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	23.58	-5.78	15.65	<=34.77	Pass
			13	23.53	-5.78	15.60	<=34.77	Pass
			24	23.70	-5.78	15.77	<=34.77	Pass
		12	0	22.59	-5.78	14.66	<=34.77	Pass
			6	22.65	-5.78	14.72	<=34.77	Pass
			13	22.77	-5.78	14.84	<=34.77	Pass
		25	0	22.49	-5.78	14.56	<=34.77	Pass
	710	1	0	23.65	-5.78	15.72	<=34.77	Pass
			13	23.59	-5.78	15.66	<=34.77	Pass
			24	23.77	-5.78	15.84	<=34.77	Pass
		12	0	22.59	-5.78	14.66	<=34.77	Pass
			6	22.64	-5.78	14.71	<=34.77	Pass
			13	22.66	-5.78	14.73	<=34.77	Pass
		25	0	22.58	-5.78	14.65	<=34.77	Pass
	713.5	1	0	23.54	-5.78	15.61	<=34.77	Pass
			13	23.51	-5.78	15.58	<=34.77	Pass
			24	23.68	-5.78	15.75	<=34.77	Pass
		12	0	22.61	-5.78	14.68	<=34.77	Pass
			6	22.62	-5.78	14.69	<=34.77	Pass
			13	22.74	-5.78	14.81	<=34.77	Pass
		25	0	22.52	-5.78	14.59	<=34.77	Pass
16QAM	706.5	1	0	22.50	-5.78	14.57	<=34.77	Pass
			13	22.46	-5.78	14.53	<=34.77	Pass
			24	22.70	-5.78	14.77	<=34.77	Pass
		12	0	22.11	-5.78	14.18	<=34.77	Pass
			6	22.09	-5.78	14.16	<=34.77	Pass
			13	22.19	-5.78	14.26	<=34.77	Pass
		25	0	22.15	-5.78	14.22	<=34.77	Pass
	710	1	0	22.42	-5.78	14.49	<=34.77	Pass
			13	22.30	-5.78	14.37	<=34.77	Pass
			24	22.33	-5.78	14.40	<=34.77	Pass
		12	0	22.04	-5.78	14.11	<=34.77	Pass
			6	21.59	-5.78	13.66	<=34.77	Pass
			13	21.60	-5.78	13.67	<=34.77	Pass
		25	0	21.70	-5.78	13.77	<=34.77	Pass
	713.5	1	0	21.69	-5.78	13.76	<=34.77	Pass
			13	21.74	-5.78	13.81	<=34.77	Pass
			24	21.85	-5.78	13.92	<=34.77	Pass
		12	0	21.53	-5.78	13.60	<=34.77	Pass
			6	22.06	-5.78	14.13	<=34.77	Pass
			13	22.08	-5.78	14.15	<=34.77	Pass
		25	0	22.19	-5.78	14.26	<=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	23.60	-5.78	15.67	<=34.77	Pass
			25	23.67	-5.78	15.74	<=34.77	Pass
			49	23.70	-5.78	15.77	<=34.77	Pass
		25	0	22.76	-5.78	14.83	<=34.77	Pass
			13	22.67	-5.78	14.74	<=34.77	Pass
			25	22.79	-5.78	14.86	<=34.77	Pass
		50	0	22.67	-5.78	14.74	<=34.77	Pass
	710	1	0	23.61	-5.78	15.68	<=34.77	Pass
			25	23.63	-5.78	15.70	<=34.77	Pass
			49	23.76	-5.78	15.83	<=34.77	Pass
		25	0	22.90	-5.78	14.97	<=34.77	Pass
			13	22.78	-5.78	14.85	<=34.77	Pass
			25	22.62	-5.78	14.69	<=34.77	Pass
		50	0	22.57	-5.78	14.64	<=34.77	Pass
	711	1	0	23.63	-5.78	15.70	<=34.77	Pass
			25	23.59	-5.78	15.66	<=34.77	Pass
			49	23.73	-5.78	15.80	<=34.77	Pass
		25	0	22.55	-5.78	14.62	<=34.77	Pass
			13	22.88	-5.78	14.95	<=34.77	Pass
			25	22.58	-5.78	14.65	<=34.77	Pass
		50	0	22.68	-5.78	14.75	<=34.77	Pass
16QAM	709	1	0	22.97	-5.78	15.04	<=34.77	Pass
			25	23.06	-5.78	15.13	<=34.77	Pass
			49	22.93	-5.78	15.00	<=34.77	Pass
		25	0	22.09	-5.78	14.16	<=34.77	Pass
			13	22.16	-5.78	14.23	<=34.77	Pass
			25	21.62	-5.78	13.69	<=34.77	Pass
		50	0	22.16	-5.78	14.23	<=34.77	Pass
	710	1	0	22.12	-5.78	14.19	<=34.77	Pass
			25	22.14	-5.78	14.21	<=34.77	Pass
			49	22.11	-5.78	14.18	<=34.77	Pass
		25	0	22.26	-5.78	14.33	<=34.77	Pass
			13	21.84	-5.78	13.91	<=34.77	Pass
			25	21.73	-5.78	13.80	<=34.77	Pass
		50	0	21.66	-5.78	13.73	<=34.77	Pass
	711	1	0	23.23	-5.78	15.30	<=34.77	Pass
			25	23.26	-5.78	15.33	<=34.77	Pass
			49	23.35	-5.78	15.42	<=34.77	Pass
		25	0	22.21	-5.78	14.28	<=34.77	Pass
			13	21.78	-5.78	13.85	<=34.77	Pass
			25	22.25	-5.78	14.32	<=34.77	Pass
		50	0	21.76	-5.78	13.83	<=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	31.228	0.0442	-2.5 to 2.5	Pass
					3.85	40.212	0.0569	-2.5 to 2.5	Pass
					4.43	36.221	0.0513	-2.5 to 2.5	Pass
				-30	3.85	21.844	0.0309	-2.5 to 2.5	Pass
				-20	3.85	5.565	0.0079	-2.5 to 2.5	Pass
				-10	3.85	-11.487	-0.0163	-2.5 to 2.5	Pass
				0	3.85	-30.642	-0.0434	-2.5 to 2.5	Pass
				10	3.85	-49.109	-0.0695	-2.5 to 2.5	Pass
				30	3.85	-11.058	-0.0157	-2.5 to 2.5	Pass
				40	3.85	-25.277	-0.0358	-2.5 to 2.5	Pass
				50	3.85	-37.322	-0.0528	-2.5 to 2.5	Pass
	710	25	0	20	3.27	3.691	0.0052	-2.5 to 2.5	Pass
					3.85	9.570	0.0135	-2.5 to 2.5	Pass
					4.43	11.358	0.0160	-2.5 to 2.5	Pass
				-30	3.85	8.011	0.0113	-2.5 to 2.5	Pass
				-20	3.85	1.287	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-12.875	-0.0181	-2.5 to 2.5	Pass
				0	3.85	-27.580	-0.0388	-2.5 to 2.5	Pass
				10	3.85	-35.334	-0.0498	-2.5 to 2.5	Pass
				30	3.85	-40.526	-0.0571	-2.5 to 2.5	Pass
				40	3.85	-43.359	-0.0611	-2.5 to 2.5	Pass
				50	3.85	-45.877	-0.0646	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	2.289	0.0032	-2.5 to 2.5	Pass
					3.85	15.492	0.0217	-2.5 to 2.5	Pass
					4.43	24.834	0.0348	-2.5 to 2.5	Pass
				-30	3.85	30.112	0.0422	-2.5 to 2.5	Pass
				-20	3.85	34.175	0.0479	-2.5 to 2.5	Pass
				-10	3.85	38.438	0.0539	-2.5 to 2.5	Pass
				0	3.85	41.127	0.0576	-2.5 to 2.5	Pass
				10	3.85	46.349	0.0650	-2.5 to 2.5	Pass
				30	3.85	-4.735	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-10.200	-0.0143	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-46.706	-0.0661	-2.5 to 2.5	Pass
					3.85	-9.055	-0.0128	-2.5 to 2.5	Pass
					4.43	-16.866	-0.0239	-2.5 to 2.5	Pass
				-30	3.85	-23.518	-0.0333	-2.5 to 2.5	Pass
				-20	3.85	-28.868	-0.0409	-2.5 to 2.5	Pass
				-10	3.85	-31.071	-0.0440	-2.5 to 2.5	Pass
				0	3.85	-34.189	-0.0484	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-5.450	-0.0077	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-46.606	-0.0656	-2.5 to 2.5	Pass
					3.85	-40.784	-0.0574	-2.5 to 2.5	Pass
					4.43	-12.417	-0.0175	-2.5 to 2.5	Pass
				-30	3.85	-10.986	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-7.696	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0075	-2.5 to 2.5	Pass

				0	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				10	3.85	4.506	0.0063	-2.5 to 2.5	Pass
				30	3.85	8.554	0.0120	-2.5 to 2.5	Pass
				40	3.85	10.414	0.0147	-2.5 to 2.5	Pass
				50	3.85	13.733	0.0193	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-5.879	-0.0082	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0056	-2.5 to 2.5	Pass
					4.43	0.300	0.0004	-2.5 to 2.5	Pass
				-30	3.85	3.147	0.0044	-2.5 to 2.5	Pass
				-20	3.85	7.582	0.0106	-2.5 to 2.5	Pass
				-10	3.85	13.189	0.0185	-2.5 to 2.5	Pass
				0	3.85	15.049	0.0211	-2.5 to 2.5	Pass
				10	3.85	20.227	0.0283	-2.5 to 2.5	Pass
				30	3.85	22.230	0.0312	-2.5 to 2.5	Pass
				40	3.85	26.236	0.0368	-2.5 to 2.5	Pass
				50	3.85	26.722	0.0375	-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	27.752	0.0391	-2.5 to 2.5	Pass
					3.85	27.452	0.0387	-2.5 to 2.5	Pass
					4.43	15.206	0.0214	-2.5 to 2.5	Pass
				-30	3.85	-11.387	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	-40.612	-0.0573	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-16.651	-0.0235	-2.5 to 2.5	Pass
				10	3.85	-26.622	-0.0375	-2.5 to 2.5	Pass
				30	3.85	-33.174	-0.0468	-2.5 to 2.5	Pass
				40	3.85	-41.771	-0.0589	-2.5 to 2.5	Pass
				50	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
	710	50	0	20	3.27	10.300	0.0145	-2.5 to 2.5	Pass
					3.85	22.101	0.0311	-2.5 to 2.5	Pass
					4.43	22.445	0.0316	-2.5 to 2.5	Pass
				-30	3.85	9.699	0.0137	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-16.093	-0.0227	-2.5 to 2.5	Pass
				0	3.85	-16.909	-0.0238	-2.5 to 2.5	Pass
				10	3.85	-15.807	-0.0223	-2.5 to 2.5	Pass
				30	3.85	-17.266	-0.0243	-2.5 to 2.5	Pass
				40	3.85	-18.096	-0.0255	-2.5 to 2.5	Pass
				50	3.85	-17.295	-0.0244	-2.5 to 2.5	Pass
	711	50	0	20	3.27	5.178	0.0073	-2.5 to 2.5	Pass
					3.85	14.477	0.0204	-2.5 to 2.5	Pass
					4.43	11.301	0.0159	-2.5 to 2.5	Pass
				-30	3.85	9.413	0.0132	-2.5 to 2.5	Pass
				-20	3.85	5.479	0.0077	-2.5 to 2.5	Pass
				-10	3.85	1.459	0.0021	-2.5 to 2.5	Pass
				0	3.85	-18.783	-0.0264	-2.5 to 2.5	Pass
				10	3.85	-31.958	-0.0449	-2.5 to 2.5	Pass
				30	3.85	-30.785	-0.0433	-2.5 to 2.5	Pass
				40	3.85	-30.770	-0.0433	-2.5 to 2.5	Pass
				50	3.85	-31.886	-0.0448	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-9.284	-0.0131	-2.5 to 2.5	Pass
					3.85	-8.798	-0.0124	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0080	-2.5 to 2.5	Pass

				-30	3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.276	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.190	-0.0045	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0022	-2.5 to 2.5	Pass
				30	3.85	3.204	0.0045	-2.5 to 2.5	Pass
				40	3.85	6.123	0.0086	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0037	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-16.637	-0.0234	-2.5 to 2.5	Pass
					3.85	-11.730	-0.0165	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	2.704	0.0038	-2.5 to 2.5	Pass
				-20	3.85	8.483	0.0119	-2.5 to 2.5	Pass
				-10	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				0	3.85	4.935	0.0070	-2.5 to 2.5	Pass
				10	3.85	10.901	0.0154	-2.5 to 2.5	Pass
				30	3.85	18.883	0.0266	-2.5 to 2.5	Pass
				40	3.85	19.484	0.0274	-2.5 to 2.5	Pass
				50	3.85	23.618	0.0333	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-34.747	-0.0489	-2.5 to 2.5	Pass
					3.85	-29.955	-0.0421	-2.5 to 2.5	Pass
					4.43	-19.798	-0.0278	-2.5 to 2.5	Pass
				-30	3.85	-14.663	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-9.413	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0017	-2.5 to 2.5	Pass
				30	3.85	5.751	0.0081	-2.5 to 2.5	Pass
				40	3.85	12.202	0.0172	-2.5 to 2.5	Pass
				50	3.85	16.437	0.0231	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

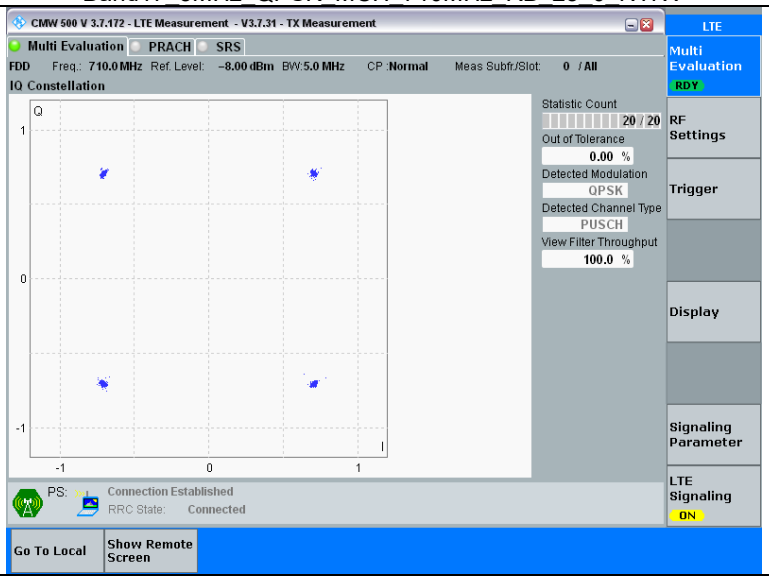
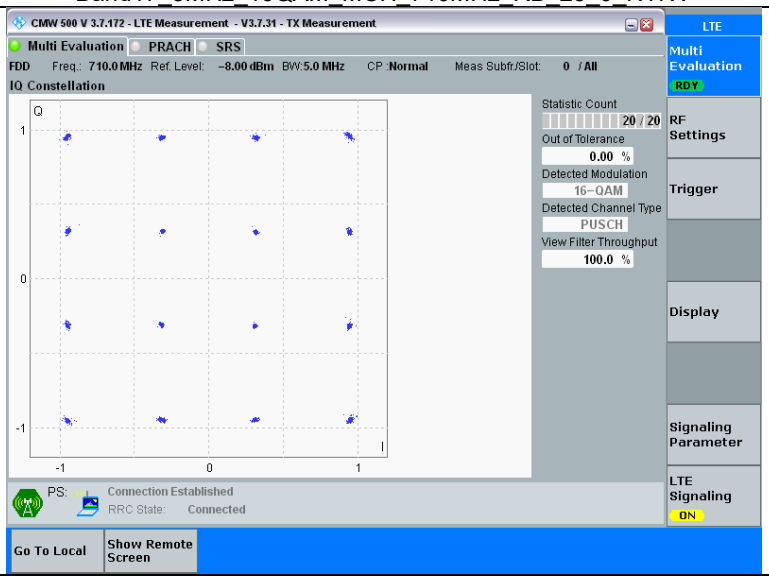
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

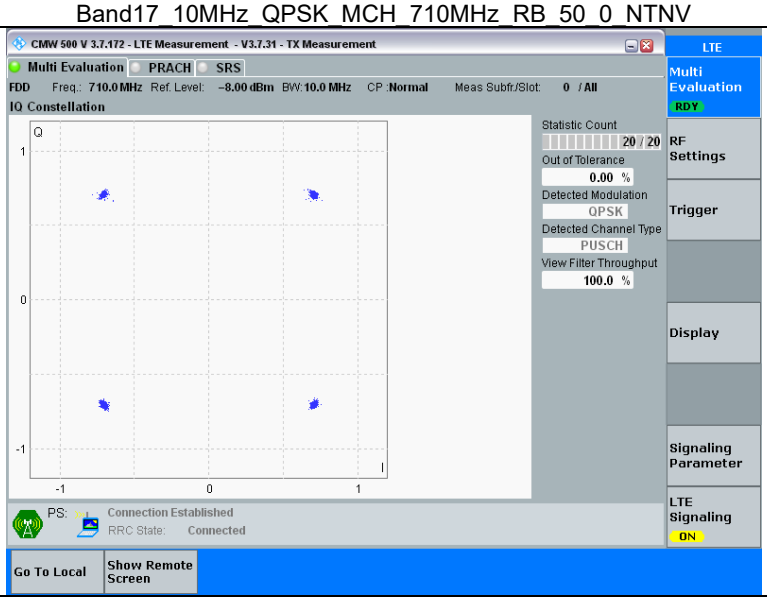
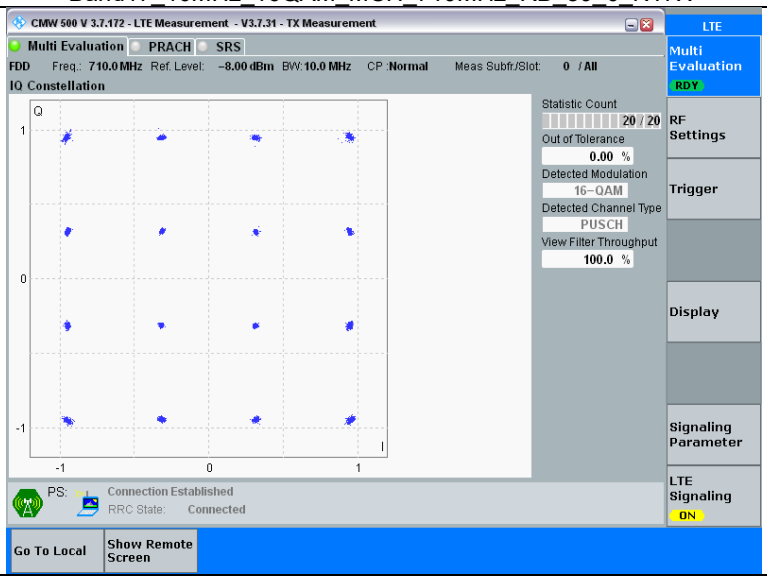
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B17_5MHz

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV


3.2.2 B17_10MHz

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 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	4.551	/	Pass
		710	25	0	4.562	/	Pass
		713.5	25	0	4.551	/	Pass
	16QAM	706.5	25	0	4.583	/	Pass
		710	25	0	4.575	/	Pass
		713.5	25	0	4.567	/	Pass
10	QPSK	709	50	0	9.093	/	Pass
		710	50	0	9.091	/	Pass
		711	50	0	9.080	/	Pass
	16QAM	709	50	0	9.083	/	Pass
		710	50	0	9.096	/	Pass
		711	50	0	9.101	/	Pass

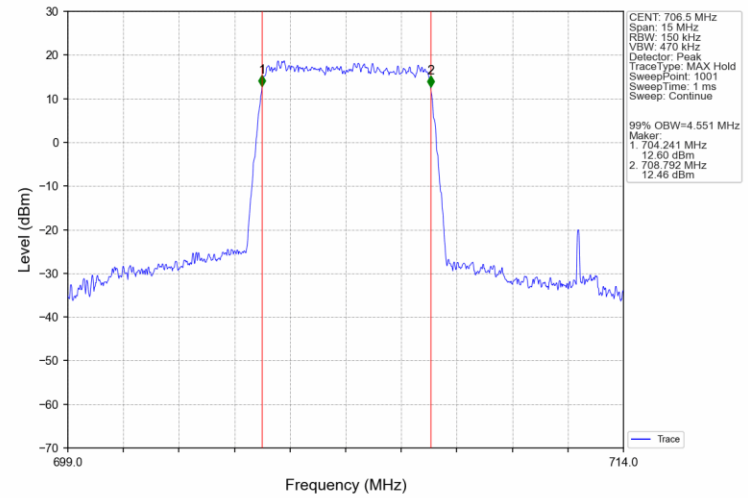
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.030	/	Pass
		710	25	0	5.052	/	Pass
		713.5	25	0	5.026	/	Pass
	16QAM	706.5	25	0	5.058	/	Pass
		710	25	0	5.070	/	Pass
		713.5	25	0	5.021	/	Pass
10	QPSK	709	50	0	10.048	/	Pass
		710	50	0	10.055	/	Pass
		711	50	0	10.040	/	Pass
	16QAM	709	50	0	10.083	/	Pass
		710	50	0	10.069	/	Pass
		711	50	0	10.068	/	Pass

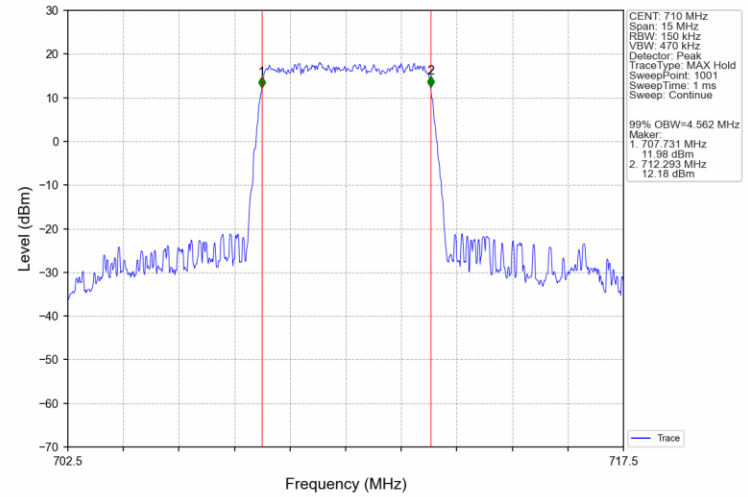
4.2 Test Graph

4.2.1 Band17_OBW

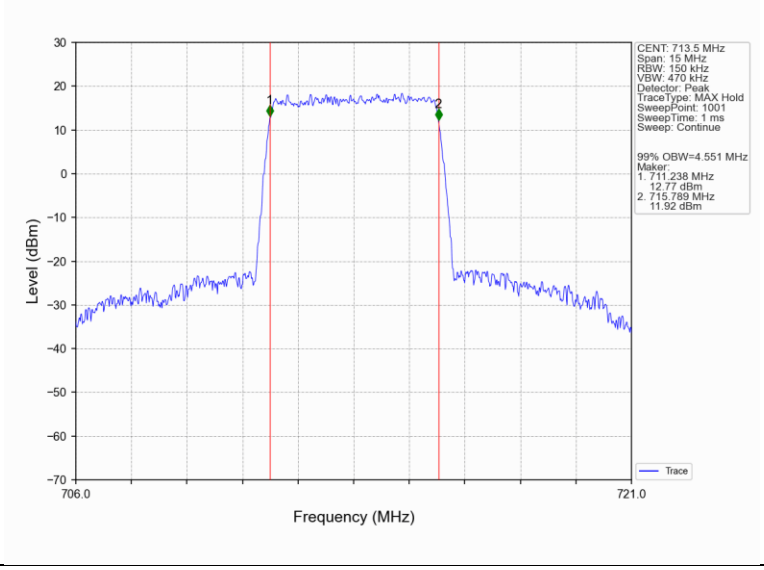
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



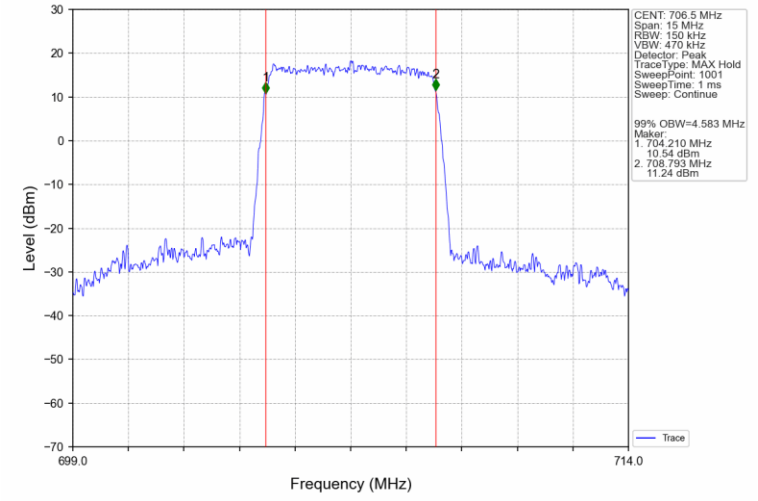
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



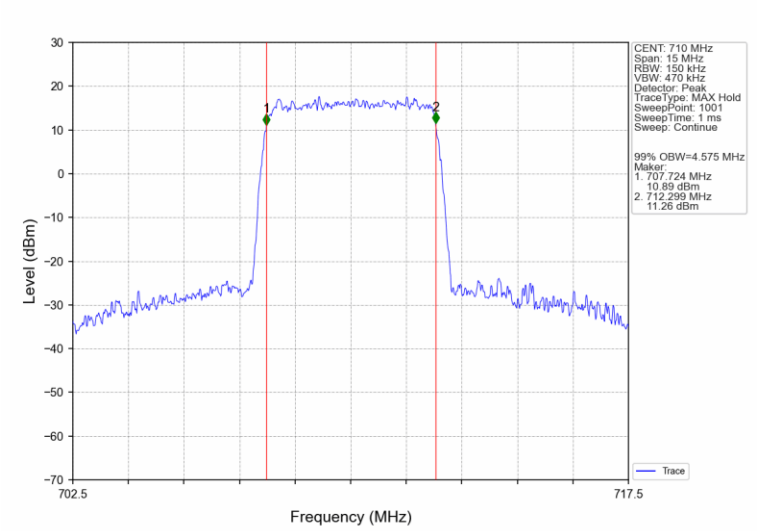
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



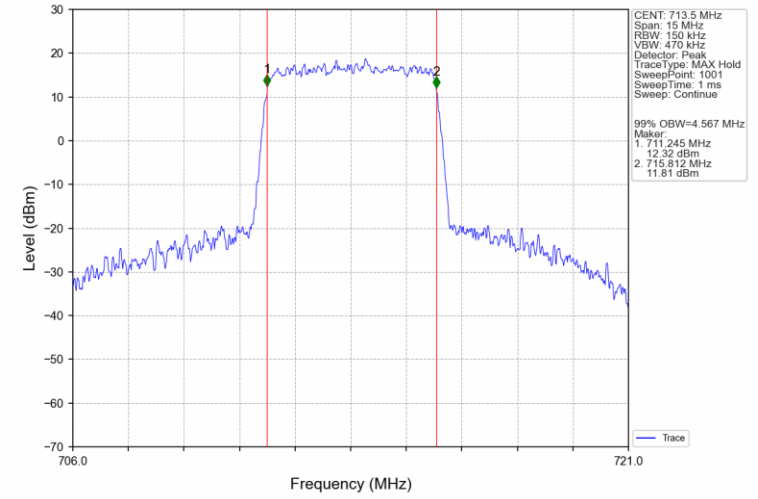
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



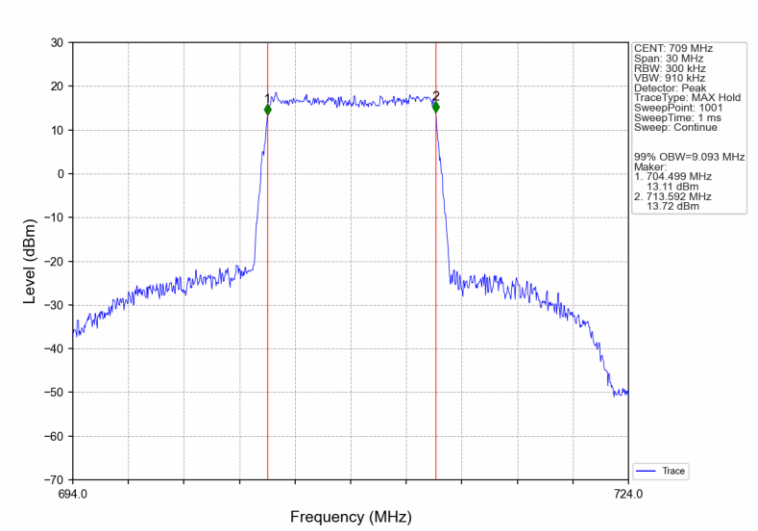
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



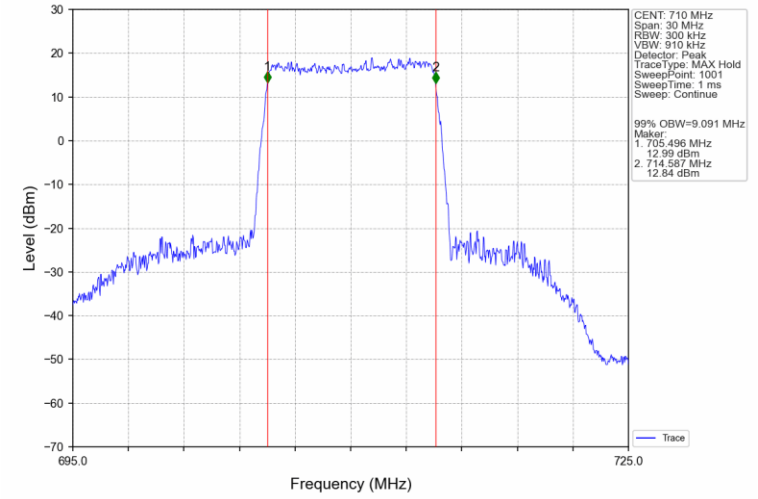
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



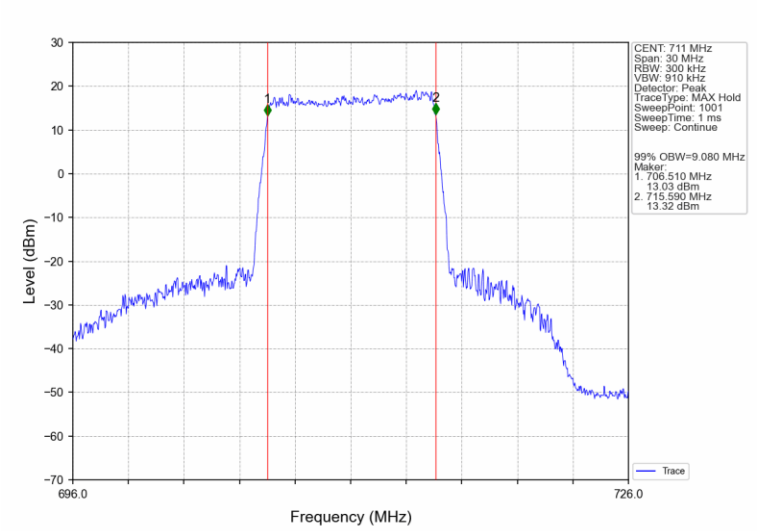
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



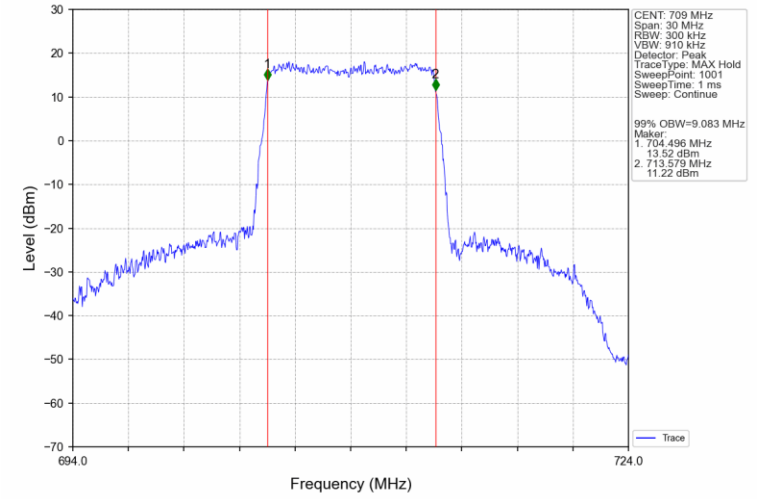
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



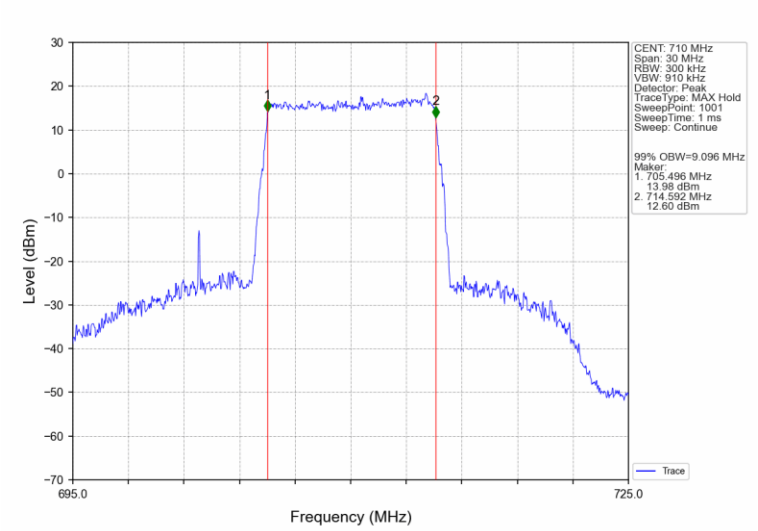
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



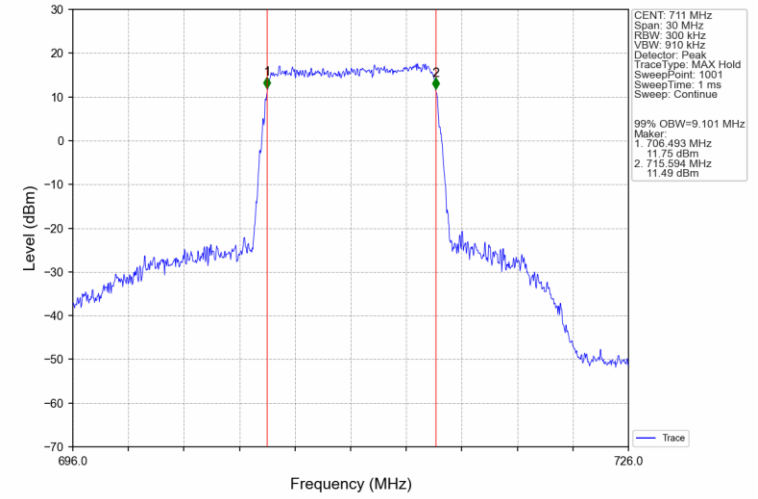
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

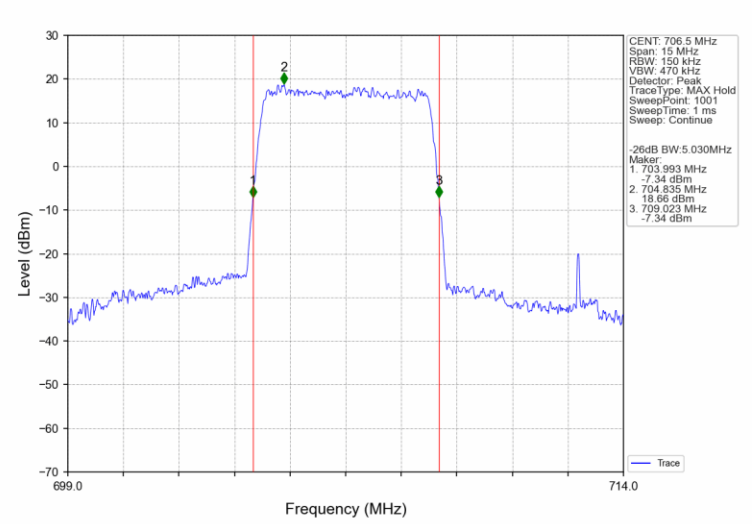


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

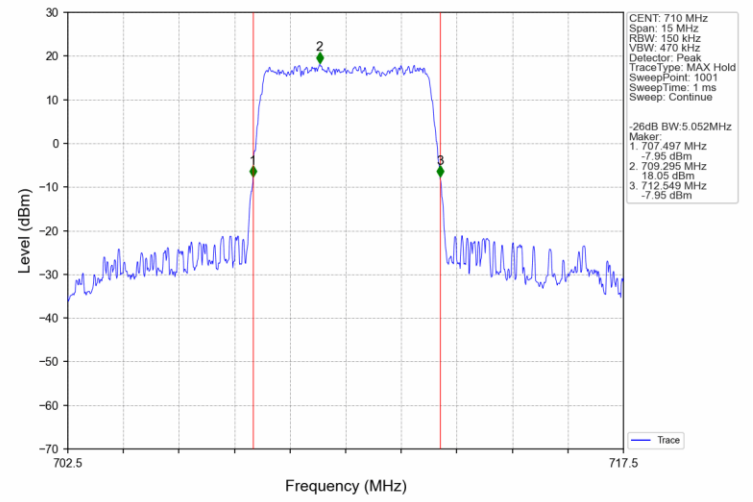


4.2.2 Band17_XDB

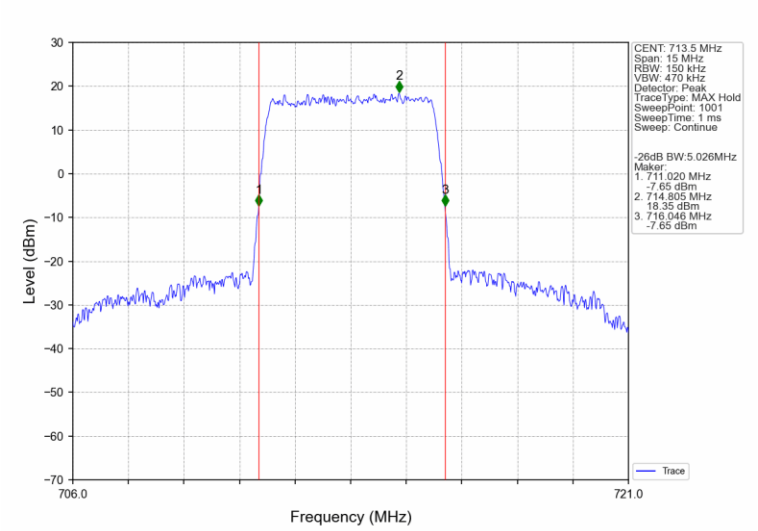
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



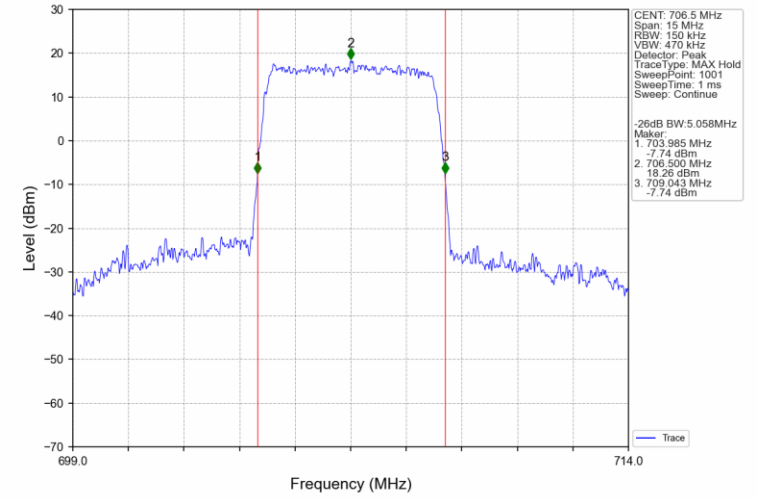
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



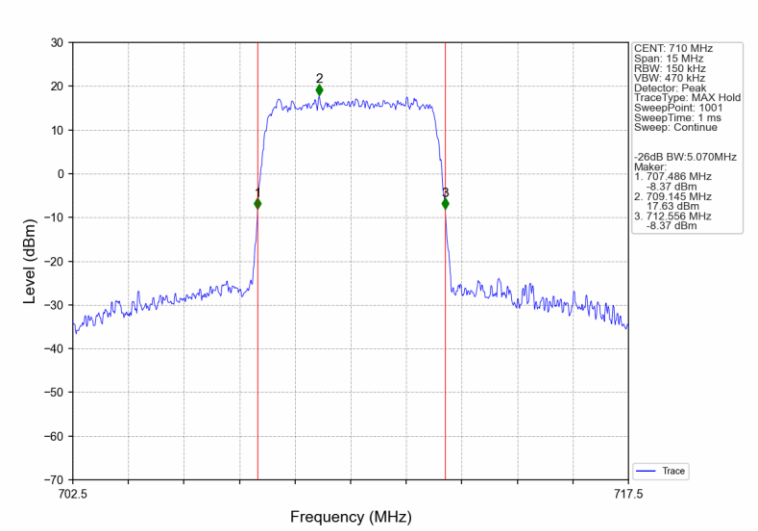
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



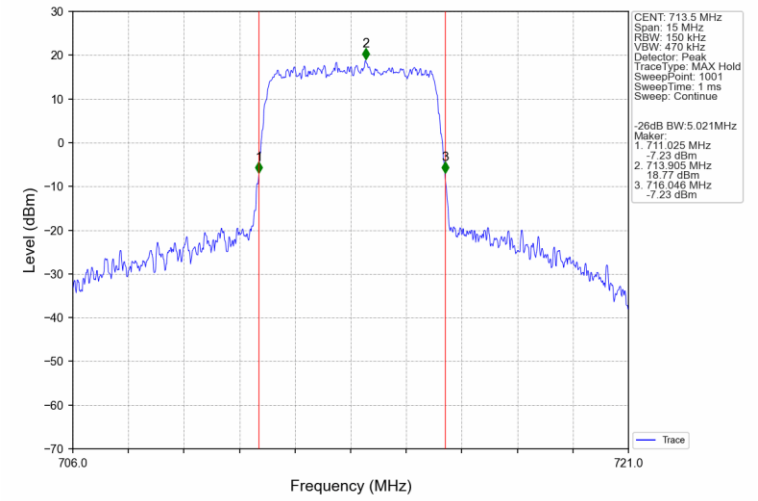
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



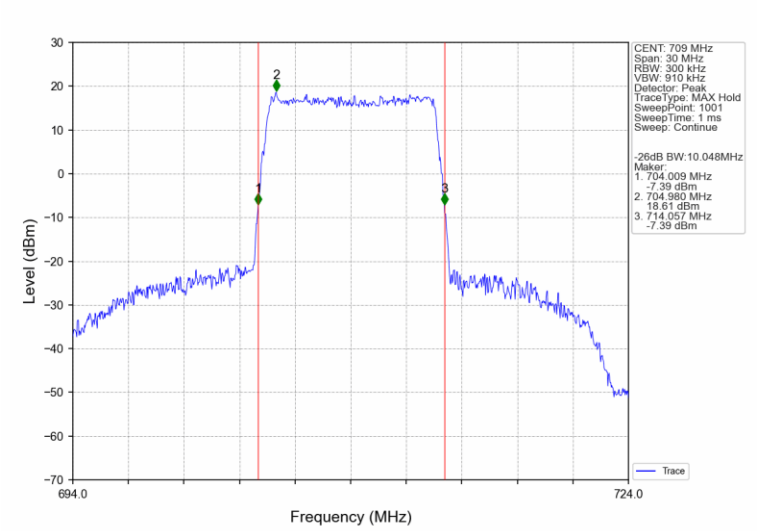
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



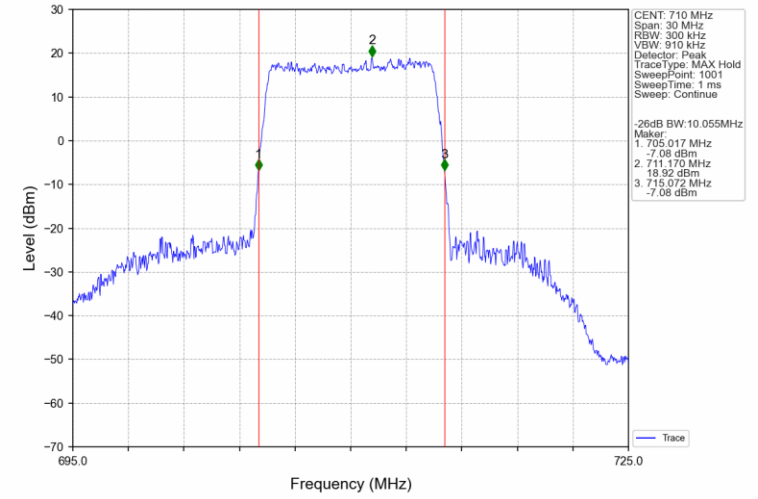
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



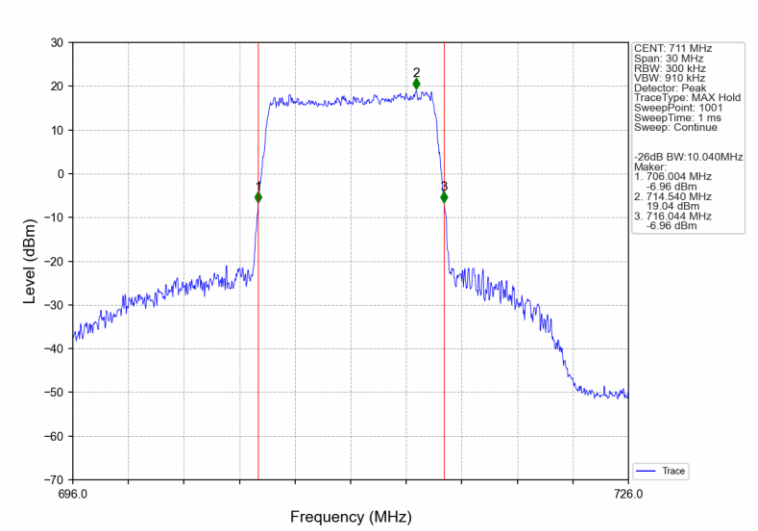
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



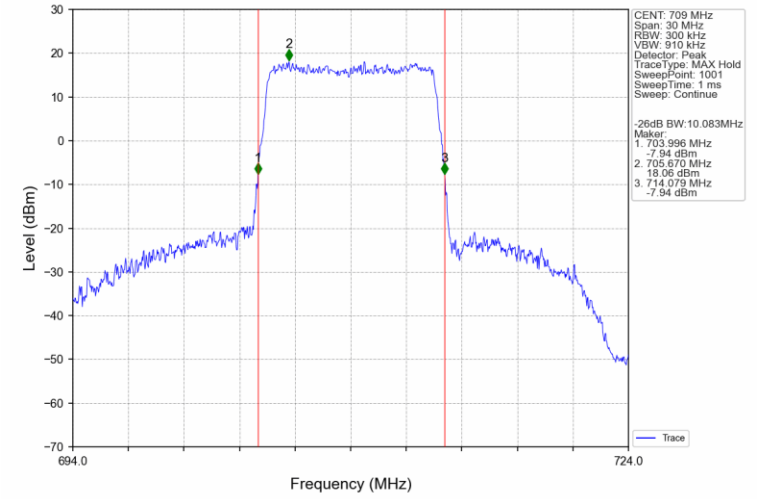
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



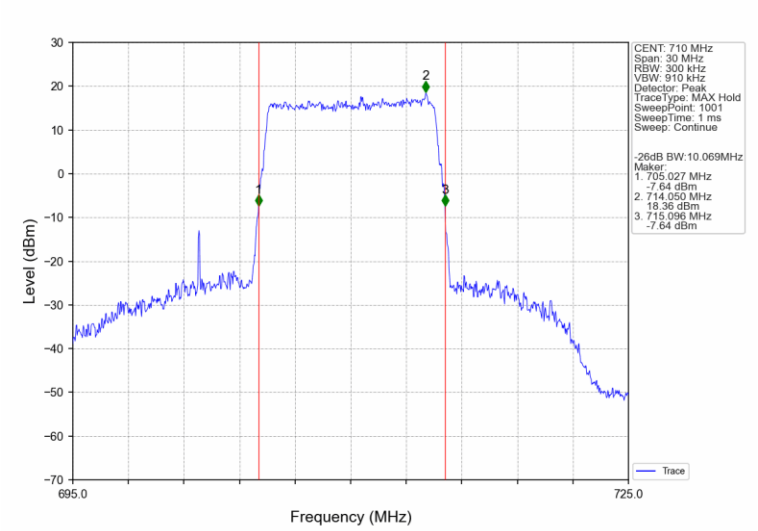
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



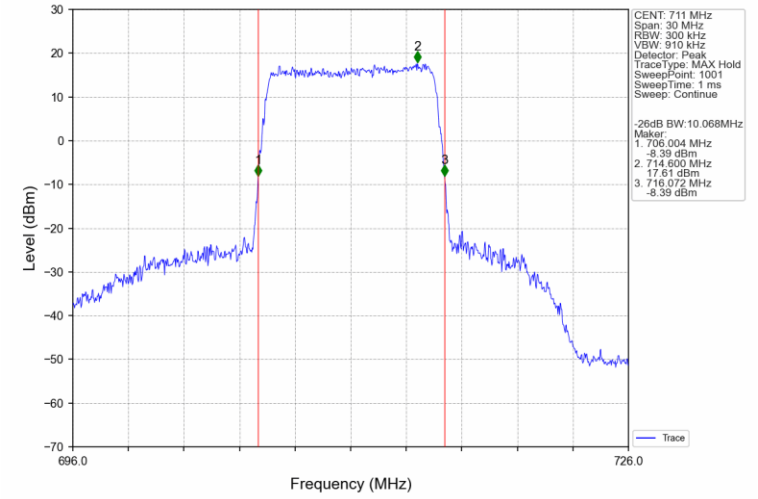
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 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	5.82	<=13	Pass
	710	25	0	5.89	<=13	Pass
	713.5	25	0	5.76	<=13	Pass
16QAM	706.5	25	0	6.61	<=13	Pass
	710	25	0	6.57	<=13	Pass
	713.5	25	0	6.43	<=13	Pass

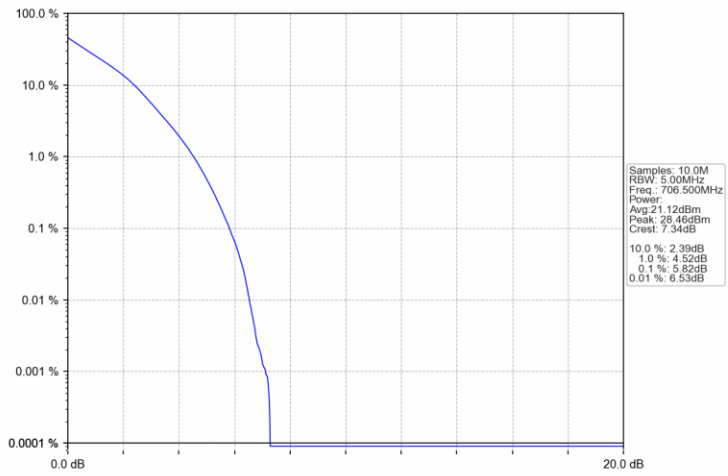
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.95	<=13	Pass
	710	50	0	5.91	<=13	Pass
	711	50	0	5.90	<=13	Pass
16QAM	709	50	0	6.61	<=13	Pass
	710	50	0	6.64	<=13	Pass
	711	50	0	6.63	<=13	Pass

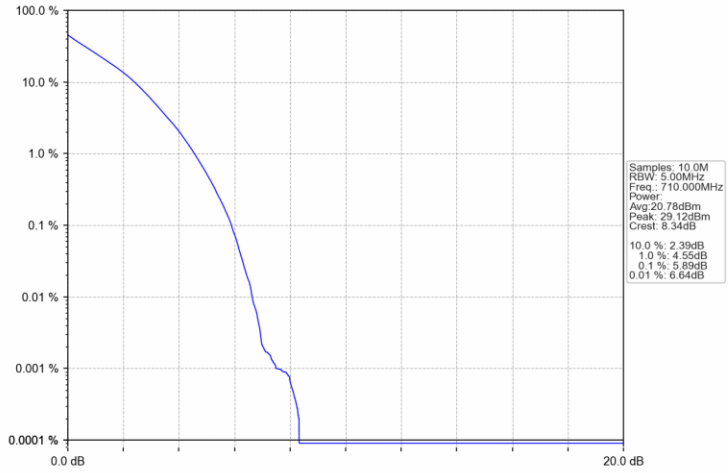
5.2 Test Graph

5.2.1 B17_5MHz

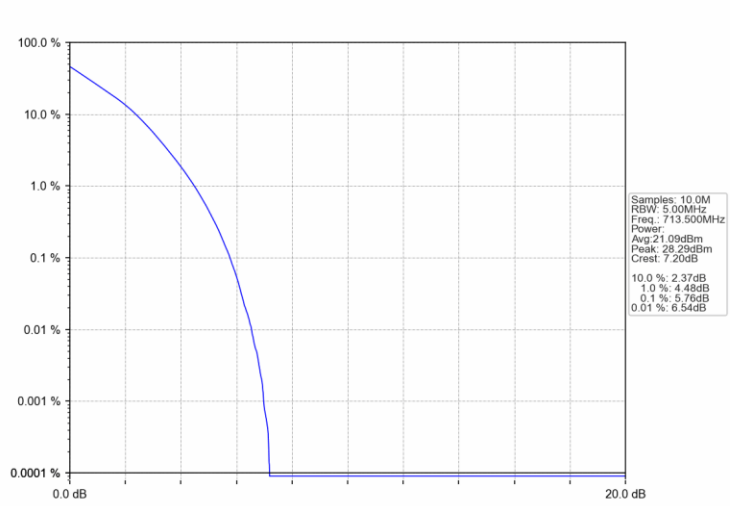
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



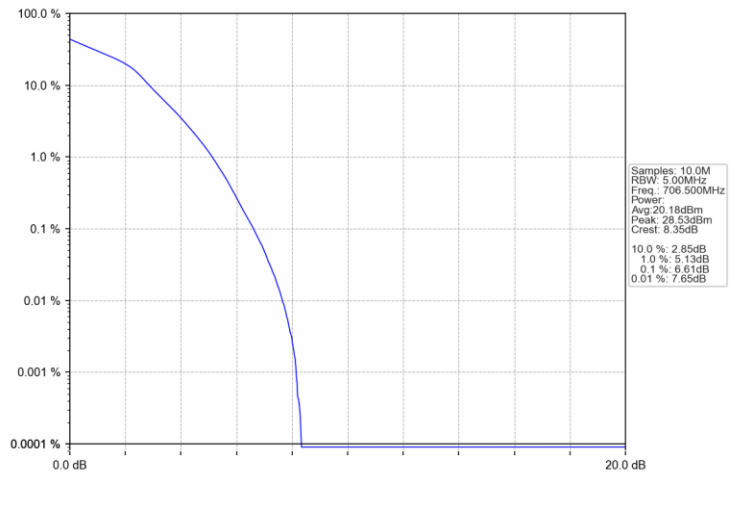
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



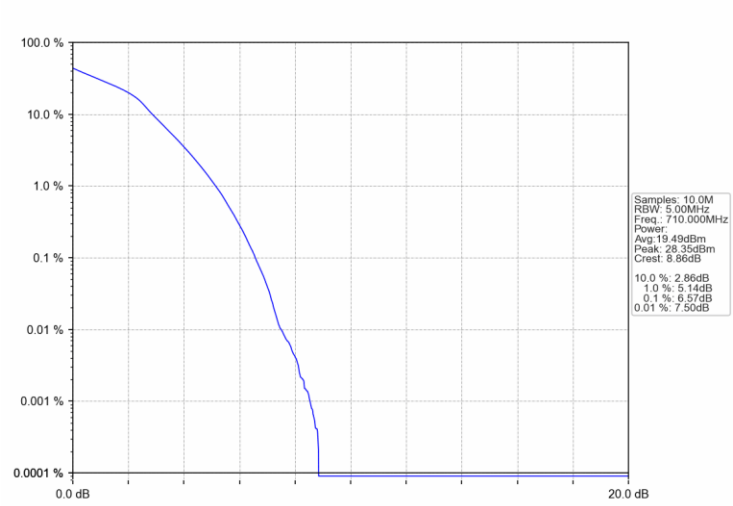
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



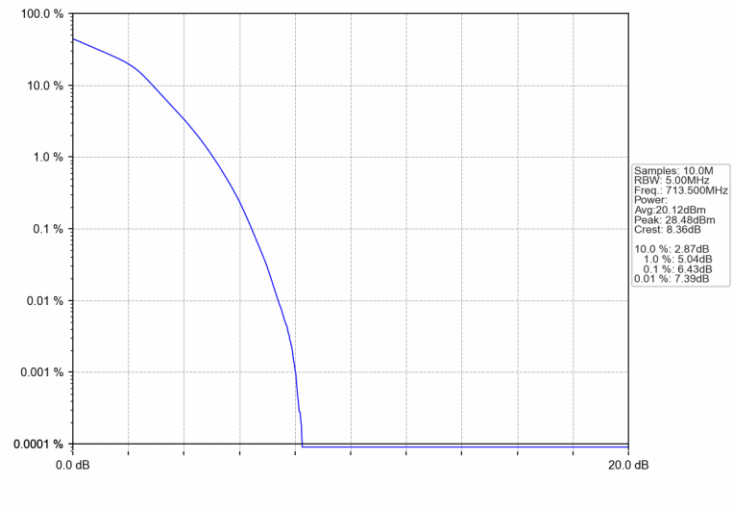
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



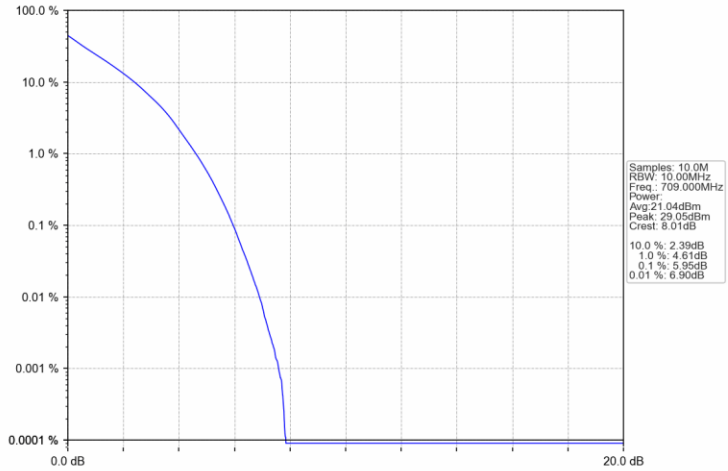
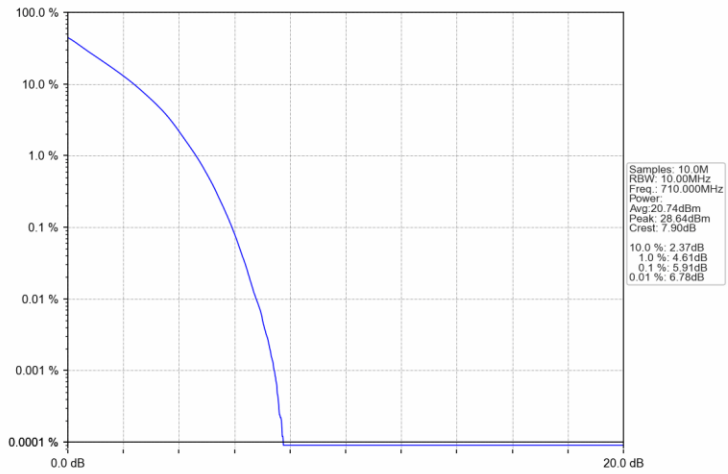
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



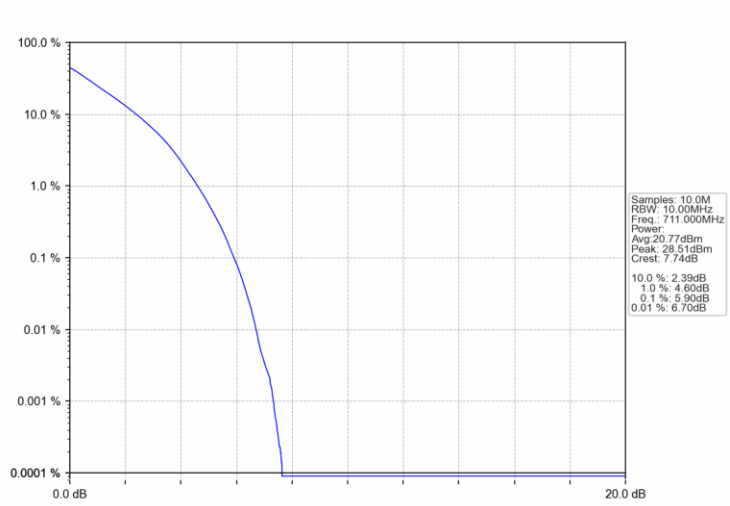
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



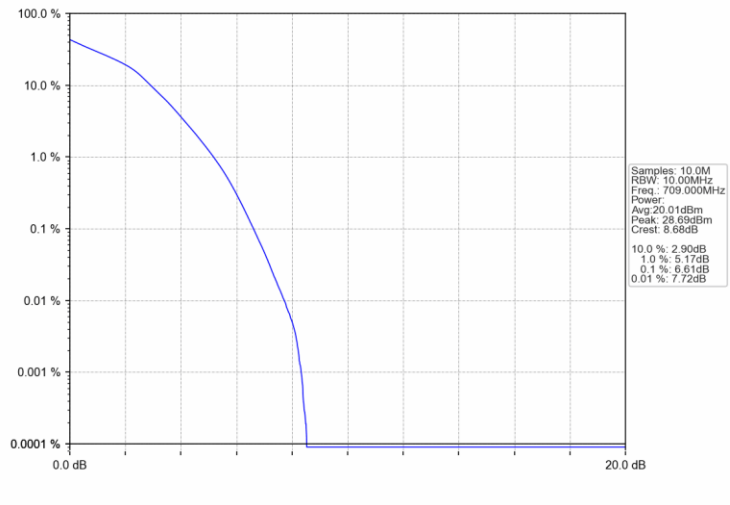
5.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


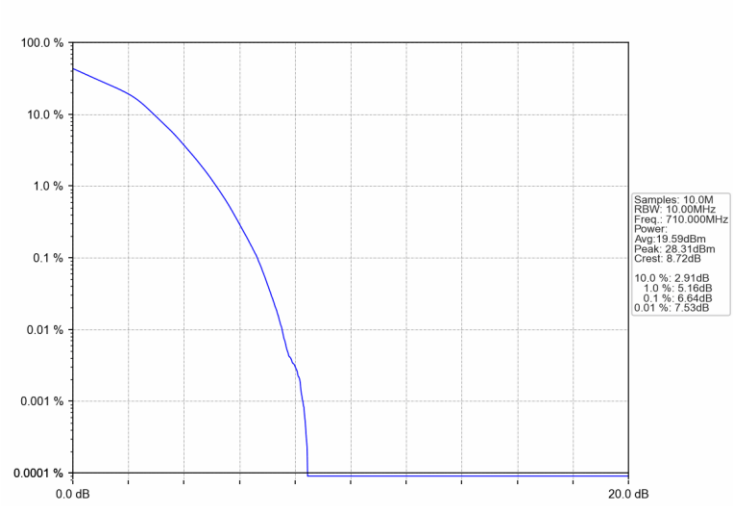
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



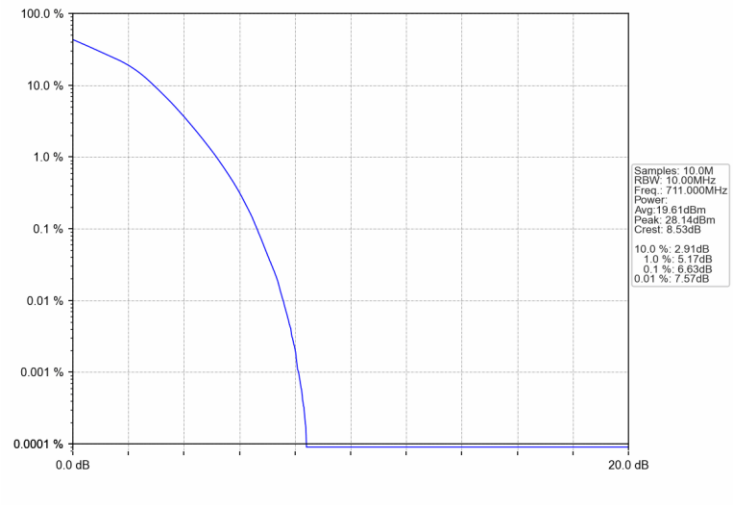
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 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
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

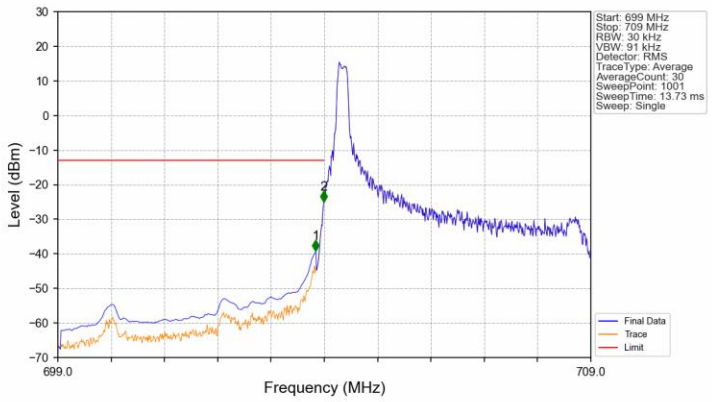
6.1.2 B17_10MHz

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
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

6.2 Test Graph

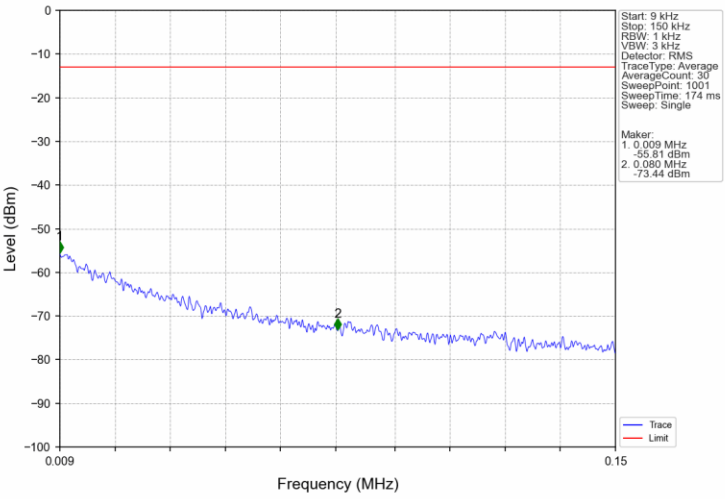
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

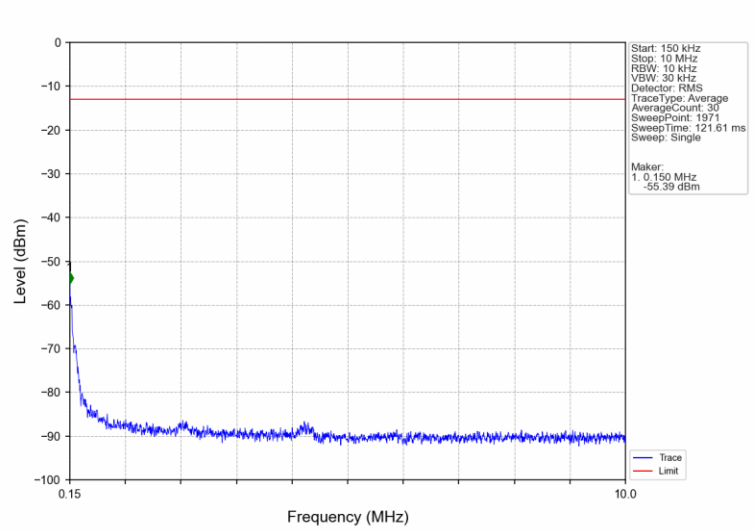


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-39.24	-13	Pass
703.9	704	0.03	/	2	703.990	-24.95	-13	Pass
704	709	0.03	/	/	/	/	/	/

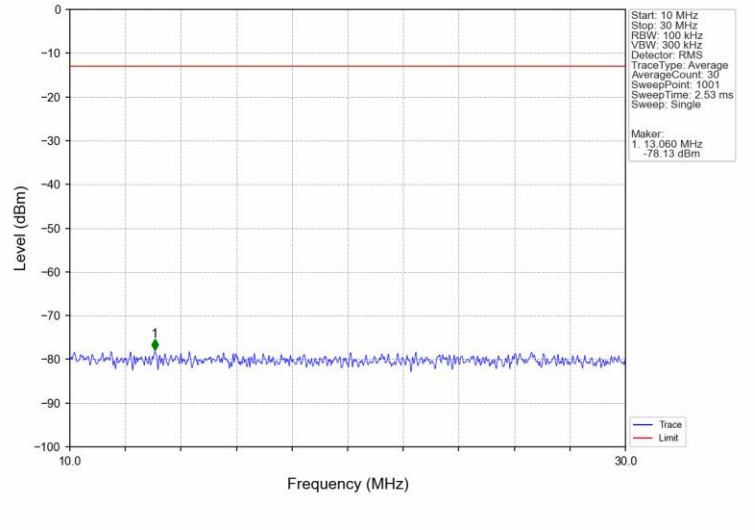
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



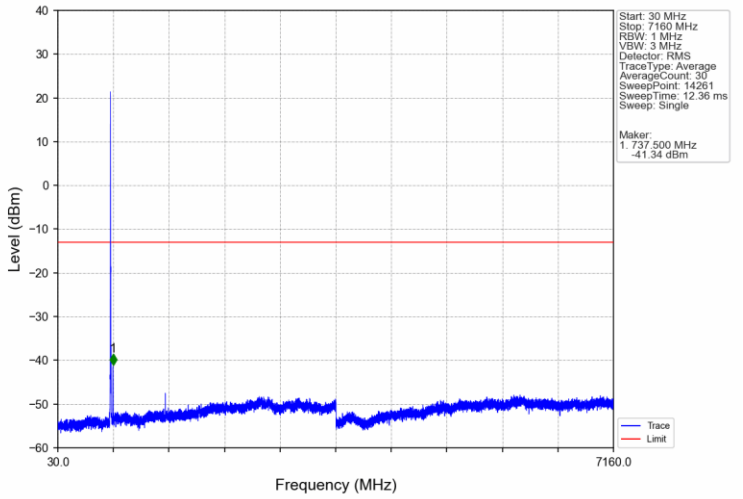
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



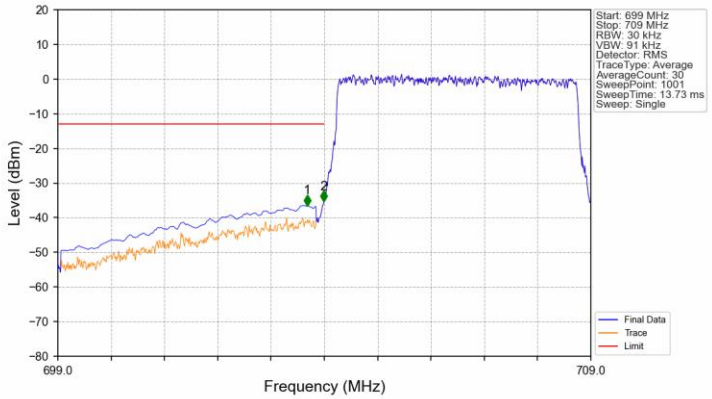
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

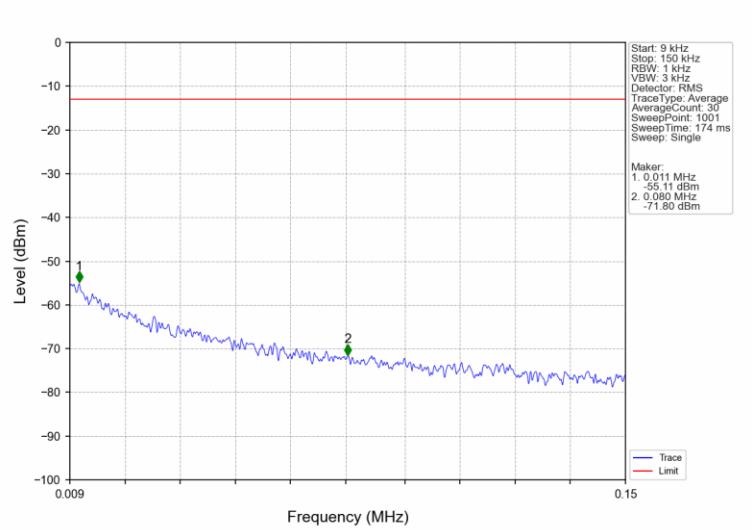


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

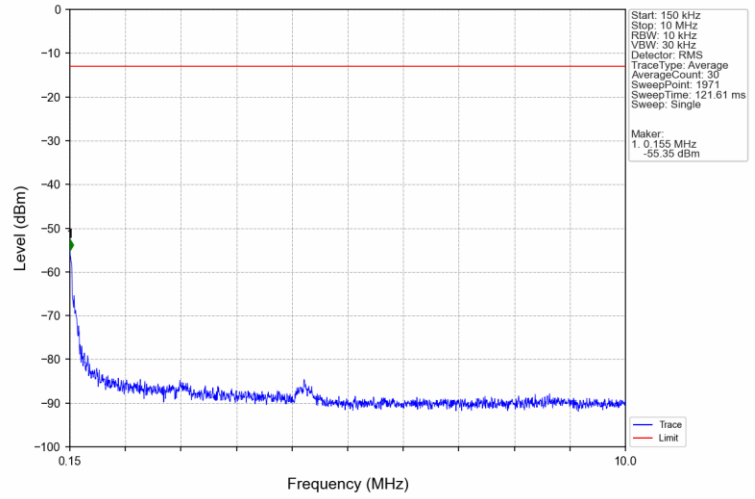


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.680	-36.50	-13	Pass
703.9	704	0.03	/	2	703.990	-35.32	-13	Pass
704	709	0.03	/	/	/	/	/	/

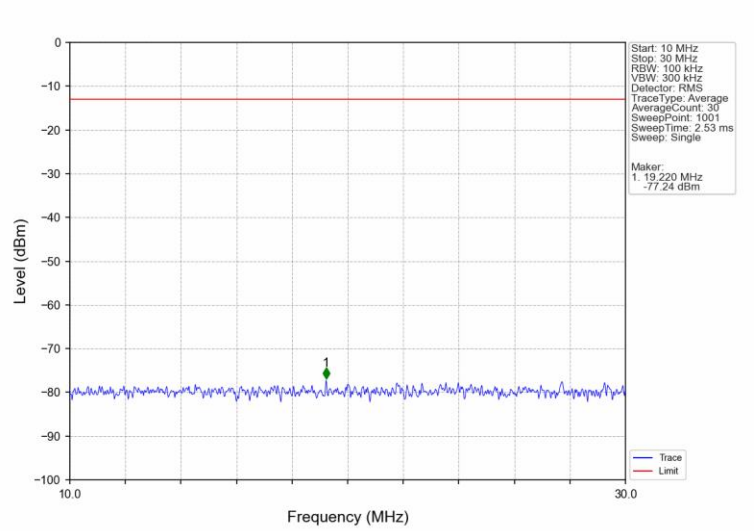
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



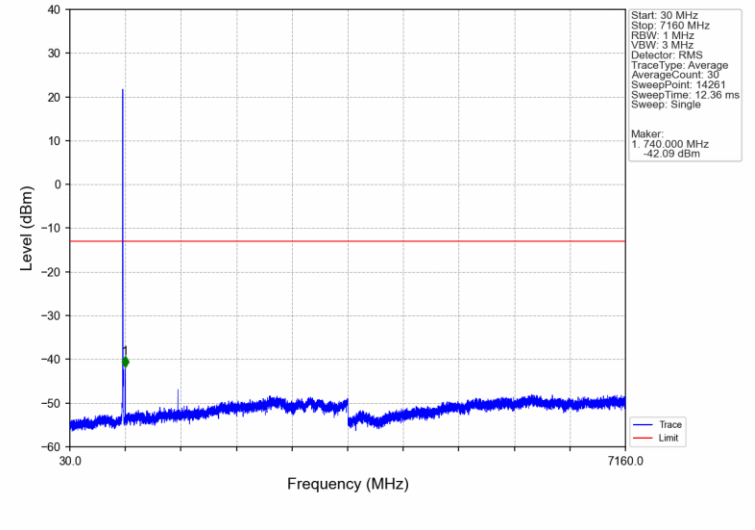
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



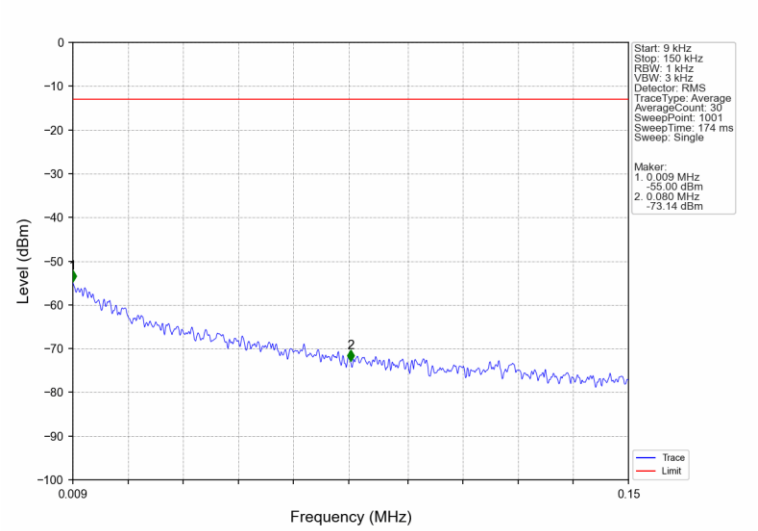
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



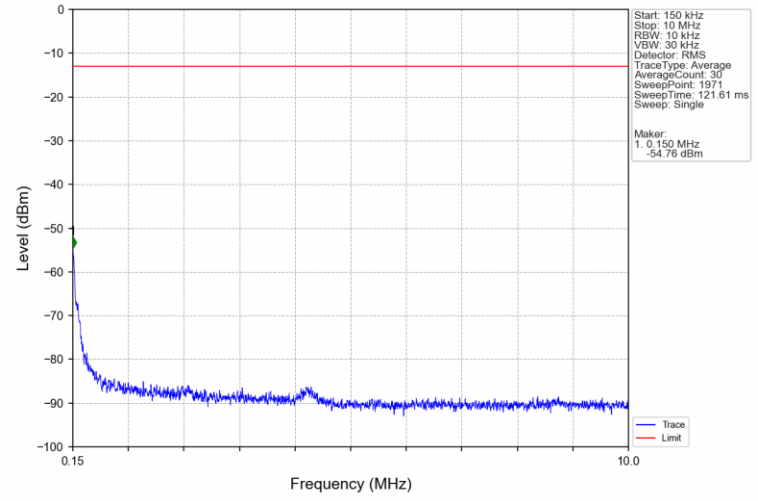
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



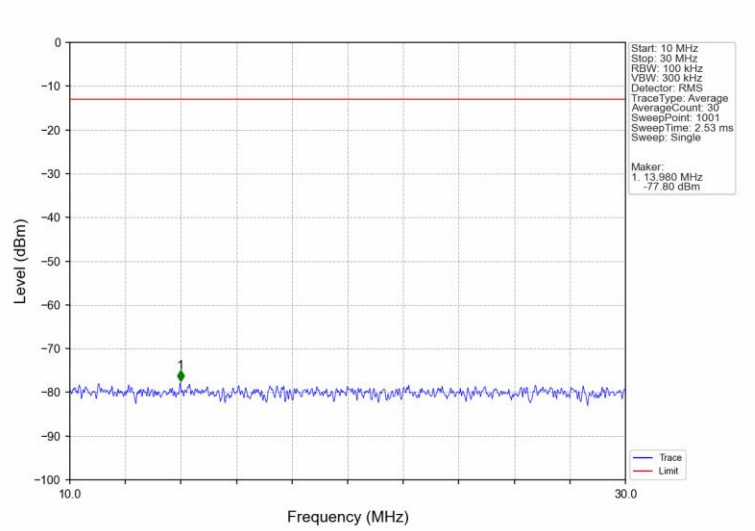
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



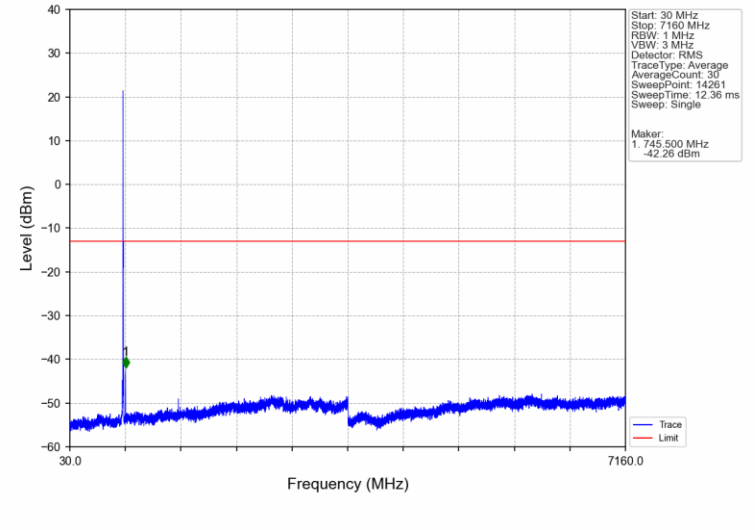
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



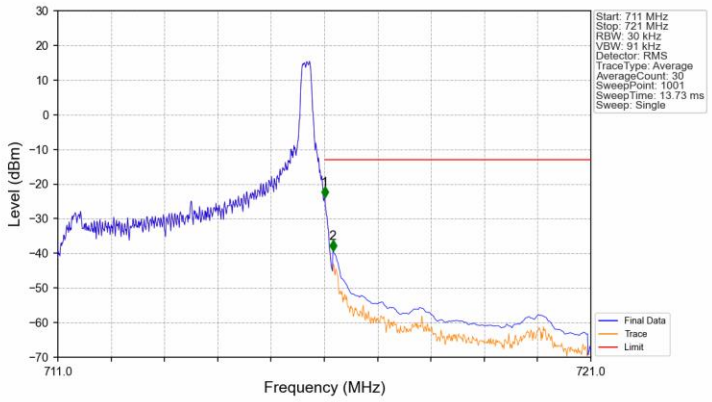
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

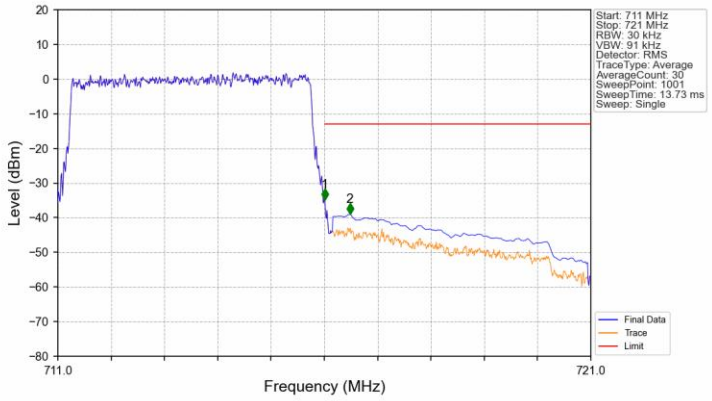


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



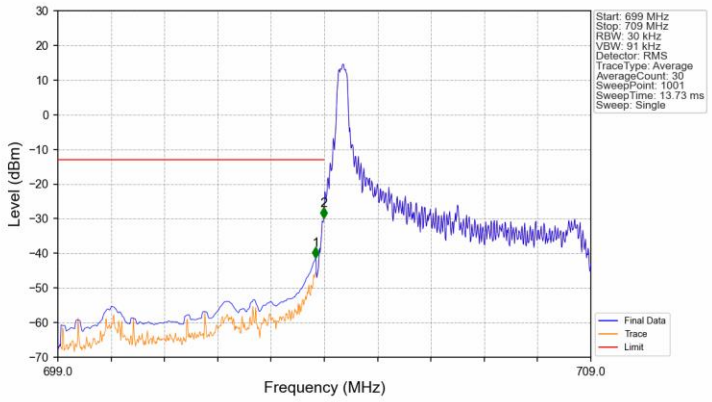
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-23.90	-13	Pass
716.1	721	0.1	CHP	2	716.160	-39.27	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



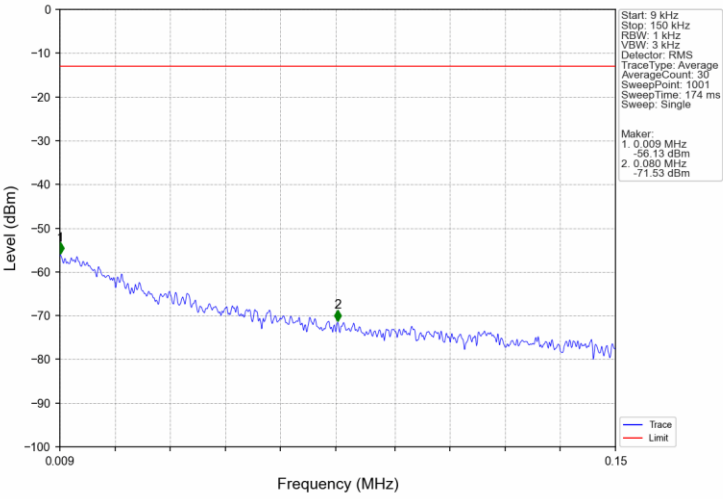
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-34.83	-13	Pass
716.1	721	0.1	CHP	2	716.480	-39.01	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

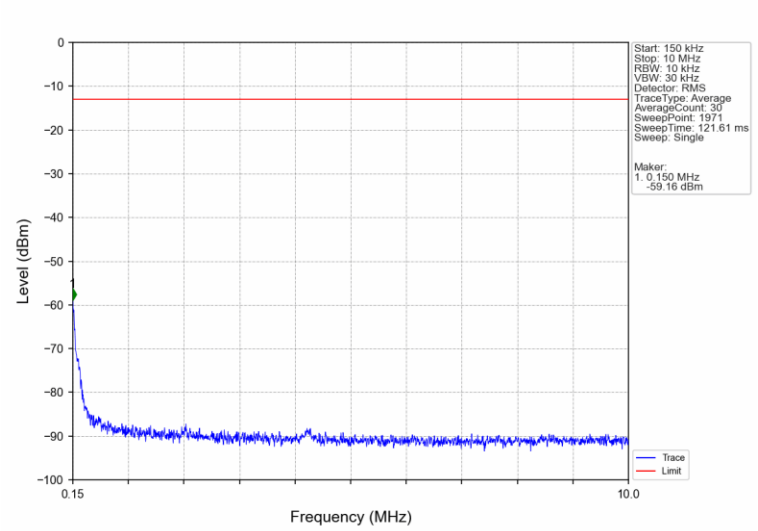


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-41.27	-13	Pass
703.9	704	0.03	/	2	703.990	-29.90	-13	Pass
704	709	0.03	/	/	/	/	/	/

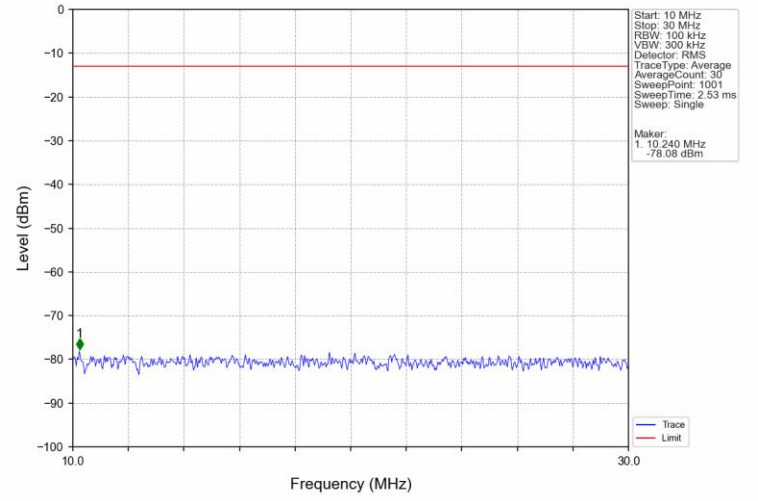
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



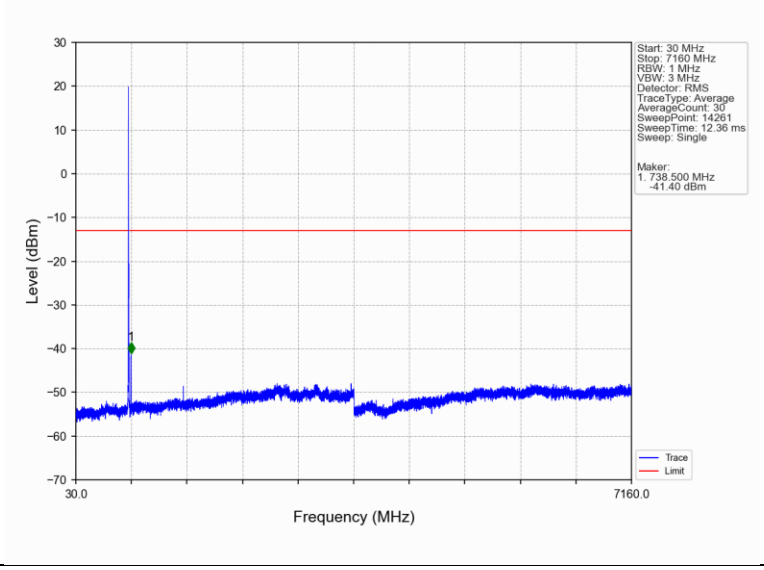
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



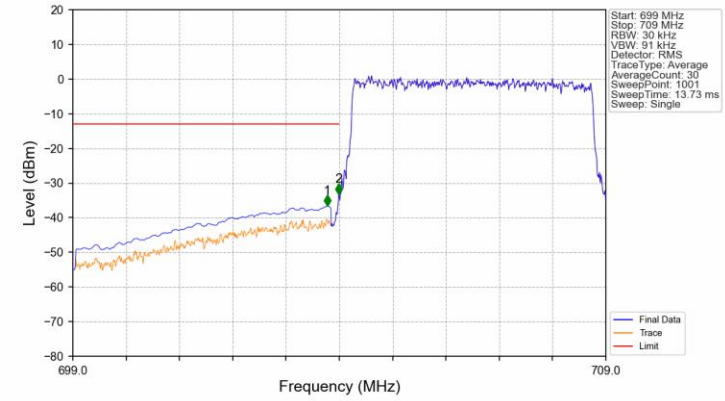
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

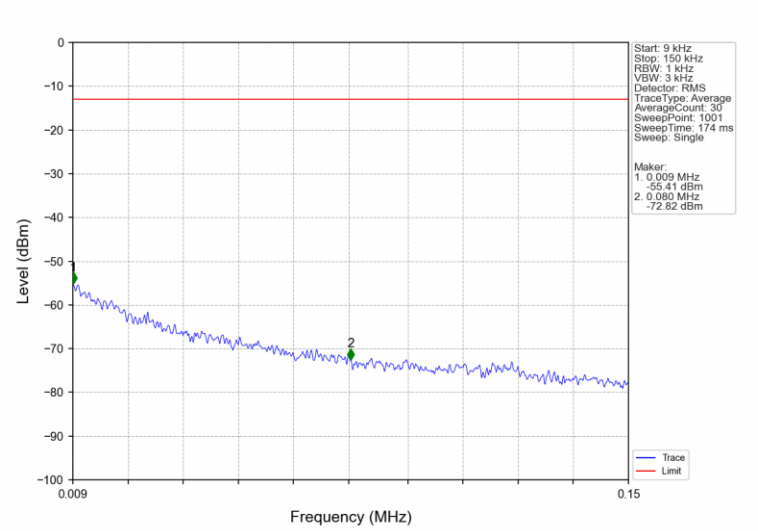


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

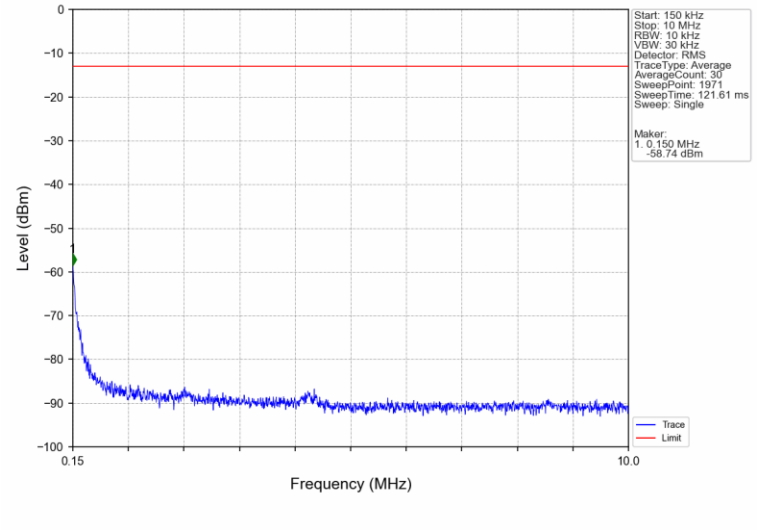


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.770	-36.64	-13	Pass
703.9	704	0.03	/	2	703.990	-33.23	-13	Pass
704	709	0.03	/	/	/	/	/	/

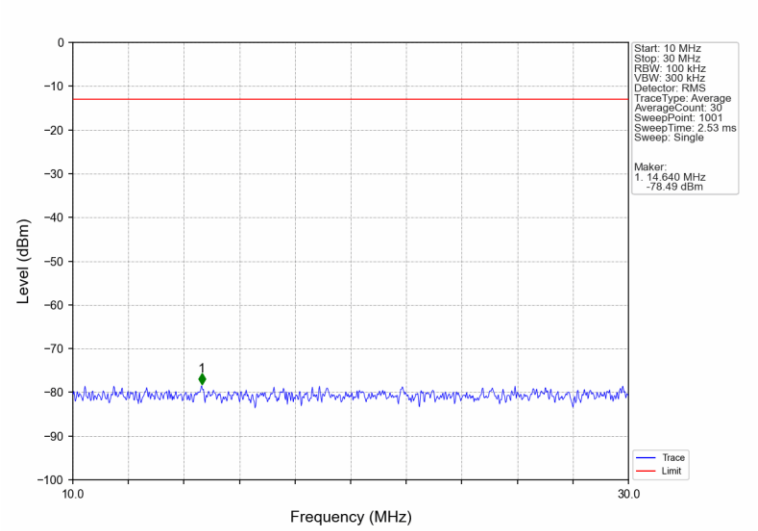
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



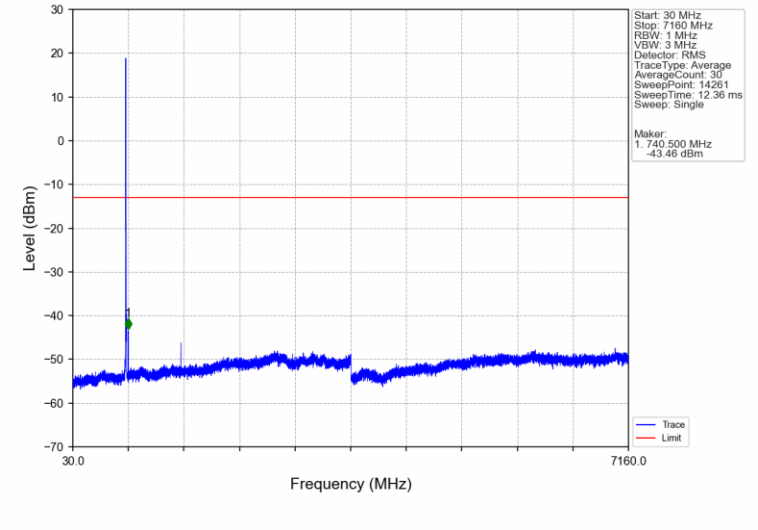
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



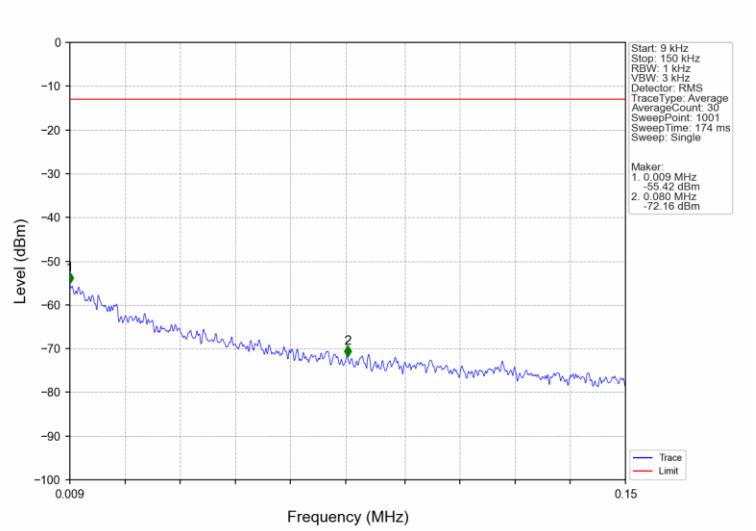
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



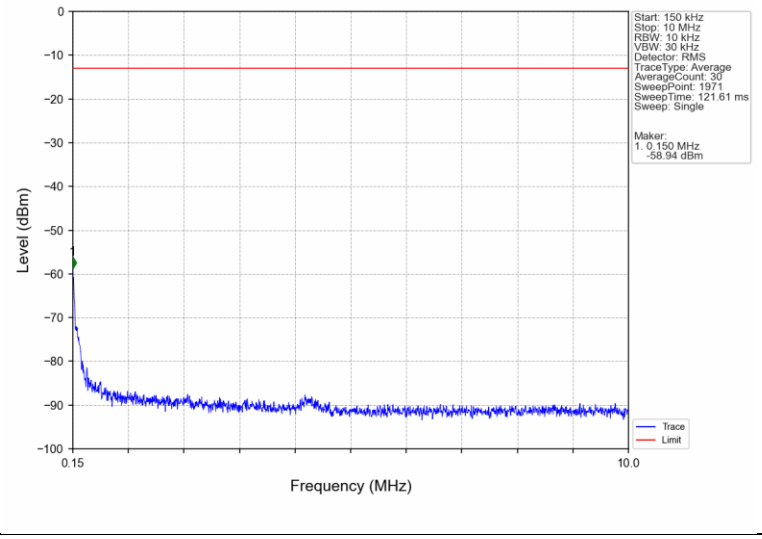
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



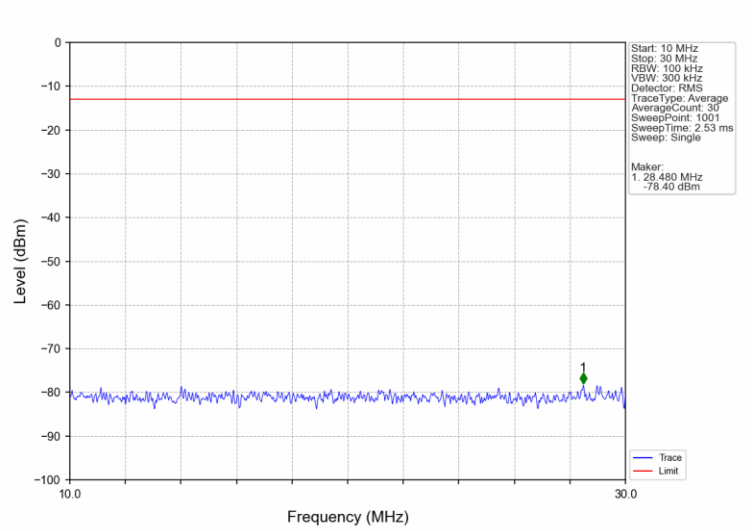
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



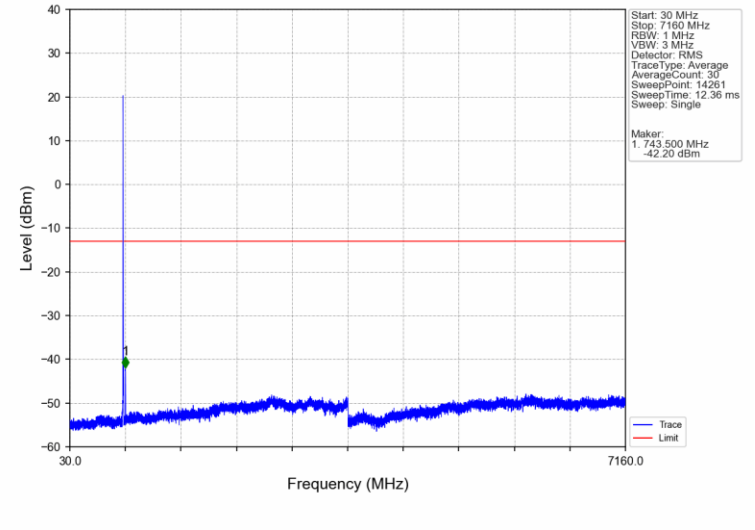
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



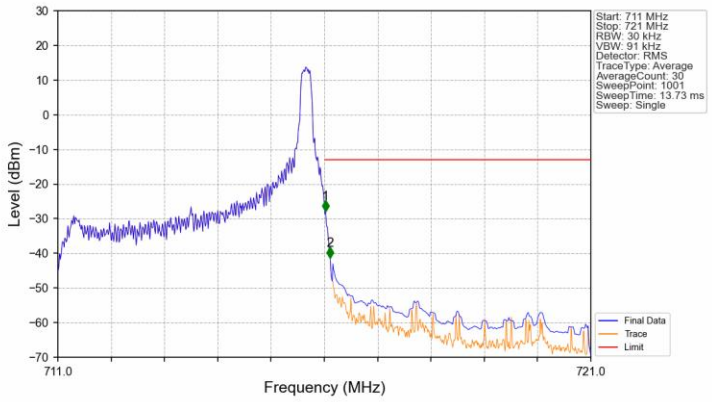
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

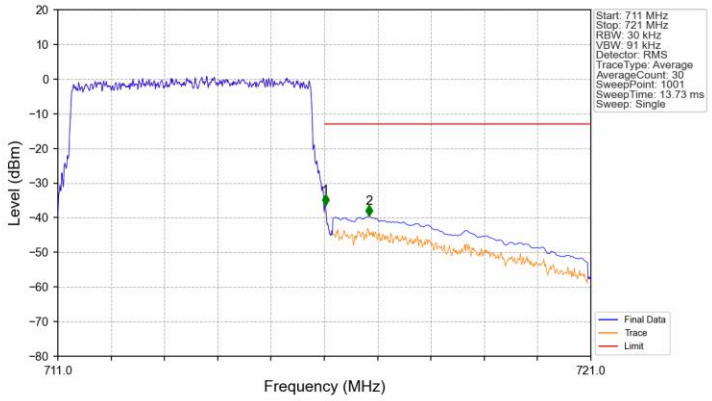


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.020	-27.94	-13	Pass
716.1	721	0.1	CHP	2	716.110	-41.36	-13	Pass

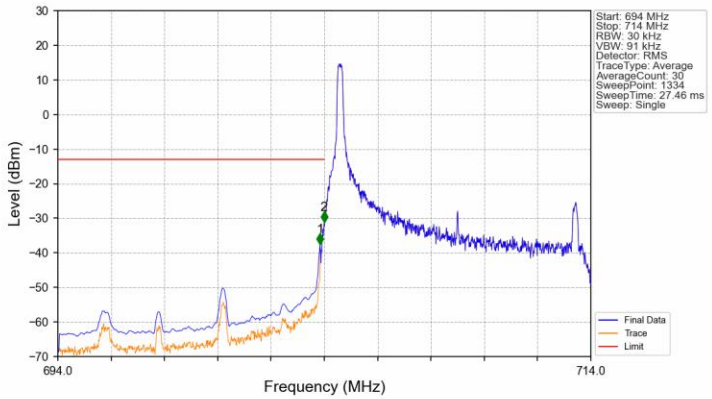
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	-36.39	-13	Pass
716.1	721	0.1	CHP	2	716.840	-39.59	-13	Pass

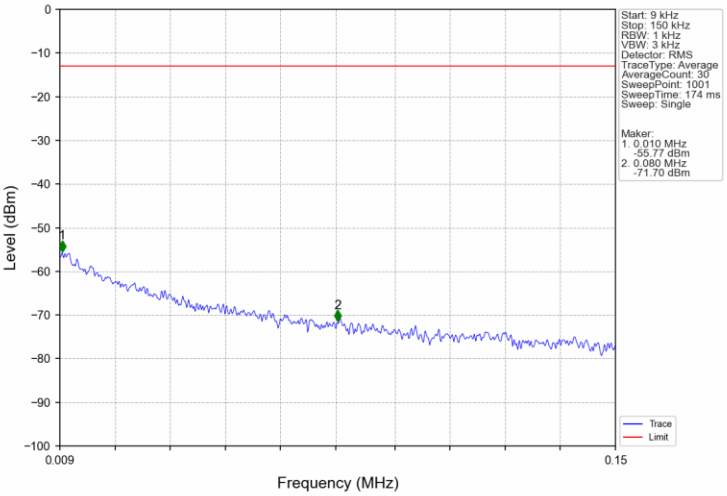
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

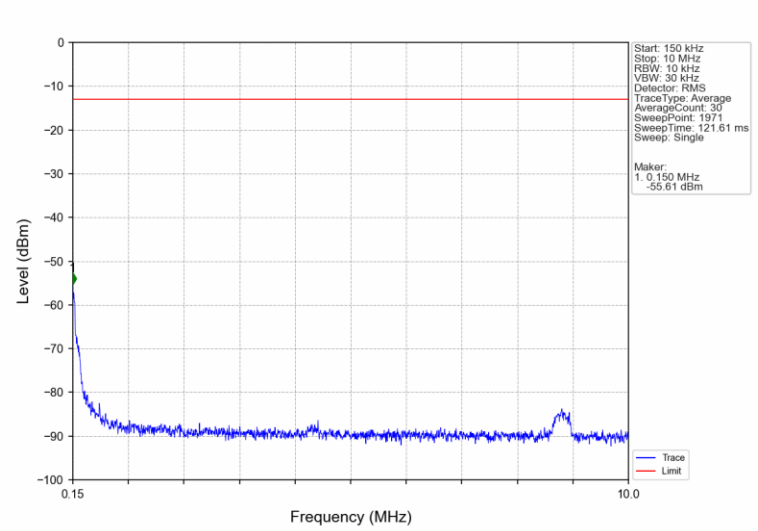


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.55	-13	Pass
703.9	704	0.03	/	2	703.992	-31.23	-13	Pass
704	714	0.03	/	/	/	/	/	/

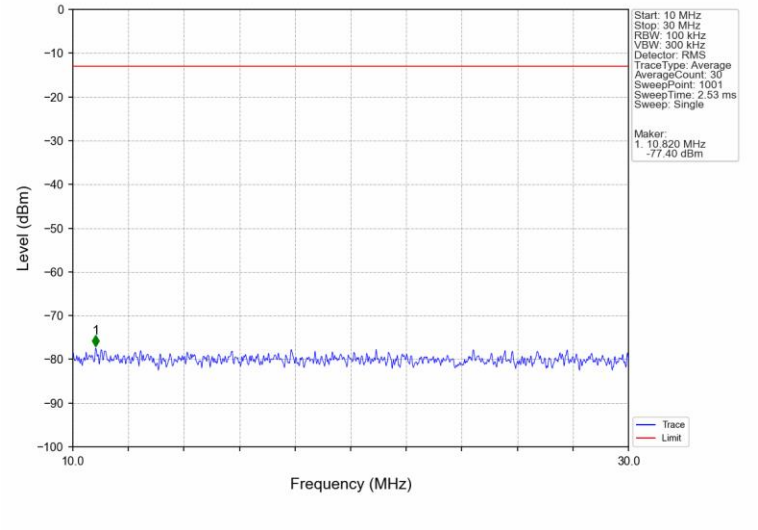
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



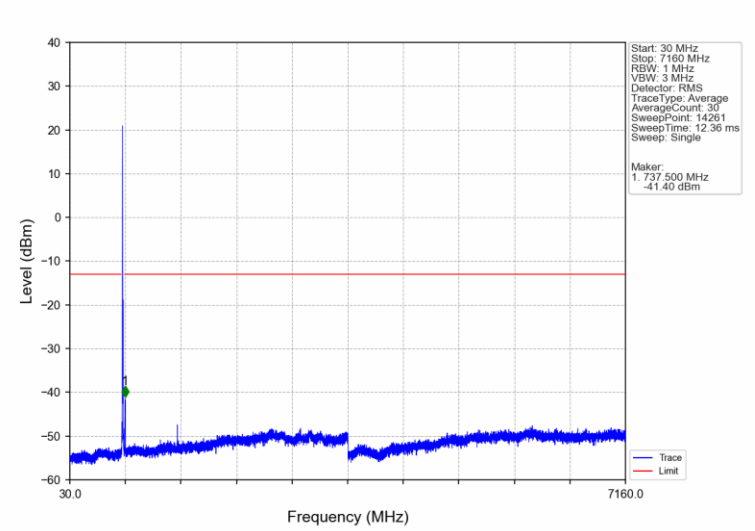
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



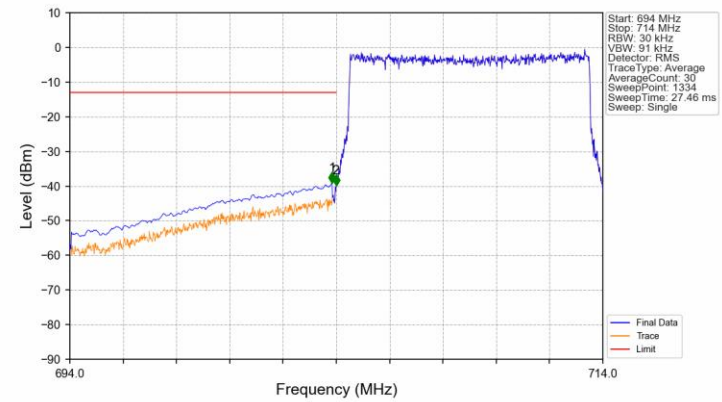
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

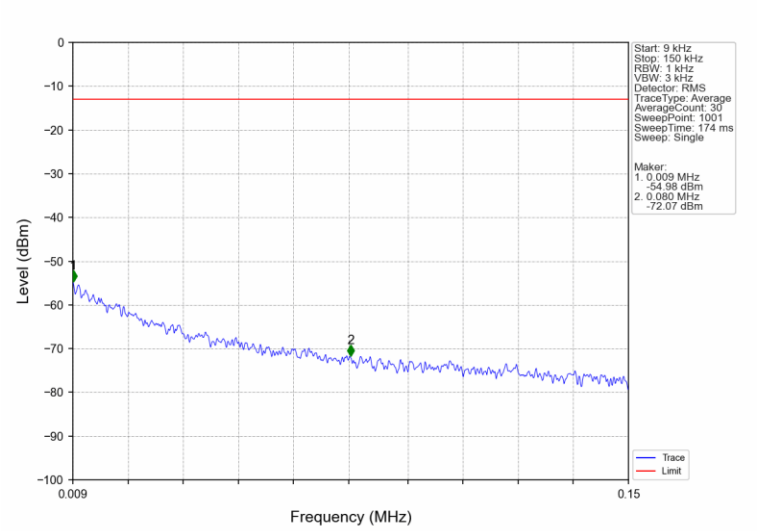


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

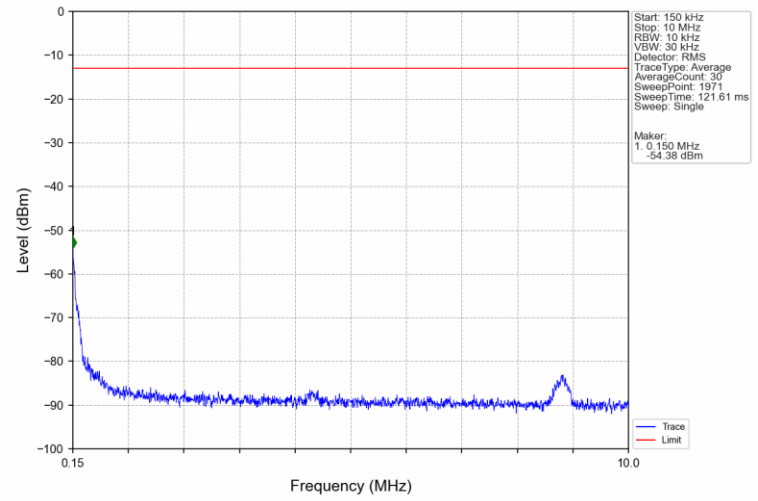


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-39.04	-13	Pass
703.9	704	0.03	/	2	703.992	-39.84	-13	Pass
704	714	0.03	/	/	/	/	/	/

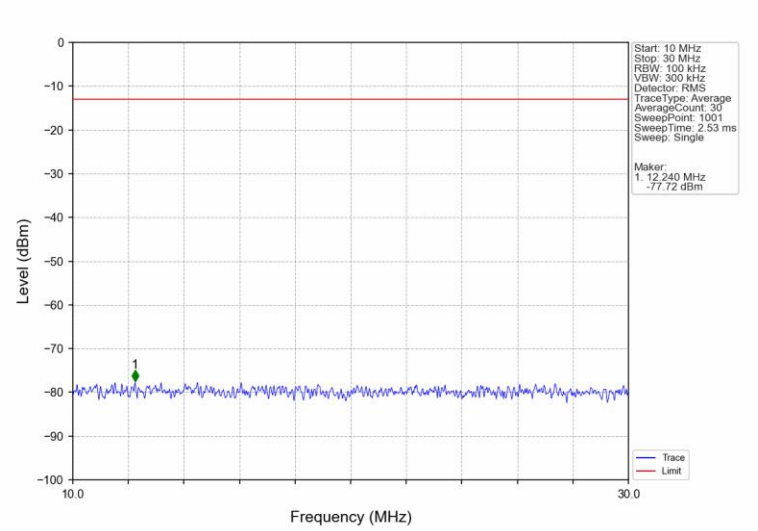
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



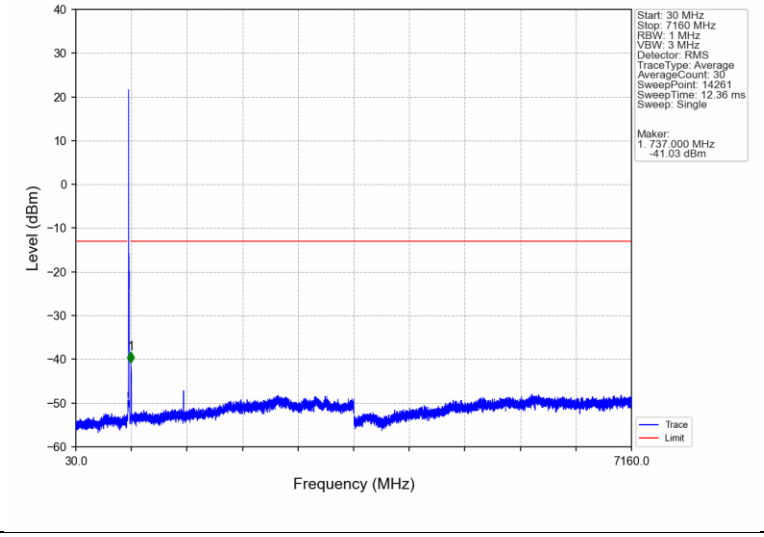
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



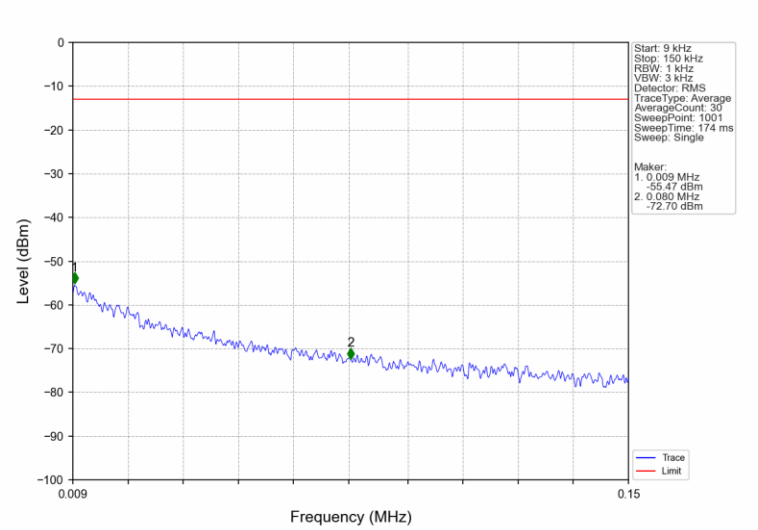
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



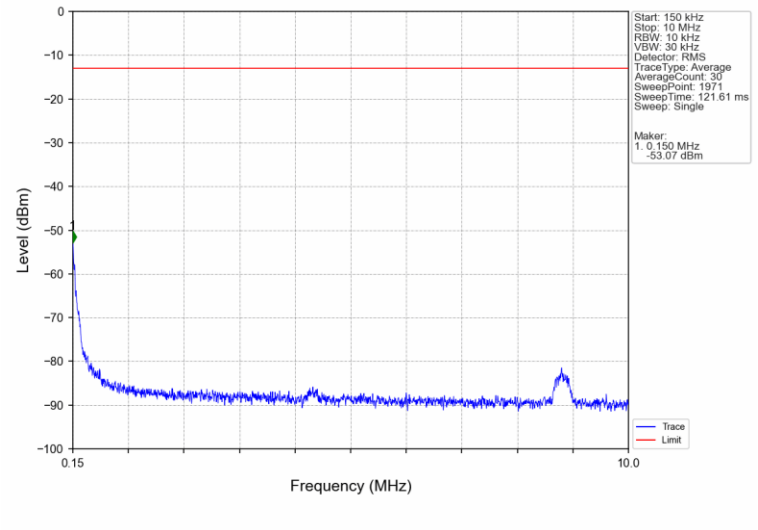
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



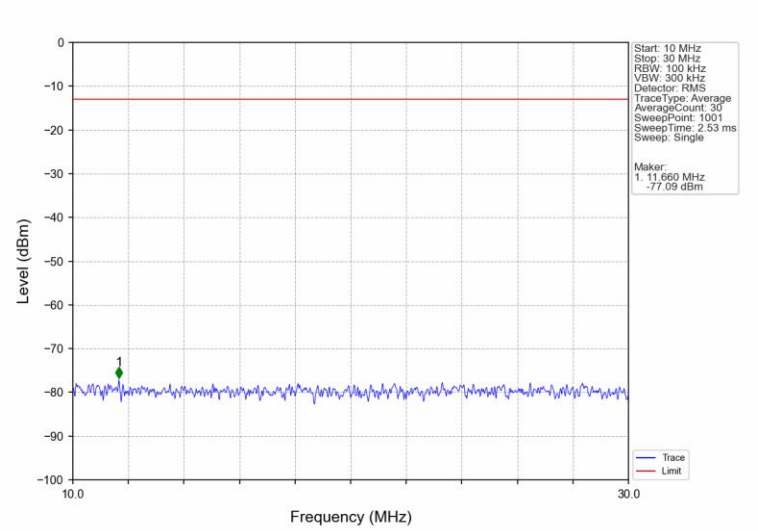
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



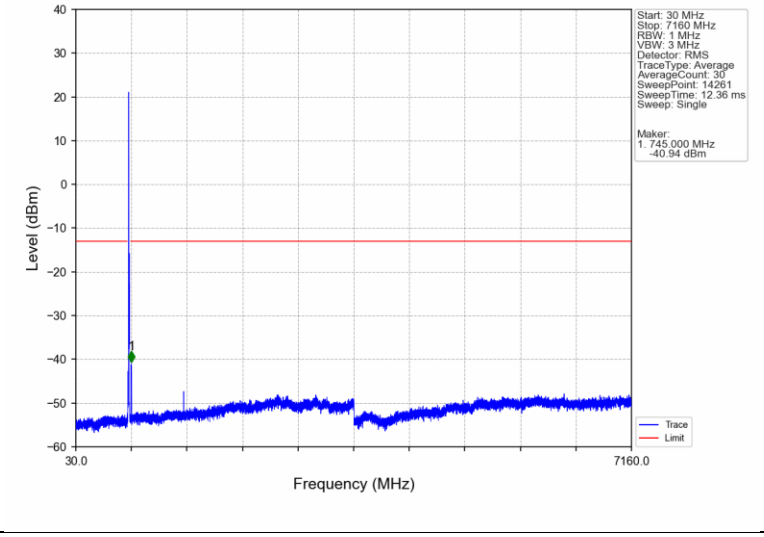
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



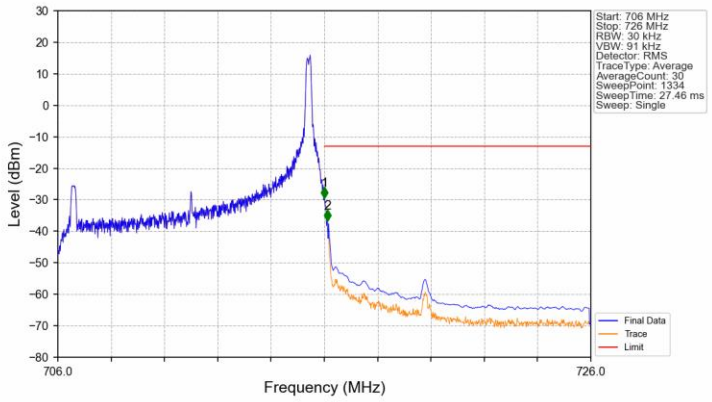
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

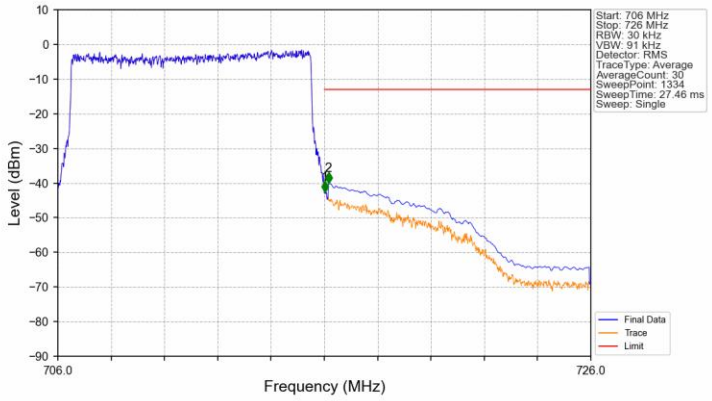


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



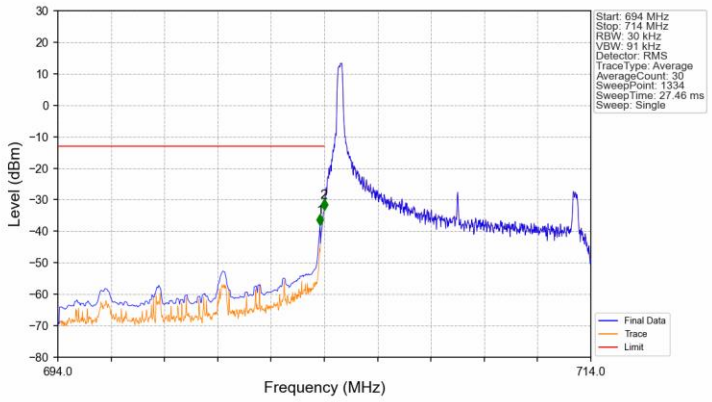
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-29.50	-13	Pass
716.1	726	0.1	CHP	2	716.113	-36.64	-13	Pass

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	716.023	-42.58	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.97	-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	-38.12	-13	Pass
703.9	704	0.03	/	2	703.992	-33.28	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV