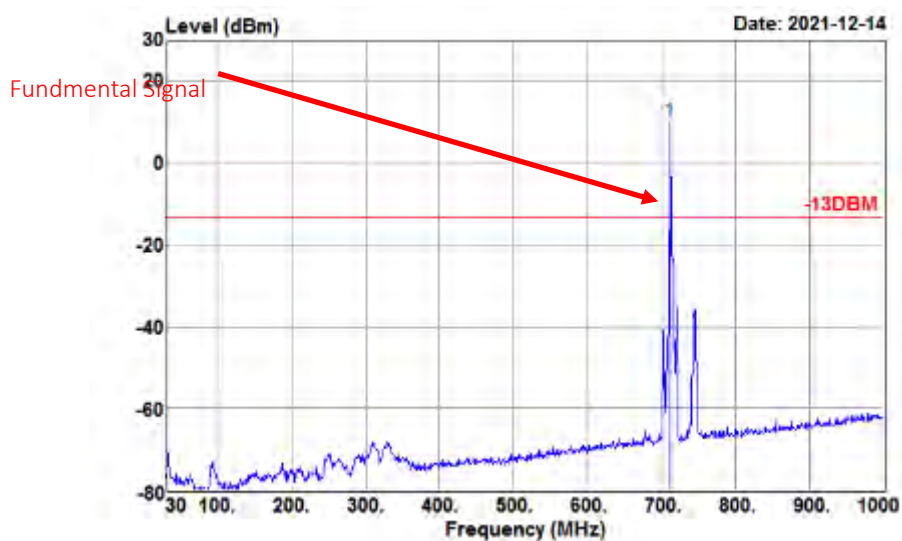
**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-4RF06

CH23155

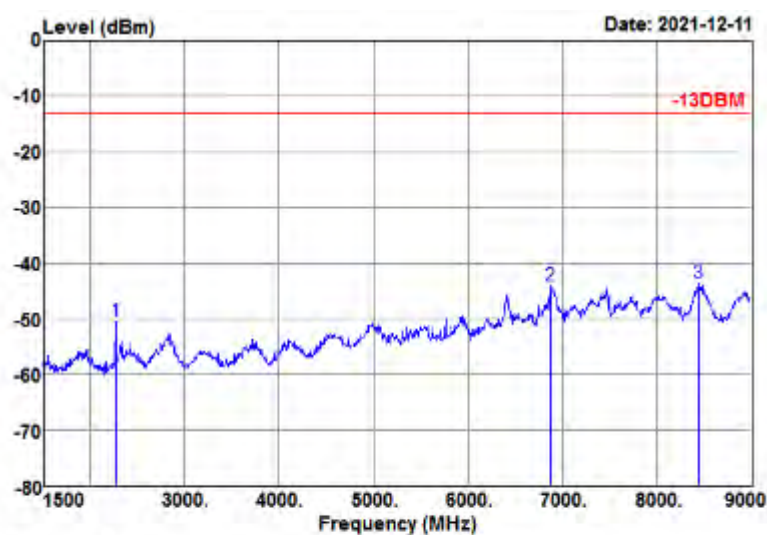
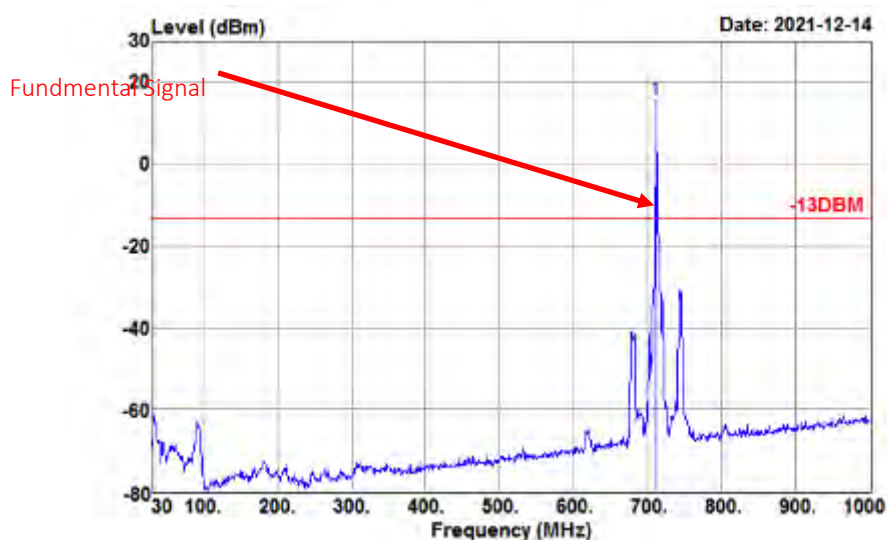
CH20100

MODE	TX channel 23155	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
2137.500	-54.82	7.82	-47.00	-13.00	-34.00	Peak
6577.500	-48.95	16.74	-32.21	-13.00	-19.21	Peak
8460.000	-63.61	19.26	-44.35	-13.00	-31.35	Peak

MODE	TX channel 23155	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			



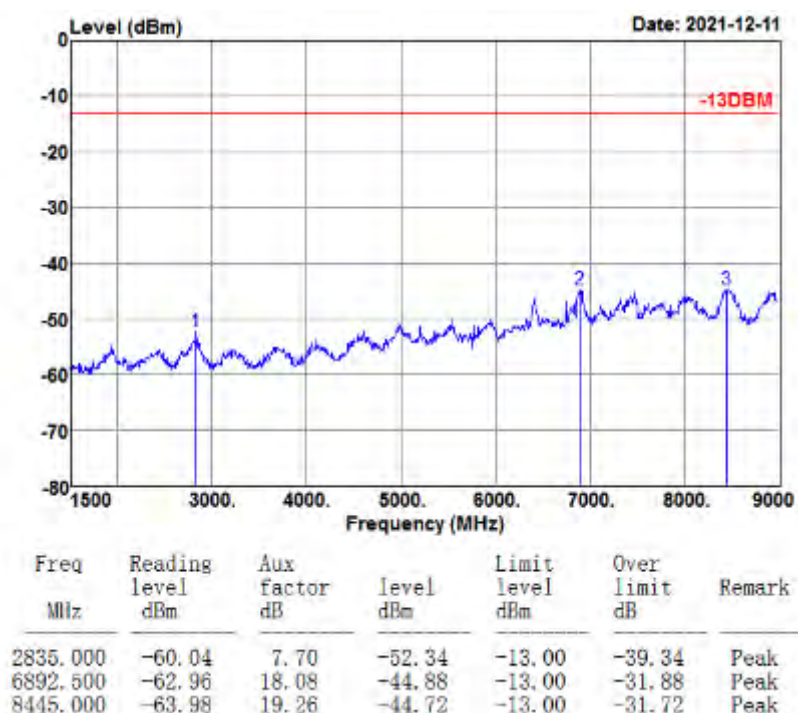
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2272.500	-58.24	7.81	-50.43	-13.00	-37.43	Peak
6877.500	-62.61	18.44	-44.17	-13.00	-31.17	Peak
8445.000	-63.28	19.54	-43.74	-13.00	-30.74	Peak



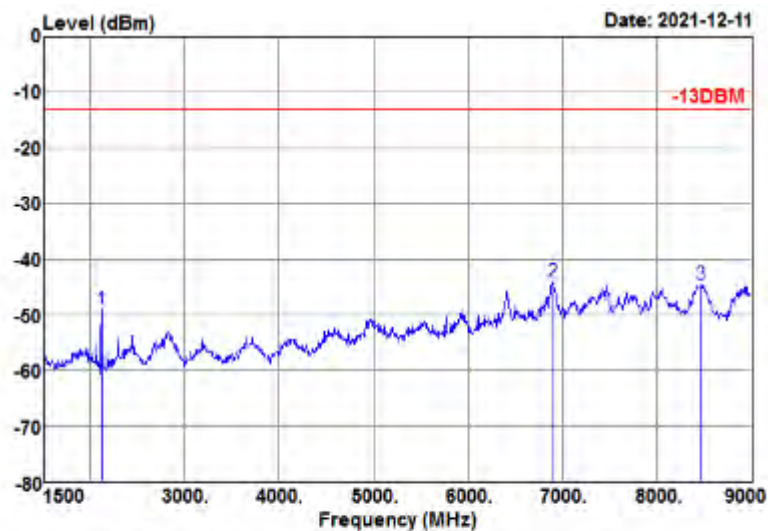
Test Report No.: W7L-P22090015-4RF06

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 23095	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			



MODE	TX channel 23095	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			



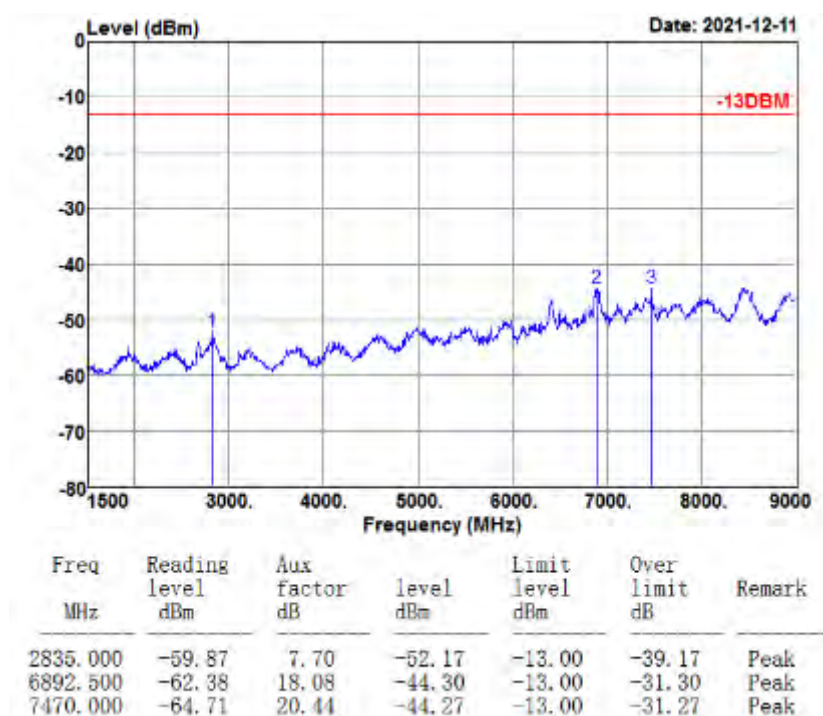
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2122.500	-56.35	7.36	-48.99	-13.00	-35.99	Peak
6900.000	-62.71	18.53	-44.18	-13.00	-31.18	Peak
8475.000	-64.22	19.54	-44.68	-13.00	-31.68	Peak

LTE B13

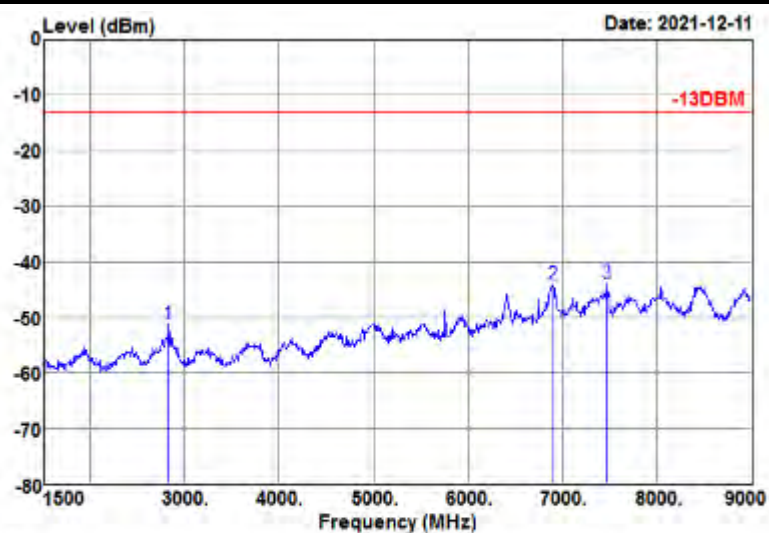
CHANNEL BANDWIDTH: 5MHz / QPSK

CH23205

MODE	TX channel 23205	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			



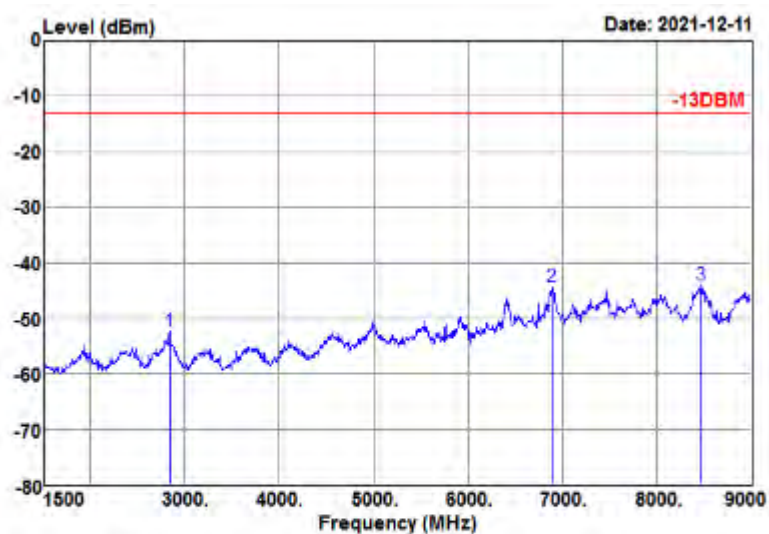
MODE	TX channel 23205	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2835.000	-59.16	8.03	-51.13	-13.00	-38.13	Peak
6900.000	-62.57	18.53	-44.04	-13.00	-31.04	Peak
7470.000	-64.85	20.99	-43.86	-13.00	-30.86	Peak

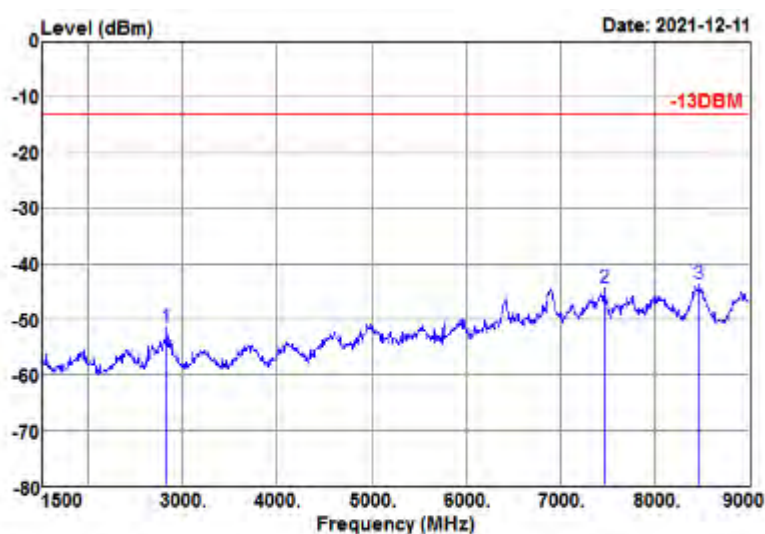
CH23230

MODE	TX channel 23230	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
2842.500	-60.05	7.66	-52.39	-13.00	-39.39	Peak
6892.500	-62.40	18.08	-44.32	-13.00	-31.32	Peak
8467.500	-63.34	19.26	-44.08	-13.00	-31.08	Peak

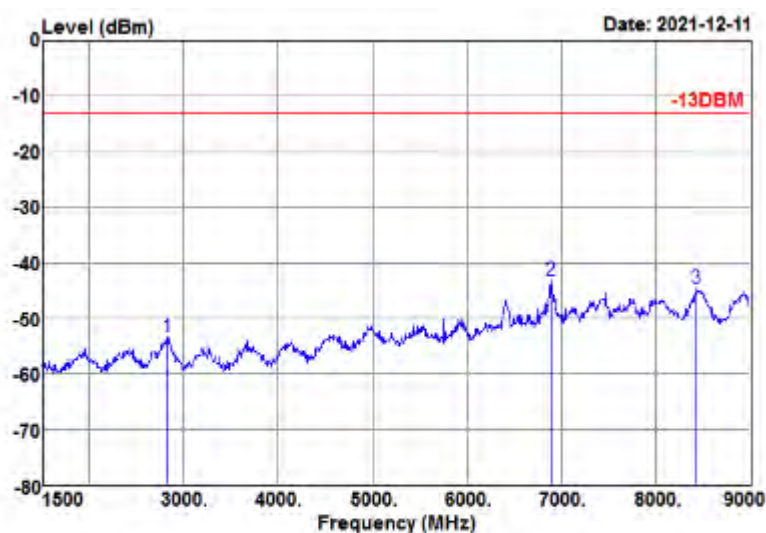
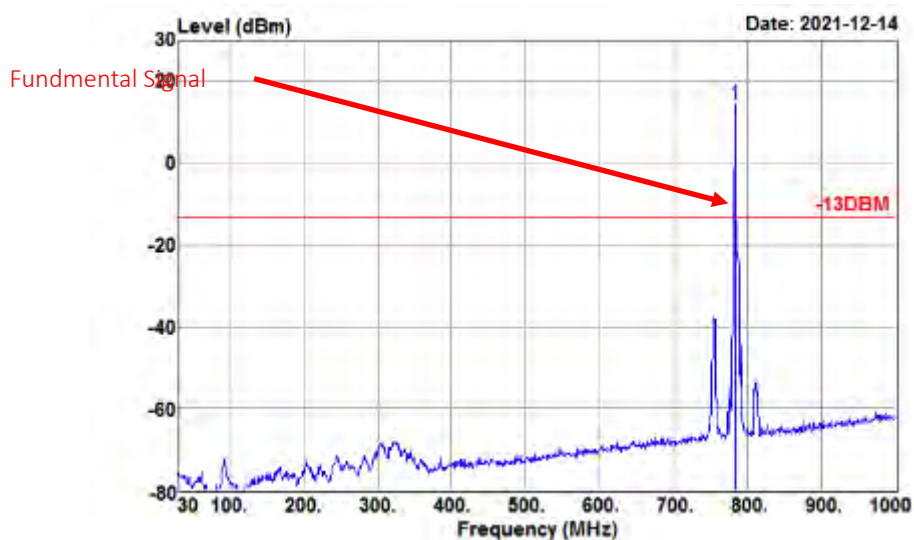
MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2835.000	-59.53	8.03	-51.50	-13.00	-38.50	Peak
7470.000	-65.26	20.99	-44.27	-13.00	-31.27	Peak
8475.000	-63.21	19.54	-43.67	-13.00	-30.67	Peak

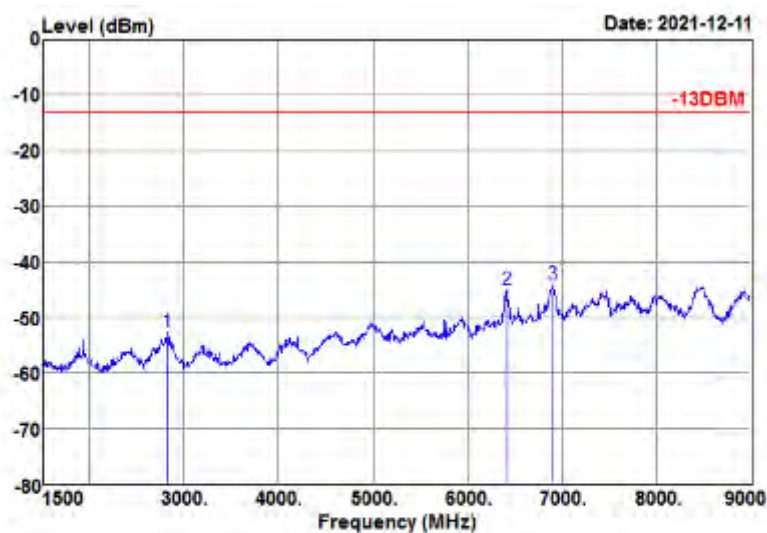
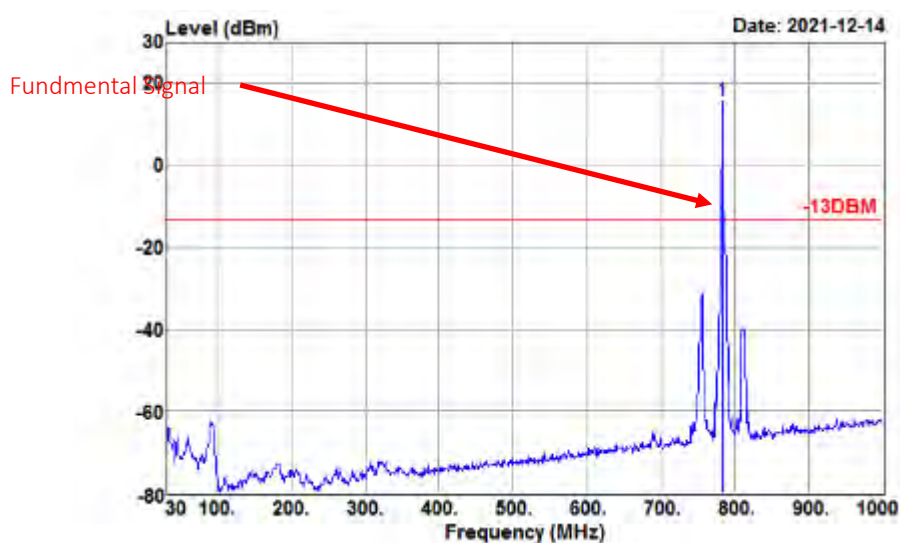
CH23255

MODE	TX channel 23255	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
2835.000	-61.05	7.70	-53.35	-13.00	-40.35	Peak
6892.500	-61.15	18.08	-43.07	-13.00	-30.07	Peak
8437.500	-63.82	19.26	-44.56	-13.00	-31.56	Peak

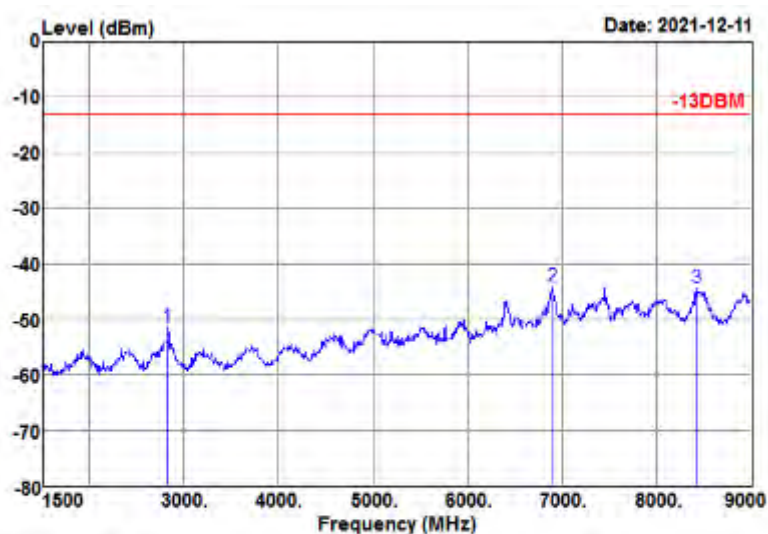
MODE	TX channel 23255	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2835.000	-60.70	8.03	-52.67	-13.00	-39.67	Peak
6420.000	-61.48	16.50	-44.98	-13.00	-31.98	Peak
6907.500	-62.80	18.57	-44.23	-13.00	-31.23	Peak

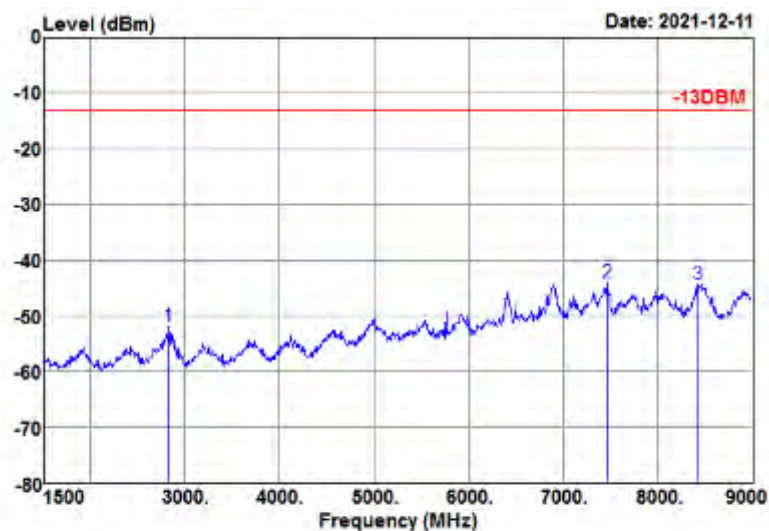
CHANNEL BANDWIDTH: 10MHz /QPSK

MODE	TX channel 23230	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
2835.000	-59.15	7.70	-51.45	-13.00	-38.45	Peak
6900.000	-62.25	18.11	-44.14	-13.00	-31.14	Peak
8430.000	-63.69	19.25	-44.44	-13.00	-31.44	Peak

MODE	TX channel 23230	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
2835.000	-59.84	8.03	-51.81	-13.00	-38.81	Peak
7470.000	-65.22	20.99	-44.23	-13.00	-31.23	Peak
8430.000	-63.84	19.53	-44.31	-13.00	-31.31	Peak



Test Report No.: W7L-P22090015-4RF06

LTE B17

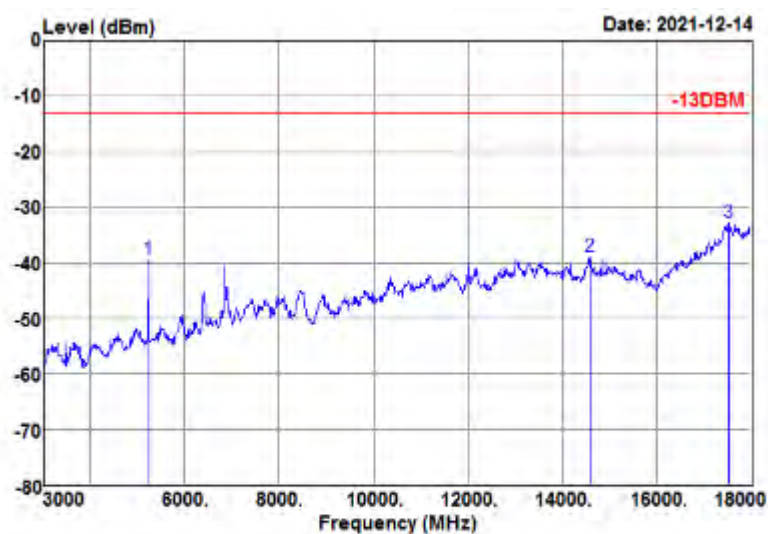
NOTE:

The data of LTE17 is contained in LTE12, and the data only reflects the segments of LTE 12.

LTE B66

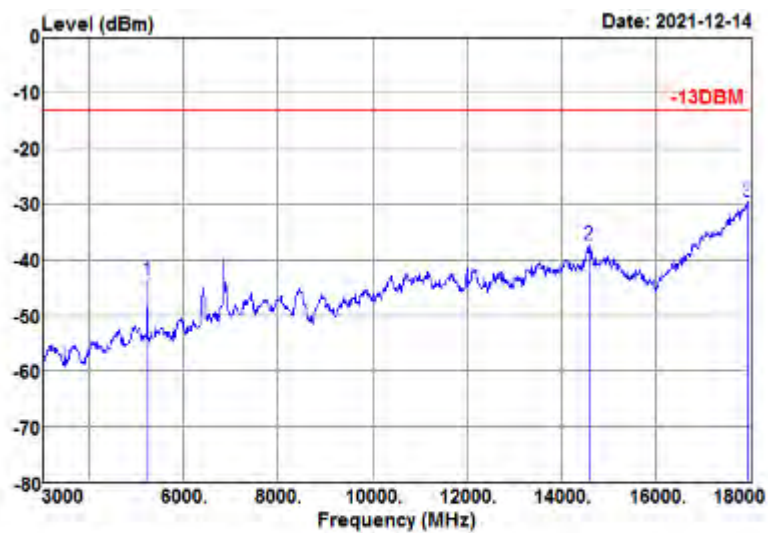
CHANNEL BANDWIDTH: 1.4MHz / QPSK

MODE	TX channel 132322	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
5235.000	-52.12	12.67	-39.45	-13.00	-26.45	Peak
14595.000	-65.52	26.53	-38.99	-13.00	-25.99	Peak
17520.000	-68.50	35.79	-32.71	-13.00	-19.71	Peak

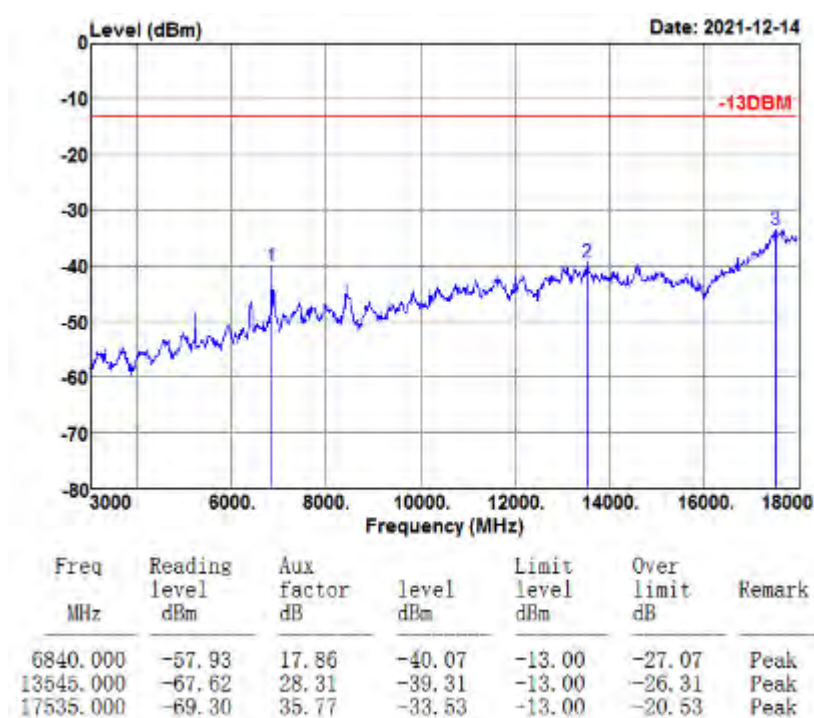
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



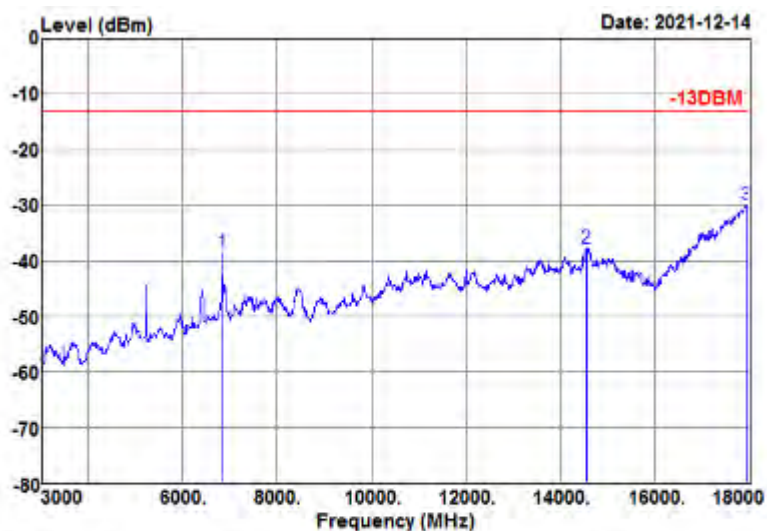
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
5235.000	-56.56	12.90	-43.66	-13.00	-30.66	Peak
14595.000	-65.58	28.28	-37.30	-13.00	-24.30	Peak
17940.000	-69.35	39.91	-29.44	-13.00	-16.44	Peak

CHANNEL BANDWIDTH: 3MHz / QPSK

MODE	TX channel 132322	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			



MODE	TX channel 132322	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			

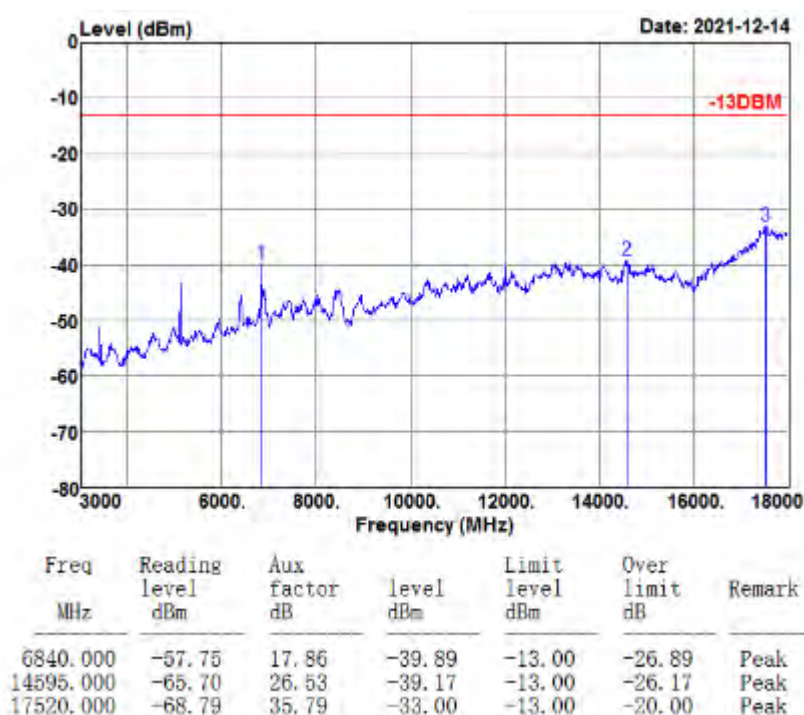


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-56.56	18.20	-38.36	-13.00	-25.36	Peak
14565.000	-65.98	28.24	-37.74	-13.00	-24.74	Peak
17940.000	-69.79	39.91	-29.88	-13.00	-16.88	Peak

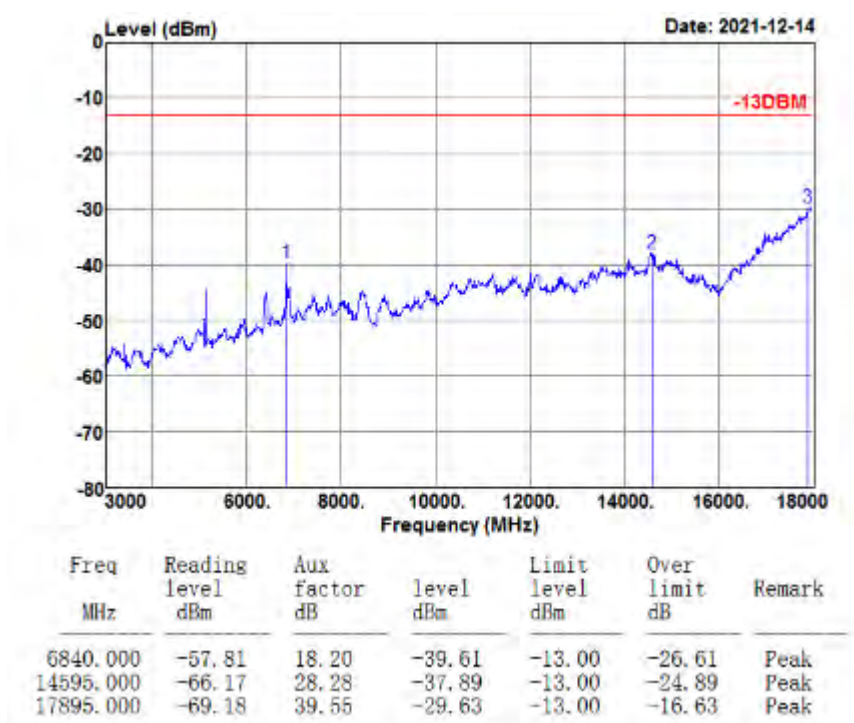
CHANNEL BANDWIDTH: 5MHz / QPSK

CH131997

MODE	TX channel 131997	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			

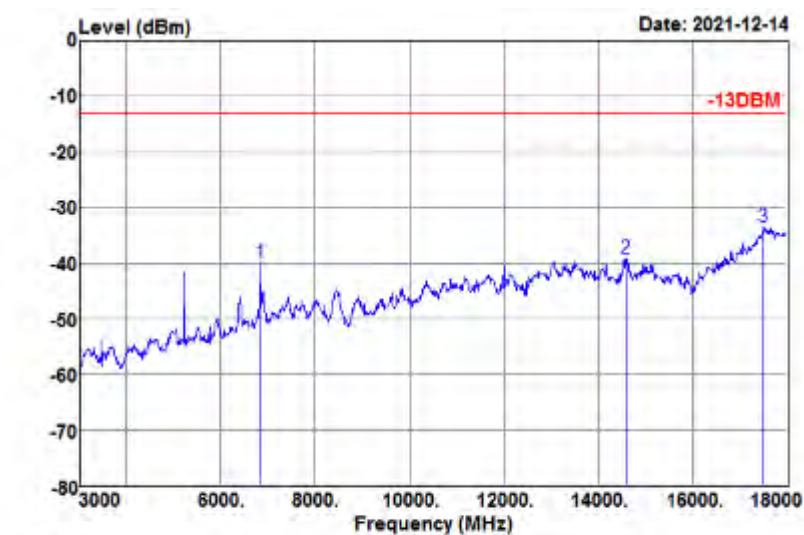
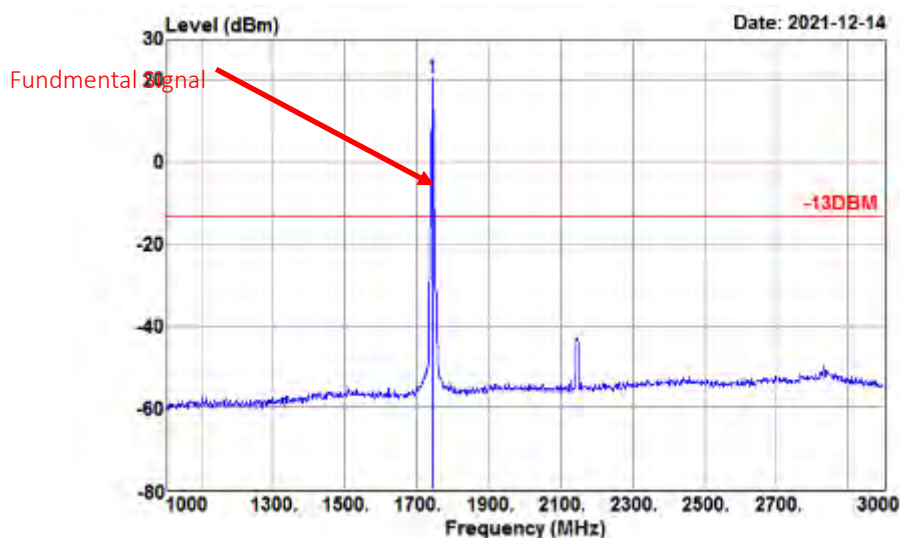


MODE	TX channel 131997	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



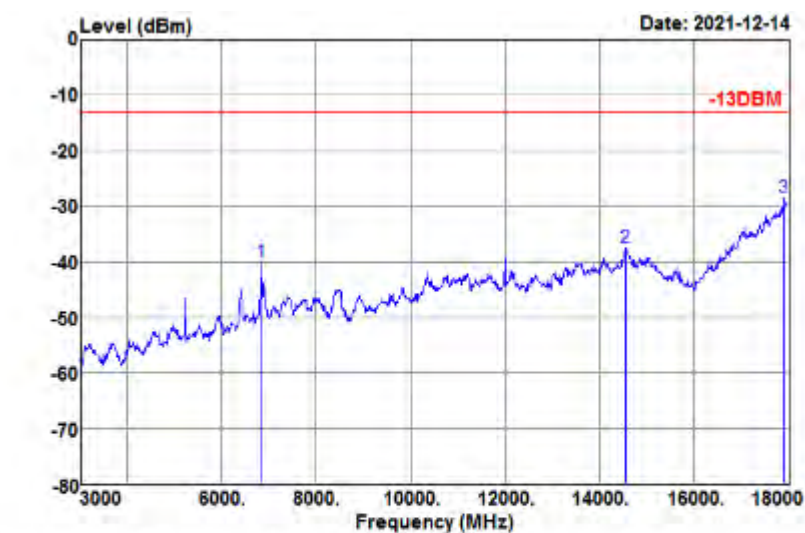
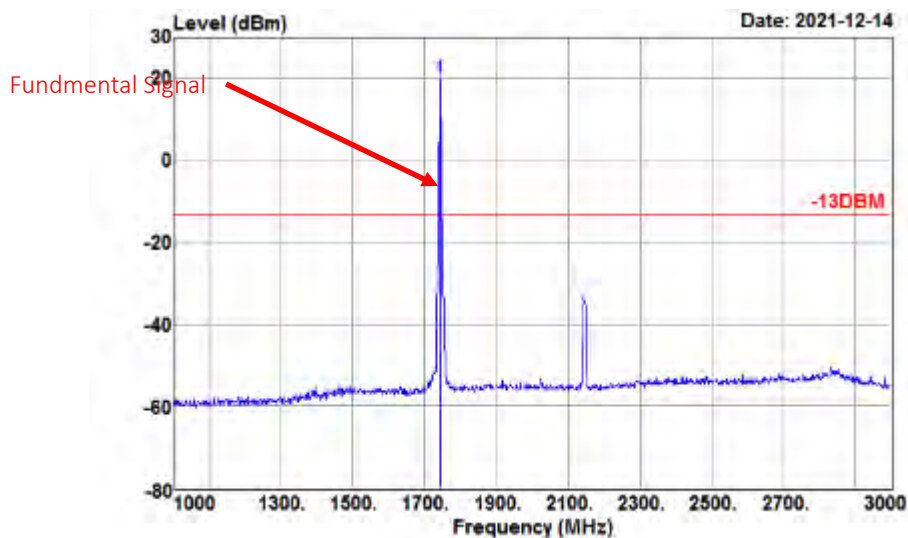
CH132322

MODE	TX channel 132322	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	-57.75	17.86	-39.89	-13.00	-26.89	Peak
14580.000	-65.58	26.50	-39.08	-13.00	-26.08	Peak
17505.000	-69.24	35.81	-33.43	-13.00	-20.43	Peak

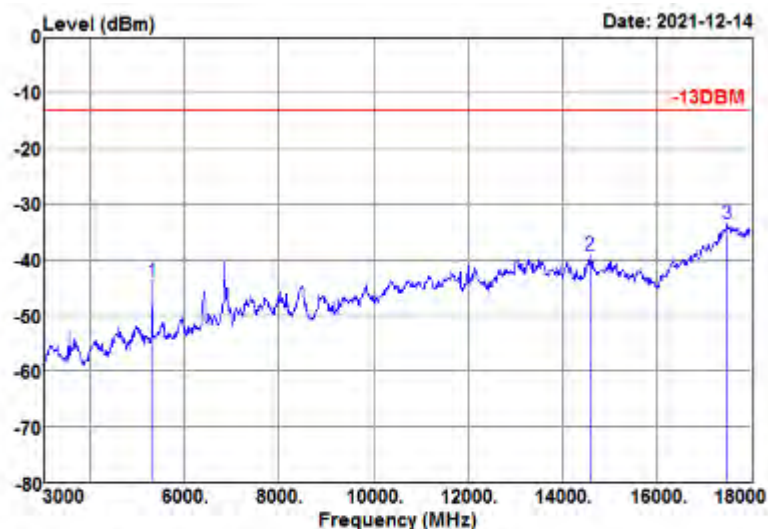
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-58.32	18.20	-40.12	-13.00	-27.12	Peak
14565.000	-65.85	28.24	-37.61	-13.00	-24.61	Peak
17925.000	-68.34	39.79	-28.55	-13.00	-15.55	Peak

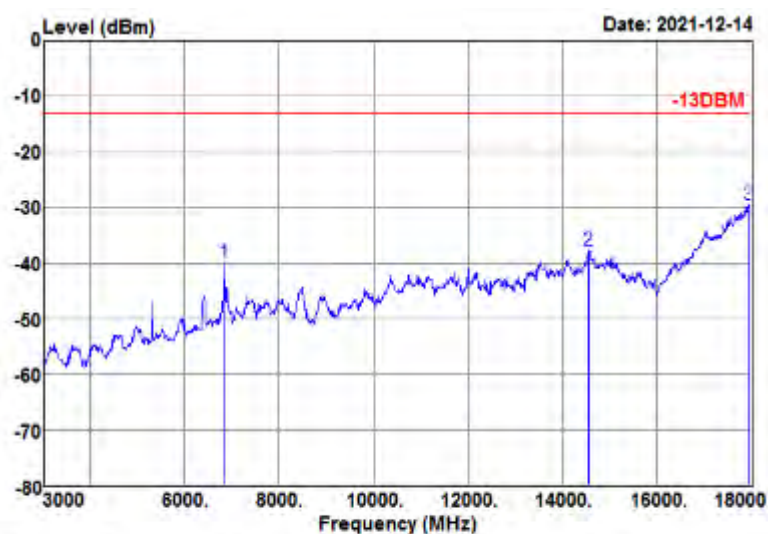
CH132647

MODE	TX channel 132647	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
5325.000	-56.74	12.76	-43.98	-13.00	-30.98	Peak
14595.000	-65.79	26.53	-39.26	-13.00	-26.26	Peak
17490.000	-69.26	35.73	-33.53	-13.00	-20.53	Peak

MODE	TX channel 132647	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			

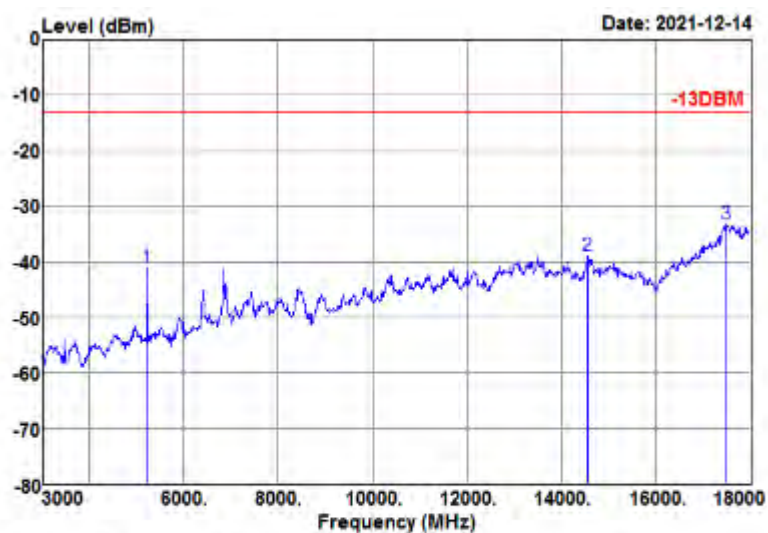


Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-58.17	18.20	-39.97	-13.00	-26.97	Peak
14565.000	-65.89	28.24	-37.65	-13.00	-24.65	Peak
17955.000	-69.47	40.04	-29.43	-13.00	-16.43	Peak

CHANNEL BANDWIDTH: 10MHz / QPSK

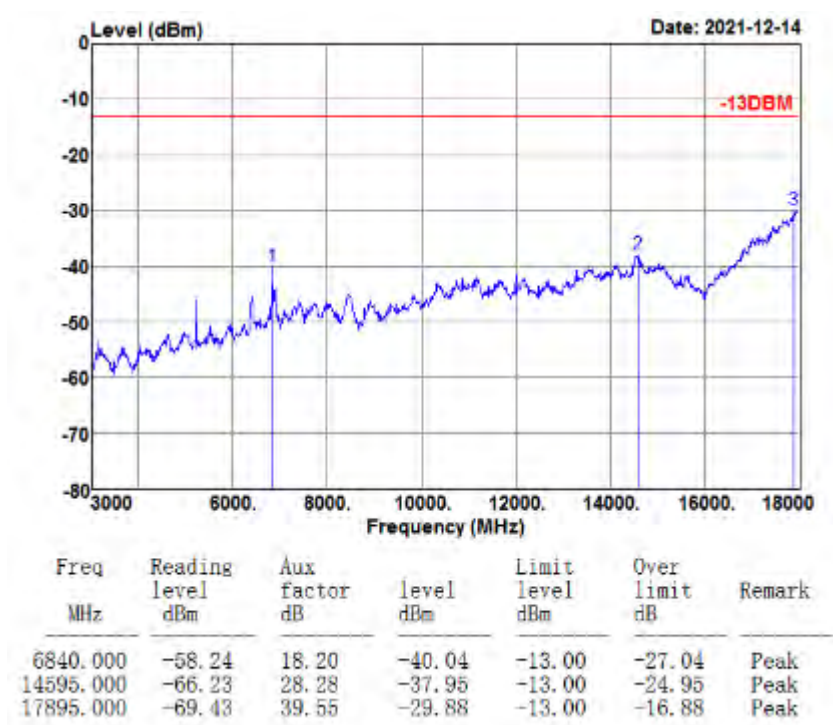
CH132322

MODE	TX channel 132322	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			



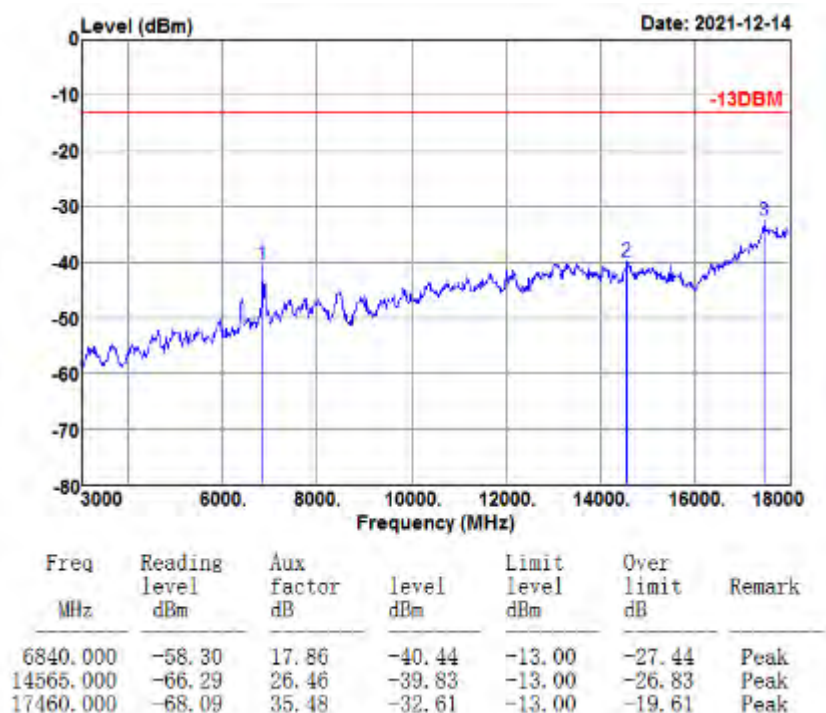
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
5220.000	-53.67	12.63	-41.04	-13.00	-28.04	Peak
14565.000	-65.46	26.46	-39.00	-13.00	-26.00	Peak
17505.000	-69.12	35.81	-33.31	-13.00	-20.31	Peak

MODE	TX channel 132322	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			

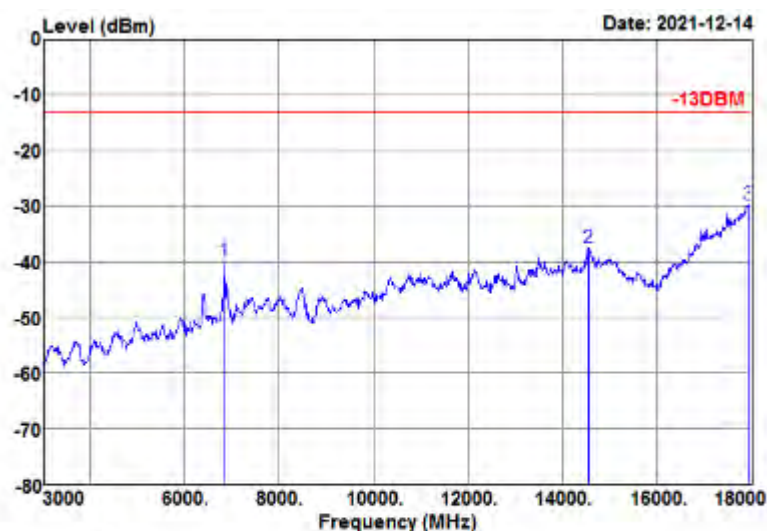


CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 132322	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			



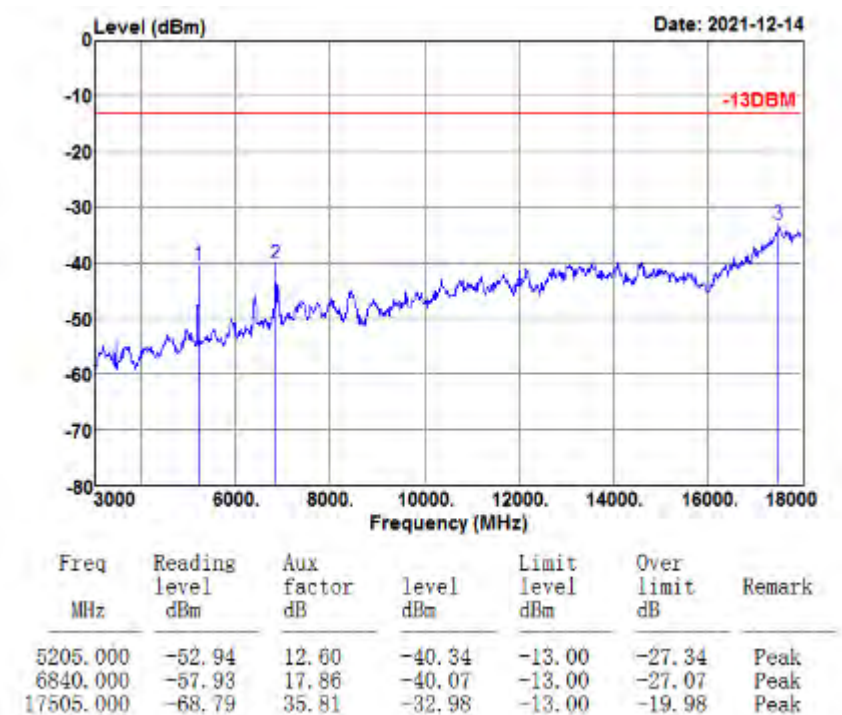
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



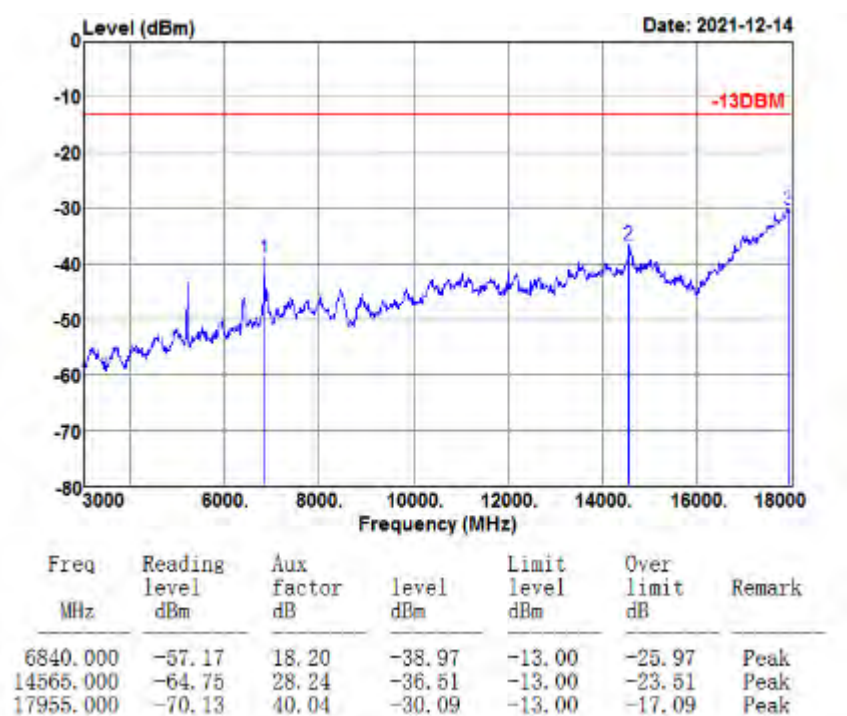
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
6840.000	-58.11	18.20	-39.91	-13.00	-26.91	Peak
14565.000	-65.72	28.24	-37.48	-13.00	-24.48	Peak
17940.000	-69.52	39.91	-29.61	-13.00	-16.61	Peak

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 132322	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			



MODE	TX channel 132322	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			



Simultaneous transmissions RSE worst case as below:

BELOW 1GHz WORST-CASE DATA

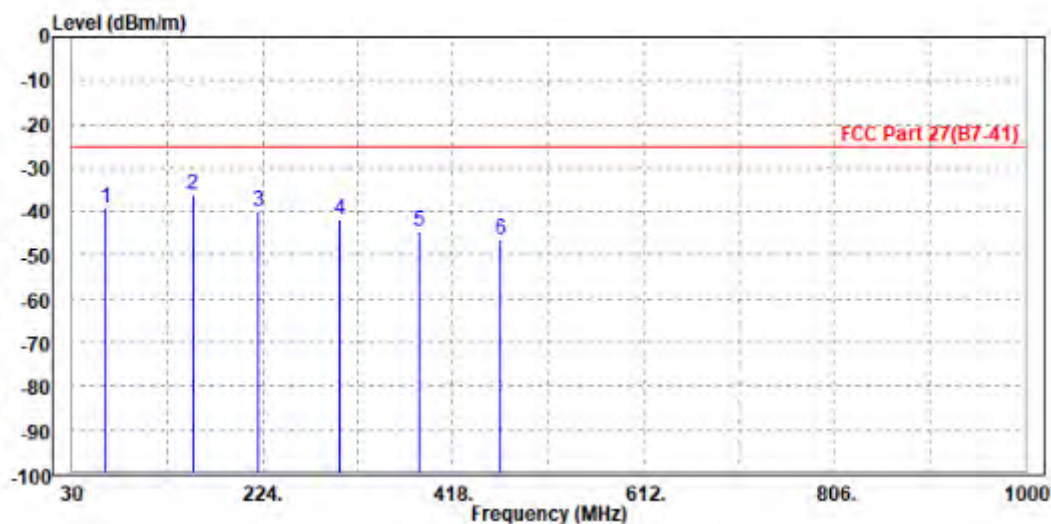
30 MHz – 1GHz data:

LTE Band 7

CHANNEL BANDWIDTH: LTE B7 10MHz / QPSK +BT 2.0 TX_8DPSK_Ch 39:

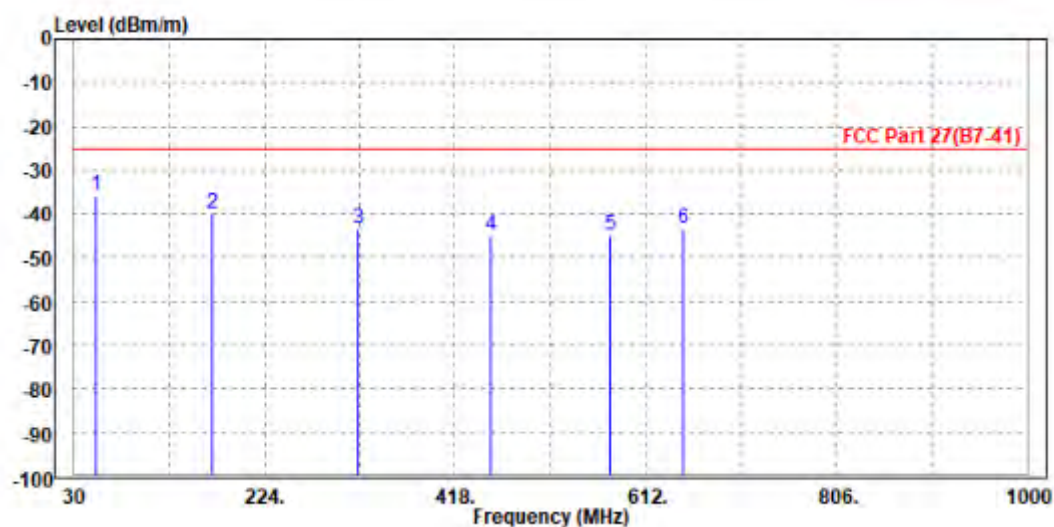
MODE	TX channel 21100	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	64.920	-39.20	-46.85	-25.00	-14.20	7.65	Peak	Horizontal
2 PP	153.190	-35.98	-45.99	-25.00	-10.98	10.01	Peak	Horizontal
3	219.150	-40.06	-51.90	-25.00	-15.06	11.84	Peak	Horizontal
4	302.570	-41.92	-55.99	-25.00	-16.92	14.07	Peak	Horizontal
5	383.080	-44.38	-60.79	-25.00	-19.38	16.41	Peak	Horizontal
6	465.530	-46.54	-64.62	-25.00	-21.54	18.08	Peak	Horizontal



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

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	52.310	-35.86	-44.61	-25.00	-10.86	8.75	Peak	Vertical
2		170.650	-40.04	-50.90	-25.00	-15.04	10.86	Peak	Vertical
3		320.030	-43.31	-58.75	-25.00	-18.31	15.44	Peak	Vertical
4		454.860	-44.91	-63.15	-25.00	-19.91	18.24	Peak	Vertical
5		575.140	-44.81	-65.26	-25.00	-19.81	20.45	Peak	Vertical
6		649.830	-43.37	-64.97	-25.00	-18.37	21.60	Peak	Vertical



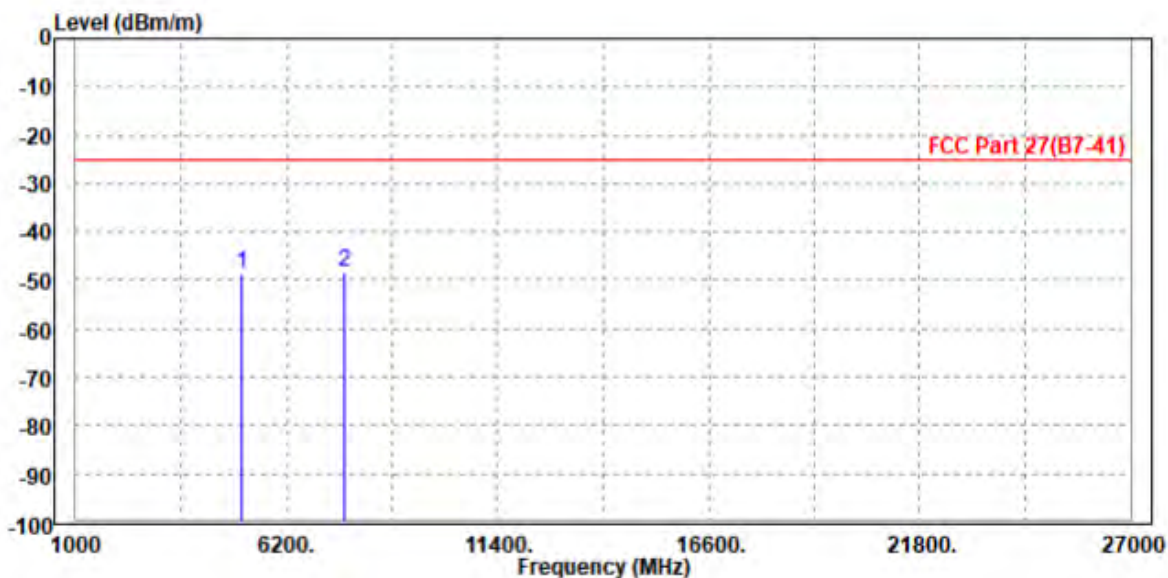


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CHANNEL BANDWIDTH: LTE B7 10MHz / QPSK +BT 2.0 TX_8DPSK_Ch 39:

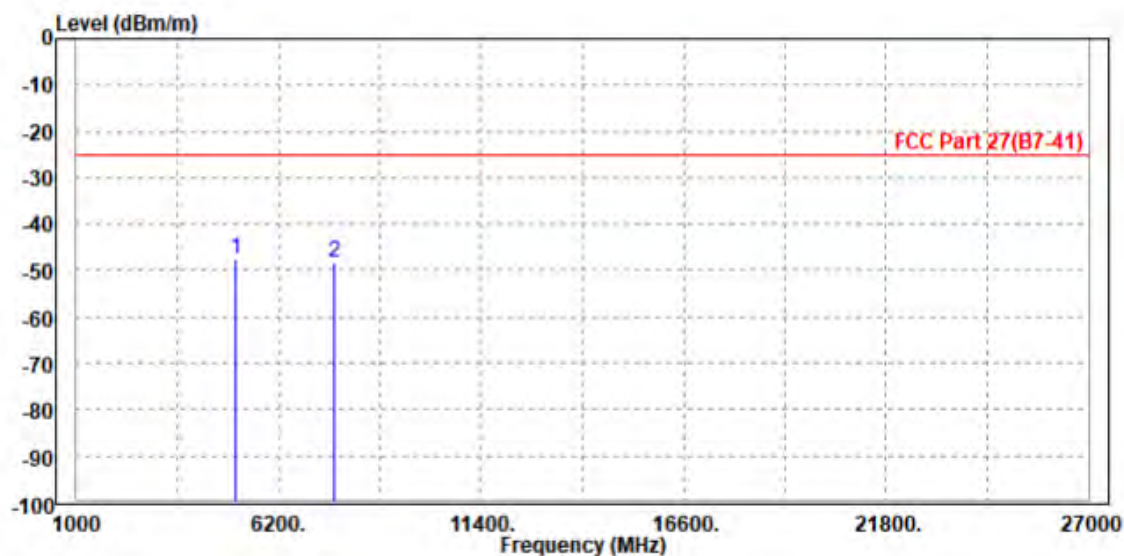
MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-48.59	-57.36	-25.00	-23.59	8.77	Peak	Horizontal
2 PP	7605.000	-48.34	-59.74	-25.00	-23.34	11.40	Peak	Horizontal



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			

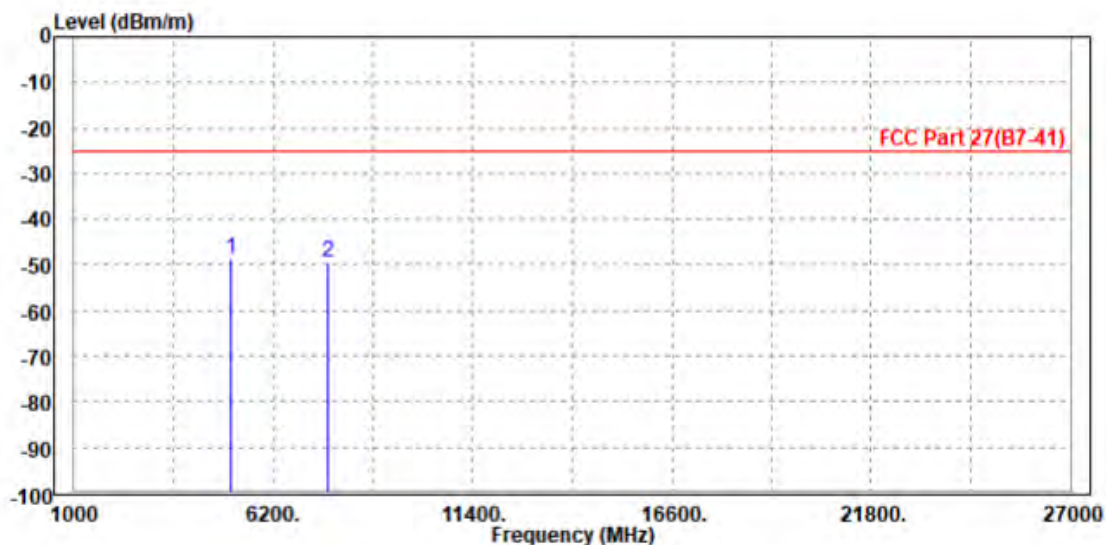
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-47.67	-57.54	-25.00	-22.67	9.87	Peak	Vertical
2	7605.000	-48.33	-61.11	-25.00	-23.33	12.78	Peak	Vertical



CHANNEL BANDWIDTH: LTE B7 10MHz / QPSK +WIFI 2.4G_11n40_TX_CH9:

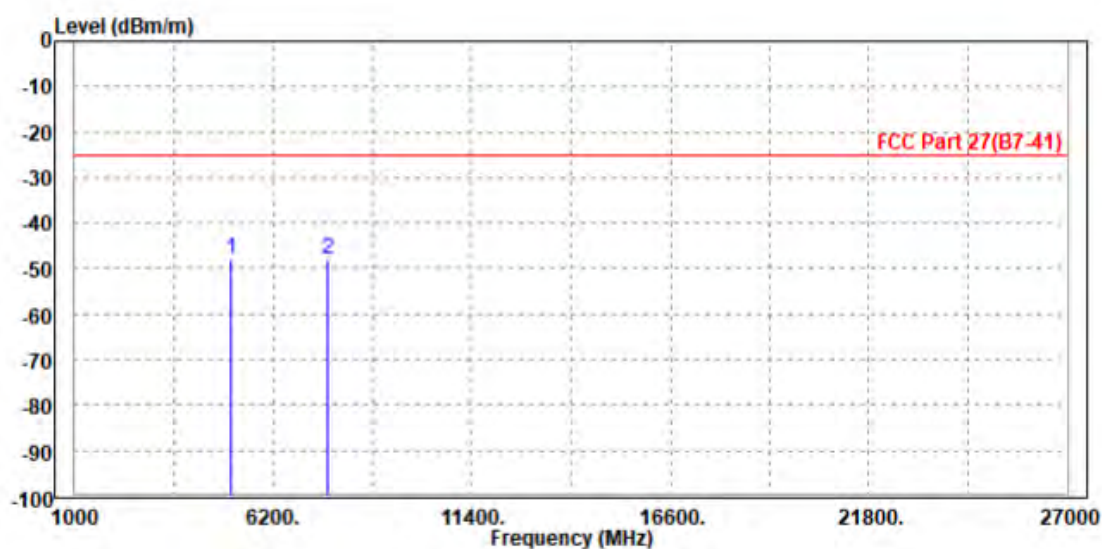
MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-48.52	-57.29	-25.00	-23.52	8.77	Peak	Horizontal
2	7605.000	-49.27	-60.67	-25.00	-24.27	11.40	Peak	Horizontal



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			

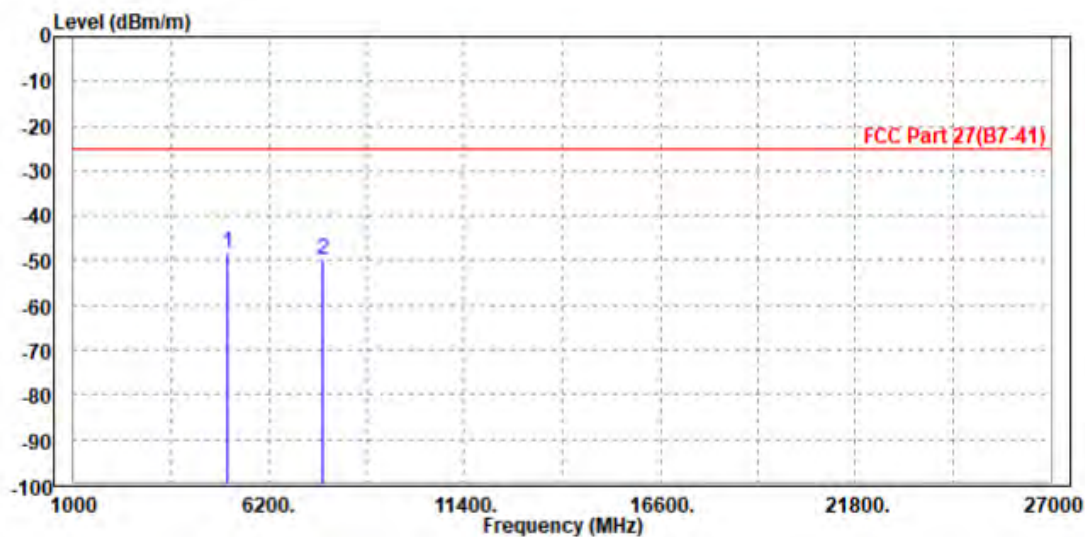
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-47.92	-57.79	-25.00	-22.92	9.87	Peak	Vertical
2	7605.000	-48.10	-60.88	-25.00	-23.10	12.78	Peak	Vertical



CHANNEL BANDWIDTH LTE: B7 10MHz / QPSK +WIFI 5G_11n40_TX_CH102:

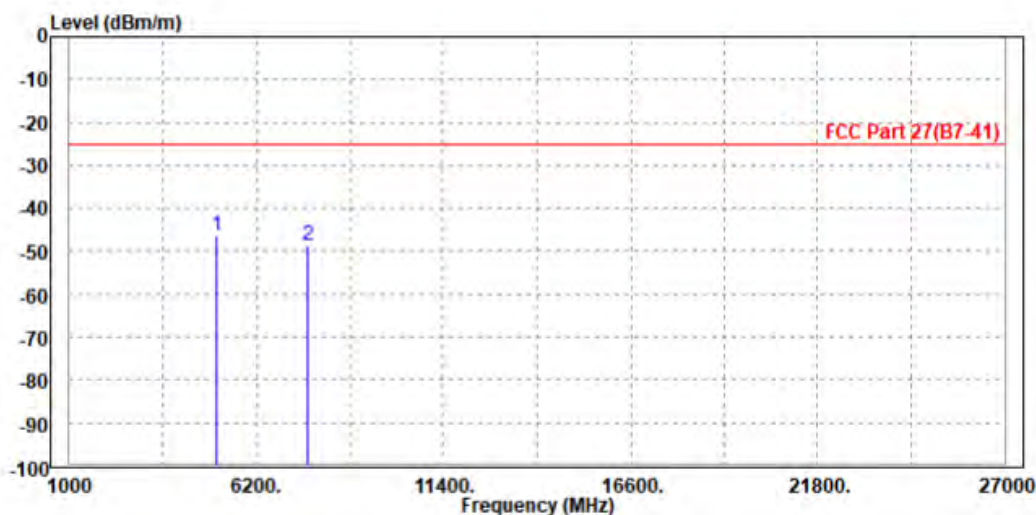
MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-48.40	-57.17	-25.00	-23.40	8.77	Peak	Horizontal
2	7605.000	-49.99	-61.39	-25.00	-24.99	11.40	Peak	Horizontal



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	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	5082.000	-46.27	-56.14	-25.00	-21.27	9.87	Peak	Vertical
2	7605.000	-48.51	-61.29	-25.00	-23.51	12.78	Peak	Vertical

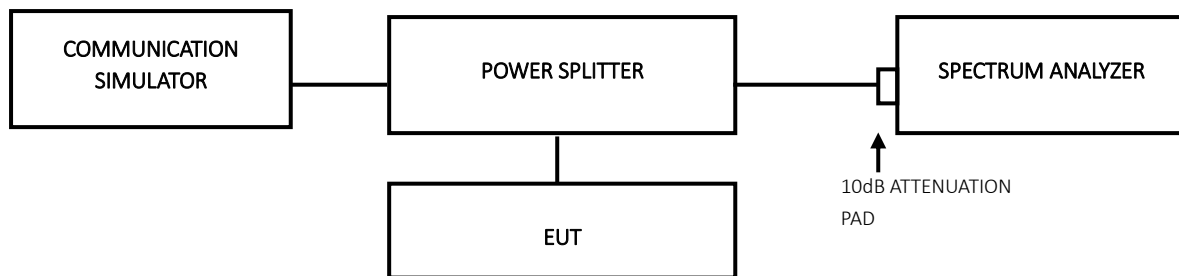


3.7 PEAK TO AVERAGE RATIO

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@cn.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.



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

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

6 Appendix

WCDMA BAND 4

FREQUENCY STABILITY 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	-3.59	-0.00	-2.5 to 2.5	Pass
			3.85	-5.60	-0.00	-2.5 to 2.5	Pass
			4.43	5.77	0.00	-2.5 to 2.5	Pass
		-30	3.85	4.27	0.00	-2.5 to 2.5	Pass
		-20	3.85	4.22	0.00	-2.5 to 2.5	Pass
		-10	3.85	3.98	0.00	-2.5 to 2.5	Pass
		0	3.85	4.79	0.00	-2.5 to 2.5	Pass
		10	3.85	0.99	0.00	-2.5 to 2.5	Pass
		30	3.85	1.30	0.00	-2.5 to 2.5	Pass
		40	3.85	1.83	0.00	-2.5 to 2.5	Pass
		50	3.85	-3.77	-0.00	-2.5 to 2.5	Pass
	1732.6	20	3.27	0.44	0.00	-2.5 to 2.5	Pass
			3.85	4.54	0.00	-2.5 to 2.5	Pass
			4.43	4.99	0.00	-2.5 to 2.5	Pass
		-30	3.85	3.38	0.00	-2.5 to 2.5	Pass
		-20	3.85	6.09	0.00	-2.5 to 2.5	Pass
		-10	3.85	2.20	0.00	-2.5 to 2.5	Pass
		0	3.85	0.81	0.00	-2.5 to 2.5	Pass
		10	3.85	-2.27	-0.00	-2.5 to 2.5	Pass
		30	3.85	-0.33	-0.00	-2.5 to 2.5	Pass
		40	3.85	1.66	0.00	-2.5 to 2.5	Pass
		50	3.85	3.05	0.00	-2.5 to 2.5	Pass
	1752.6	20	3.27	7.21	0.00	-2.5 to 2.5	Pass
			3.85	1.21	0.00	-2.5 to 2.5	Pass
			4.43	4.11	0.00	-2.5 to 2.5	Pass
		-30	3.85	1.34	0.00	-2.5 to 2.5	Pass
		-20	3.85	4.50	0.00	-2.5 to 2.5	Pass
		-10	3.85	-1.22	-0.00	-2.5 to 2.5	Pass
		0	3.85	-1.57	-0.00	-2.5 to 2.5	Pass
		10	3.85	-1.41	-0.00	-2.5 to 2.5	Pass
		30	3.85	-5.63	-0.00	-2.5 to 2.5	Pass
		40	3.85	-1.36	-0.00	-2.5 to 2.5	Pass
		50	3.85	0.84	0.00	-2.5 to 2.5	Pass

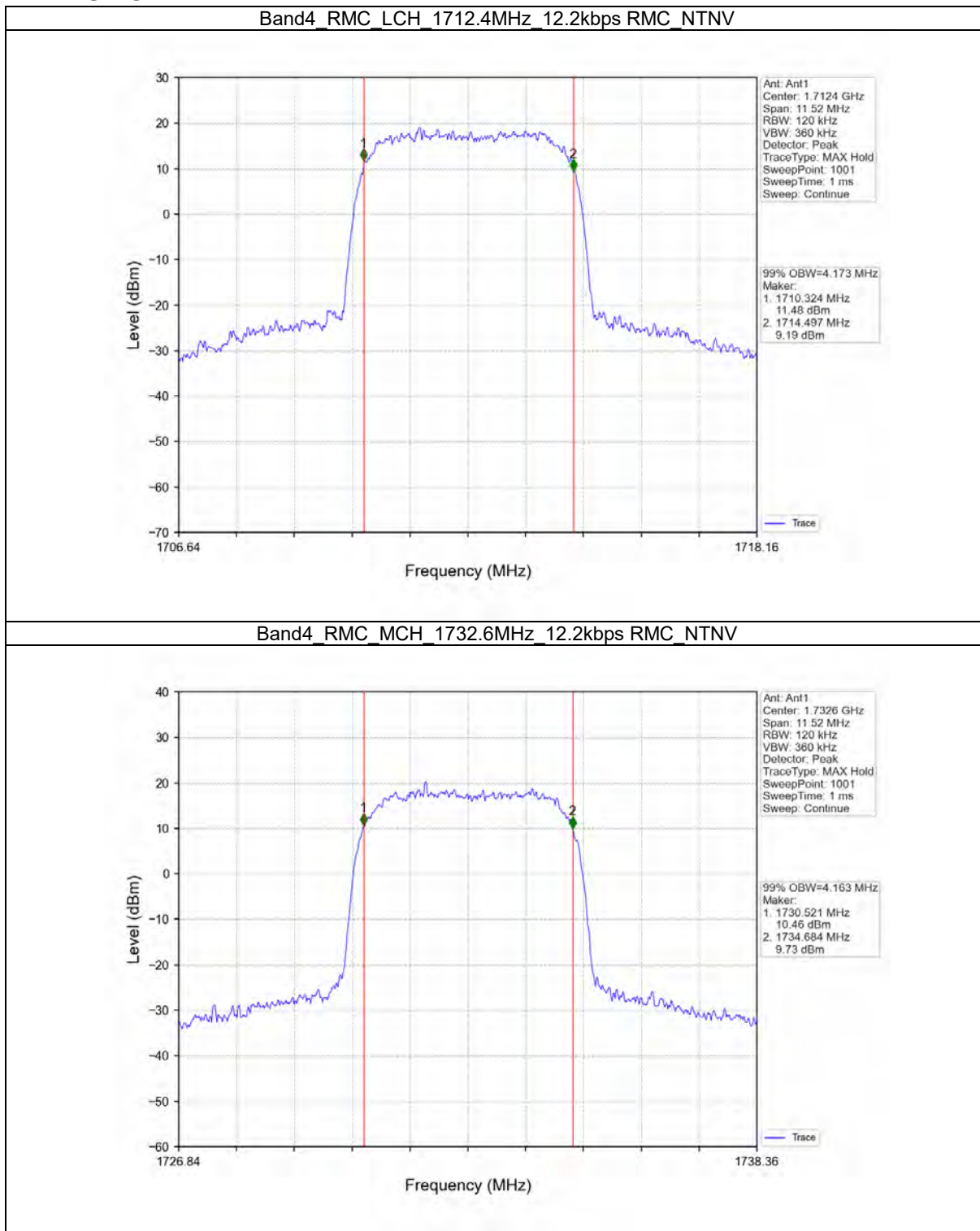


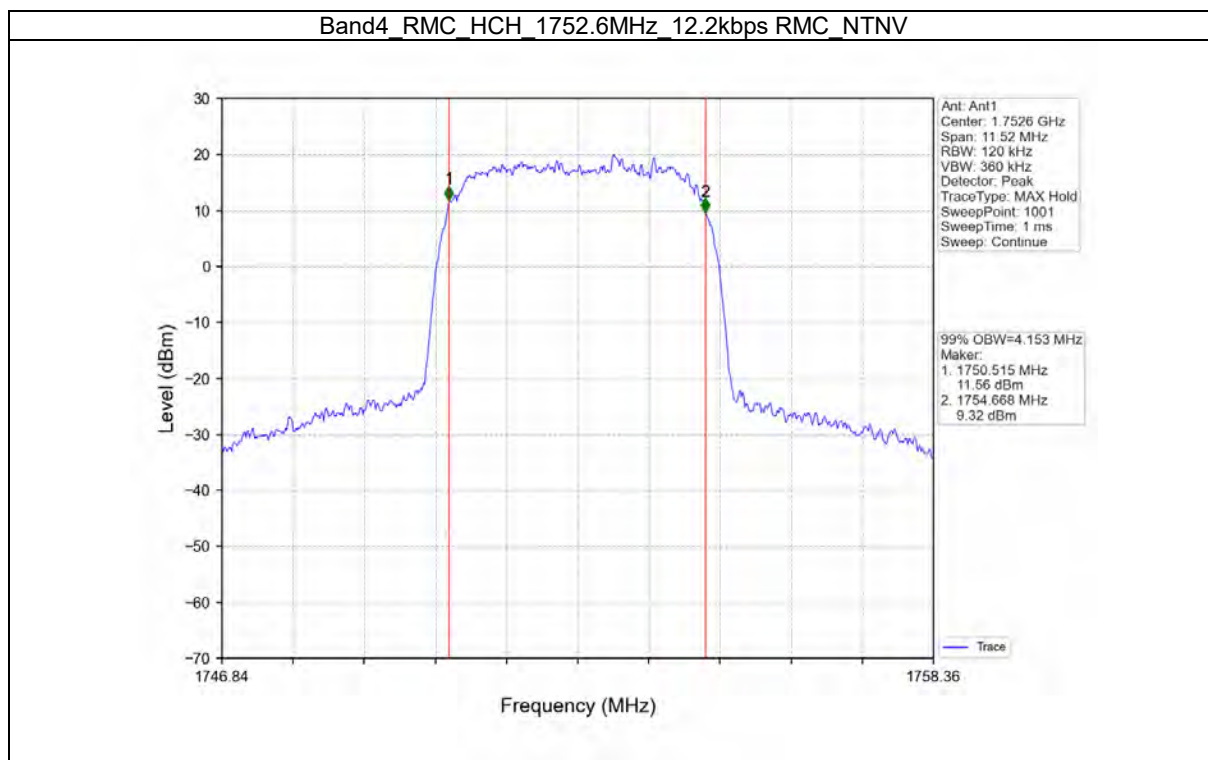
Test Report No.: W7L-P22090015-4RF06

99% & 26DB BANDWIDTH 99%_OBW TEST RESULT

Band: 4					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1712.4	4.173	Pass
			1732.6	4.163	Pass
			1752.6	4.153	Pass

TEST GRAPH





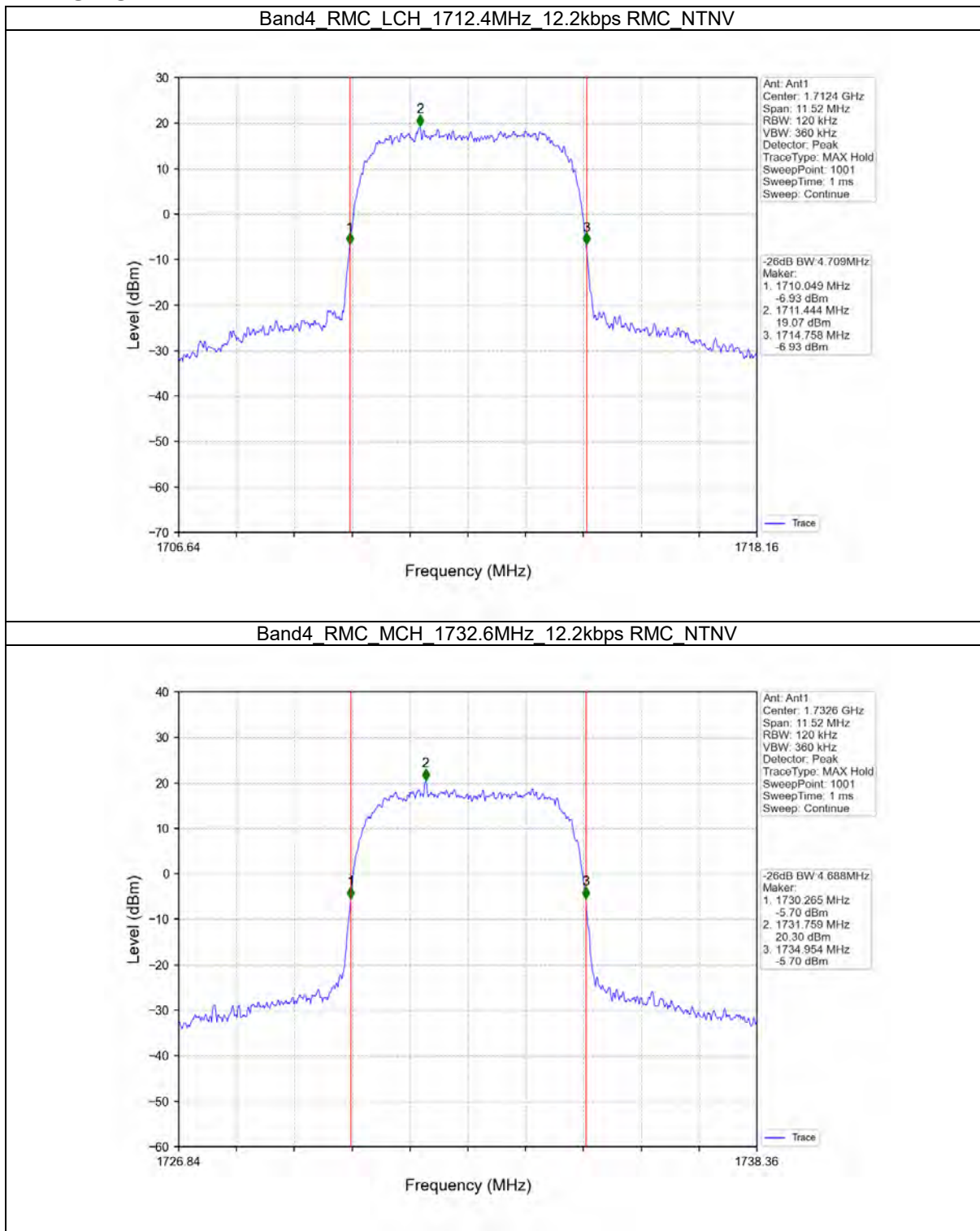


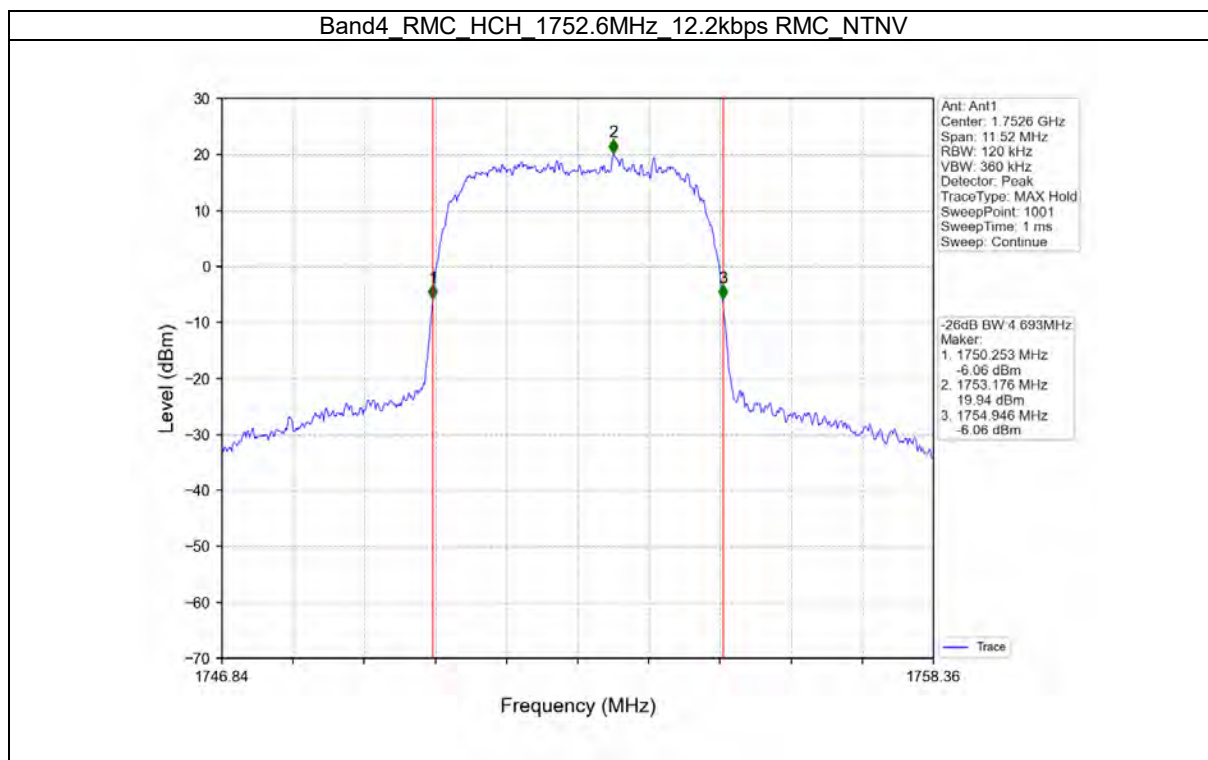
Test Report No.: W7L-P22090015-4RF06

BAND4_XDB TEST RESULT

Band: 4					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1712.4	4.709	Pass
			1732.6	4.688	Pass
			1752.6	4.693	Pass

TEST GRAPH





PEAK-AVERAGE RATIO TEST RESULT

Band: 4						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	2.64	<=13	Pass
			1732.6	2.83	<=13	Pass
			1752.6	2.76	<=13	Pass

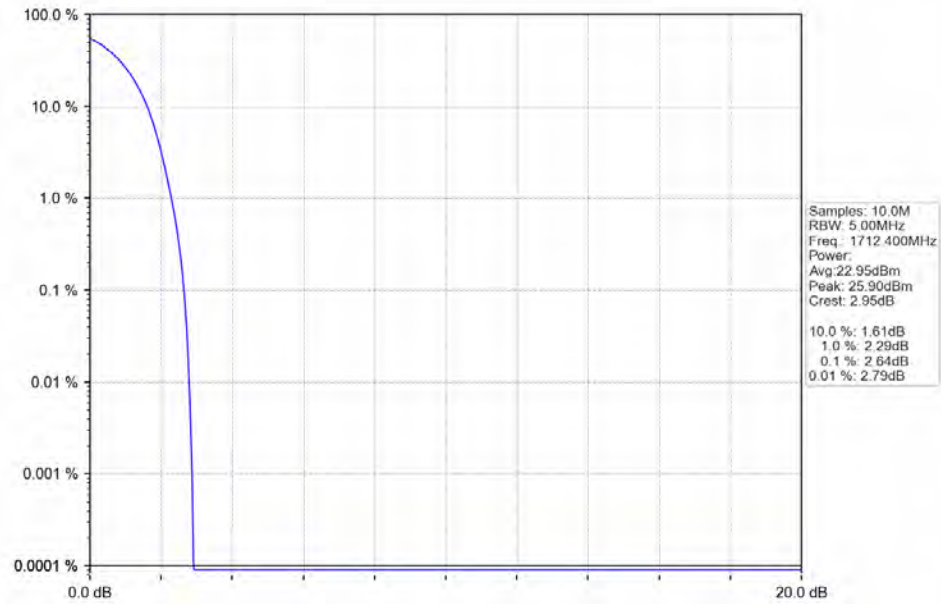


BUREAU
VERITAS

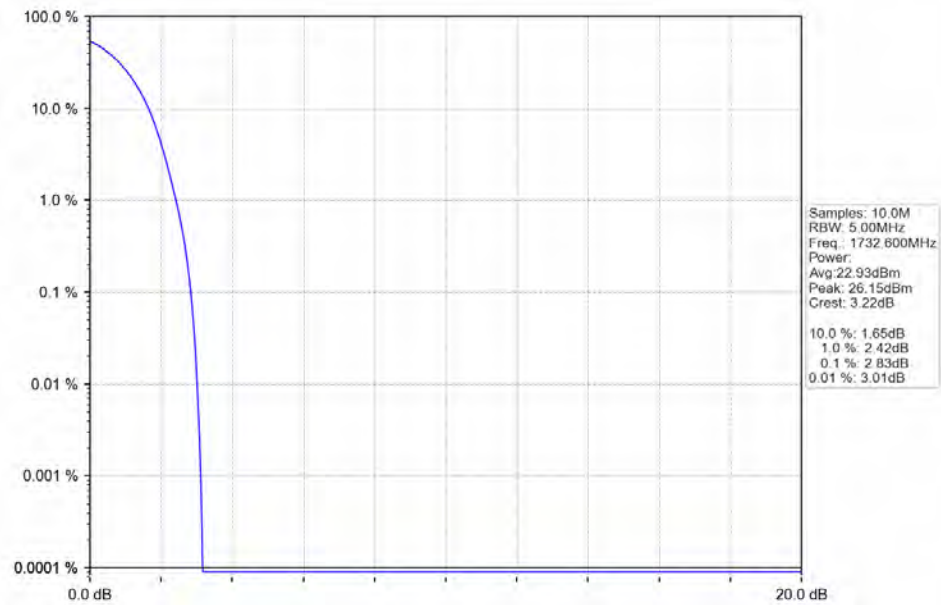
Test Report No.: W7L-P22090015-4RF06

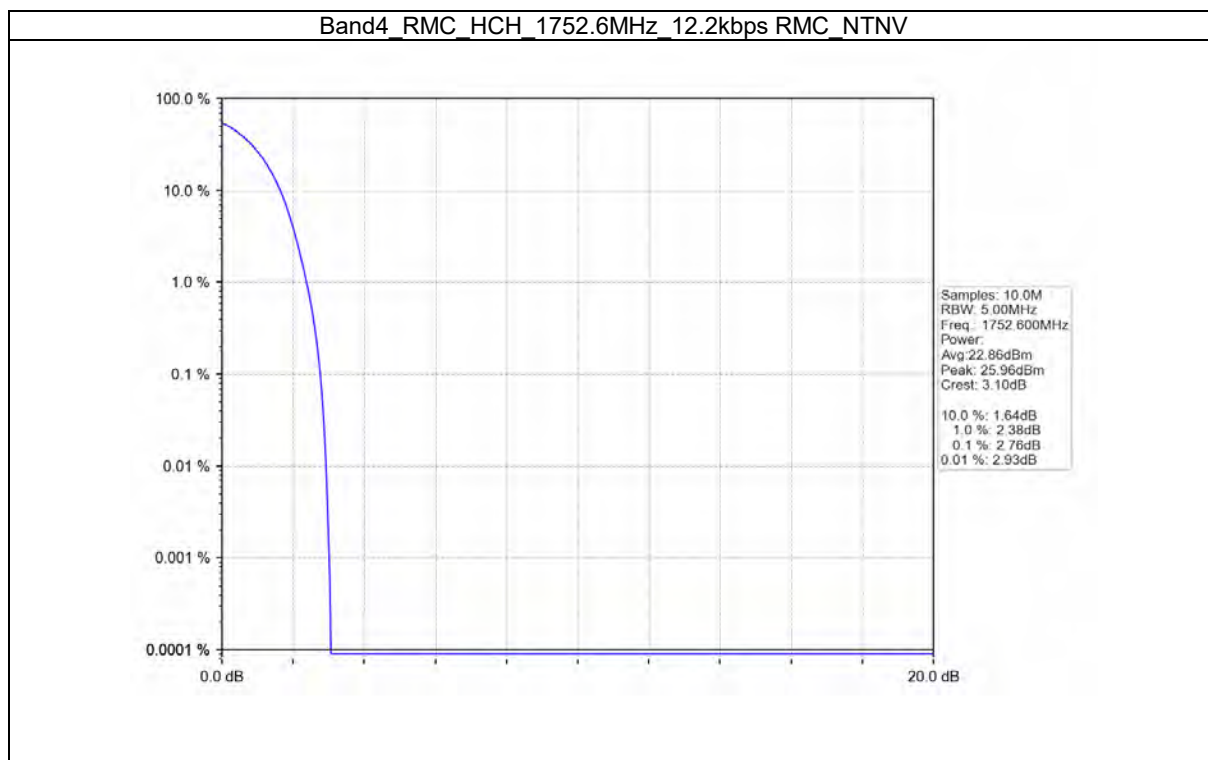
TEST GRAPH

Band4_RMC_LCH_1712.4MHz_12.2kbps_RMC_NTNV



Band4_RMC_MCH_1732.6MHz_12.2kbps_RMC_NTNV

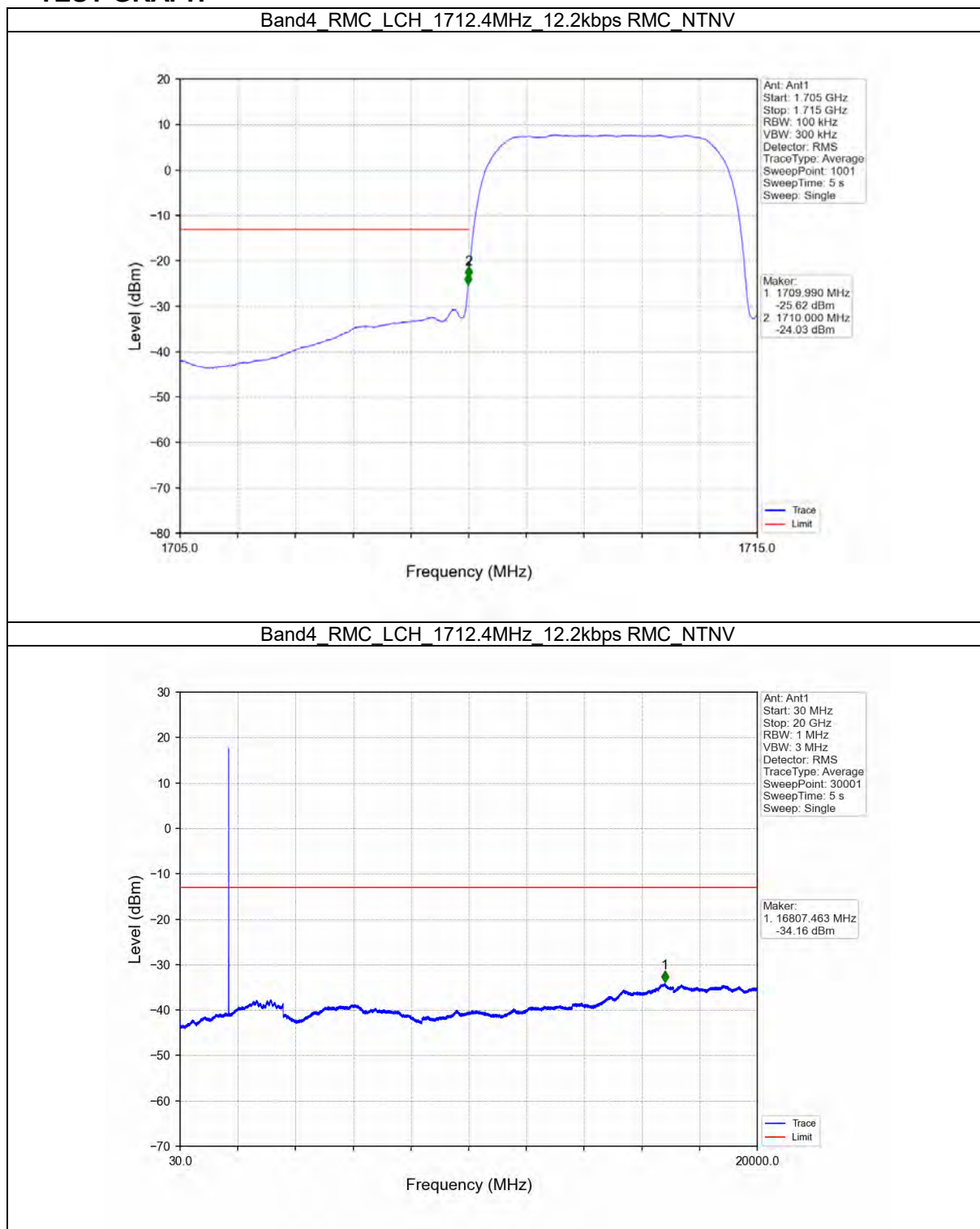




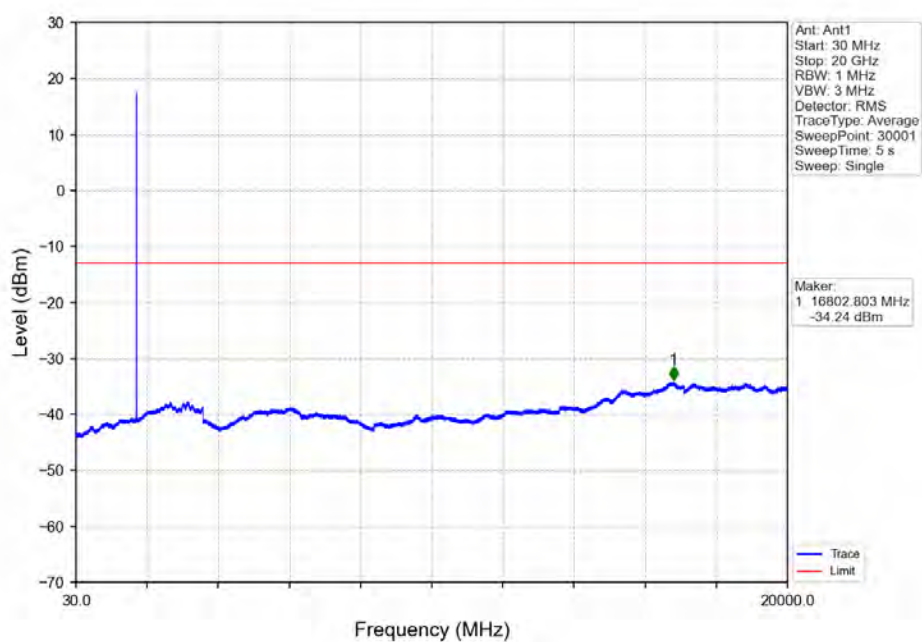
SPURIOUS EMISSION BAND4 TEST RESULT

Band: 4					
ENV	Mode		Frequency (MHz)	Spurious Emission	
	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

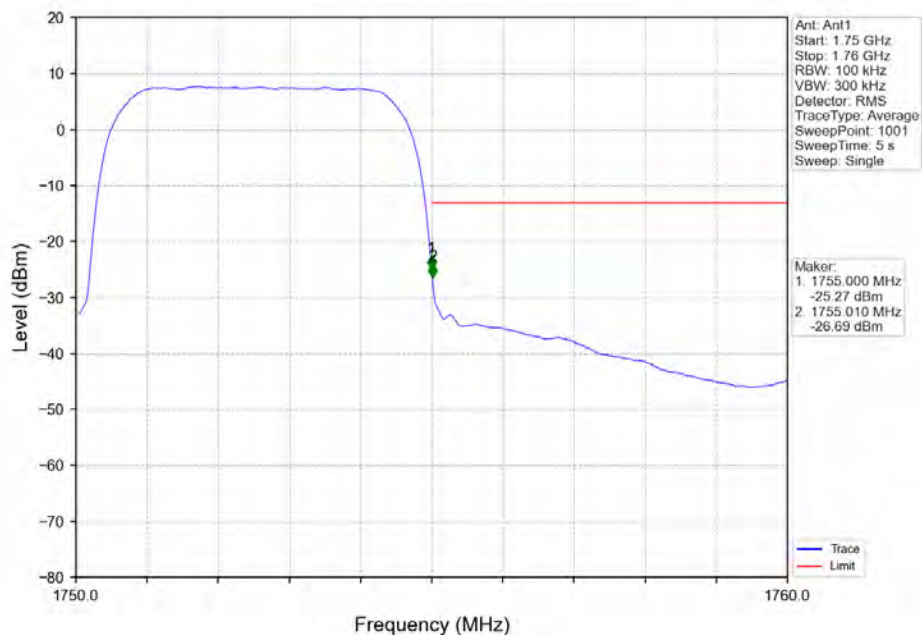
TEST GRAPH

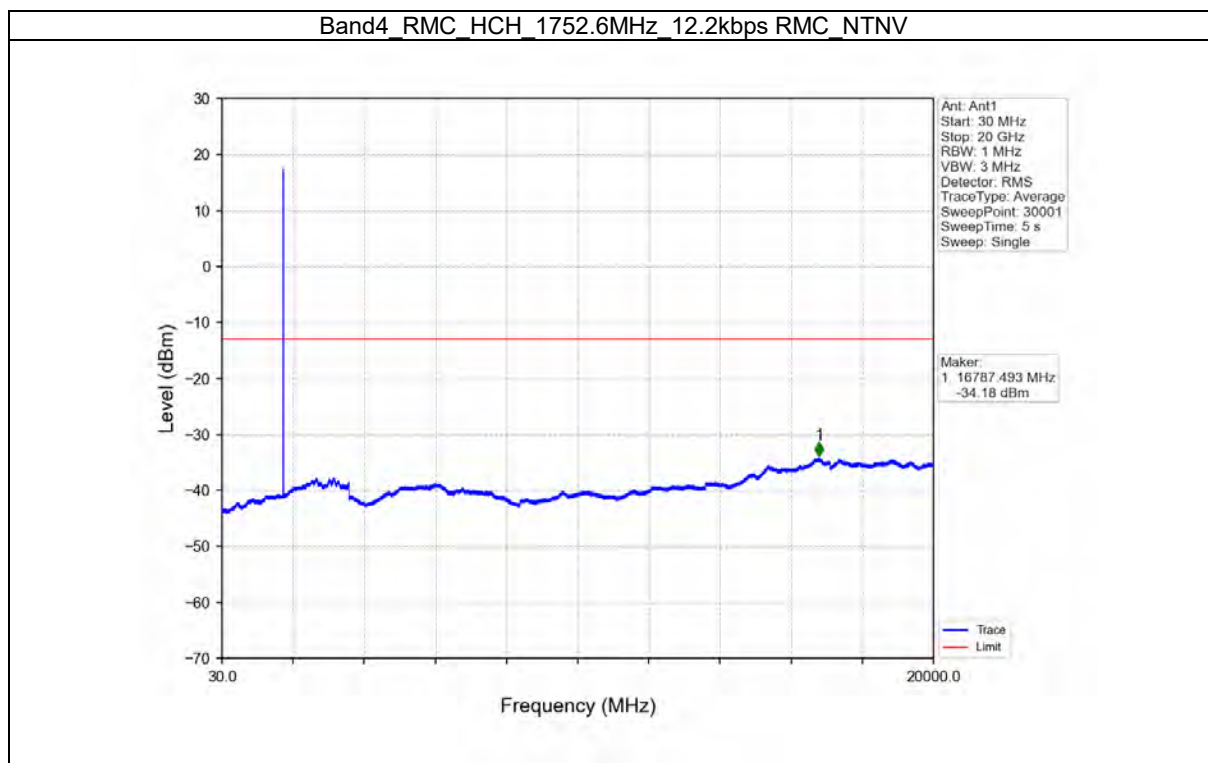


Band4_RMC_MCH_1732.6MHz_12.2kbps RMC_NTNV



Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV





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	9.30	0.01	-2.5 to 2.5	Pass
					3.85	2.96	0.00	-2.5 to 2.5	Pass
					4.43	-3.76	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-16.54	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-24.22	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-11.03	-0.01	-2.5 to 2.5	Pass
				0	3.85	-9.57	-0.01	-2.5 to 2.5	Pass
				10	3.85	-25.00	-0.01	-2.5 to 2.5	Pass
				30	3.85	-34.78	-0.02	-2.5 to 2.5	Pass
				40	3.85	-14.12	-0.01	-2.5 to 2.5	Pass
				50	3.85	-29.34	-0.02	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-18.45	-0.01	-2.5 to 2.5	Pass
					3.85	-11.07	-0.01	-2.5 to 2.5	Pass
					4.43	-16.91	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-17.47	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-24.86	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.35	-0.00	-2.5 to 2.5	Pass
				0	3.85	-33.09	-0.02	-2.5 to 2.5	Pass
				10	3.85	-21.29	-0.01	-2.5 to 2.5	Pass
				30	3.85	-37.95	-0.02	-2.5 to 2.5	Pass
				40	3.85	-28.87	-0.02	-2.5 to 2.5	Pass
				50	3.85	-29.98	-0.02	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-35.10	-0.02	-2.5 to 2.5	Pass
					3.85	-30.47	-0.02	-2.5 to 2.5	Pass
					4.43	-15.32	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-16.18	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-8.97	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-16.09	-0.01	-2.5 to 2.5	Pass
				0	3.85	-26.48	-0.02	-2.5 to 2.5	Pass
				10	3.85	-12.96	-0.01	-2.5 to 2.5	Pass
				30	3.85	-18.73	-0.01	-2.5 to 2.5	Pass
				40	3.85	-16.16	-0.01	-2.5 to 2.5	Pass
				50	3.85	-12.12	-0.01	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-2.93	-0.00	-2.5 to 2.5	Pass
					3.85	-17.85	-0.01	-2.5 to 2.5	Pass
					4.43	-21.97	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-20.54	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-21.66	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-30.08	-0.02	-2.5 to 2.5	Pass
				0	3.85	-33.50	-0.02	-2.5 to 2.5	Pass
				10	3.85	12.37	0.01	-2.5 to 2.5	Pass
				30	3.85	10.83	0.01	-2.5 to 2.5	Pass
				40	3.85	7.90	0.00	-2.5 to 2.5	Pass
				50	3.85	6.38	0.00	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-27.04	-0.02	-2.5 to 2.5	Pass
					3.85	-25.69	-0.01	-2.5 to 2.5	Pass
					4.43	-22.92	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-31.74	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-20.03	-0.01	-2.5 to 2.5	Pass



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				-10	3.85	-16.02	-0.01	-2.5 to 2.5	Pass
				0	3.85	-33.62	-0.02	-2.5 to 2.5	Pass
				10	3.85	-14.59	-0.01	-2.5 to 2.5	Pass
				30	3.85	-38.32	-0.02	-2.5 to 2.5	Pass
				40	3.85	-12.32	-0.01	-2.5 to 2.5	Pass
				50	3.85	-33.03	-0.02	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-21.52	-0.01	-2.5 to 2.5	Pass
					3.85	-22.89	-0.01	-2.5 to 2.5	Pass
					4.43	-5.01	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-31.79	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-21.76	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-31.30	-0.02	-2.5 to 2.5	Pass
				0	3.85	-28.18	-0.02	-2.5 to 2.5	Pass
				10	3.85	-13.19	-0.01	-2.5 to 2.5	Pass
				30	3.85	-34.75	-0.02	-2.5 to 2.5	Pass
				40	3.85	-8.65	-0.00	-2.5 to 2.5	Pass
				50	3.85	-10.20	-0.01	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.27	4.72	0.00	-2.5 to 2.5	Pass
					3.85	4.55	0.00	-2.5 to 2.5	Pass
					4.43	6.70	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.16	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.38	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.92	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.25	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.52	-0.00	-2.5 to 2.5	Pass
				30	3.85	-6.65	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.72	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.80	-0.00	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.45	-0.00	-2.5 to 2.5	Pass
					3.85	-14.92	-0.01	-2.5 to 2.5	Pass
					4.43	-13.06	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-21.76	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-31.24	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-35.83	-0.02	-2.5 to 2.5	Pass
				0	3.85	-29.94	-0.02	-2.5 to 2.5	Pass
				10	3.85	-16.81	-0.01	-2.5 to 2.5	Pass
				30	3.85	-17.20	-0.01	-2.5 to 2.5	Pass
				40	3.85	-19.66	-0.01	-2.5 to 2.5	Pass
				50	3.85	-21.91	-0.01	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-6.32	-0.00	-2.5 to 2.5	Pass
					3.85	-17.75	-0.01	-2.5 to 2.5	Pass
					4.43	-26.22	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-4.75	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-30.20	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-18.10	-0.01	-2.5 to 2.5	Pass
				0	3.85	-13.58	-0.01	-2.5 to 2.5	Pass
				10	3.85	-15.89	-0.01	-2.5 to 2.5	Pass
				30	3.85	-24.45	-0.01	-2.5 to 2.5	Pass
				40	3.85	-28.95	-0.02	-2.5 to 2.5	Pass
				50	3.85	-27.67	-0.02	-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	16.99	0.01	-2.5 to 2.5	Pass
					3.85	9.04	0.01	-2.5 to 2.5	Pass
					4.43	-10.90	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-31.43	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-23.36	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-17.30	-0.01	-2.5 to 2.5	Pass
				0	3.85	-17.91	-0.01	-2.5 to 2.5	Pass
				10	3.85	-26.66	-0.02	-2.5 to 2.5	Pass
				30	3.85	-19.57	-0.01	-2.5 to 2.5	Pass
				40	3.85	-45.33	-0.03	-2.5 to 2.5	Pass
				50	3.85	-14.18	-0.01	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	39.40	0.02	-2.5 to 2.5	Pass
					3.85	28.27	0.02	-2.5 to 2.5	Pass
					4.43	0.43	0.00	-2.5 to 2.5	Pass
				-30	3.85	5.11	0.00	-2.5 to 2.5	Pass
				-20	3.85	18.97	0.01	-2.5 to 2.5	Pass
				-10	3.85	24.42	0.01	-2.5 to 2.5	Pass
				0	3.85	37.11	0.02	-2.5 to 2.5	Pass
				10	3.85	-9.14	-0.01	-2.5 to 2.5	Pass
				30	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
				40	3.85	7.92	0.00	-2.5 to 2.5	Pass
				50	3.85	13.73	0.01	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-2.90	-0.00	-2.5 to 2.5	Pass
					3.85	-7.98	-0.00	-2.5 to 2.5	Pass
					4.43	-8.70	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-14.59	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-11.26	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.66	-0.00	-2.5 to 2.5	Pass
				0	3.85	-10.33	-0.01	-2.5 to 2.5	Pass
				10	3.85	-13.16	-0.01	-2.5 to 2.5	Pass
				30	3.85	-12.20	-0.01	-2.5 to 2.5	Pass
				40	3.85	-14.96	-0.01	-2.5 to 2.5	Pass
				50	3.85	-11.50	-0.01	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-42.37	-0.02	-2.5 to 2.5	Pass
					3.85	1.07	0.00	-2.5 to 2.5	Pass
					4.43	-22.87	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-4.43	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-34.52	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-28.27	-0.02	-2.5 to 2.5	Pass
				0	3.85	-9.47	-0.01	-2.5 to 2.5	Pass
				10	3.85	-22.89	-0.01	-2.5 to 2.5	Pass
				30	3.85	-12.46	-0.01	-2.5 to 2.5	Pass
				40	3.85	-38.05	-0.02	-2.5 to 2.5	Pass
				50	3.85	-18.15	-0.01	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	24.59	0.01	-2.5 to 2.5	Pass
					3.85	33.36	0.02	-2.5 to 2.5	Pass
					4.43	1.30	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.17	0.00	-2.5 to 2.5	Pass
				-20	3.85	6.71	0.00	-2.5 to 2.5	Pass
				-10	3.85	15.18	0.01	-2.5 to 2.5	Pass
				0	3.85	14.88	0.01	-2.5 to 2.5	Pass
				10	3.85	23.95	0.01	-2.5 to 2.5	Pass
				30	3.85	29.01	0.02	-2.5 to 2.5	Pass

	1753.5	15	0	40	3.85	30.54	0.02	-2.5 to 2.5	Pass
				50	3.85	40.03	0.02	-2.5 to 2.5	Pass
				20	3.27	-18.94	-0.01	-2.5 to 2.5	Pass
					3.85	-14.94	-0.01	-2.5 to 2.5	Pass
					4.43	-12.72	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-7.14	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-9.01	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.82	-0.00	-2.5 to 2.5	Pass
				10	3.85	2.25	0.00	-2.5 to 2.5	Pass
				30	3.85	0.26	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.76	-0.00	-2.5 to 2.5	Pass
				50	3.85	3.73	0.00	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.27	-1.66	-0.00	-2.5 to 2.5	Pass
					3.85	-15.49	-0.01	-2.5 to 2.5	Pass
					4.43	-16.58	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-16.11	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-11.12	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-0.59	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.90	0.00	-2.5 to 2.5	Pass
				10	3.85	8.74	0.01	-2.5 to 2.5	Pass
				30	3.85	12.40	0.01	-2.5 to 2.5	Pass
				40	3.85	17.18	0.01	-2.5 to 2.5	Pass
				50	3.85	18.41	0.01	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	17.39	0.01	-2.5 to 2.5	Pass
					3.85	9.51	0.01	-2.5 to 2.5	Pass
					4.43	18.34	0.01	-2.5 to 2.5	Pass
				-30	3.85	20.17	0.01	-2.5 to 2.5	Pass
				-20	3.85	26.42	0.02	-2.5 to 2.5	Pass
				-10	3.85	29.38	0.02	-2.5 to 2.5	Pass
				0	3.85	38.55	0.02	-2.5 to 2.5	Pass
				10	3.85	42.73	0.02	-2.5 to 2.5	Pass
				30	3.85	10.99	0.01	-2.5 to 2.5	Pass
				40	3.85	14.39	0.01	-2.5 to 2.5	Pass
				50	3.85	23.17	0.01	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	7.32	0.00	-2.5 to 2.5	Pass
					3.85	11.49	0.01	-2.5 to 2.5	Pass
					4.43	19.28	0.01	-2.5 to 2.5	Pass
				-30	3.85	22.07	0.01	-2.5 to 2.5	Pass
				-20	3.85	27.54	0.02	-2.5 to 2.5	Pass
				-10	3.85	29.51	0.02	-2.5 to 2.5	Pass
				0	3.85	34.98	0.02	-2.5 to 2.5	Pass
				10	3.85	26.65	0.02	-2.5 to 2.5	Pass
				30	3.85	32.90	0.02	-2.5 to 2.5	Pass
				40	3.85	40.84	0.02	-2.5 to 2.5	Pass
				50	3.85	39.97	0.02	-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	0.74	0.00	-2.5 to 2.5	Pass
					3.85	3.46	0.00	-2.5 to 2.5	Pass
					4.43	7.98	0.00	-2.5 to 2.5	Pass
				-30	3.85	9.18	0.01	-2.5 to 2.5	Pass
				-20	3.85	2.17	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.16	0.00	-2.5 to 2.5	Pass
				0	3.85	-7.50	-0.00	-2.5 to 2.5	Pass
				10	3.85	-17.35	-0.01	-2.5 to 2.5	Pass
				30	3.85	-25.75	-0.01	-2.5 to 2.5	Pass
				40	3.85	-29.20	-0.02	-2.5 to 2.5	Pass
				50	3.85	-44.43	-0.03	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-8.65	-0.01	-2.5 to 2.5	Pass
					3.85	-7.31	-0.00	-2.5 to 2.5	Pass
					4.43	-6.62	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-9.38	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-8.10	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-16.71	-0.01	-2.5 to 2.5	Pass
				0	3.85	-20.76	-0.01	-2.5 to 2.5	Pass
				10	3.85	-26.66	-0.02	-2.5 to 2.5	Pass
				30	3.85	-33.43	-0.02	-2.5 to 2.5	Pass
				40	3.85	-43.16	-0.02	-2.5 to 2.5	Pass
				50	3.85	-40.35	-0.02	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	8.93	0.01	-2.5 to 2.5	Pass
					3.85	2.55	0.00	-2.5 to 2.5	Pass
					4.43	2.29	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.03	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.83	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.97	-0.00	-2.5 to 2.5	Pass
				0	3.85	-24.39	-0.01	-2.5 to 2.5	Pass
				10	3.85	-32.43	-0.02	-2.5 to 2.5	Pass
				30	3.85	-20.10	-0.01	-2.5 to 2.5	Pass
				40	3.85	-10.91	-0.01	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-9.44	-0.01	-2.5 to 2.5	Pass
					3.85	-1.42	-0.00	-2.5 to 2.5	Pass
					4.43	-5.99	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-10.16	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-12.29	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.95	-0.00	-2.5 to 2.5	Pass
				0	3.85	-9.14	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.11	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				40	3.85	2.25	0.00	-2.5 to 2.5	Pass
				50	3.85	3.72	0.00	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	3.33	0.00	-2.5 to 2.5	Pass
					3.85	3.38	0.00	-2.5 to 2.5	Pass
					4.43	5.16	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.15	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.06	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.69	0.00	-2.5 to 2.5	Pass
				0	3.85	-2.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
				30	3.85	6.34	0.00	-2.5 to 2.5	Pass
				40	3.85	8.88	0.01	-2.5 to 2.5	Pass

	1752.5	25	0	50	3.85	6.64	0.00	-2.5 to 2.5	Pass
				20	3.27	-18.31	-0.01	-2.5 to 2.5	Pass
					3.85	-21.56	-0.01	-2.5 to 2.5	Pass
					4.43	-24.50	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-21.14	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-15.56	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-19.55	-0.01	-2.5 to 2.5	Pass
				0	3.85	-15.41	-0.01	-2.5 to 2.5	Pass
				10	3.85	-14.55	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.83	-0.00	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	40	3.85	-0.50	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.70	-0.00	-2.5 to 2.5	Pass
				20	3.27	1.25	0.00	-2.5 to 2.5	Pass
					3.85	2.80	0.00	-2.5 to 2.5	Pass
					4.43	6.59	0.00	-2.5 to 2.5	Pass
				-30	3.85	5.59	0.00	-2.5 to 2.5	Pass
				-20	3.85	6.37	0.00	-2.5 to 2.5	Pass
				-10	3.85	15.58	0.01	-2.5 to 2.5	Pass
				0	3.85	14.63	0.01	-2.5 to 2.5	Pass
				10	3.85	23.99	0.01	-2.5 to 2.5	Pass
	1732.5	25	0	30	3.85	30.53	0.02	-2.5 to 2.5	Pass
				40	3.85	-11.14	-0.01	-2.5 to 2.5	Pass
				50	3.85	-1.33	-0.00	-2.5 to 2.5	Pass
				20	3.27	12.75	0.01	-2.5 to 2.5	Pass
					3.85	19.88	0.01	-2.5 to 2.5	Pass
					4.43	16.36	0.01	-2.5 to 2.5	Pass
				-30	3.85	14.72	0.01	-2.5 to 2.5	Pass
				-20	3.85	22.59	0.01	-2.5 to 2.5	Pass
				-10	3.85	23.26	0.01	-2.5 to 2.5	Pass
				0	3.85	26.48	0.02	-2.5 to 2.5	Pass
	1752.5	25	0	10	3.85	33.10	0.02	-2.5 to 2.5	Pass
				30	3.85	-7.47	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.89	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.67	-0.00	-2.5 to 2.5	Pass
				20	3.27	-0.99	-0.00	-2.5 to 2.5	Pass
					3.85	3.92	0.00	-2.5 to 2.5	Pass
					4.43	15.69	0.01	-2.5 to 2.5	Pass
				-30	3.85	21.44	0.01	-2.5 to 2.5	Pass
				-20	3.85	26.19	0.01	-2.5 to 2.5	Pass
				-10	3.85	31.17	0.02	-2.5 to 2.5	Pass
				0	3.85	35.72	0.02	-2.5 to 2.5	Pass
				10	3.85	4.36	0.00	-2.5 to 2.5	Pass
				30	3.85	10.84	0.01	-2.5 to 2.5	Pass
				40	3.85	15.01	0.01	-2.5 to 2.5	Pass
				50	3.85	19.01	0.01	-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	17.71	0.01	-2.5 to 2.5	Pass
					3.85	20.73	0.01	-2.5 to 2.5	Pass
					4.43	16.54	0.01	-2.5 to 2.5	Pass
				-30	3.85	8.43	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.25	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-6.47	-0.00	-2.5 to 2.5	Pass
				0	3.85	-17.80	-0.01	-2.5 to 2.5	Pass
				10	3.85	-34.19	-0.02	-2.5 to 2.5	Pass
				30	3.85	-9.01	-0.01	-2.5 to 2.5	Pass
				40	3.85	-28.15	-0.02	-2.5 to 2.5	Pass
				50	3.85	-22.37	-0.01	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.96	0.00	-2.5 to 2.5	Pass
					3.85	9.00	0.01	-2.5 to 2.5	Pass
					4.43	5.19	0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-15.09	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-20.60	-0.01	-2.5 to 2.5	Pass
				0	3.85	-32.53	-0.02	-2.5 to 2.5	Pass
				10	3.85	-6.70	-0.00	-2.5 to 2.5	Pass
				30	3.85	-14.76	-0.01	-2.5 to 2.5	Pass
				40	3.85	-15.98	-0.01	-2.5 to 2.5	Pass
				50	3.85	-21.52	-0.01	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-14.35	-0.01	-2.5 to 2.5	Pass
					3.85	-22.07	-0.01	-2.5 to 2.5	Pass
					4.43	-34.76	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-42.66	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-11.07	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-23.46	-0.01	-2.5 to 2.5	Pass
				0	3.85	-2.12	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.83	-0.00	-2.5 to 2.5	Pass
				30	3.85	-14.55	-0.01	-2.5 to 2.5	Pass
				40	3.85	-26.41	-0.02	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-20.43	-0.01	-2.5 to 2.5	Pass
					3.85	-27.80	-0.02	-2.5 to 2.5	Pass
					4.43	-25.51	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-28.62	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-30.34	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-23.52	-0.01	-2.5 to 2.5	Pass
				0	3.85	-23.55	-0.01	-2.5 to 2.5	Pass
				10	3.85	-22.47	-0.01	-2.5 to 2.5	Pass
				30	3.85	-25.21	-0.01	-2.5 to 2.5	Pass
				40	3.85	-26.19	-0.02	-2.5 to 2.5	Pass
				50	3.85	-14.42	-0.01	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-24.06	-0.01	-2.5 to 2.5	Pass
					3.85	-26.46	-0.02	-2.5 to 2.5	Pass
					4.43	-22.42	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-17.64	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-16.81	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-17.15	-0.01	-2.5 to 2.5	Pass
				0	3.85	-12.80	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.97	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.91	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.96	-0.00	-2.5 to 2.5	Pass



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	1750	50	0	50	3.85	-1.09	-0.00	-2.5 to 2.5	Pass
				20	3.27	0.67	0.00	-2.5 to 2.5	Pass
					3.85	3.95	0.00	-2.5 to 2.5	Pass
					4.43	16.19	0.01	-2.5 to 2.5	Pass
				-30	3.85	23.19	0.01	-2.5 to 2.5	Pass
				-20	3.85	24.66	0.01	-2.5 to 2.5	Pass
				-10	3.85	29.02	0.02	-2.5 to 2.5	Pass
				0	3.85	34.45	0.02	-2.5 to 2.5	Pass
				10	3.85	40.87	0.02	-2.5 to 2.5	Pass
				30	3.85	22.72	0.01	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.27	-11.13	-0.01	-2.5 to 2.5	Pass
					3.85	-6.51	-0.00	-2.5 to 2.5	Pass
					4.43	4.54	0.00	-2.5 to 2.5	Pass
				-30	3.85	13.55	0.01	-2.5 to 2.5	Pass
				-20	3.85	33.92	0.02	-2.5 to 2.5	Pass
				-10	3.85	19.45	0.01	-2.5 to 2.5	Pass
				0	3.85	29.87	0.02	-2.5 to 2.5	Pass
				10	3.85	32.17	0.02	-2.5 to 2.5	Pass
				30	3.85	20.54	0.01	-2.5 to 2.5	Pass
				40	3.85	24.59	0.01	-2.5 to 2.5	Pass
	1732.5	50	0	50	3.85	27.49	0.02	-2.5 to 2.5	Pass
				20	3.27	9.27	0.01	-2.5 to 2.5	Pass
					3.85	14.83	0.01	-2.5 to 2.5	Pass
					4.43	22.57	0.01	-2.5 to 2.5	Pass
				-30	3.85	31.53	0.02	-2.5 to 2.5	Pass
				-20	3.85	6.92	0.00	-2.5 to 2.5	Pass
				-10	3.85	15.01	0.01	-2.5 to 2.5	Pass
				0	3.85	13.80	0.01	-2.5 to 2.5	Pass
				10	3.85	20.50	0.01	-2.5 to 2.5	Pass
				30	3.85	23.59	0.01	-2.5 to 2.5	Pass
	1750	50	0	40	3.85	35.60	0.02	-2.5 to 2.5	Pass
				50	3.85	39.23	0.02	-2.5 to 2.5	Pass
				20	3.27	41.77	0.02	-2.5 to 2.5	Pass
					3.85	13.32	0.01	-2.5 to 2.5	Pass
					4.43	23.86	0.01	-2.5 to 2.5	Pass
				-30	3.85	32.22	0.02	-2.5 to 2.5	Pass
				-20	3.85	40.43	0.02	-2.5 to 2.5	Pass
				-10	3.85	7.90	0.00	-2.5 to 2.5	Pass
				0	3.85	22.33	0.01	-2.5 to 2.5	Pass
				10	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
				30	3.85	11.06	0.01	-2.5 to 2.5	Pass
				40	3.85	22.22	0.01	-2.5 to 2.5	Pass
				50	3.85	32.99	0.02	-2.5 to 2.5	Pass

B4_15MHZ TEST RESULT

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-4.72	-0.00	-2.5 to 2.5	Pass
					3.85	-5.57	-0.00	-2.5 to 2.5	Pass
					4.43	-14.82	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-25.69	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-16.62	-0.01	-2.5 to 2.5	Pass
				-10	3.85	3.79	0.00	-2.5 to 2.5	Pass
				0	3.85	-8.22	-0.00	-2.5 to 2.5	Pass
				10	3.85	-26.48	-0.02	-2.5 to 2.5	Pass
				30	3.85	-34.45	-0.02	-2.5 to 2.5	Pass
				40	3.85	-17.65	-0.01	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	13.15	0.01	-2.5 to 2.5	Pass
					3.85	7.09	0.00	-2.5 to 2.5	Pass
					4.43	1.83	0.00	-2.5 to 2.5	Pass
				-30	3.85	-7.77	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-22.30	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-13.16	-0.01	-2.5 to 2.5	Pass
				0	3.85	-15.65	-0.01	-2.5 to 2.5	Pass
				10	3.85	-31.71	-0.02	-2.5 to 2.5	Pass
				30	3.85	-41.80	-0.02	-2.5 to 2.5	Pass
				40	3.85	-45.33	-0.03	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	10.40	0.01	-2.5 to 2.5	Pass
					3.85	9.30	0.01	-2.5 to 2.5	Pass
					4.43	3.90	0.00	-2.5 to 2.5	Pass
				-30	3.85	-6.24	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-18.35	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-27.04	-0.02	-2.5 to 2.5	Pass
				0	3.85	-38.94	-0.02	-2.5 to 2.5	Pass
				10	3.85	-13.42	-0.01	-2.5 to 2.5	Pass
				30	3.85	-18.34	-0.01	-2.5 to 2.5	Pass
				40	3.85	-25.61	-0.01	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-0.20	-0.00	-2.5 to 2.5	Pass
					3.85	-8.22	-0.00	-2.5 to 2.5	Pass
					4.43	-7.70	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-13.02	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-15.58	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-16.16	-0.01	-2.5 to 2.5	Pass
				0	3.85	-11.04	-0.01	-2.5 to 2.5	Pass
				10	3.85	-16.28	-0.01	-2.5 to 2.5	Pass
				30	3.85	-15.92	-0.01	-2.5 to 2.5	Pass
				40	3.85	-19.25	-0.01	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-44.60	-0.03	-2.5 to 2.5	Pass
					3.85	-40.48	-0.02	-2.5 to 2.5	Pass
					4.43	-33.77	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-33.77	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-39.54	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-41.87	-0.02	-2.5 to 2.5	Pass
				0	3.85	-6.02	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.16	-0.00	-2.5 to 2.5	Pass
				30	3.85	7.88	0.00	-2.5 to 2.5	Pass
				40	3.85	8.31	0.00	-2.5 to 2.5	Pass



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	1747.5	75	0	50	3.85	12.43	0.01	-2.5 to 2.5	Pass
				20	3.27	-48.64	-0.03	-2.5 to 2.5	Pass
					3.85	-3.85	-0.00	-2.5 to 2.5	Pass
					4.43	-6.12	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-9.71	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-13.28	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-18.65	-0.01	-2.5 to 2.5	Pass
				0	3.85	-12.75	-0.01	-2.5 to 2.5	Pass
				10	3.85	-15.61	-0.01	-2.5 to 2.5	Pass
				30	3.85	-14.28	-0.01	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	40	3.85	-1.37	-0.00	-2.5 to 2.5	Pass
				50	3.85	1.79	0.00	-2.5 to 2.5	Pass
				20	3.27	-15.88	-0.01	-2.5 to 2.5	Pass
					3.85	-8.64	-0.01	-2.5 to 2.5	Pass
					4.43	1.22	0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.96	-0.00	-2.5 to 2.5	Pass
				-20	3.85	3.46	0.00	-2.5 to 2.5	Pass
				-10	3.85	10.74	0.01	-2.5 to 2.5	Pass
				0	3.85	12.33	0.01	-2.5 to 2.5	Pass
				10	3.85	15.65	0.01	-2.5 to 2.5	Pass
	1732.5	75	0	30	3.85	19.34	0.01	-2.5 to 2.5	Pass
				40	3.85	30.54	0.02	-2.5 to 2.5	Pass
				50	3.85	35.89	0.02	-2.5 to 2.5	Pass
				20	3.27	13.73	0.01	-2.5 to 2.5	Pass
					3.85	19.23	0.01	-2.5 to 2.5	Pass
					4.43	25.43	0.01	-2.5 to 2.5	Pass
				-30	3.85	31.21	0.02	-2.5 to 2.5	Pass
				-20	3.85	26.52	0.02	-2.5 to 2.5	Pass
				-10	3.85	11.41	0.01	-2.5 to 2.5	Pass
				0	3.85	14.39	0.01	-2.5 to 2.5	Pass
	1747.5	75	0	10	3.85	18.40	0.01	-2.5 to 2.5	Pass
				30	3.85	24.19	0.01	-2.5 to 2.5	Pass
				40	3.85	11.00	0.01	-2.5 to 2.5	Pass
				50	3.85	13.85	0.01	-2.5 to 2.5	Pass
				20	3.27	14.48	0.01	-2.5 to 2.5	Pass
					3.85	21.56	0.01	-2.5 to 2.5	Pass
					4.43	35.91	0.02	-2.5 to 2.5	Pass
				-30	3.85	16.41	0.01	-2.5 to 2.5	Pass
				-20	3.85	-0.99	-0.00	-2.5 to 2.5	Pass
				-10	3.85	8.97	0.01	-2.5 to 2.5	Pass
				0	3.85	13.76	0.01	-2.5 to 2.5	Pass
				10	3.85	18.47	0.01	-2.5 to 2.5	Pass
				30	3.85	9.96	0.01	-2.5 to 2.5	Pass
				40	3.85	-7.12	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.92	-0.00	-2.5 to 2.5	Pass

B4_20MHZ TEST RESULT

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	8.71	0.01	-2.5 to 2.5	Pass
					3.85	-2.49	-0.00	-2.5 to 2.5	Pass
					4.43	-10.34	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-26.77	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-37.56	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-9.96	-0.01	-2.5 to 2.5	Pass
				0	3.85	-28.68	-0.02	-2.5 to 2.5	Pass
				10	3.85	-12.90	-0.01	-2.5 to 2.5	Pass
				30	3.85	-19.77	-0.01	-2.5 to 2.5	Pass
				40	3.85	-15.75	-0.01	-2.5 to 2.5	Pass
				50	3.85	-18.75	-0.01	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-5.91	-0.00	-2.5 to 2.5	Pass
					3.85	-3.33	-0.00	-2.5 to 2.5	Pass
					4.43	-17.04	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-28.73	-0.02	-2.5 to 2.5	Pass
				-20	3.85	3.28	0.00	-2.5 to 2.5	Pass
				-10	3.85	-22.92	-0.01	-2.5 to 2.5	Pass
				0	3.85	-12.27	-0.01	-2.5 to 2.5	Pass
				10	3.85	-33.40	-0.02	-2.5 to 2.5	Pass
				30	3.85	-12.73	-0.01	-2.5 to 2.5	Pass
				40	3.85	-34.17	-0.02	-2.5 to 2.5	Pass
				50	3.85	-16.58	-0.01	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.94	-0.00	-2.5 to 2.5	Pass
					3.85	-12.42	-0.01	-2.5 to 2.5	Pass
					4.43	-30.10	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-14.91	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-36.85	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-10.33	-0.01	-2.5 to 2.5	Pass
				0	3.85	-30.23	-0.02	-2.5 to 2.5	Pass
				10	3.85	-19.50	-0.01	-2.5 to 2.5	Pass
				30	3.85	-14.08	-0.01	-2.5 to 2.5	Pass
				40	3.85	-26.12	-0.01	-2.5 to 2.5	Pass
				50	3.85	-18.32	-0.01	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-24.42	-0.01	-2.5 to 2.5	Pass
					3.85	-20.61	-0.01	-2.5 to 2.5	Pass
					4.43	-29.34	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-23.60	-0.01	-2.5 to 2.5	Pass
				-20	3.85	9.40	0.01	-2.5 to 2.5	Pass
				-10	3.85	14.81	0.01	-2.5 to 2.5	Pass
				0	3.85	17.75	0.01	-2.5 to 2.5	Pass
				10	3.85	24.66	0.01	-2.5 to 2.5	Pass
				30	3.85	27.92	0.02	-2.5 to 2.5	Pass
				40	3.85	25.45	0.01	-2.5 to 2.5	Pass
				50	3.85	23.26	0.01	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-40.34	-0.02	-2.5 to 2.5	Pass
					3.85	7.35	0.00	-2.5 to 2.5	Pass
					4.43	21.47	0.01	-2.5 to 2.5	Pass
				-30	3.85	11.87	0.01	-2.5 to 2.5	Pass
				-20	3.85	-19.00	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-15.98	-0.01	-2.5 to 2.5	Pass
				0	3.85	-11.46	-0.01	-2.5 to 2.5	Pass
				10	3.85	-9.61	-0.01	-2.5 to 2.5	Pass
				30	3.85	-10.54	-0.01	-2.5 to 2.5	Pass
				40	3.85	-1.57	-0.00	-2.5 to 2.5	Pass



**BUREAU
VERITAS**

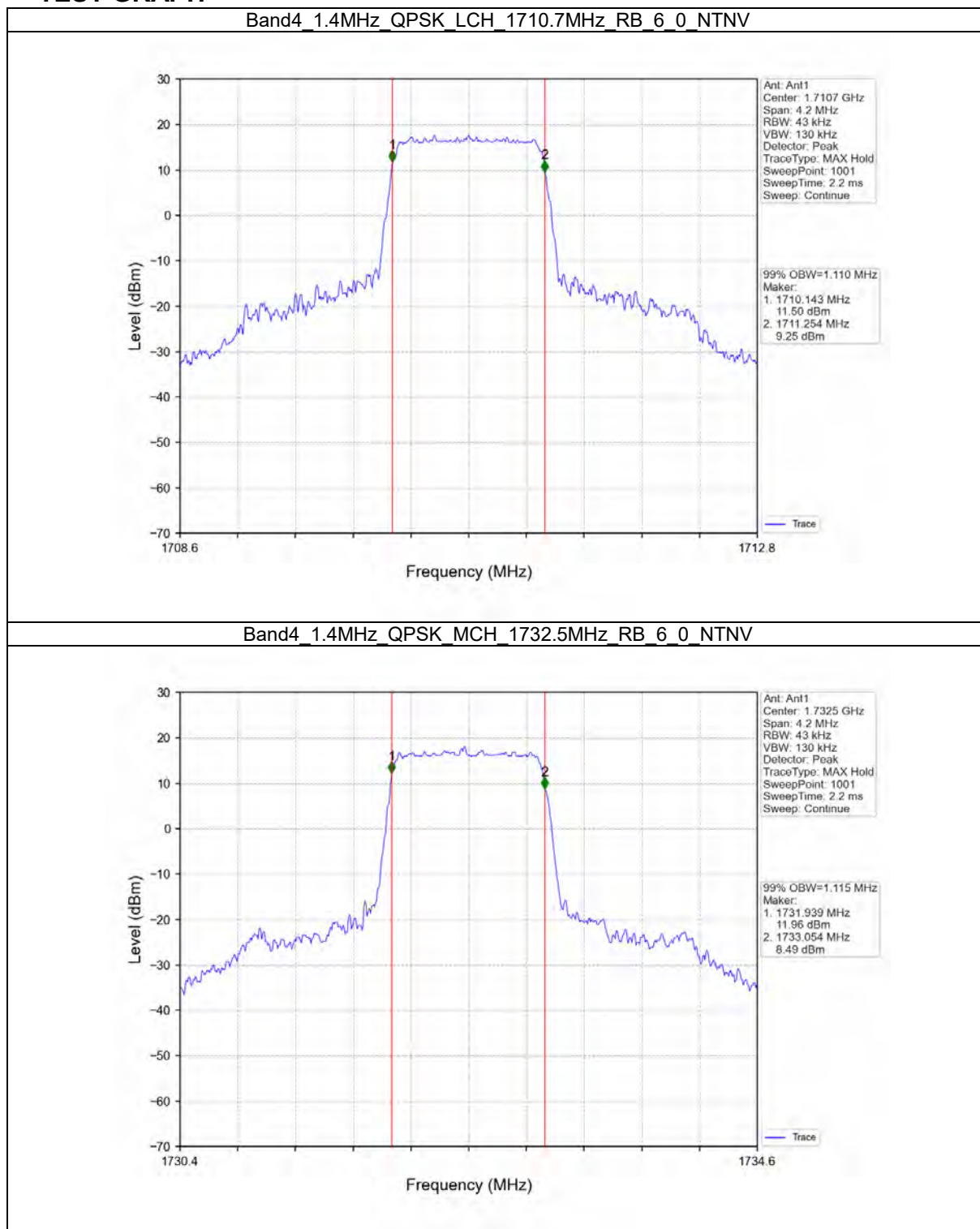
Test Report No.: W7L-P22090015-4RF06

	1745	100	0	50	3.85	1.60	0.00	-2.5 to 2.5	Pass
				20	3.27	-19.04	-0.01	-2.5 to 2.5	Pass
					3.85	1.79	0.00	-2.5 to 2.5	Pass
					4.43	-3.05	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-11.83	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-11.54	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-12.85	-0.01	-2.5 to 2.5	Pass
				0	3.85	-20.21	-0.01	-2.5 to 2.5	Pass
				10	3.85	-16.65	-0.01	-2.5 to 2.5	Pass
				30	3.85	-15.48	-0.01	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.27	27.31	0.02	-2.5 to 2.5	Pass
					3.85	29.87	0.02	-2.5 to 2.5	Pass
					4.43	11.77	0.01	-2.5 to 2.5	Pass
				-30	3.85	22.80	0.01	-2.5 to 2.5	Pass
				-20	3.85	35.08	0.02	-2.5 to 2.5	Pass
				-10	3.85	9.05	0.01	-2.5 to 2.5	Pass
				0	3.85	17.54	0.01	-2.5 to 2.5	Pass
				10	3.85	22.82	0.01	-2.5 to 2.5	Pass
				30	3.85	25.76	0.01	-2.5 to 2.5	Pass
				40	3.85	36.68	0.02	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	10.14	0.01	-2.5 to 2.5	Pass
					3.85	23.09	0.01	-2.5 to 2.5	Pass
					4.43	13.68	0.01	-2.5 to 2.5	Pass
				-30	3.85	6.54	0.00	-2.5 to 2.5	Pass
				-20	3.85	15.91	0.01	-2.5 to 2.5	Pass
				-10	3.85	25.16	0.01	-2.5 to 2.5	Pass
				0	3.85	26.78	0.02	-2.5 to 2.5	Pass
				10	3.85	5.22	0.00	-2.5 to 2.5	Pass
				30	3.85	20.57	0.01	-2.5 to 2.5	Pass
				40	3.85	31.53	0.02	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.49	-0.00	-2.5 to 2.5	Pass
					3.85	-0.41	-0.00	-2.5 to 2.5	Pass
					4.43	10.69	0.01	-2.5 to 2.5	Pass
				-30	3.85	21.21	0.01	-2.5 to 2.5	Pass
				-20	3.85	31.13	0.02	-2.5 to 2.5	Pass
				-10	3.85	15.51	0.01	-2.5 to 2.5	Pass
				0	3.85	28.50	0.02	-2.5 to 2.5	Pass
				10	3.85	38.20	0.02	-2.5 to 2.5	Pass
				30	3.85	37.94	0.02	-2.5 to 2.5	Pass
				40	3.85	2.50	0.00	-2.5 to 2.5	Pass
				50	3.85	15.92	0.01	-2.5 to 2.5	Pass

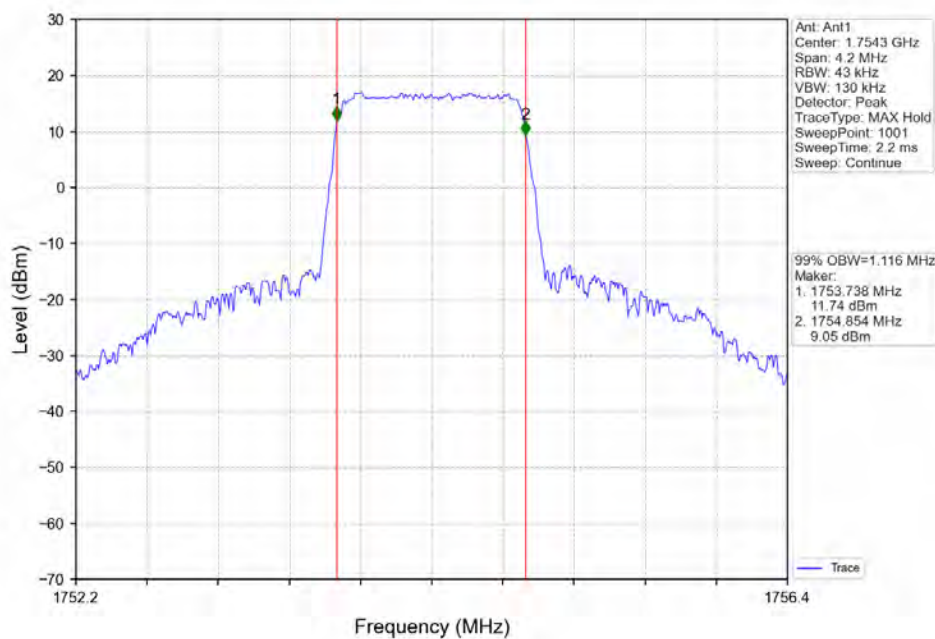
99% & 26DB BANDWIDTH BAND4_OBW TEST RESULT

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.110	Pass
		1732.5	6	0	1.115	Pass
		1754.3	6	0	1.116	Pass
	16QAM	1710.7	6	0	1.109	Pass
		1732.5	6	0	1.113	Pass
		1754.3	6	0	1.114	Pass
	64QAM	1710.7	6	0	1.107	Pass
		1732.5	6	0	1.107	Pass
		1754.3	6	0	1.106	Pass
3	QPSK	1711.5	15	0	2.749	Pass
		1732.5	15	0	2.754	Pass
		1753.5	15	0	2.763	Pass
	16QAM	1711.5	15	0	2.750	Pass
		1732.5	15	0	2.753	Pass
		1753.5	15	0	2.761	Pass
	64QAM	1711.5	15	0	2.762	Pass
		1732.5	15	0	2.762	Pass
		1753.5	15	0	2.743	Pass
5	QPSK	1712.5	25	0	4.585	Pass
		1732.5	25	0	4.550	Pass
		1752.5	25	0	4.542	Pass
	16QAM	1712.5	25	0	4.550	Pass
		1732.5	25	0	4.562	Pass
		1752.5	25	0	4.582	Pass
	64QAM	1712.5	25	0	4.555	Pass
		1732.5	25	0	4.562	Pass
		1752.5	25	0	4.548	Pass
10	QPSK	1715	50	0	9.087	Pass
		1732.5	50	0	9.057	Pass
		1750	50	0	9.114	Pass
	16QAM	1715	50	0	9.086	Pass
		1732.5	50	0	9.058	Pass
		1750	50	0	9.077	Pass
	64QAM	1715	50	0	9.095	Pass
		1732.5	50	0	9.061	Pass
		1750	50	0	9.066	Pass
15	QPSK	1717.5	75	0	13.648	Pass
		1732.5	75	0	13.613	Pass
		1747.5	75	0	13.631	Pass
	16QAM	1717.5	75	0	13.635	Pass
		1732.5	75	0	13.605	Pass
		1747.5	75	0	13.650	Pass
	64QAM	1717.5	75	0	13.643	Pass
		1732.5	75	0	13.602	Pass
		1747.5	75	0	13.657	Pass
20	QPSK	1720	100	0	18.136	Pass
		1732.5	100	0	18.153	Pass
		1745	100	0	18.169	Pass
	16QAM	1720	100	0	18.148	Pass
		1732.5	100	0	18.154	Pass
		1745	100	0	18.161	Pass
	64QAM	1720	100	0	18.131	Pass
		1732.5	100	0	18.152	Pass
		1745	100	0	18.134	Pass

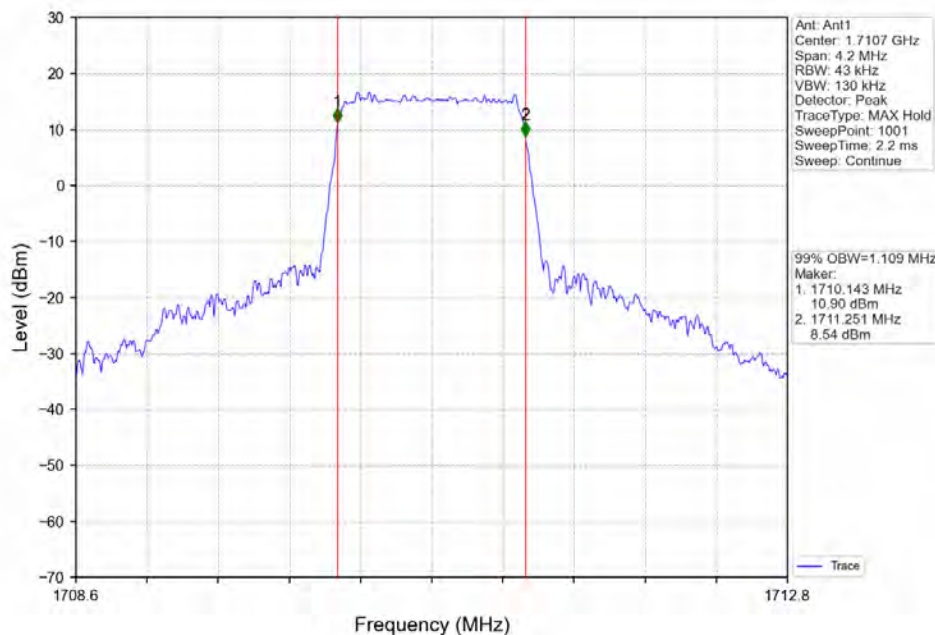
TEST GRAPH



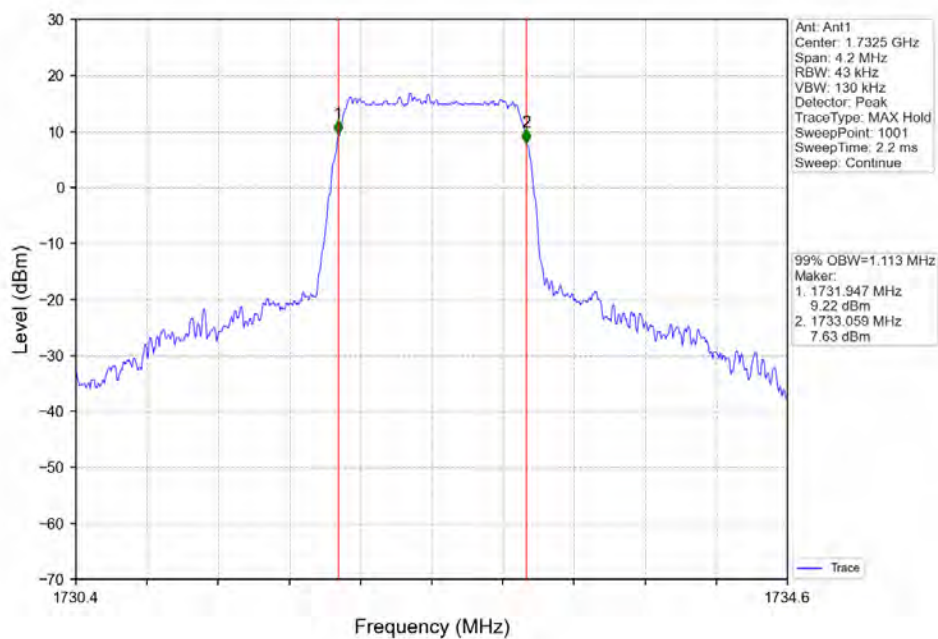
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTVN



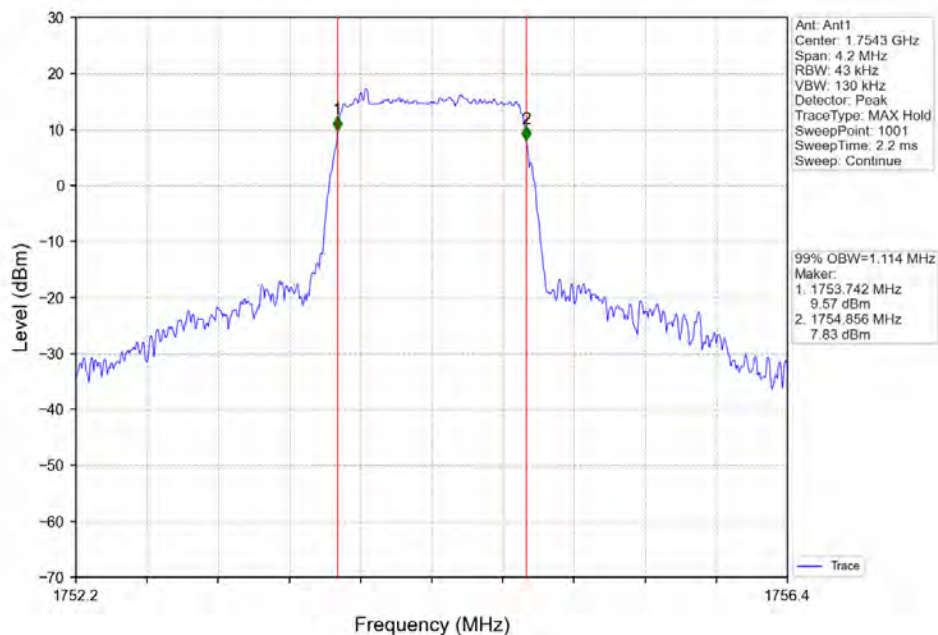
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTVN



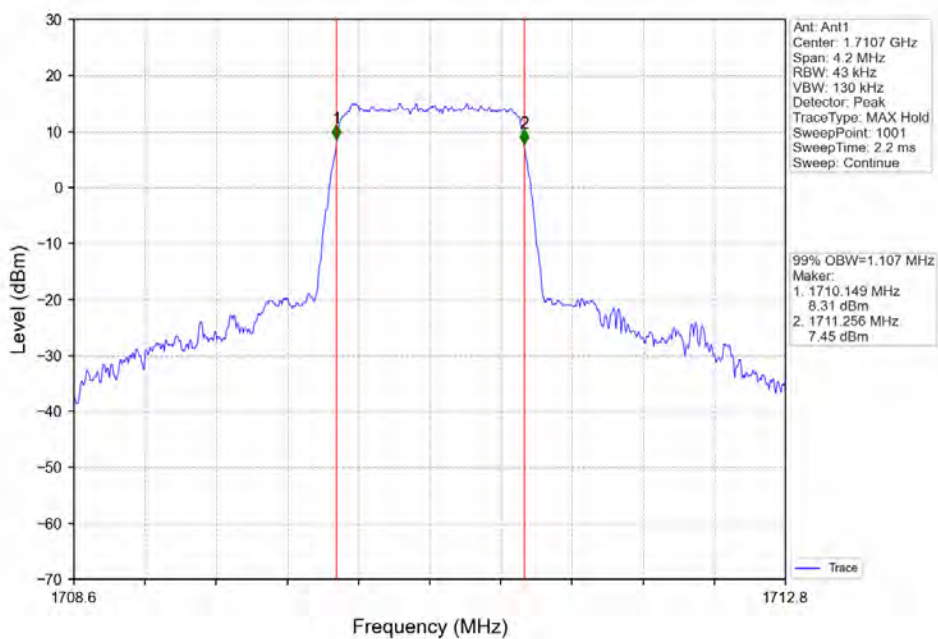
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTV



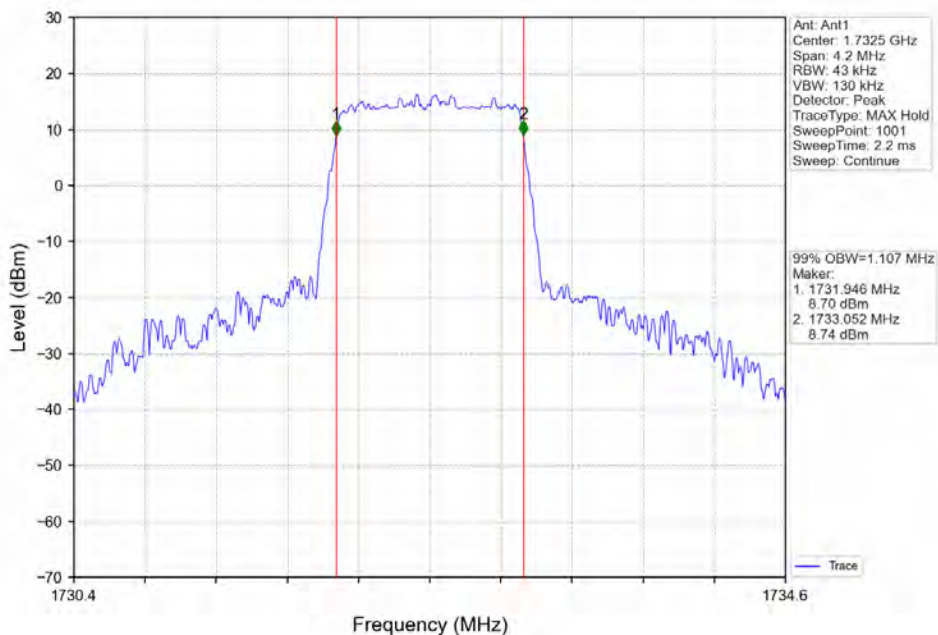
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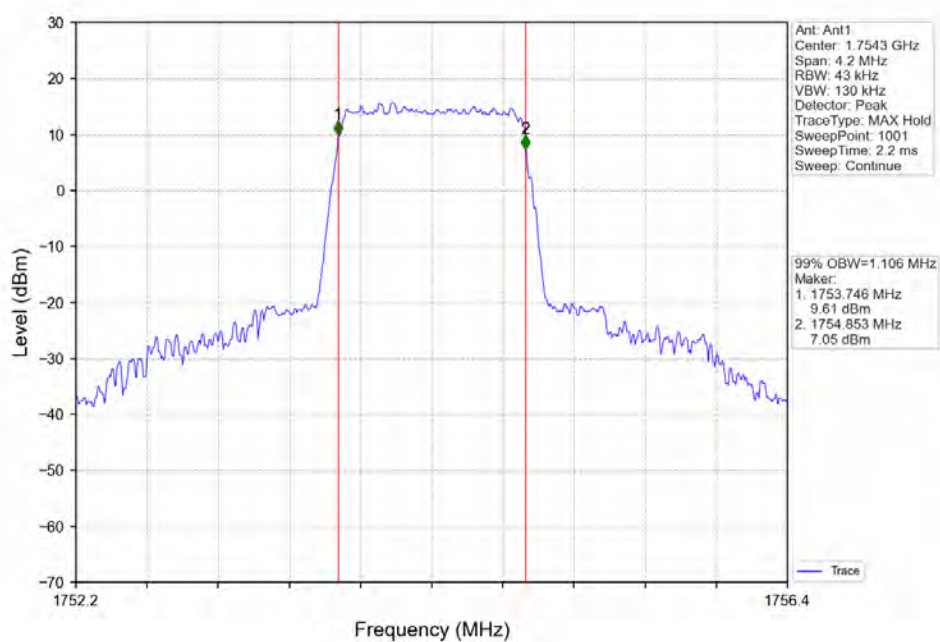
Band4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



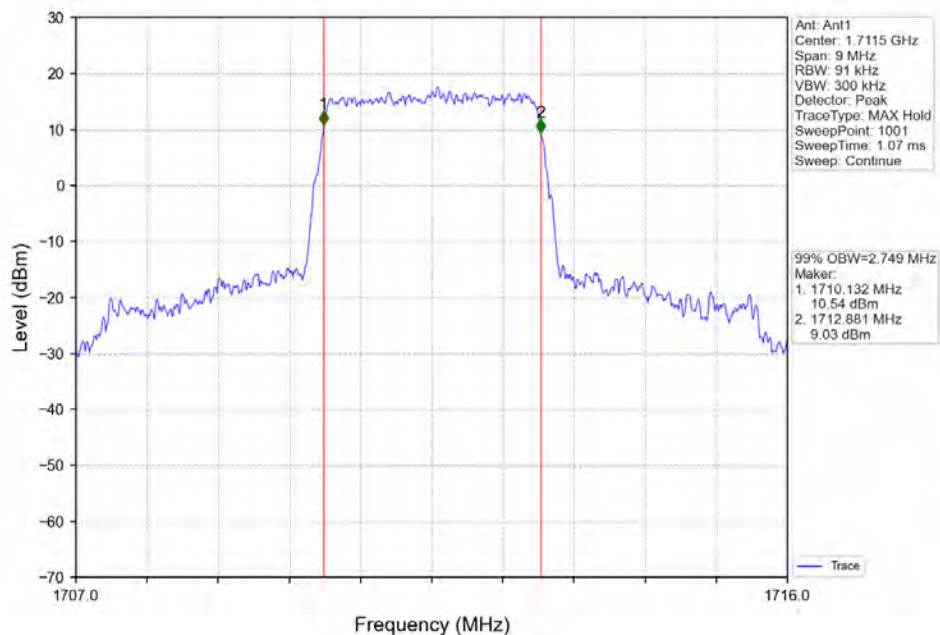
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV

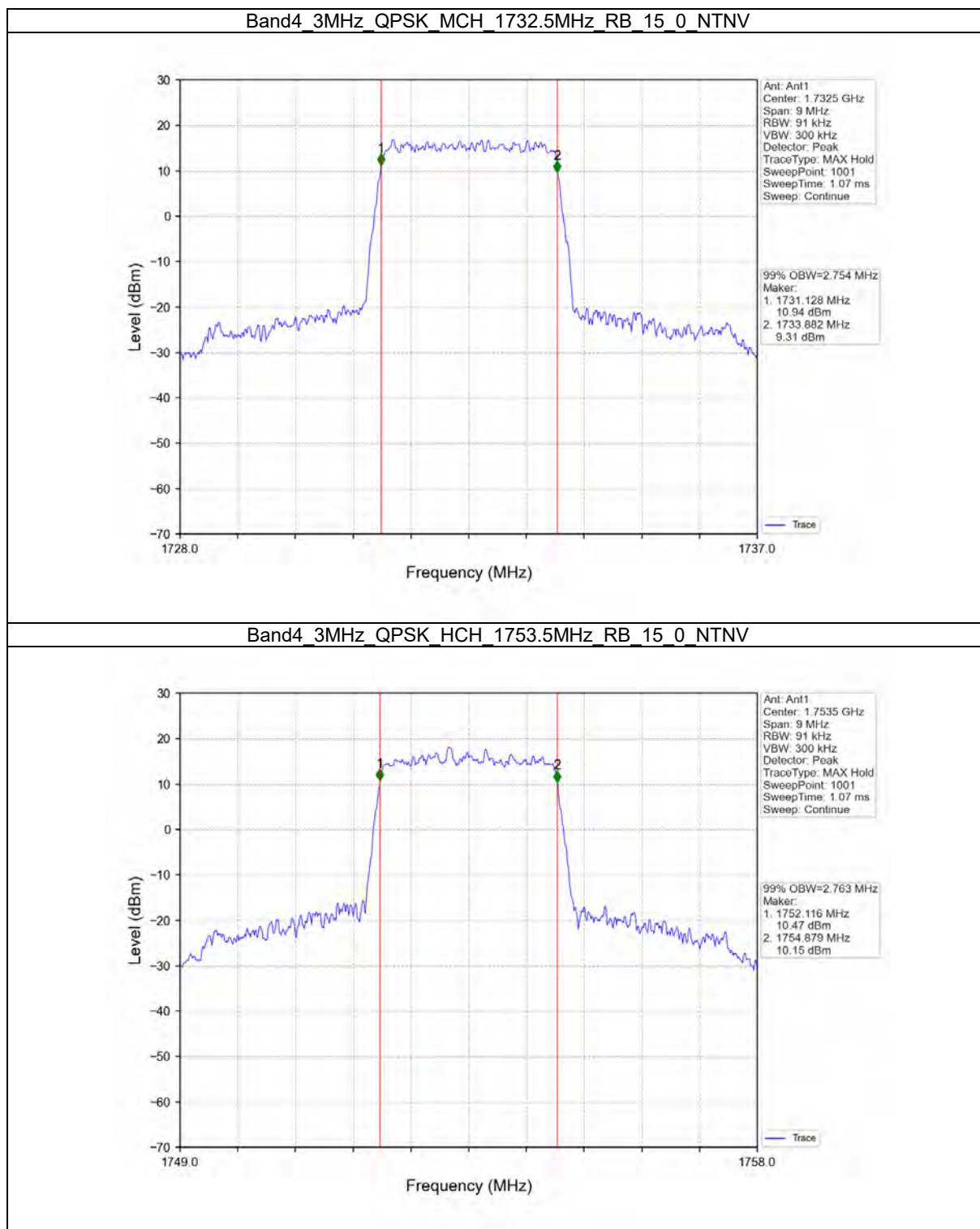


Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV

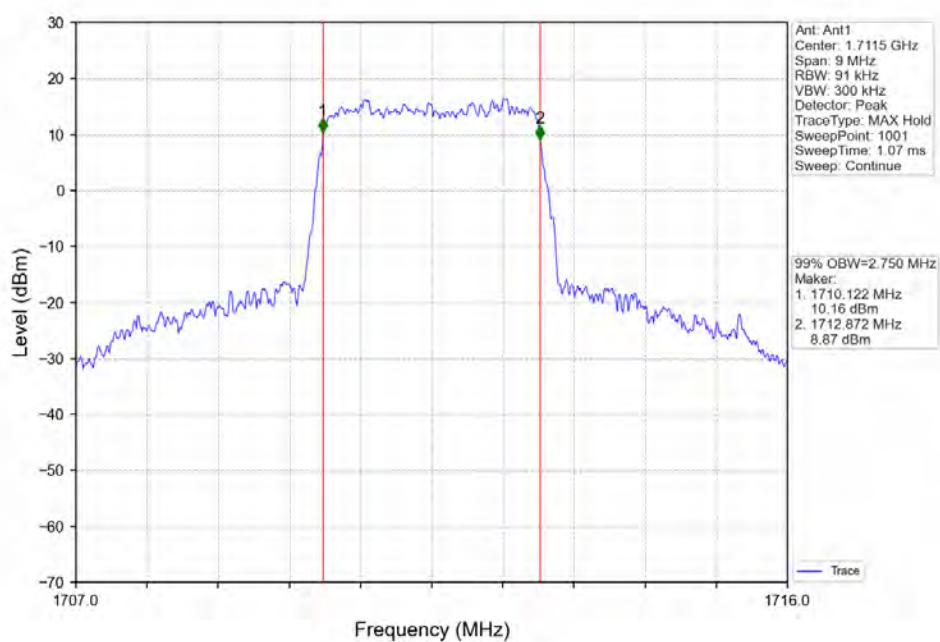


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

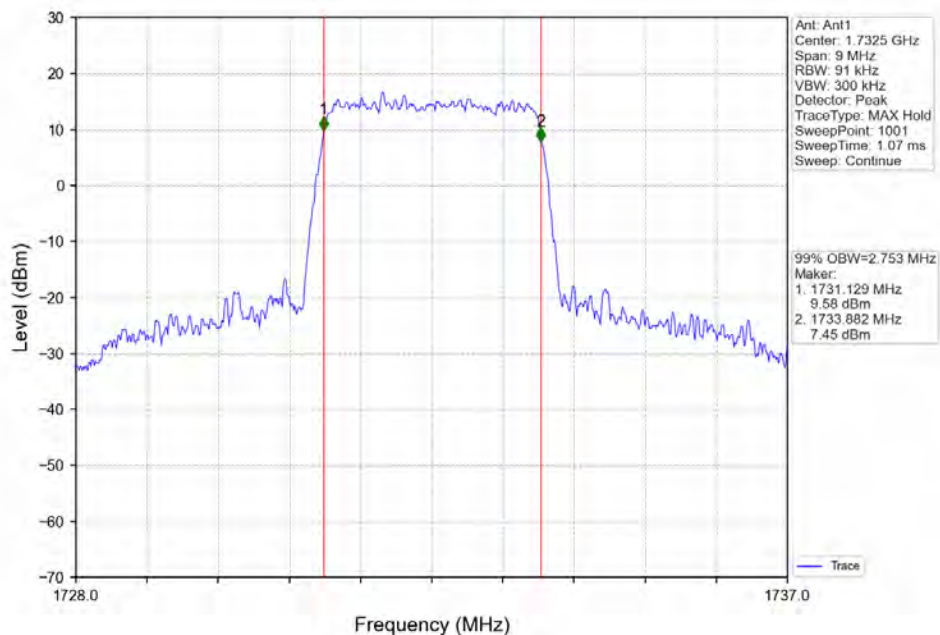




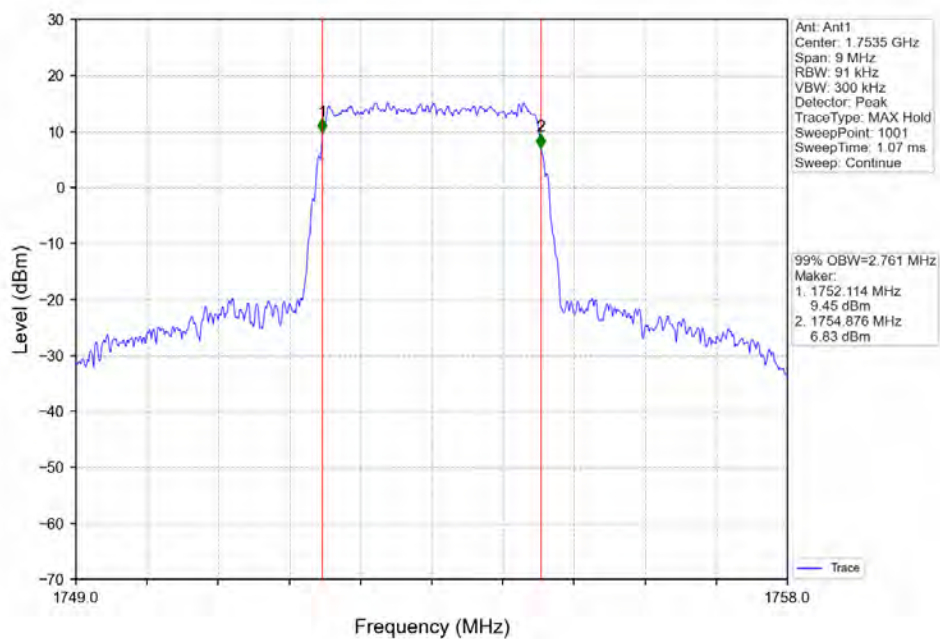
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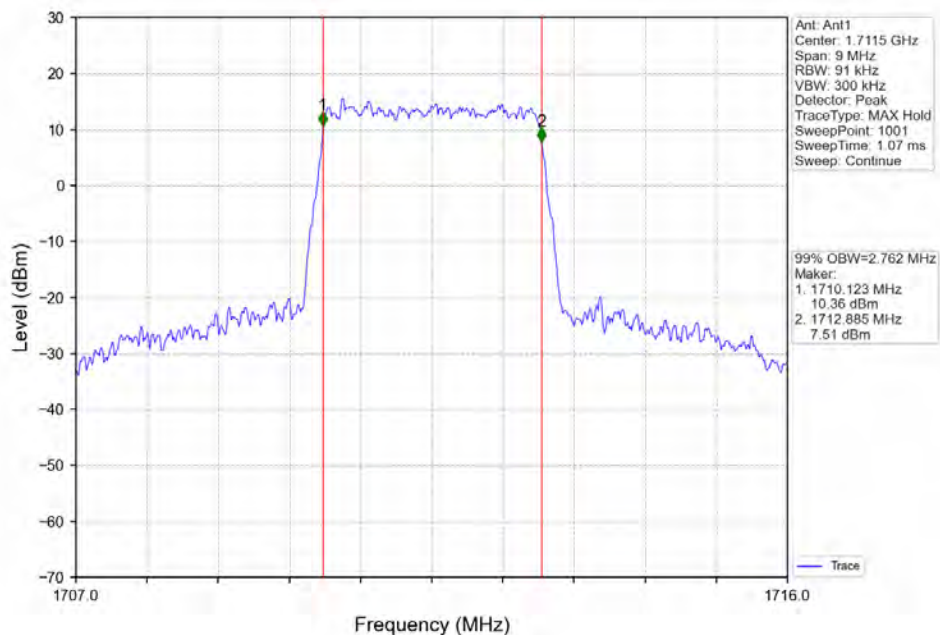
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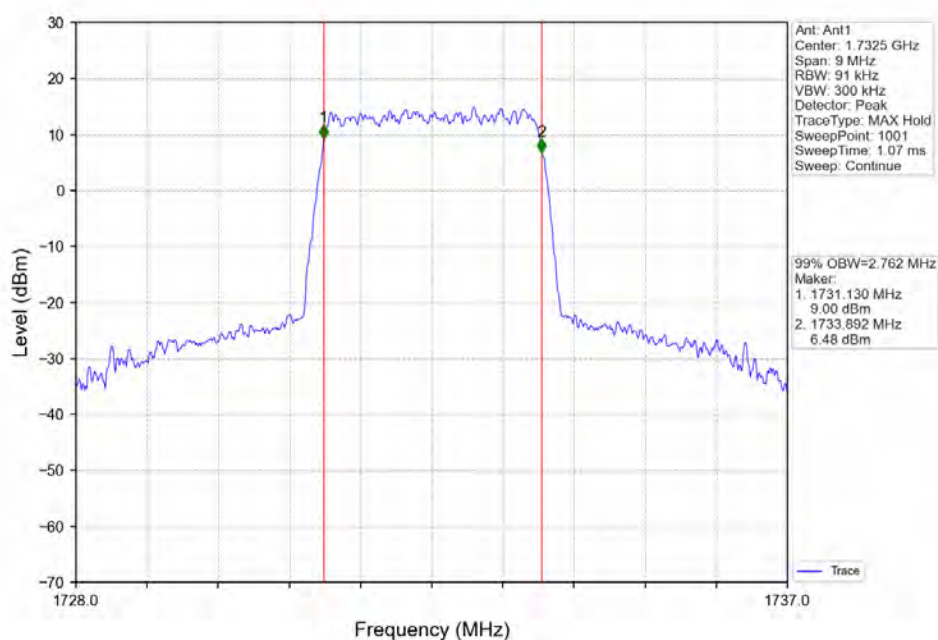
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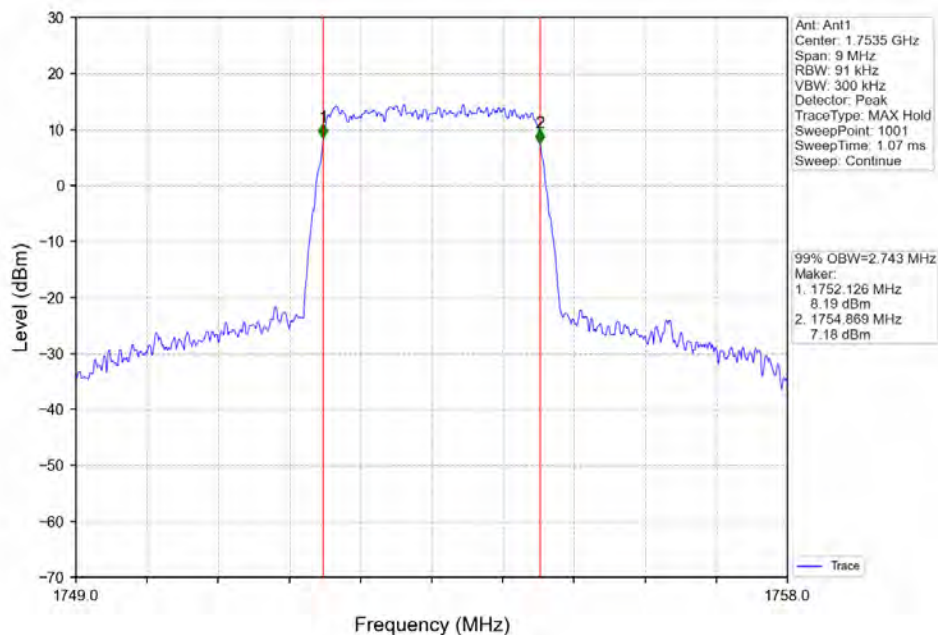
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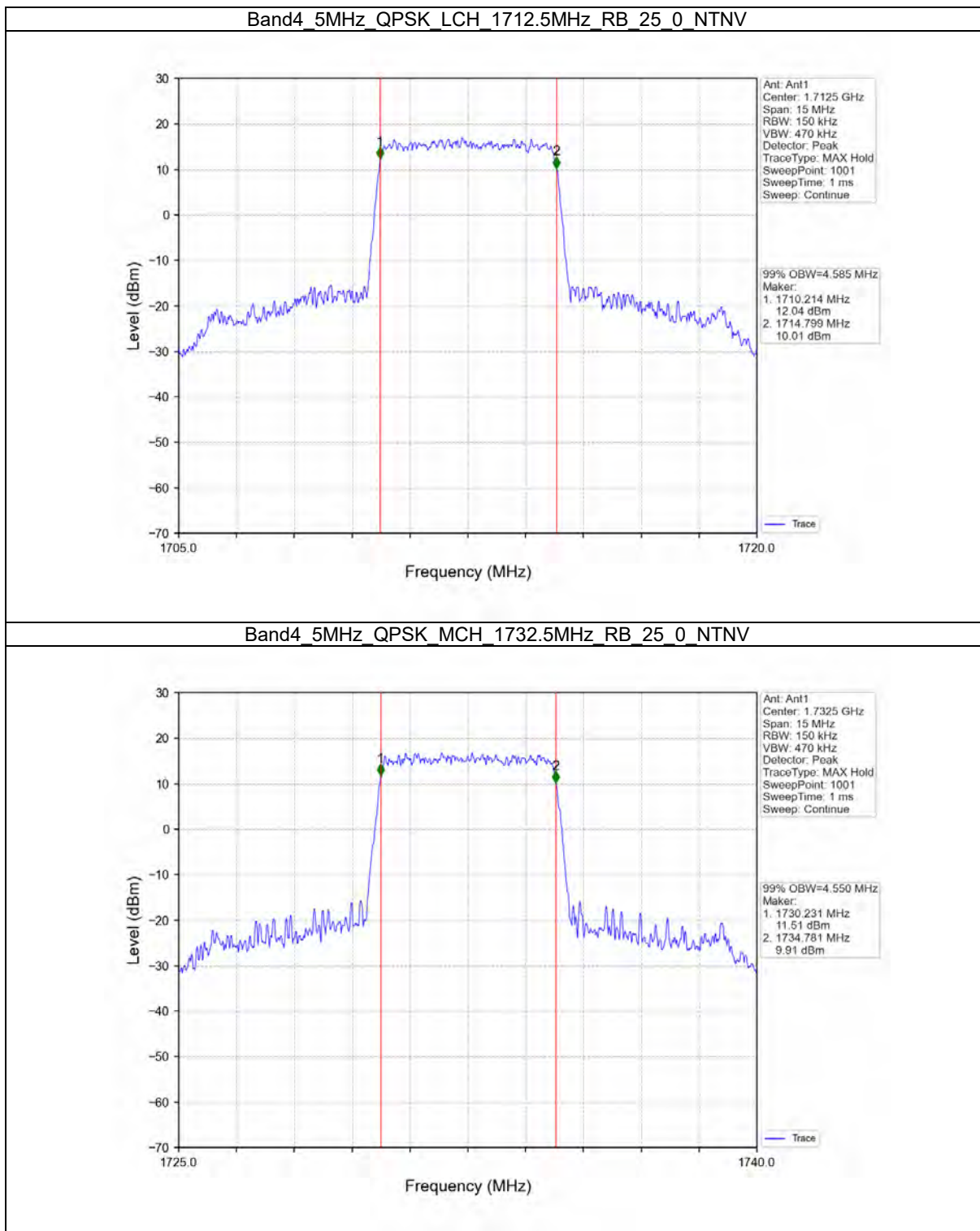


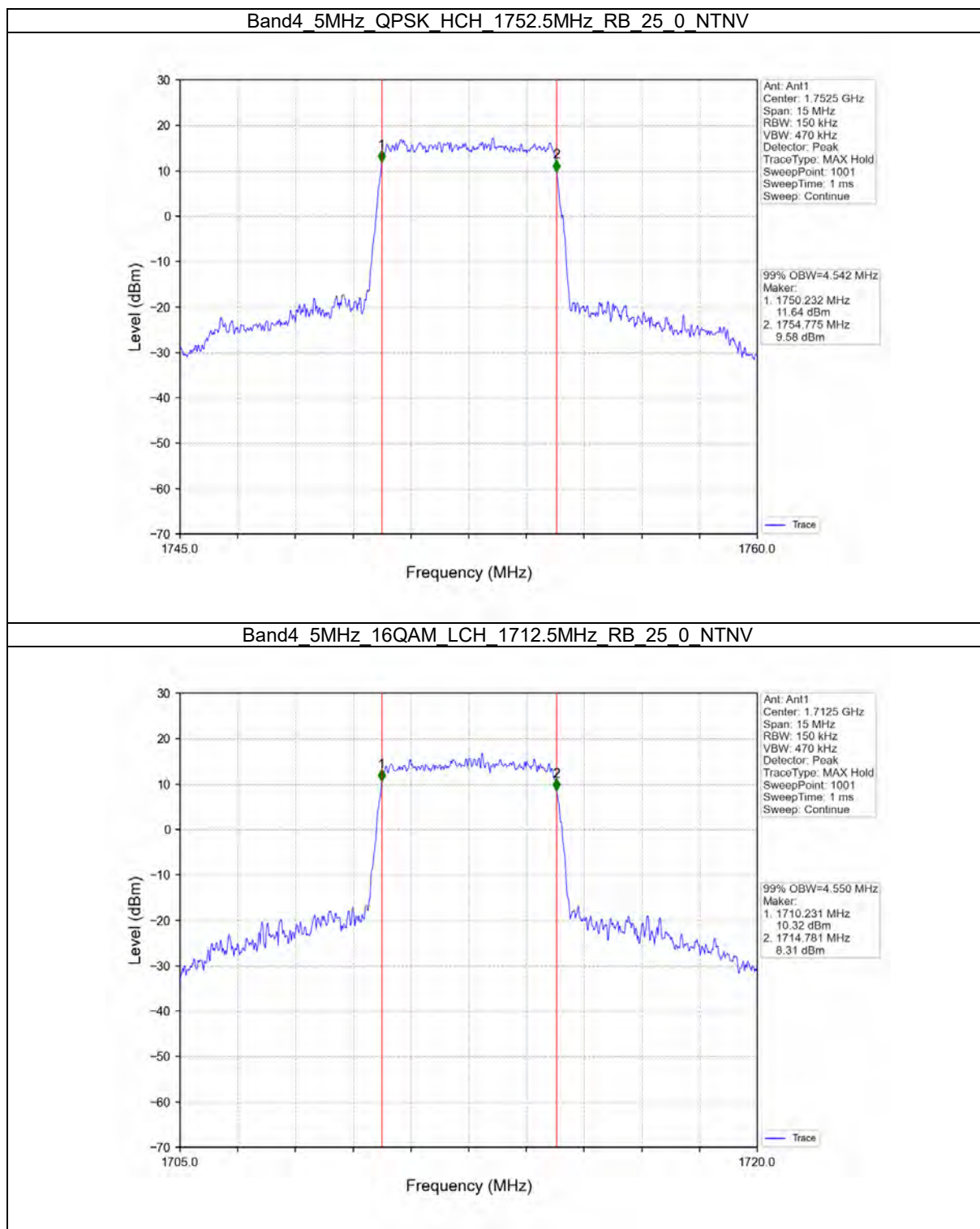
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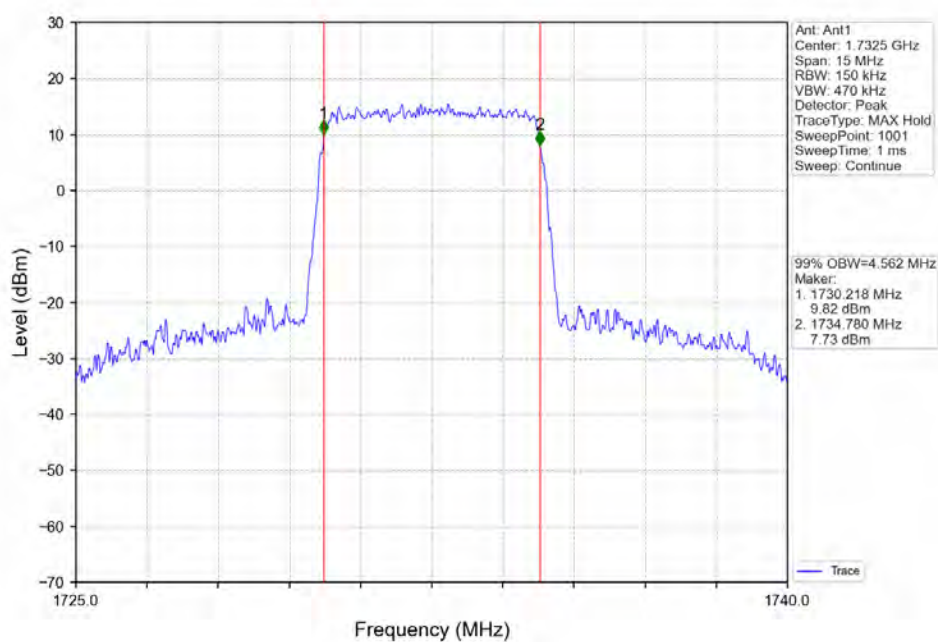
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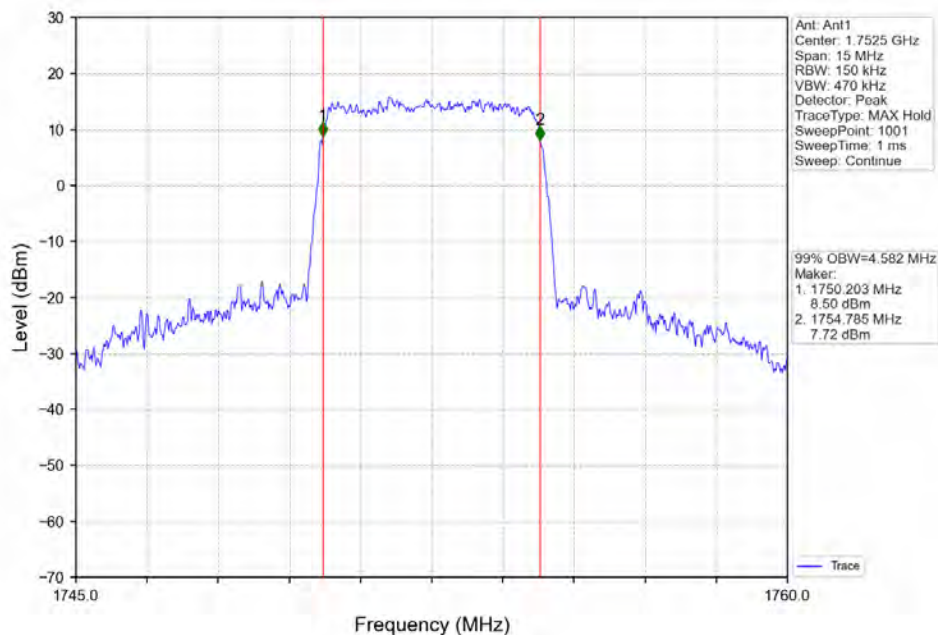




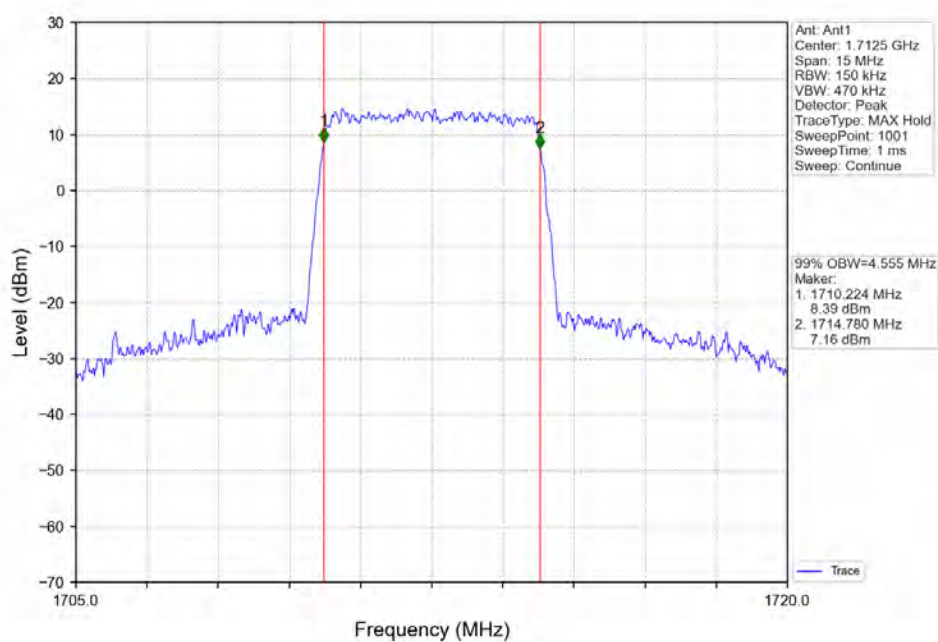
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



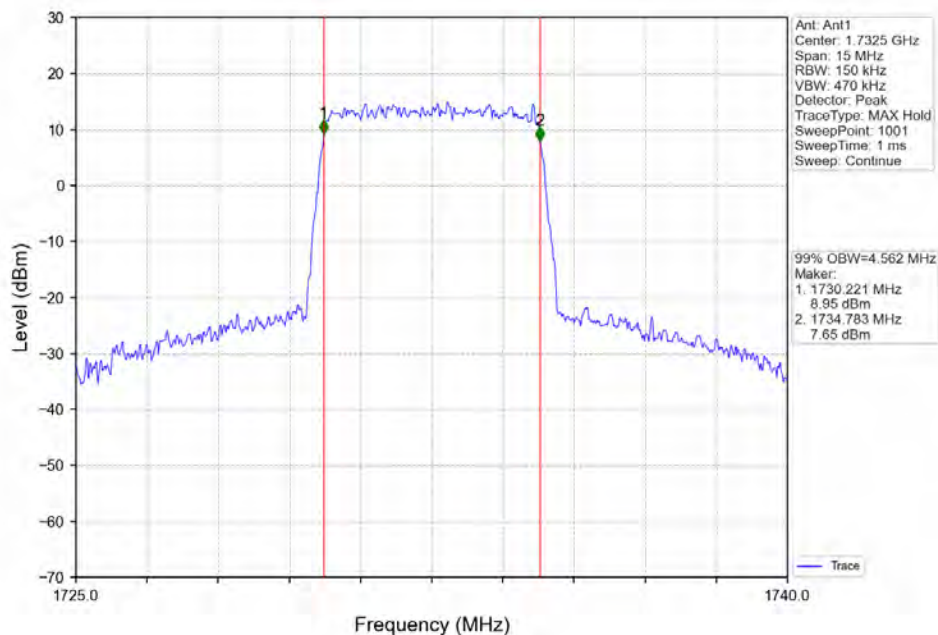
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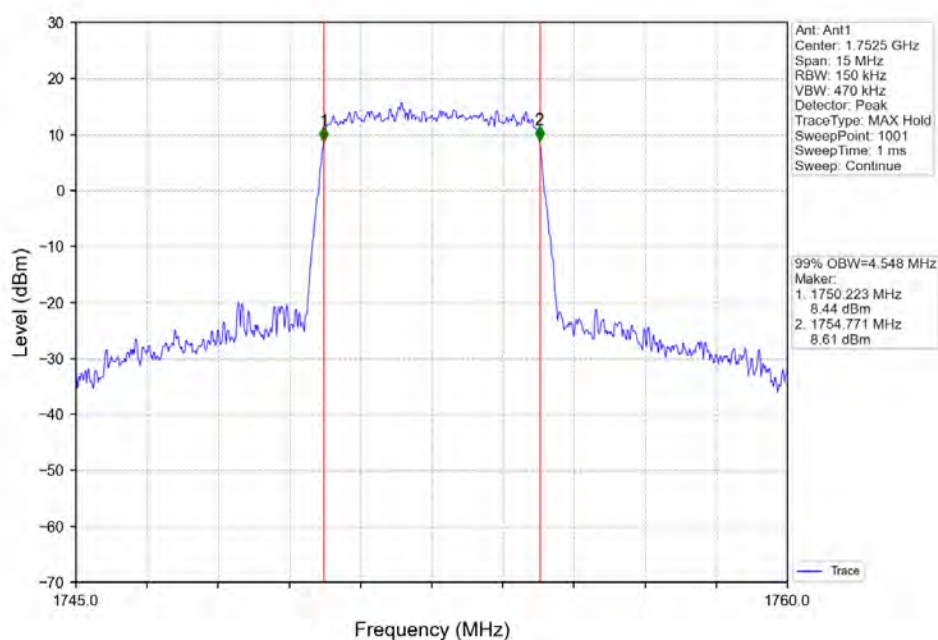
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



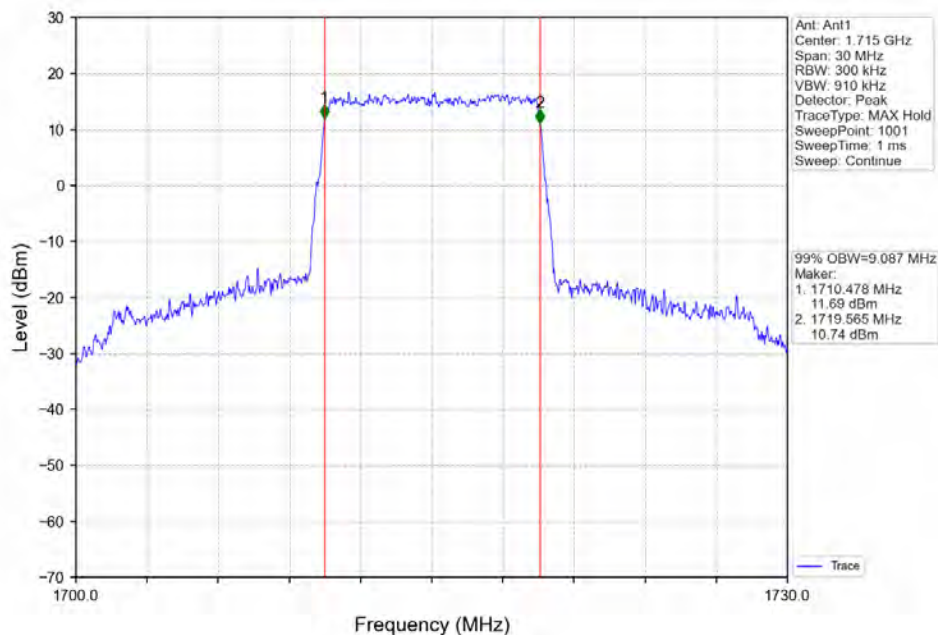
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



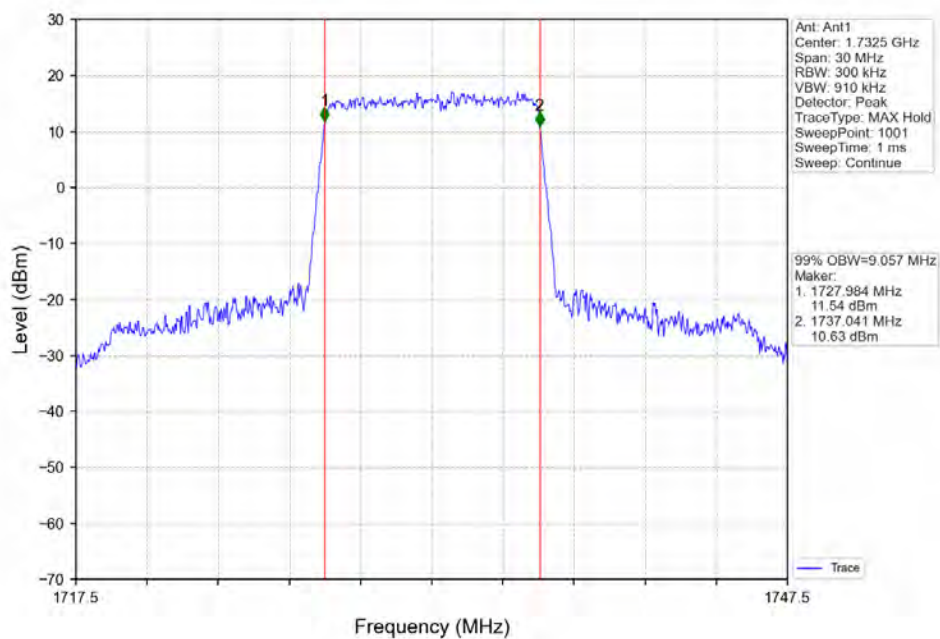
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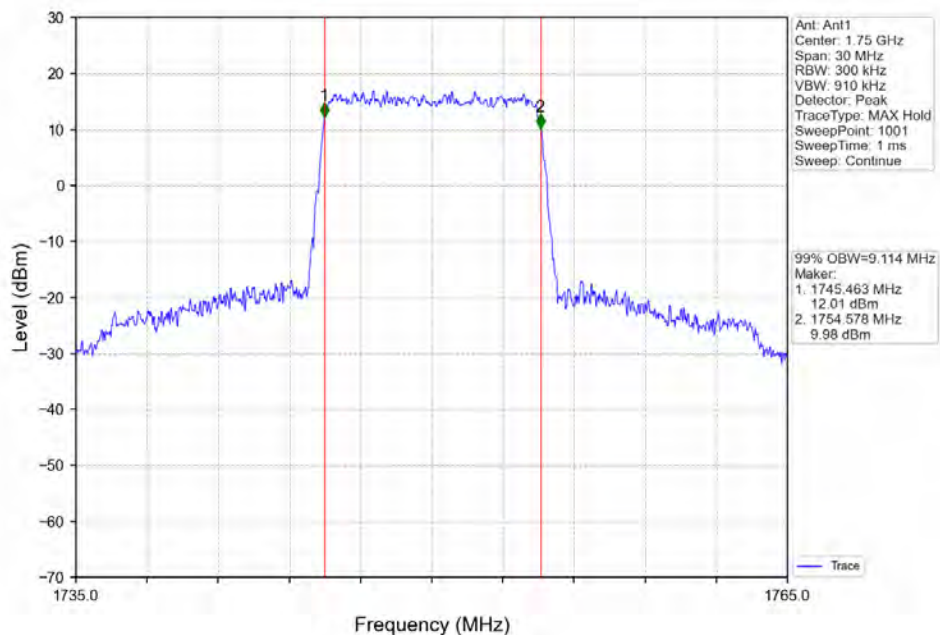
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

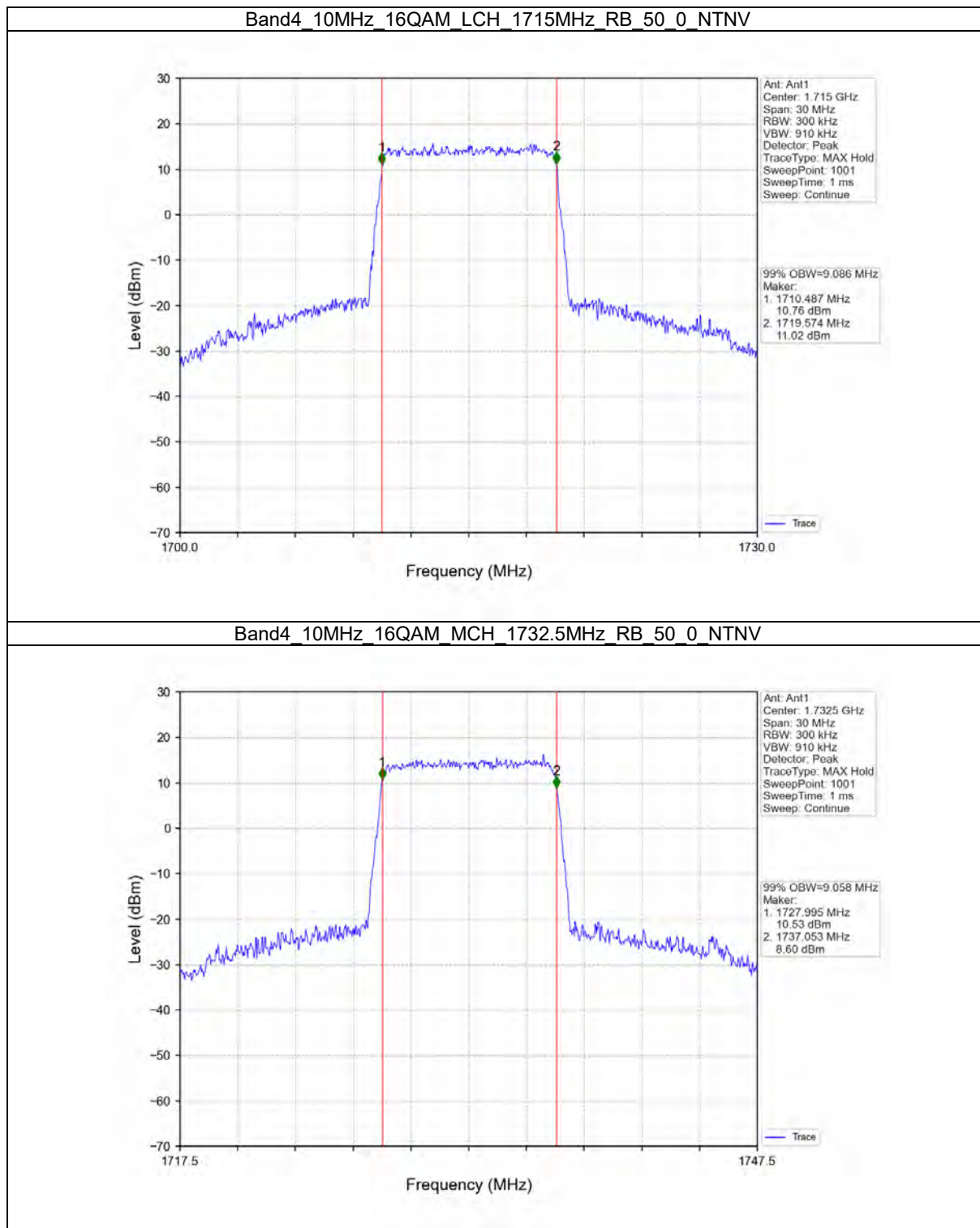


Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV

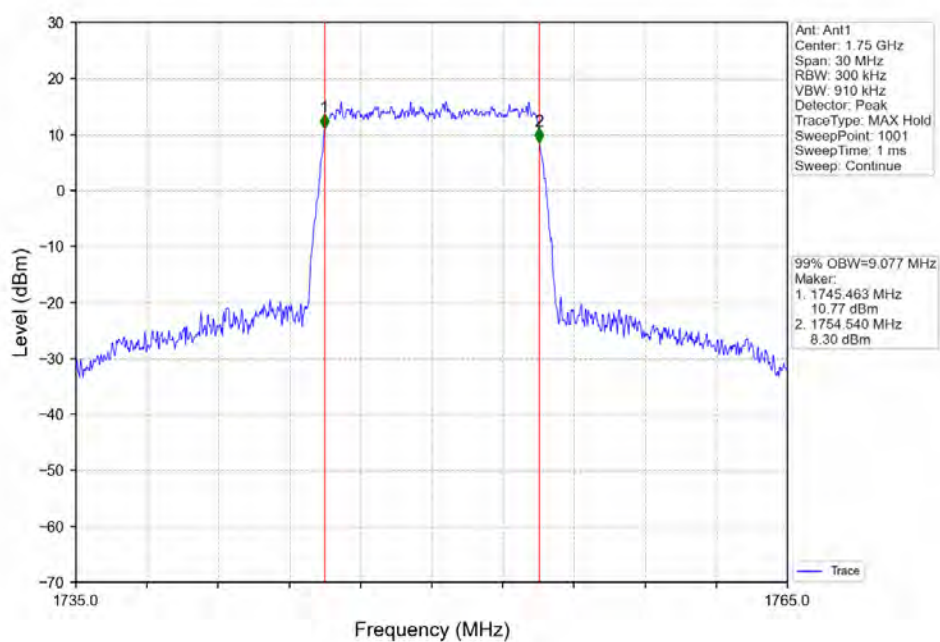


Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTV

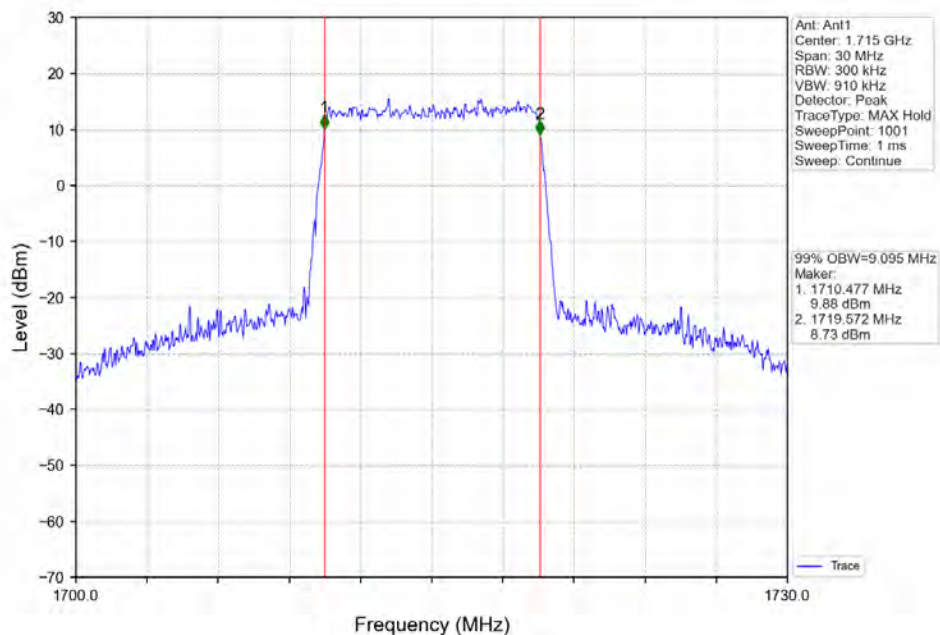




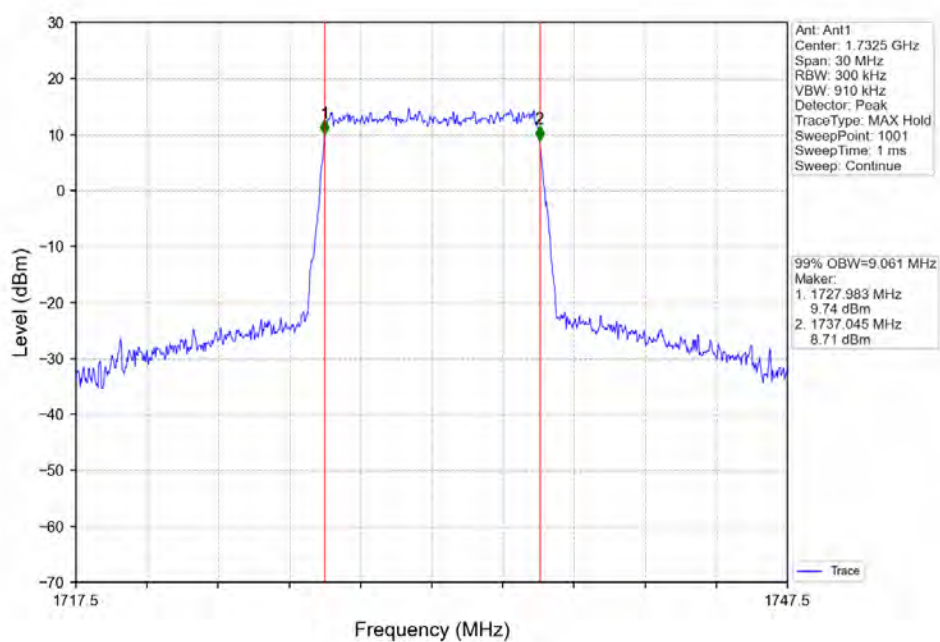
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



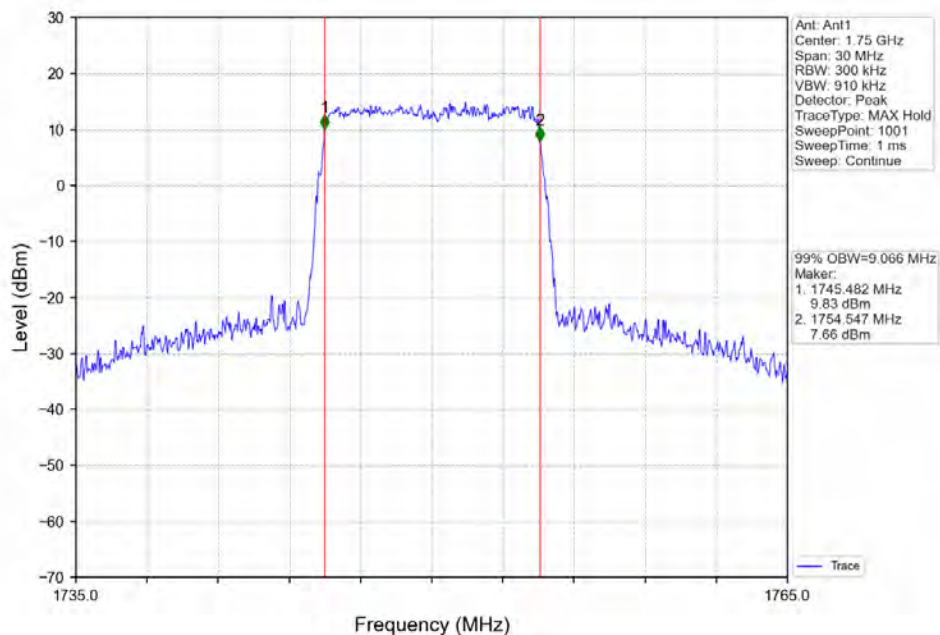
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



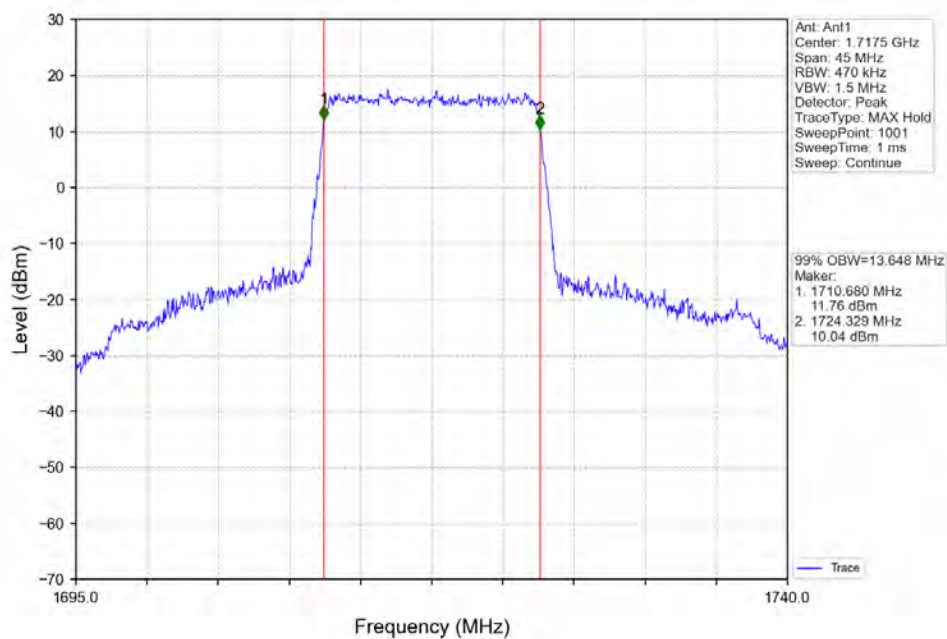
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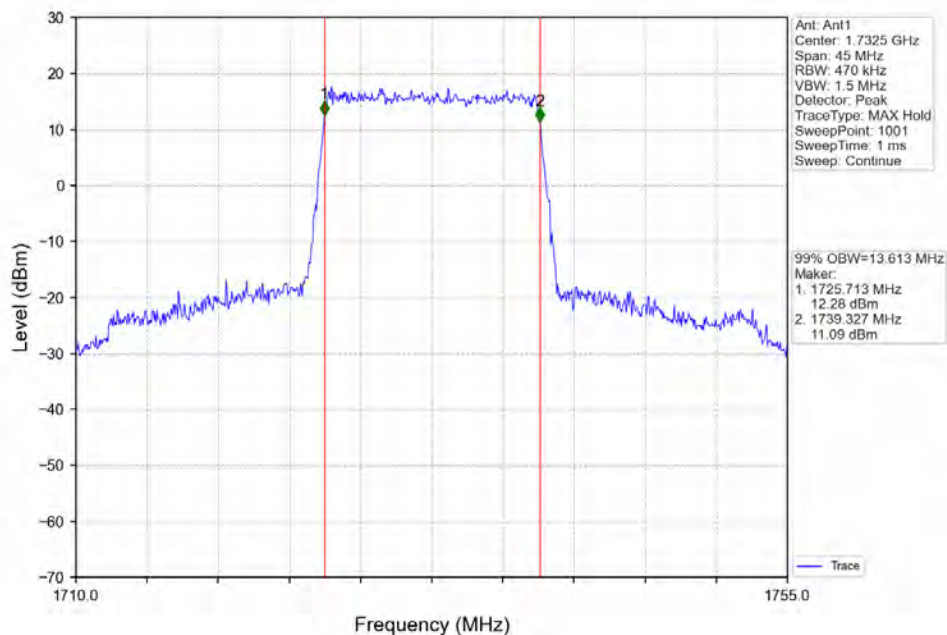
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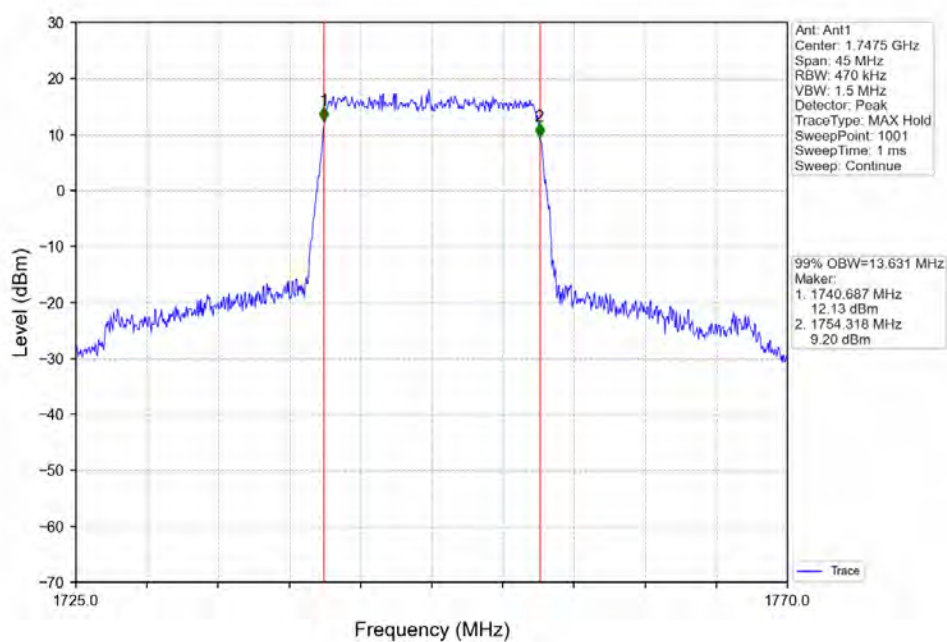
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



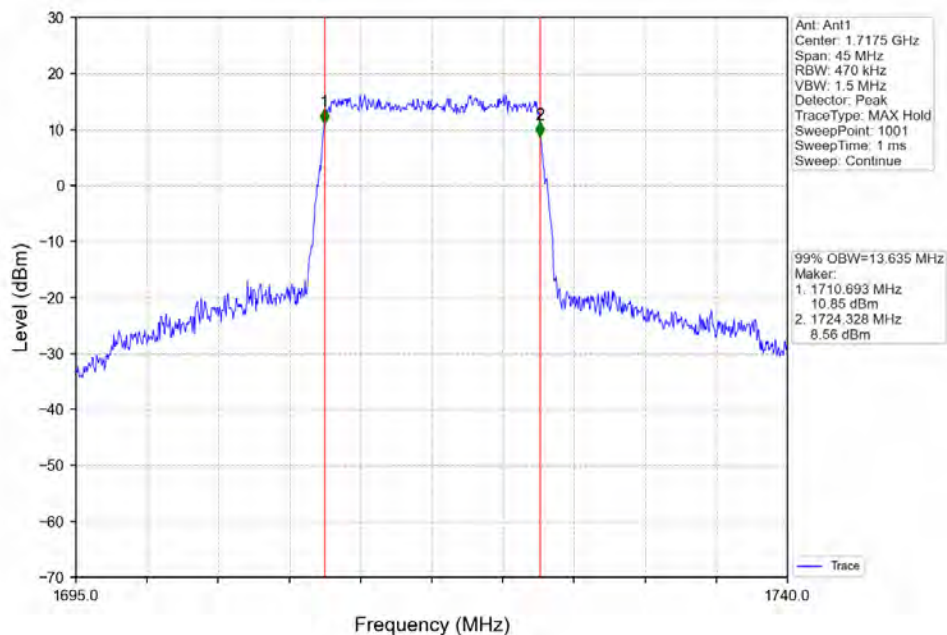
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



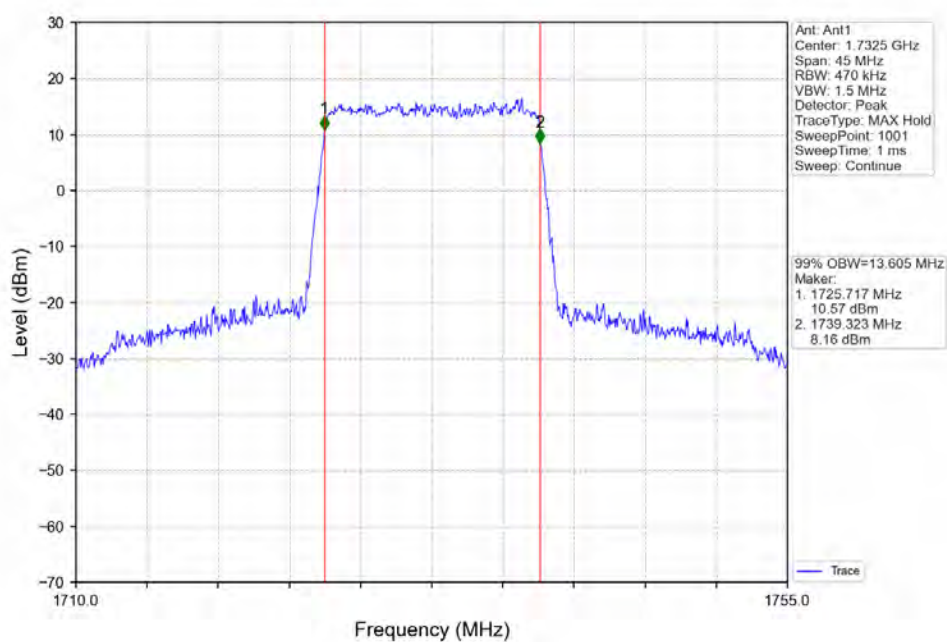
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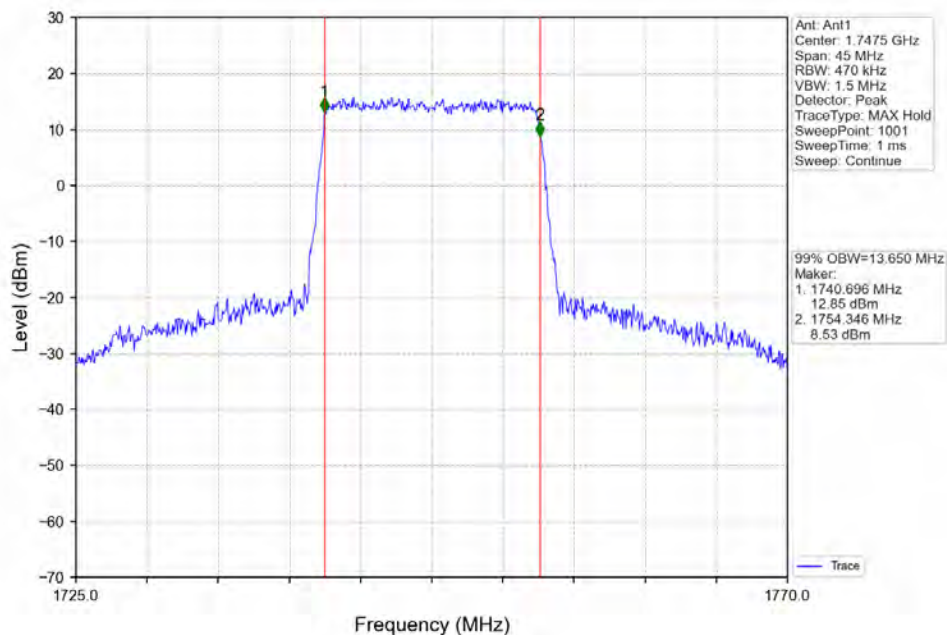
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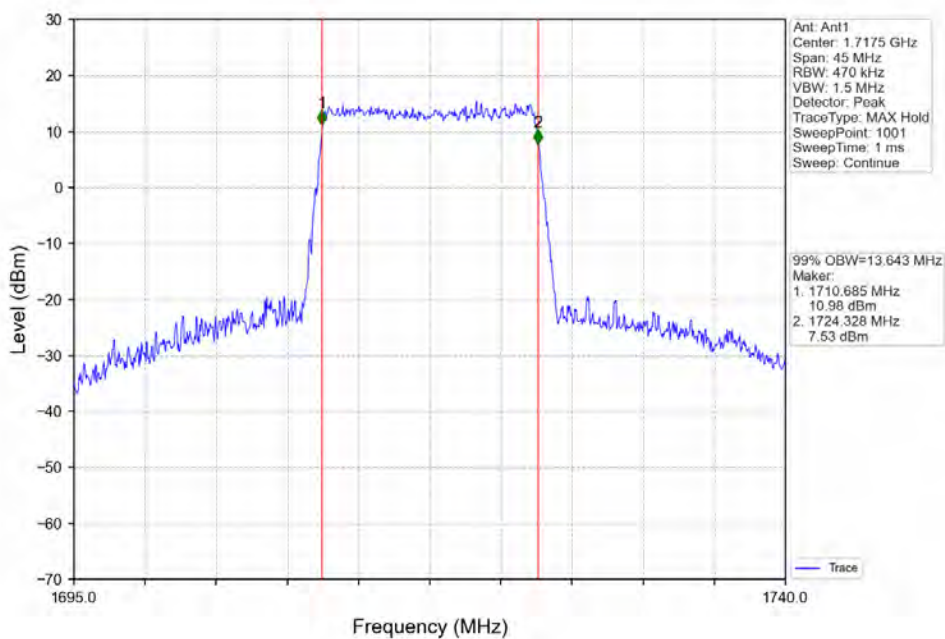
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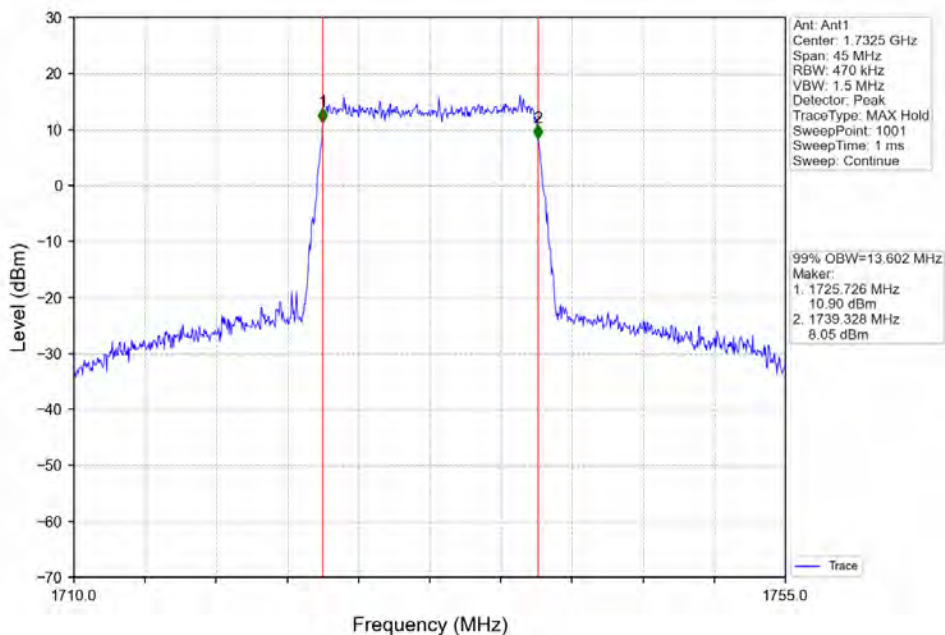
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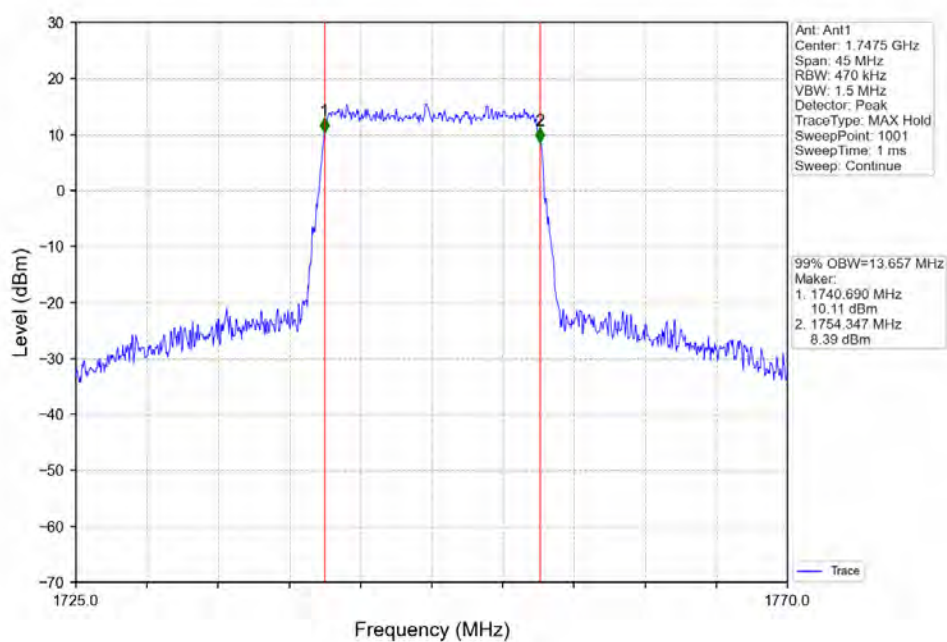
Band4 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTNV



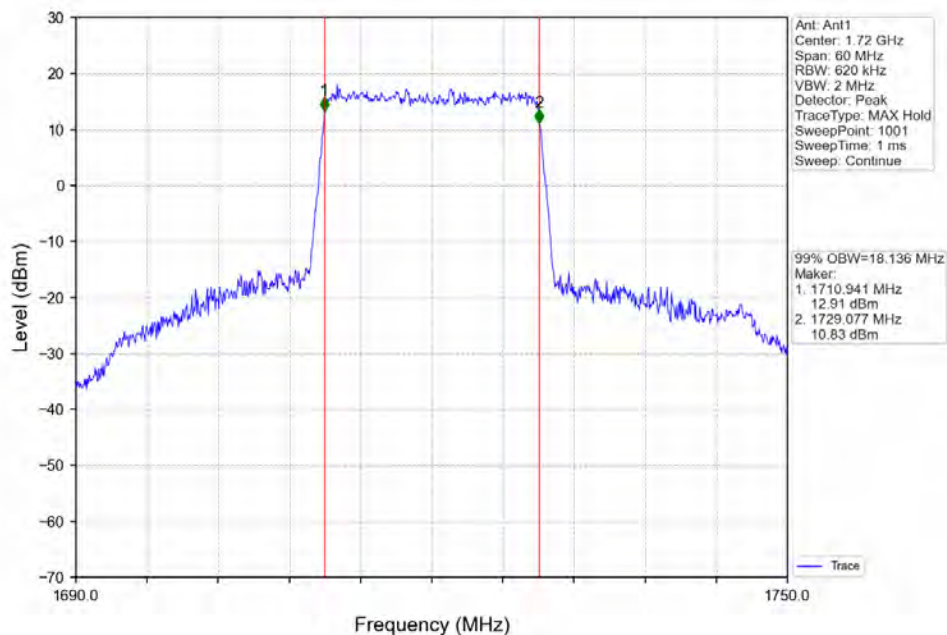
Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTNV



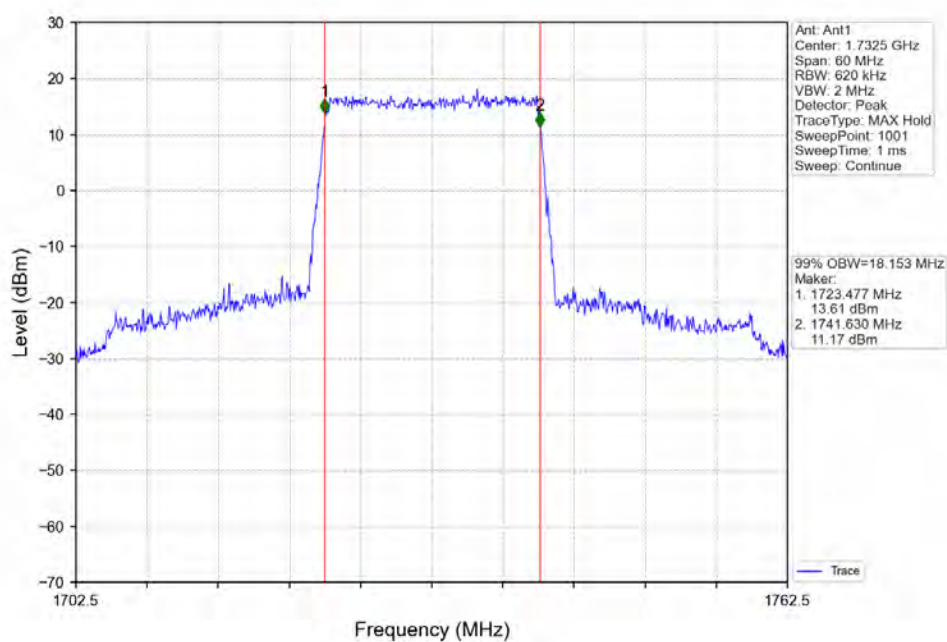
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



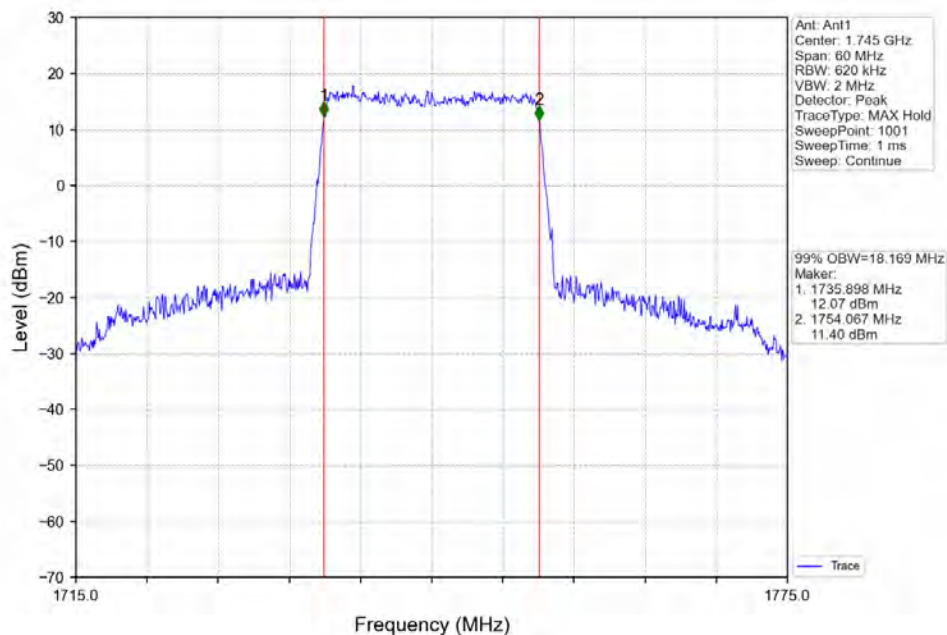
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



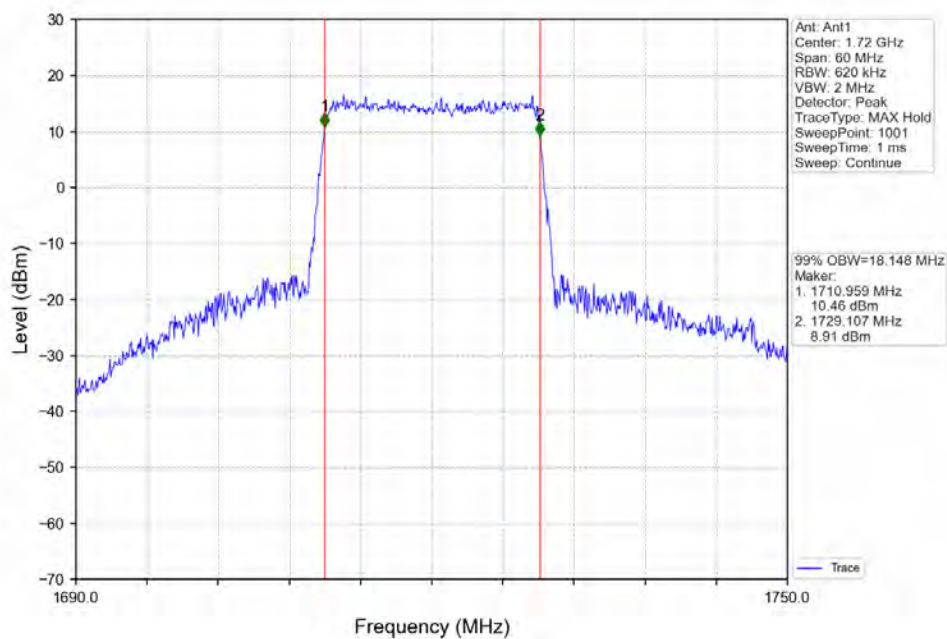
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



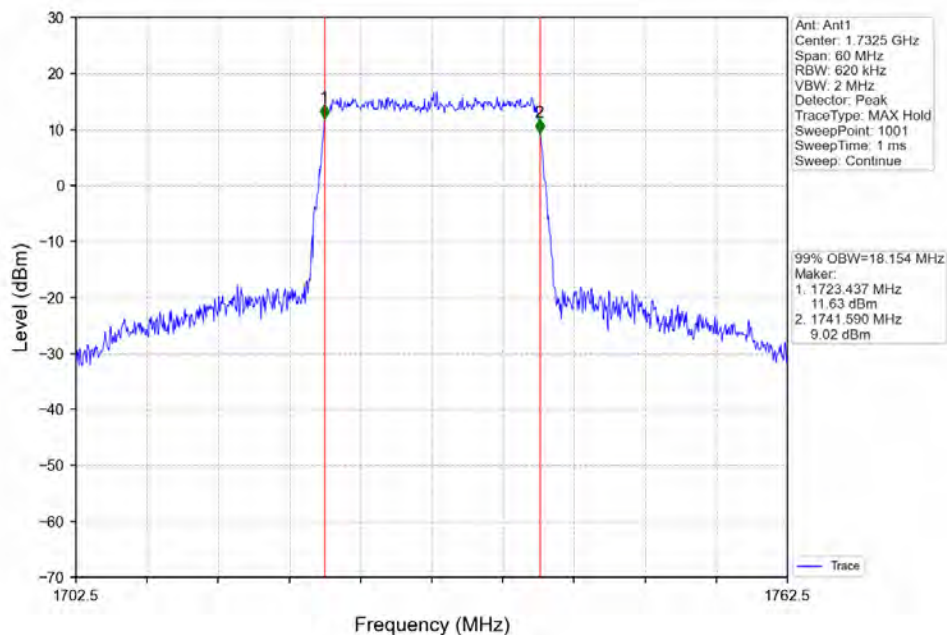
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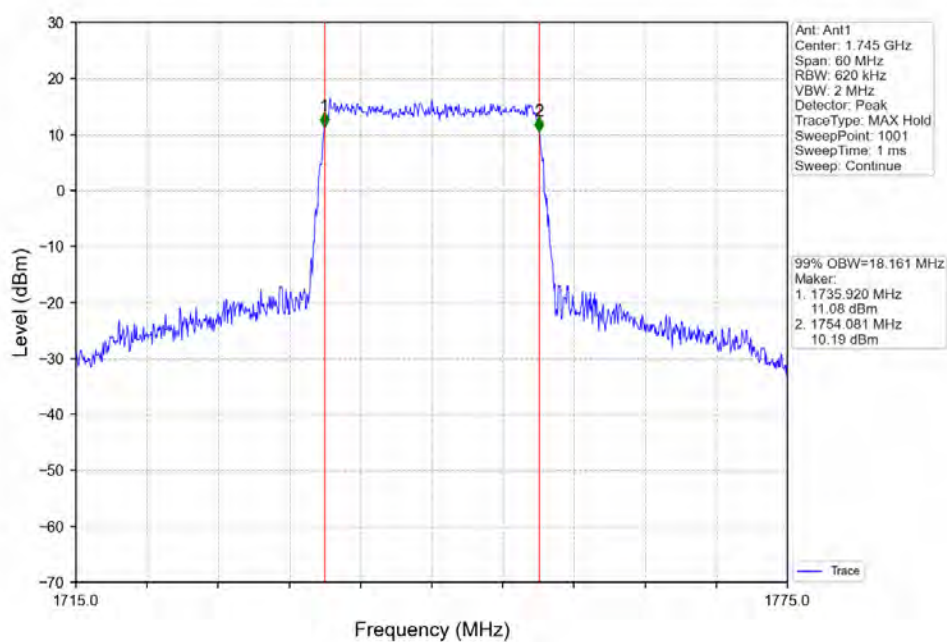
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



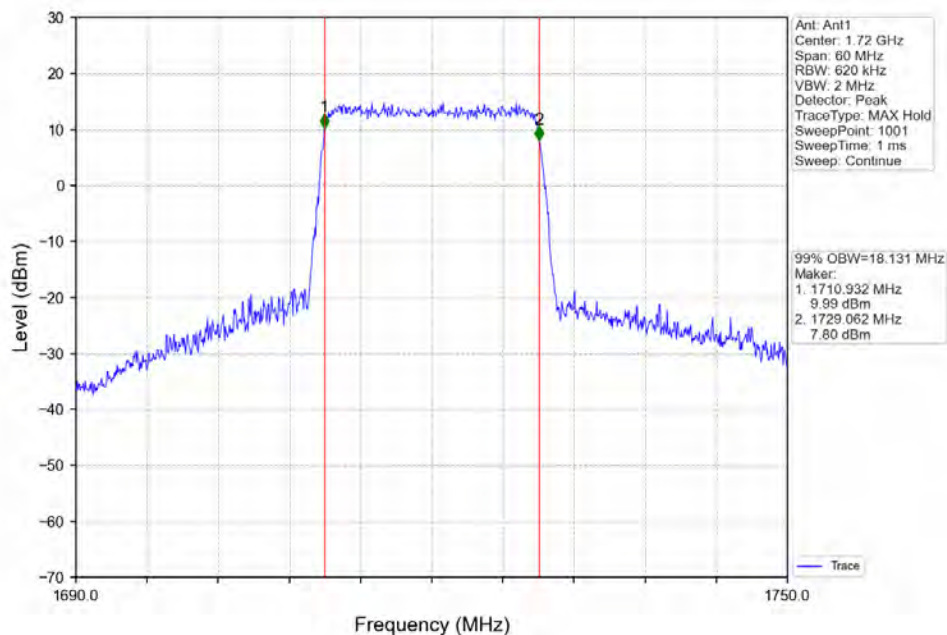
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



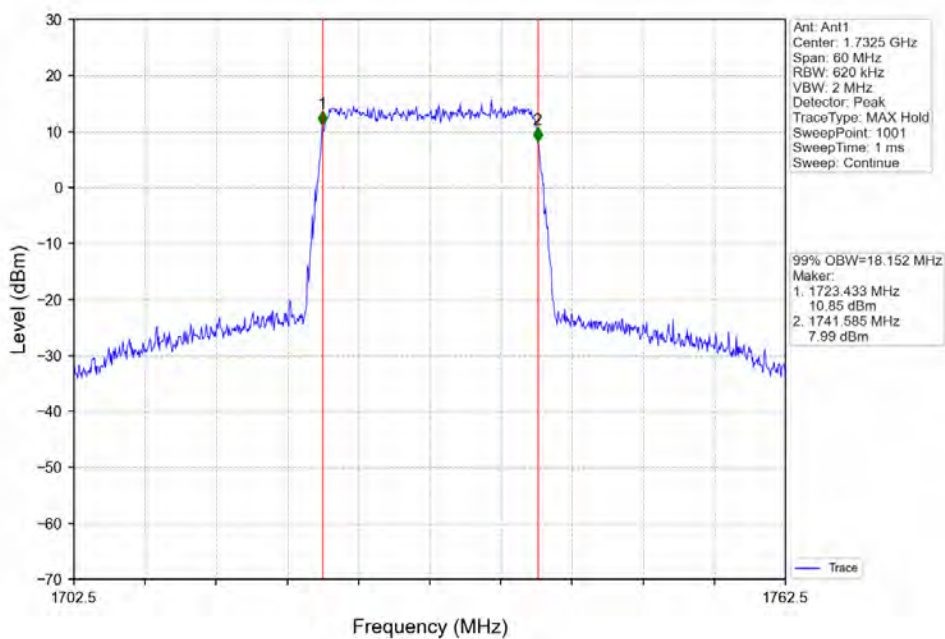
Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTN



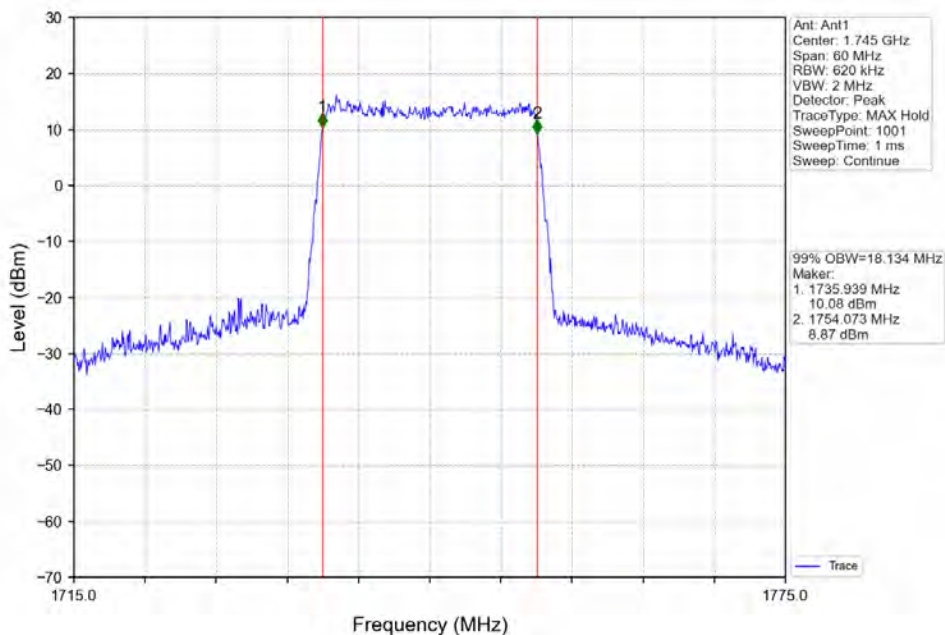
Band4 20MHz 64QAM LCH 1720MHz RB 100 0 NTN



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



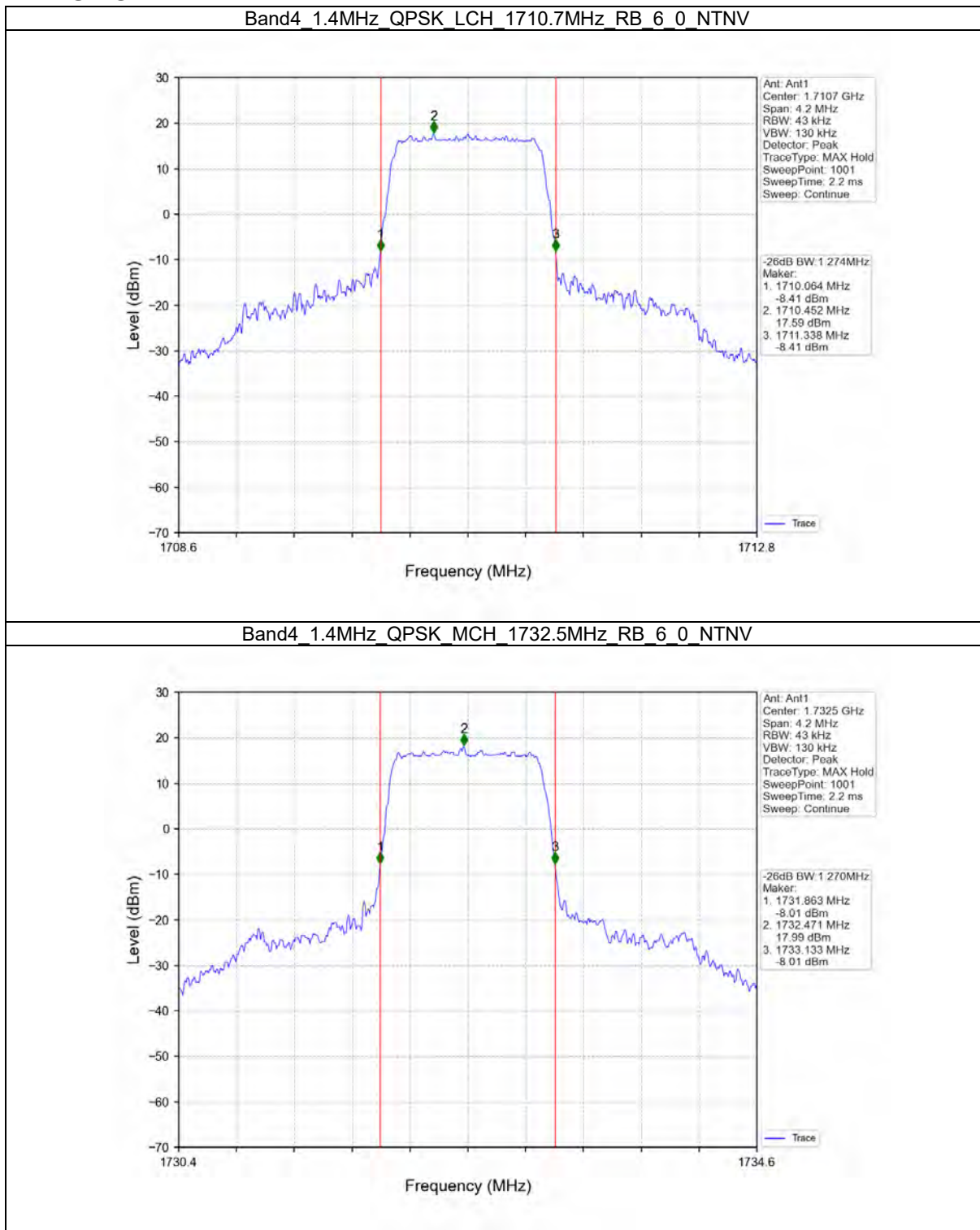
Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



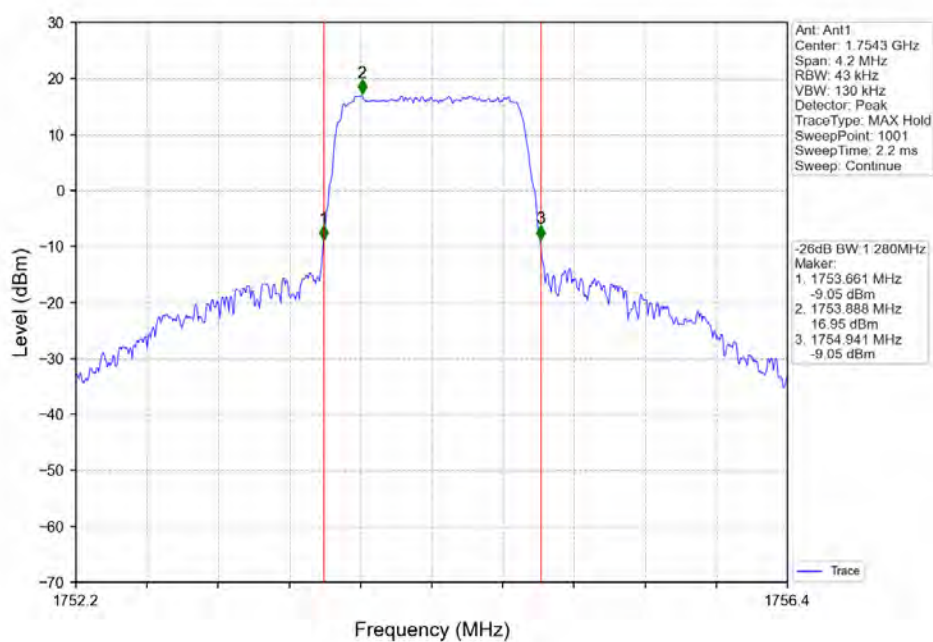
26DB_OBW TEST RESULT

Band: 4 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.274	Pass
		1732.5	6	0	1.270	Pass
		1754.3	6	0	1.280	Pass
	16QAM	1710.7	6	0	1.272	Pass
		1732.5	6	0	1.263	Pass
		1754.3	6	0	1.275	Pass
	64QAM	1710.7	6	0	1.276	Pass
		1732.5	6	0	1.272	Pass
		1754.3	6	0	1.268	Pass
3	QPSK	1711.5	15	0	3.103	Pass
		1732.5	15	0	3.123	Pass
		1753.5	15	0	3.090	Pass
	16QAM	1711.5	15	0	3.120	Pass
		1732.5	15	0	3.085	Pass
		1753.5	15	0	3.127	Pass
	64QAM	1711.5	15	0	3.105	Pass
		1732.5	15	0	3.095	Pass
		1753.5	15	0	3.116	Pass
5	QPSK	1712.5	25	0	5.053	Pass
		1732.5	25	0	5.068	Pass
		1752.5	25	0	5.044	Pass
	16QAM	1712.5	25	0	5.049	Pass
		1732.5	25	0	5.059	Pass
		1752.5	25	0	5.068	Pass
	64QAM	1712.5	25	0	5.075	Pass
		1732.5	25	0	5.084	Pass
		1752.5	25	0	5.044	Pass
10	QPSK	1715	50	0	10.101	Pass
		1732.5	50	0	10.086	Pass
		1750	50	0	10.007	Pass
	16QAM	1715	50	0	10.094	Pass
		1732.5	50	0	10.048	Pass
		1750	50	0	10.122	Pass
	64QAM	1715	50	0	10.068	Pass
		1732.5	50	0	9.990	Pass
		1750	50	0	10.041	Pass
15	QPSK	1717.5	75	0	15.210	Pass
		1732.5	75	0	15.012	Pass
		1747.5	75	0	15.095	Pass
	16QAM	1717.5	75	0	15.163	Pass
		1732.5	75	0	15.203	Pass
		1747.5	75	0	15.080	Pass
	64QAM	1717.5	75	0	15.275	Pass
		1732.5	75	0	15.023	Pass
		1747.5	75	0	15.191	Pass
20	QPSK	1720	100	0	19.902	Pass
		1732.5	100	0	19.999	Pass
		1745	100	0	20.187	Pass
	16QAM	1720	100	0	20.010	Pass
		1732.5	100	0	20.120	Pass
		1745	100	0	19.928	Pass
	64QAM	1720	100	0	20.014	Pass
		1732.5	100	0	20.023	Pass
		1745	100	0	19.855	Pass

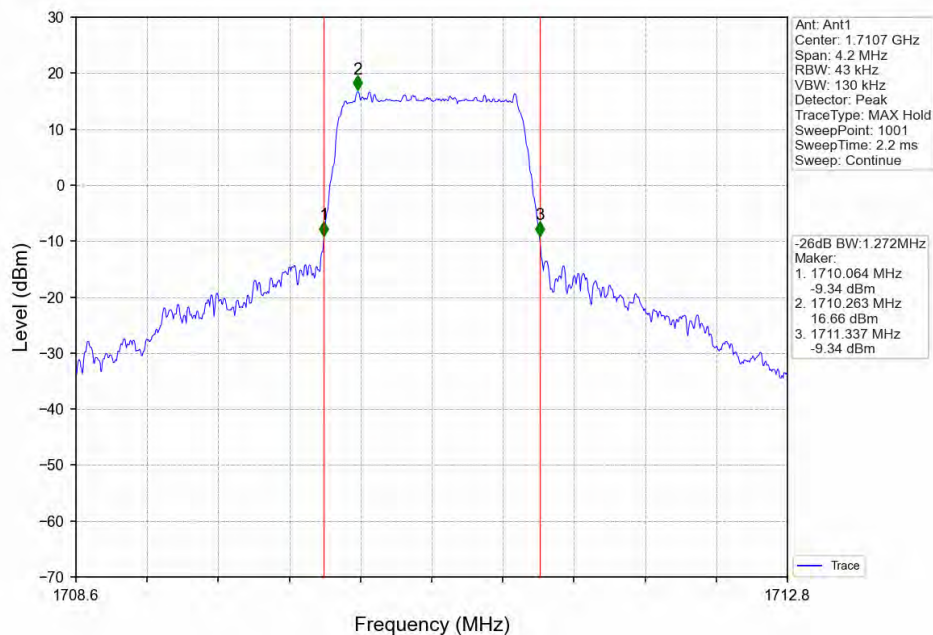
TEST GRAPH



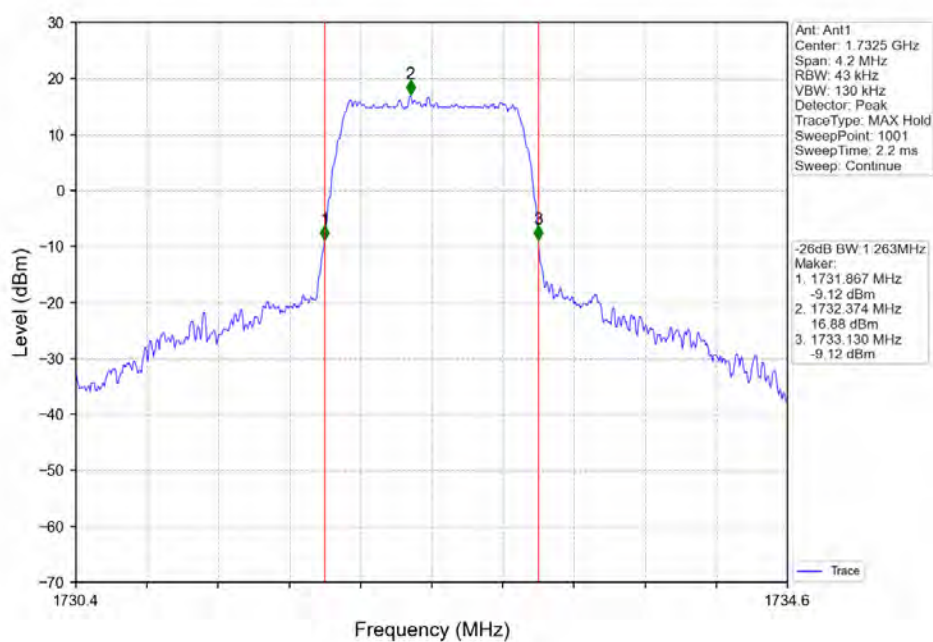
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



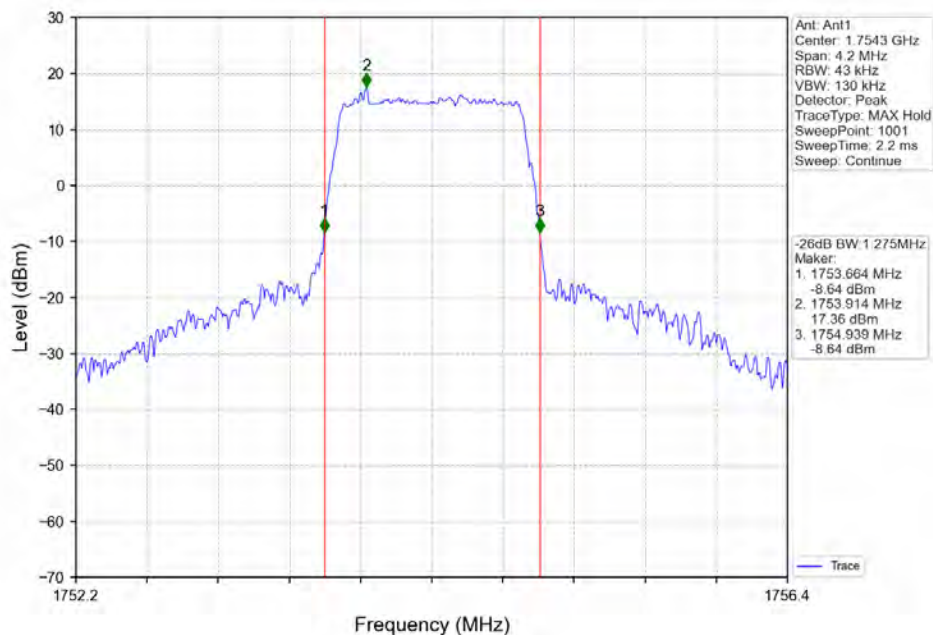
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



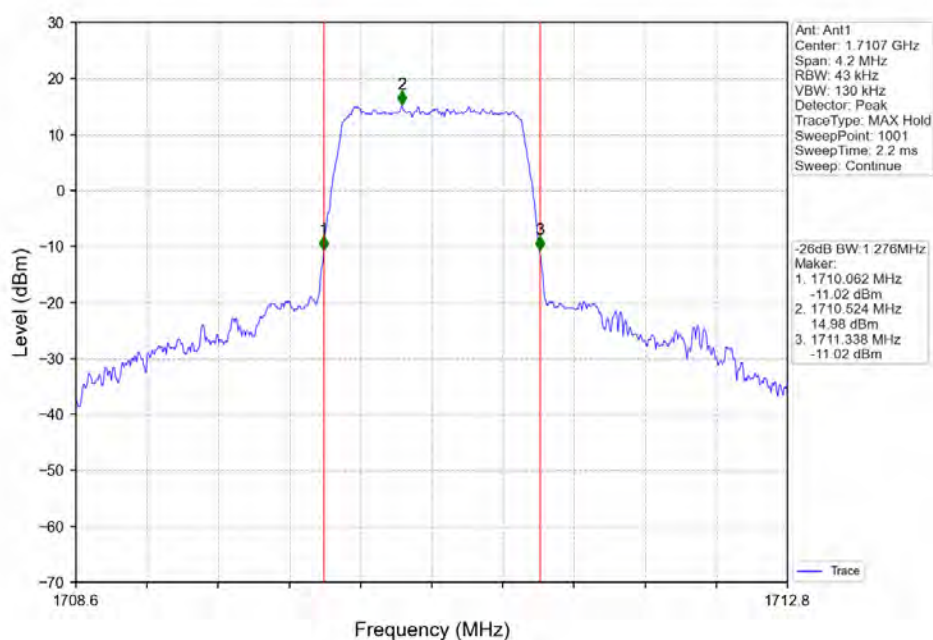
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTV



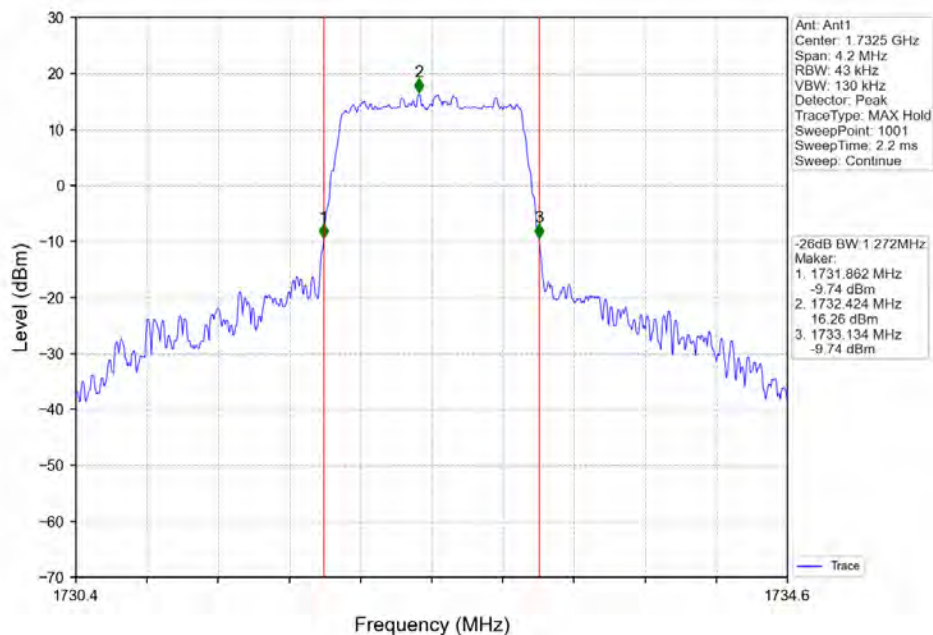
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTV



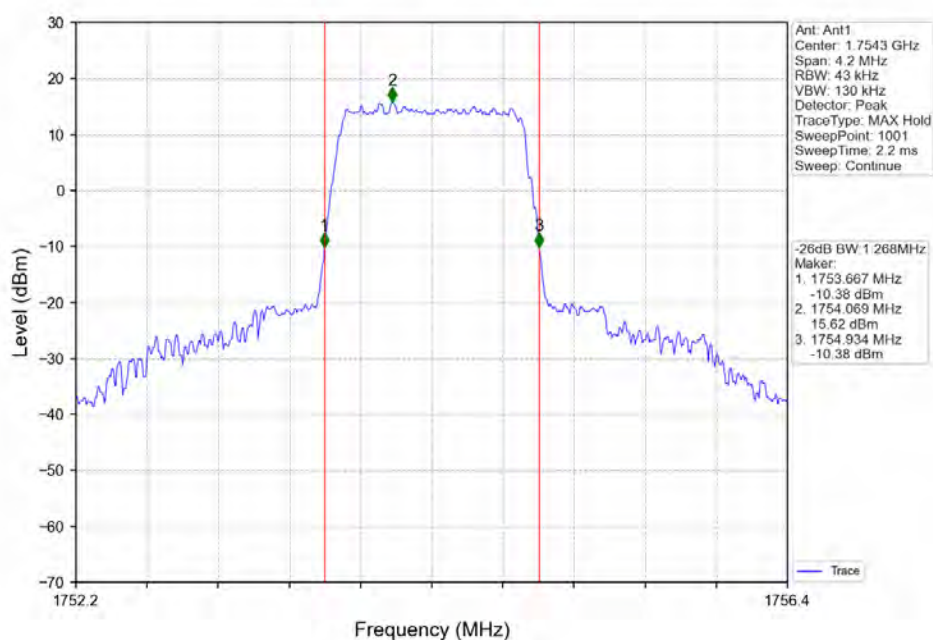
Band4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



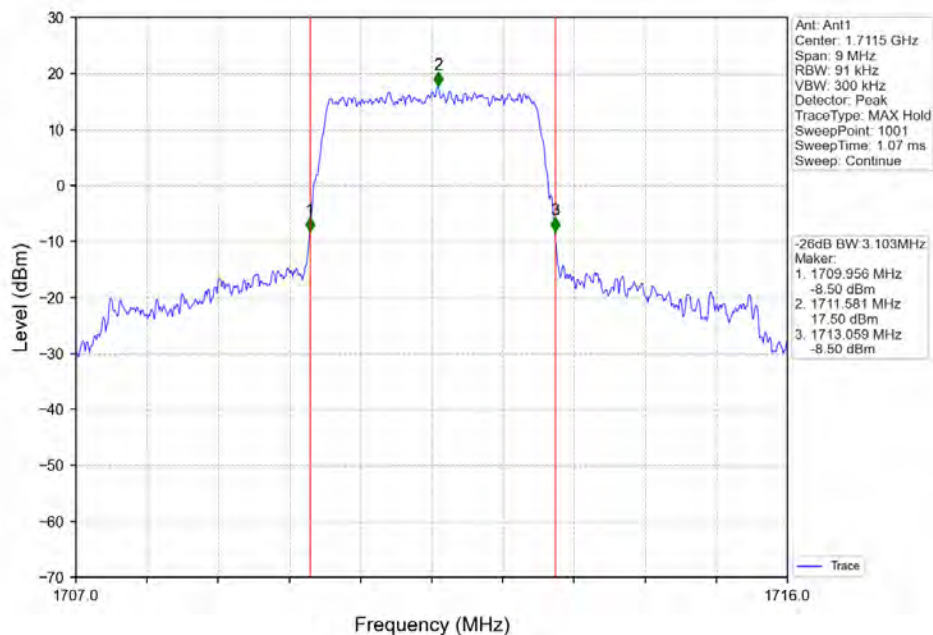
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV



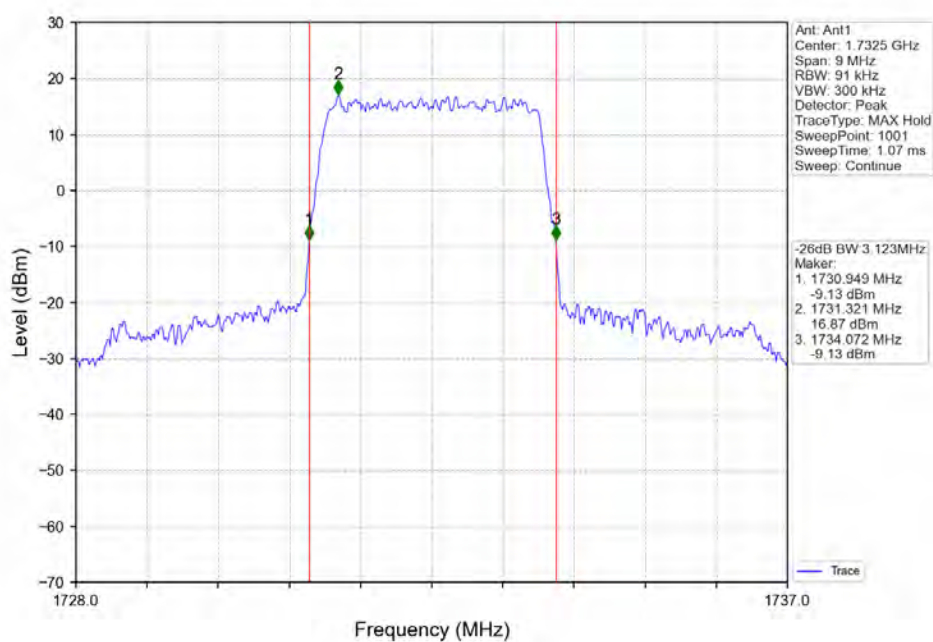
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



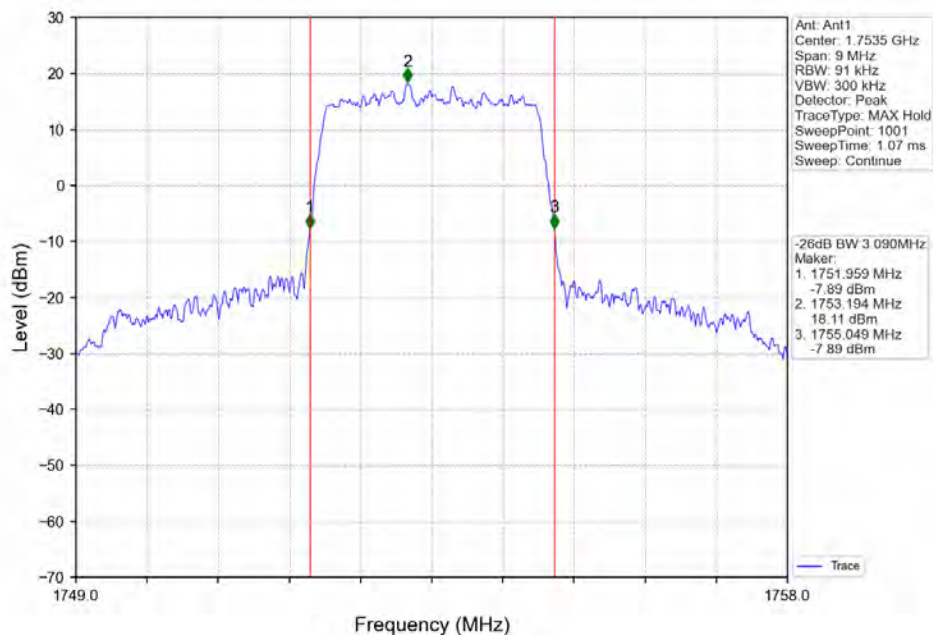
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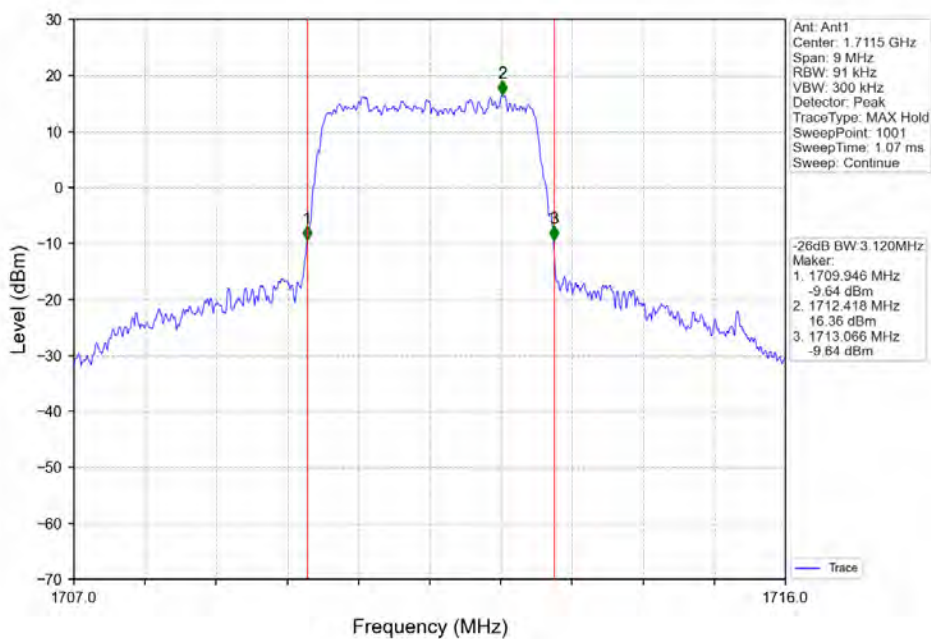
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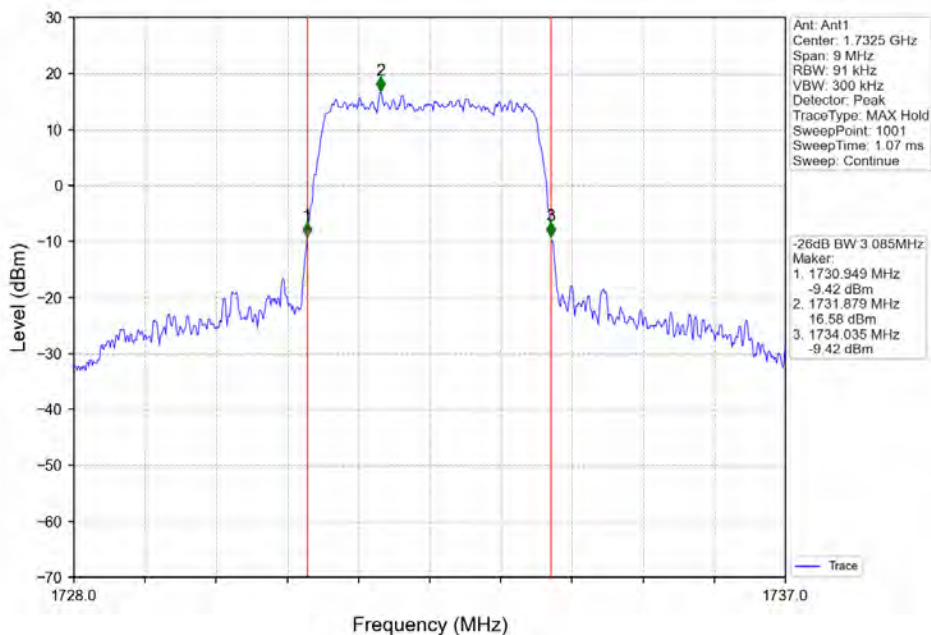
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



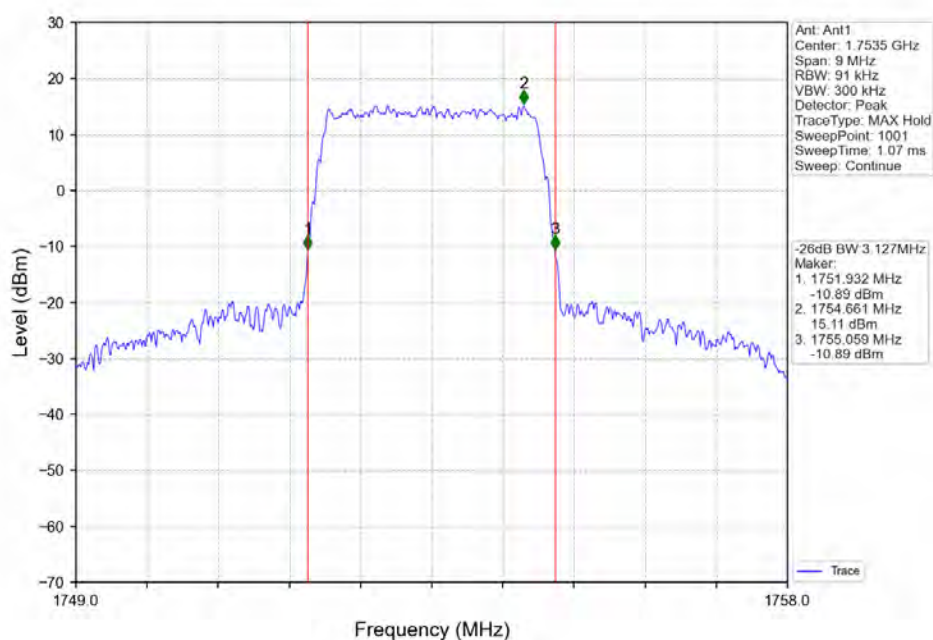
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



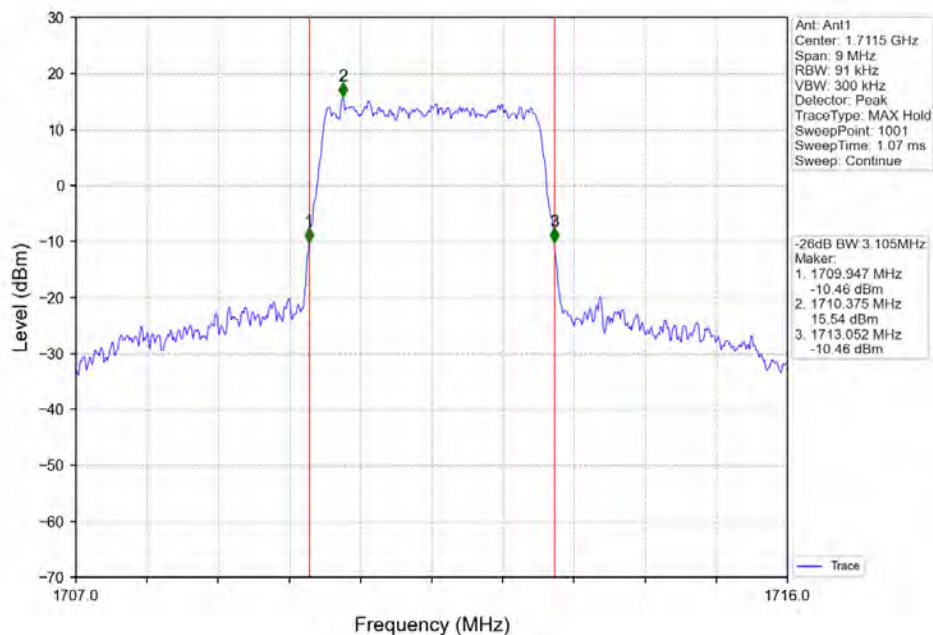
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



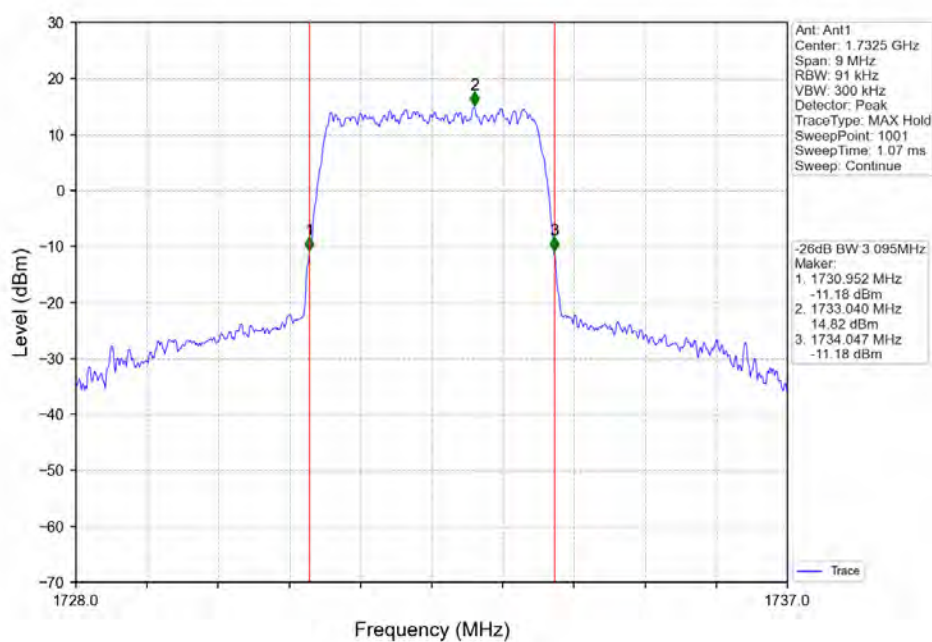
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



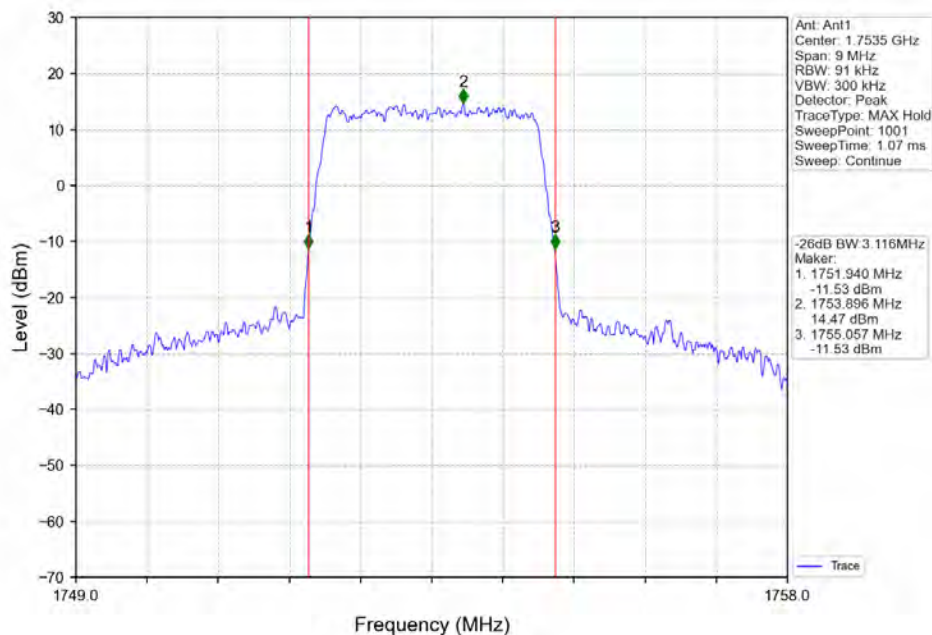
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV

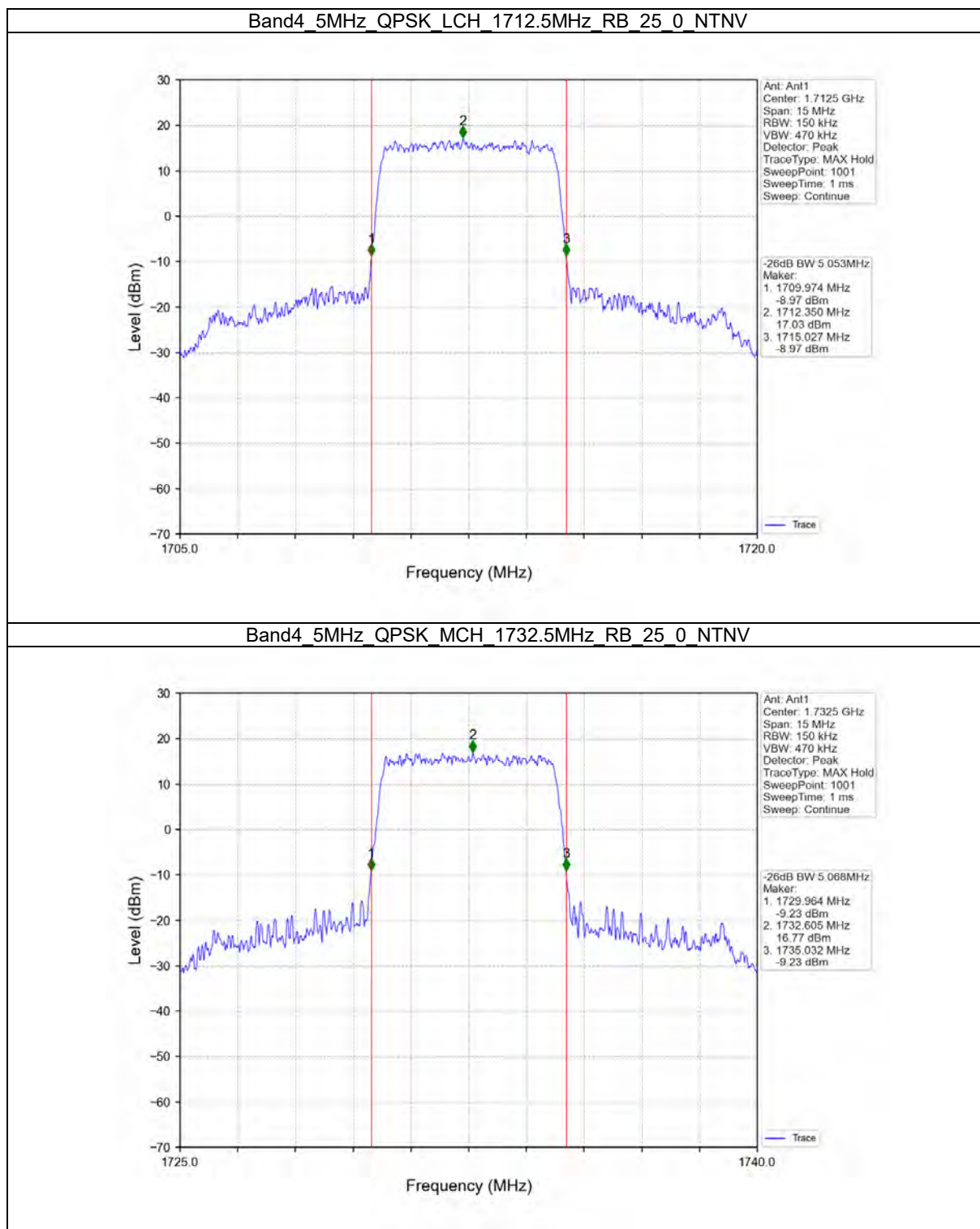


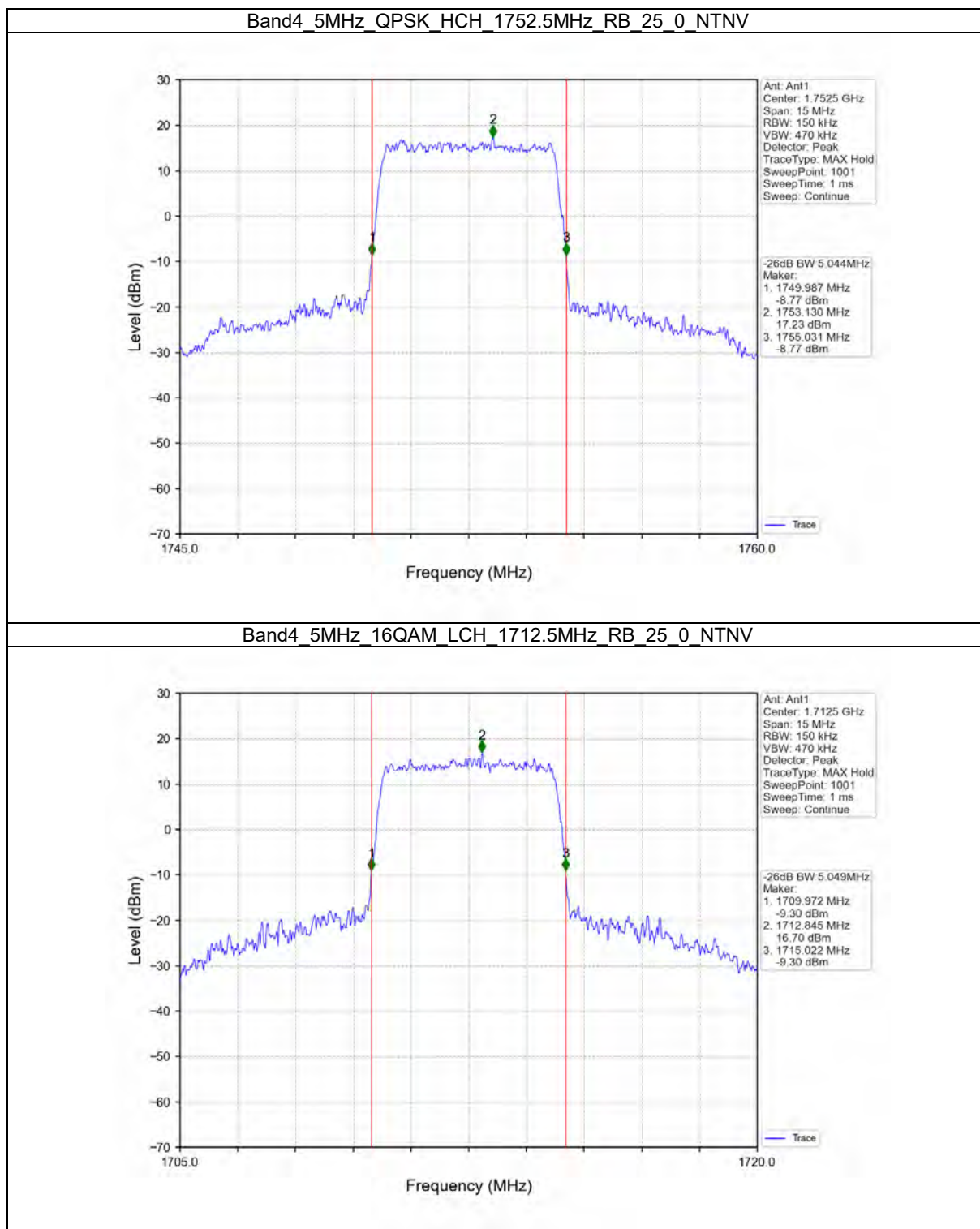
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



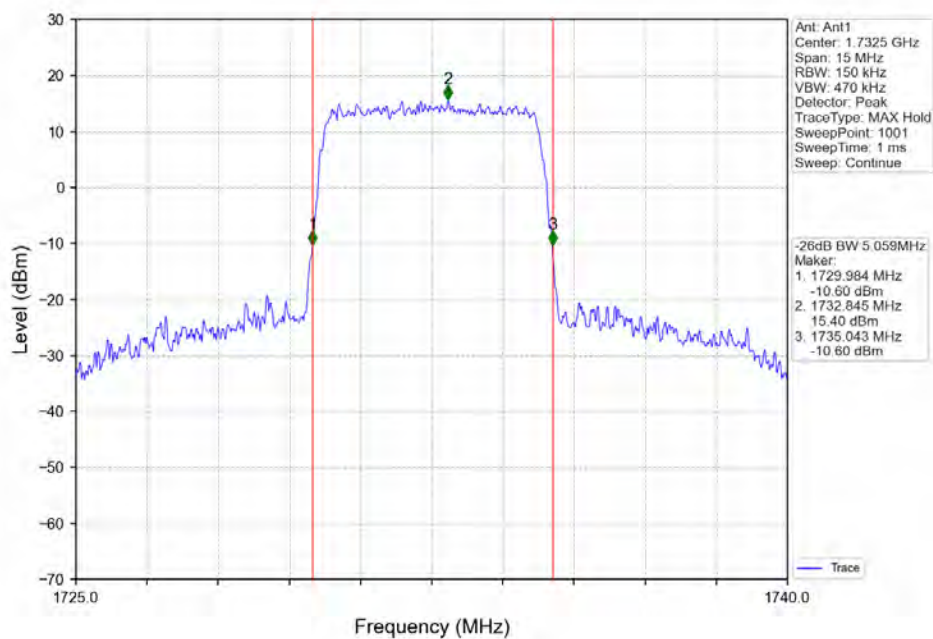
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



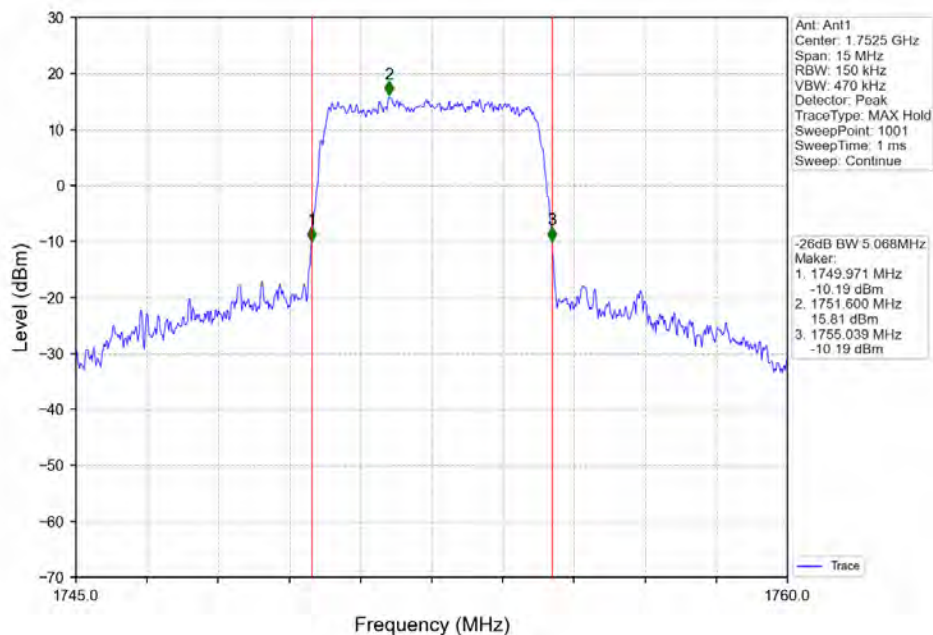




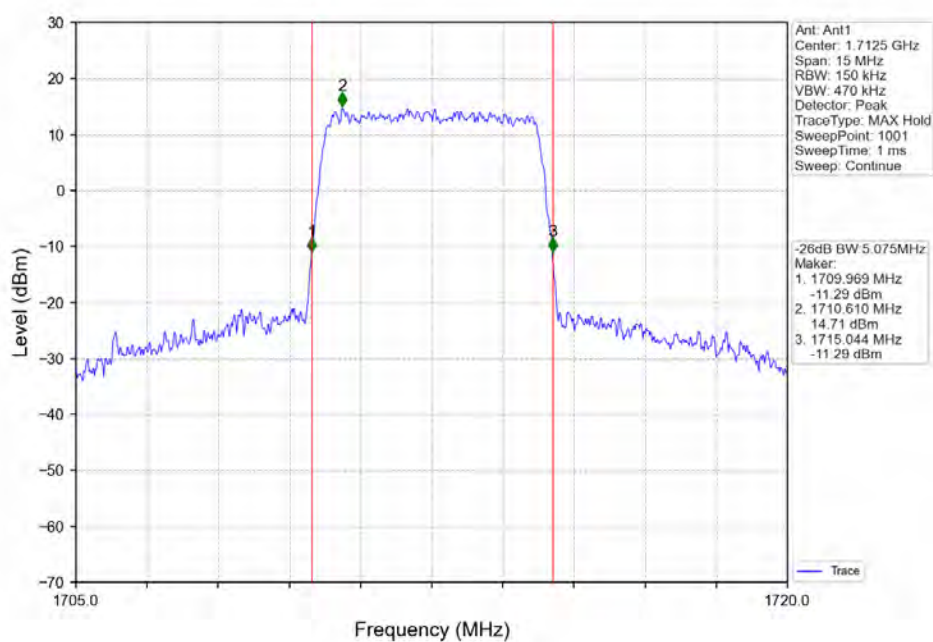
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV

