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	24.42	-4.20	18.07	<=34.77	Pass
			13	24.37	-4.20	18.02	<=34.77	Pass
			24	24.36	-4.20	18.01	<=34.77	Pass
		12	0	23.54	-4.20	17.19	<=34.77	Pass
			6	23.45	-4.20	17.10	<=34.77	Pass
			13	23.46	-4.20	17.11	<=34.77	Pass
		25	0	23.42	-4.20	17.07	<=34.77	Pass
	710	1	0	24.51	-4.20	18.16	<=34.77	Pass
			13	24.55	-4.20	18.20	<=34.77	Pass
			24	24.57	-4.20	18.22	<=34.77	Pass
		12	0	23.44	-4.20	17.09	<=34.77	Pass
			6	23.49	-4.20	17.14	<=34.77	Pass
			13	23.60	-4.20	17.25	<=34.77	Pass
		25	0	23.45	-4.20	17.10	<=34.77	Pass
	713.5	1	0	24.57	-4.20	18.22	<=34.77	Pass
			13	24.51	-4.20	18.16	<=34.77	Pass
			24	24.49	-4.20	18.14	<=34.77	Pass
		12	0	23.67	-4.20	17.32	<=34.77	Pass
			6	23.60	-4.20	17.25	<=34.77	Pass
			13	23.64	-4.20	17.29	<=34.77	Pass
		25	0	23.63	-4.20	17.28	<=34.77	Pass
16QAM	706.5	1	0	23.47	-4.20	17.12	<=34.77	Pass
			13	23.36	-4.20	17.01	<=34.77	Pass
			24	23.35	-4.20	17.00	<=34.77	Pass
		12	0	22.43	-4.20	16.08	<=34.77	Pass
			6	22.37	-4.20	16.02	<=34.77	Pass
			13	22.95	-4.20	16.60	<=34.77	Pass
		25	0	22.46	-4.20	16.11	<=34.77	Pass
	710	1	0	23.25	-4.20	16.90	<=34.77	Pass
			13	23.27	-4.20	16.92	<=34.77	Pass
			24	23.40	-4.20	17.05	<=34.77	Pass
		12	0	22.88	-4.20	16.53	<=34.77	Pass
			6	22.90	-4.20	16.55	<=34.77	Pass
			13	23.02	-4.20	16.67	<=34.77	Pass
		25	0	22.94	-4.20	16.59	<=34.77	Pass
	713.5	1	0	22.81	-4.20	16.46	<=34.77	Pass
			13	22.75	-4.20	16.40	<=34.77	Pass
			24	22.71	-4.20	16.36	<=34.77	Pass
		12	0	22.92	-4.20	16.57	<=34.77	Pass
			6	22.61	-4.20	16.26	<=34.77	Pass
			13	22.63	-4.20	16.28	<=34.77	Pass
		25	0	22.70	-4.20	16.35	<=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	24.43	-4.20	18.08	<=34.77	Pass
			25	24.43	-4.20	18.08	<=34.77	Pass
			49	24.56	-4.20	18.21	<=34.77	Pass
		25	0	23.54	-4.20	17.19	<=34.77	Pass
			13	23.38	-4.20	17.03	<=34.77	Pass
			25	23.65	-4.20	17.30	<=34.77	Pass
		50	0	23.36	-4.20	17.01	<=34.77	Pass
	710	1	0	24.45	-4.20	18.10	<=34.77	Pass
			25	24.64	-4.20	18.29	<=34.77	Pass
			49	24.61	-4.20	18.26	<=34.77	Pass
		25	0	23.43	-4.20	17.08	<=34.77	Pass
			13	23.52	-4.20	17.17	<=34.77	Pass
			25	23.52	-4.20	17.17	<=34.77	Pass
		50	0	23.61	-4.20	17.26	<=34.77	Pass
	711	1	0	24.43	-4.20	18.08	<=34.77	Pass
			25	24.52	-4.20	18.17	<=34.77	Pass
			49	24.53	-4.20	18.18	<=34.77	Pass
		25	0	23.45	-4.20	17.10	<=34.77	Pass
			13	23.46	-4.20	17.11	<=34.77	Pass
			25	23.70	-4.20	17.35	<=34.77	Pass
		50	0	23.56	-4.20	17.21	<=34.77	Pass
16QAM	709	1	0	23.85	-4.20	17.50	<=34.77	Pass
			25	23.67	-4.20	17.32	<=34.77	Pass
			49	24.00	-4.20	17.65	<=34.77	Pass
		25	0	22.38	-4.20	16.03	<=34.77	Pass
			13	22.92	-4.20	16.57	<=34.77	Pass
			25	23.02	-4.20	16.67	<=34.77	Pass
		50	0	22.90	-4.20	16.55	<=34.77	Pass
	710	1	0	23.13	-4.20	16.78	<=34.77	Pass
			25	23.11	-4.20	16.76	<=34.77	Pass
			49	23.31	-4.20	16.96	<=34.77	Pass
		25	0	23.13	-4.20	16.78	<=34.77	Pass
			13	23.13	-4.20	16.78	<=34.77	Pass
			25	23.13	-4.20	16.78	<=34.77	Pass
		50	0	23.03	-4.20	16.68	<=34.77	Pass
	711	1	0	24.12	-4.20	17.77	<=34.77	Pass
			25	24.08	-4.20	17.73	<=34.77	Pass
			49	24.11	-4.20	17.76	<=34.77	Pass
		25	0	22.99	-4.20	16.64	<=34.77	Pass
			13	23.00	-4.20	16.65	<=34.77	Pass
			25	22.66	-4.20	16.31	<=34.77	Pass
		50	0	22.96	-4.20	16.61	<=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	-0.200	-0.0003	-2.5 to 2.5	Pass
					3.85	-40.112	-0.0568	-2.5 to 2.5	Pass
					4.43	-22.087	-0.0313	-2.5 to 2.5	Pass
				-30	3.85	-23.160	-0.0328	-2.5 to 2.5	Pass
				-20	3.85	-15.235	-0.0216	-2.5 to 2.5	Pass
				-10	3.85	-27.094	-0.0383	-2.5 to 2.5	Pass
				0	3.85	-35.834	-0.0507	-2.5 to 2.5	Pass
				10	3.85	-42.014	-0.0595	-2.5 to 2.5	Pass
				30	3.85	-1.531	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-7.238	-0.0102	-2.5 to 2.5	Pass
	710	25	0	20	3.27	41.642	0.0587	-2.5 to 2.5	Pass
					3.85	22.688	0.0320	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-22.287	-0.0314	-2.5 to 2.5	Pass
				-20	3.85	-36.578	-0.0515	-2.5 to 2.5	Pass
				-10	3.85	-31.300	-0.0441	-2.5 to 2.5	Pass
				0	3.85	-10.214	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-17.381	-0.0245	-2.5 to 2.5	Pass
				30	3.85	-26.665	-0.0376	-2.5 to 2.5	Pass
				40	3.85	-36.764	-0.0518	-2.5 to 2.5	Pass
				50	3.85	-41.857	-0.0590	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	13.347	0.0187	-2.5 to 2.5	Pass
					3.85	-8.540	-0.0120	-2.5 to 2.5	Pass
					4.43	-19.197	-0.0269	-2.5 to 2.5	Pass
				-30	3.85	-30.384	-0.0426	-2.5 to 2.5	Pass
				-20	3.85	-38.366	-0.0538	-2.5 to 2.5	Pass
				-10	3.85	-47.336	-0.0663	-2.5 to 2.5	Pass
				0	3.85	-50.354	-0.0706	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-7.839	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-9.942	-0.0139	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-8.683	-0.0123	-2.5 to 2.5	Pass
					3.85	-2.861	-0.0040	-2.5 to 2.5	Pass
					4.43	4.063	0.0058	-2.5 to 2.5	Pass
				-30	3.85	9.055	0.0128	-2.5 to 2.5	Pass
				-20	3.85	10.128	0.0143	-2.5 to 2.5	Pass
				-10	3.85	14.119	0.0200	-2.5 to 2.5	Pass
				0	3.85	16.565	0.0234	-2.5 to 2.5	Pass
				10	3.85	19.112	0.0271	-2.5 to 2.5	Pass
				30	3.85	21.086	0.0298	-2.5 to 2.5	Pass
				40	3.85	19.684	0.0279	-2.5 to 2.5	Pass
				50	3.85	21.243	0.0301	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-47.479	-0.0669	-2.5 to 2.5	Pass
					3.85	-44.732	-0.0630	-2.5 to 2.5	Pass
					4.43	-43.573	-0.0614	-2.5 to 2.5	Pass
				-30	3.85	-39.454	-0.0556	-2.5 to 2.5	Pass
				-20	3.85	-36.449	-0.0513	-2.5 to 2.5	Pass
				-10	3.85	-33.746	-0.0475	-2.5 to 2.5	Pass

				0	3.85	-32.043	-0.0451	-2.5 to 2.5	Pass
				10	3.85	-31.056	-0.0437	-2.5 to 2.5	Pass
				30	3.85	-31.071	-0.0438	-2.5 to 2.5	Pass
				40	3.85	-30.670	-0.0432	-2.5 to 2.5	Pass
				50	3.85	-31.457	-0.0443	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.911	-0.0111	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
					4.43	9.069	0.0127	-2.5 to 2.5	Pass
				-30	3.85	15.950	0.0224	-2.5 to 2.5	Pass
				-20	3.85	22.817	0.0320	-2.5 to 2.5	Pass
				-10	3.85	28.811	0.0404	-2.5 to 2.5	Pass
				0	3.85	35.262	0.0494	-2.5 to 2.5	Pass
				10	3.85	38.767	0.0543	-2.5 to 2.5	Pass
				30	3.85	40.212	0.0564	-2.5 to 2.5	Pass
				40	3.85	39.182	0.0549	-2.5 to 2.5	Pass
				50	3.85	31.157	0.0437	-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	29.297	0.0413	-2.5 to 2.5	Pass
					3.85	-38.280	-0.0540	-2.5 to 2.5	Pass
					4.43	-30.656	-0.0432	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-18.611	-0.0262	-2.5 to 2.5	Pass
				-10	3.85	-28.882	-0.0407	-2.5 to 2.5	Pass
				0	3.85	-35.934	-0.0507	-2.5 to 2.5	Pass
				10	3.85	-38.881	-0.0548	-2.5 to 2.5	Pass
				30	3.85	-40.712	-0.0574	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0014	-2.5 to 2.5	Pass
				50	3.85	-12.288	-0.0173	-2.5 to 2.5	Pass
	710	50	0	20	3.27	2.532	0.0036	-2.5 to 2.5	Pass
					3.85	-23.618	-0.0333	-2.5 to 2.5	Pass
					4.43	-1.588	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-20.914	-0.0295	-2.5 to 2.5	Pass
				-20	3.85	-34.146	-0.0481	-2.5 to 2.5	Pass
				-10	3.85	-43.302	-0.0610	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-7.367	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-11.315	-0.0159	-2.5 to 2.5	Pass
				40	3.85	-14.162	-0.0199	-2.5 to 2.5	Pass
				50	3.85	-16.794	-0.0237	-2.5 to 2.5	Pass
	711	50	0	20	3.27	2.246	0.0032	-2.5 to 2.5	Pass
					3.85	-31.528	-0.0443	-2.5 to 2.5	Pass
					4.43	-3.133	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-16.093	-0.0226	-2.5 to 2.5	Pass
				-20	3.85	-23.332	-0.0328	-2.5 to 2.5	Pass
				-10	3.85	-32.043	-0.0451	-2.5 to 2.5	Pass
				0	3.85	-34.246	-0.0482	-2.5 to 2.5	Pass
				10	3.85	-37.851	-0.0532	-2.5 to 2.5	Pass
				30	3.85	-39.854	-0.0561	-2.5 to 2.5	Pass
				40	3.85	-44.260	-0.0623	-2.5 to 2.5	Pass
				50	3.85	-49.038	-0.0690	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-17.095	-0.0241	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
					4.43	3.004	0.0042	-2.5 to 2.5	Pass

				-30	3.85	7.710	0.0109	-2.5 to 2.5	Pass
				-20	3.85	13.618	0.0192	-2.5 to 2.5	Pass
				-10	3.85	14.448	0.0204	-2.5 to 2.5	Pass
				0	3.85	12.918	0.0182	-2.5 to 2.5	Pass
				10	3.85	13.690	0.0193	-2.5 to 2.5	Pass
				30	3.85	15.435	0.0218	-2.5 to 2.5	Pass
				40	3.85	20.456	0.0289	-2.5 to 2.5	Pass
				50	3.85	21.715	0.0306	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-13.075	-0.0184	-2.5 to 2.5	Pass
					3.85	1.044	0.0015	-2.5 to 2.5	Pass
					4.43	9.499	0.0134	-2.5 to 2.5	Pass
				-30	3.85	12.259	0.0173	-2.5 to 2.5	Pass
				-20	3.85	13.118	0.0185	-2.5 to 2.5	Pass
				-10	3.85	15.235	0.0215	-2.5 to 2.5	Pass
				0	3.85	22.187	0.0312	-2.5 to 2.5	Pass
				10	3.85	23.646	0.0333	-2.5 to 2.5	Pass
				30	3.85	24.962	0.0352	-2.5 to 2.5	Pass
				40	3.85	24.405	0.0344	-2.5 to 2.5	Pass
				50	3.85	24.905	0.0351	-2.5 to 2.5	Pass
	711	50	0	20	3.27	2.704	0.0038	-2.5 to 2.5	Pass
					3.85	15.264	0.0215	-2.5 to 2.5	Pass
					4.43	24.776	0.0348	-2.5 to 2.5	Pass
				-30	3.85	33.588	0.0472	-2.5 to 2.5	Pass
				-20	3.85	39.768	0.0559	-2.5 to 2.5	Pass
				-10	3.85	40.326	0.0567	-2.5 to 2.5	Pass
				0	3.85	42.400	0.0596	-2.5 to 2.5	Pass
				10	3.85	42.686	0.0600	-2.5 to 2.5	Pass
				30	3.85	46.663	0.0656	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				50	3.85	2.732	0.0038	-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

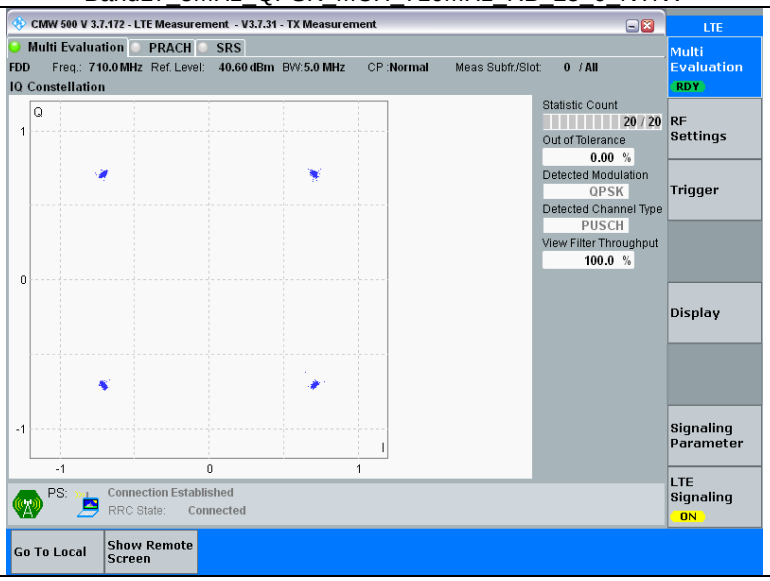
3.1.2 B17_10MHz

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

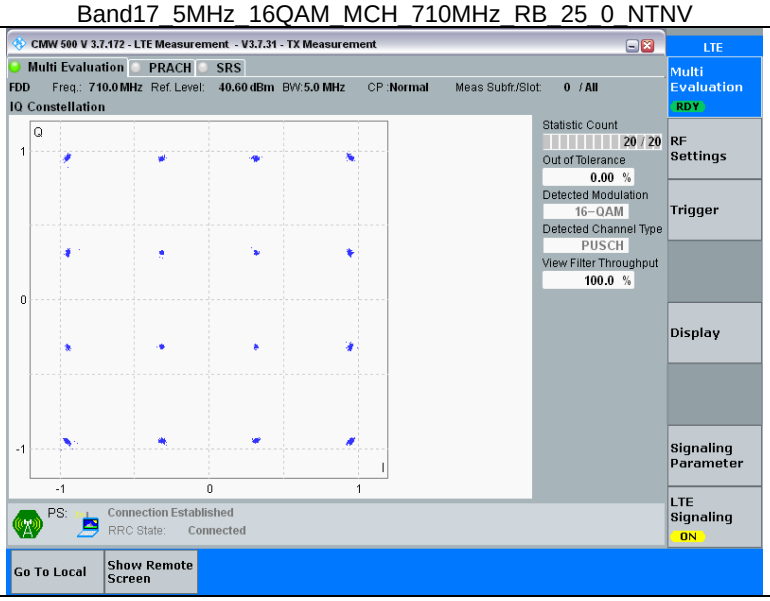
3.2 Test Graph

3.2.1 B17_5MHz

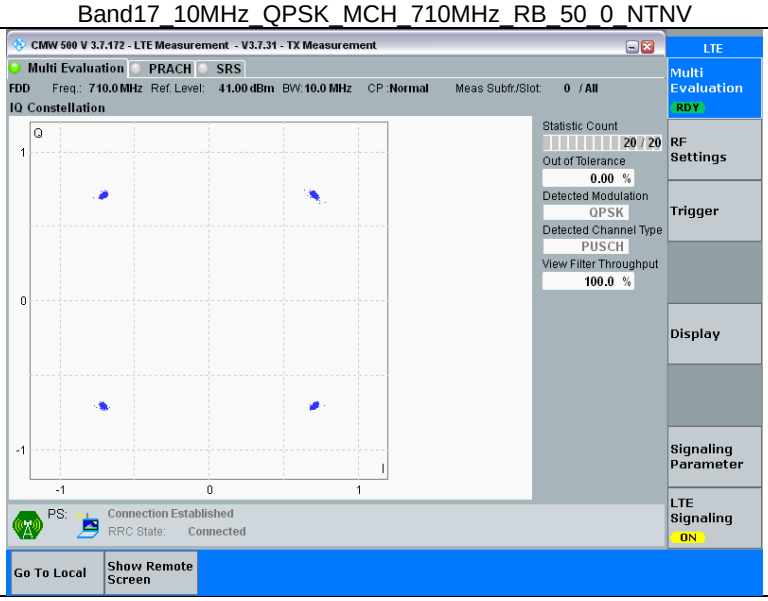
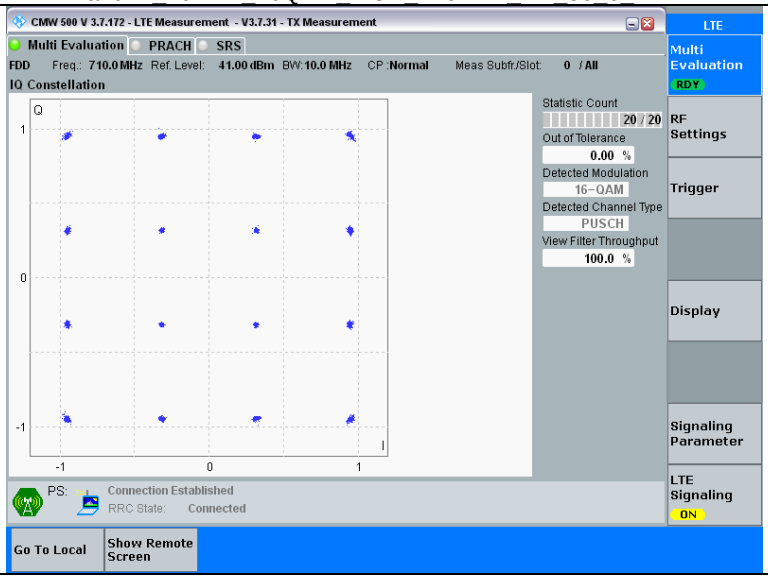
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



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	4.546	/	Pass
		710	25	0	4.548	/	Pass
		713.5	25	0	4.579	/	Pass
	16QAM	706.5	25	0	4.549	/	Pass
		710	25	0	4.548	/	Pass
		713.5	25	0	4.558	/	Pass
10	QPSK	709	50	0	9.063	/	Pass
		710	50	0	9.093	/	Pass
		711	50	0	9.052	/	Pass
	16QAM	709	50	0	9.083	/	Pass
		710	50	0	9.069	/	Pass
		711	50	0	9.041	/	Pass

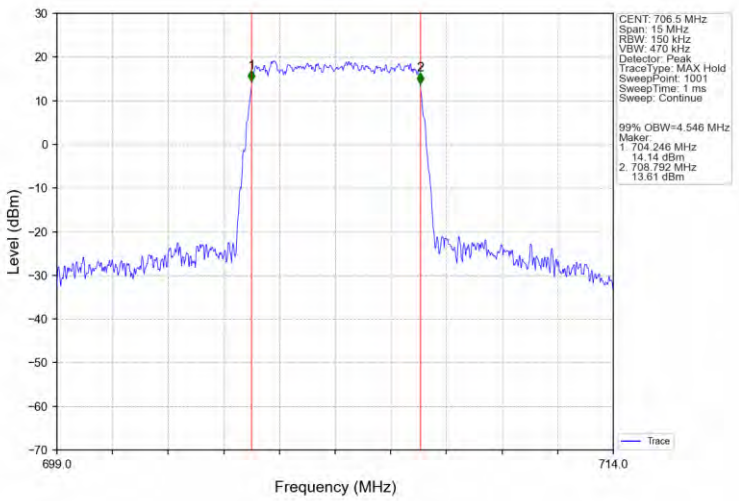
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.061	/	Pass
		710	25	0	5.051	/	Pass
		713.5	25	0	5.059	/	Pass
	16QAM	706.5	25	0	5.065	/	Pass
		710	25	0	5.077	/	Pass
		713.5	25	0	5.073	/	Pass
10	QPSK	709	50	0	9.985	/	Pass
		710	50	0	10.068	/	Pass
		711	50	0	10.009	/	Pass
	16QAM	709	50	0	10.029	/	Pass
		710	50	0	10.009	/	Pass
		711	50	0	10.003	/	Pass

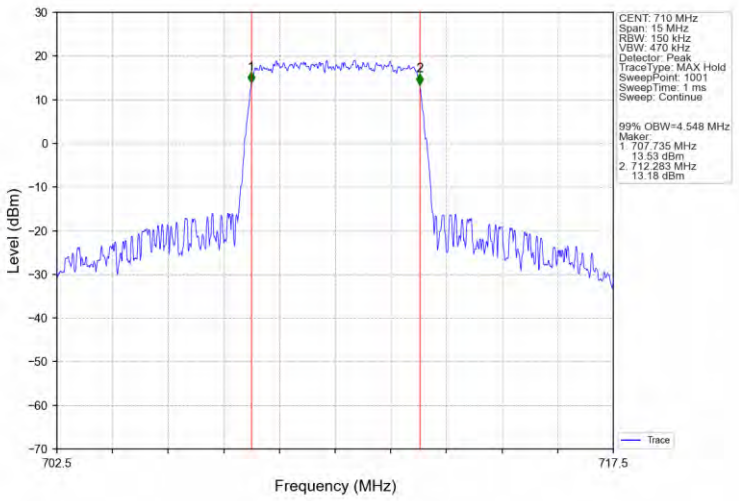
4.2 Test Graph

4.2.1 Band17_OBW

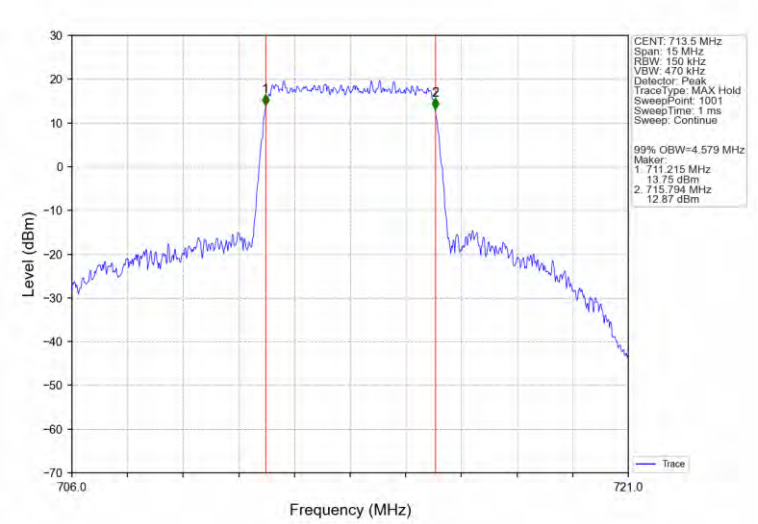
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



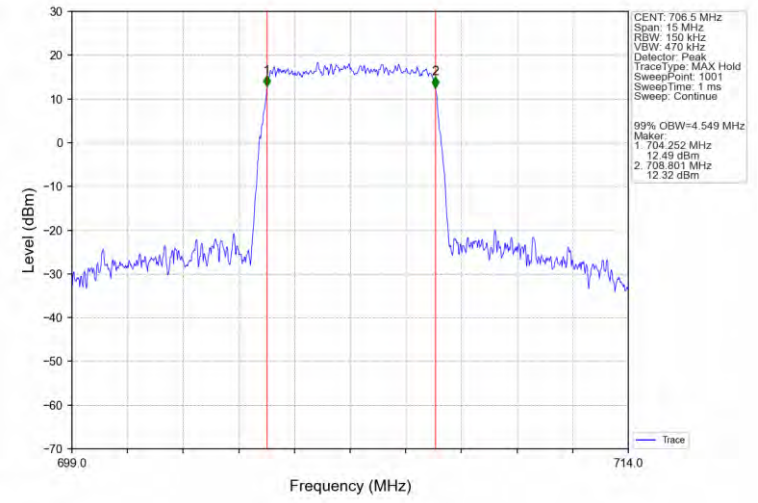
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



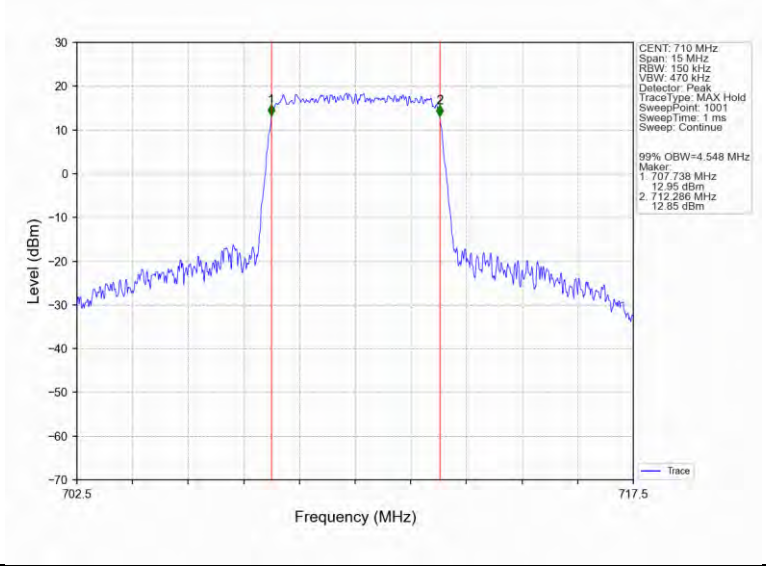
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



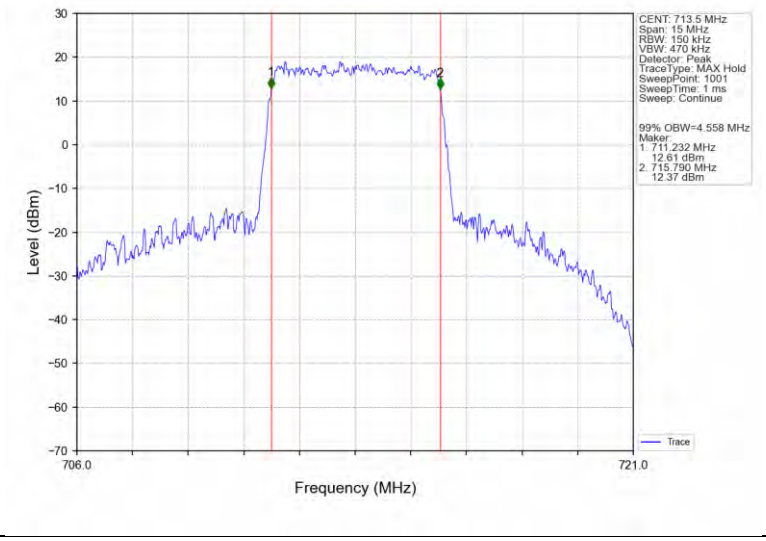
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



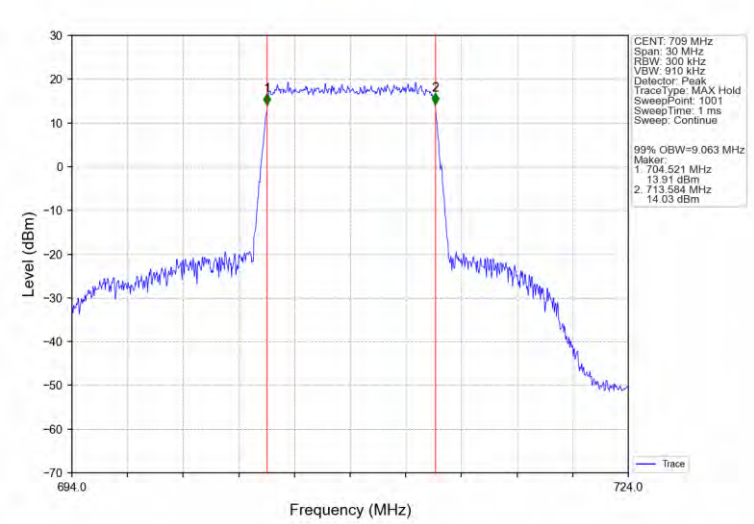
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



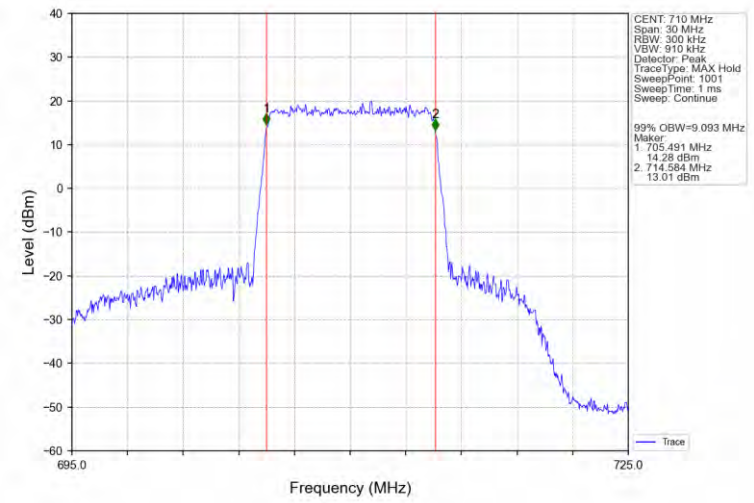
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



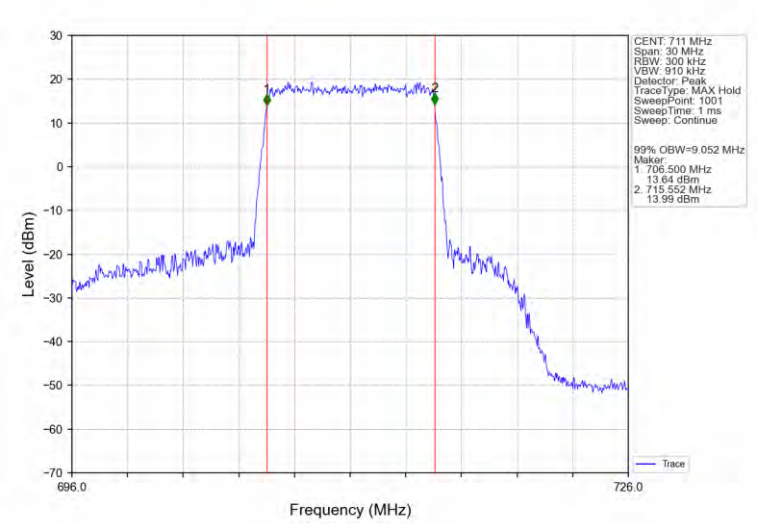
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



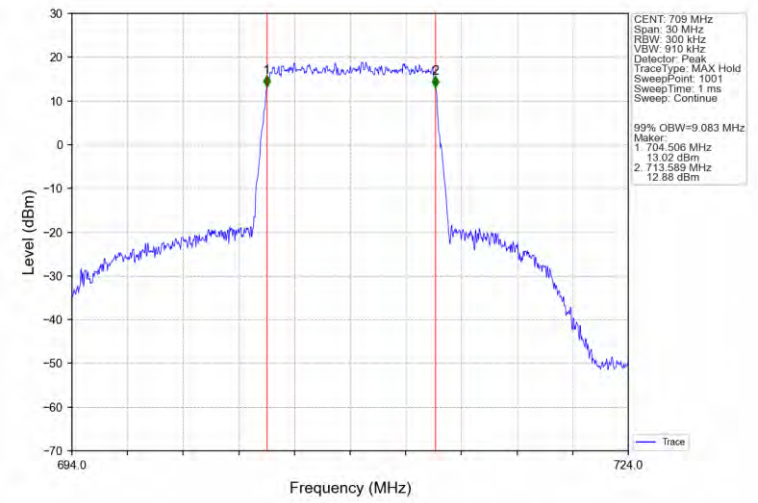
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



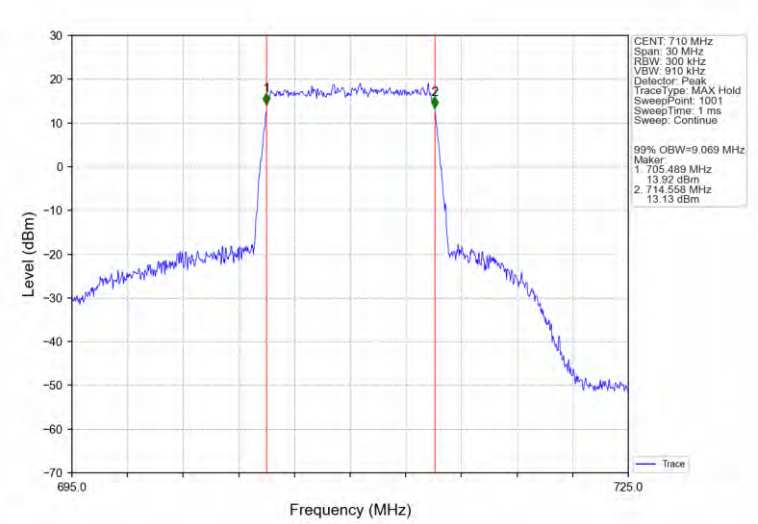
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



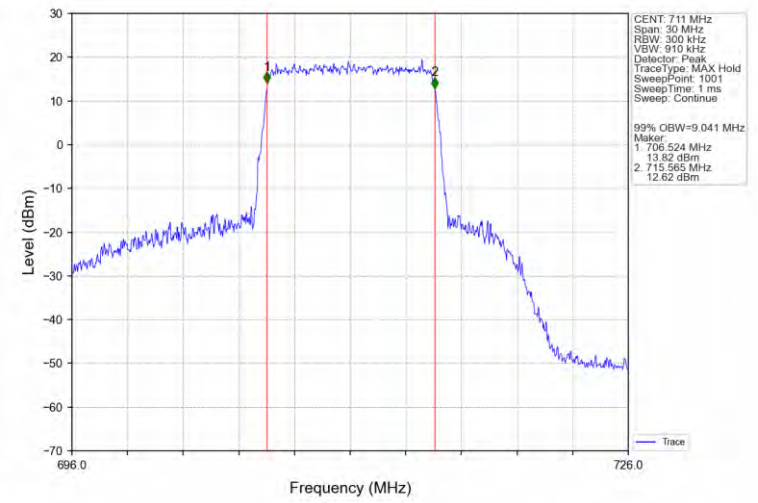
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

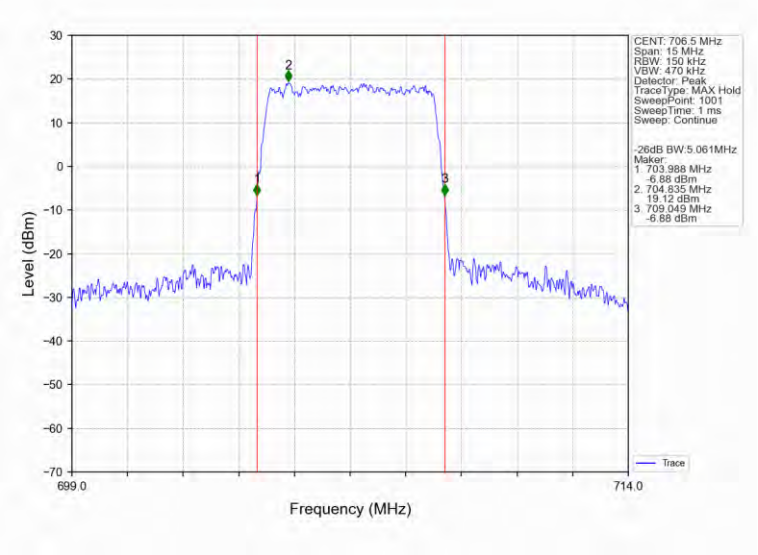


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

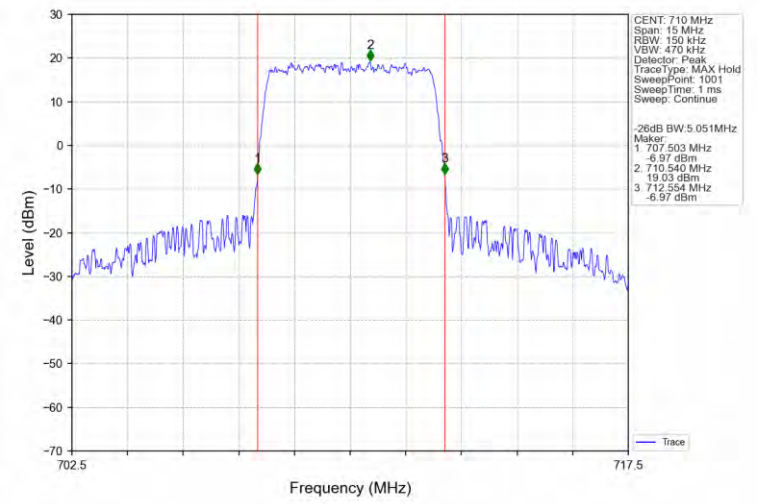


4.2.2 Band17_XDB

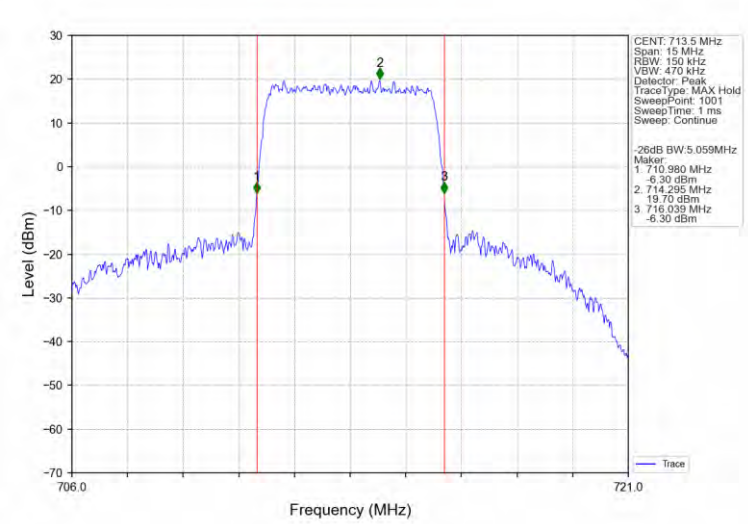
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



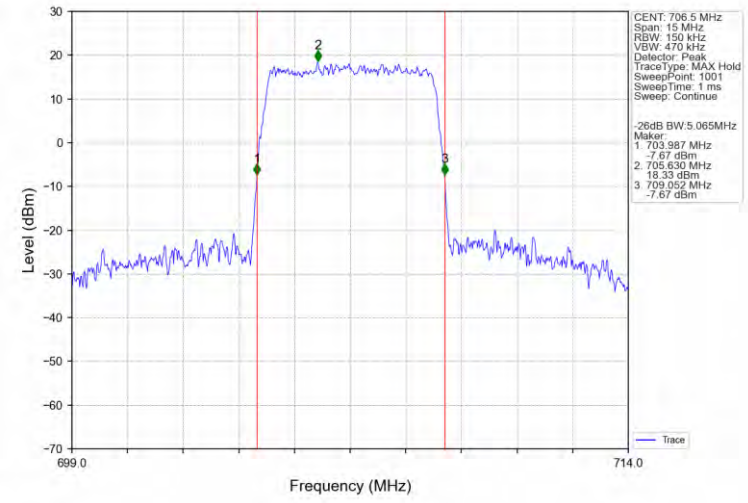
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



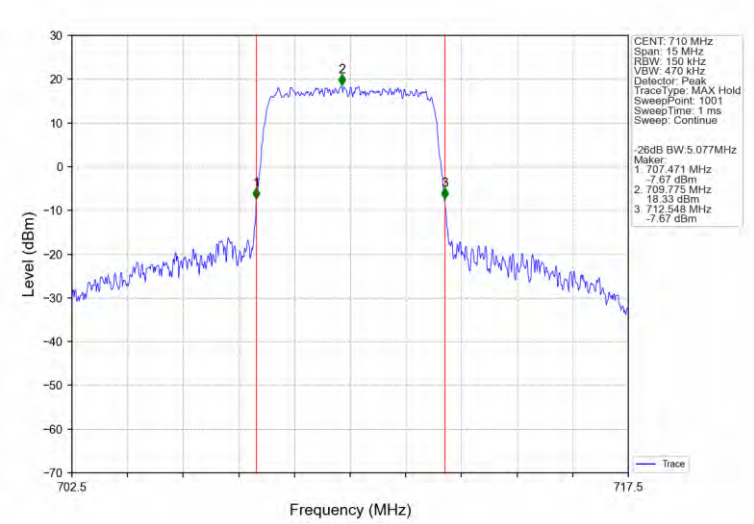
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



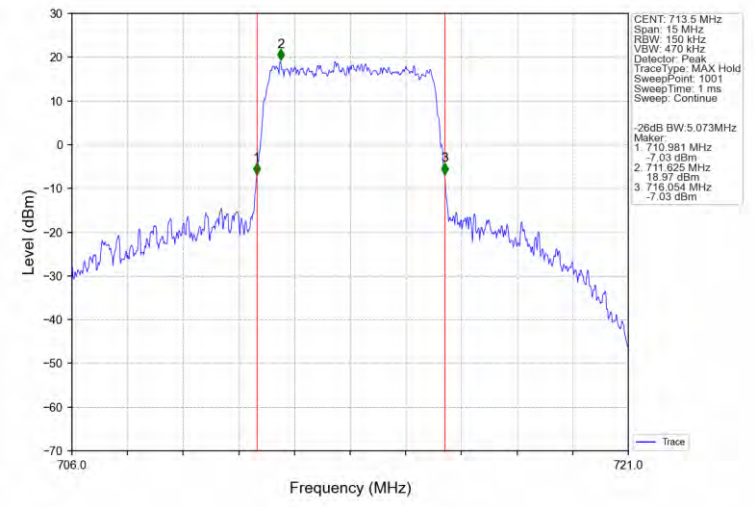
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



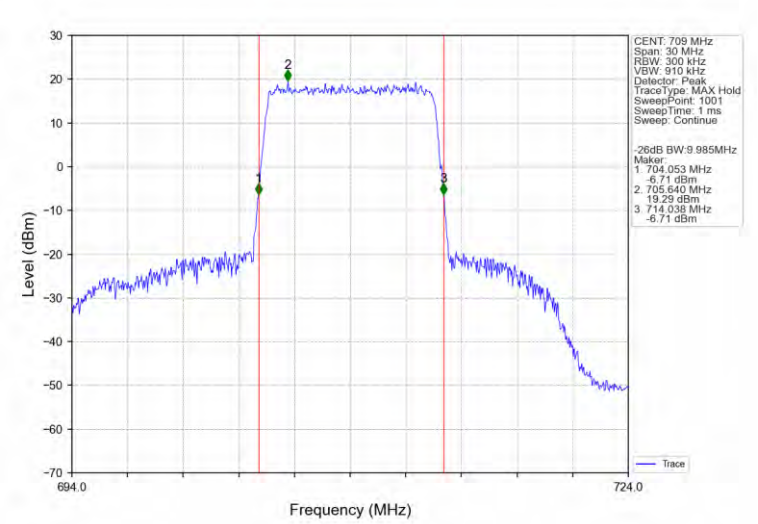
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



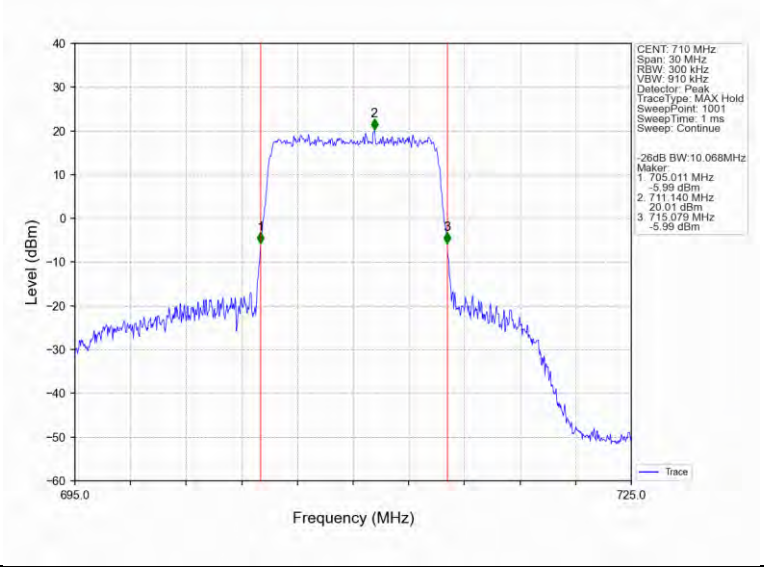
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



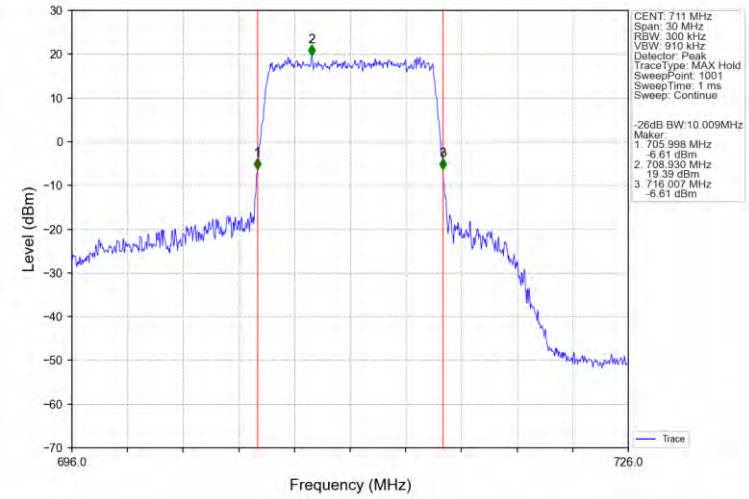
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



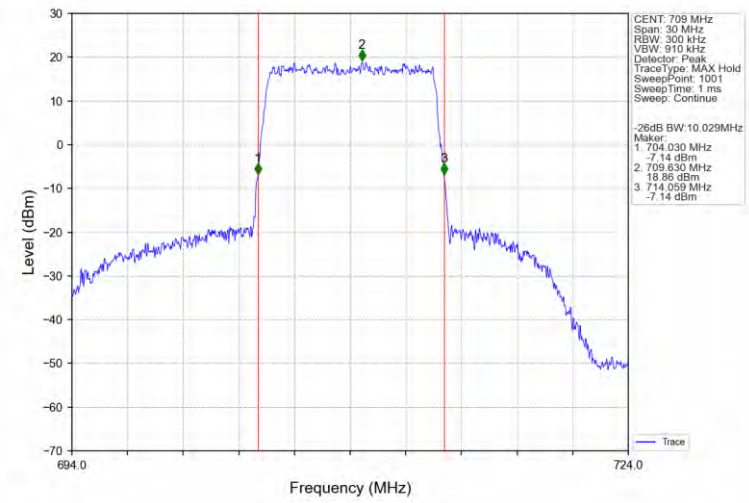
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



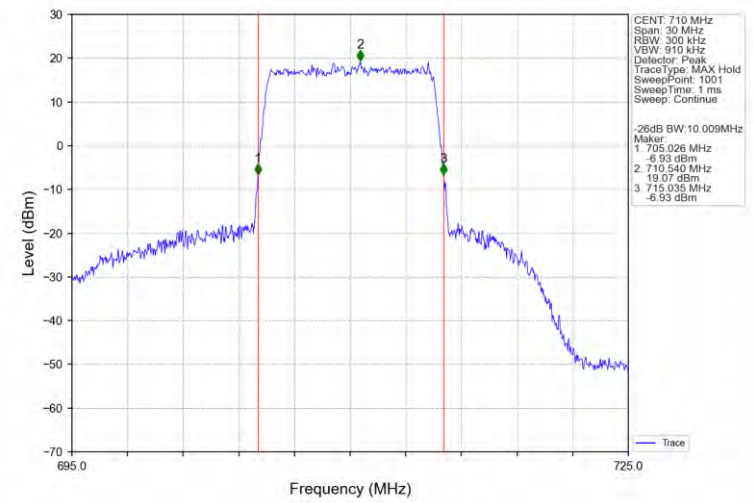
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



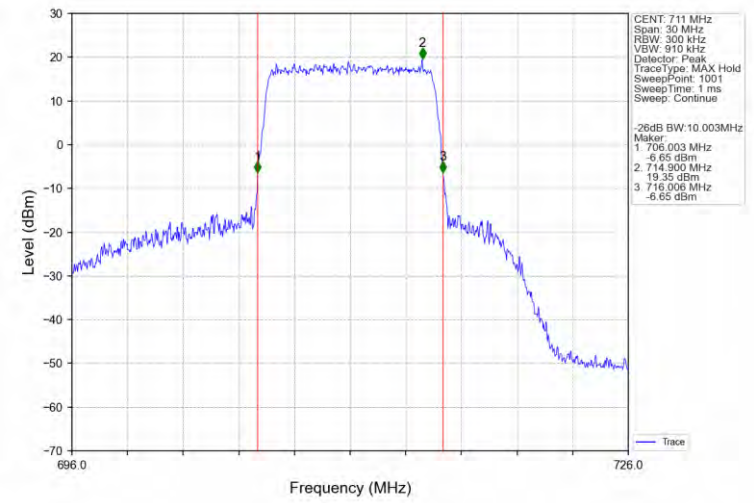
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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	5.54	<=13	Pass
	710	25	0	5.57	<=13	Pass
	713.5	25	0	5.32	<=13	Pass
16QAM	706.5	25	0	6.36	<=13	Pass
	710	25	0	6.26	<=13	Pass
	713.5	25	0	6.07	<=13	Pass

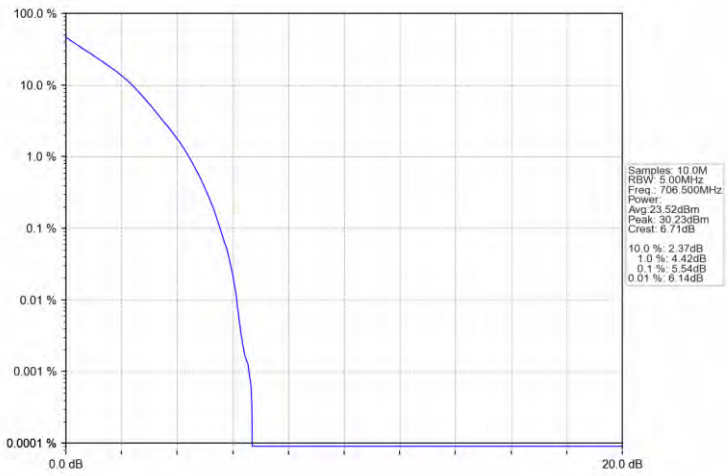
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.57	<=13	Pass
	710	50	0	5.53	<=13	Pass
	711	50	0	5.28	<=13	Pass
16QAM	709	50	0	6.24	<=13	Pass
	710	50	0	6.22	<=13	Pass
	711	50	0	6.15	<=13	Pass

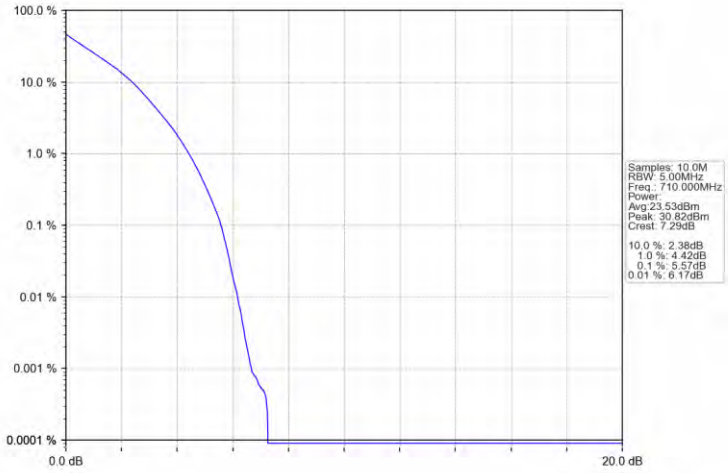
5.2 Test Graph

5.2.1 B17_5MHz

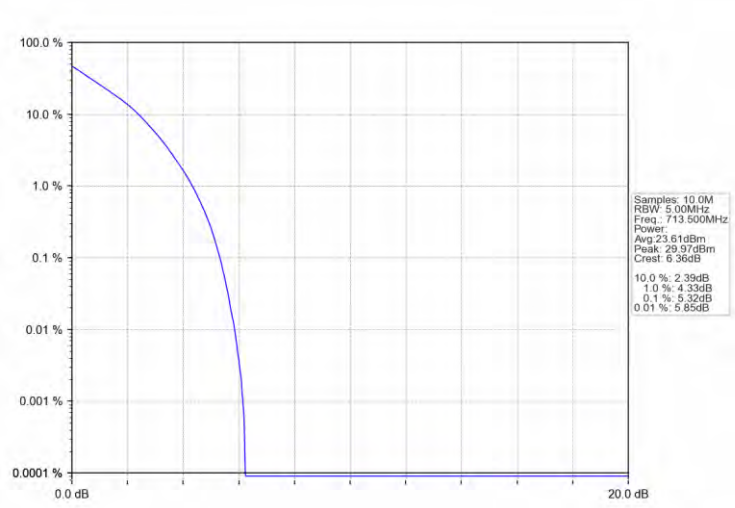
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



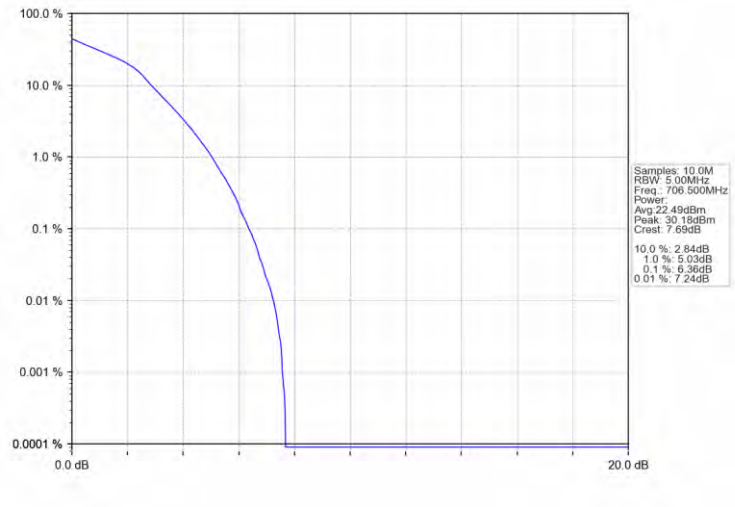
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



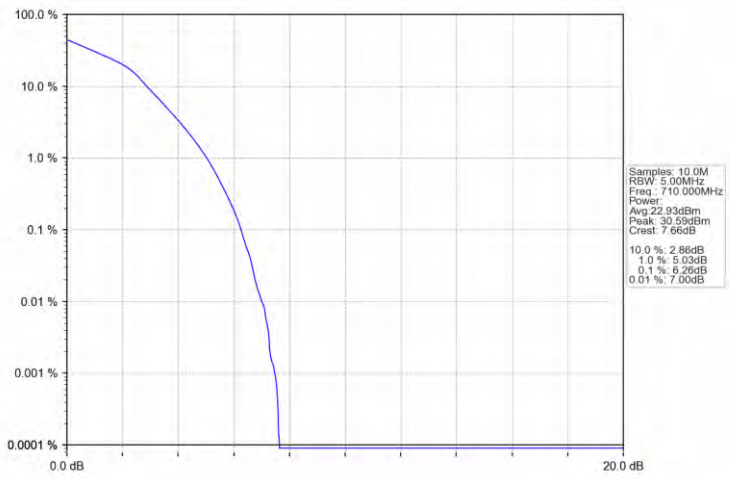
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



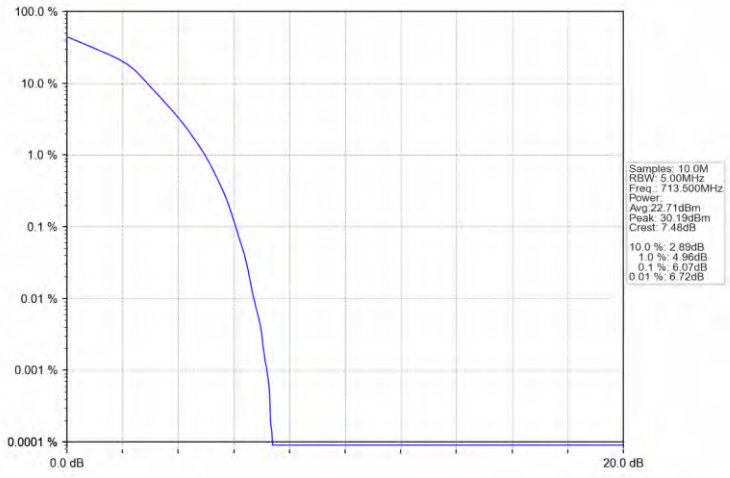
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



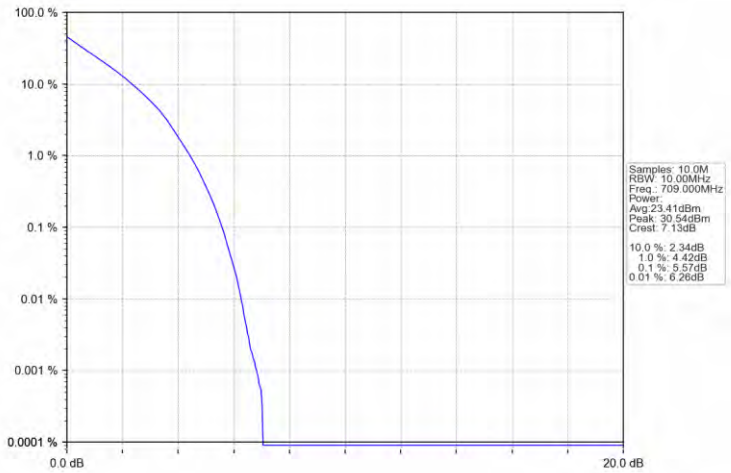
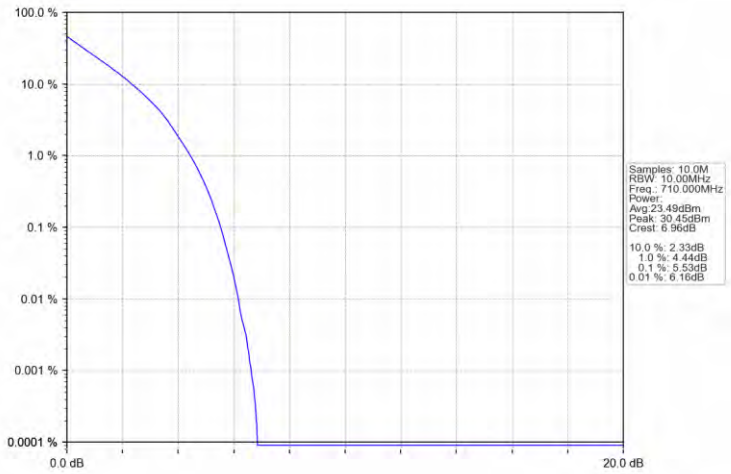
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



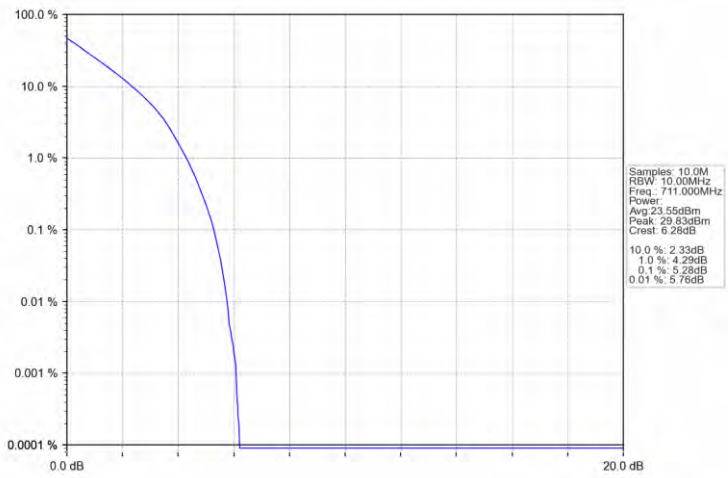
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



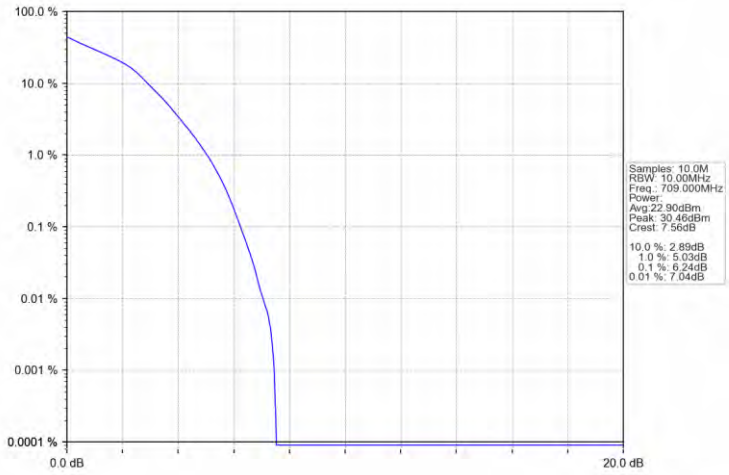
5.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


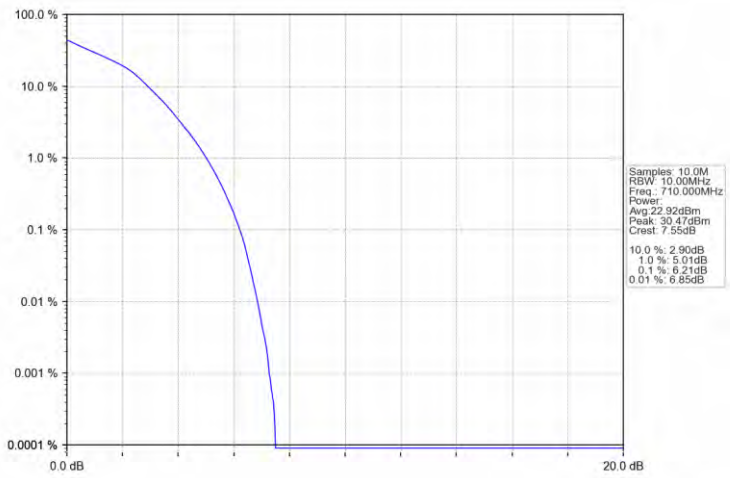
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



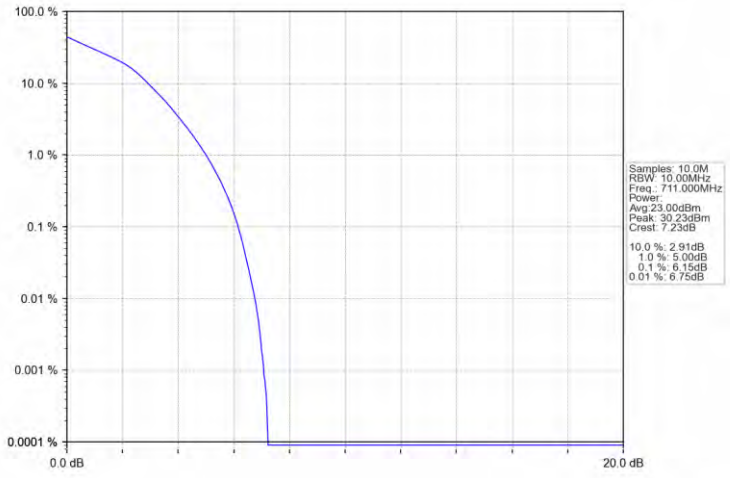
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

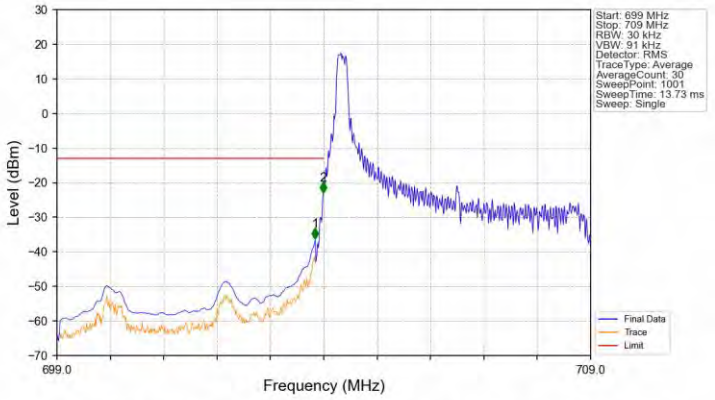
6.1.2 B17_10MHz

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

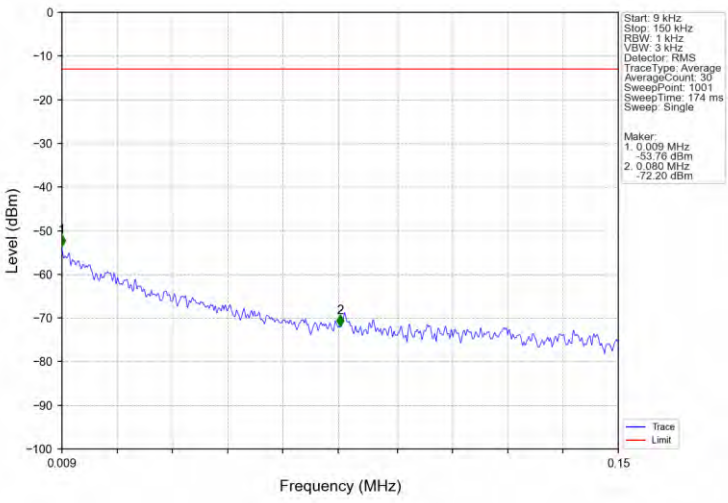
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

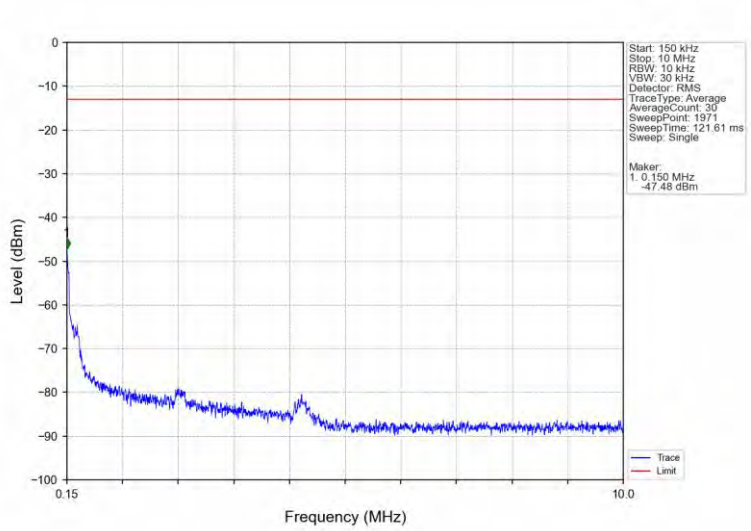


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-36.33	-13	Pass
703.9	704	0.03	/	2	703.990	-22.95	-13	Pass
704	709	0.03	/	/	/	/	/	/

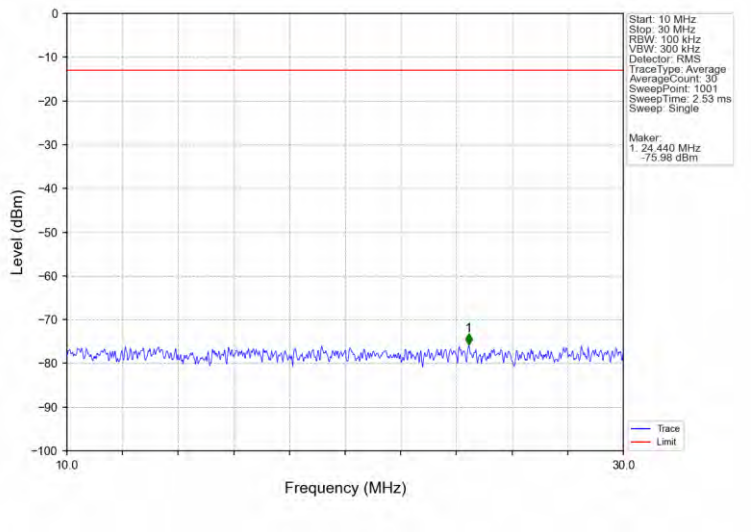
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



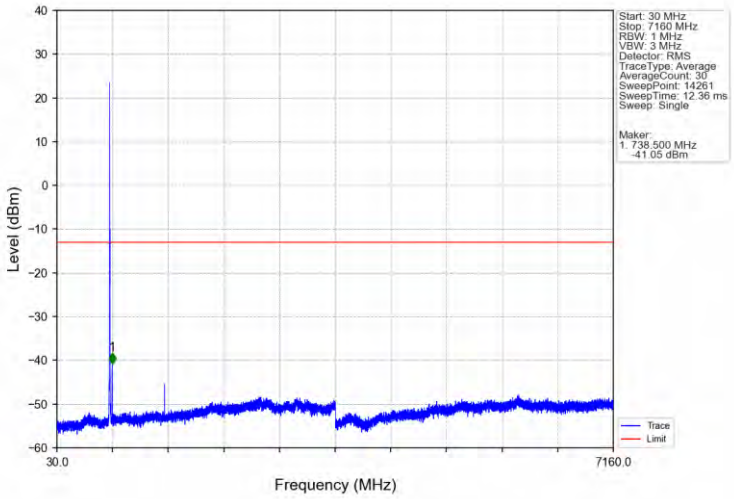
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



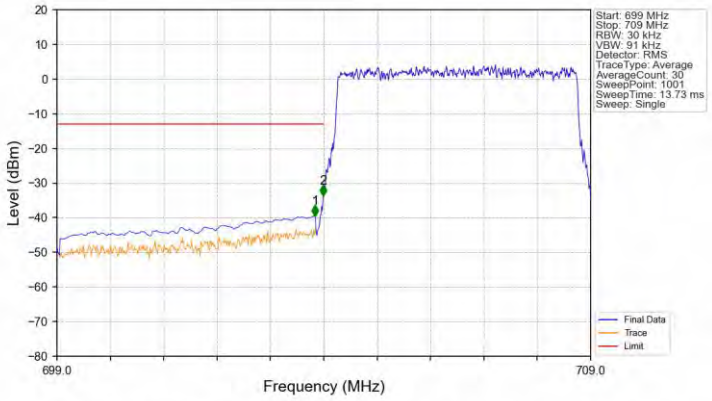
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

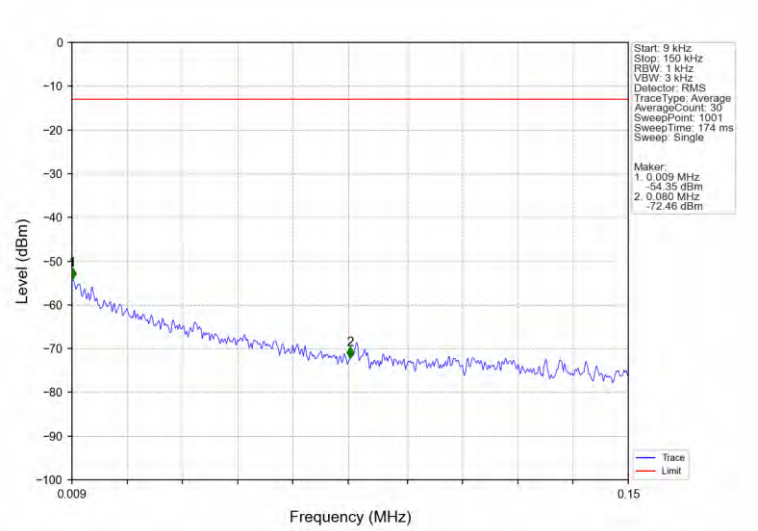


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

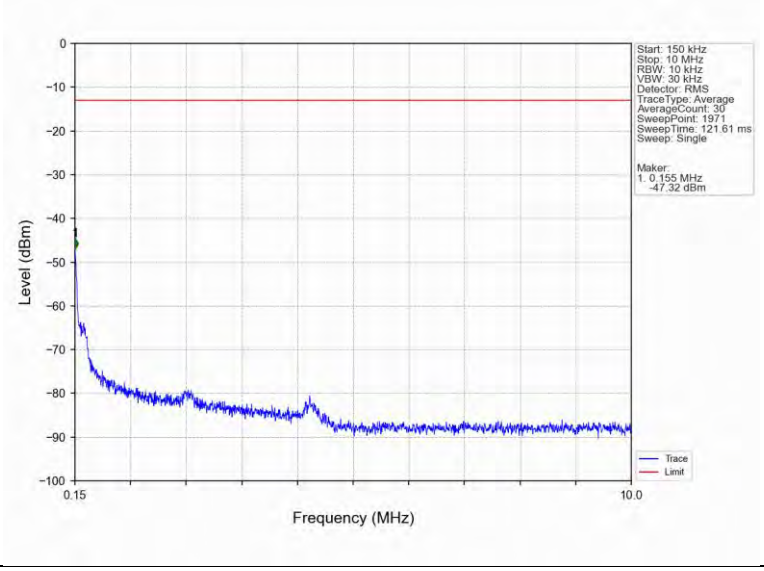


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-39.44	-13	Pass
703.9	704	0.03	/	2	703.990	-33.61	-13	Pass
704	709	0.03	/	/	/	/	/	/

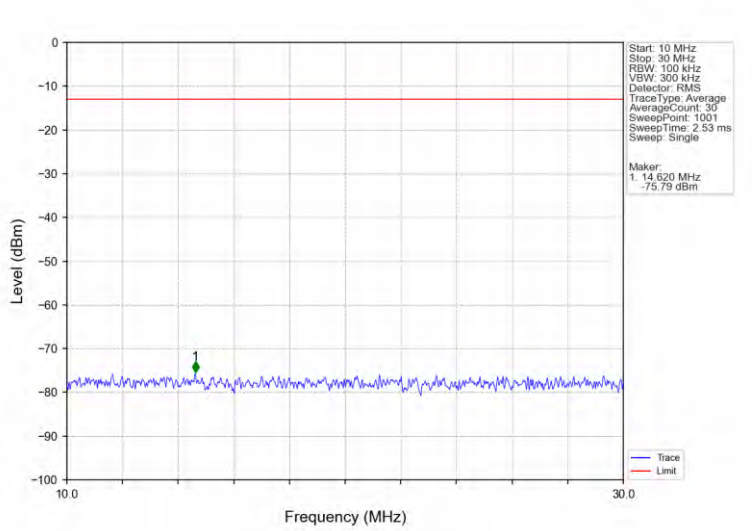
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



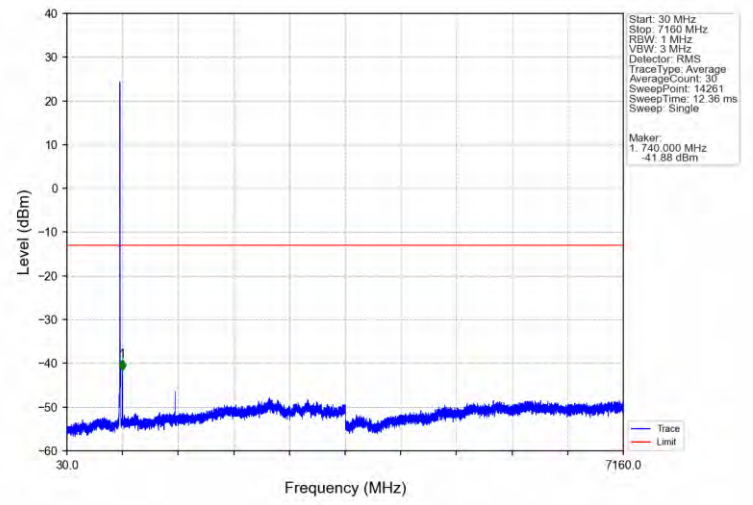
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



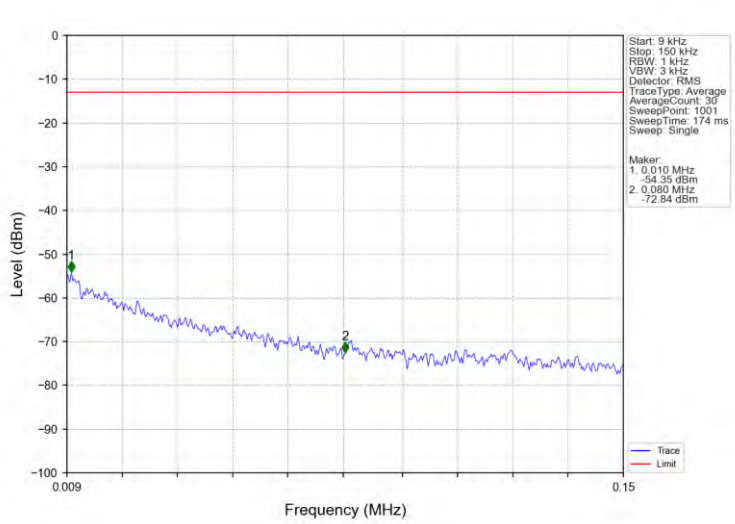
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



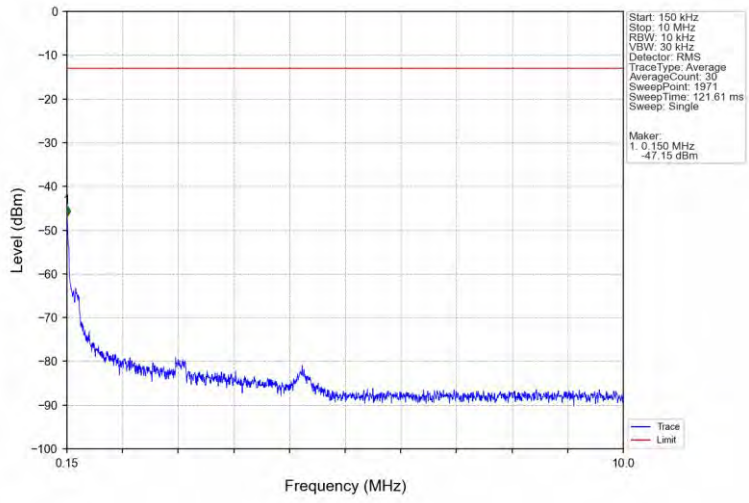
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



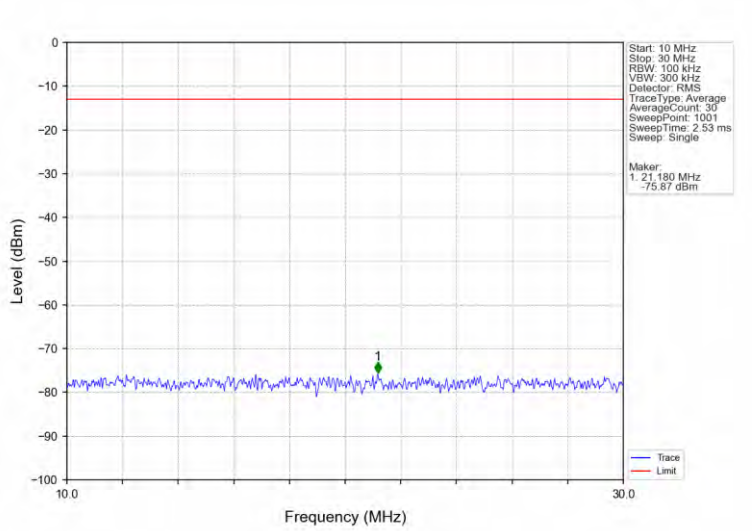
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



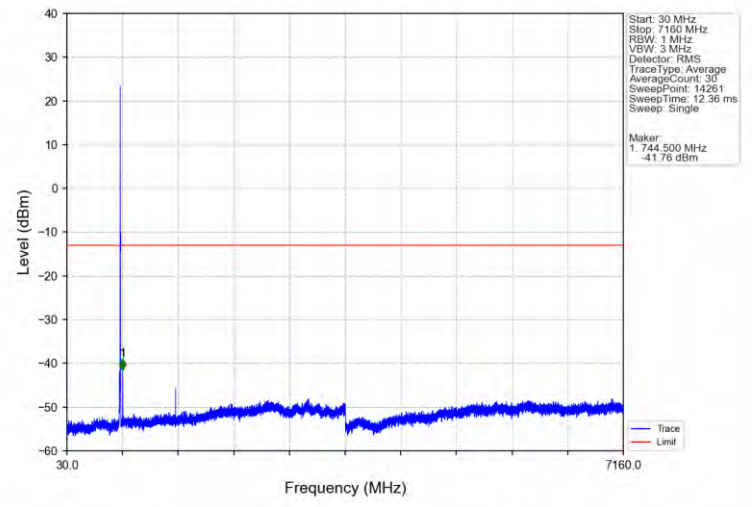
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



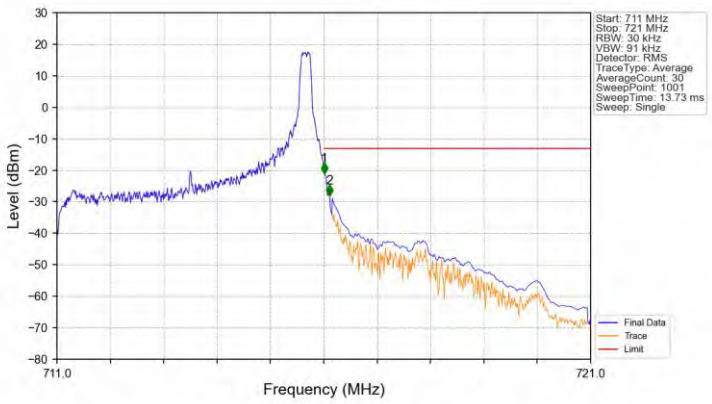
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

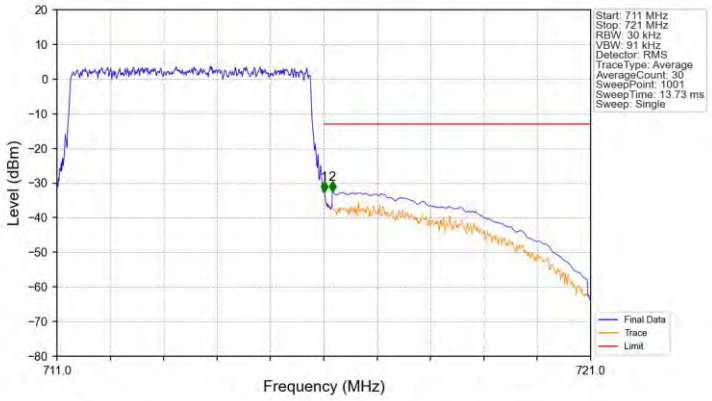


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



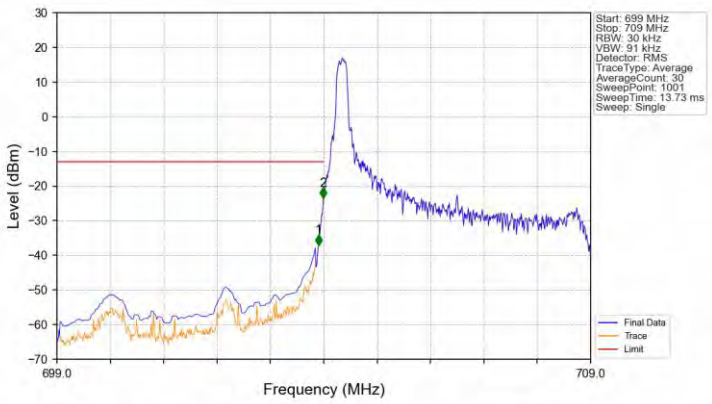
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-21.11	-13	Pass
716.1	721	0.1	CHP	2	716.110	-28.06	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



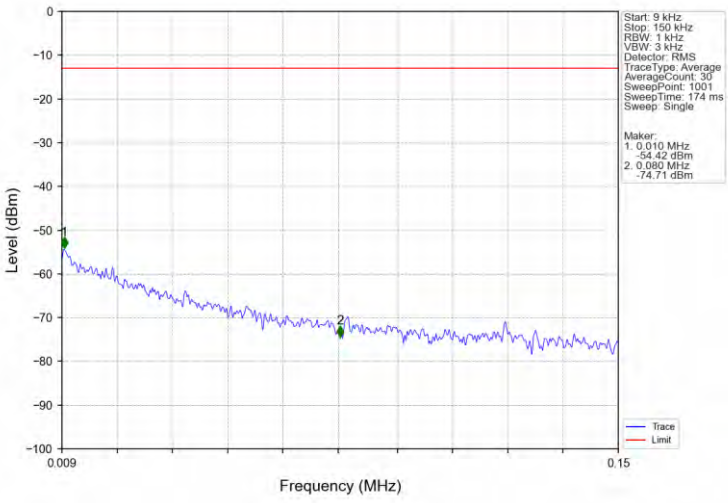
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-32.61	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.61	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

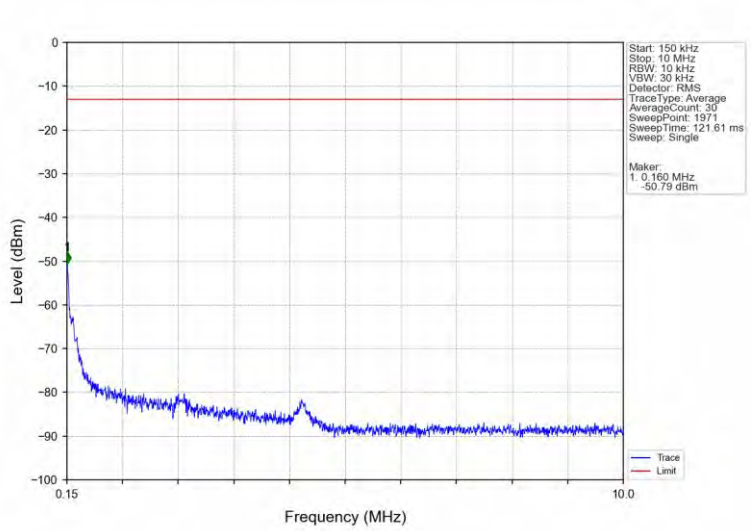


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-37.07	-13	Pass
703.9	704	0.03	/	2	703.990	-23.44	-13	Pass
704	709	0.03	/	/	/	/	/	/

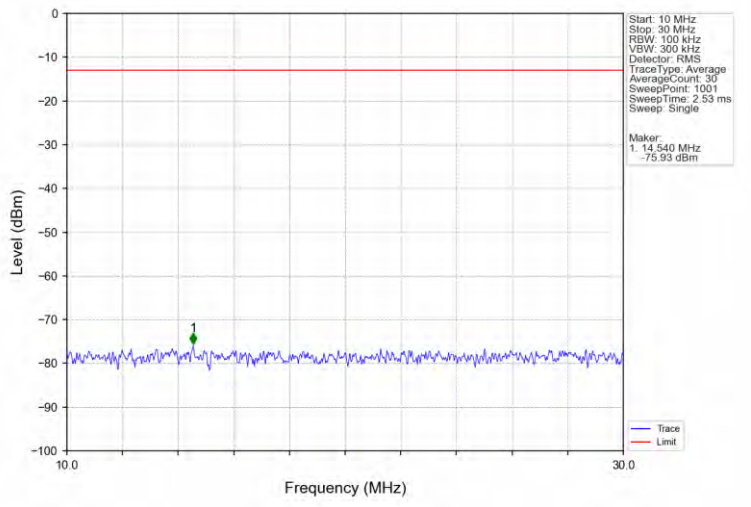
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



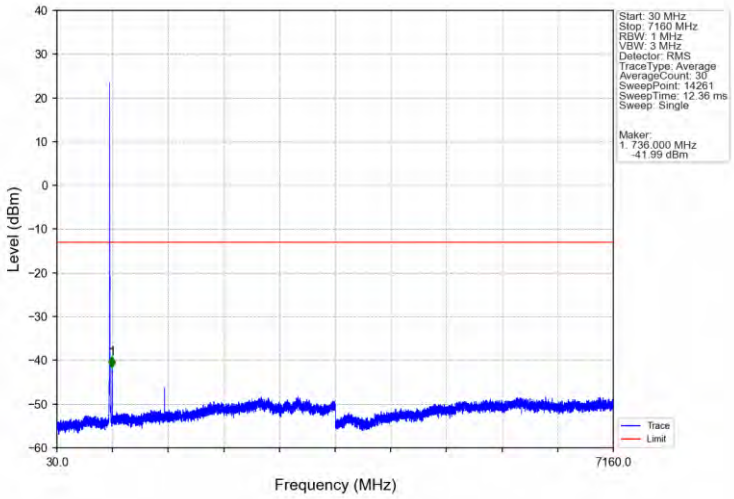
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



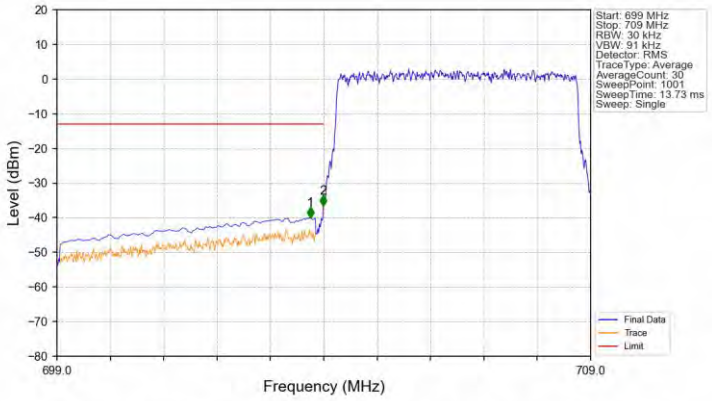
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

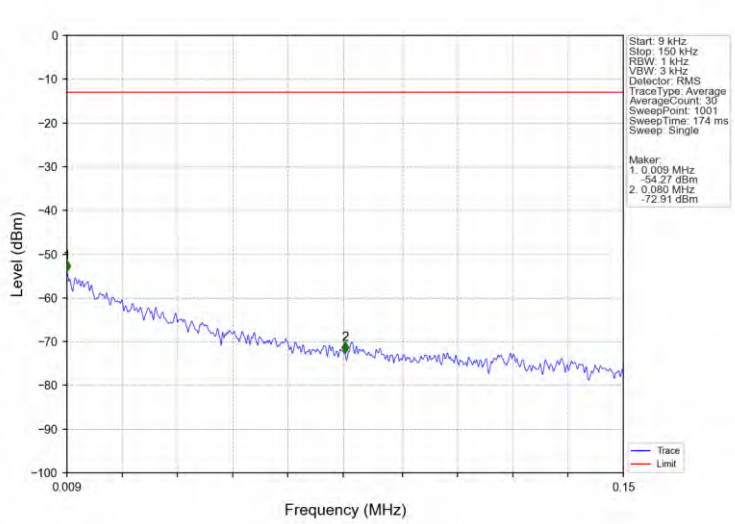


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

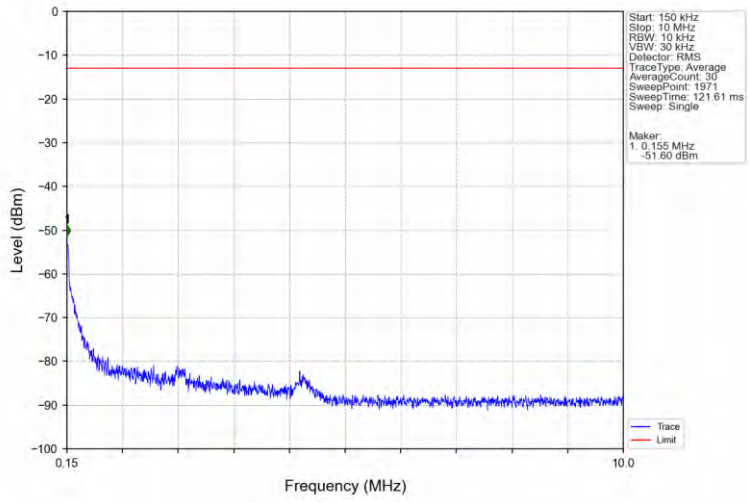


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.750	-40.06	-13	Pass
703.9	704	0.03	/	2	703.990	-36.68	-13	Pass
704	709	0.03	/	/	/	/	/	/

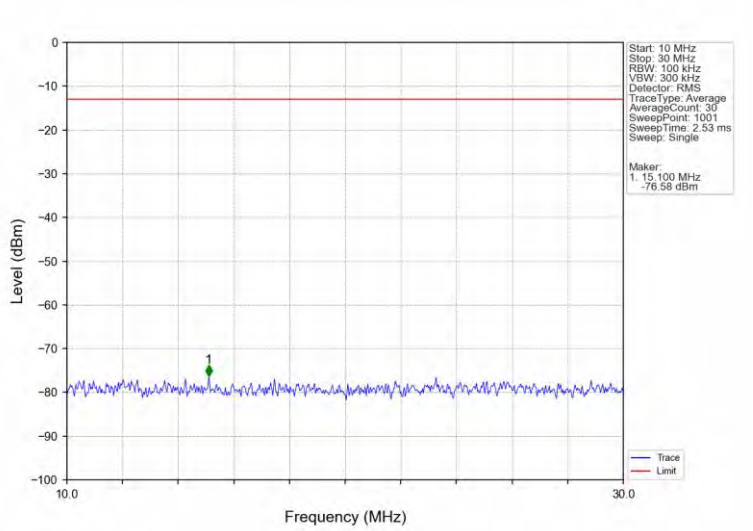
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



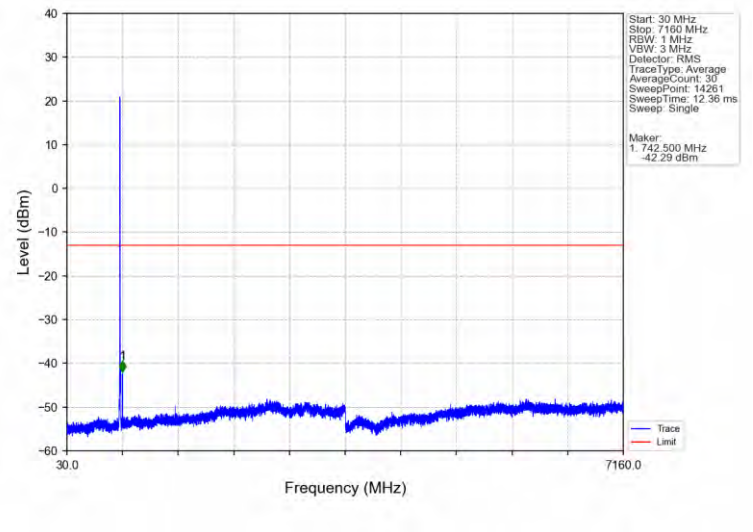
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



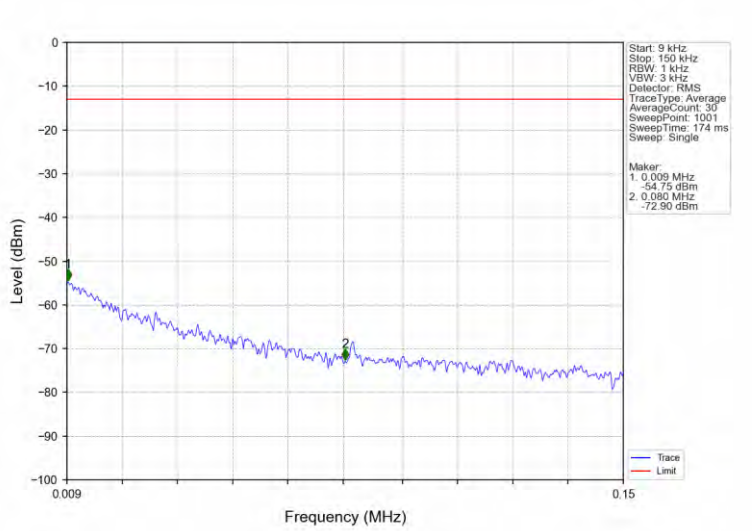
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



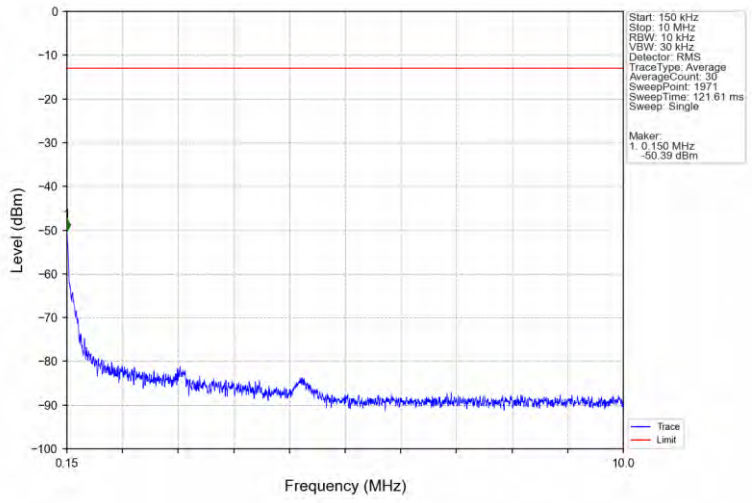
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



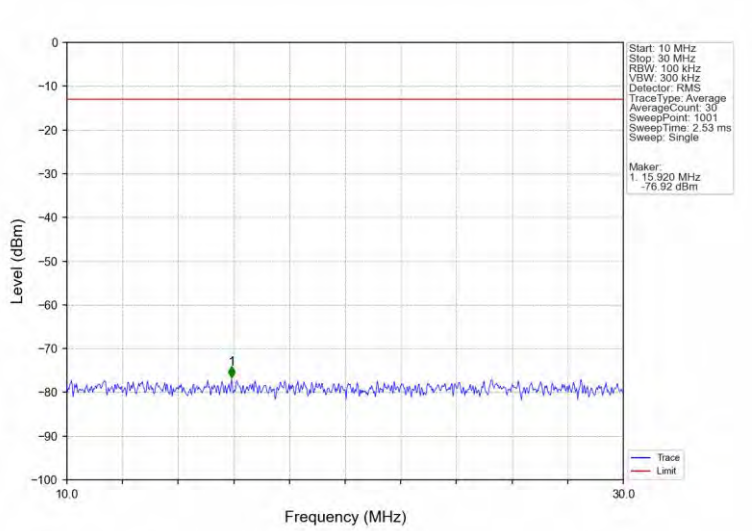
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



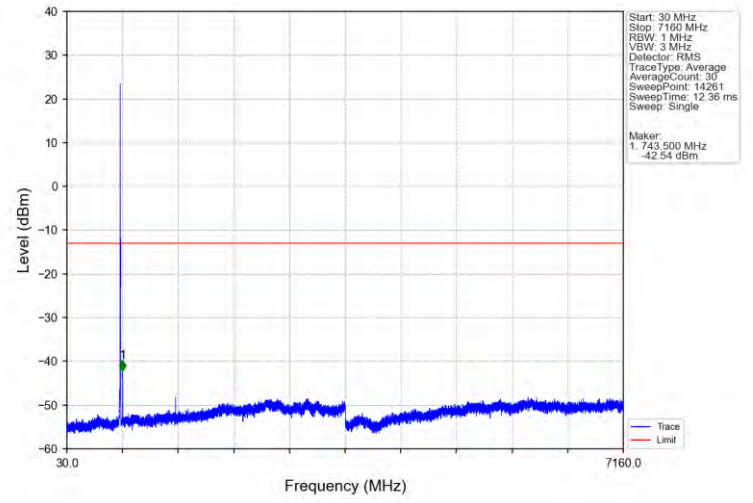
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



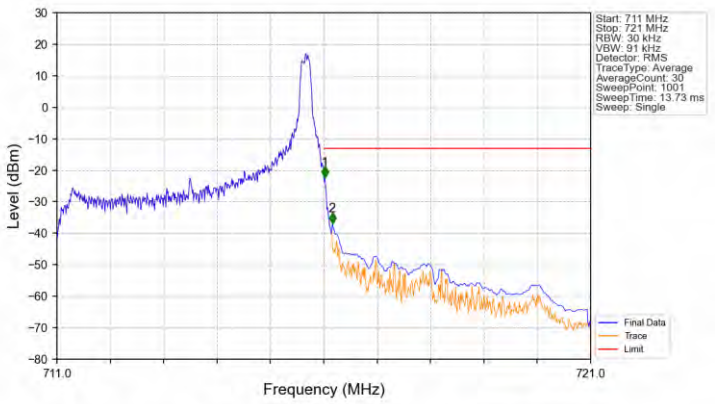
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

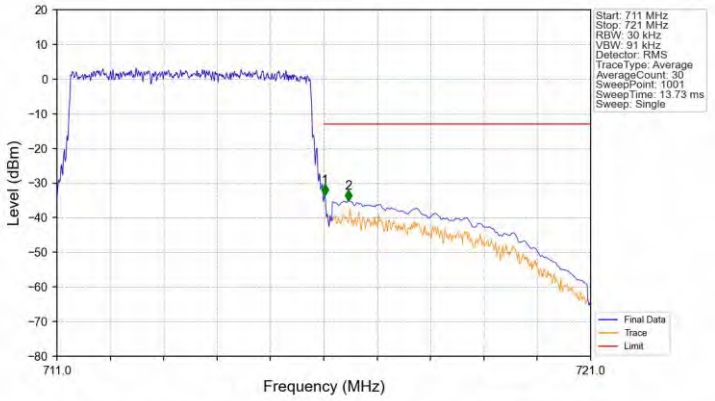


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-22.33	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.79	-13	Pass

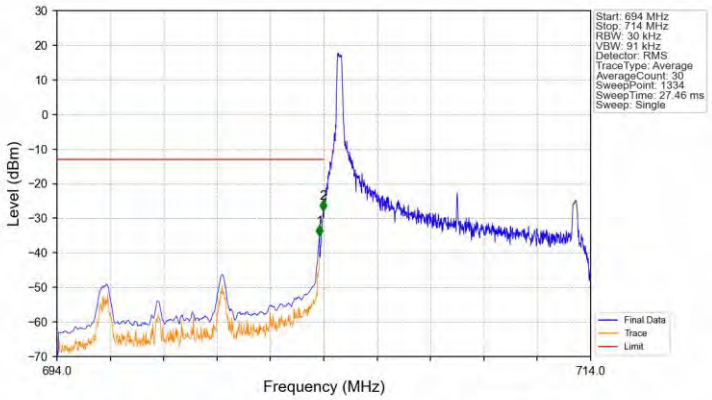
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	-33.41	-13	Pass
716.1	721	0.1	CHP	2	716.460	-35.09	-13	Pass

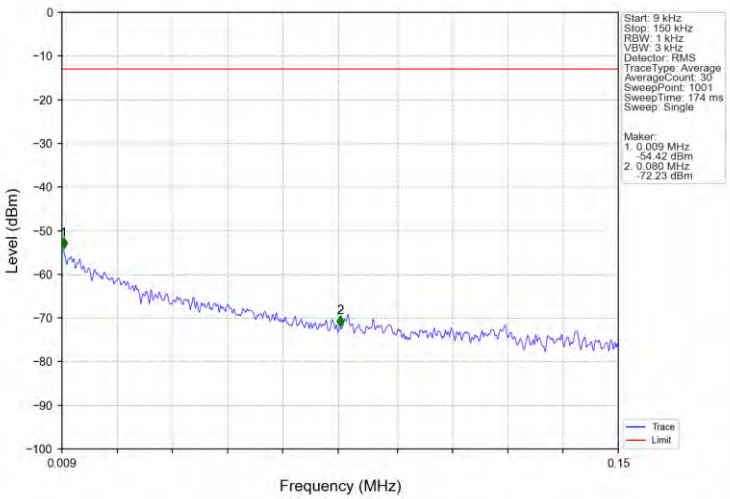
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

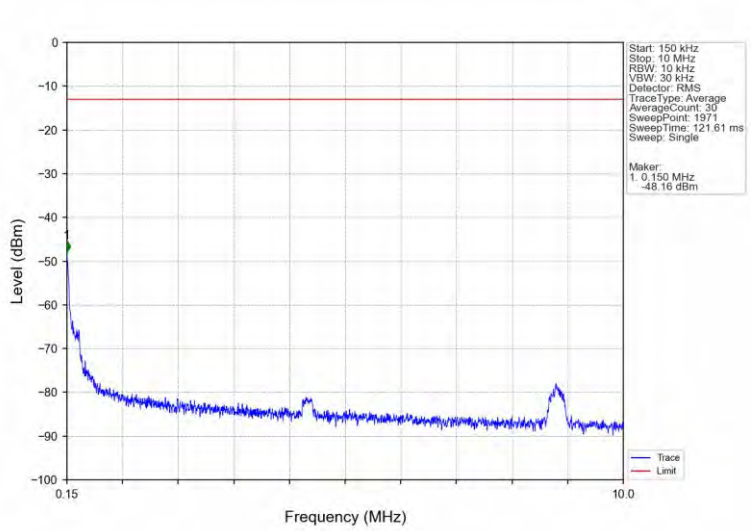


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-35.13	-13	Pass
703.9	704	0.03	/	2	703.977	-27.80	-13	Pass
704	714	0.03	/	/	/	/	/	/

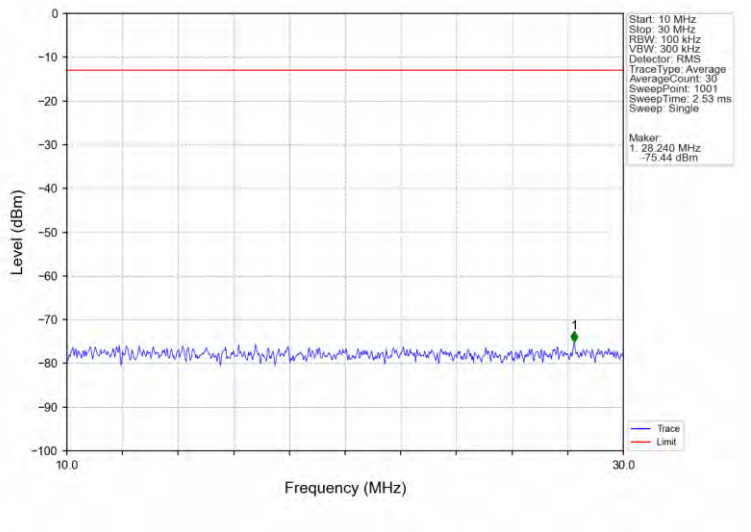
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



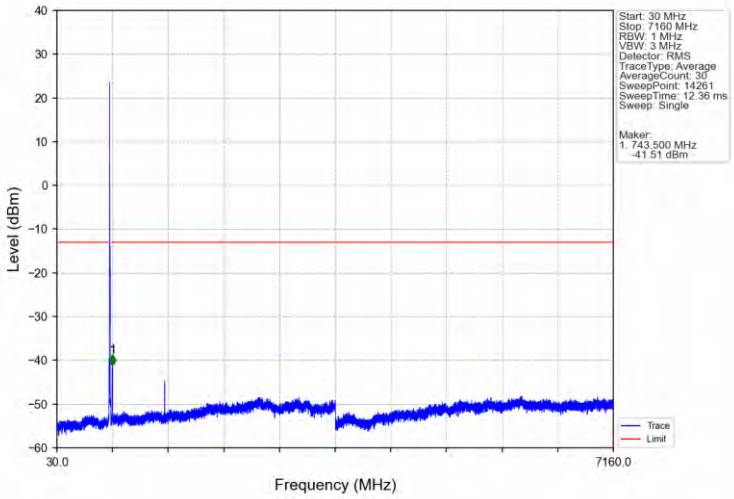
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



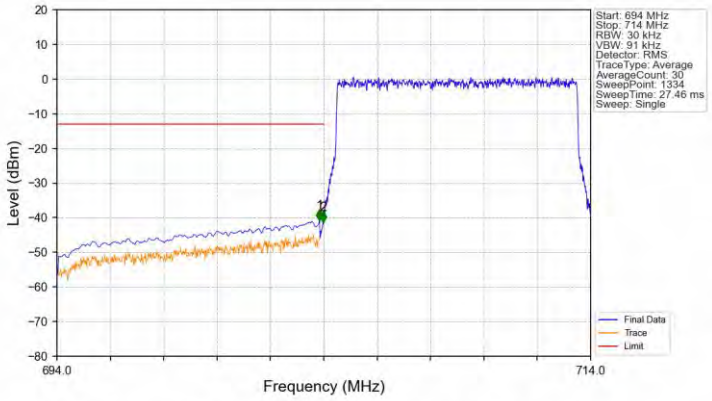
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

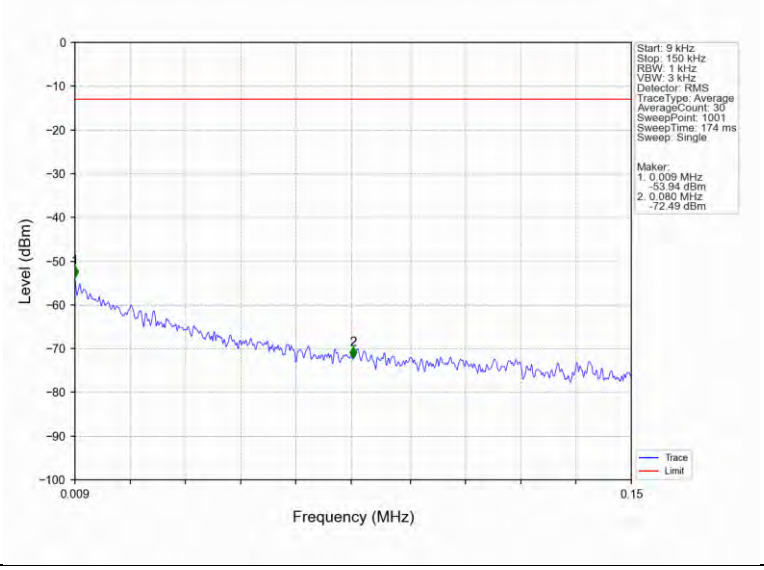


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

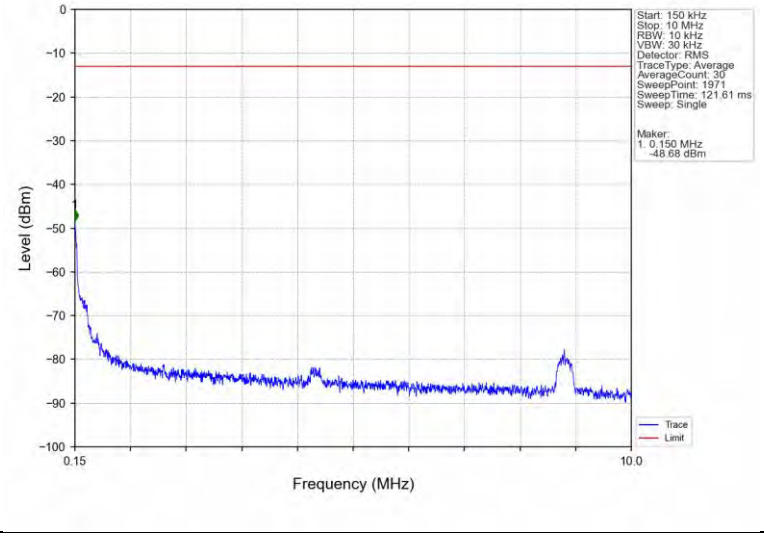


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.81	-13	Pass
703.9	704	0.03	/	2	703.977	-41.40	-13	Pass
704	714	0.03	/	/	/	/	/	/

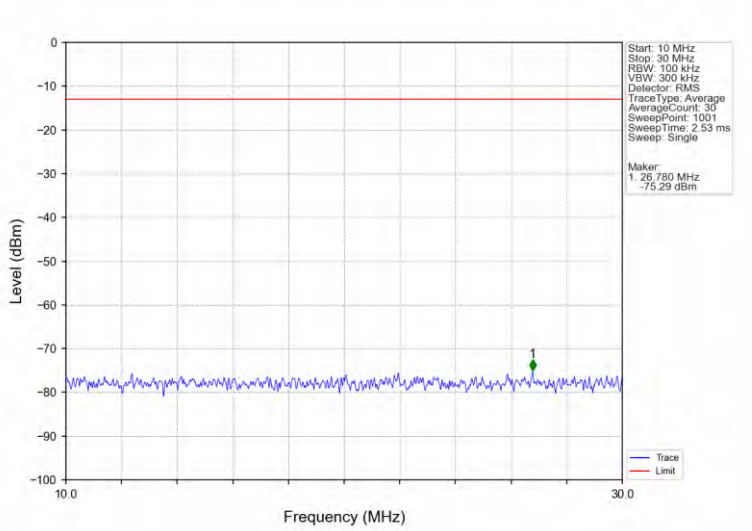
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



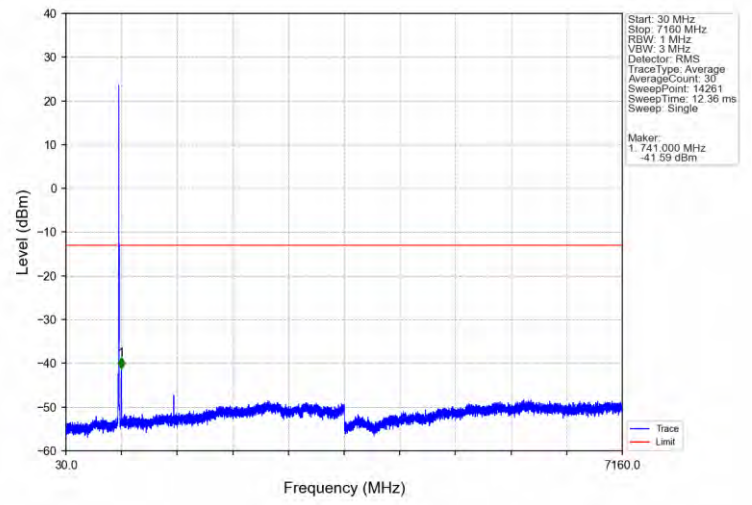
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



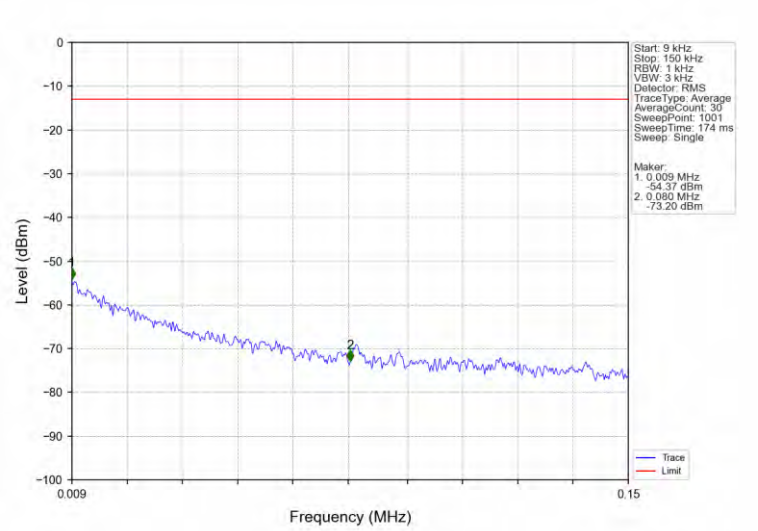
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



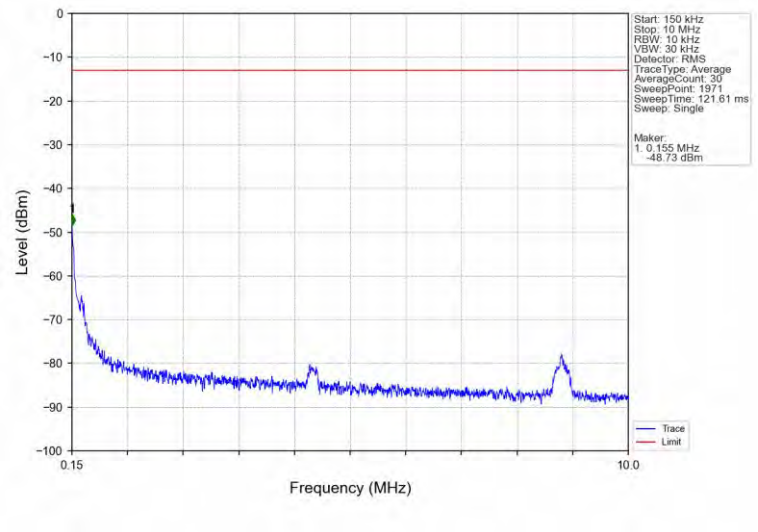
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



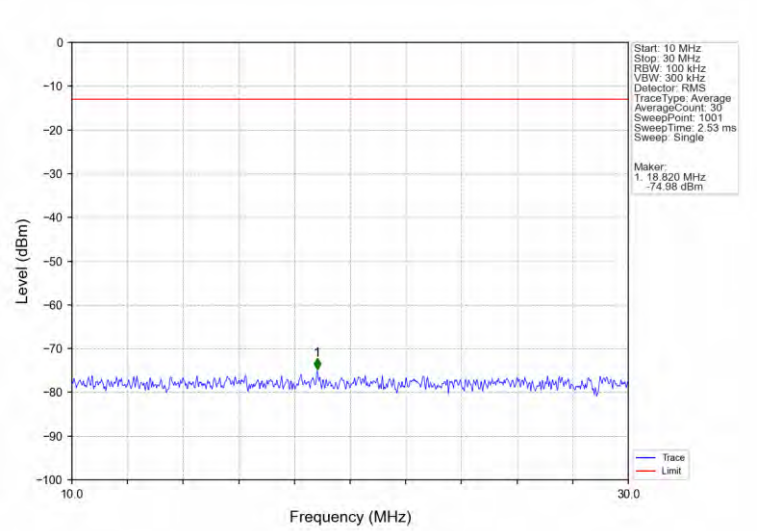
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



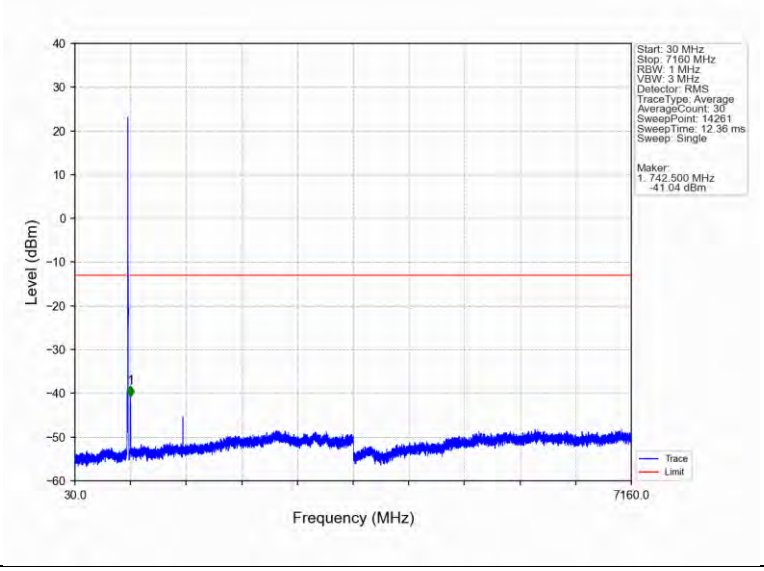
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



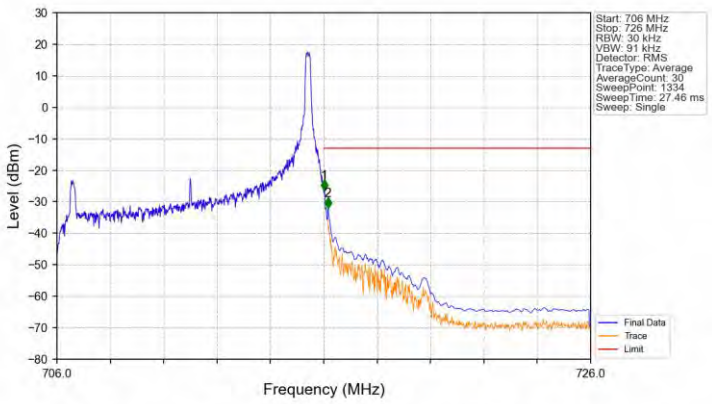
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

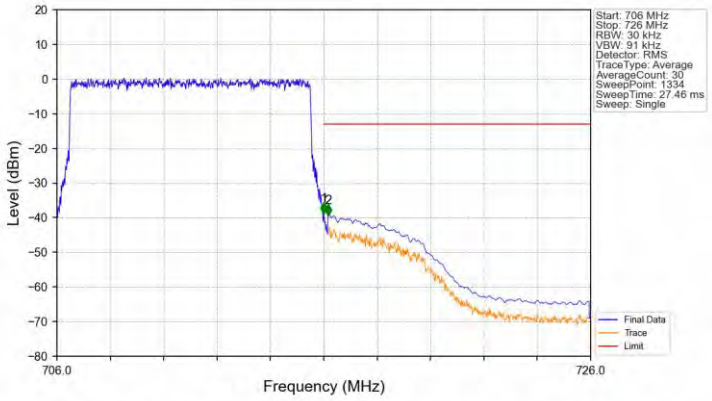


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



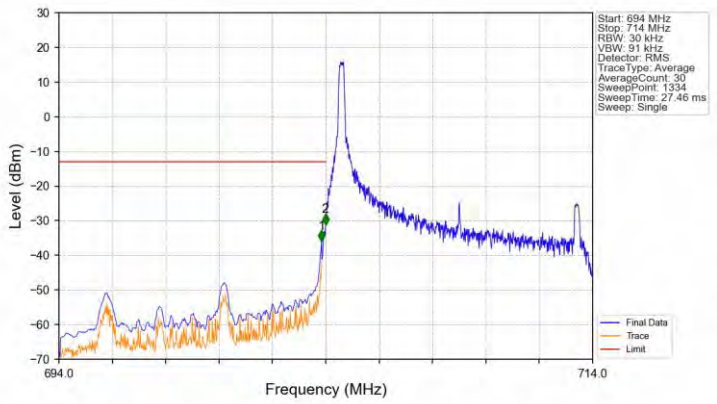
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-26.46	-13	Pass
716.1	726	0.1	CHP	2	716.158	-31.99	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



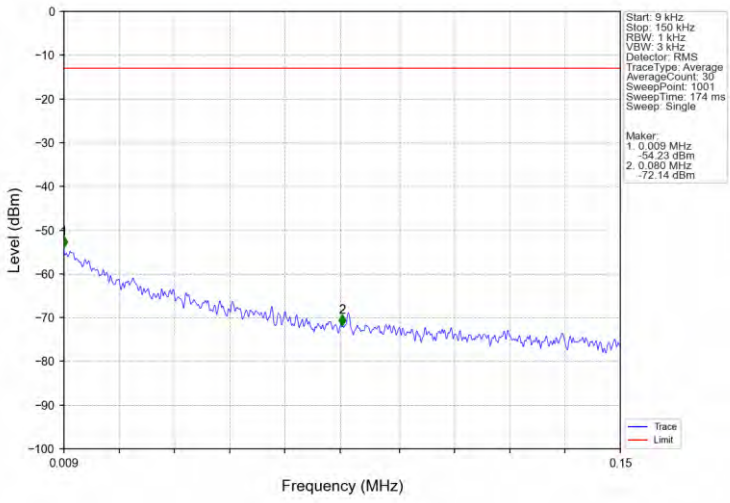
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-38.84	-13	Pass
716.1	726	0.1	CHP	2	716.173	-39.27	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

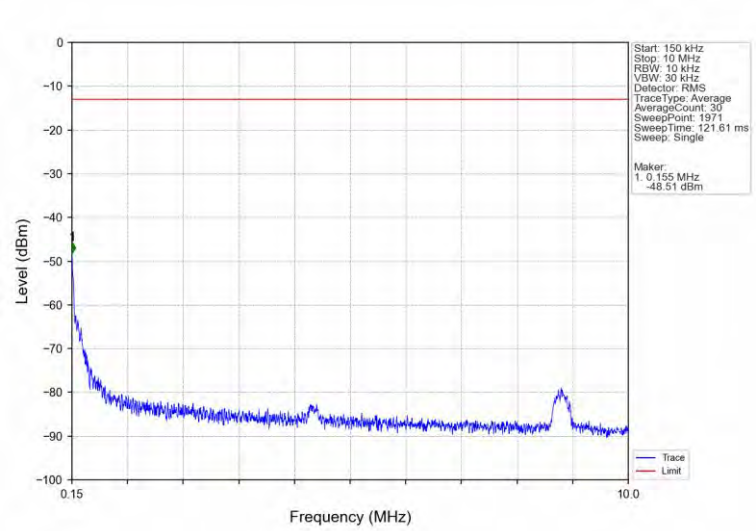


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-35.95	-13	Pass
703.9	704	0.03	/	2	703.992	-31.05	-13	Pass
704	714	0.03	/	/	/	/	/	/

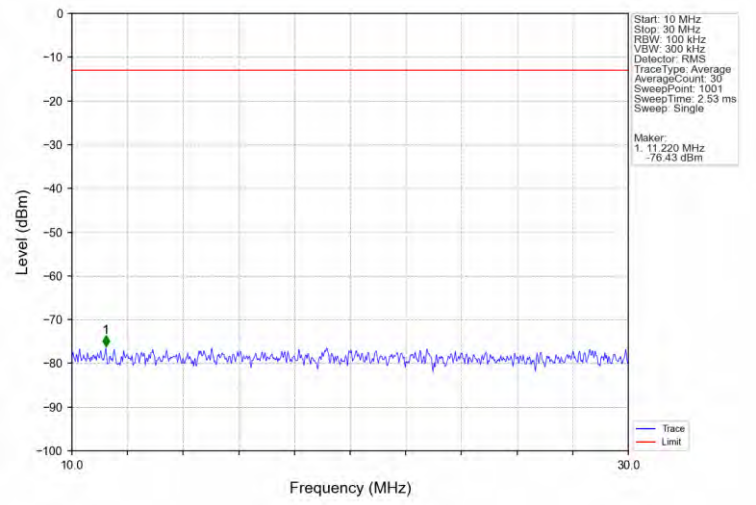
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



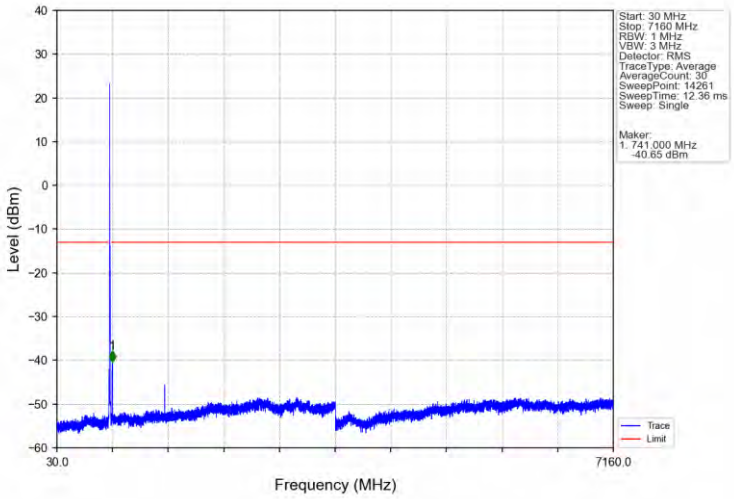
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



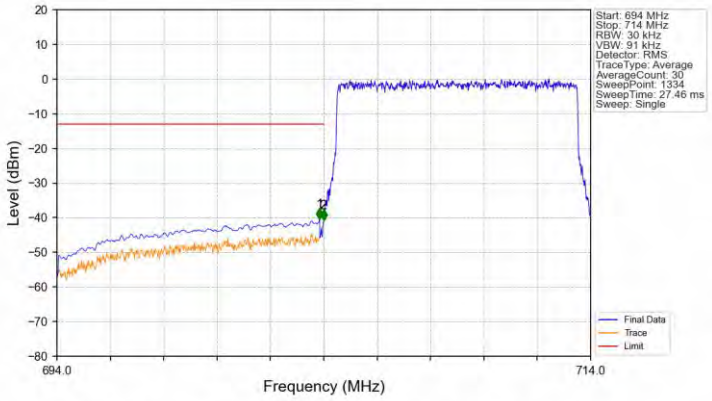
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

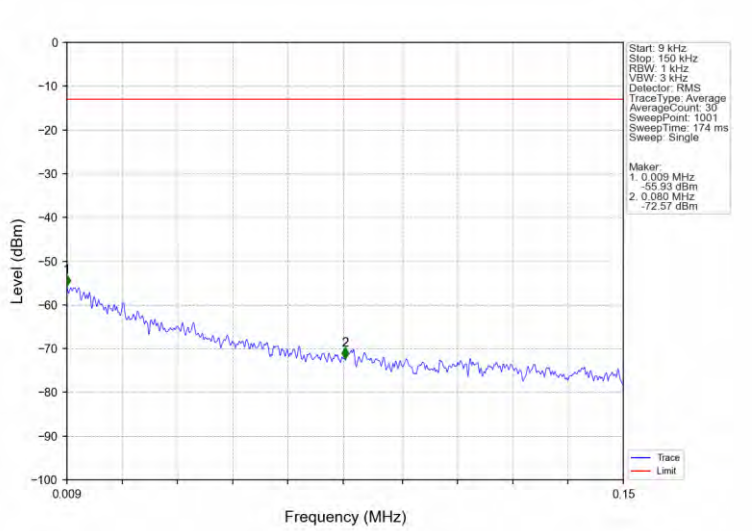


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

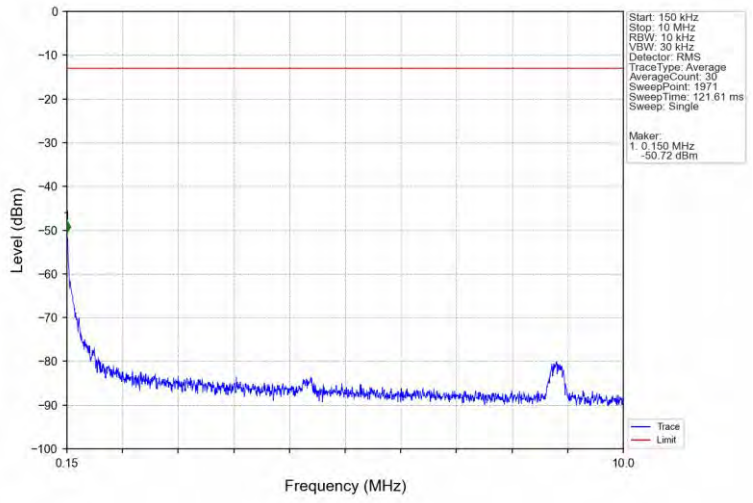


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.42	-13	Pass
703.9	704	0.03	/	2	703.992	-40.77	-13	Pass
704	714	0.03	/	/	/	/	/	/

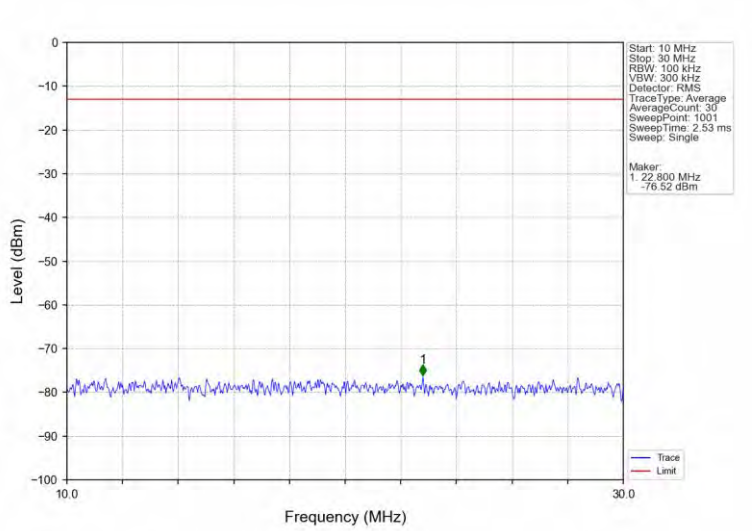
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



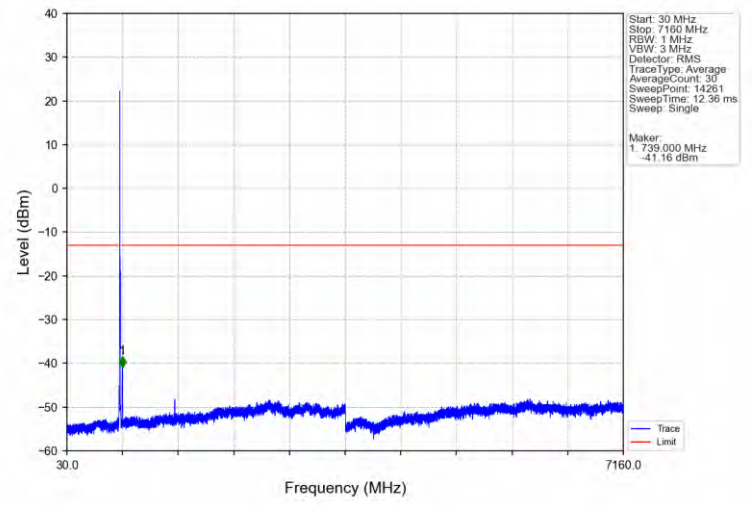
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



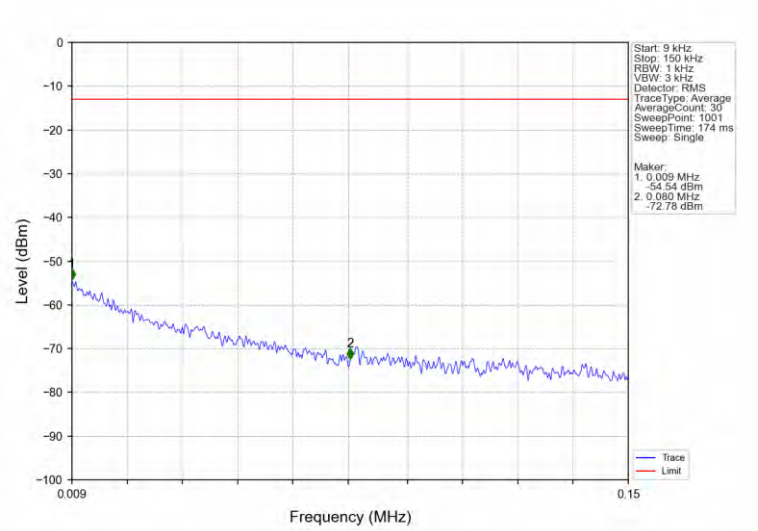
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



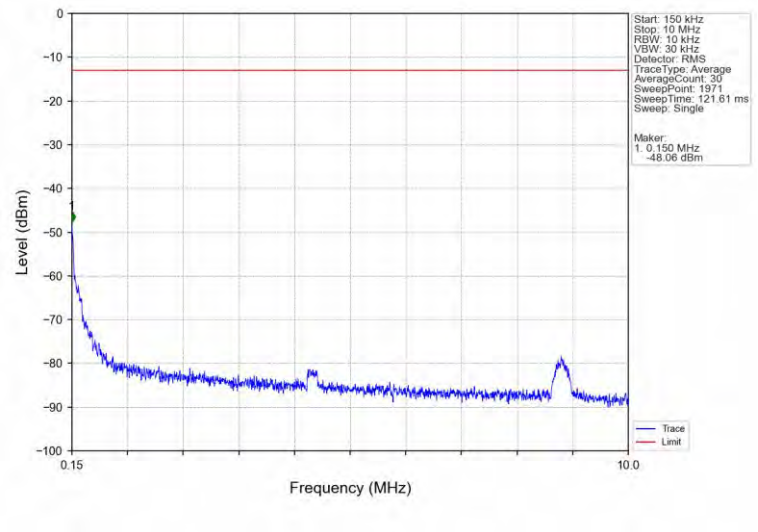
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



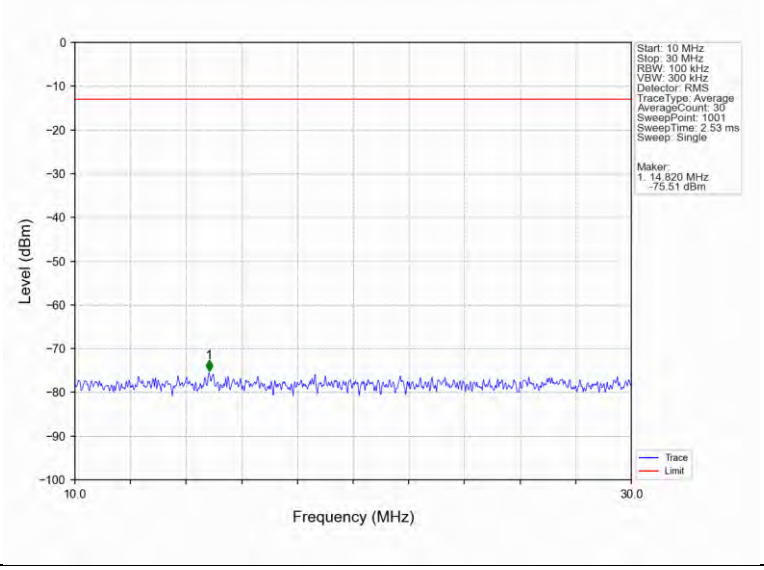
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



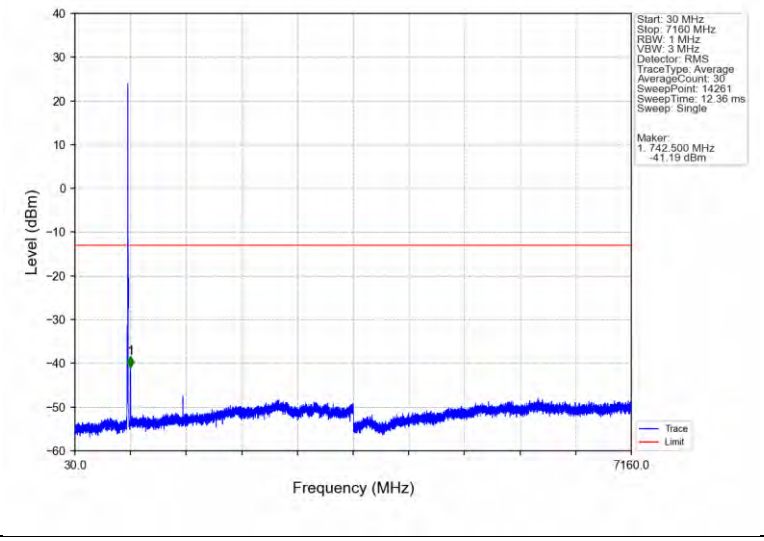
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



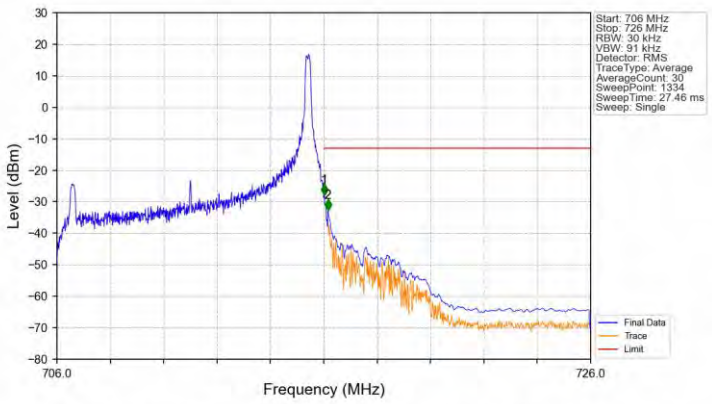
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

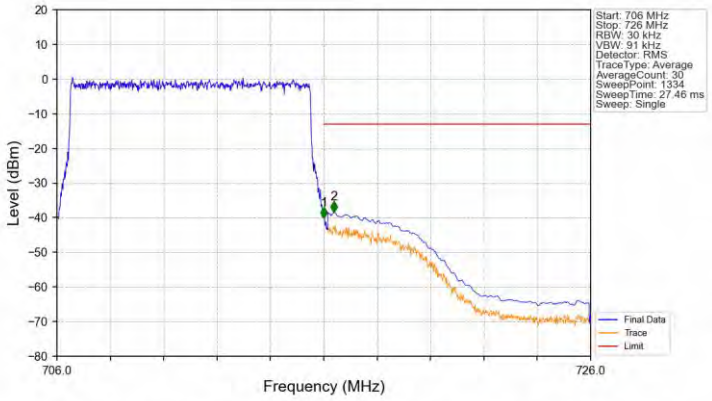


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.023	-27.94	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.70	-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	716.008	-40.01	-13	Pass
716.1	726	0.1	CHP	2	716.383	-38.32	-13	Pass

********** End of Report **********