

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	22.54	-4.82	15.57	<=34.77	Pass
			13	23.44	-4.82	16.47	<=34.77	Pass
			24	22.37	-4.82	15.40	<=34.77	Pass
		12	0	22.07	-4.82	15.10	<=34.77	Pass
			6	22.57	-4.82	15.60	<=34.77	Pass
			13	22.33	-4.82	15.36	<=34.77	Pass
		25	0	21.68	-4.82	14.71	<=34.77	Pass
	710	1	0	22.41	-4.82	15.44	<=34.77	Pass
			13	23.18	-4.82	16.21	<=34.77	Pass
			24	22.61	-4.82	15.64	<=34.77	Pass
		12	0	21.57	-4.82	14.60	<=34.77	Pass
			6	21.49	-4.82	14.52	<=34.77	Pass
			13	21.60	-4.82	14.63	<=34.77	Pass
		25	0	21.53	-4.82	14.56	<=34.77	Pass
	713.5	1	0	22.61	-4.82	15.64	<=34.77	Pass
			13	22.61	-4.82	15.64	<=34.77	Pass
			24	22.46	-4.82	15.49	<=34.77	Pass
		12	0	21.83	-4.82	14.86	<=34.77	Pass
			6	21.97	-4.82	15.00	<=34.77	Pass
			13	21.84	-4.82	14.87	<=34.77	Pass
		25	0	21.72	-4.82	14.75	<=34.77	Pass
16QAM	706.5	1	0	21.97	-4.82	15.00	<=34.77	Pass
			13	21.61	-4.82	14.64	<=34.77	Pass
			24	21.32	-4.82	14.35	<=34.77	Pass
		12	0	20.50	-4.82	13.53	<=34.77	Pass
			6	20.76	-4.82	13.79	<=34.77	Pass
			13	20.99	-4.82	14.02	<=34.77	Pass
		25	0	20.79	-4.82	13.82	<=34.77	Pass
	710	1	0	21.40	-4.82	14.43	<=34.77	Pass
			13	21.86	-4.82	14.89	<=34.77	Pass
			24	21.87	-4.82	14.90	<=34.77	Pass
		12	0	20.95	-4.82	13.98	<=34.77	Pass
			6	20.54	-4.82	13.57	<=34.77	Pass
			13	20.99	-4.82	14.02	<=34.77	Pass
		25	0	21.06	-4.82	14.09	<=34.77	Pass
	713.5	1	0	22.08	-4.82	15.11	<=34.77	Pass
			13	21.24	-4.82	14.27	<=34.77	Pass
			24	21.54	-4.82	14.57	<=34.77	Pass
		12	0	20.64	-4.82	13.67	<=34.77	Pass
			6	20.91	-4.82	13.94	<=34.77	Pass
			13	20.87	-4.82	13.90	<=34.77	Pass
		25	0	21.17	-4.82	14.20	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B17_10MHz_ERP

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	21.92	-4.82	14.95	<=34.77	Pass
			25	22.38	-4.82	15.41	<=34.77	Pass
			49	22.50	-4.82	15.53	<=34.77	Pass
		25	0	21.61	-4.82	14.64	<=34.77	Pass
			13	21.25	-4.82	14.28	<=34.77	Pass
			25	21.23	-4.82	14.26	<=34.77	Pass
		50	0	21.12	-4.82	14.15	<=34.77	Pass
	710	1	0	22.97	-4.82	16.00	<=34.77	Pass
			25	22.85	-4.82	15.88	<=34.77	Pass
			49	22.87	-4.82	15.90	<=34.77	Pass
		25	0	22.03	-4.82	15.06	<=34.77	Pass
			13	22.27	-4.82	15.30	<=34.77	Pass
			25	22.25	-4.82	15.28	<=34.77	Pass
		50	0	22.20	-4.82	15.23	<=34.77	Pass
	711	1	0	22.11	-4.82	15.14	<=34.77	Pass
			25	22.49	-4.82	15.52	<=34.77	Pass
			49	22.66	-4.82	15.69	<=34.77	Pass
		25	0	21.23	-4.82	14.26	<=34.77	Pass
			13	21.10	-4.82	14.13	<=34.77	Pass
			25	21.71	-4.82	14.74	<=34.77	Pass
		50	0	21.12	-4.82	14.15	<=34.77	Pass
16QAM	709	1	0	22.28	-4.82	15.31	<=34.77	Pass
			25	21.11	-4.82	14.14	<=34.77	Pass
			49	21.81	-4.82	14.84	<=34.77	Pass
		25	0	21.31	-4.82	14.34	<=34.77	Pass
			13	21.08	-4.82	14.11	<=34.77	Pass
			25	20.64	-4.82	13.67	<=34.77	Pass
		50	0	20.94	-4.82	13.97	<=34.77	Pass
	710	1	0	22.24	-4.82	15.27	<=34.77	Pass
			25	21.39	-4.82	14.42	<=34.77	Pass
			49	21.84	-4.82	14.87	<=34.77	Pass
		25	0	20.96	-4.82	13.99	<=34.77	Pass
			13	20.86	-4.82	13.89	<=34.77	Pass
			25	20.81	-4.82	13.84	<=34.77	Pass
		50	0	20.85	-4.82	13.88	<=34.77	Pass
	711	1	0	22.01	-4.82	15.04	<=34.77	Pass
			25	21.77	-4.82	14.80	<=34.77	Pass
			49	21.46	-4.82	14.49	<=34.77	Pass
		25	0	20.84	-4.82	13.87	<=34.77	Pass
			13	21.03	-4.82	14.06	<=34.77	Pass
			25	21.13	-4.82	14.16	<=34.77	Pass
		50	0	20.91	-4.82	13.94	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	-2.500	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.000	-0.0071	-2.5 to 2.5	Pass
					4.43	-9.200	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-9.800	-0.0139	-2.5 to 2.5	Pass
				-20	3.85	-11.700	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-10.800	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-9.900	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-9.700	-0.0137	-2.5 to 2.5	Pass
				30	3.85	-9.700	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-8.400	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-7.300	-0.0103	-2.5 to 2.5	Pass
	710	25	0	20	3.27	1.400	0.0020	-2.5 to 2.5	Pass
					3.85	1.100	0.0015	-2.5 to 2.5	Pass
					4.43	-1.500	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.100	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-4.900	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-8.700	-0.0123	-2.5 to 2.5	Pass
				0	3.85	-10.600	-0.0149	-2.5 to 2.5	Pass
				10	3.85	-13.000	-0.0183	-2.5 to 2.5	Pass
				30	3.85	-15.900	-0.0224	-2.5 to 2.5	Pass
				40	3.85	-17.300	-0.0244	-2.5 to 2.5	Pass
				50	3.85	-19.100	-0.0269	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-2.900	-0.0041	-2.5 to 2.5	Pass
					3.85	-2.100	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.200	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-6.200	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-5.700	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-5.900	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-5.300	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.600	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-8.200	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-10.100	-0.0142	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-7.900	-0.0112	-2.5 to 2.5	Pass
					3.85	-6.500	-0.0092	-2.5 to 2.5	Pass
					4.43	-7.000	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-7.100	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-8.200	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-7.700	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-9.300	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-8.700	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-8.700	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-10.700	-0.0151	-2.5 to 2.5	Pass
				50	3.85	-11.100	-0.0157	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-21.100	-0.0297	-2.5 to 2.5	Pass
					3.85	-22.800	-0.0321	-2.5 to 2.5	Pass

					4.43	-25.500	-0.0359	-2.5 to 2.5	Pass
				-30	3.85	-25.900	-0.0365	-2.5 to 2.5	Pass
				-20	3.85	-25.500	-0.0359	-2.5 to 2.5	Pass
				-10	3.85	-24.900	-0.0351	-2.5 to 2.5	Pass
				0	3.85	-25.300	-0.0356	-2.5 to 2.5	Pass
				10	3.85	-24.600	-0.0346	-2.5 to 2.5	Pass
				30	3.85	-26.400	-0.0372	-2.5 to 2.5	Pass
				40	3.85	-26.200	-0.0369	-2.5 to 2.5	Pass
				50	3.85	-26.500	-0.0373	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-13.200	-0.0185	-2.5 to 2.5	Pass
					3.85	-16.000	-0.0224	-2.5 to 2.5	Pass
					4.43	-18.600	-0.0261	-2.5 to 2.5	Pass
				-30	3.85	-18.400	-0.0258	-2.5 to 2.5	Pass
				-20	3.85	-18.700	-0.0262	-2.5 to 2.5	Pass
				-10	3.85	-18.500	-0.0259	-2.5 to 2.5	Pass
				0	3.85	-18.400	-0.0258	-2.5 to 2.5	Pass
				10	3.85	-17.600	-0.0247	-2.5 to 2.5	Pass
				30	3.85	-18.100	-0.0254	-2.5 to 2.5	Pass
				40	3.85	-17.400	-0.0244	-2.5 to 2.5	Pass
				50	3.85	-17.600	-0.0247	-2.5 to 2.5	Pass

2.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-0.500	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.200	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.200	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-4.300	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-4.400	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-5.700	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-6.100	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-7.300	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-8.700	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-10.200	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-11.200	-0.0158	-2.5 to 2.5	Pass
	710	50	0	20	3.27	3.800	0.0054	-2.5 to 2.5	Pass
					3.85	4.400	0.0062	-2.5 to 2.5	Pass
					4.43	3.900	0.0055	-2.5 to 2.5	Pass
				-30	3.85	3.200	0.0045	-2.5 to 2.5	Pass
				-20	3.85	1.900	0.0027	-2.5 to 2.5	Pass
				-10	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.000	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.200	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.600	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.500	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-3.700	-0.0052	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.800	-0.0011	-2.5 to 2.5	Pass
					3.85	0.200	0.0003	-2.5 to 2.5	Pass
					4.43	-1.100	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.500	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-1.900	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.100	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-3.600	-0.0051	-2.5 to 2.5	Pass

16QAM				10	3.85	-3.900	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-5.200	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-4.900	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-6.600	-0.0093	-2.5 to 2.5	Pass
	709	50	0	20	3.27	-13.100	-0.0185	-2.5 to 2.5	Pass
					3.85	-14.700	-0.0207	-2.5 to 2.5	Pass
					4.43	-17.900	-0.0252	-2.5 to 2.5	Pass
				-30	3.85	-18.300	-0.0258	-2.5 to 2.5	Pass
				-20	3.85	-18.900	-0.0267	-2.5 to 2.5	Pass
				-10	3.85	-18.700	-0.0264	-2.5 to 2.5	Pass
				0	3.85	-18.800	-0.0265	-2.5 to 2.5	Pass
				10	3.85	-18.800	-0.0265	-2.5 to 2.5	Pass
				30	3.85	-19.000	-0.0268	-2.5 to 2.5	Pass
				40	3.85	-18.700	-0.0264	-2.5 to 2.5	Pass
				50	3.85	-19.000	-0.0268	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-5.200	-0.0073	-2.5 to 2.5	Pass
					3.85	-6.500	-0.0092	-2.5 to 2.5	Pass
					4.43	-8.700	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-10.000	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	-8.300	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-8.600	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-7.900	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-7.100	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-5.900	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-7.400	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-7.000	-0.0099	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-6.700	-0.0094	-2.5 to 2.5	Pass
					3.85	-9.100	-0.0128	-2.5 to 2.5	Pass
					4.43	-11.400	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-11.000	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-10.200	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-10.200	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-9.900	-0.0139	-2.5 to 2.5	Pass
				10	3.85	-9.600	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-9.200	-0.0129	-2.5 to 2.5	Pass
				40	3.85	-7.400	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-7.300	-0.0103	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band17_OBW

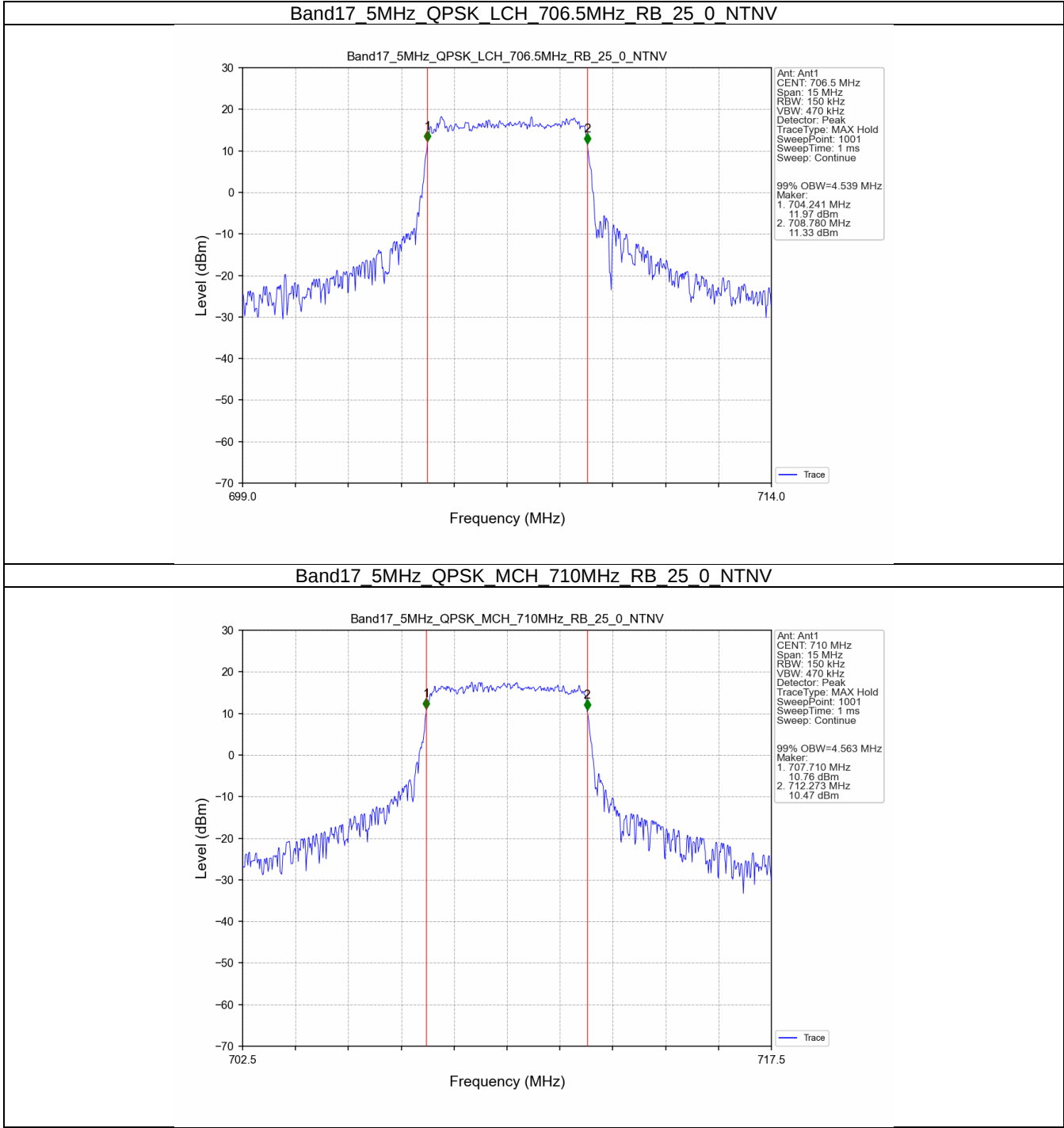
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.539	/	Pass
		710	25	0	4.563	/	Pass
		713.5	25	0	4.548	/	Pass
	16QAM	706.5	25	0	4.545	/	Pass
		710	25	0	4.545	/	Pass
		713.5	25	0	4.558	/	Pass
10	QPSK	709	50	0	9.042	/	Pass
		710	50	0	9.105	/	Pass
		711	50	0	9.058	/	Pass
	16QAM	709	50	0	9.023	/	Pass
		710	50	0	9.039	/	Pass
		711	50	0	9.028	/	Pass

3.1.2 Band17_XDB

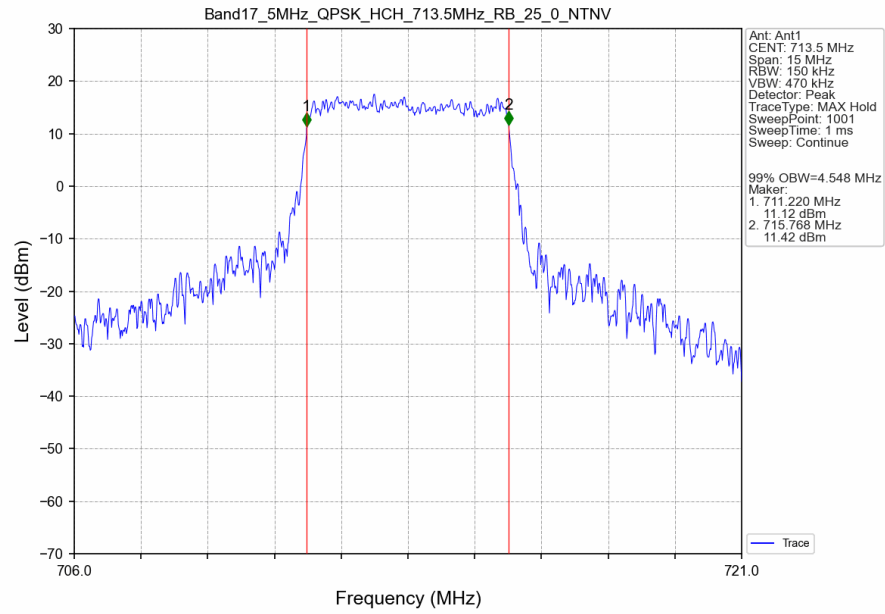
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.432	/	Pass
		710	25	0	5.781	/	Pass
		713.5	25	0	5.326	/	Pass
	16QAM	706.5	25	0	5.861	/	Pass
		710	25	0	5.539	/	Pass
		713.5	25	0	5.842	/	Pass
10	QPSK	709	50	0	10.239	/	Pass
		710	50	0	10.257	/	Pass
		711	50	0	10.305	/	Pass
	16QAM	709	50	0	10.124	/	Pass
		710	50	0	10.069	/	Pass
		711	50	0	10.111	/	Pass

3.2 Test Graph

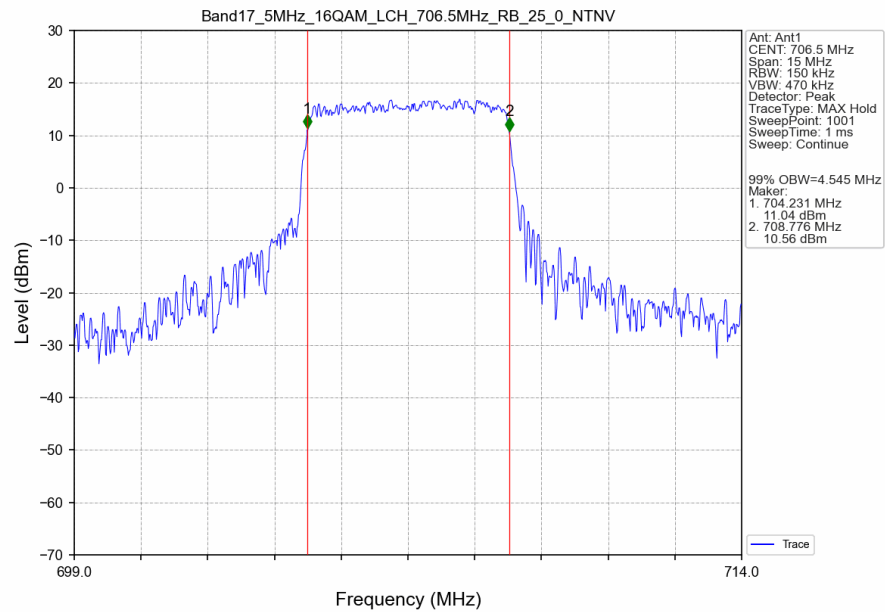
3.2.1 Band17_OBW



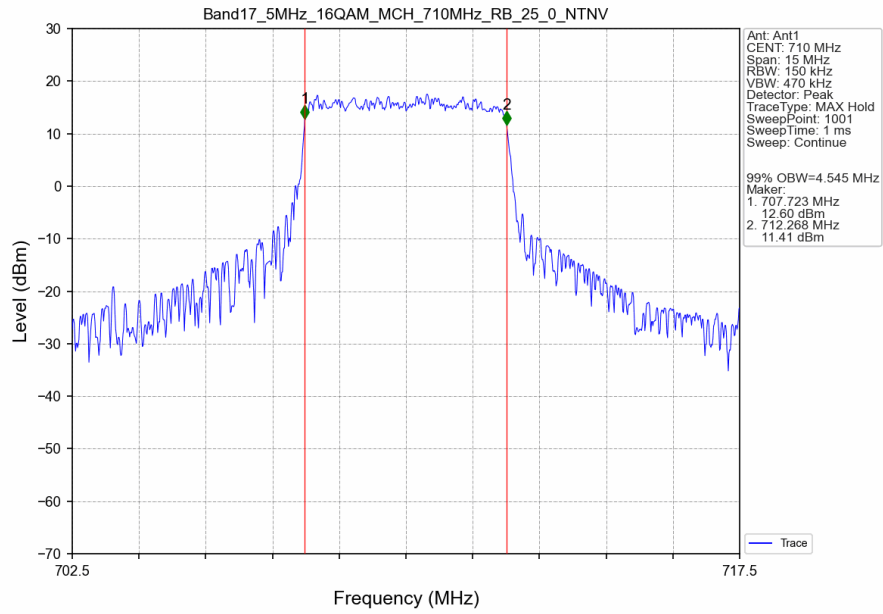
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



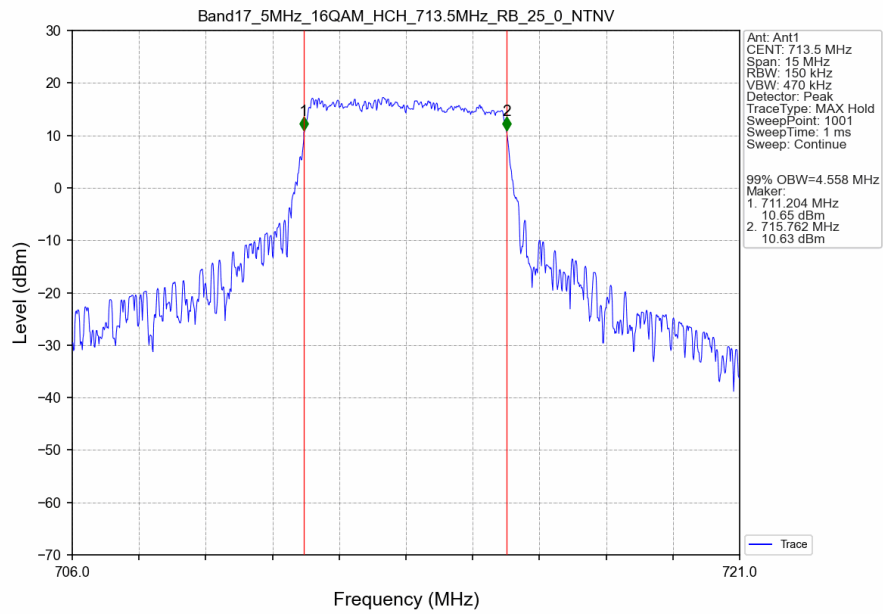
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



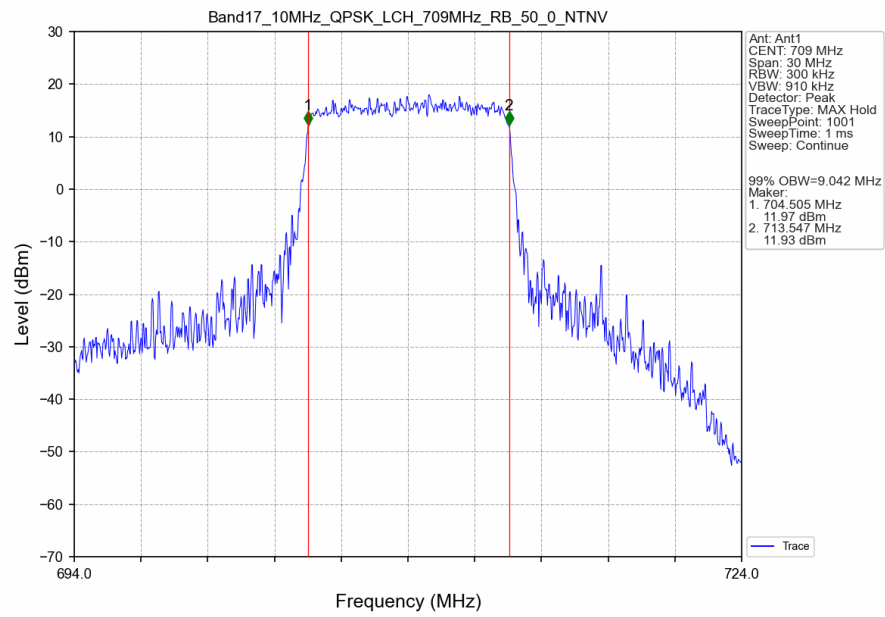
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



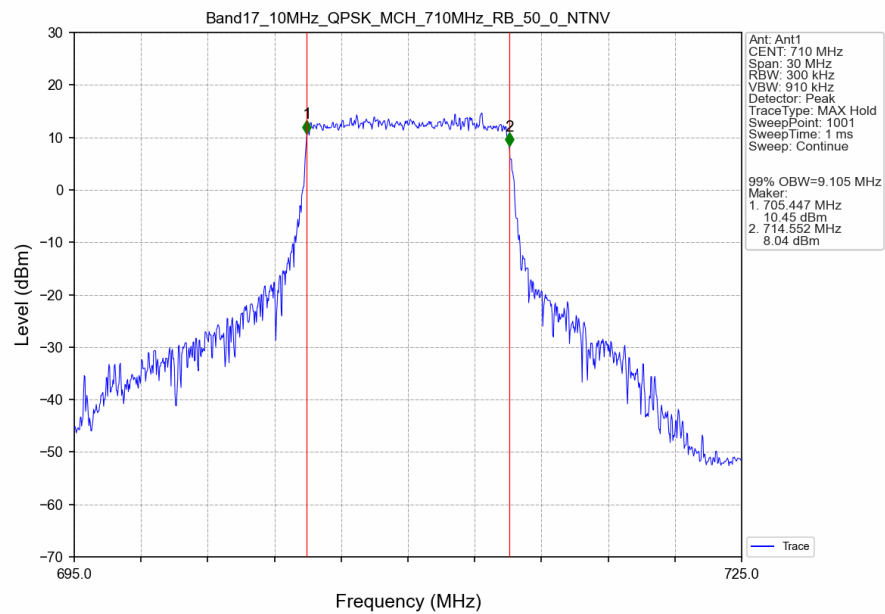
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



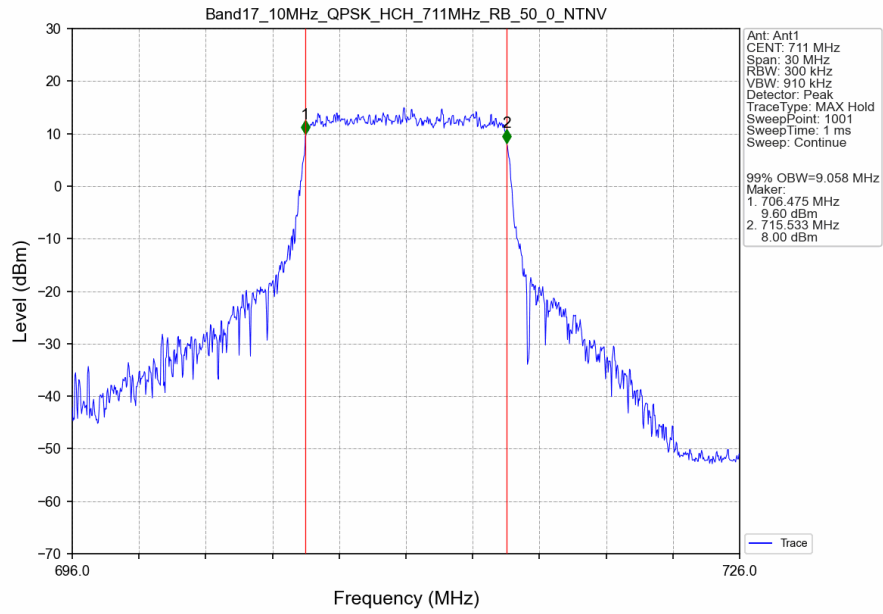
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



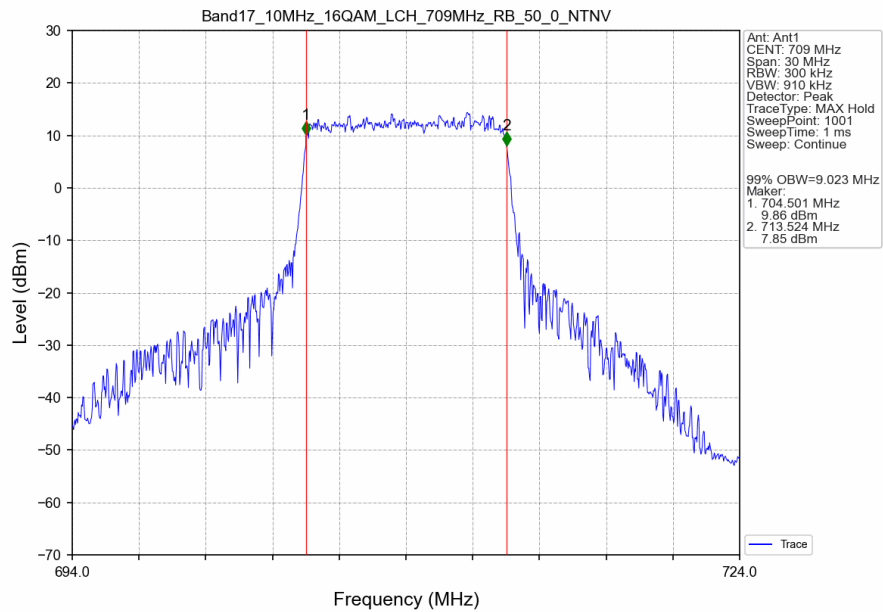
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



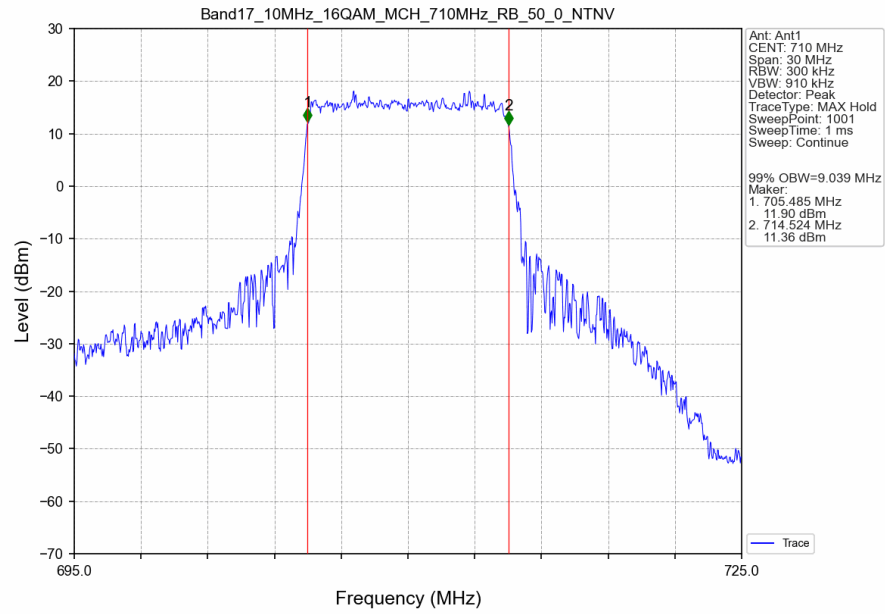
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



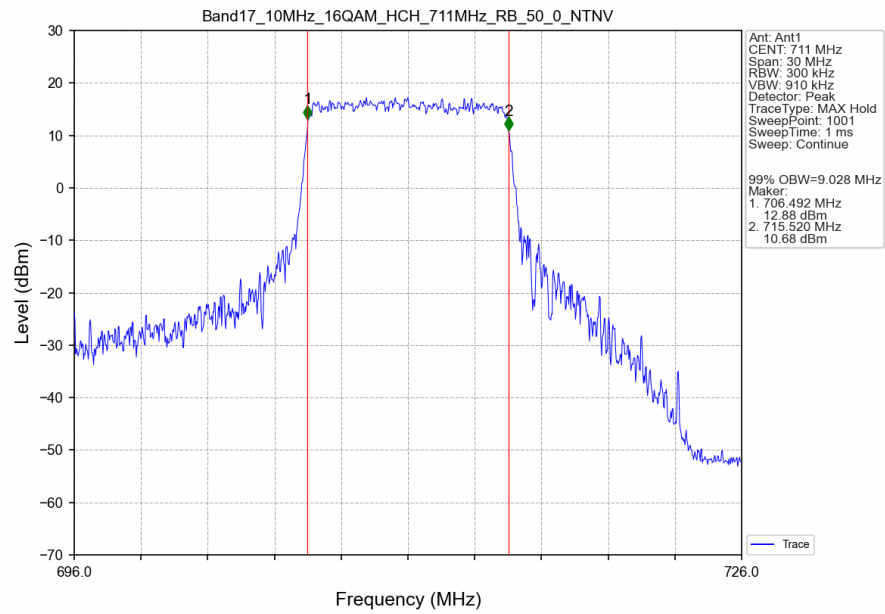
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



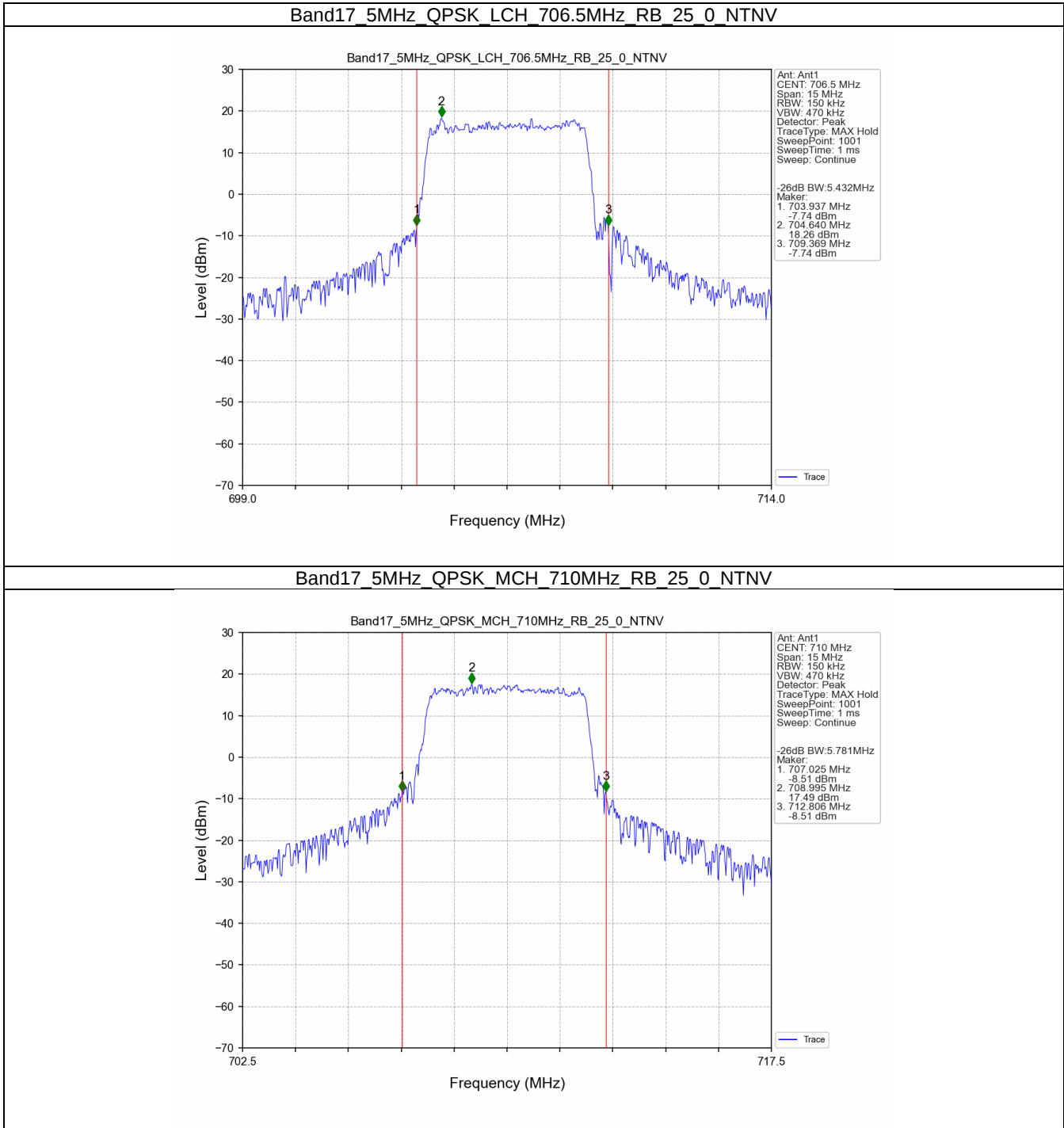
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



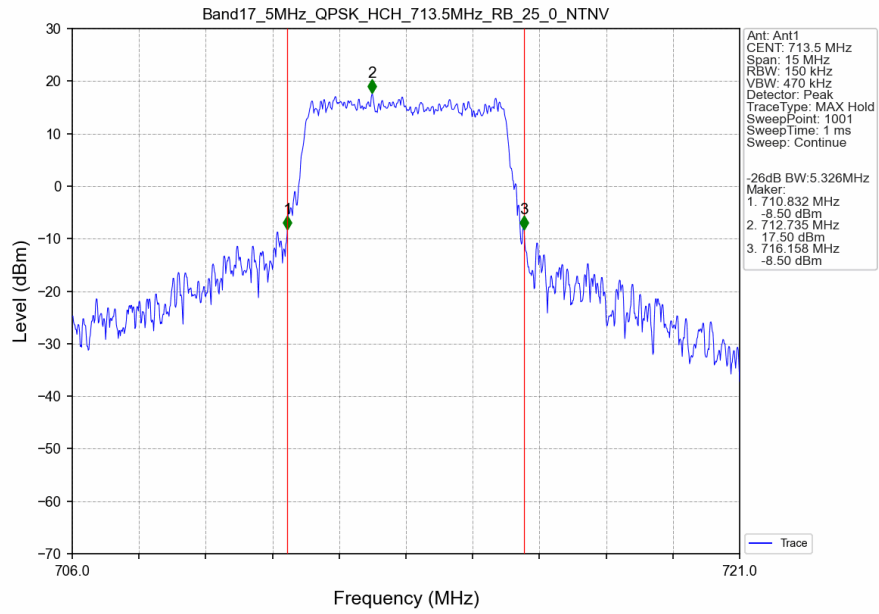
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



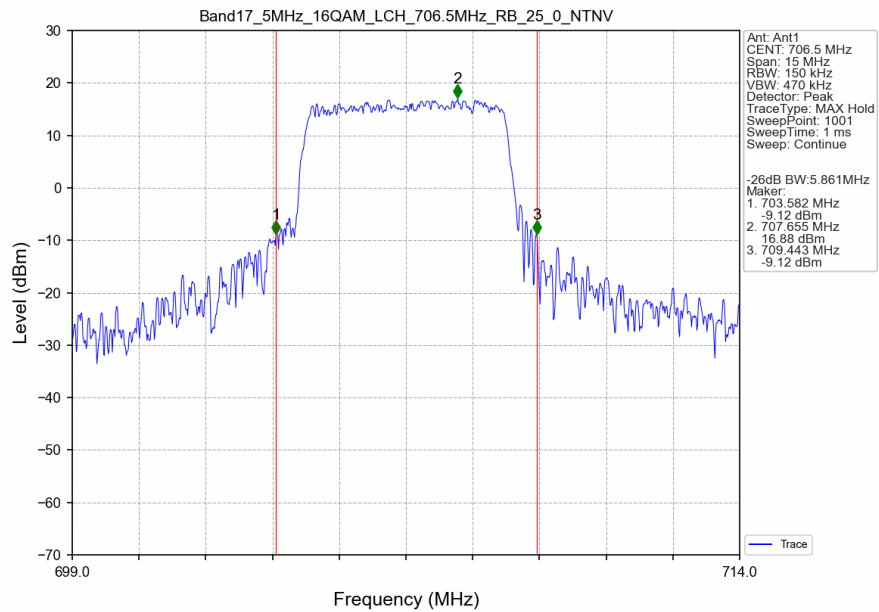
3.2.2 Band17_XDB



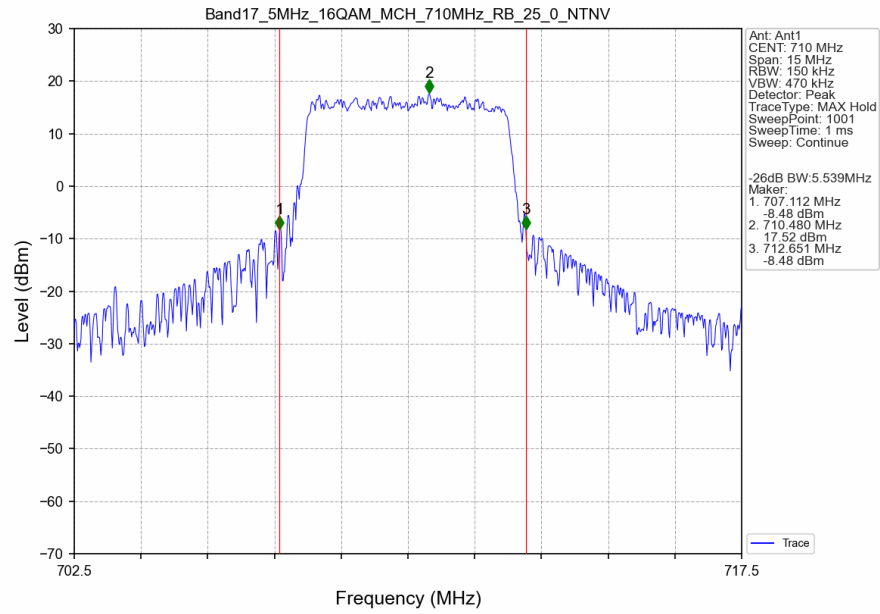
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



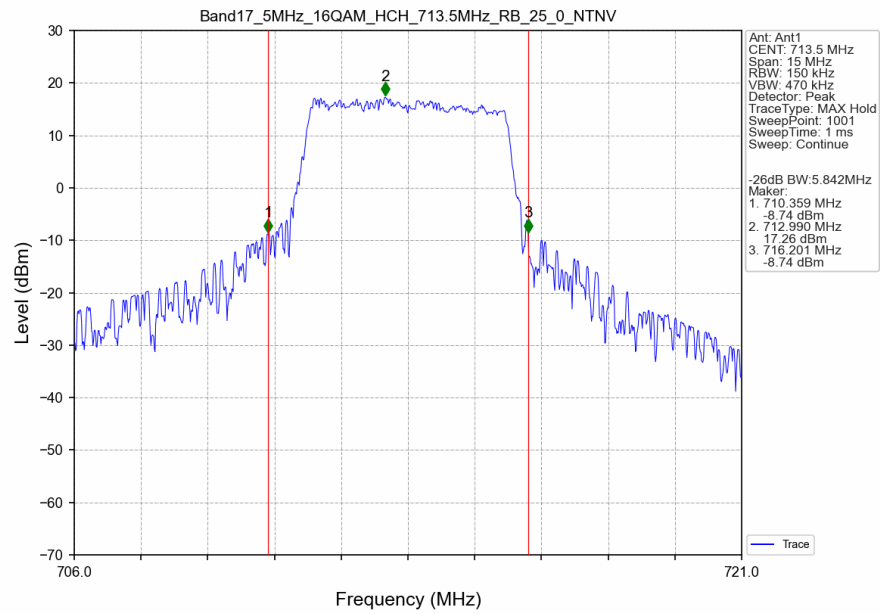
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



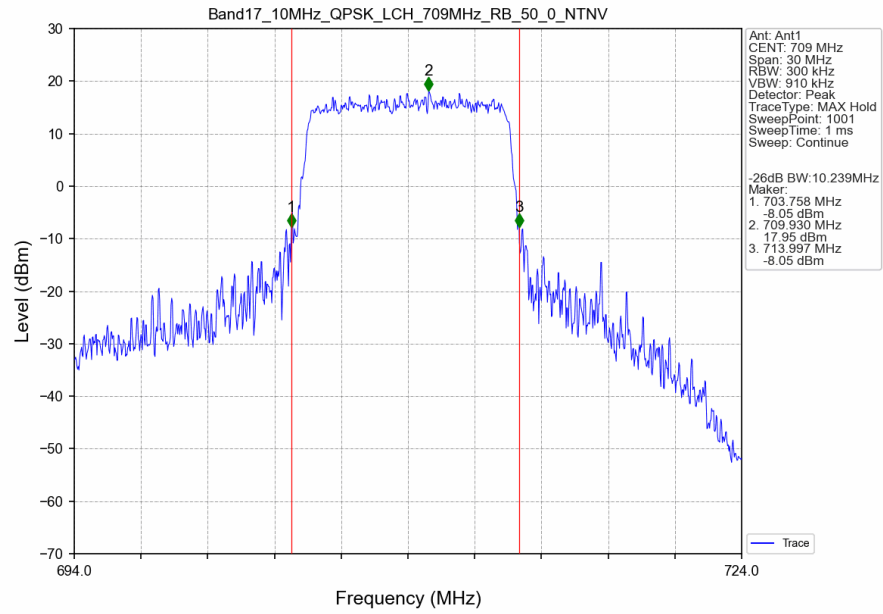
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



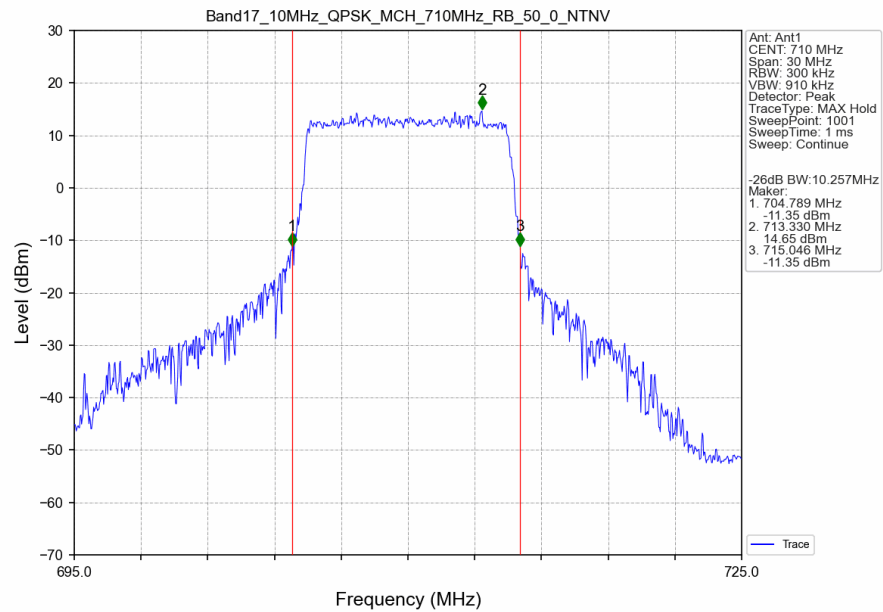
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



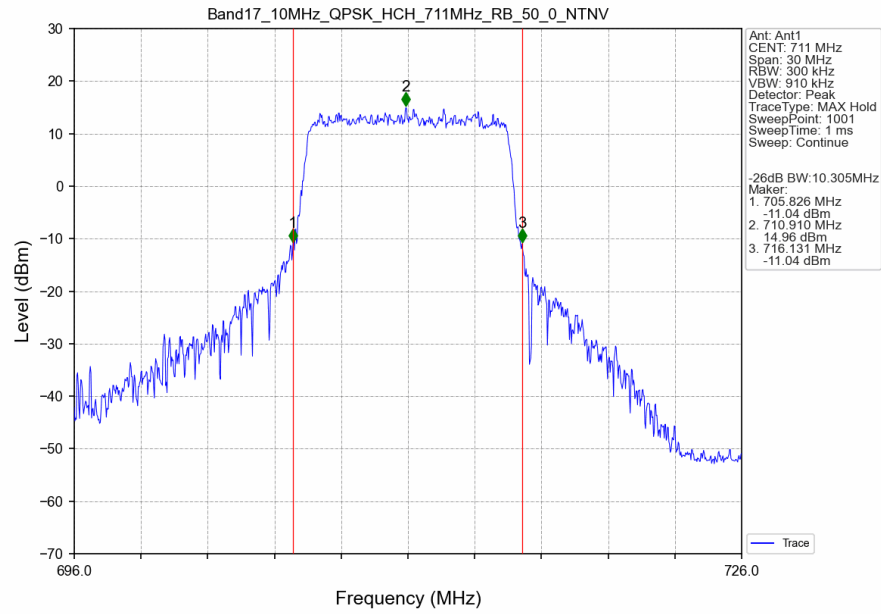
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



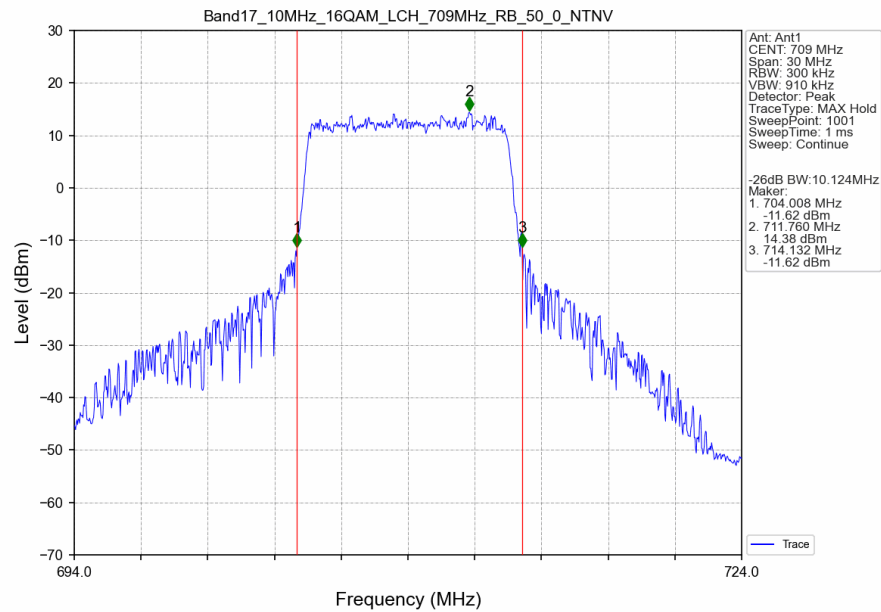
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



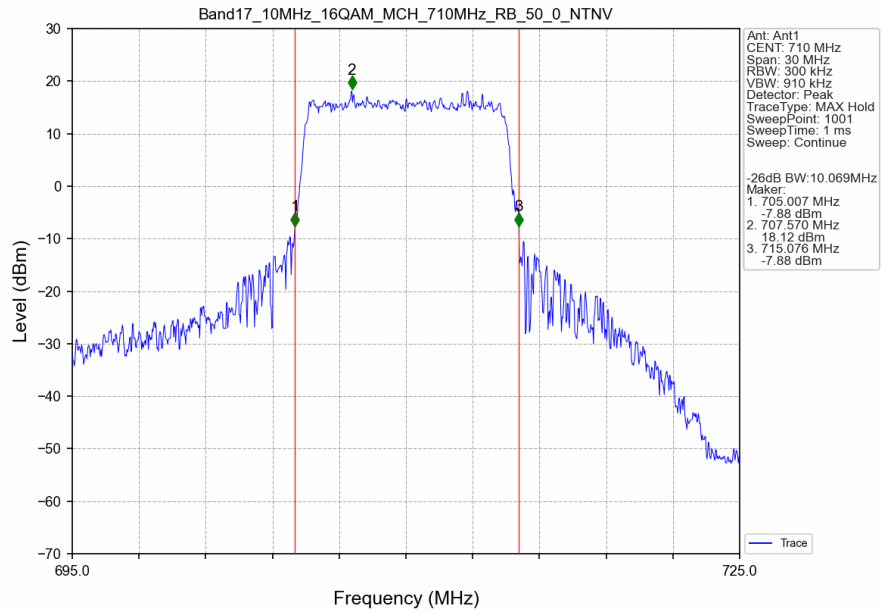
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



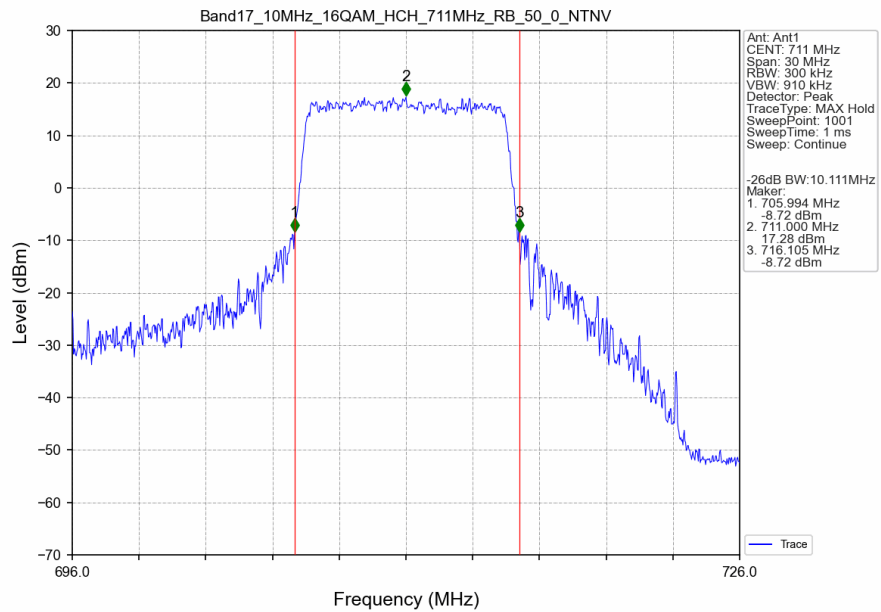
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B17_5MHz

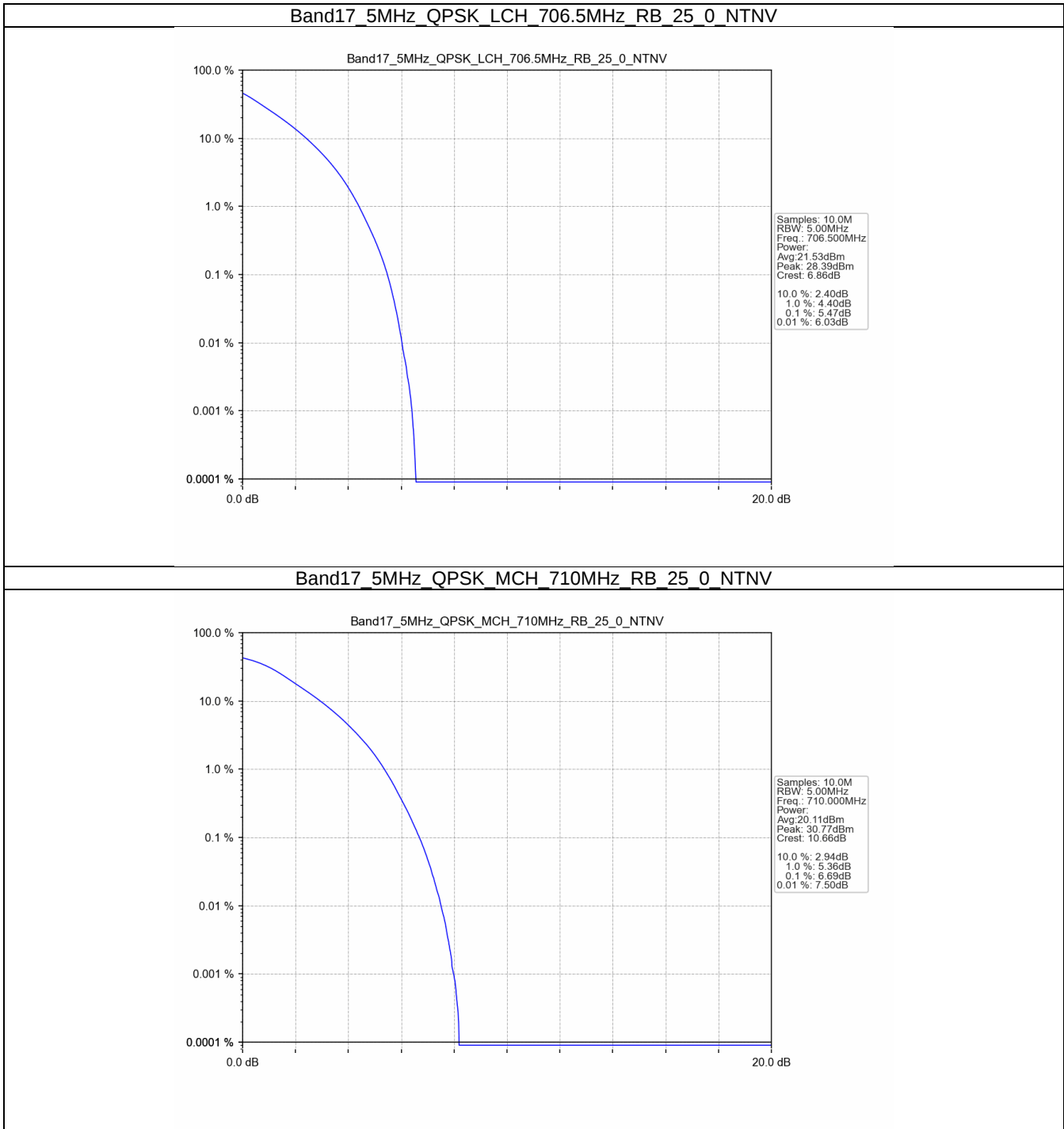
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.47	<=13	Pass
	710	25	0	6.69	<=13	Pass
	713.5	25	0	6.46	<=13	Pass
16QAM	706.5	25	0	6.31	<=13	Pass
	710	25	0	6.40	<=13	Pass
	713.5	25	0	6.44	<=13	Pass

4.1.2 B17_10MHz

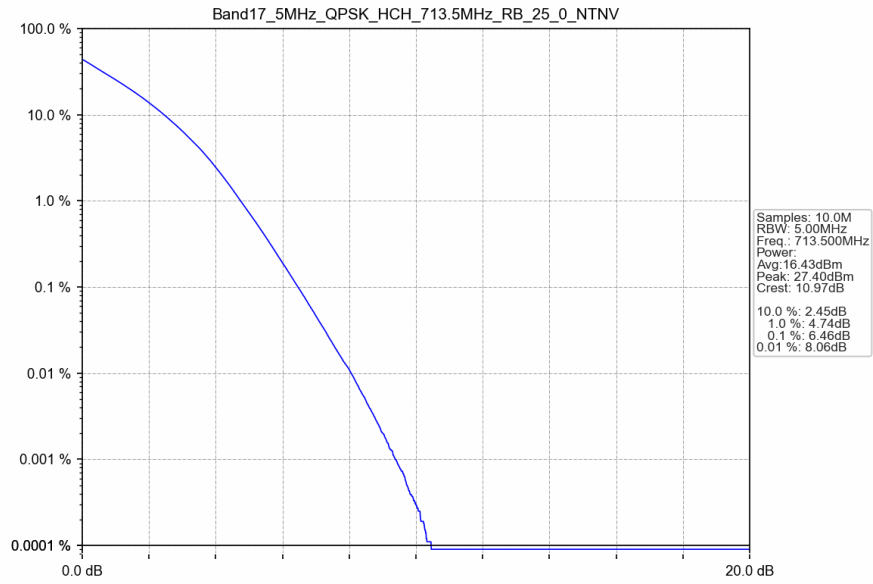
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	6.32	<=13	Pass
	710	50	0	5.54	<=13	Pass
	711	50	0	6.09	<=13	Pass
16QAM	709	50	0	6.25	<=13	Pass
	710	50	0	6.25	<=13	Pass
	711	50	0	6.31	<=13	Pass

4.2 Test Graph

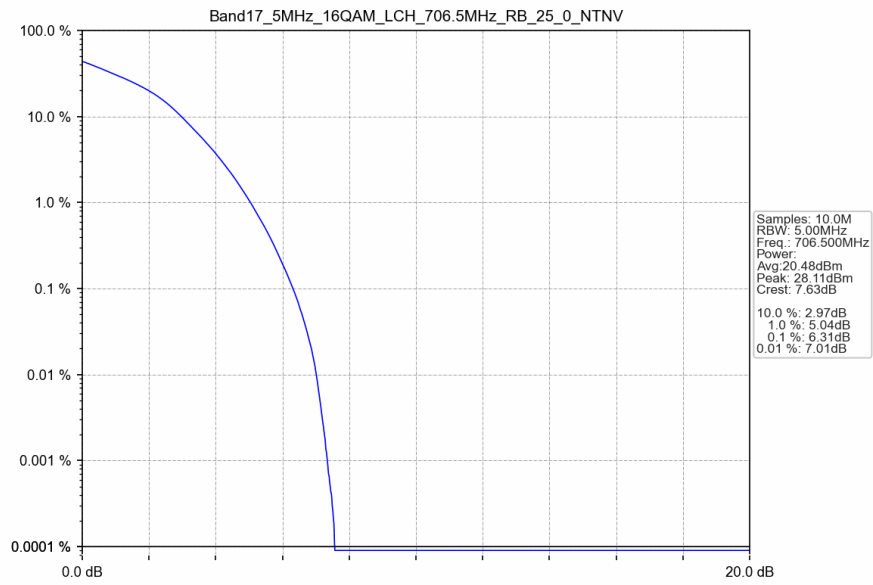
4.2.1 B17_5MHz



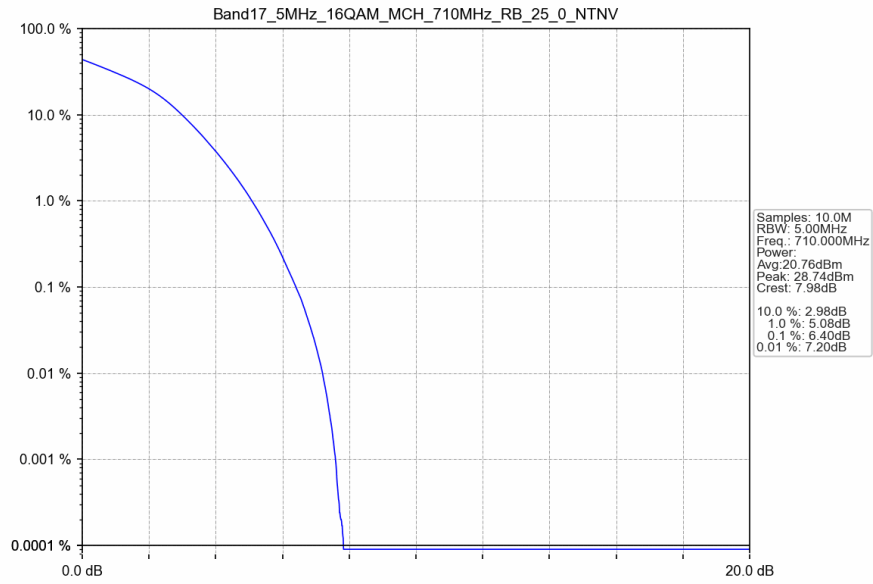
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



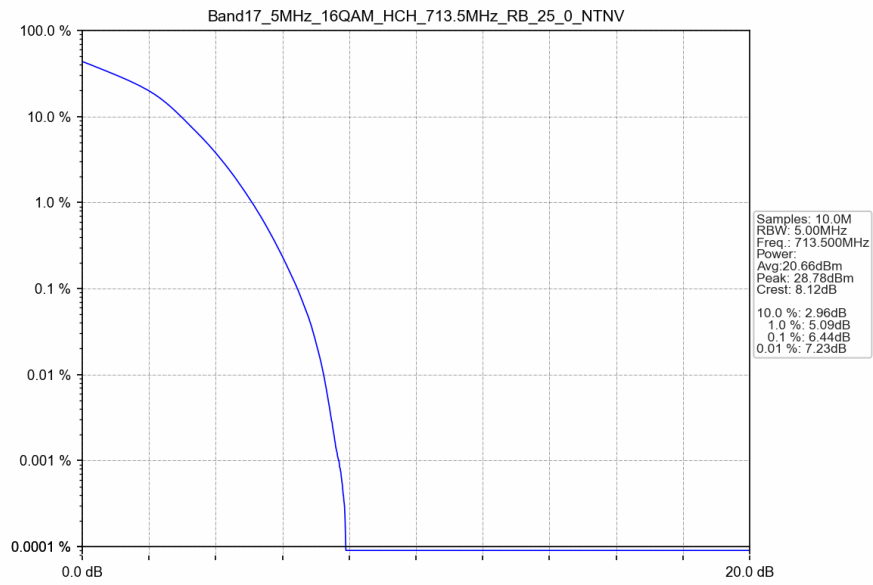
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



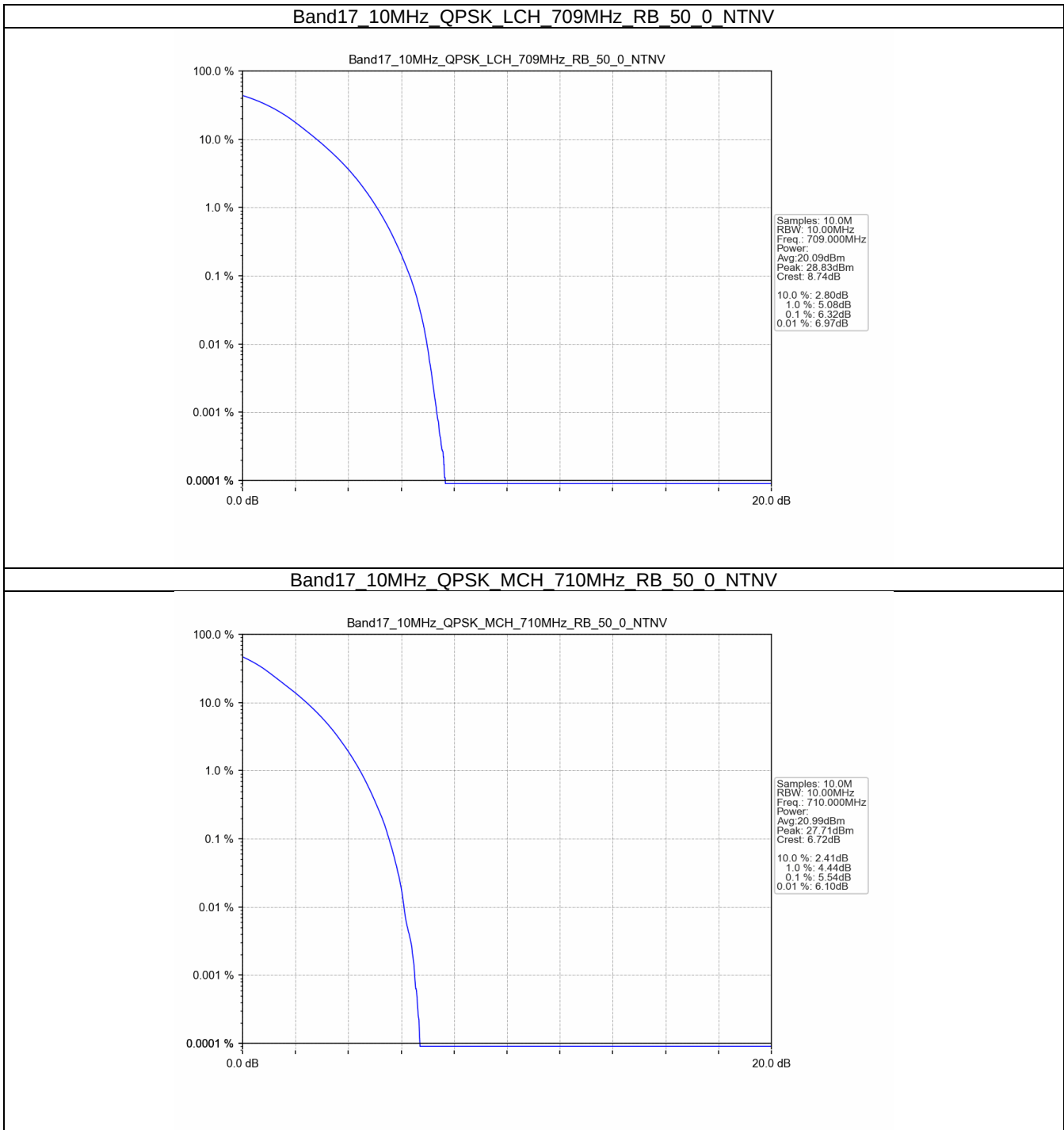
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



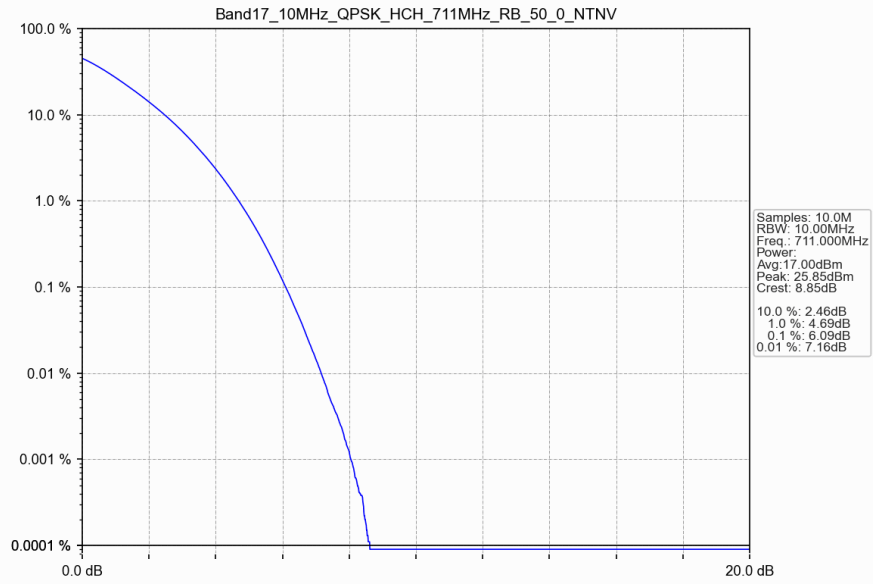
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



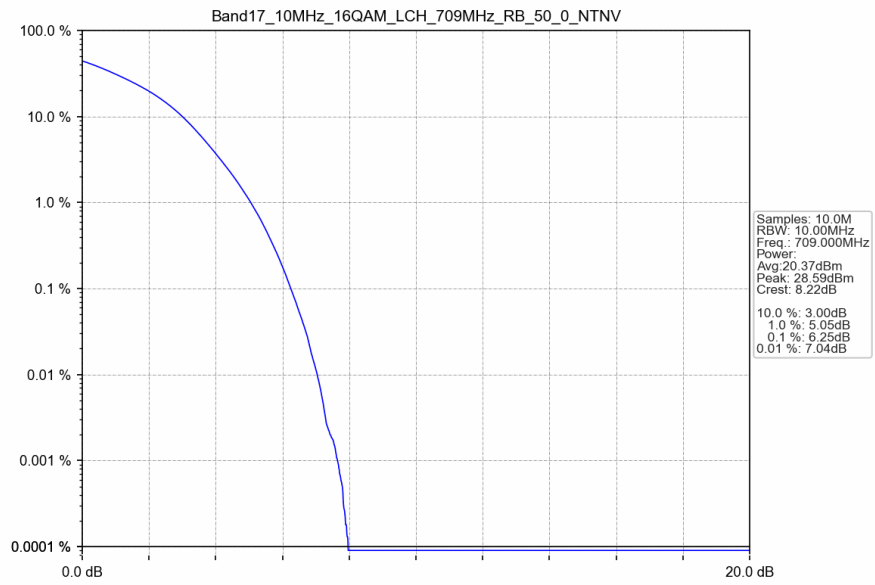
4.2.2 B17_10MHz



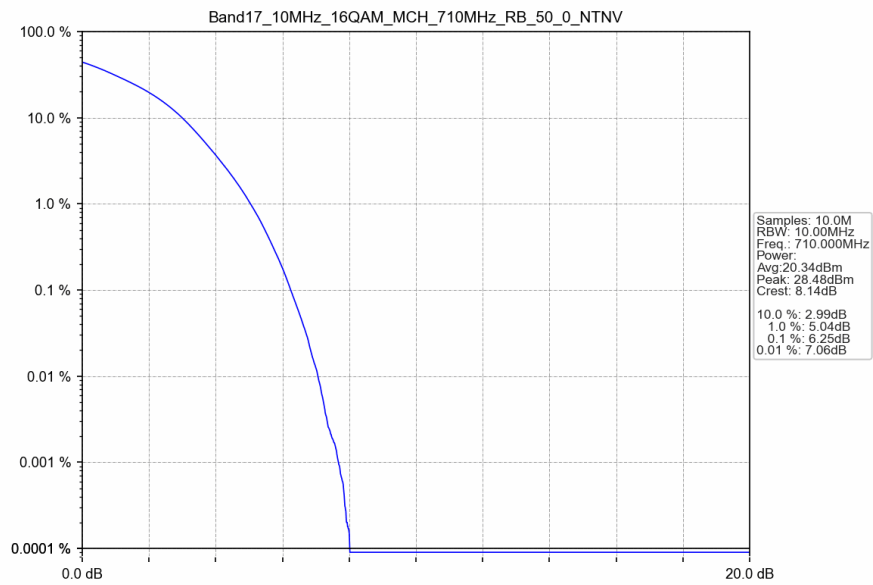
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



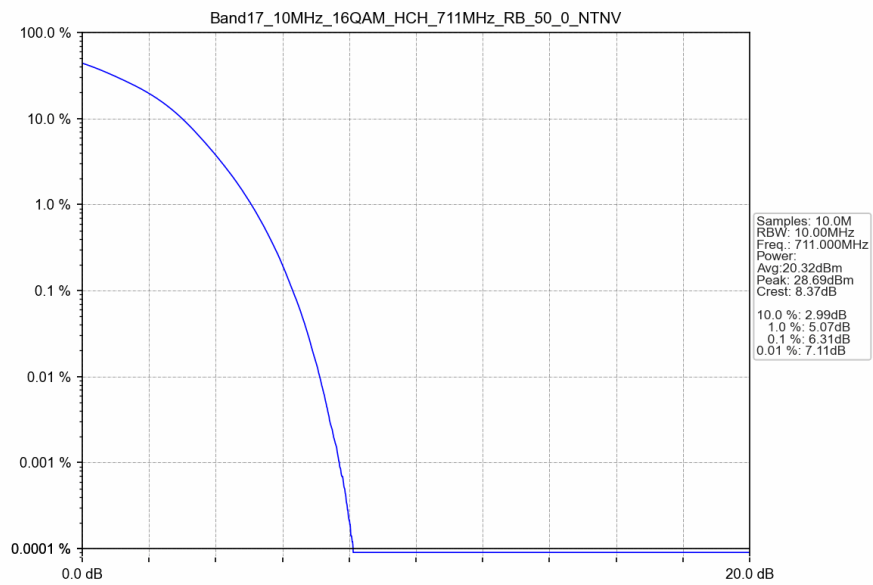
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B17_5MHz

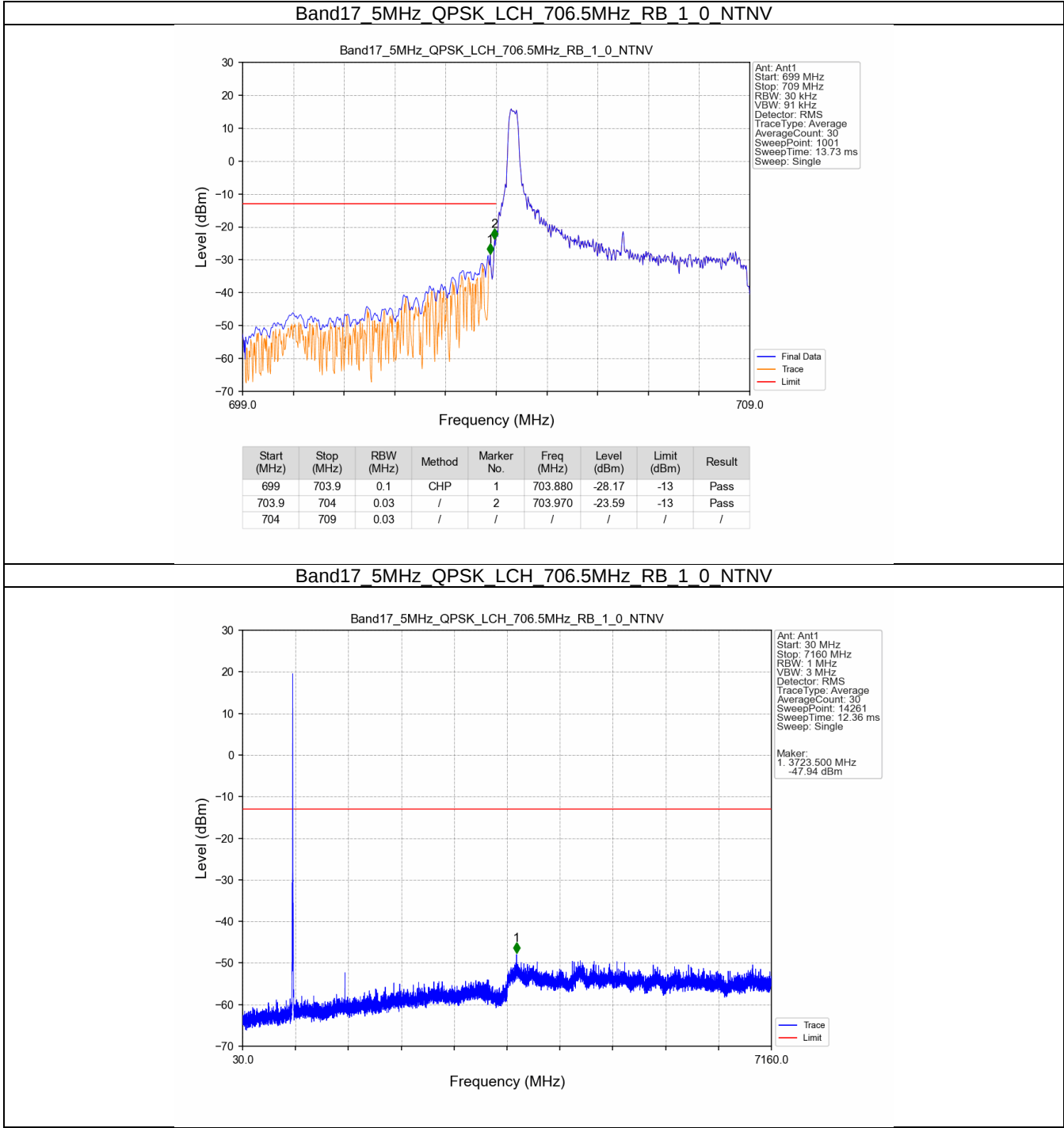
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B17_10MHz

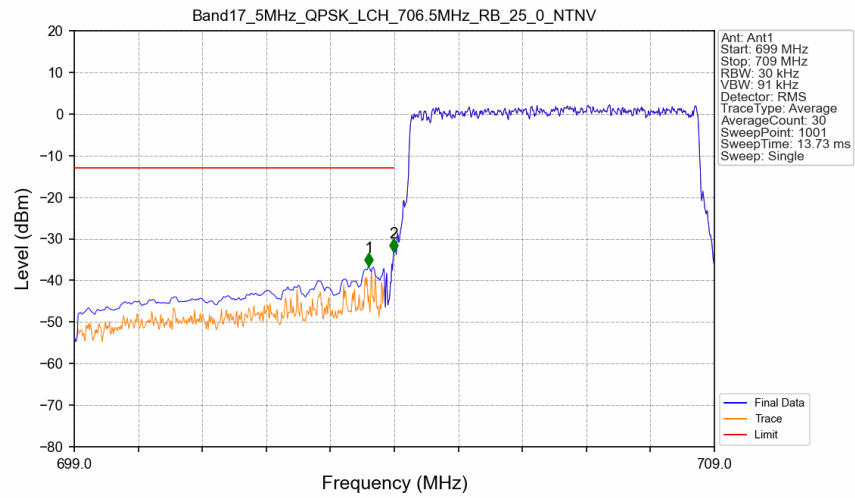
Band: 17 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

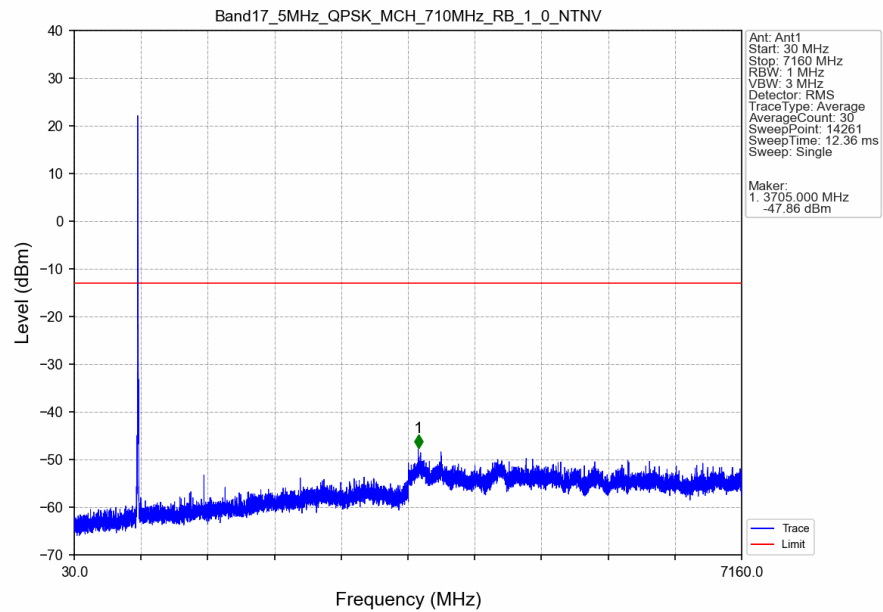
5.2.1 B17_5MHz



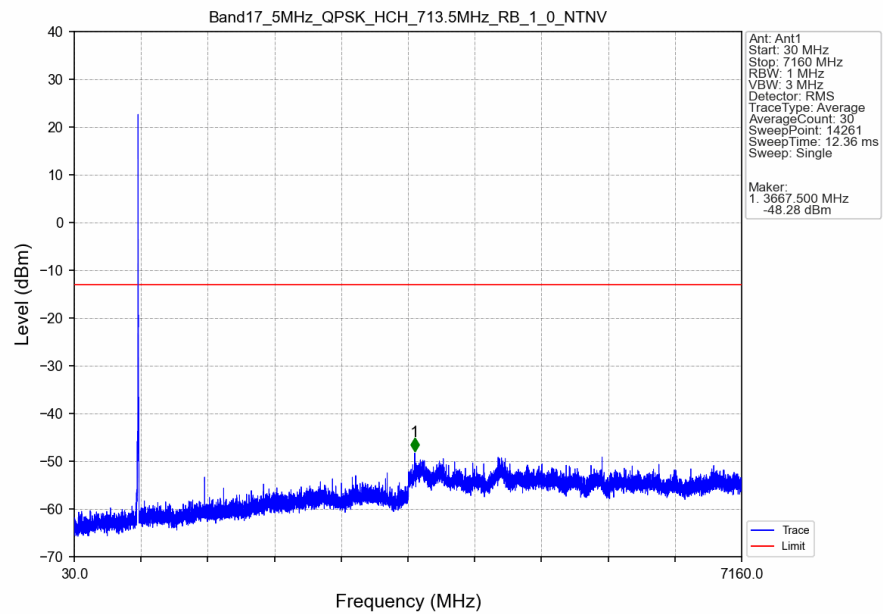
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



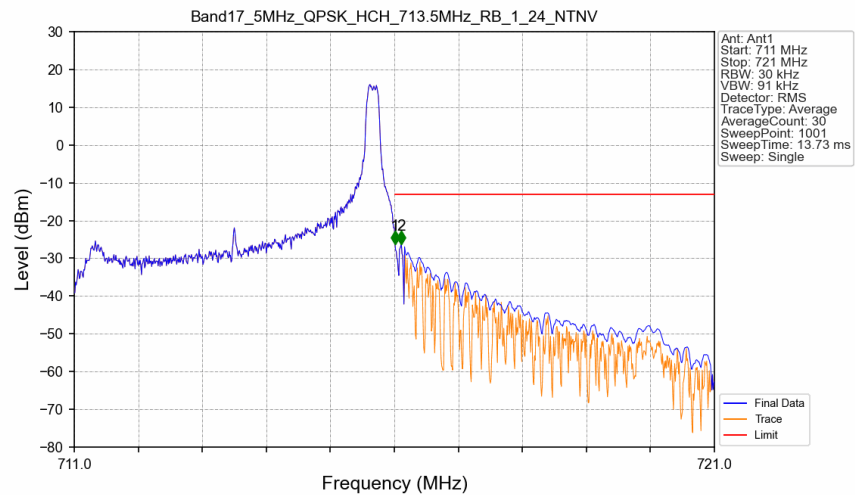
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN

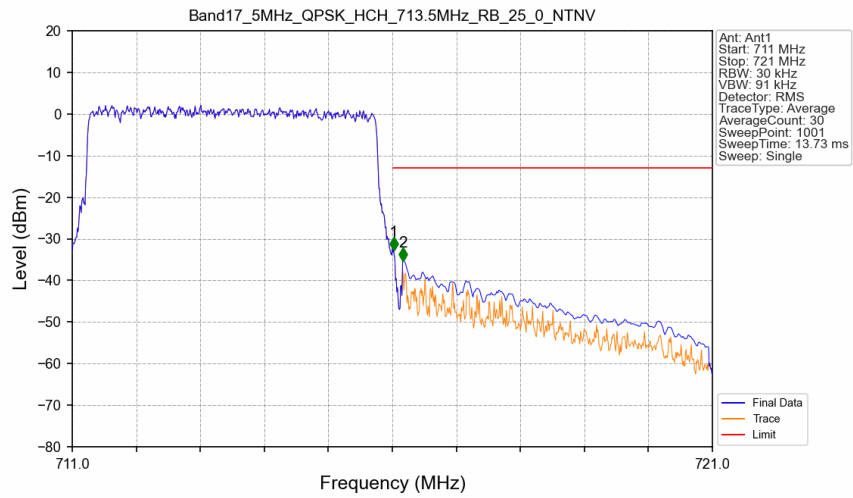


Band17 5MHz QPSK HCH 713.5MHz RB 1 24 NTN



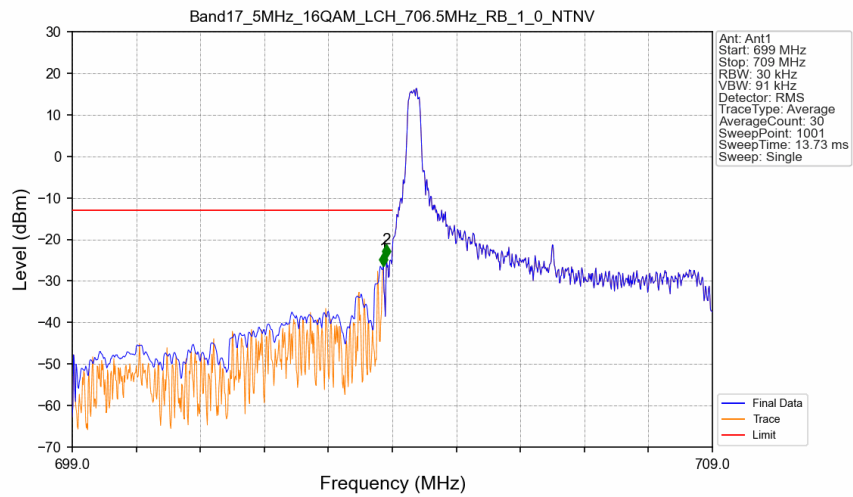
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.21	-13	Pass
716.1	721	0.1	CHP	2	716.110	-26.32	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



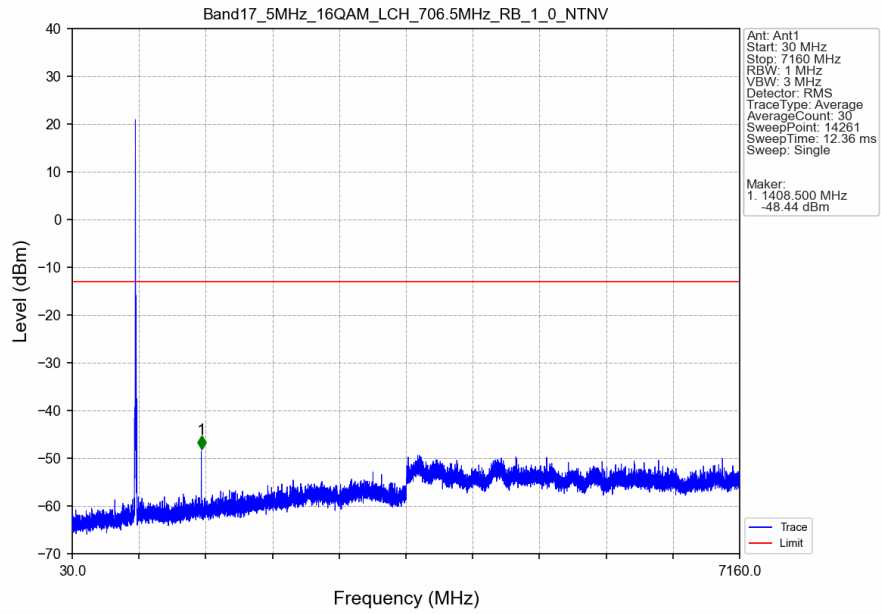
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-32.76	-13	Pass
716.1	721	0.1	CHP	2	716.170	-35.32	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

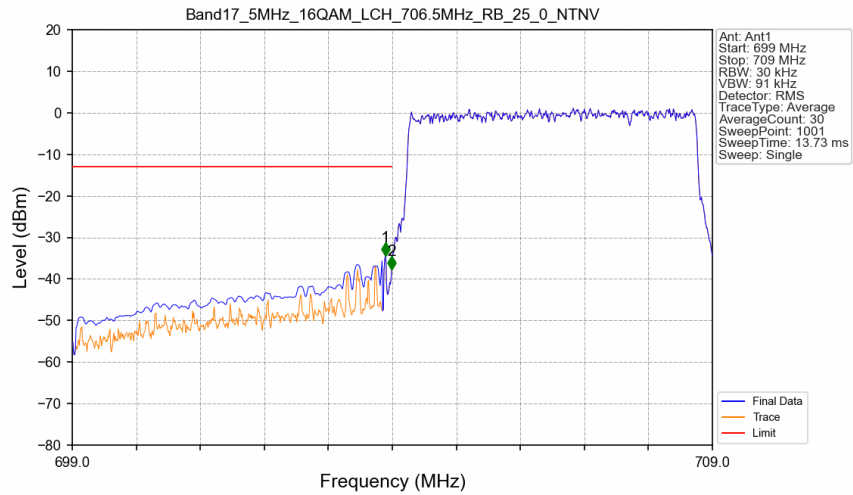


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.860	-26.35	-13	Pass
703.9	704	0.03	/	2	703.910	-24.48	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

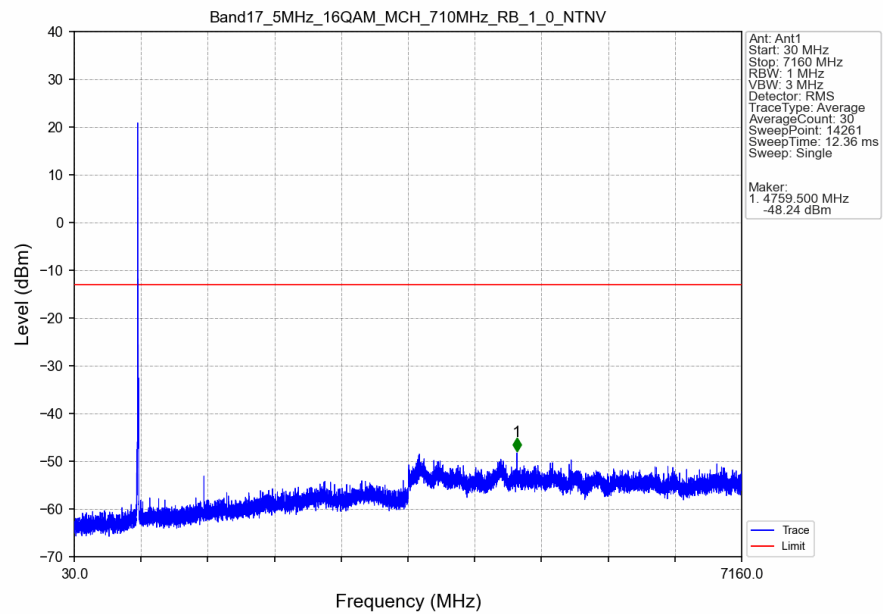


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

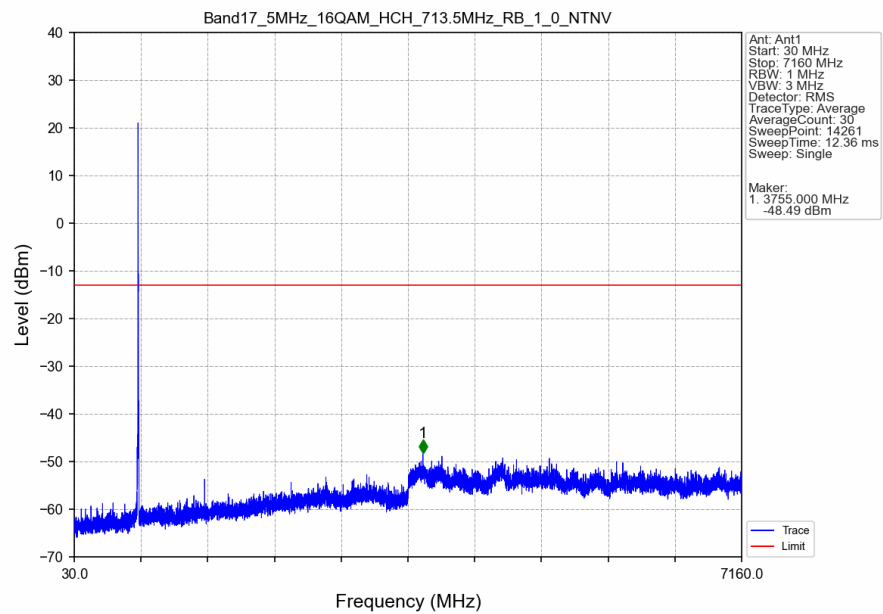


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.890	-34.41	-13	Pass
703.9	704	0.03	/	2	703.990	-37.65	-13	Pass
704	709	0.03	/	/	/	/	/	/

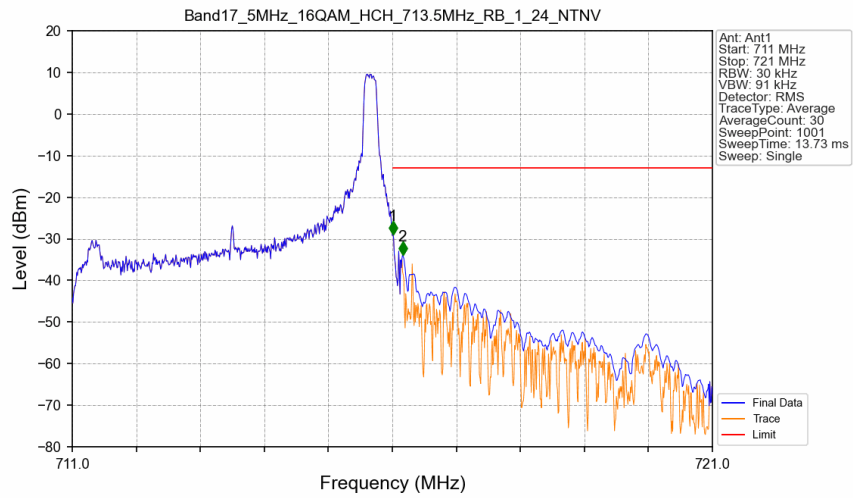
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTN

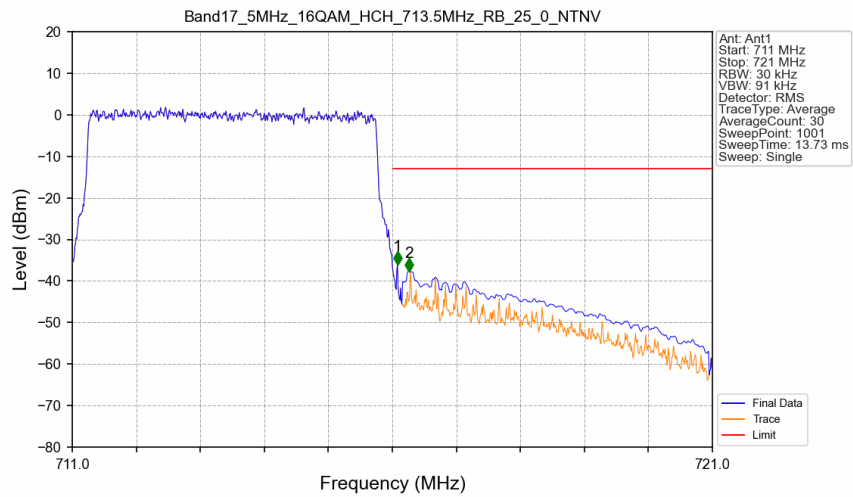


Band17 5MHz 16QAM HCH 713.5MHz RB 1 24 NTV



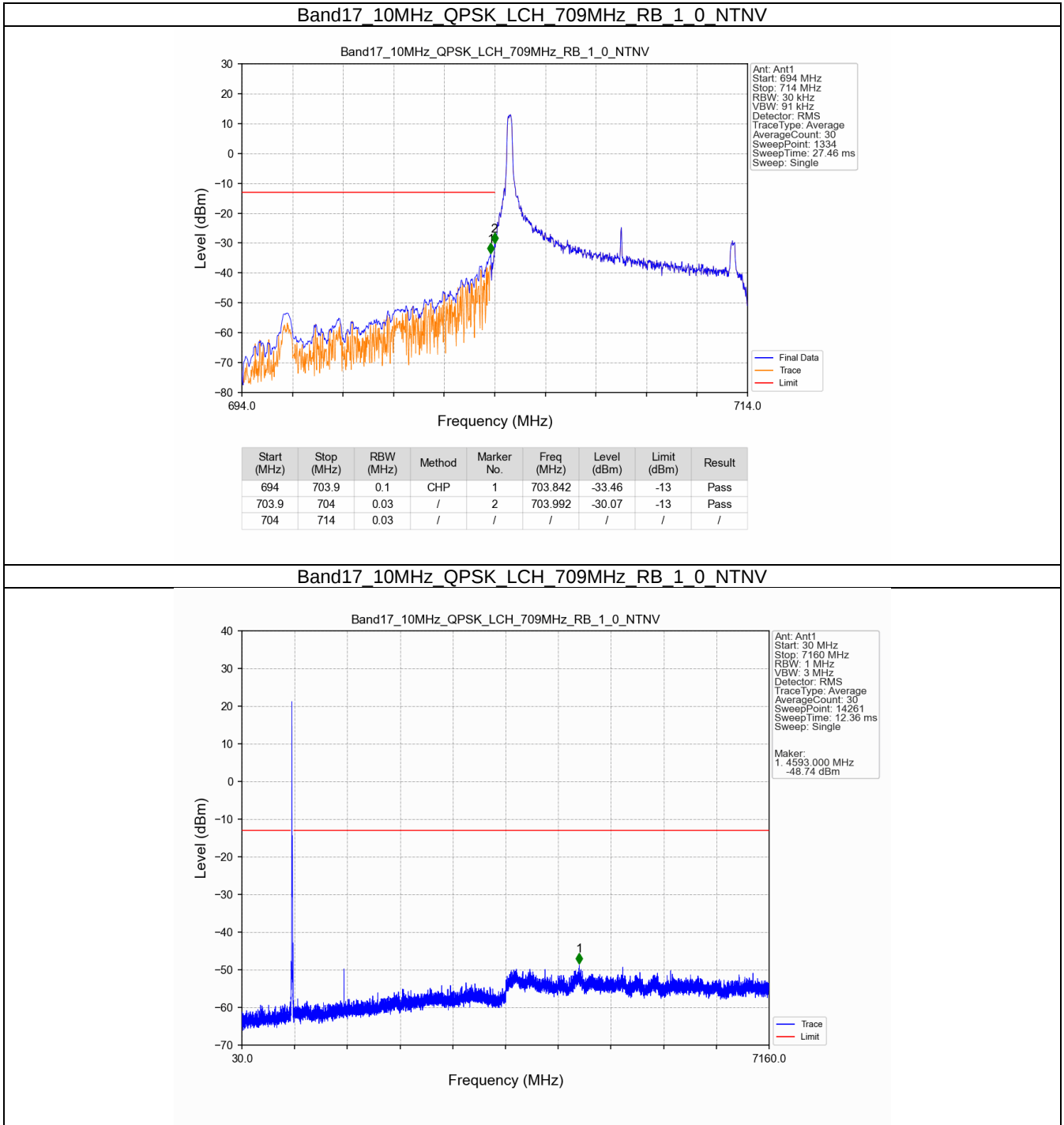
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-28.86	-13	Pass
716.1	721	0.1	CHP	2	716.160	-33.85	-13	Pass

Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV

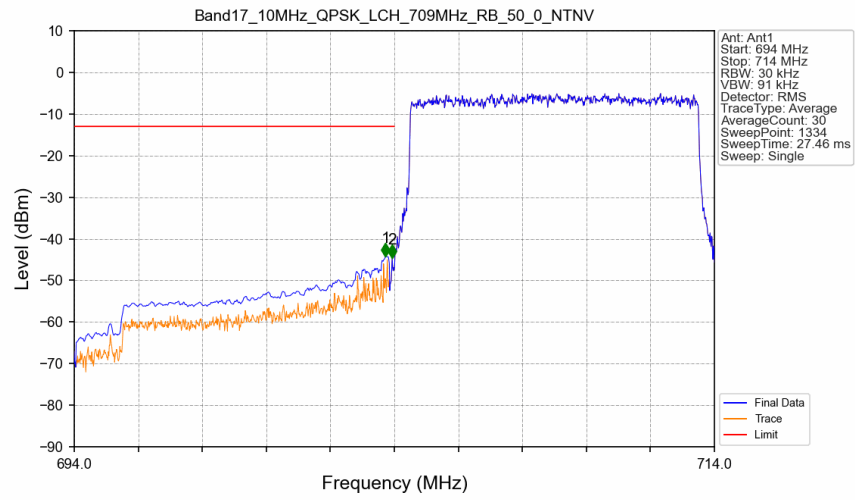


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.080	-36.02	-13	Pass
716.1	721	0.1	CHP	2	716.260	-37.65	-13	Pass

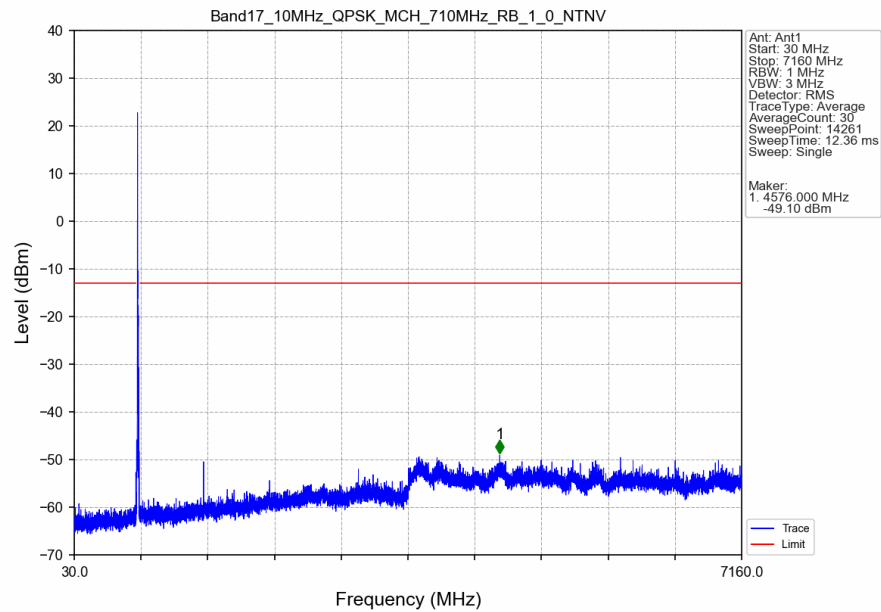
5.2.2 B17_10MHz



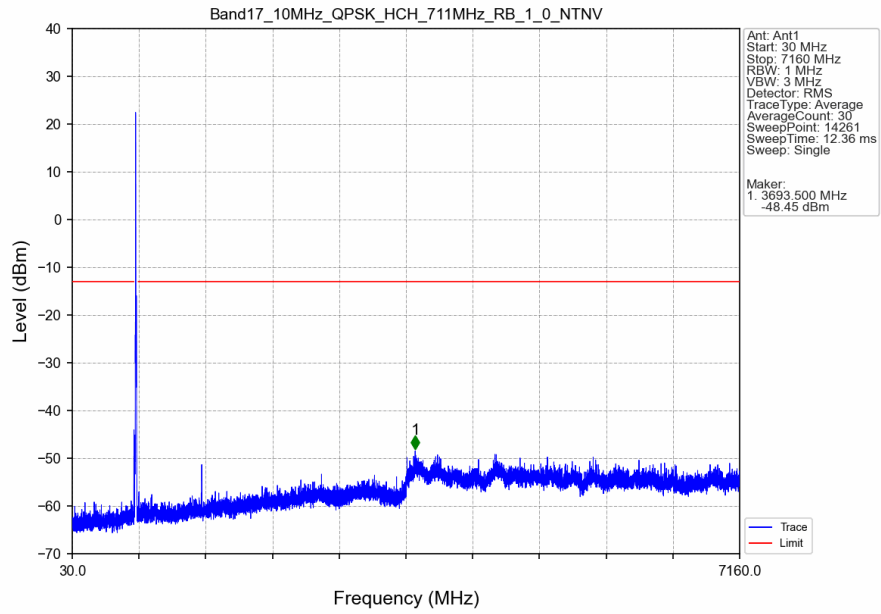
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTNV



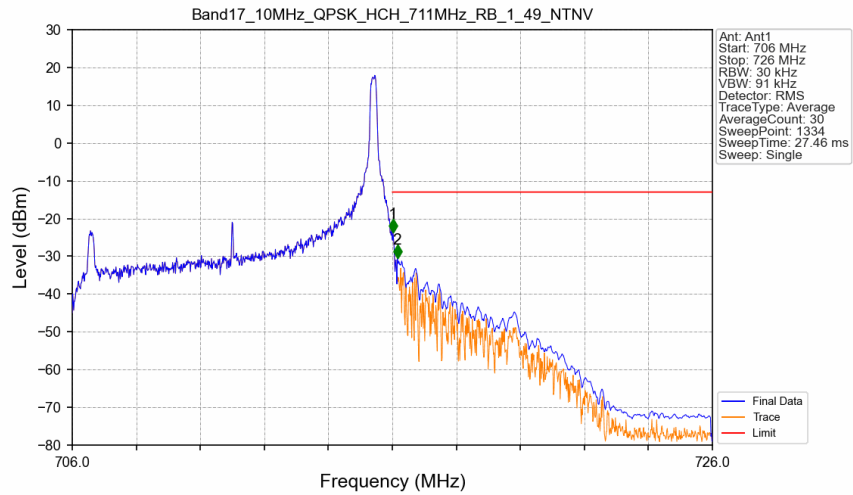
Band17 10MHz QPSK MCH 710MHz RB 1 0 NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

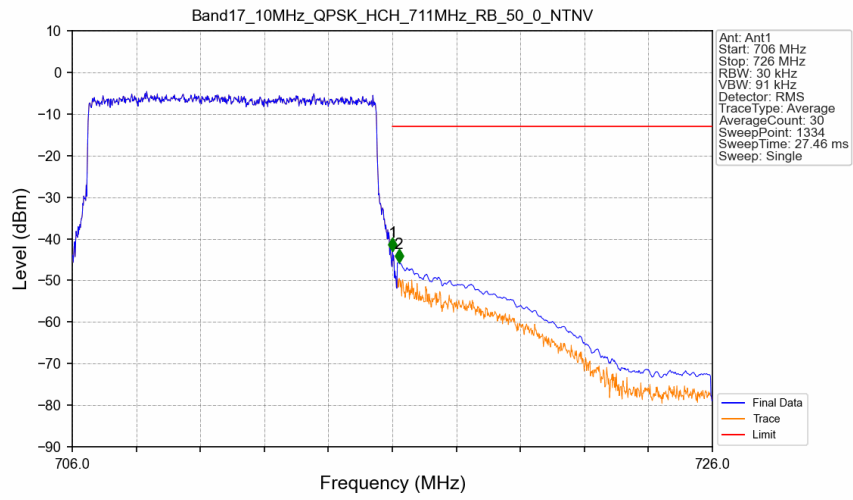


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



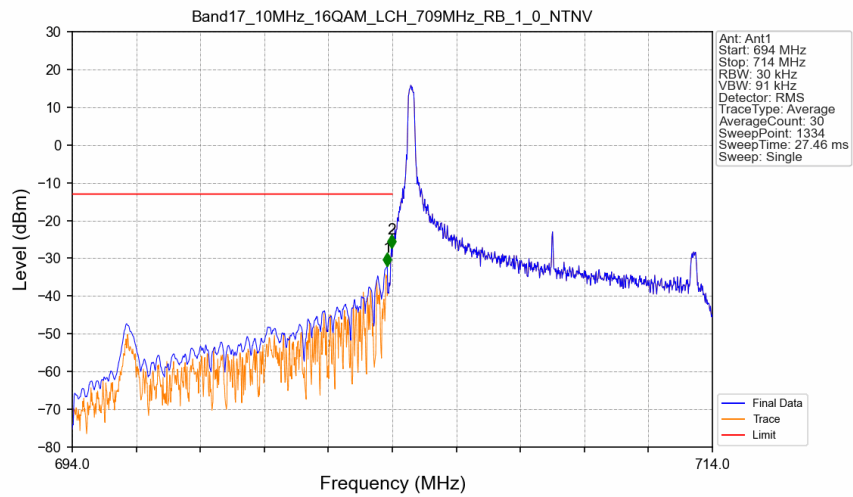
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-23.62	-13	Pass
716.1	726	0.1	CHP	2	716.158	-30.38	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



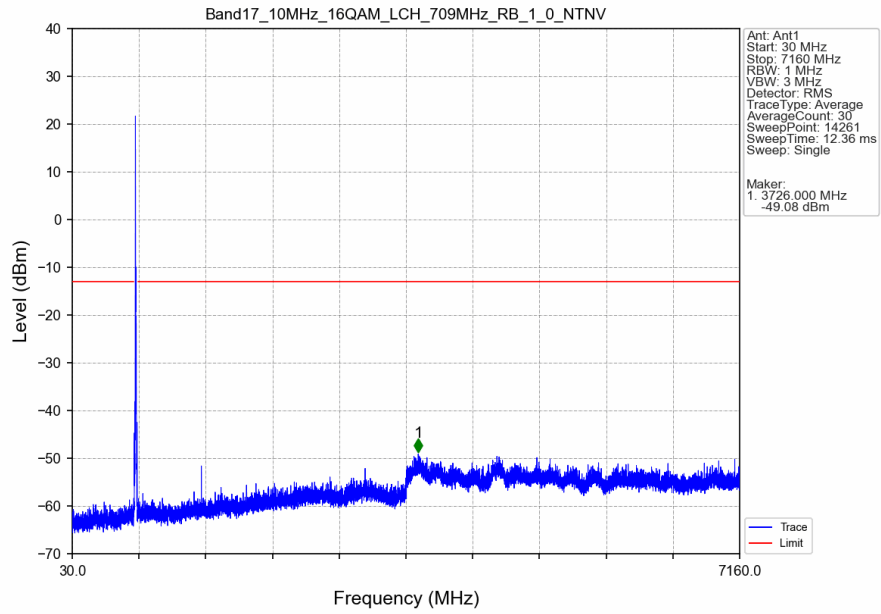
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-42.89	-13	Pass
716.1	726	0.1	CHP	2	716.203	-45.63	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

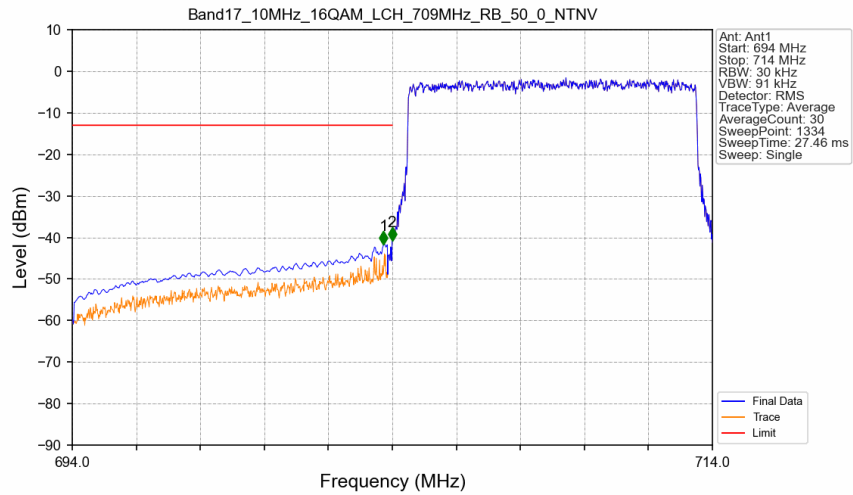


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-32.07	-13	Pass
703.9	704	0.03	/	2	703.977	-27.31	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

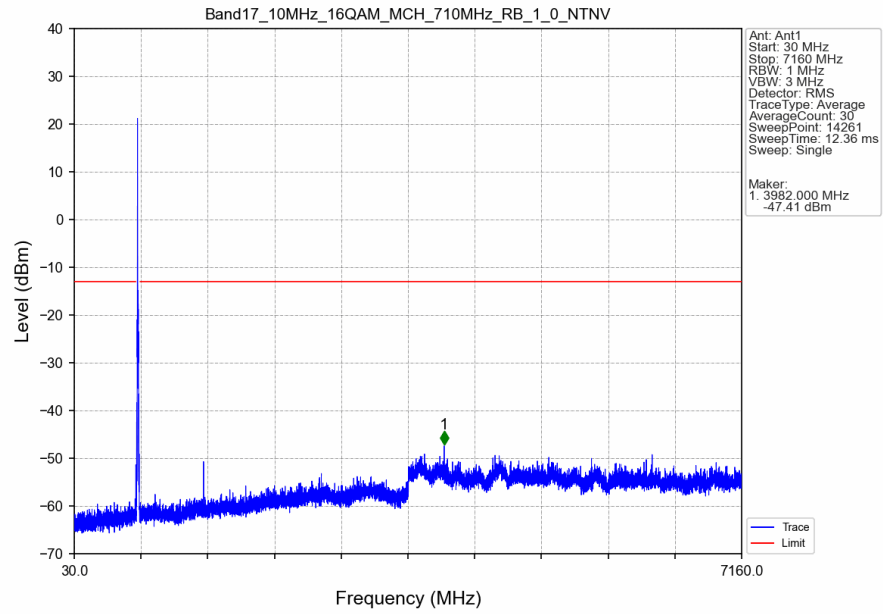


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

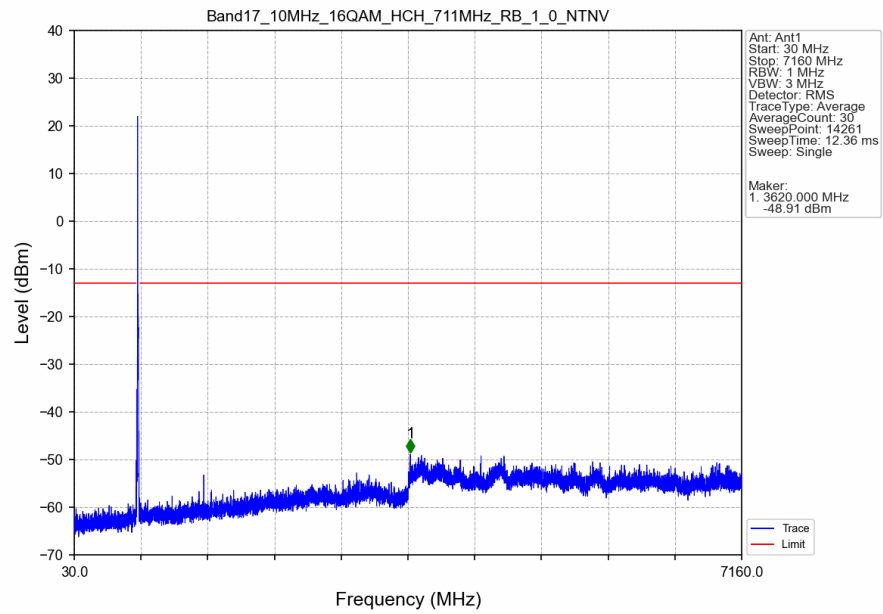


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.722	-41.59	-13	Pass
703.9	704	0.03	/	2	703.992	-40.71	-13	Pass
704	714	0.03	/	/	/	/	/	/

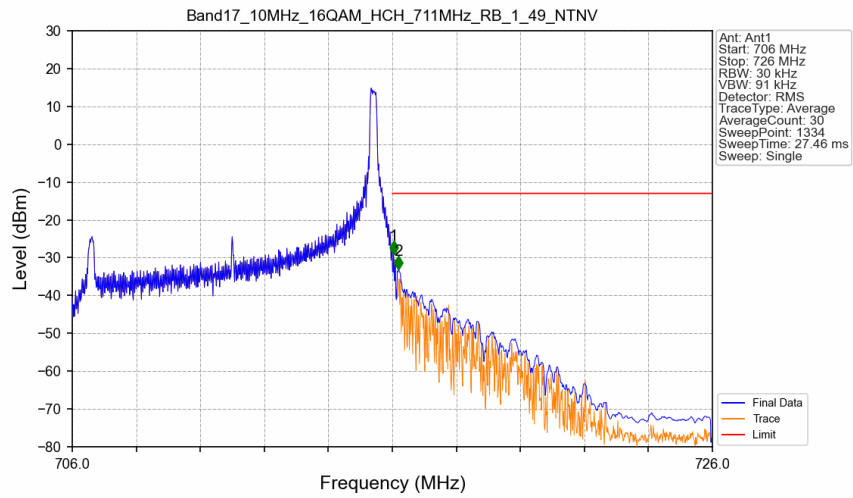
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

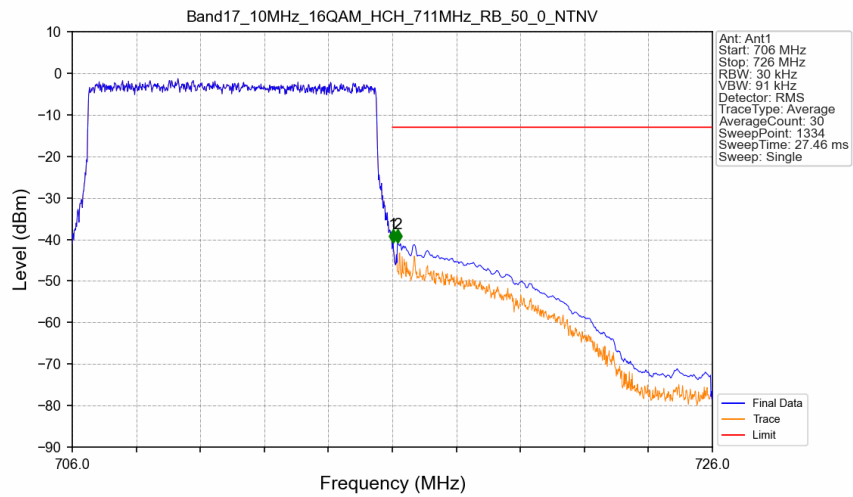


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-29.06	-13	Pass
716.1	726	0.1	CHP	2	716.188	-33.12	-13	Pass

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-40.73	-13	Pass
716.1	726	0.1	CHP	2	716.173	-40.78	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 17-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3003.173	-55.88	-13	-42.88	-59.85	2.96	6.93	Horizontal	Pass
9538.543	-49.6	-13	-36.6	-57.98	4.84	13.22	Horizontal	Pass
11842.69	-51.36	-13	-38.36	-59.56	5.05	13.25	Horizontal	Pass
1420.89	-62.9	-13	-49.9	-66.34	1.94	5.38	Vertical	Pass
5138.579	-50.09	-13	-37.09	-56.07	4.25	10.23	Vertical	Pass
9611.663	-49.19	-13	-36.19	-57.5	4.88	13.19	Vertical	Pass

LTE Band 17-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
2920.248	-55.78	-13	-42.78	-59.61	2.91	6.74	Horizontal	Pass
9465.979	-49.47	-13	-36.47	-57.91	4.8	13.24	Horizontal	Pass
11341.14	-51.1	-13	-38.1	-59.29	5.06	13.25	Horizontal	Pass
1457.523	-62.4	-13	-49.4	-66.04	1.97	5.61	Vertical	Pass
8996.121	-49.1	-13	-36.1	-57.74	4.57	13.21	Vertical	Pass
9538.543	-49.69	-13	-36.69	-58.07	4.84	13.22	Vertical	Pass

LTE Band 17-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
2987.923	-55.53	-13	-42.53	-59.47	2.95	6.89	Horizontal	Pass
9465.979	-49.34	-13	-36.34	-57.78	4.8	13.24	Horizontal	Pass
11963.89	-51.23	-13	-38.23	-59.44	5.05	13.26	Horizontal	Pass
1329.894	-63.17	-13	-50.17	-66.09	1.88	4.8	Vertical	Pass
4996.69	-50.24	-13	-37.24	-56.12	4.26	10.14	Vertical	Pass
9562.854	-48.35	-13	-35.35	-56.71	4.85	13.21	Vertical	Pass