1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	24.20	1.61	23.66	<=34.77	Pass
			13	24.19	1.61	23.65	<=34.77	Pass
			24	24.17	1.61	23.63	<=34.77	Pass
		12	0	23.20	1.61	22.66	<=34.77	Pass
			6	23.26	1.61	22.72	<=34.77	Pass
			13	23.14	1.61	22.60	<=34.77	Pass
		25	0	23.23	1.61	22.69	<=34.77	Pass
	710	1	0	24.18	1.61	23.64	<=34.77	Pass
			13	24.18	1.61	23.64	<=34.77	Pass
			24	24.15	1.61	23.61	<=34.77	Pass
		12	0	23.20	1.61	22.66	<=34.77	Pass
			6	23.16	1.61	22.62	<=34.77	Pass
			13	23.13	1.61	22.59	<=34.77	Pass
		25	0	23.13	1.61	22.59	<=34.77	Pass
	713.5	1	0	24.18	1.61	23.64	<=34.77	Pass
			13	24.17	1.61	23.63	<=34.77	Pass
			24	24.12	1.61	23.58	<=34.77	Pass
		12	0	23.25	1.61	22.71	<=34.77	Pass
			6	23.21	1.61	22.67	<=34.77	Pass
			13	23.08	1.61	22.54	<=34.77	Pass
		25	0	23.19	1.61	22.65	<=34.77	Pass
16QAM	706.5	1	0	23.27	1.61	22.73	<=34.77	Pass
			13	23.35	1.61	22.81	<=34.77	Pass
			24	23.32	1.61	22.78	<=34.77	Pass
		12	0	22.29	1.61	21.75	<=34.77	Pass
			6	22.31	1.61	21.77	<=34.77	Pass
			13	22.26	1.61	21.72	<=34.77	Pass
		25	0	22.28	1.61	21.74	<=34.77	Pass
	710	1	0	23.36	1.61	22.82	<=34.77	Pass
			13	23.39	1.61	22.85	<=34.77	Pass
			24	23.34	1.61	22.80	<=34.77	Pass
		12	0	22.26	1.61	21.72	<=34.77	Pass
			6	22.22	1.61	21.68	<=34.77	Pass
			13	22.23	1.61	21.69	<=34.77	Pass
		25	0	22.20	1.61	21.66	<=34.77	Pass
	713.5	1	0	23.28	1.61	22.74	<=34.77	Pass
			13	23.29	1.61	22.75	<=34.77	Pass
			24	23.18	1.61	22.64	<=34.77	Pass
		12	0	22.33	1.61	21.79	<=34.77	Pass
			6	22.26	1.61	21.72	<=34.77	Pass
			13	22.17	1.61	21.63	<=34.77	Pass
		25	0	22.24	1.61	21.70	<=34.77	Pass
64QAM	706.5	1	0	22.50	1.61	21.96	<=34.77	Pass
			13	22.52	1.61	21.98	<=34.77	Pass
			24	22.43	1.61	21.89	<=34.77	Pass
		12	0	21.25	1.61	20.71	<=34.77	Pass
			6	21.25	1.61	20.71	<=34.77	Pass
			13	21.18	1.61	20.64	<=34.77	Pass
		25	0	21.15	1.61	20.61	<=34.77	Pass
	710	1	0	22.41	1.61	21.87	<=34.77	Pass

			13	22.45	1.61	21.91	<=34.77	Pass
			24	22.40	1.61	21.86	<=34.77	Pass
		12	0	21.27	1.61	20.73	<=34.77	Pass
			6	21.21	1.61	20.67	<=34.77	Pass
			13	21.16	1.61	20.62	<=34.77	Pass
		25	0	21.04	1.61	20.50	<=34.77	Pass
	713.5	1	0	22.46	1.61	21.92	<=34.77	Pass
			13	22.34	1.61	21.80	<=34.77	Pass
			24	22.23	1.61	21.69	<=34.77	Pass
		12	0	21.28	1.61	20.74	<=34.77	Pass
			6	21.23	1.61	20.69	<=34.77	Pass
			13	21.09	1.61	20.55	<=34.77	Pass
		25	0	21.21	1.61	20.67	<=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	24.21	1.61	23.67	<=34.77	Pass
			25	24.22	1.61	23.68	<=34.77	Pass
			49	24.15	1.61	23.61	<=34.77	Pass
		25	0	23.21	1.61	22.67	<=34.77	Pass
			13	23.32	1.61	22.78	<=34.77	Pass
			25	23.25	1.61	22.71	<=34.77	Pass
		50	0	23.17	1.61	22.63	<=34.77	Pass
	710	1	0	24.20	1.61	23.66	<=34.77	Pass
			25	24.24	1.61	23.70	<=34.77	Pass
			49	24.09	1.61	23.55	<=34.77	Pass
		25	0	23.20	1.61	22.66	<=34.77	Pass
			13	23.18	1.61	22.64	<=34.77	Pass
			25	23.16	1.61	22.62	<=34.77	Pass
		50	0	23.17	1.61	22.63	<=34.77	Pass
	711	1	0	24.18	1.61	23.64	<=34.77	Pass
			25	24.18	1.61	23.64	<=34.77	Pass
			49	24.06	1.61	23.52	<=34.77	Pass
		25	0	23.22	1.61	22.68	<=34.77	Pass
			13	23.23	1.61	22.69	<=34.77	Pass
			25	23.17	1.61	22.63	<=34.77	Pass
		50	0	23.13	1.61	22.59	<=34.77	Pass
16QAM	709	1	0	23.45	1.61	22.91	<=34.77	Pass
			25	23.49	1.61	22.95	<=34.77	Pass
			49	23.30	1.61	22.76	<=34.77	Pass
		25	0	22.24	1.61	21.70	<=34.77	Pass
			13	22.31	1.61	21.77	<=34.77	Pass
			25	22.30	1.61	21.76	<=34.77	Pass
		50	0	22.21	1.61	21.67	<=34.77	Pass
	710	1	0	23.36	1.61	22.82	<=34.77	Pass
			25	23.49	1.61	22.95	<=34.77	Pass
			49	23.13	1.61	22.59	<=34.77	Pass
		25	0	22.25	1.61	21.71	<=34.77	Pass
			13	22.22	1.61	21.68	<=34.77	Pass
			25	22.17	1.61	21.63	<=34.77	Pass
		50	0	22.21	1.61	21.67	<=34.77	Pass
	711	1	0	23.38	1.61	22.84	<=34.77	Pass
			25	23.39	1.61	22.85	<=34.77	Pass
			49	23.32	1.61	22.78	<=34.77	Pass
		25	0	22.24	1.61	21.70	<=34.77	Pass

			13	22.25	1.61	21.71	<=34.77	Pass
			25	22.20	1.61	21.66	<=34.77	Pass
		50	0	22.24	1.61	21.70	<=34.77	Pass
64QAM	709	1	0	22.51	1.61	21.97	<=34.77	Pass
			25	22.48	1.61	21.94	<=34.77	Pass
			49	22.19	1.61	21.65	<=34.77	Pass
		25	0	21.21	1.61	20.67	<=34.77	Pass
			13	21.27	1.61	20.73	<=34.77	Pass
			25	21.21	1.61	20.67	<=34.77	Pass
		50	0	21.11	1.61	20.57	<=34.77	Pass
	710	1	0	22.47	1.61	21.93	<=34.77	Pass
			25	22.46	1.61	21.92	<=34.77	Pass
			49	22.30	1.61	21.76	<=34.77	Pass
		25	0	21.21	1.61	20.67	<=34.77	Pass
			13	21.15	1.61	20.61	<=34.77	Pass
			25	21.10	1.61	20.56	<=34.77	Pass
		50	0	21.12	1.61	20.58	<=34.77	Pass
	711	1	0	22.48	1.61	21.94	<=34.77	Pass
			25	22.53	1.61	21.99	<=34.77	Pass
			49	22.23	1.61	21.69	<=34.77	Pass
		25	0	21.23	1.61	20.69	<=34.77	Pass
			13	21.13	1.61	20.59	<=34.77	Pass
			25	21.15	1.61	20.61	<=34.77	Pass
		50	0	21.13	1.61	20.59	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 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	3.3	-1.200	-0.0017	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	-0.600	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	-1.200	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	-0.700	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				10	3.8	-1.300	-0.0018	-2.5 to 2.5	Pass
				30	3.8	-0.200	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				50	3.8	-2.600	-0.0037	-2.5 to 2.5	Pass
	710	50	0	20	3.3	-2.100	-0.0030	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	0.300	0.0004	-2.5 to 2.5	Pass
				-30	3.8	-0.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-3.100	-0.0044	-2.5 to 2.5	Pass
				-10	3.8	-1.800	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-1.500	-0.0021	-2.5 to 2.5	Pass
				10	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				30	3.8	-1.200	-0.0017	-2.5 to 2.5	Pass
				40	3.8	-1.800	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-2.700	-0.0038	-2.5 to 2.5	Pass
	711	50	0	20	3.3	-1.400	-0.0020	-2.5 to 2.5	Pass
					3.8	-1.400	-0.0020	-2.5 to 2.5	Pass
					4.4	-1.800	-0.0025	-2.5 to 2.5	Pass
				-30	3.8	-1.400	-0.0020	-2.5 to 2.5	Pass
				-20	3.8	-0.600	-0.0008	-2.5 to 2.5	Pass
				-10	3.8	-2.300	-0.0032	-2.5 to 2.5	Pass
				0	3.8	-3.200	-0.0045	-2.5 to 2.5	Pass
				10	3.8	-1.900	-0.0027	-2.5 to 2.5	Pass
				30	3.8	-1.400	-0.0020	-2.5 to 2.5	Pass
				40	3.8	-2.000	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-1.500	-0.0021	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.3	-1.800	-0.0025	-2.5 to 2.5	Pass
					3.8	1.400	0.0020	-2.5 to 2.5	Pass
					4.4	-1.800	-0.0025	-2.5 to 2.5	Pass
				-30	3.8	-0.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-1.500	-0.0021	-2.5 to 2.5	Pass
				-10	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.8	-1.300	-0.0018	-2.5 to 2.5	Pass
				10	3.8	-2.200	-0.0031	-2.5 to 2.5	Pass
				30	3.8	-1.200	-0.0017	-2.5 to 2.5	Pass
				40	3.8	-1.200	-0.0017	-2.5 to 2.5	Pass
				50	3.8	-1.900	-0.0027	-2.5 to 2.5	Pass
	710	50	0	20	3.3	-0.500	-0.0007	-2.5 to 2.5	Pass
					3.8	-1.400	-0.0020	-2.5 to 2.5	Pass
					4.4	-1.500	-0.0021	-2.5 to 2.5	Pass
				-30	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass

				-20	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				0	3.8	-1.400	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-1.600	-0.0023	-2.5 to 2.5	Pass
				30	3.8	-3.300	-0.0046	-2.5 to 2.5	Pass
				40	3.8	-2.000	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-0.500	-0.0007	-2.5 to 2.5	Pass
	711	50	0	20	3.3	-1.700	-0.0024	-2.5 to 2.5	Pass
					3.8	-0.500	-0.0007	-2.5 to 2.5	Pass
					4.4	-1.900	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-1.100	-0.0015	-2.5 to 2.5	Pass
				-20	3.8	-1.500	-0.0021	-2.5 to 2.5	Pass
				-10	3.8	-1.700	-0.0024	-2.5 to 2.5	Pass
				0	3.8	-0.900	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-2.500	-0.0035	-2.5 to 2.5	Pass
				30	3.8	-1.500	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-0.700	-0.0010	-2.5 to 2.5	Pass
				50	3.8	-3.600	-0.0051	-2.5 to 2.5	Pass
64QAM	709	50	0	20	3.3	8.600	0.0121	-2.5 to 2.5	Pass
					3.8	21.300	0.0300	-2.5 to 2.5	Pass
					4.4	-10.400	-0.0147	-2.5 to 2.5	Pass
				-30	3.8	-25.600	-0.0361	-2.5 to 2.5	Pass
				-20	3.8	8.400	0.0118	-2.5 to 2.5	Pass
				-10	3.8	-19.100	-0.0269	-2.5 to 2.5	Pass
				0	3.8	21.800	0.0307	-2.5 to 2.5	Pass
				10	3.8	-27.100	-0.0382	-2.5 to 2.5	Pass
				30	3.8	1.200	0.0017	-2.5 to 2.5	Pass
				40	3.8	9.000	0.0127	-2.5 to 2.5	Pass
				50	3.8	-25.700	-0.0362	-2.5 to 2.5	Pass
	710	50	0	20	3.3	15.900	0.0224	-2.5 to 2.5	Pass
					3.8	-6.600	-0.0093	-2.5 to 2.5	Pass
					4.4	19.000	0.0268	-2.5 to 2.5	Pass
				-30	3.8	-0.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	16.700	0.0235	-2.5 to 2.5	Pass
				-10	3.8	-7.700	-0.0108	-2.5 to 2.5	Pass
				0	3.8	18.800	0.0265	-2.5 to 2.5	Pass
				10	3.8	5.500	0.0077	-2.5 to 2.5	Pass
				30	3.8	-2.200	-0.0031	-2.5 to 2.5	Pass
				40	3.8	2.000	0.0028	-2.5 to 2.5	Pass
				50	3.8	-15.600	-0.0220	-2.5 to 2.5	Pass
	711	50	0	20	3.3	2.000	0.0028	-2.5 to 2.5	Pass
					3.8	-3.200	-0.0045	-2.5 to 2.5	Pass
					4.4	15.500	0.0218	-2.5 to 2.5	Pass
				-30	3.8	3.500	0.0049	-2.5 to 2.5	Pass
				-20	3.8	3.700	0.0052	-2.5 to 2.5	Pass
				-10	3.8	-23.200	-0.0326	-2.5 to 2.5	Pass
				0	3.8	15.800	0.0222	-2.5 to 2.5	Pass
				10	3.8	6.600	0.0093	-2.5 to 2.5	Pass
				30	3.8	17.200	0.0242	-2.5 to 2.5	Pass
				40	3.8	1.000	0.0014	-2.5 to 2.5	Pass
				50	3.8	1.100	0.0015	-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	4.552	/	Pass
		710	25	0	4.556	/	Pass
		713.5	25	0	4.559	/	Pass
	16QAM	706.5	25	0	4.545	/	Pass
		710	25	0	4.565	/	Pass
		713.5	25	0	4.545	/	Pass
	64QAM	706.5	25	0	4.540	/	Pass
		710	25	0	4.548	/	Pass
		713.5	25	0	4.551	/	Pass
10	QPSK	709	50	0	9.039	/	Pass
		710	50	0	9.035	/	Pass
		711	50	0	9.078	/	Pass
	16QAM	709	50	0	9.057	/	Pass
		710	50	0	9.033	/	Pass
		711	50	0	9.061	/	Pass
	64QAM	709	50	0	9.063	/	Pass
		710	50	0	9.054	/	Pass
		711	50	0	9.062	/	Pass

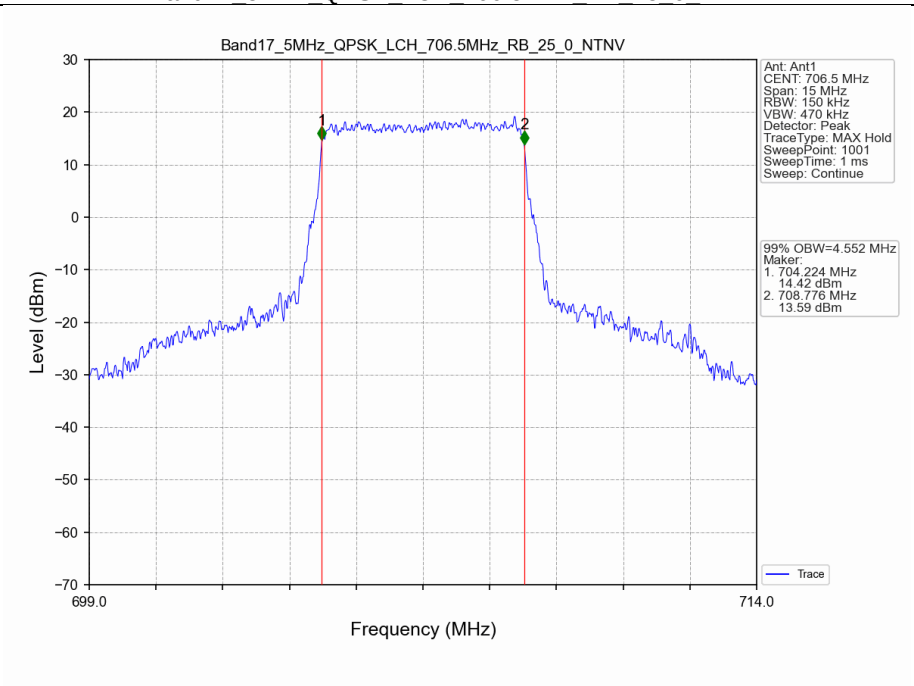
3.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.225	/	Pass
		710	25	0	5.240	/	Pass
		713.5	25	0	5.211	/	Pass
	16QAM	706.5	25	0	5.213	/	Pass
		710	25	0	5.237	/	Pass
		713.5	25	0	5.272	/	Pass
	64QAM	706.5	25	0	5.239	/	Pass
		710	25	0	5.261	/	Pass
		713.5	25	0	5.211	/	Pass
10	QPSK	709	50	0	10.118	/	Pass
		710	50	0	10.152	/	Pass
		711	50	0	10.153	/	Pass
	16QAM	709	50	0	10.166	/	Pass
		710	50	0	10.191	/	Pass
		711	50	0	10.140	/	Pass
	64QAM	709	50	0	10.250	/	Pass
		710	50	0	10.016	/	Pass
		711	50	0	10.095	/	Pass

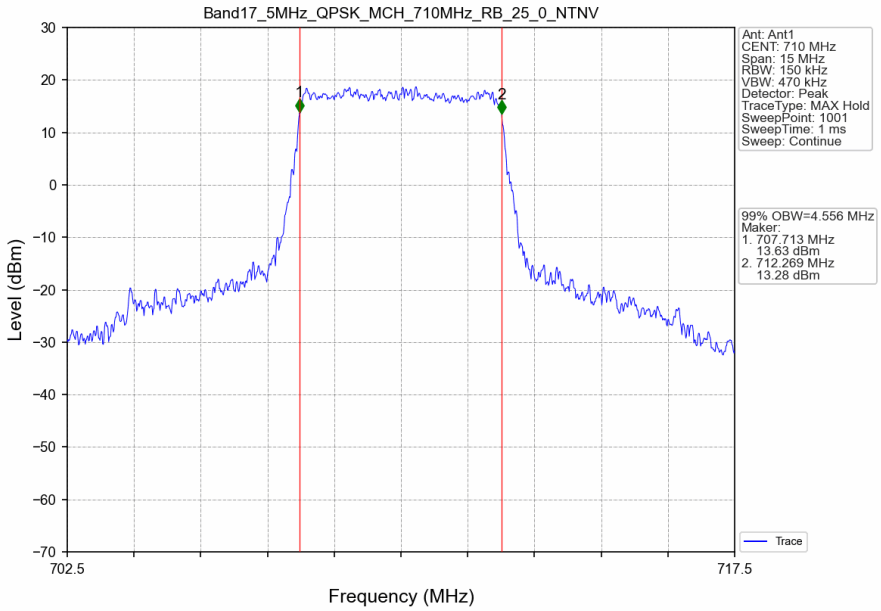
3.2 Test Graph

3.2.1 Band17_OBW

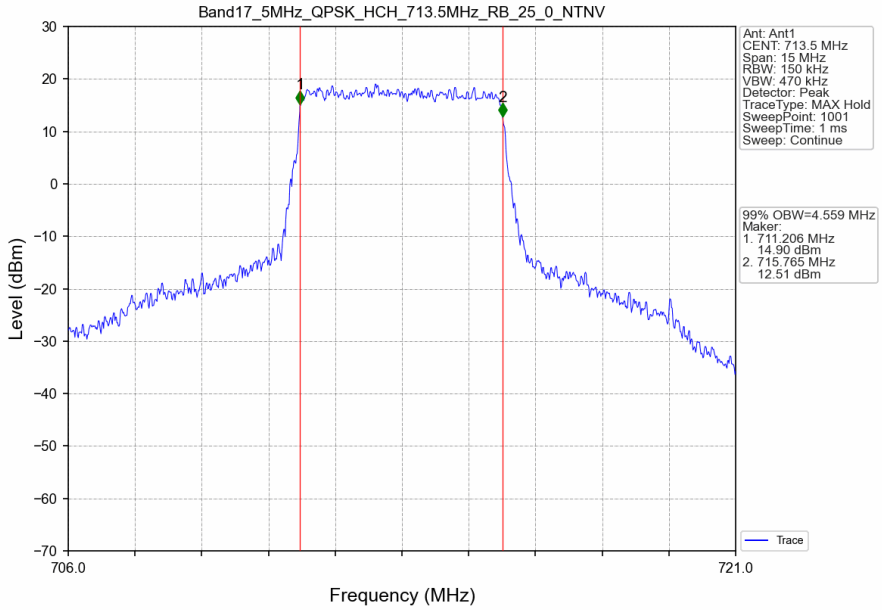
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



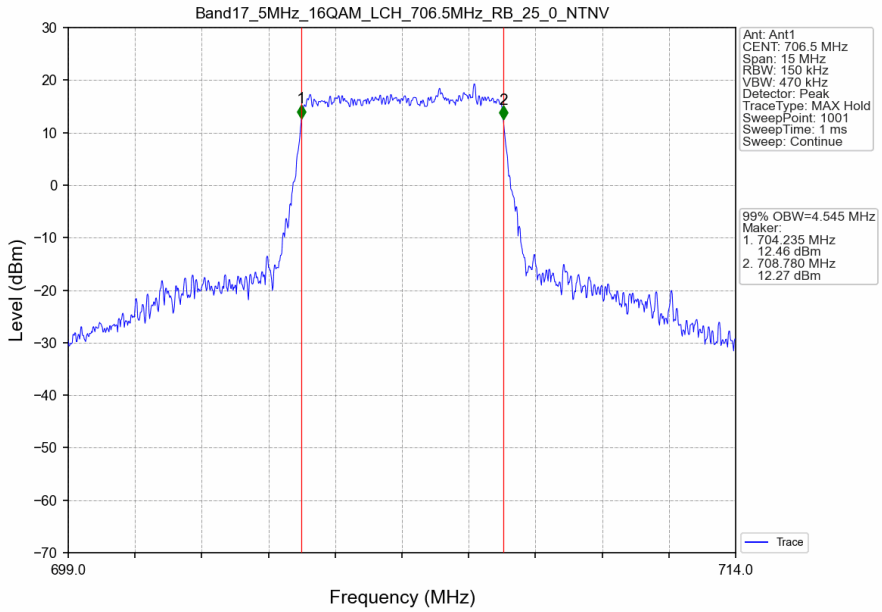
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



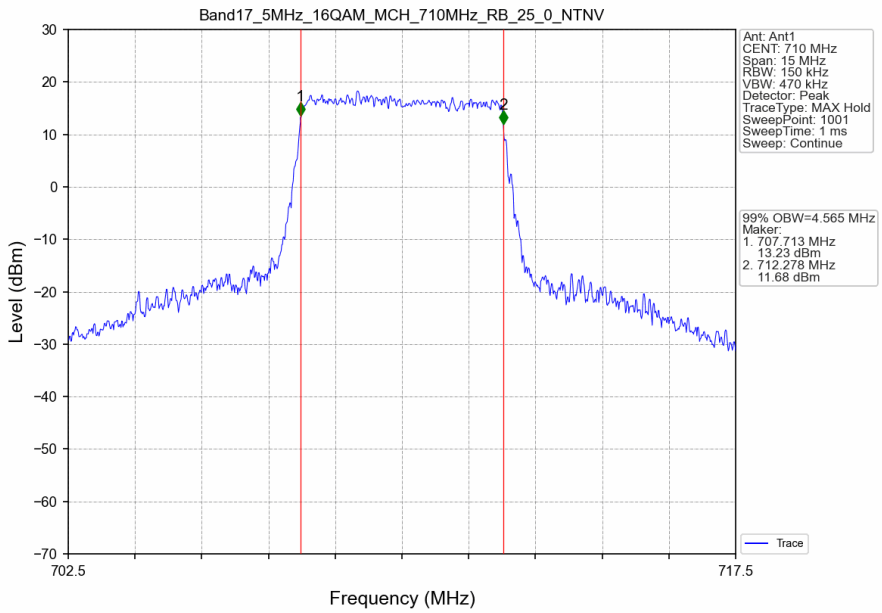
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



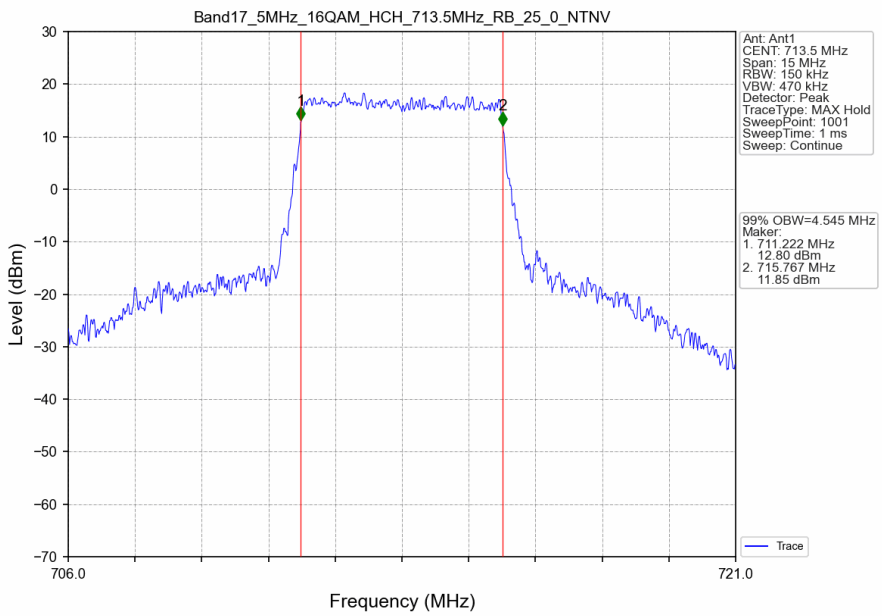
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



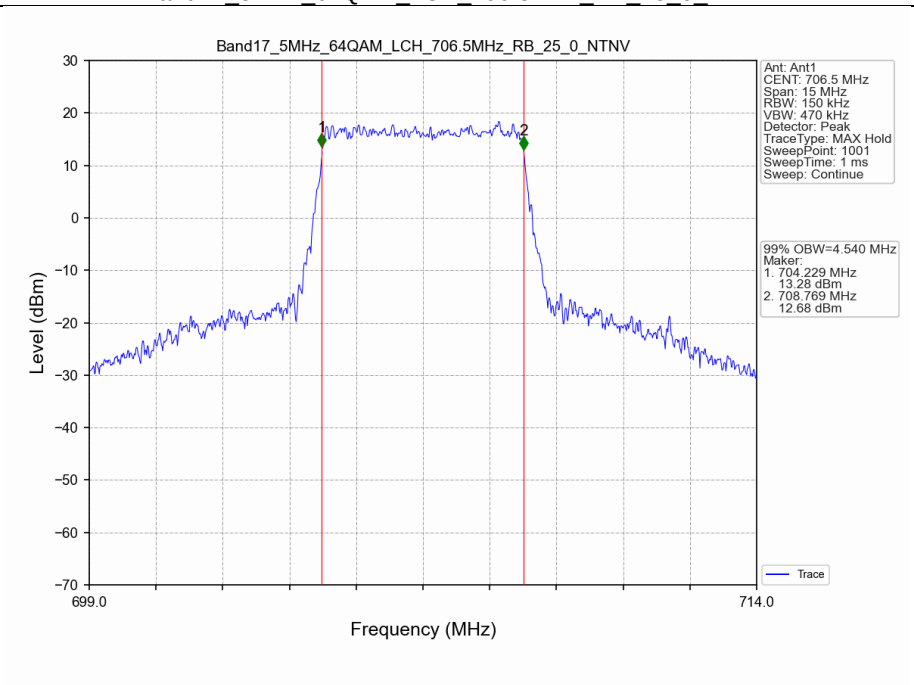
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



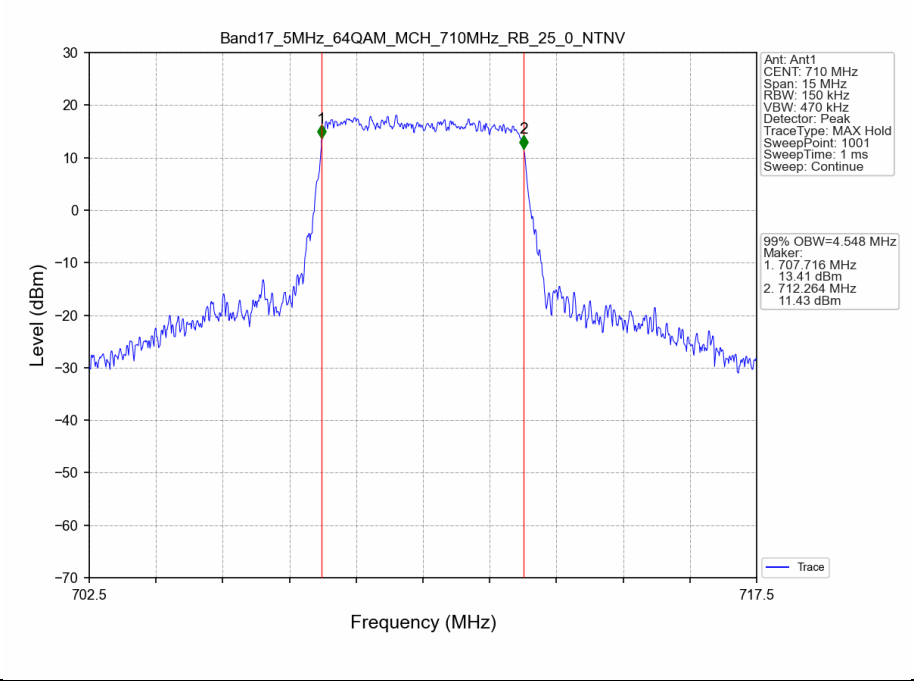
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



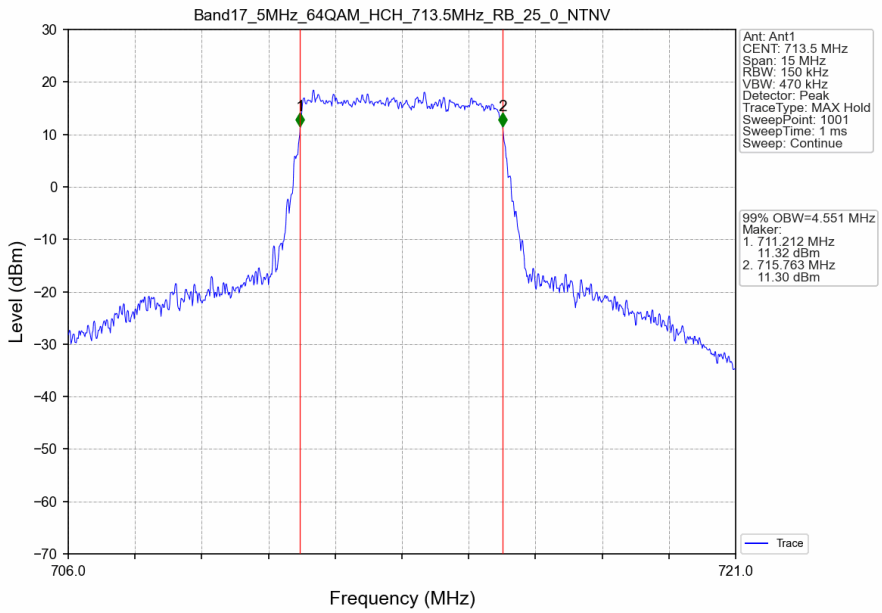
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



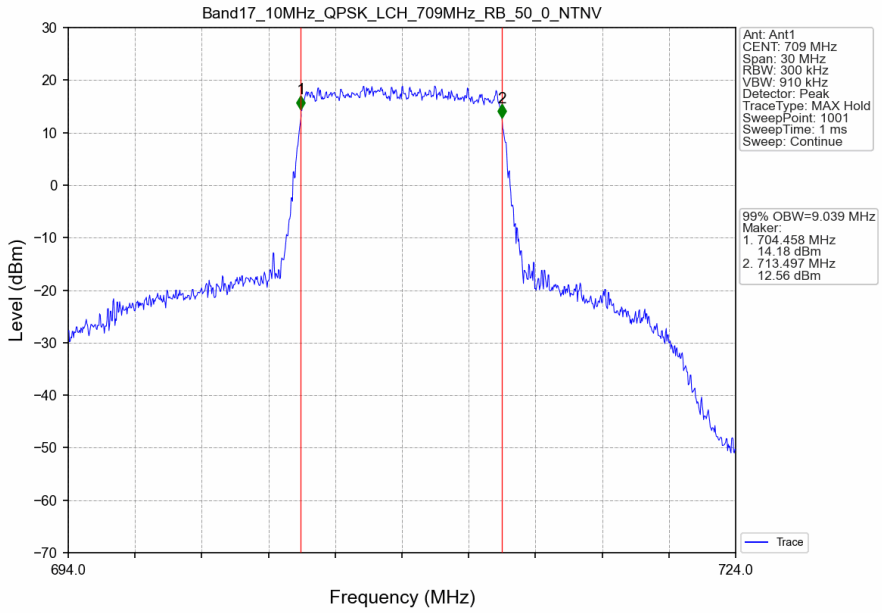
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



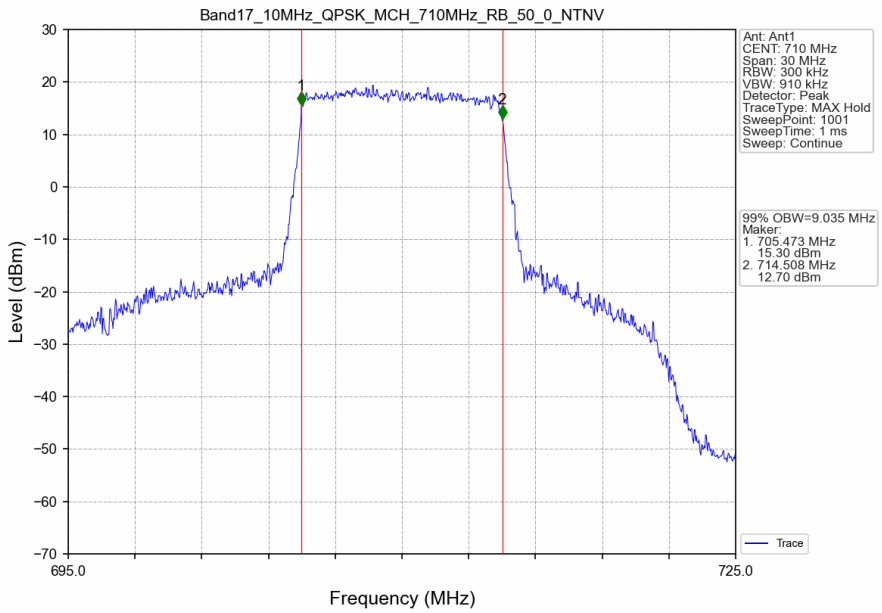
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



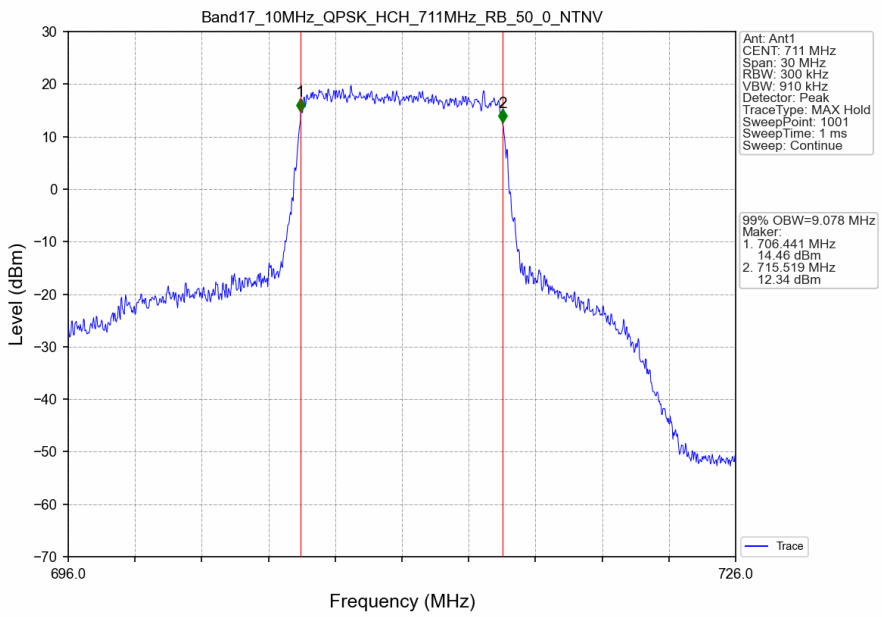
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



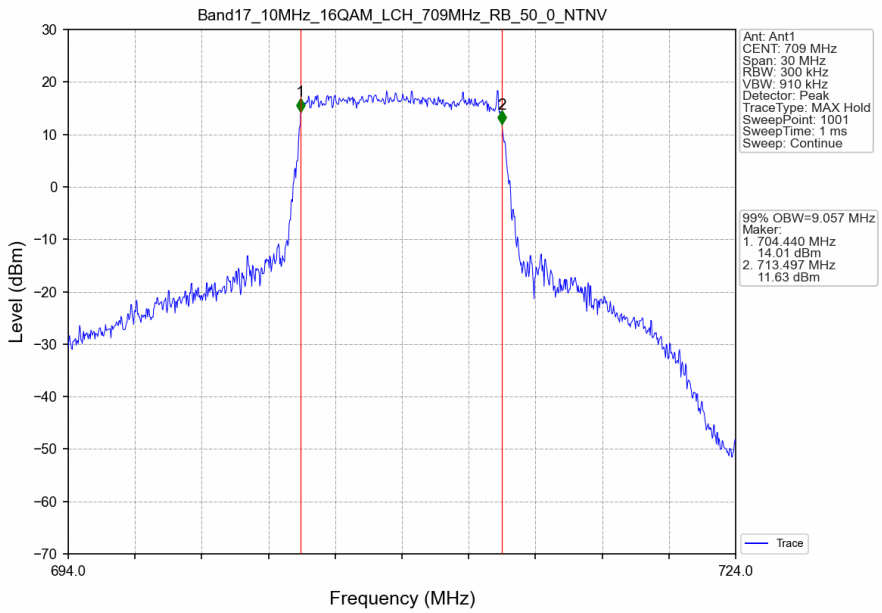
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



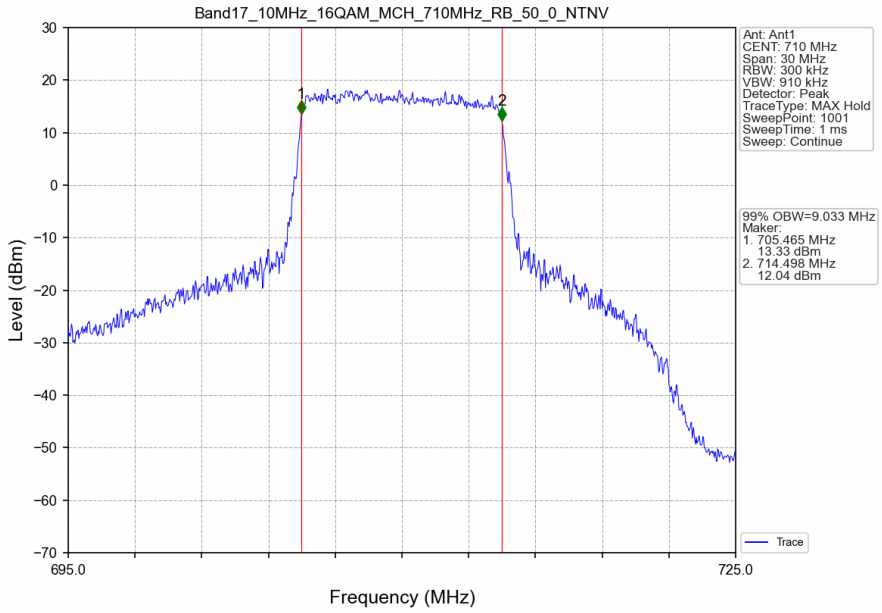
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



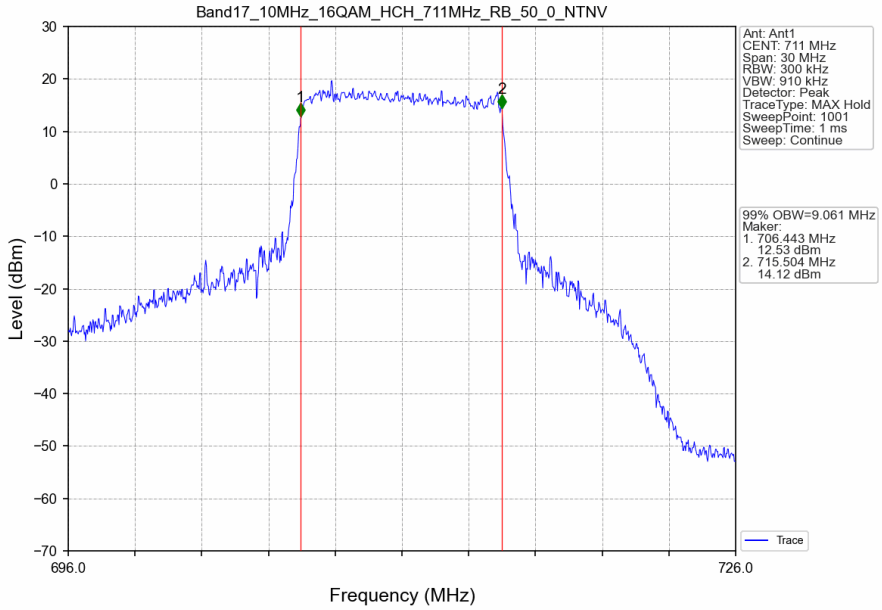
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



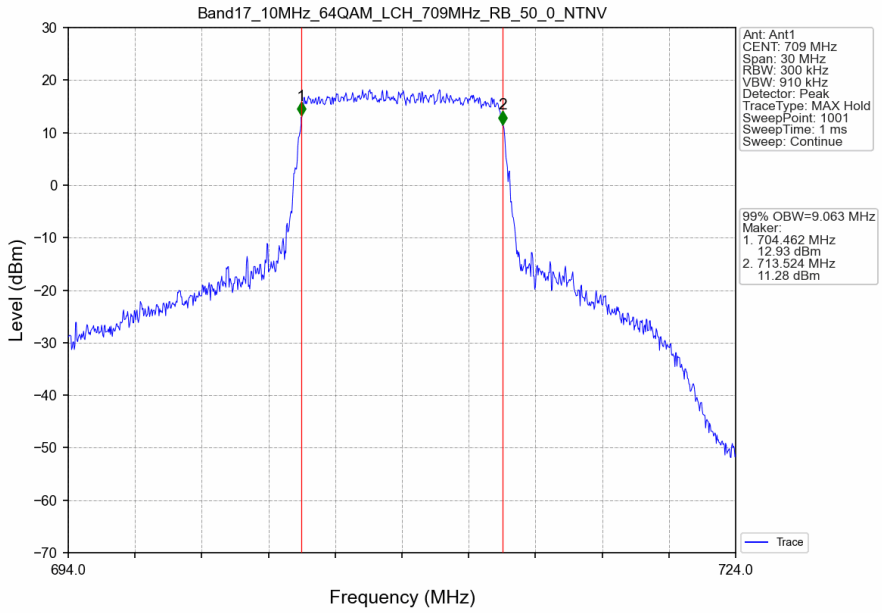
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



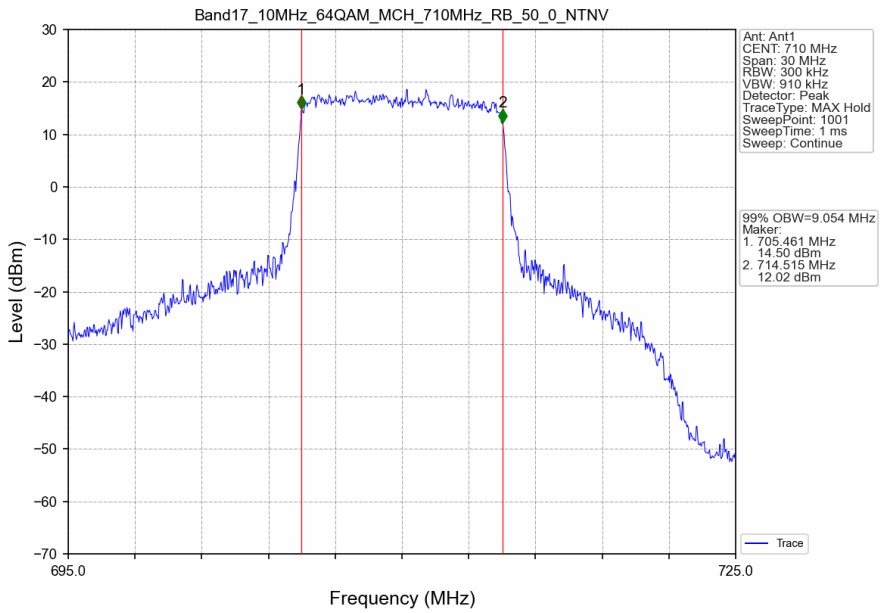
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



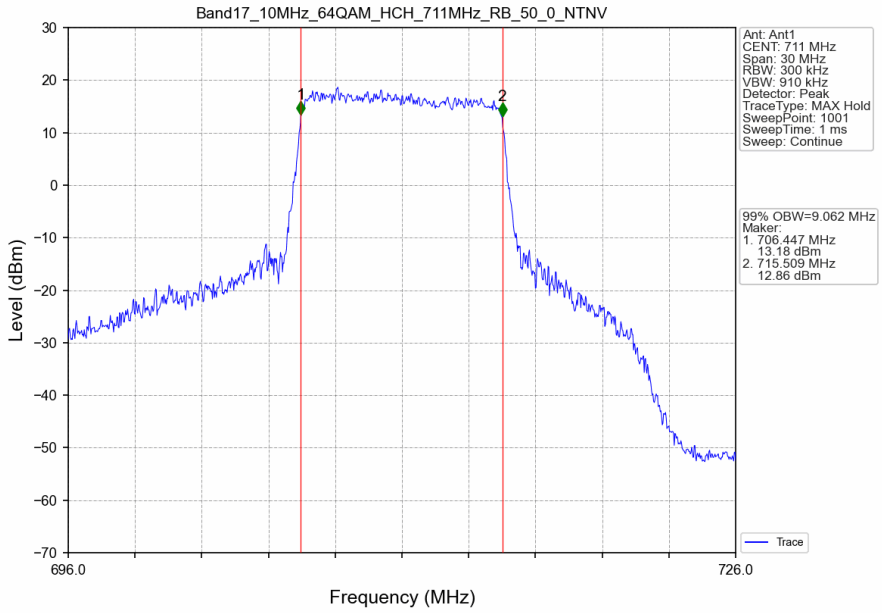
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV

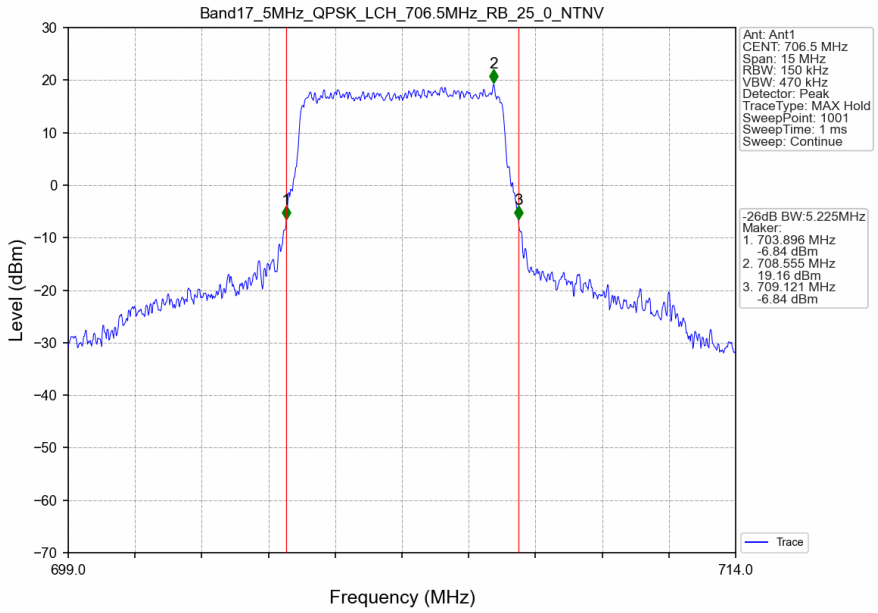


Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

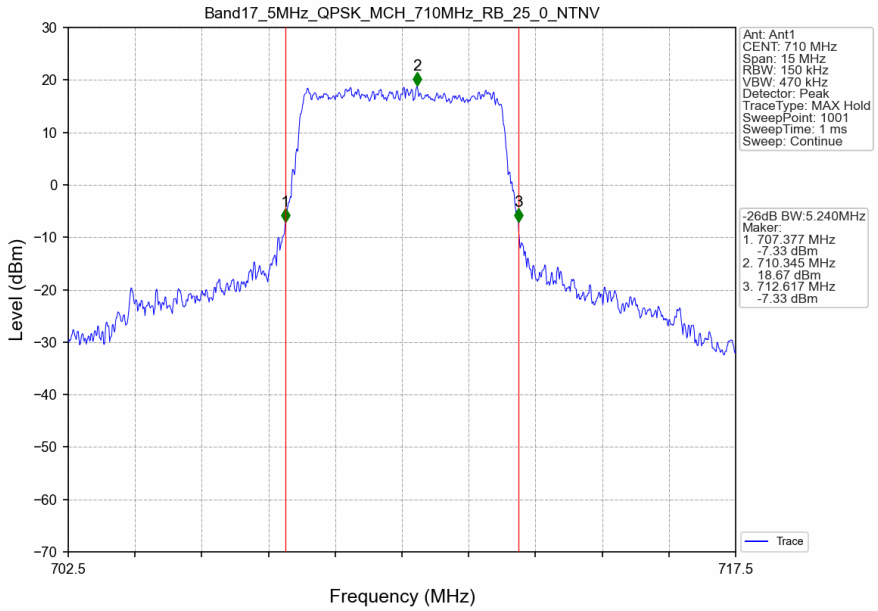


3.2.2 Band17_XDB

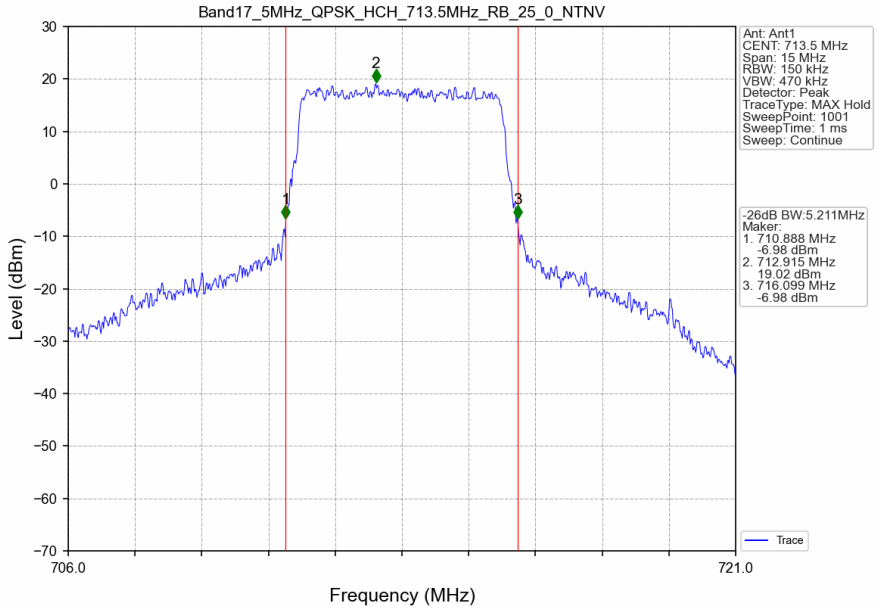
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



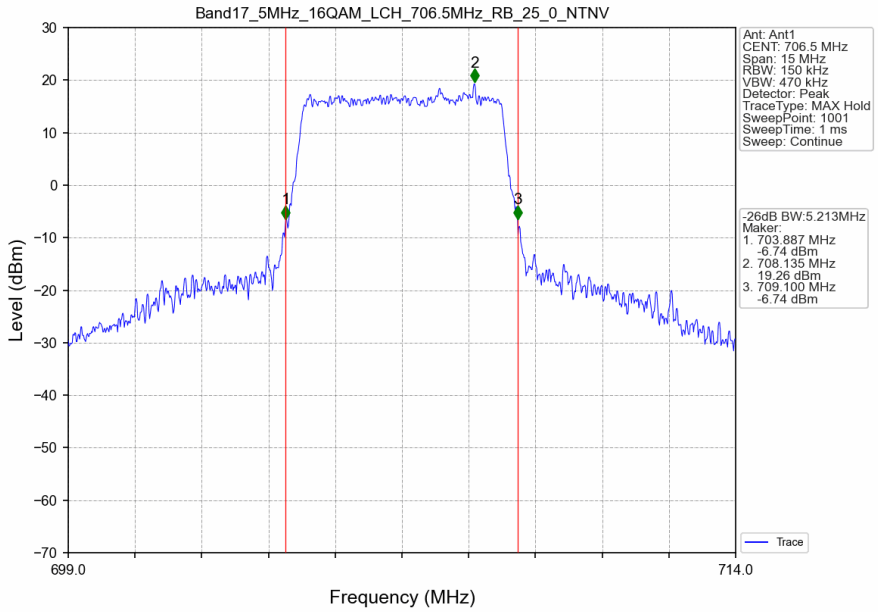
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



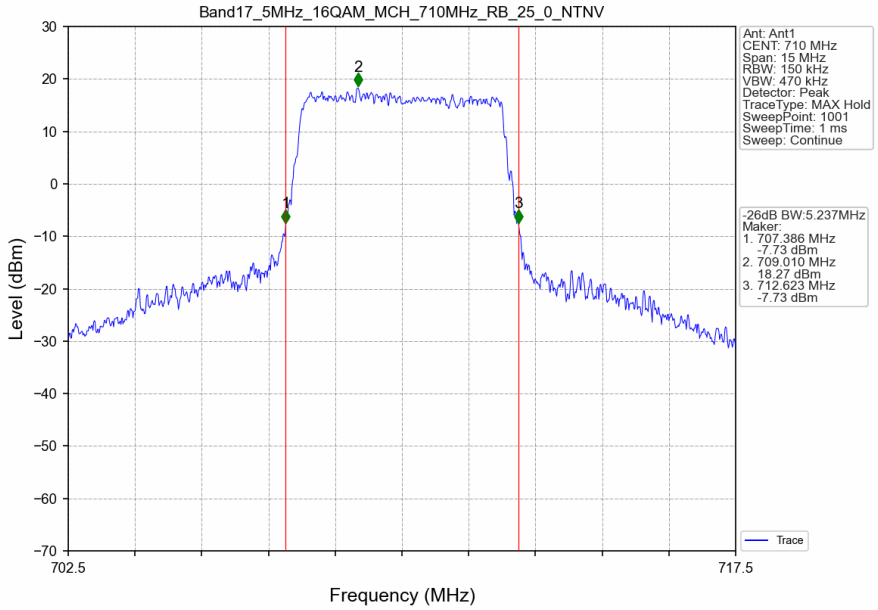
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



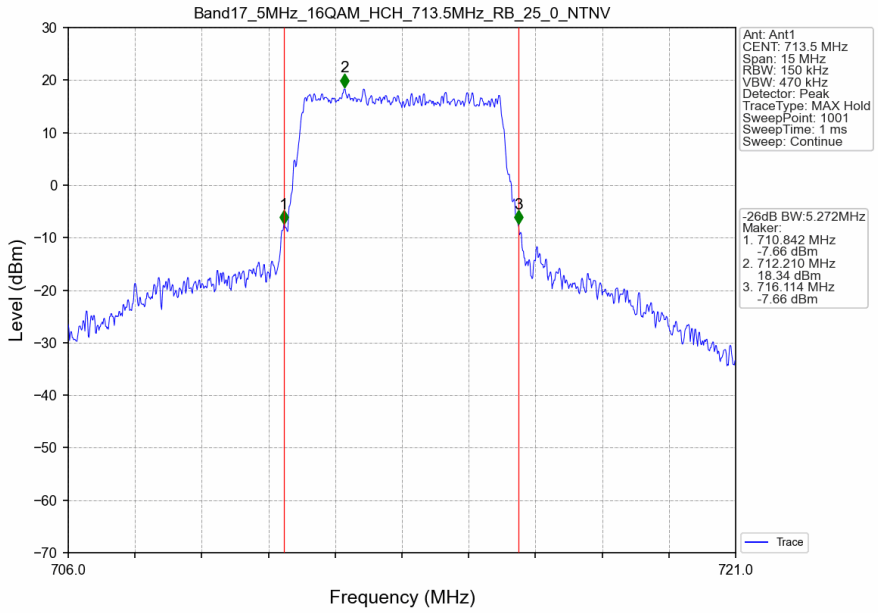
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



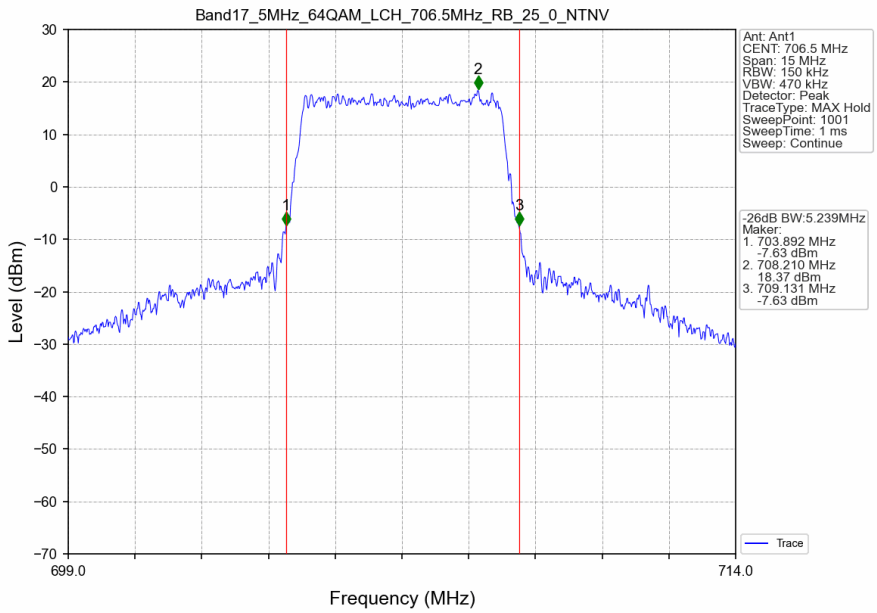
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



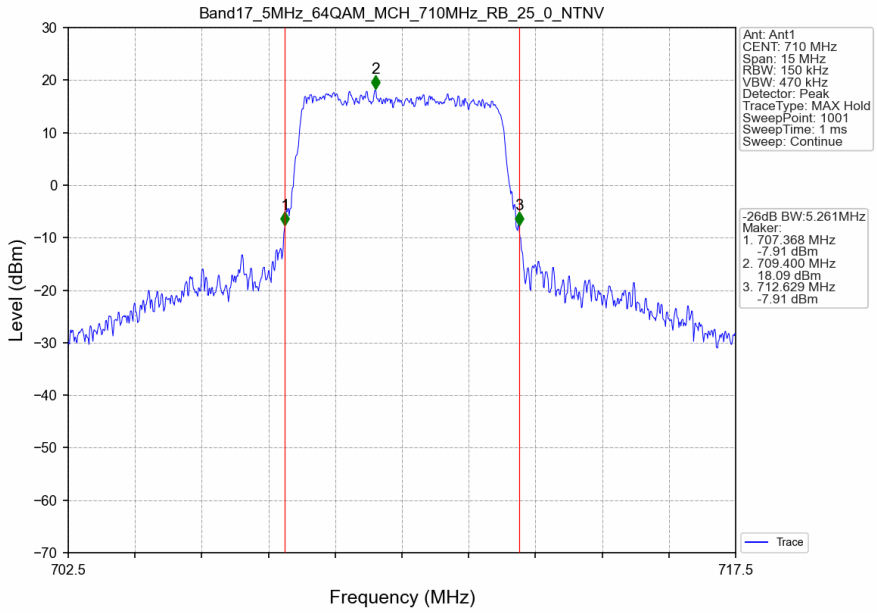
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



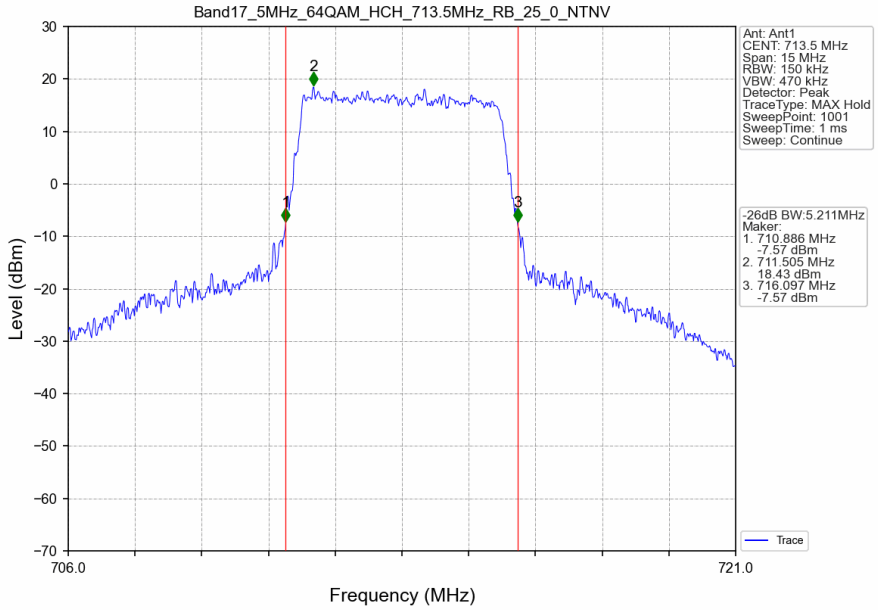
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



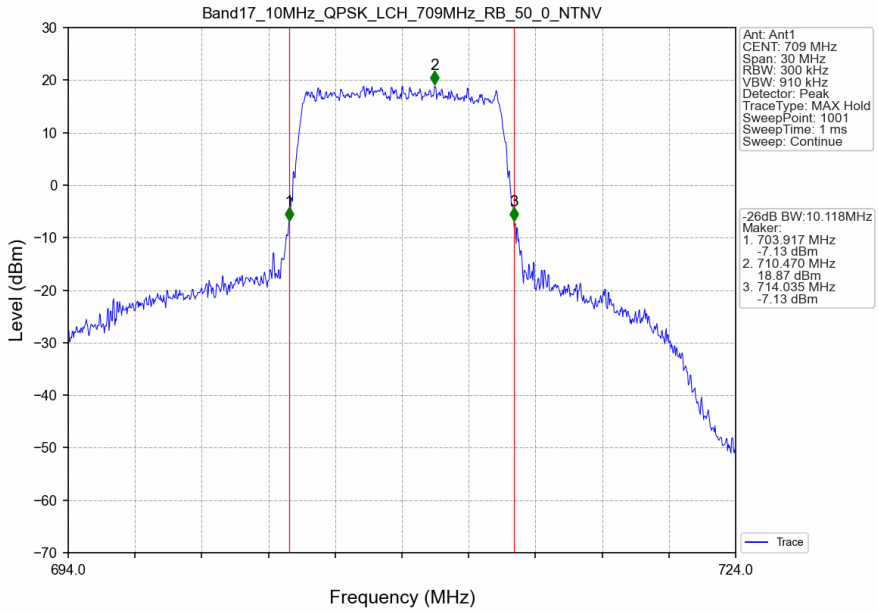
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



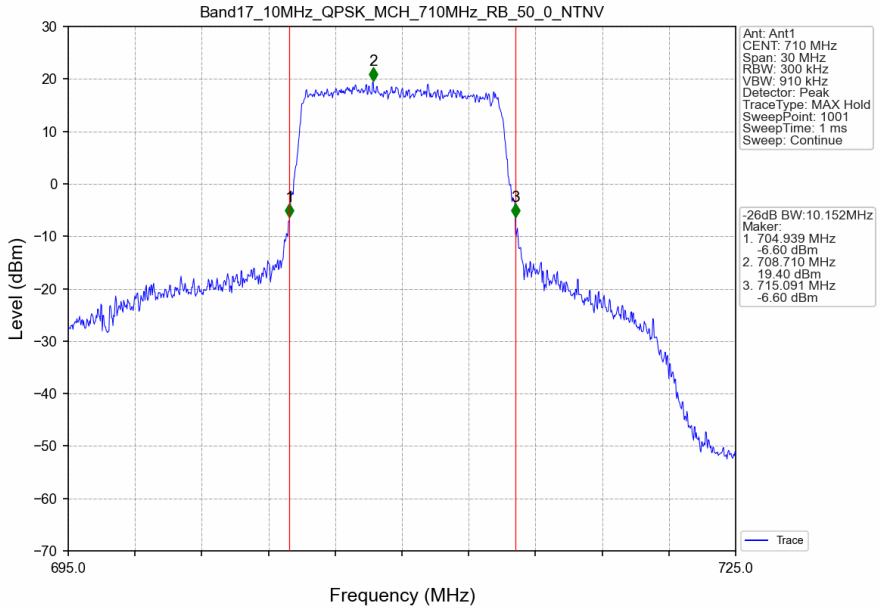
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



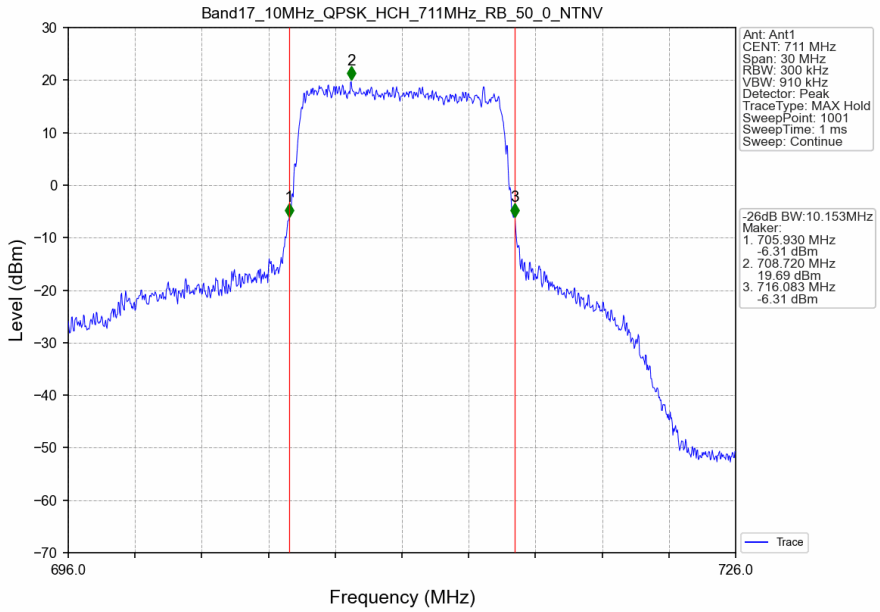
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



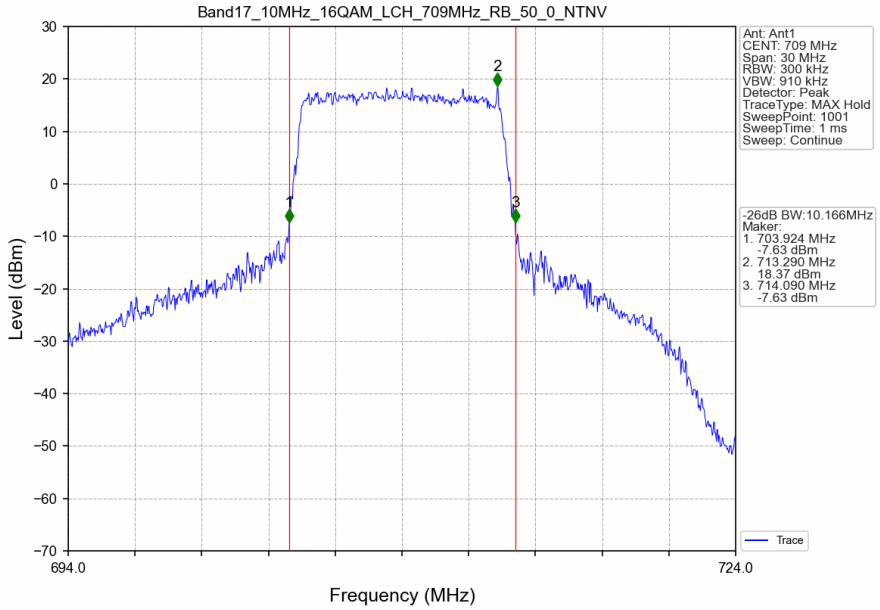
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



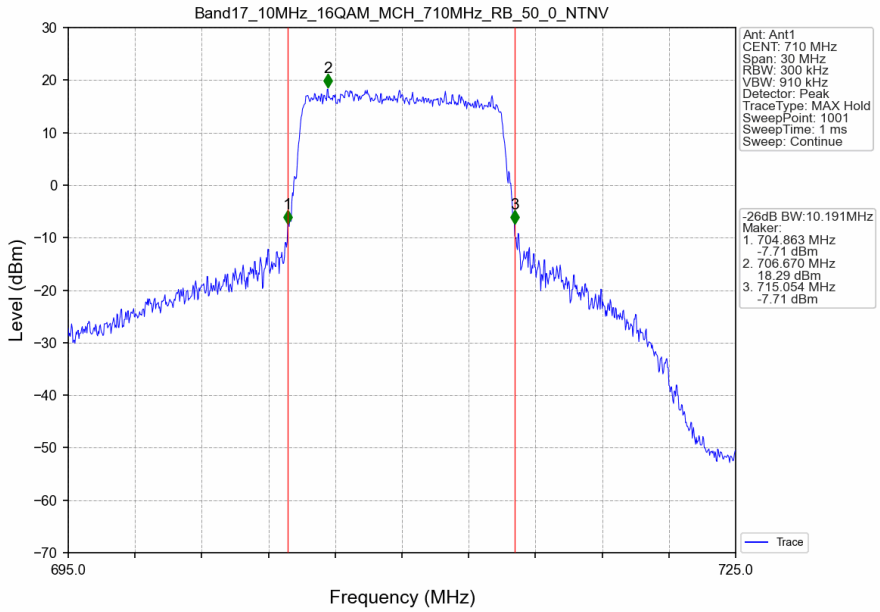
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



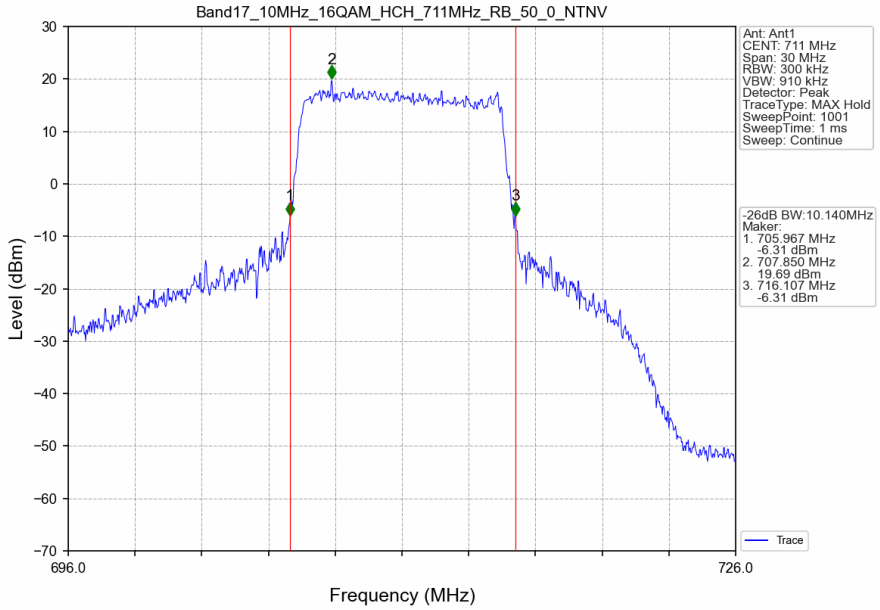
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



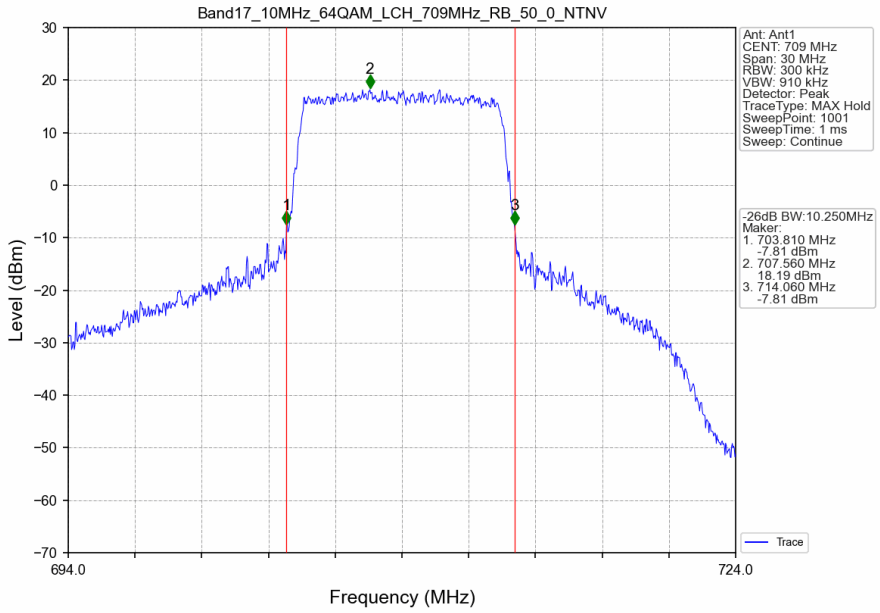
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



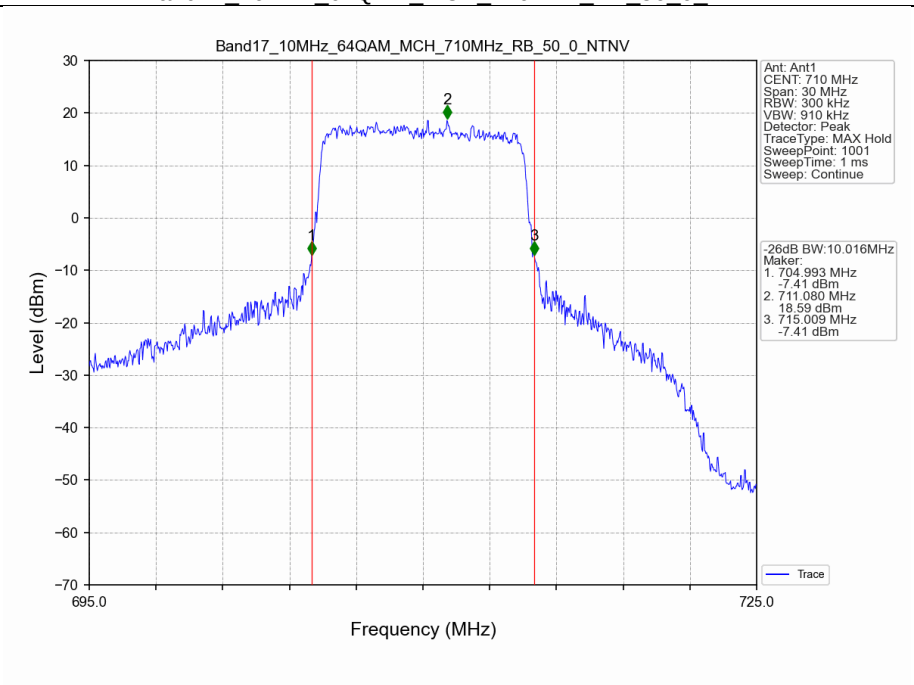
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



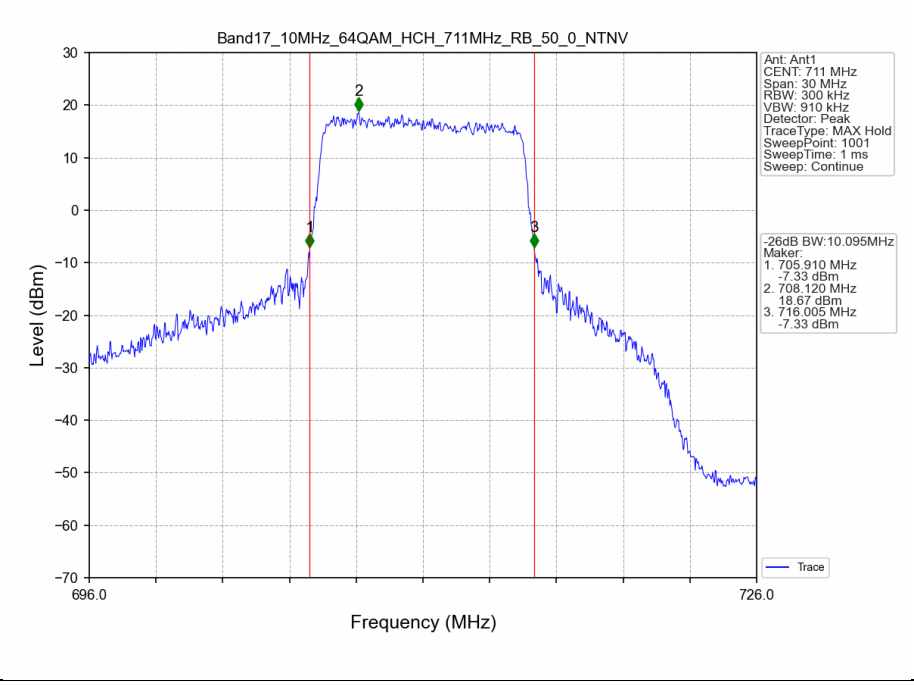
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

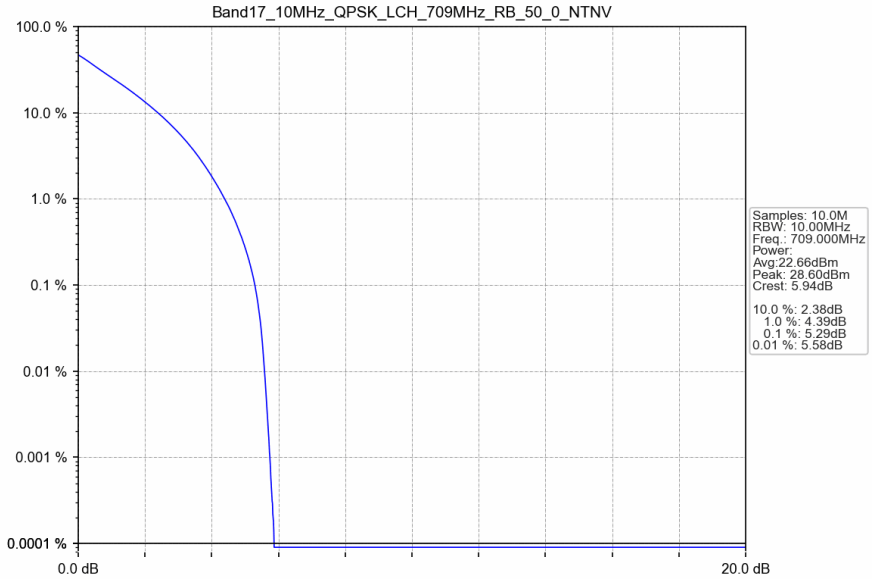
4.1 Test Result

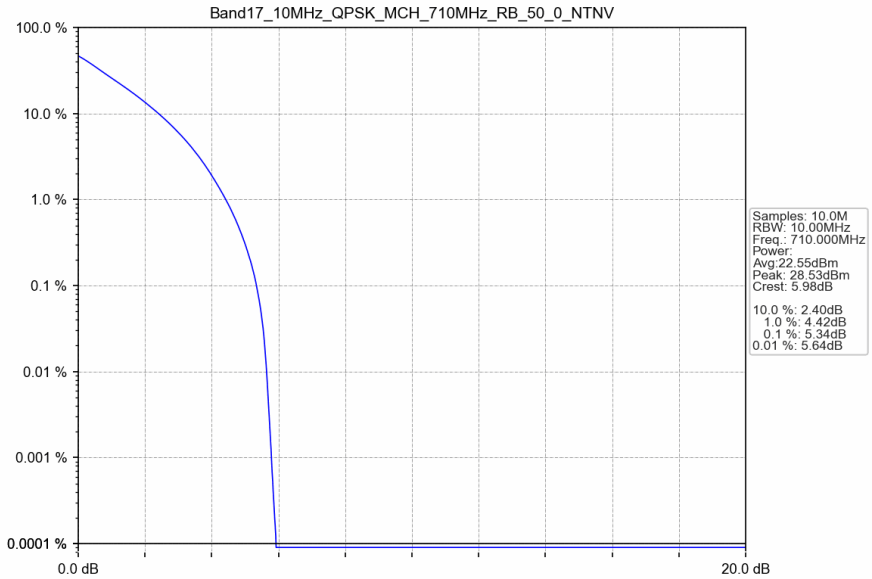
4.1.1 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.29	<=13	Pass
	710	50	0	5.34	<=13	Pass
	711	50	0	5.36	<=13	Pass
16QAM	709	50	0	6.08	<=13	Pass
	710	50	0	6.10	<=13	Pass
	711	50	0	6.12	<=13	Pass
64QAM	709	50	0	6.11	<=13	Pass
	710	50	0	6.08	<=13	Pass
	711	50	0	6.14	<=13	Pass

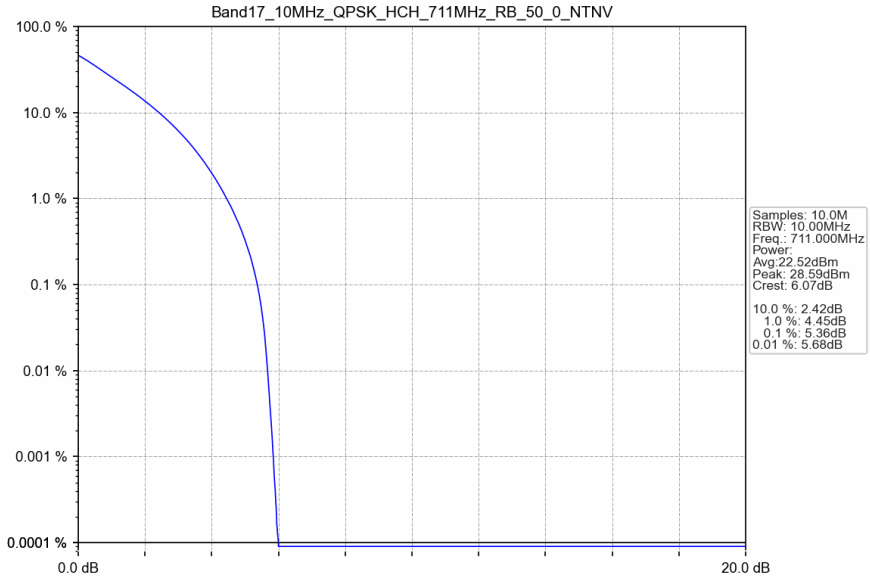
4.2 Test Graph

4.2.1 B17_10MHz

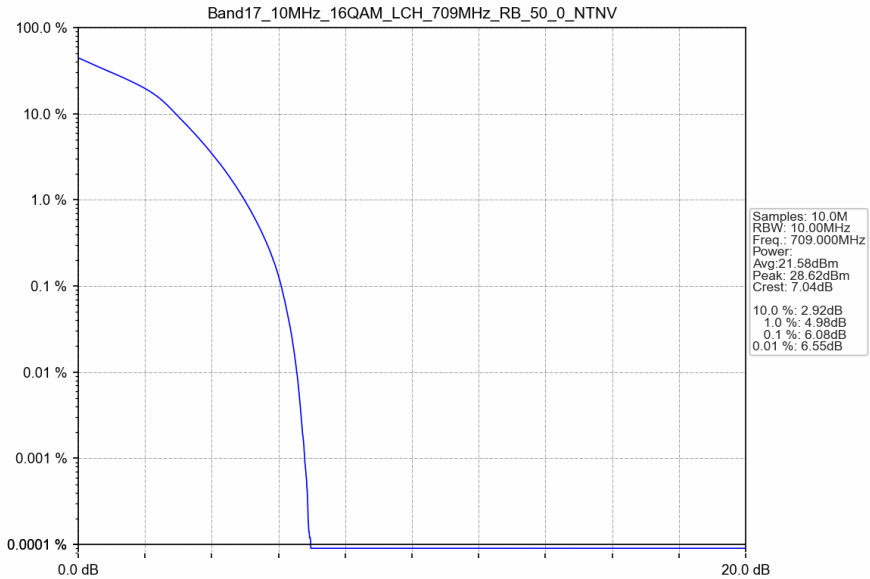
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV


Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


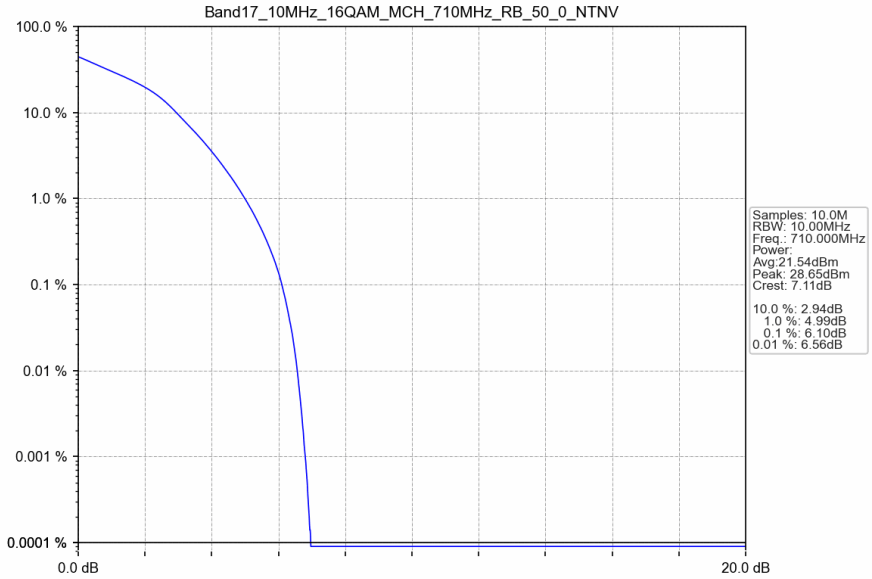
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



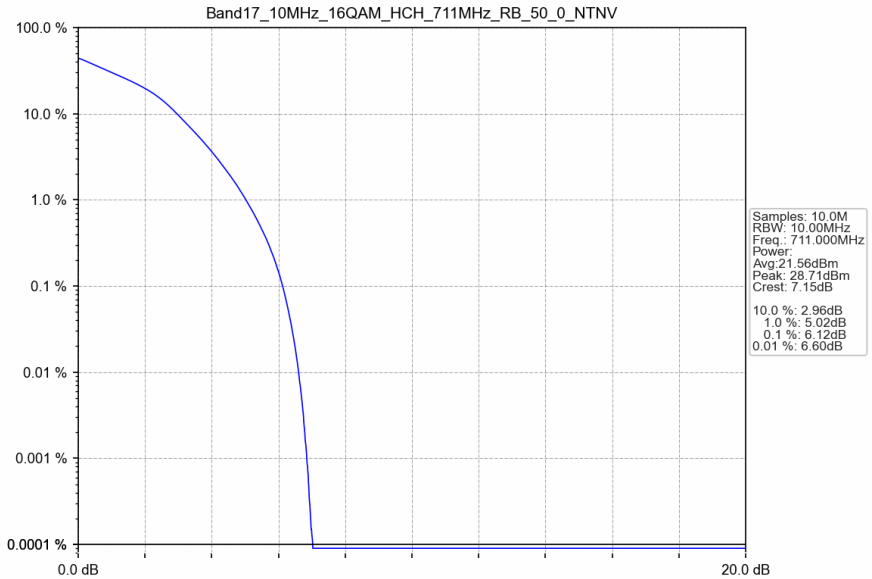
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



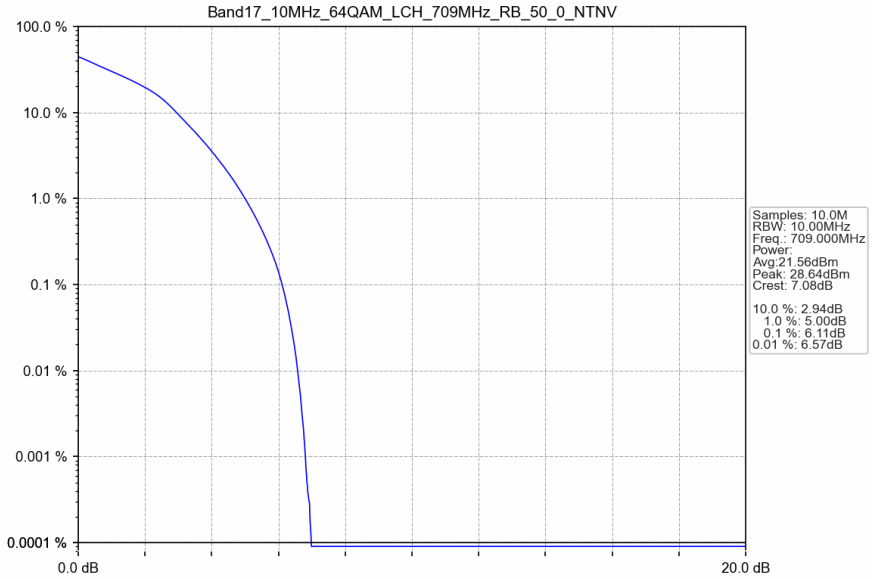
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



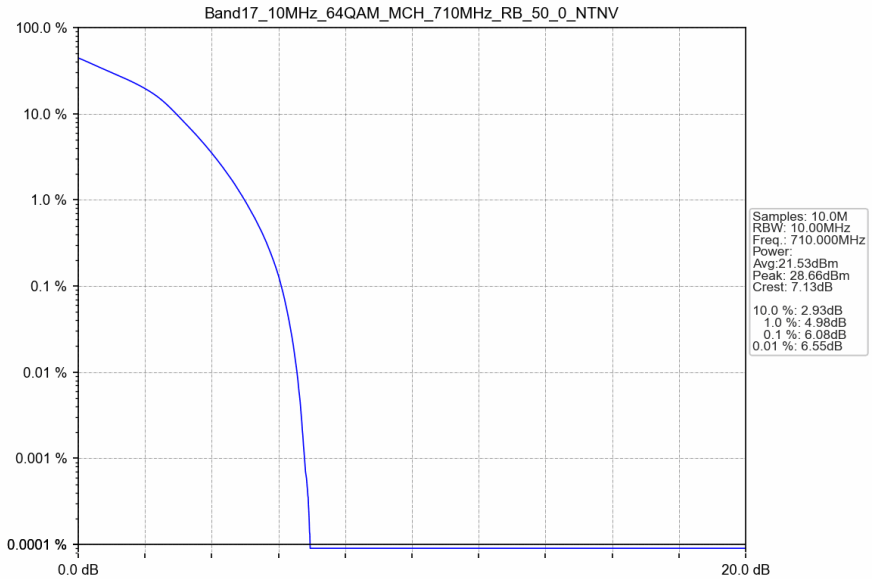
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



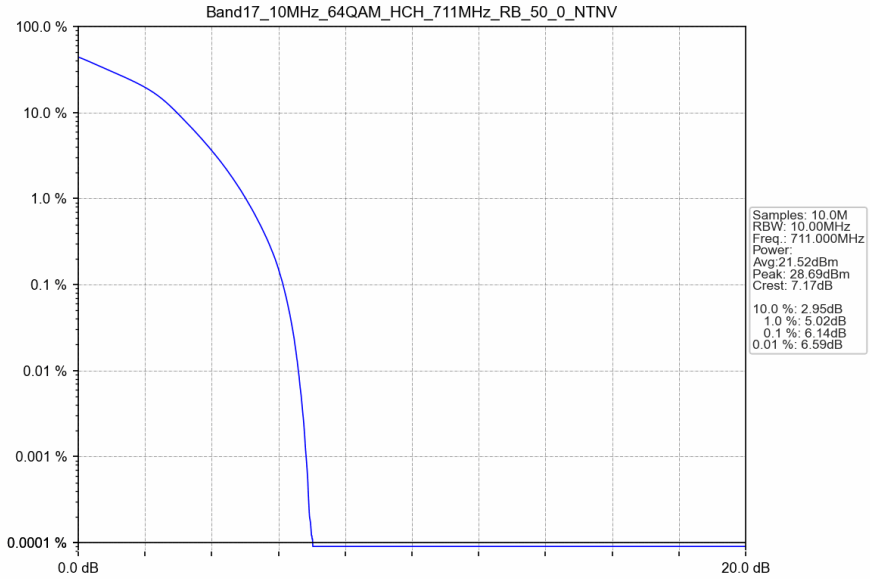
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / NTNV						
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

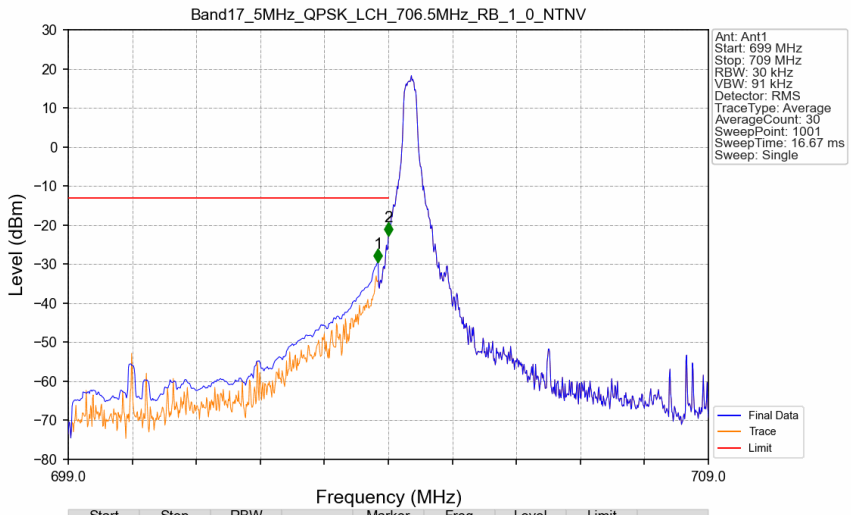
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
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

5.2 Test Graph

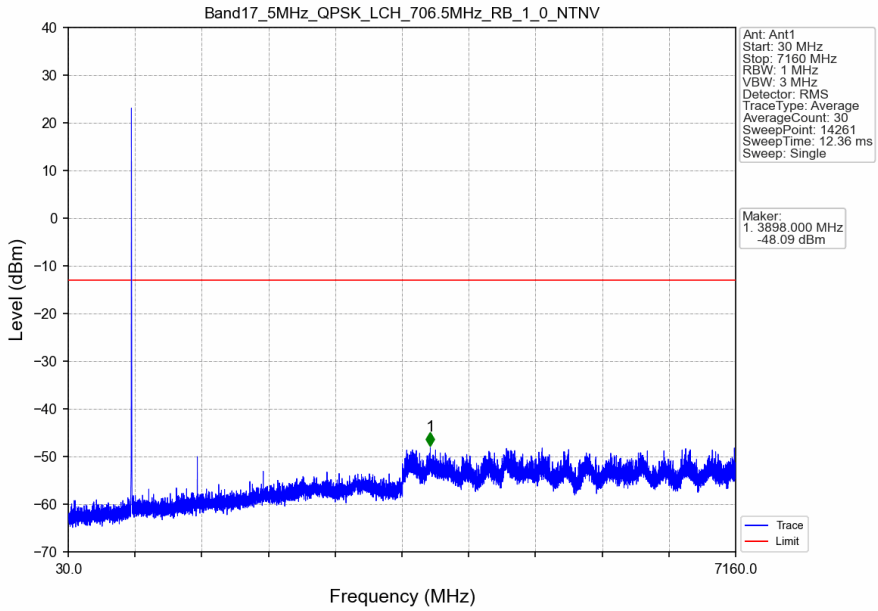
5.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

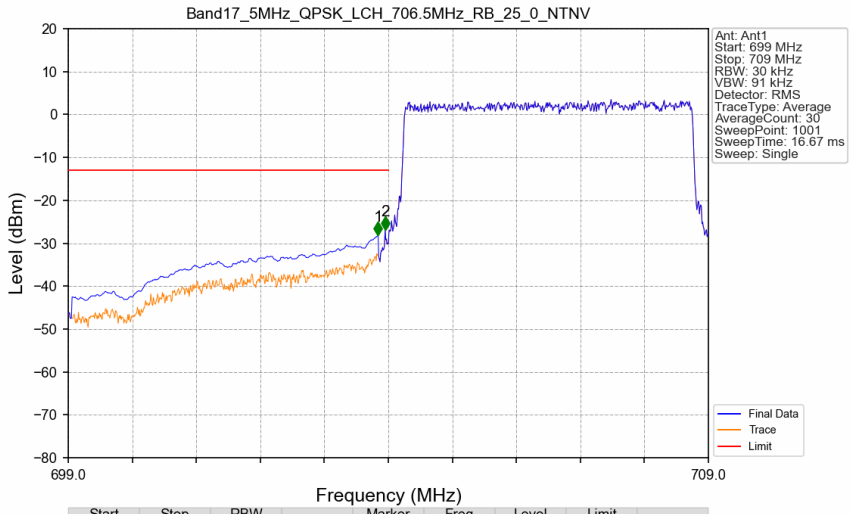


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-29.57	-13	Pass
703.9	704	0.03	/	2	704.000	-22.83	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

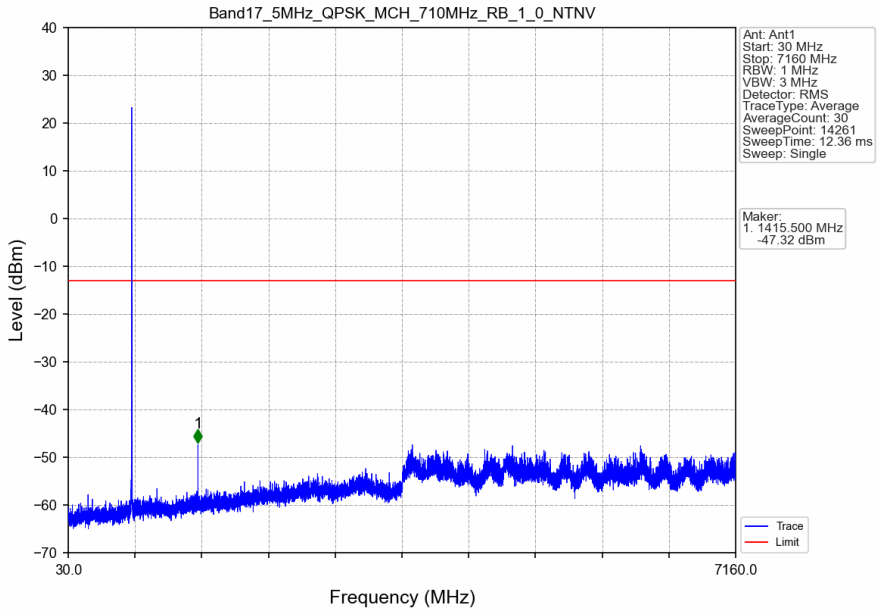


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

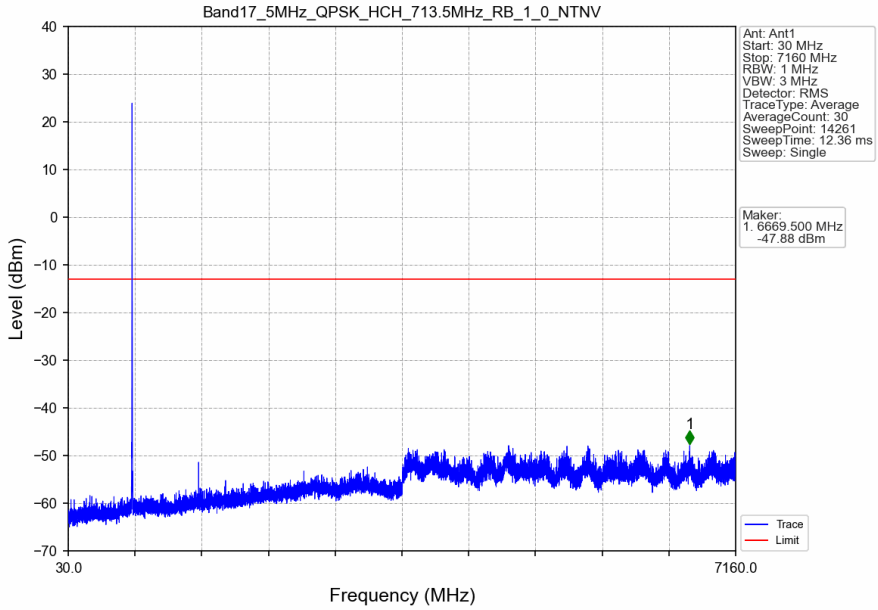


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-28.13	-13	Pass
703.9	704	0.03	/	2	703.950	-26.90	-13	Pass
704	709	0.03	/	/	/	/	/	/

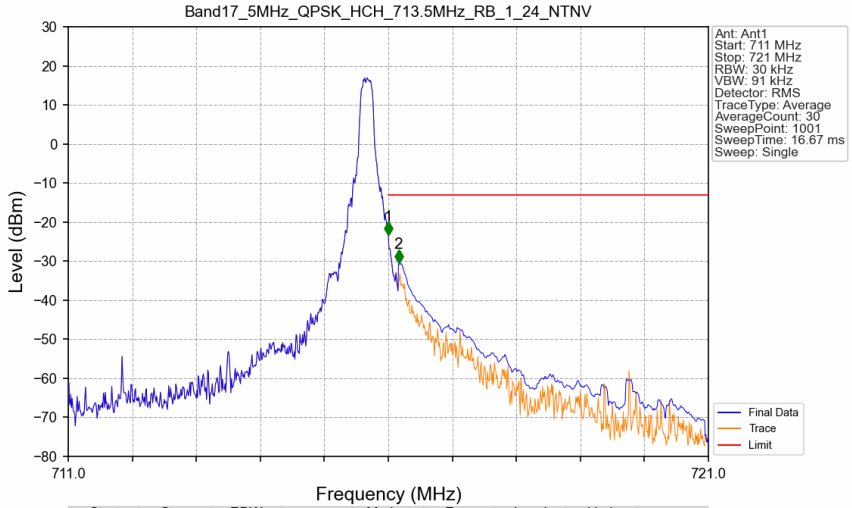
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

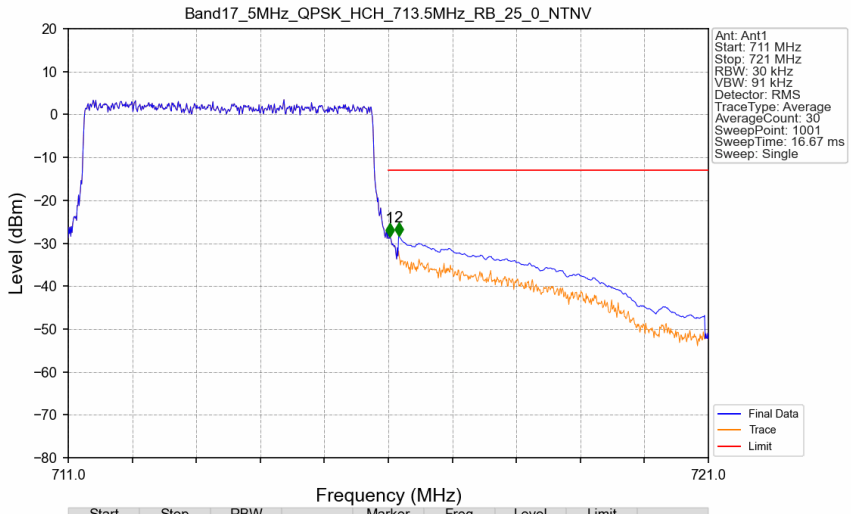


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



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	716.000	-23.33	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.46	-13	Pass

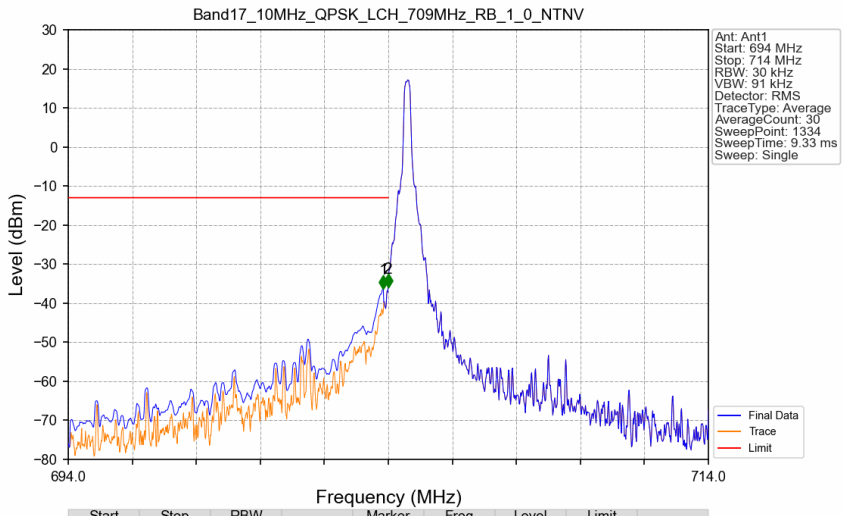
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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	-28.48	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.30	-13	Pass

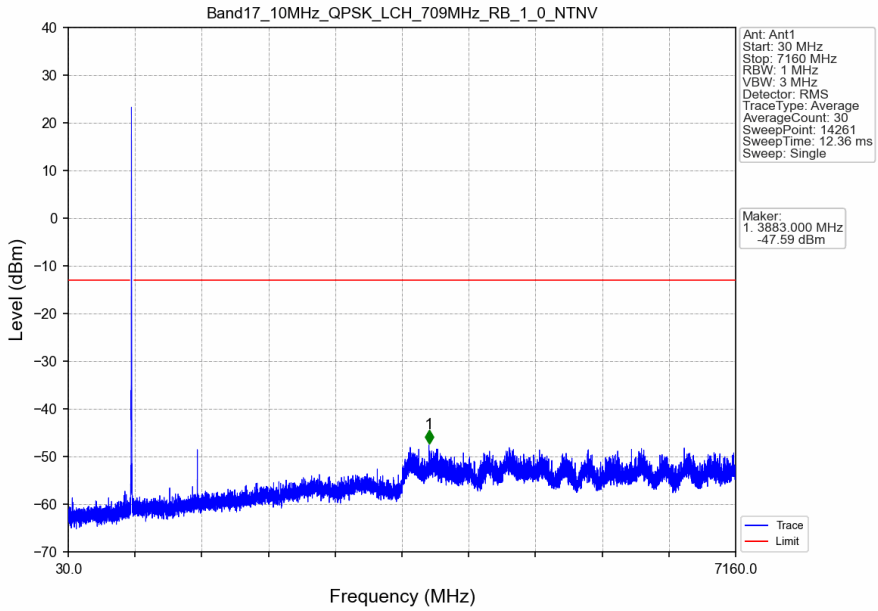
5.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

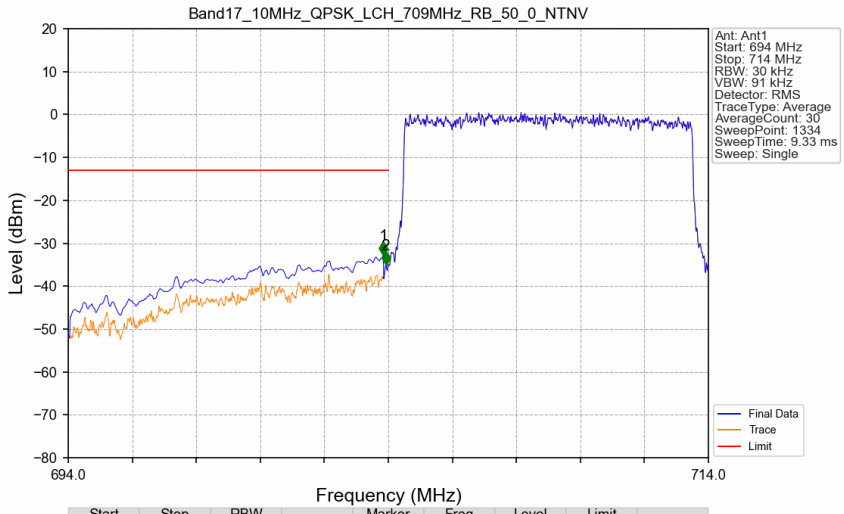


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-36.26	-13	Pass
703.9	704	0.03	/	2	703.992	-36.04	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

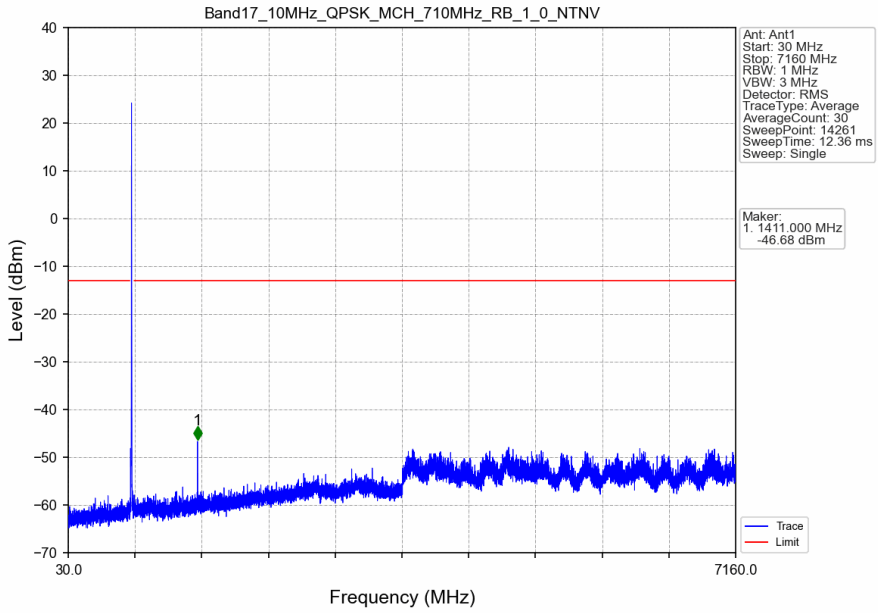


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

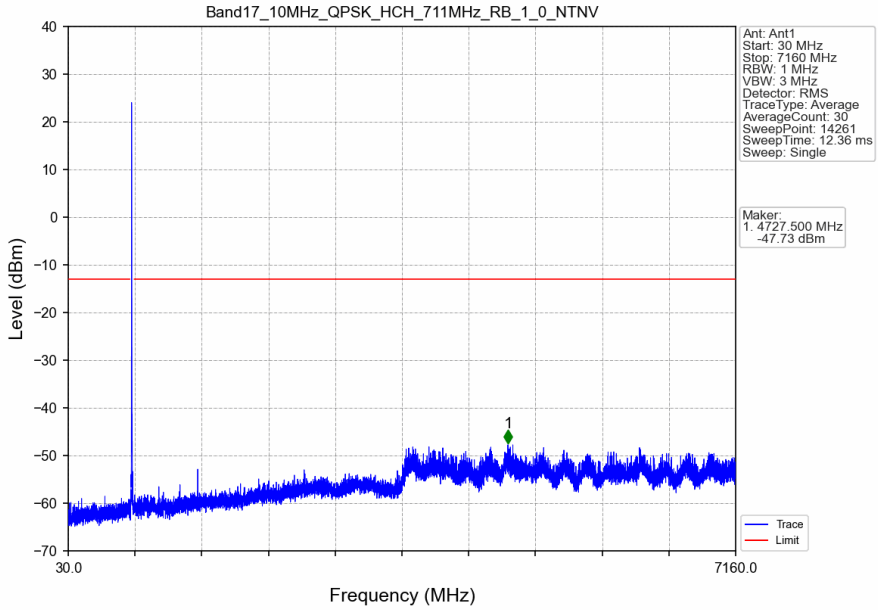


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-32.64	-13	Pass
703.9	704	0.03	/	2	703.917	-34.96	-13	Pass
704	714	0.03	/	/	/	/	/	/

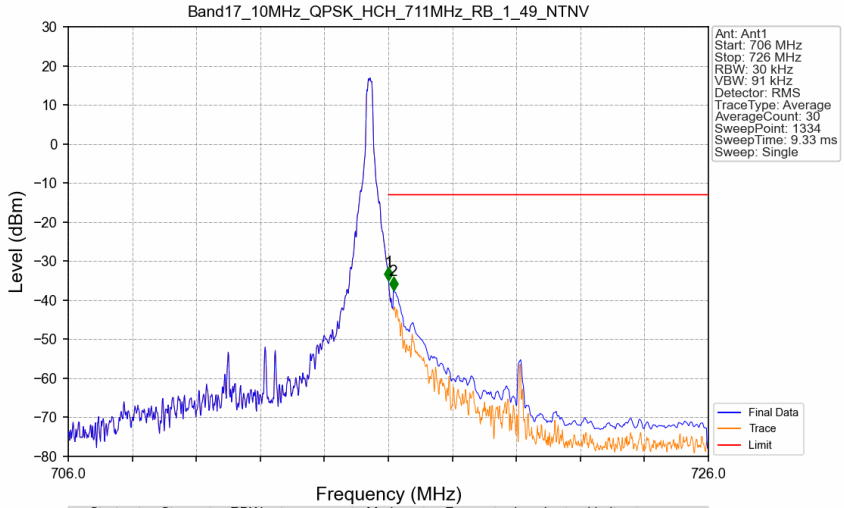
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

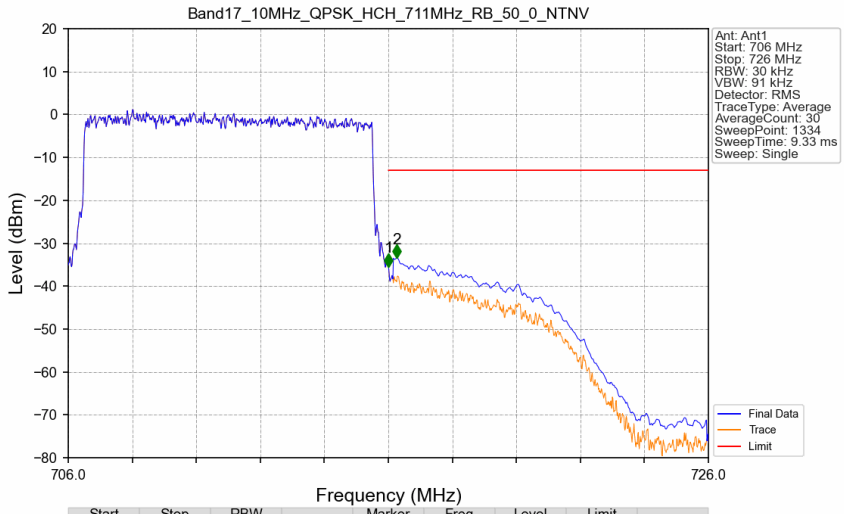


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



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	716.008	-34.94	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.44	-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	-35.50	-13	Pass
716.1	726	0.1	CHP	2	716.263	-33.46	-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**
1409.0	-46.7	-13	-33.7	-50.07	1.93	5.3	Horizontal	Pass
2113.5	-53.1	-13	-40.1	-55.57	2.42	4.89	Horizontal	Pass
2818.0	-52.1	-13	-39.1	-55.77	2.85	6.52	Horizontal	Pass
1409.0	-53.27	-13	-40.27	-56.64	1.93	5.3	Vertical	Pass
2113.5	-56.95	-13	-43.95	-59.42	2.42	4.89	Vertical	Pass
2818.0	-53.86	-13	-40.86	-57.53	2.85	6.52	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**
1411.0	-45.87	-13	-32.87	-49.25	1.94	5.32	Horizontal	Pass
2116.5	-53.06	-13	-40.06	-55.54	2.42	4.9	Horizontal	Pass
2822.0	-53.92	-13	-40.92	-57.6	2.85	6.53	Horizontal	Pass
1411.0	-49.9	-13	-36.9	-53.28	1.94	5.32	Vertical	Pass
2116.5	-57.0	-13	-44.0	-59.48	2.42	4.9	Vertical	Pass
2822.0	-52.87	-13	-39.87	-56.55	2.85	6.53	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**
1413.0	-43.39	-13	-30.39	-46.78	1.94	5.33	Horizontal	Pass
2119.5	-54.13	-13	-41.13	-56.62	2.42	4.91	Horizontal	Pass
2826.0	-53.29	-13	-40.29	-56.97	2.86	6.54	Horizontal	Pass
1413.0	-49.49	-13	-36.49	-52.88	1.94	5.33	Vertical	Pass
2119.5	-58.23	-13	-45.23	-60.72	2.42	4.91	Vertical	Pass
2826.0	-53.02	-13	-40.02	-56.7	2.86	6.54	Vertical	Pass

---End of Attachment---