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	22.70	-0.81	19.74	<=34.77	Pass
			13	22.84	-0.81	19.88	<=34.77	Pass
			24	22.83	-0.81	19.87	<=34.77	Pass
		12	0	21.71	-0.81	18.75	<=34.77	Pass
			6	21.82	-0.81	18.86	<=34.77	Pass
			13	21.84	-0.81	18.88	<=34.77	Pass
		25	0	21.67	-0.81	18.71	<=34.77	Pass
	710	1	0	22.77	-0.81	19.81	<=34.77	Pass
			13	22.92	-0.81	19.96	<=34.77	Pass
			24	22.84	-0.81	19.88	<=34.77	Pass
		12	0	21.80	-0.81	18.84	<=34.77	Pass
			6	21.93	-0.81	18.97	<=34.77	Pass
			13	21.94	-0.81	18.98	<=34.77	Pass
		25	0	21.90	-0.81	18.94	<=34.77	Pass
	713.5	1	0	22.32	-0.81	19.36	<=34.77	Pass
			13	22.44	-0.81	19.48	<=34.77	Pass
			24	22.35	-0.81	19.39	<=34.77	Pass
		12	0	21.31	-0.81	18.35	<=34.77	Pass
			6	21.43	-0.81	18.47	<=34.77	Pass
			13	21.36	-0.81	18.40	<=34.77	Pass
		25	0	21.37	-0.81	18.41	<=34.77	Pass
16QAM	706.5	1	0	21.04	-0.81	18.08	<=34.77	Pass
			13	21.19	-0.81	18.23	<=34.77	Pass
			24	21.16	-0.81	18.20	<=34.77	Pass
		12	0	20.78	-0.81	17.82	<=34.77	Pass
			6	20.80	-0.81	17.84	<=34.77	Pass
			13	20.84	-0.81	17.88	<=34.77	Pass
		25	0	20.82	-0.81	17.86	<=34.77	Pass
	710	1	0	21.60	-0.81	18.64	<=34.77	Pass
			13	21.66	-0.81	18.70	<=34.77	Pass
			24	21.55	-0.81	18.59	<=34.77	Pass
		12	0	20.31	-0.81	17.35	<=34.77	Pass
			6	20.45	-0.81	17.49	<=34.77	Pass
			13	20.46	-0.81	17.50	<=34.77	Pass
		25	0	20.38	-0.81	17.42	<=34.77	Pass
	713.5	1	0	21.18	-0.81	18.22	<=34.77	Pass
			13	21.30	-0.81	18.34	<=34.77	Pass
			24	21.17	-0.81	18.21	<=34.77	Pass
		12	0	20.34	-0.81	17.38	<=34.77	Pass
			6	20.42	-0.81	17.46	<=34.77	Pass
			13	20.36	-0.81	17.40	<=34.77	Pass
		25	0	20.38	-0.81	17.42	<=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	22.72	-0.81	19.76	<=34.77	Pass
			25	23.08	-0.81	20.12	<=34.77	Pass
			49	22.94	-0.81	19.98	<=34.77	Pass
		25	0	21.40	-0.81	18.44	<=34.77	Pass
			13	21.44	-0.81	18.48	<=34.77	Pass
			25	21.57	-0.81	18.61	<=34.77	Pass
		50	0	21.48	-0.81	18.52	<=34.77	Pass
	710	1	0	22.17	-0.81	19.21	<=34.77	Pass
			25	22.56	-0.81	19.60	<=34.77	Pass
			49	22.37	-0.81	19.41	<=34.77	Pass
		25	0	21.30	-0.81	18.34	<=34.77	Pass
			13	21.46	-0.81	18.50	<=34.77	Pass
			25	21.55	-0.81	18.59	<=34.77	Pass
		50	0	21.46	-0.81	18.50	<=34.77	Pass
	711	1	0	22.22	-0.81	19.26	<=34.77	Pass
			25	22.53	-0.81	19.57	<=34.77	Pass
			49	22.39	-0.81	19.43	<=34.77	Pass
		25	0	21.36	-0.81	18.40	<=34.77	Pass
			13	21.46	-0.81	18.50	<=34.77	Pass
			25	21.47	-0.81	18.51	<=34.77	Pass
		50	0	21.44	-0.81	18.48	<=34.77	Pass
16QAM	709	1	0	21.20	-0.81	18.24	<=34.77	Pass
			25	21.57	-0.81	18.61	<=34.77	Pass
			49	21.38	-0.81	18.42	<=34.77	Pass
		25	0	20.35	-0.81	17.39	<=34.77	Pass
			13	20.49	-0.81	17.53	<=34.77	Pass
			25	20.64	-0.81	17.68	<=34.77	Pass
		50	0	20.47	-0.81	17.51	<=34.77	Pass
	710	1	0	21.35	-0.81	18.39	<=34.77	Pass
			25	21.69	-0.81	18.73	<=34.77	Pass
			49	21.53	-0.81	18.57	<=34.77	Pass
		25	0	20.30	-0.81	17.34	<=34.77	Pass
			13	20.46	-0.81	17.50	<=34.77	Pass
			25	20.54	-0.81	17.58	<=34.77	Pass
		50	0	20.43	-0.81	17.47	<=34.77	Pass
	711	1	0	21.74	-0.81	18.78	<=34.77	Pass
			25	22.09	-0.81	19.13	<=34.77	Pass
			49	21.85	-0.81	18.89	<=34.77	Pass
		25	0	20.34	-0.81	17.38	<=34.77	Pass
			13	20.46	-0.81	17.50	<=34.77	Pass
			25	20.49	-0.81	17.53	<=34.77	Pass
		50	0	20.40	-0.81	17.44	<=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	-8.469	-0.0120	-2.5 to 2.5	Pass

					3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
					4.43	-6.480	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-19.941	-0.0282	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.422	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-8.812	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-6.137	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0078	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-5.479	-0.0077	-2.5 to 2.5	Pass
					3.85	-4.263	-0.0060	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-7.396	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-8.640	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-2.532	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.722	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-11.029	-0.0155	-2.5 to 2.5	Pass
					3.85	-3.448	-0.0048	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-6.452	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-8.354	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-6.208	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-6.909	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-6.852	-0.0096	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-7.868	-0.0111	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0085	-2.5 to 2.5	Pass
					4.43	-8.025	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-8.154	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-4.177	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-11.129	-0.0158	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-6.752	-0.0095	-2.5 to 2.5	Pass
					3.85	-7.968	-0.0112	-2.5 to 2.5	Pass
					4.43	-9.542	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-4.478	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-9.241	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-1.631	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-10.686	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-3.376	-0.0048	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.353	-0.0103	-2.5 to 2.5	Pass
					3.85	-8.168	-0.0114	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.623	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-8.855	-0.0124	-2.5 to 2.5	Pass

				-10	3.85	-3.462	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.048	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-8.755	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-7.482	-0.0105	-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	-5.722	-0.0081	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0056	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-6.294	-0.0089	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-0.343	-0.0005	-2.5 to 2.5	Pass
					3.85	-9.642	-0.0136	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-7.625	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-7.081	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0096	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.363	-0.0061	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0090	-2.5 to 2.5	Pass
					4.43	-7.138	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-8.168	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-8.941	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-6.166	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-9.956	-0.0140	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0079	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-6.237	-0.0088	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
					4.43	-7.868	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-6.094	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-8.283	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-8.383	-0.0118	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-8.783	-0.0124	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-7.267	-0.0102	-2.5 to 2.5	Pass

					3.85	-7.267	-0.0102	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.592	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-6.609	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.864	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-6.380	-0.0090	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-7.982	-0.0112	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0046	-2.5 to 2.5	Pass
					4.43	-4.420	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-4.435	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-6.723	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-8.340	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-6.394	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-8.211	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-7.296	-0.0103	-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

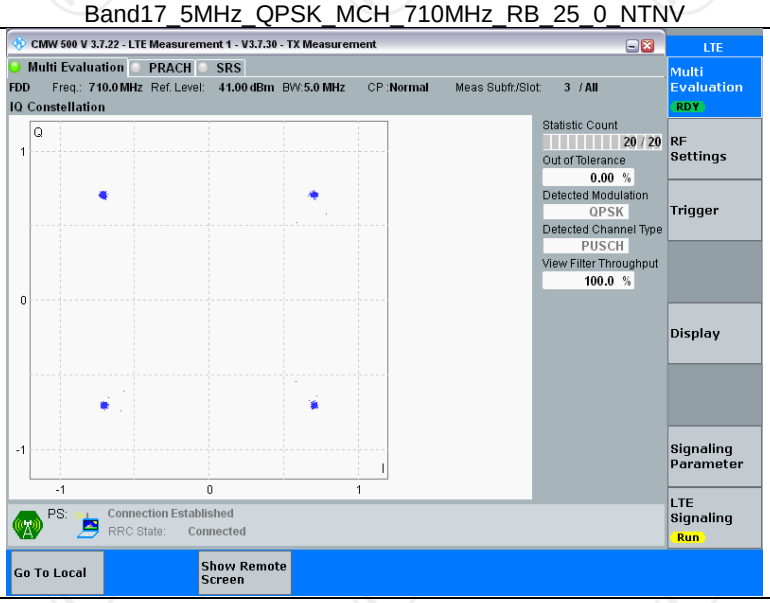
3.1.2 B17_10MHz

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

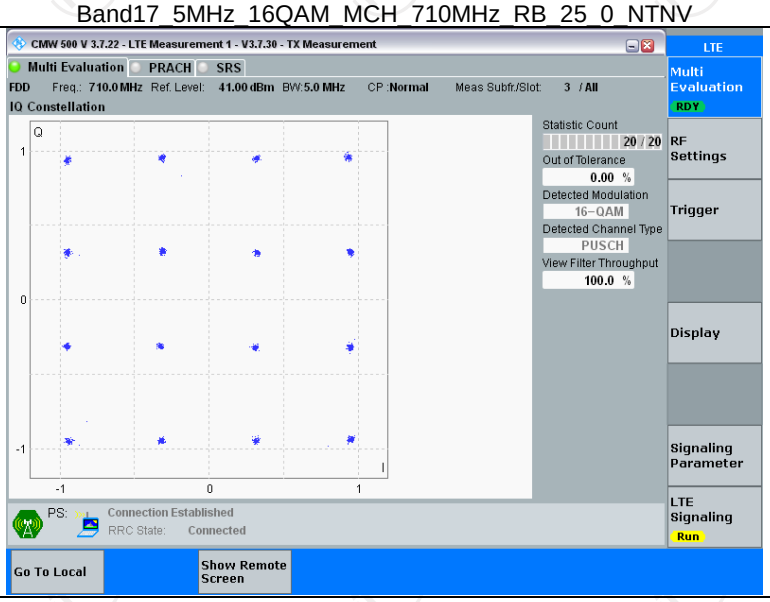
3.2 Test Graph

3.2.1 B17_5MHz

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



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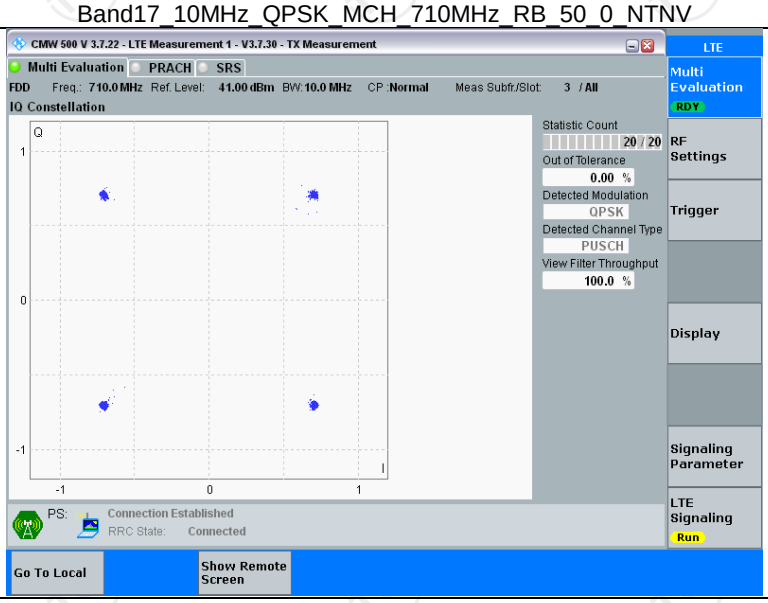
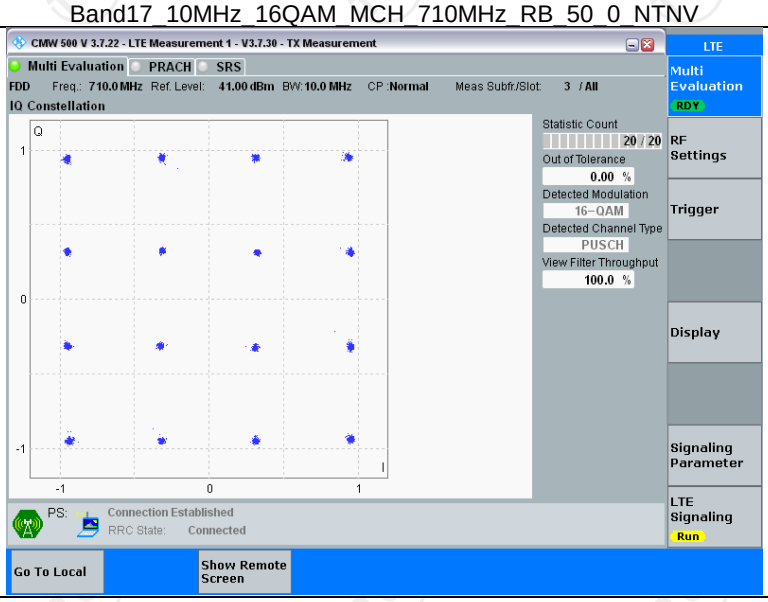
3.2.2 B17_10MHz

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	4.556	/	Pass
		710	25	0	4.580	/	Pass
		713.5	25	0	4.544	/	Pass
	16QAM	706.5	25	0	4.577	/	Pass
		710	25	0	4.552	/	Pass
		713.5	25	0	4.589	/	Pass
10	QPSK	709	50	0	9.099	/	Pass
		710	50	0	9.058	/	Pass
		711	50	0	9.071	/	Pass
	16QAM	709	50	0	9.070	/	Pass
		710	50	0	9.059	/	Pass
		711	50	0	9.082	/	Pass

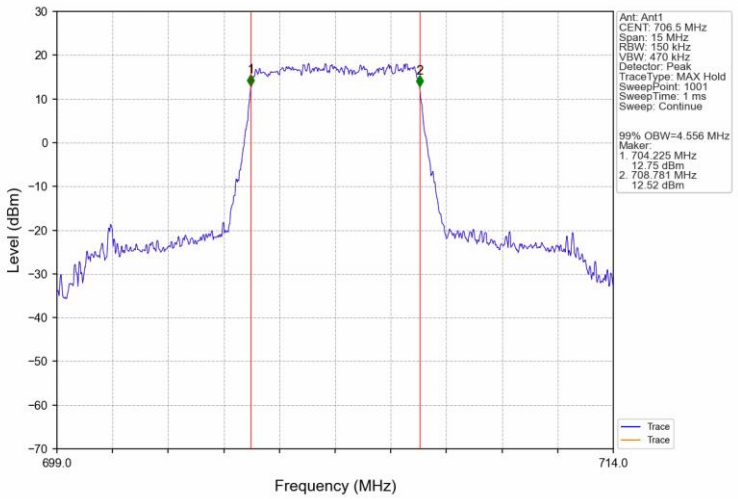
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.249	/	Pass
		710	25	0	5.204	/	Pass
		713.5	25	0	5.205	/	Pass
	16QAM	706.5	25	0	5.240	/	Pass
		710	25	0	5.215	/	Pass
		713.5	25	0	5.223	/	Pass
10	QPSK	709	50	0	10.233	/	Pass
		710	50	0	10.236	/	Pass
		711	50	0	10.278	/	Pass
	16QAM	709	50	0	10.327	/	Pass
		710	50	0	10.338	/	Pass
		711	50	0	10.227	/	Pass

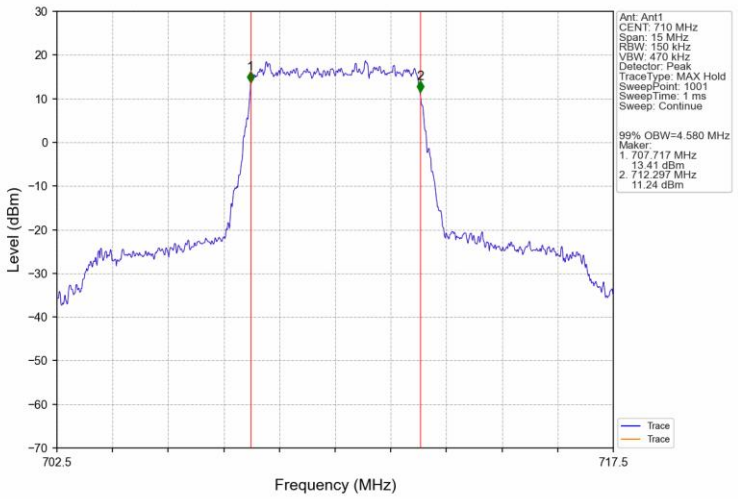
4.2 Test Graph

4.2.1 Band17_OBW

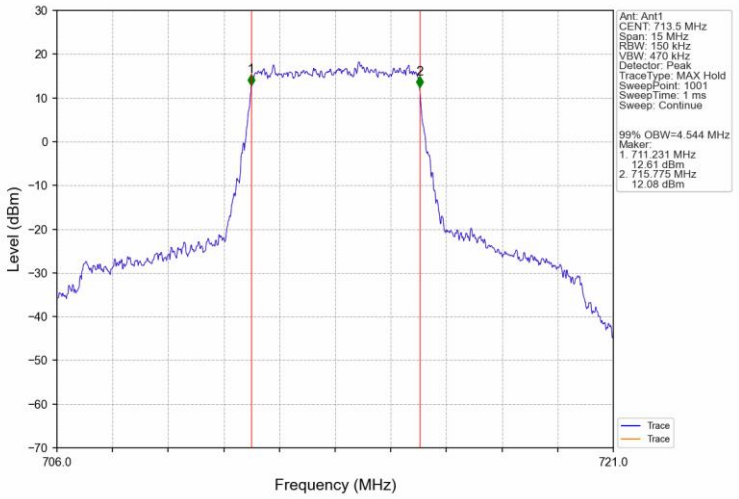
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



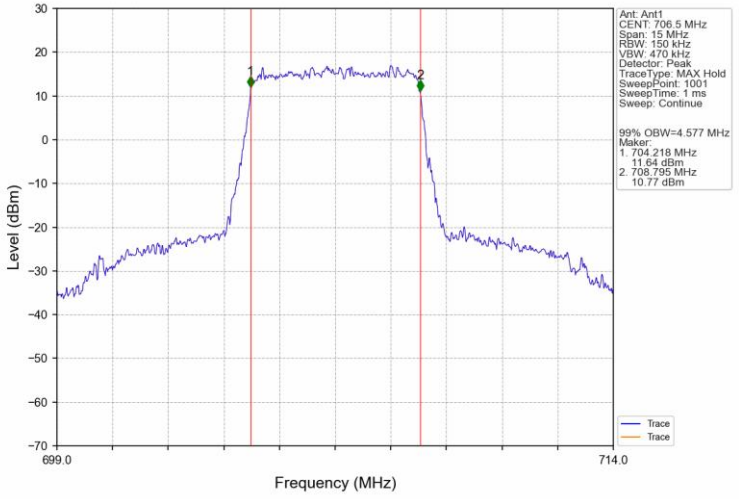
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



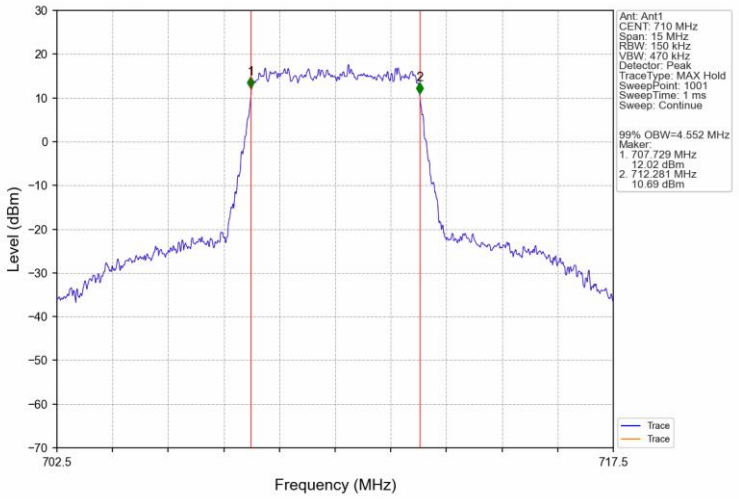
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



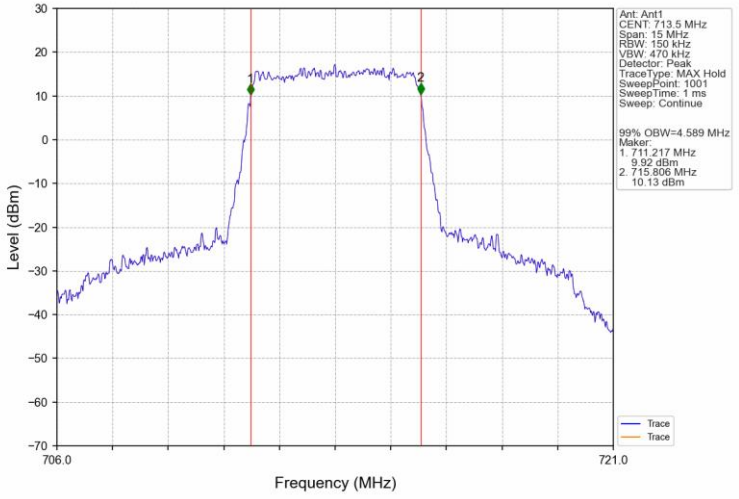
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



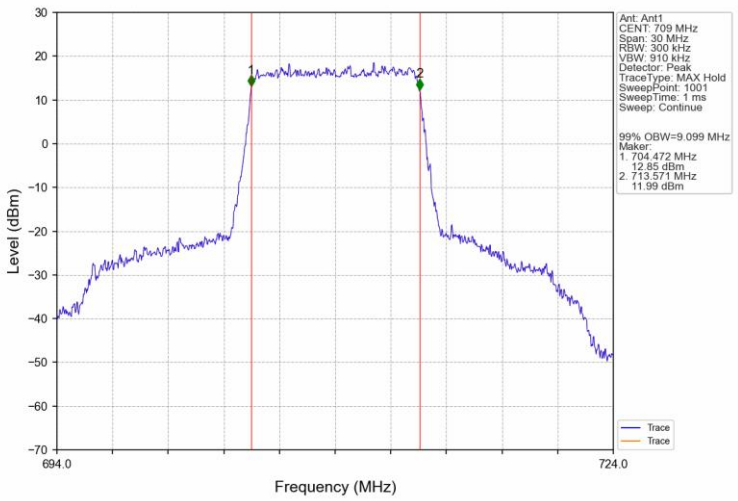
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



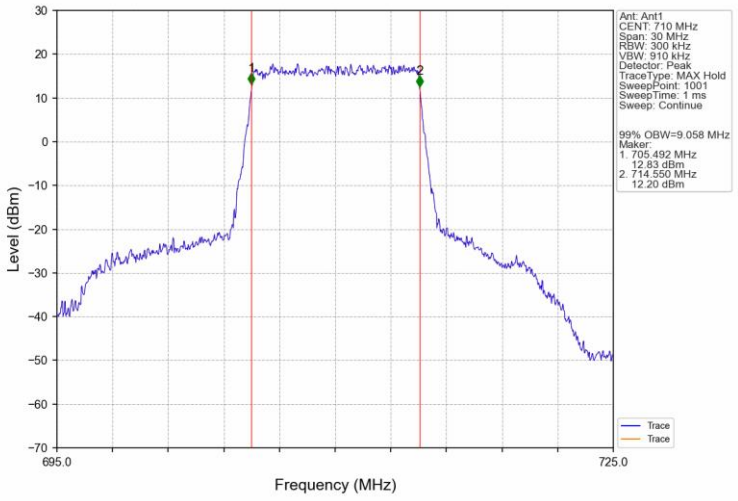
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



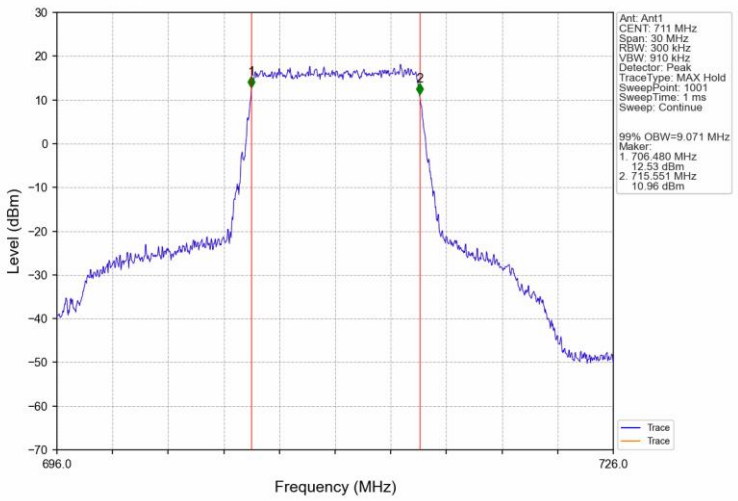
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



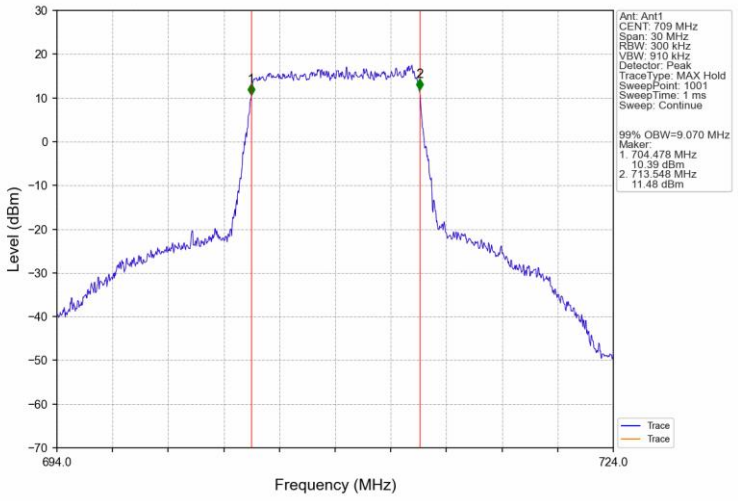
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



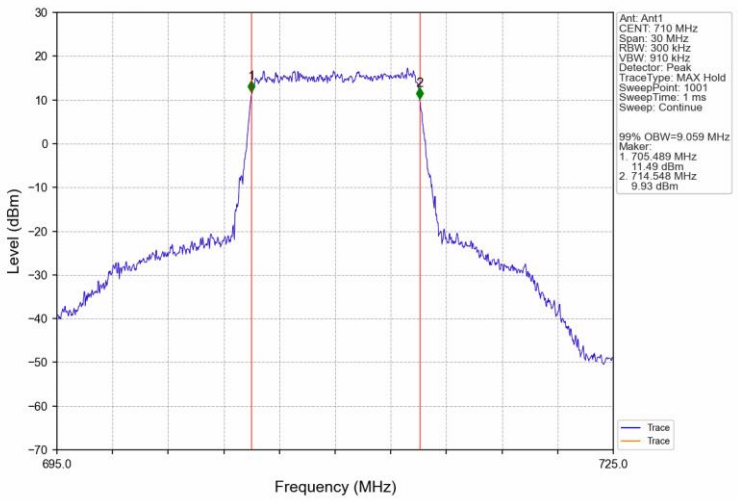
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



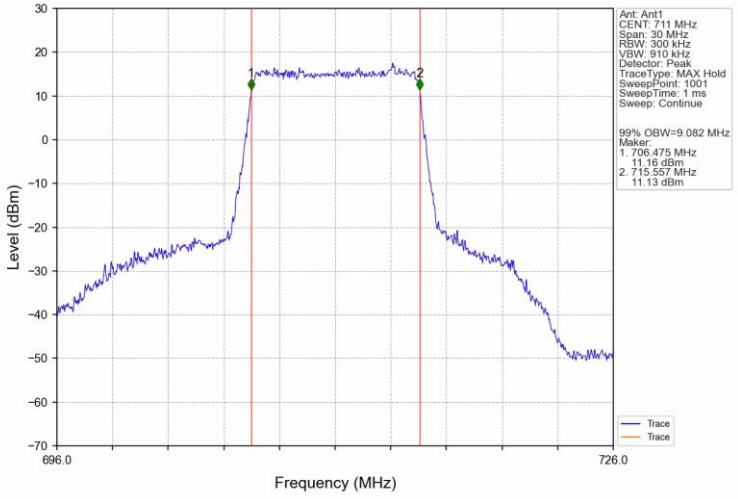
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

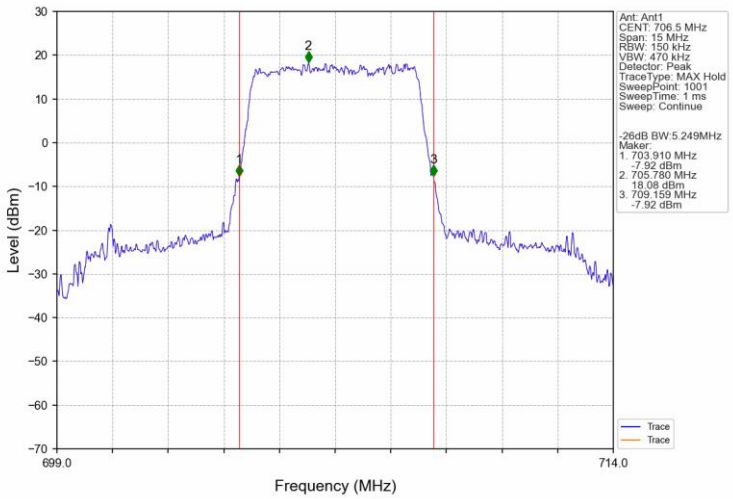


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

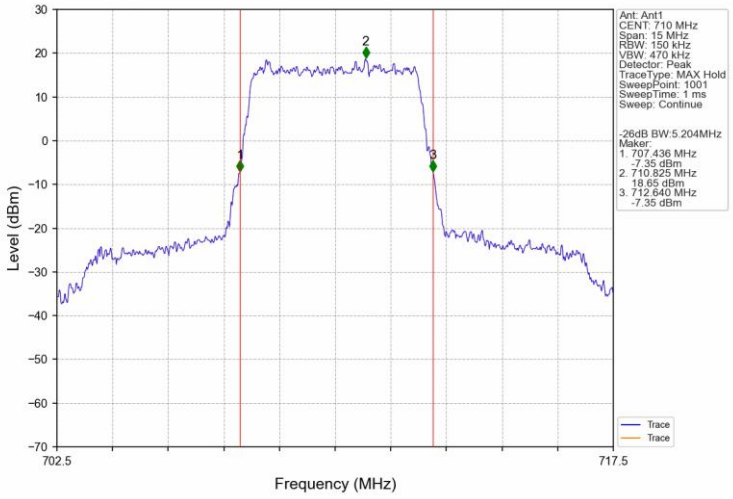


4.2.2 Band17_XDB

Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

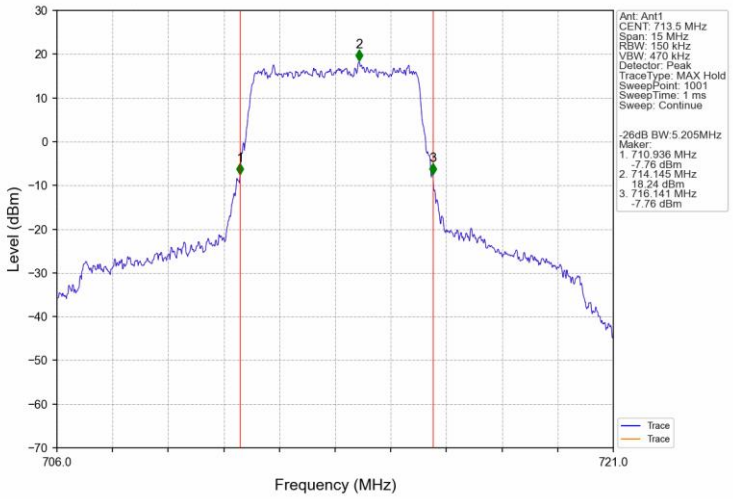


Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

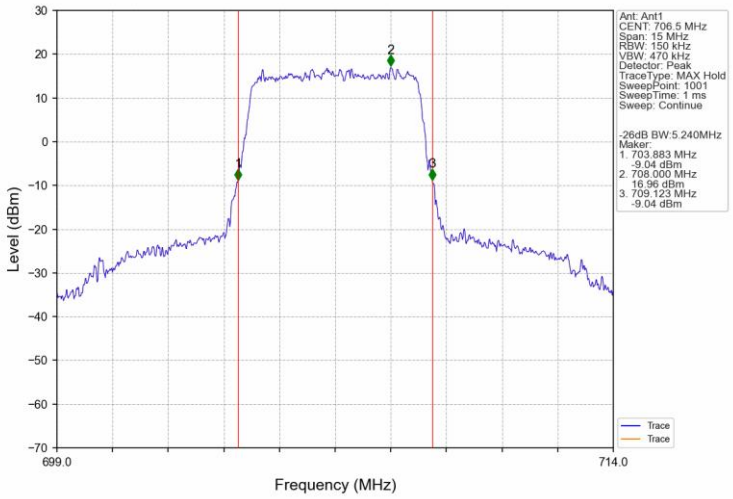


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

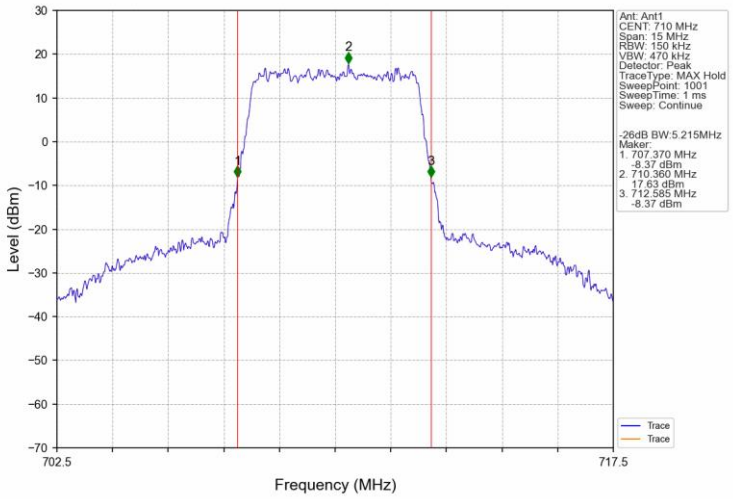
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



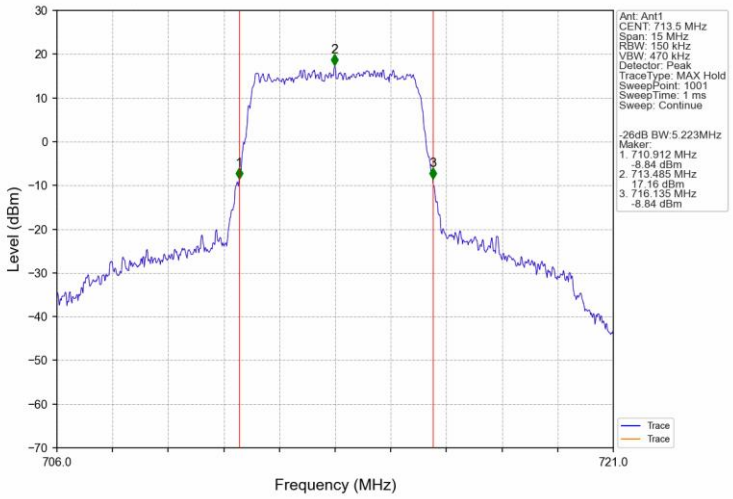
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



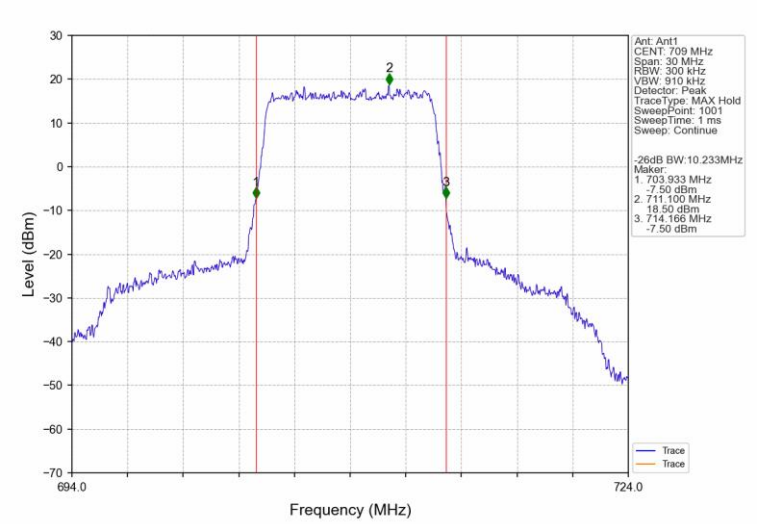
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



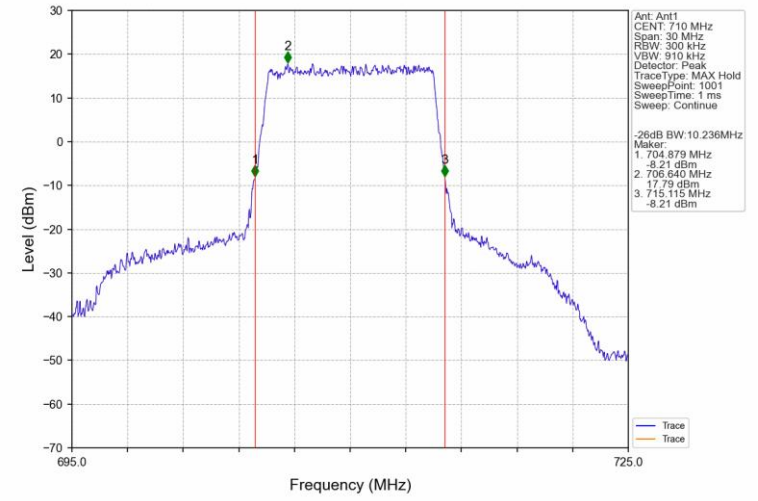
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

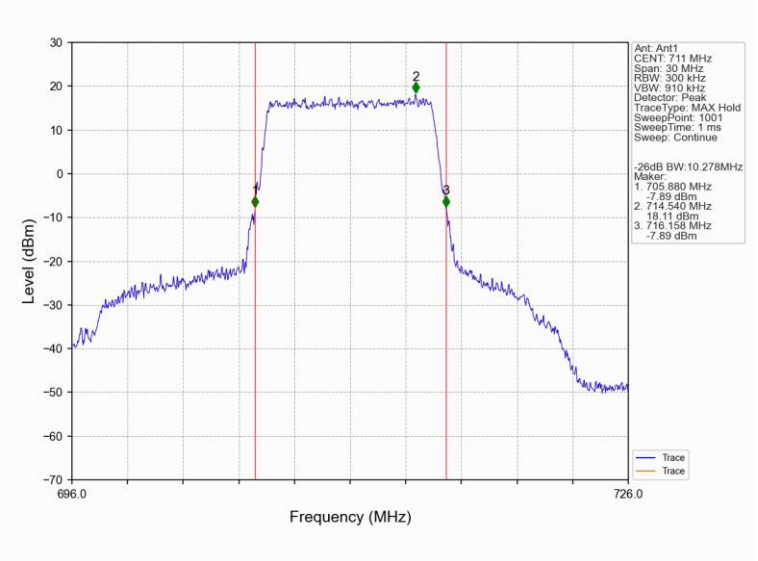
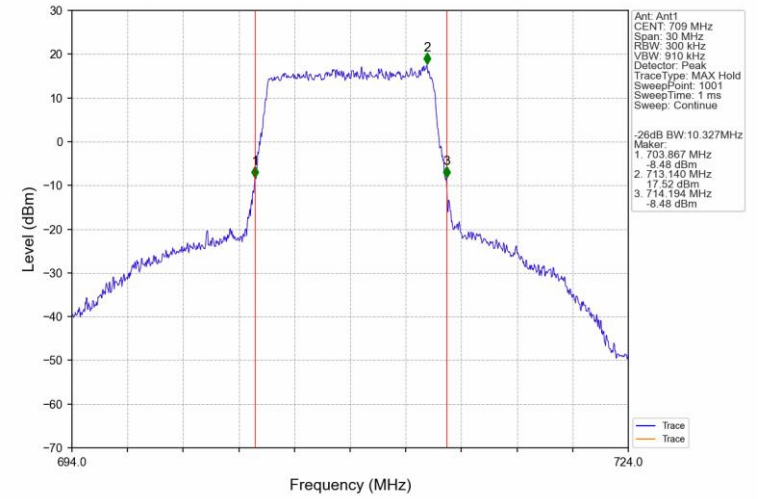


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

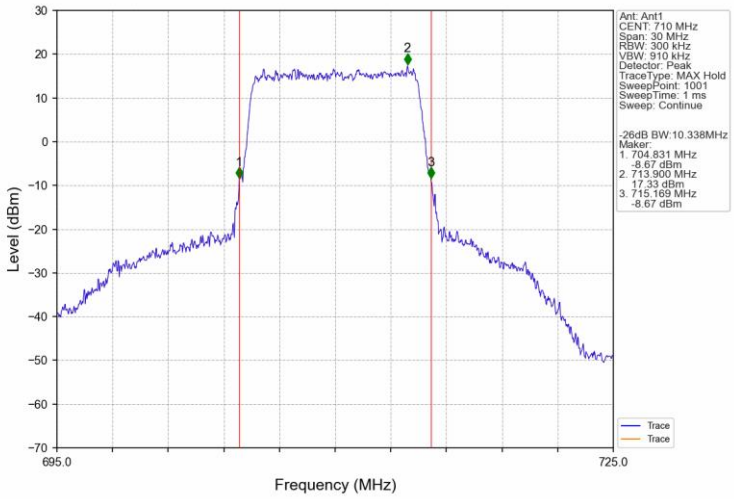


Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

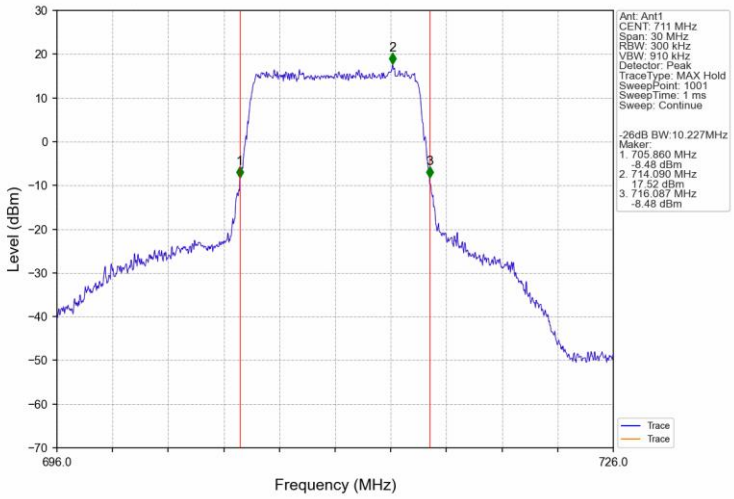


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

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	5.49	<=13	Pass
	710	25	0	5.61	<=13	Pass
	713.5	25	0	5.43	<=13	Pass
16QAM	706.5	25	0	6.21	<=13	Pass
	710	25	0	6.25	<=13	Pass
	713.5	25	0	6.09	<=13	Pass

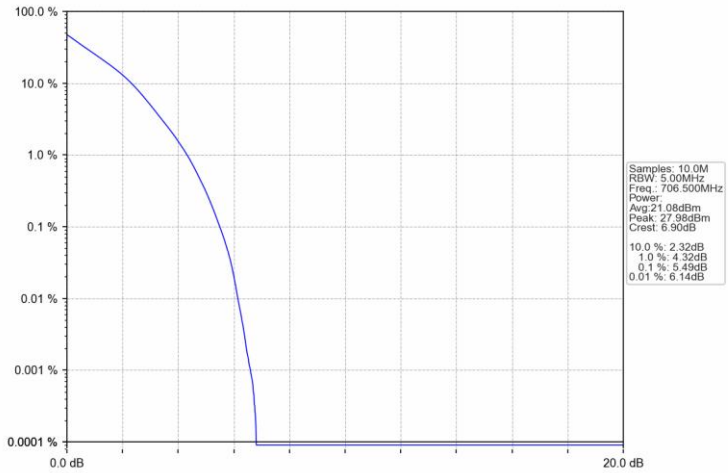
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.50	<=13	Pass
	710	50	0	5.51	<=13	Pass
	711	50	0	5.50	<=13	Pass
16QAM	709	50	0	6.23	<=13	Pass
	710	50	0	6.25	<=13	Pass
	711	50	0	6.26	<=13	Pass

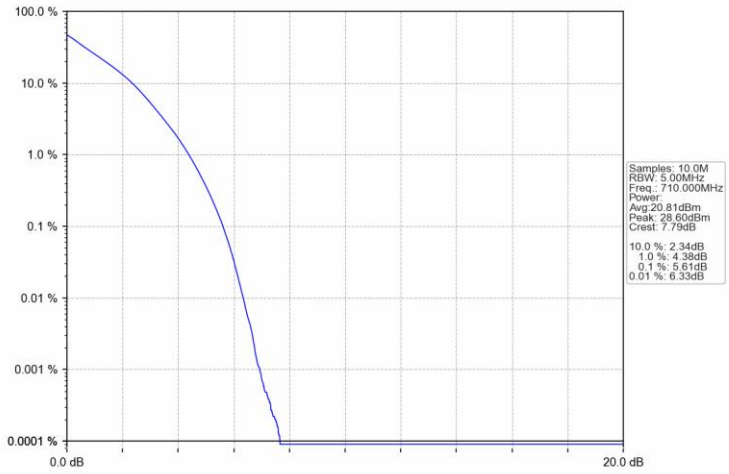
5.2 Test Graph

5.2.1 B17_5MHz

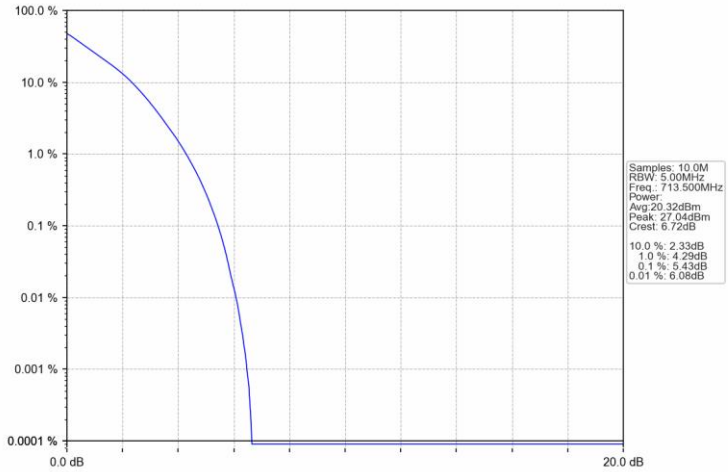
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



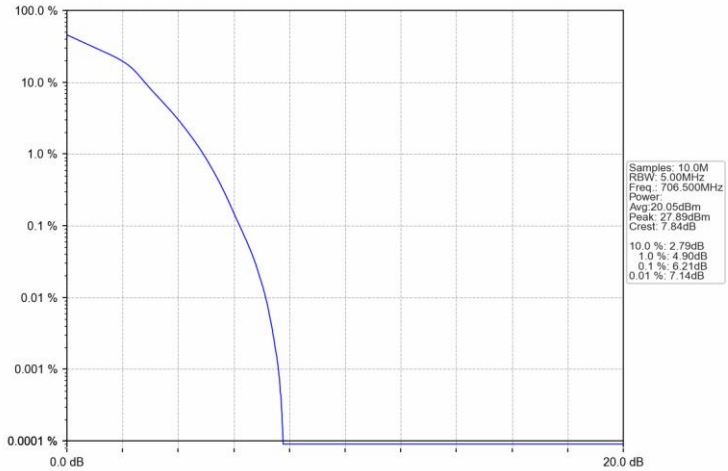
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



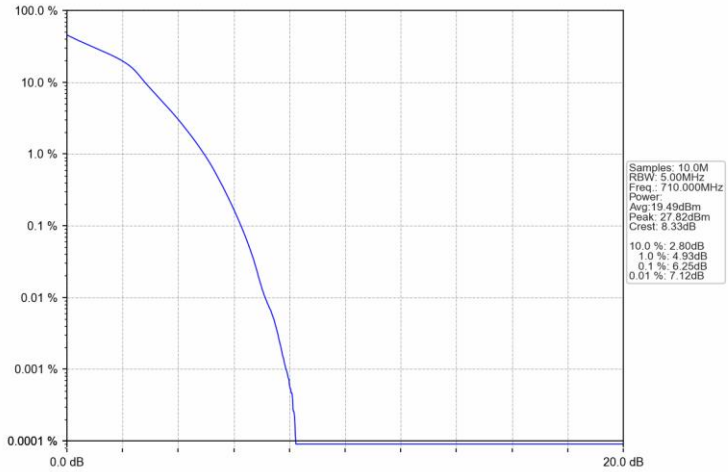
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



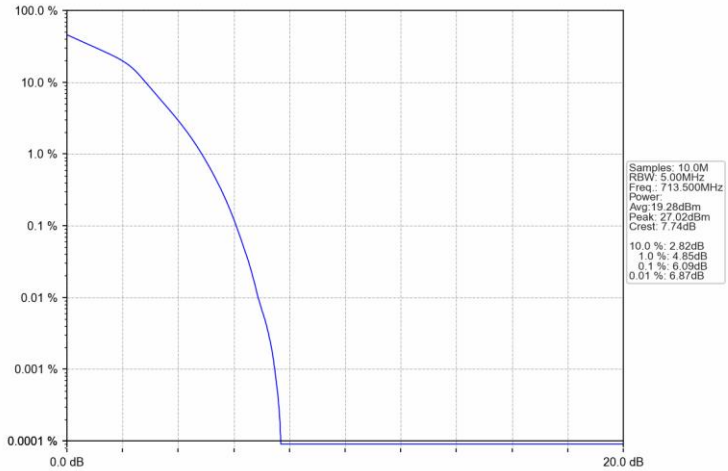
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

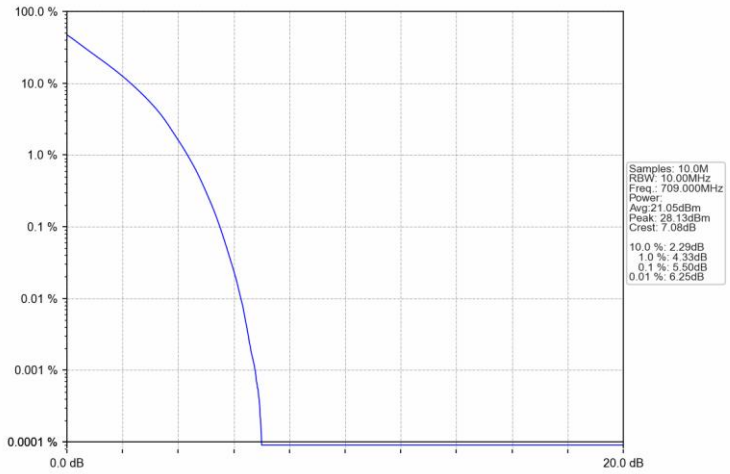


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

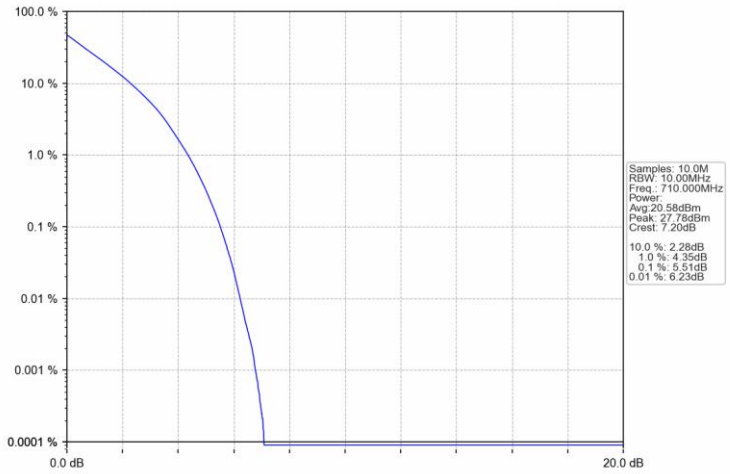


5.2.2 B17_10MHz

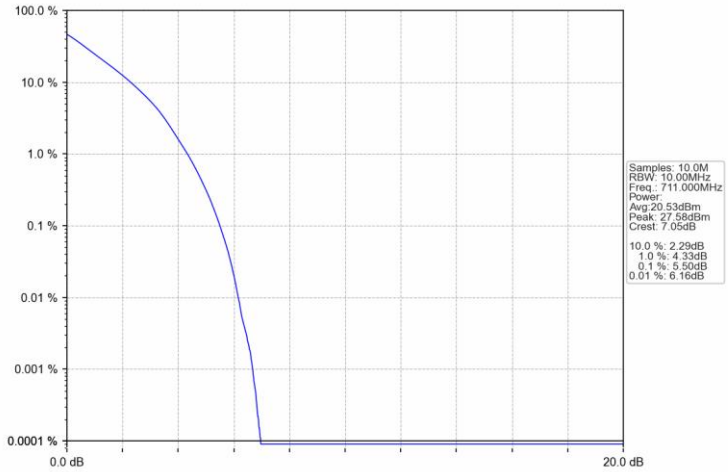
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



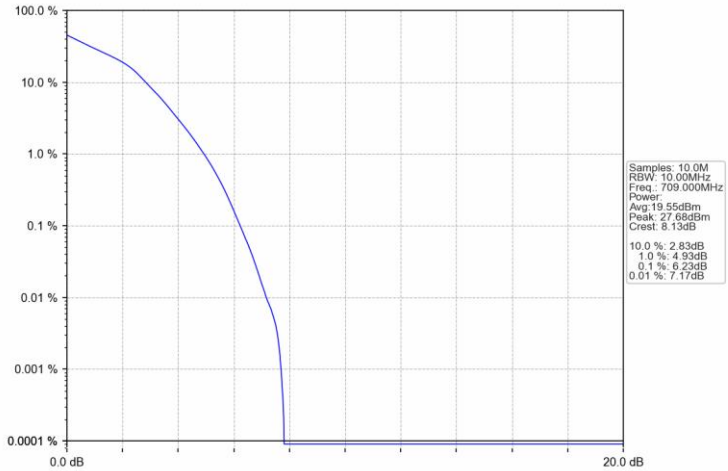
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



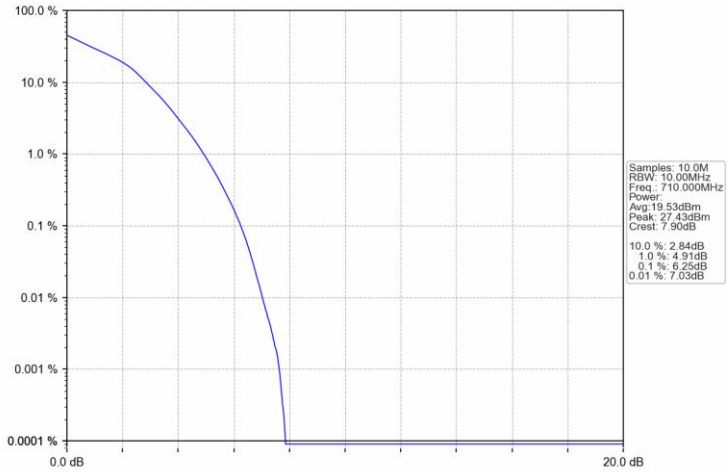
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



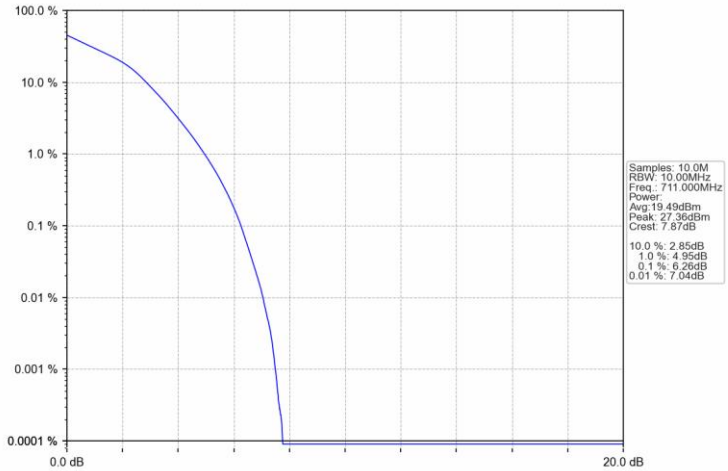
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

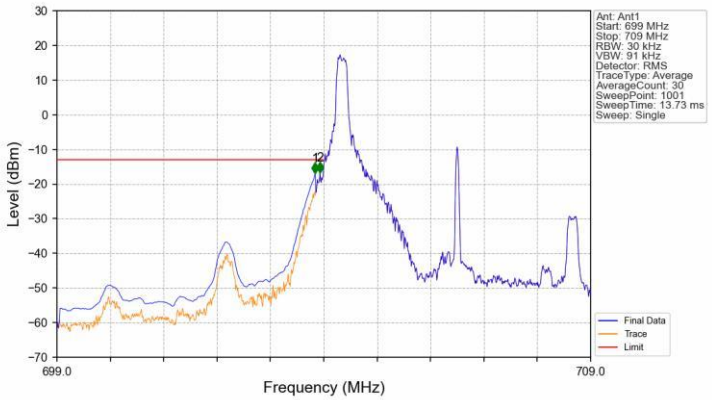
6.1.2 B17_10MHz

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

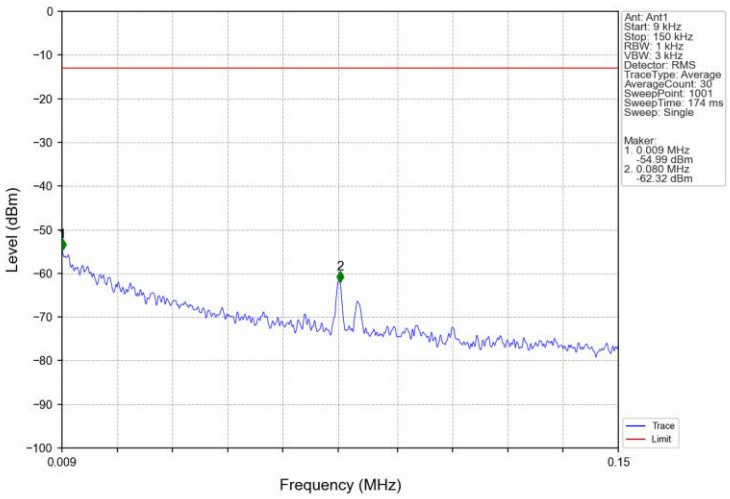
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

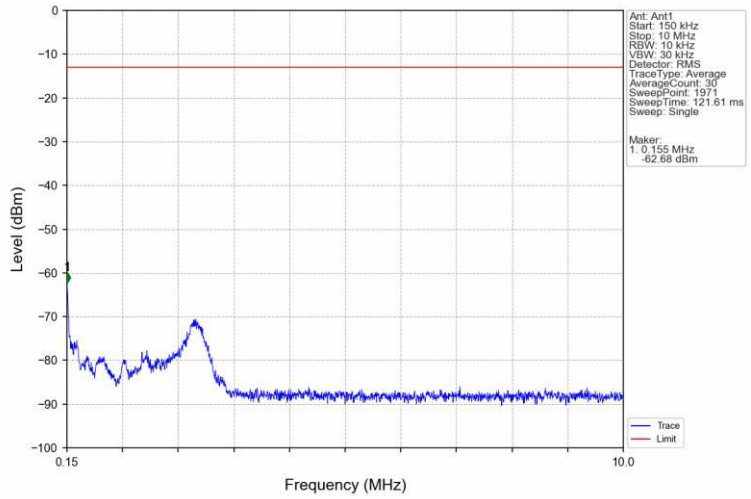


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-16.96	-13	Pass
703.9	704	0.03	/	2	703.930	-16.68	-13	Pass
704	709	0.03	/	/	/	/	/	/

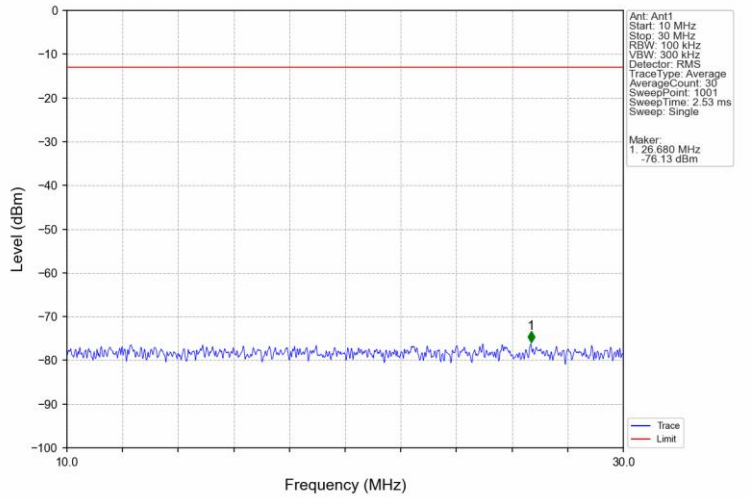
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



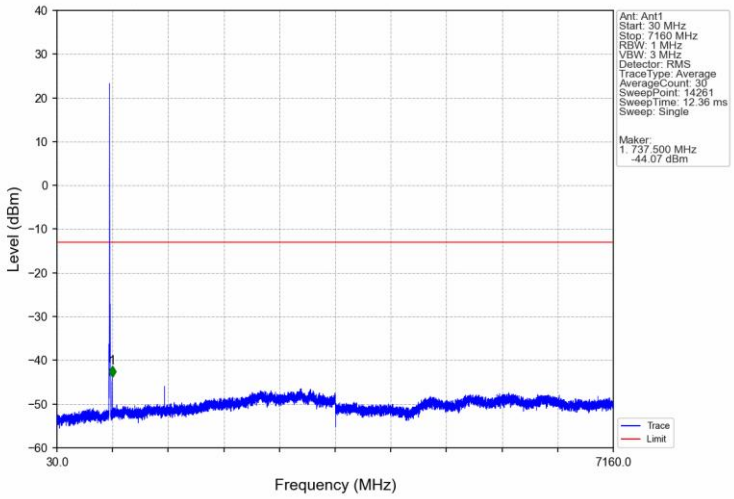
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



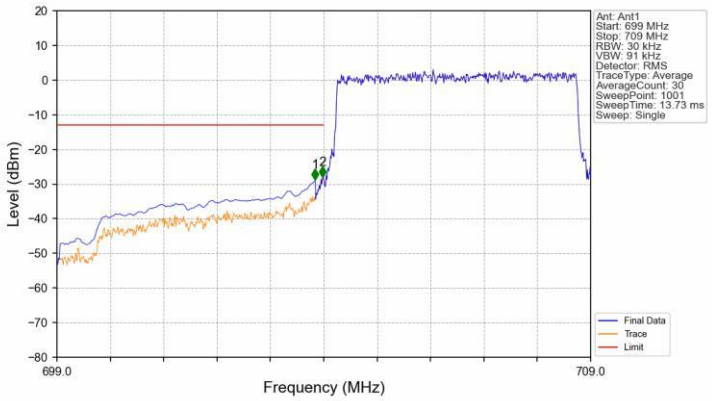
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

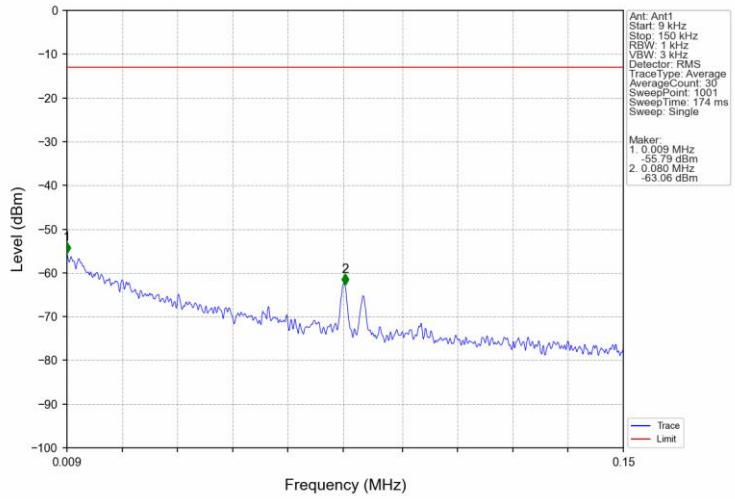


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

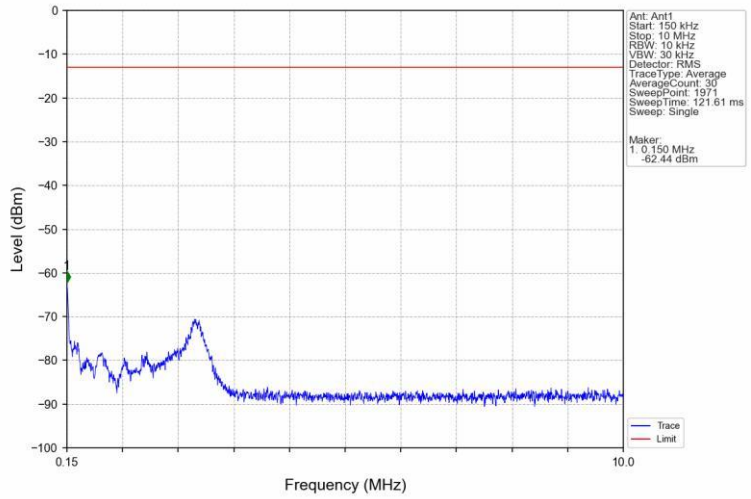


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-28.84	-13	Pass
703.9	704	0.03	/	2	703.980	-28.04	-13	Pass
704	709	0.03	/	/	/	/	/	/

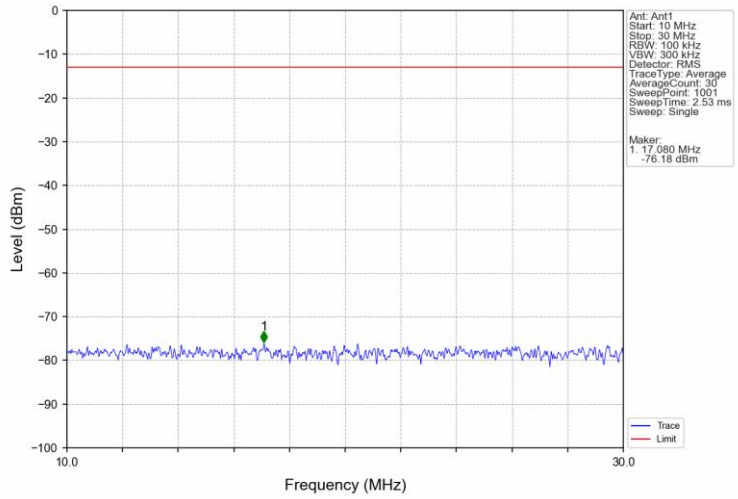
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



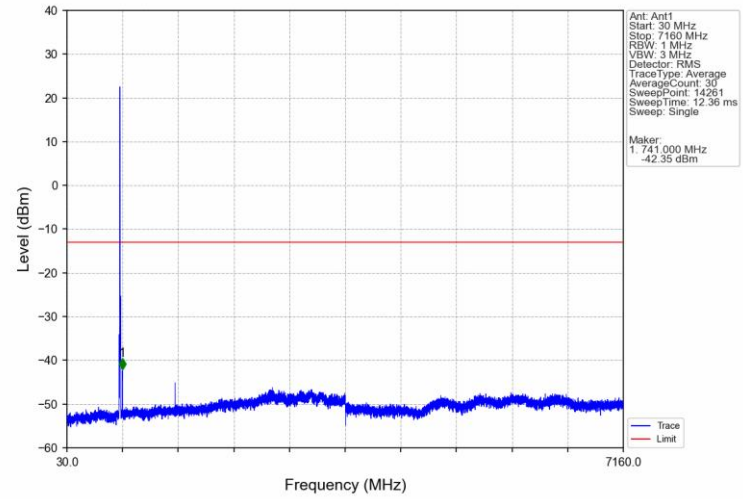
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



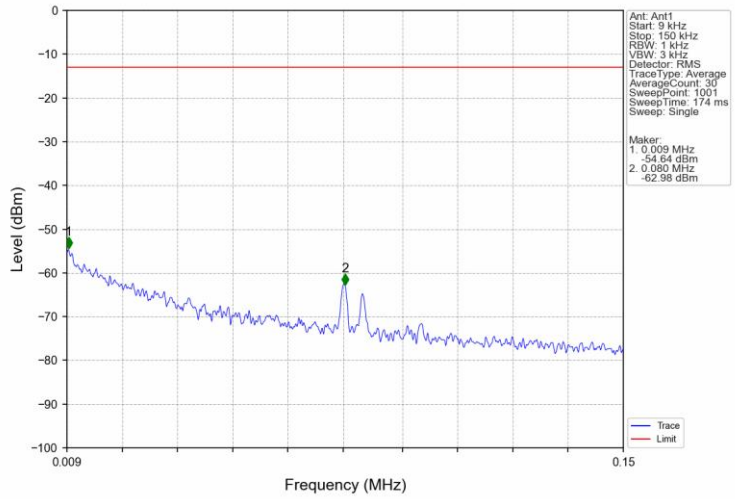
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



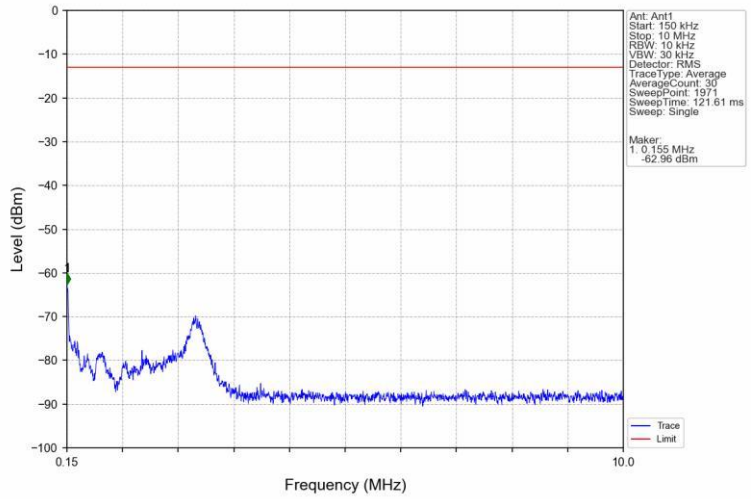
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



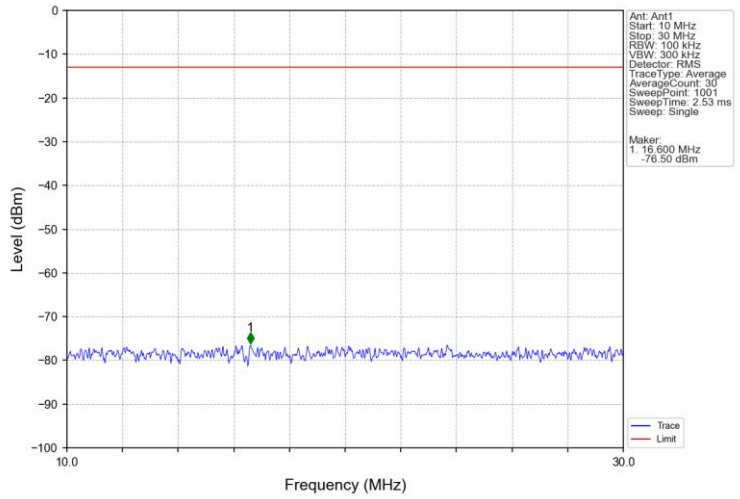
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



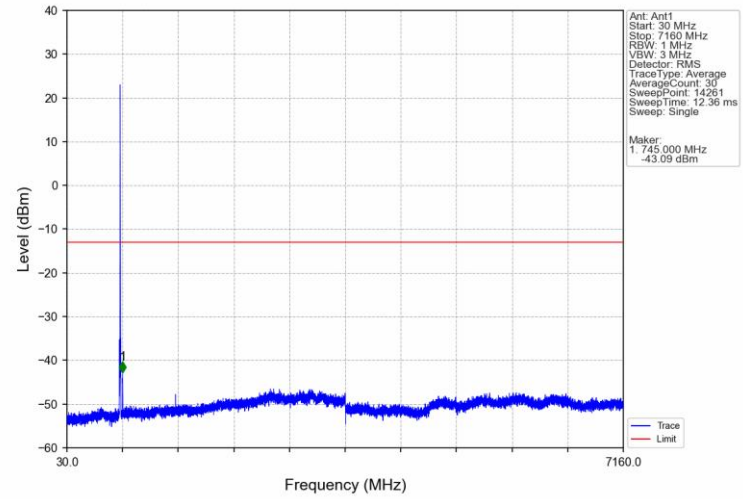
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



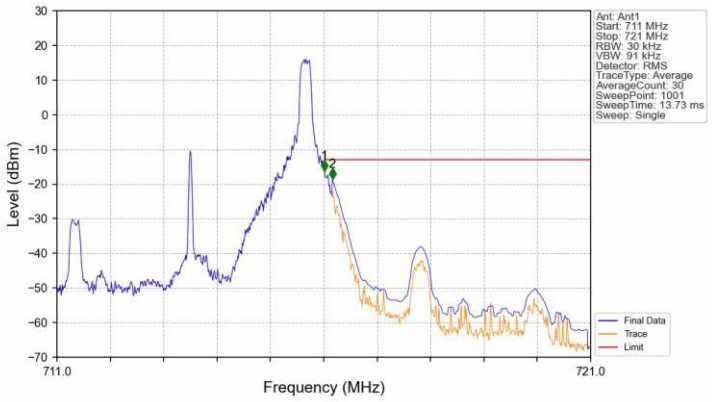
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

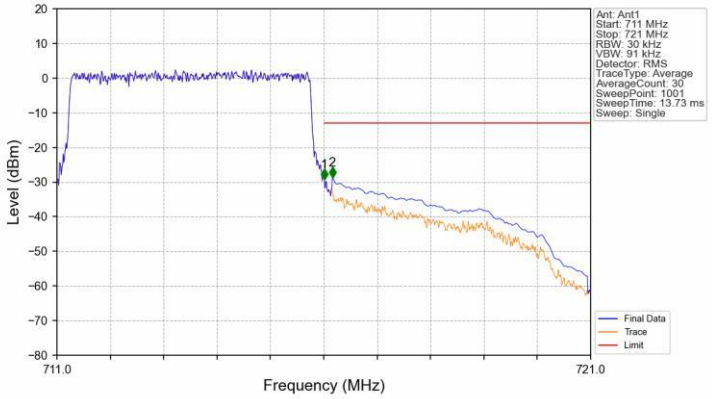


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



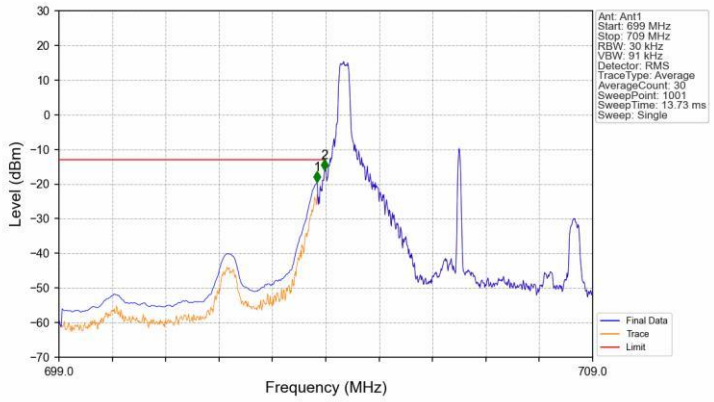
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-16.16	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.62	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



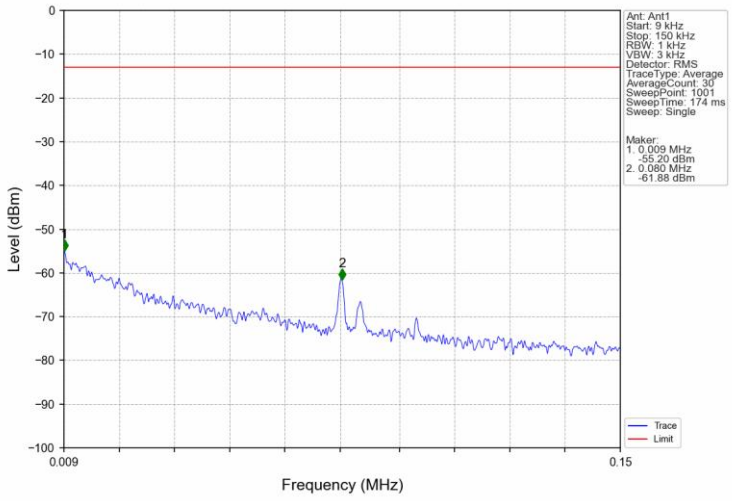
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-29.35	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.84	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

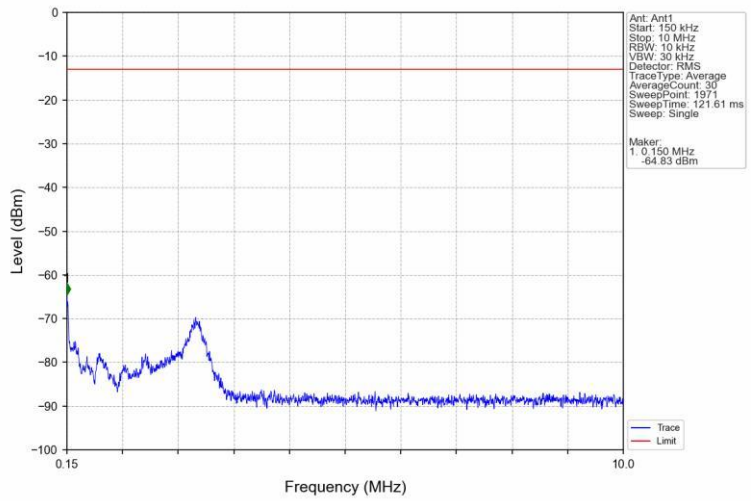


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-19.50	-13	Pass
703.9	704	0.03	/	2	703.980	-15.95	-13	Pass
704	709	0.03	/	/	/	/	/	/

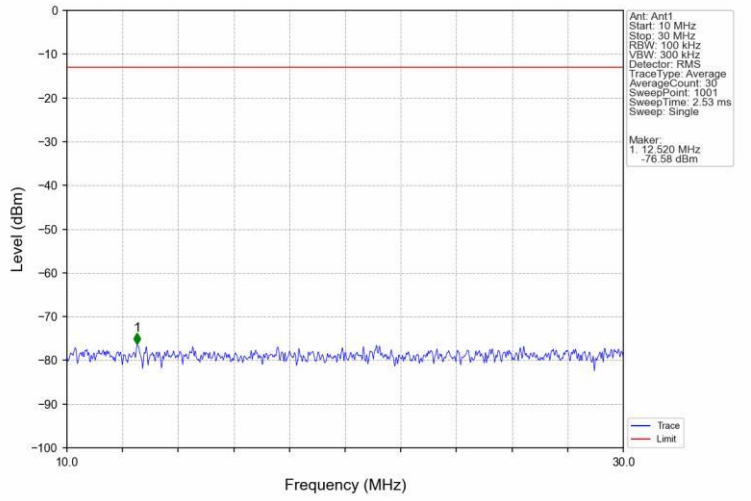
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



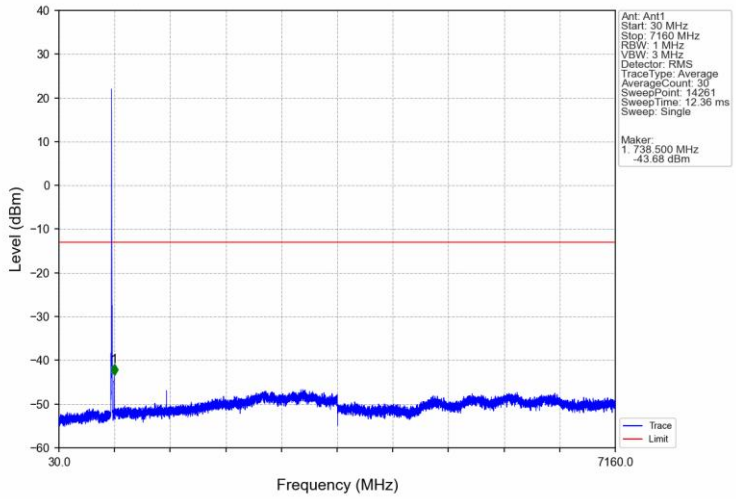
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



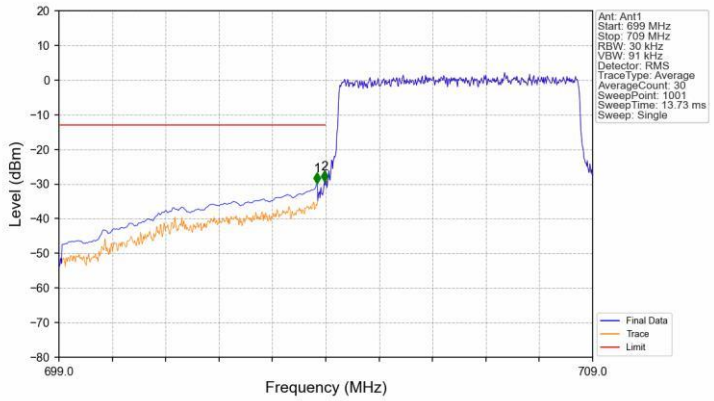
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

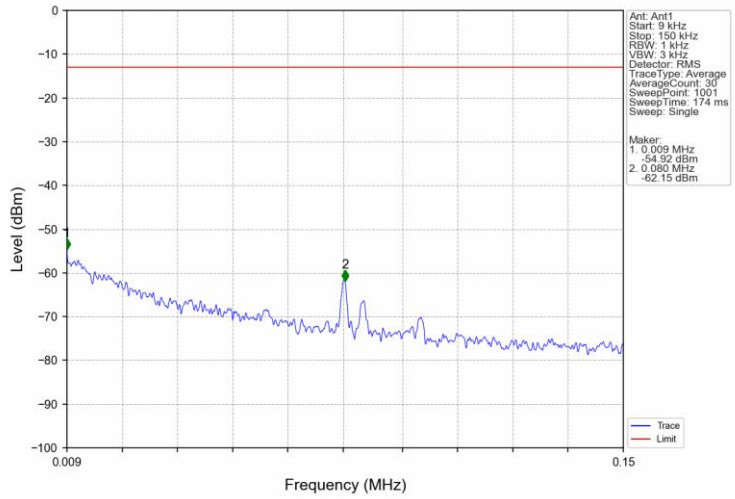


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

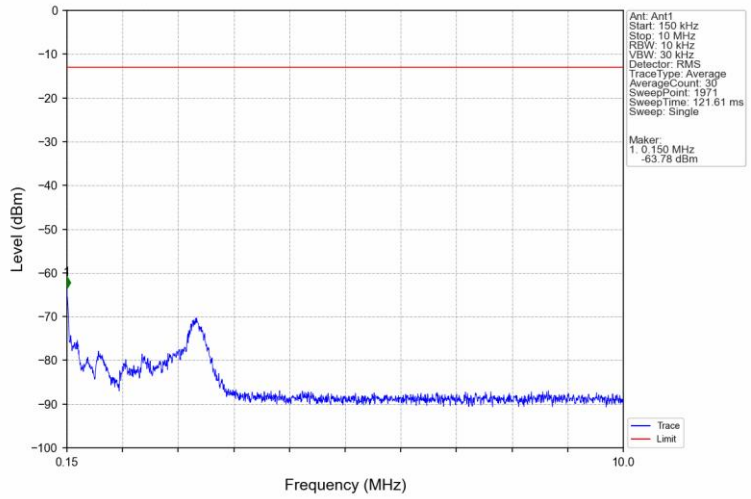


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-29.92	-13	Pass
703.9	704	0.03	/	2	703.980	-29.28	-13	Pass
704	709	0.03	/	/	/	/	/	/

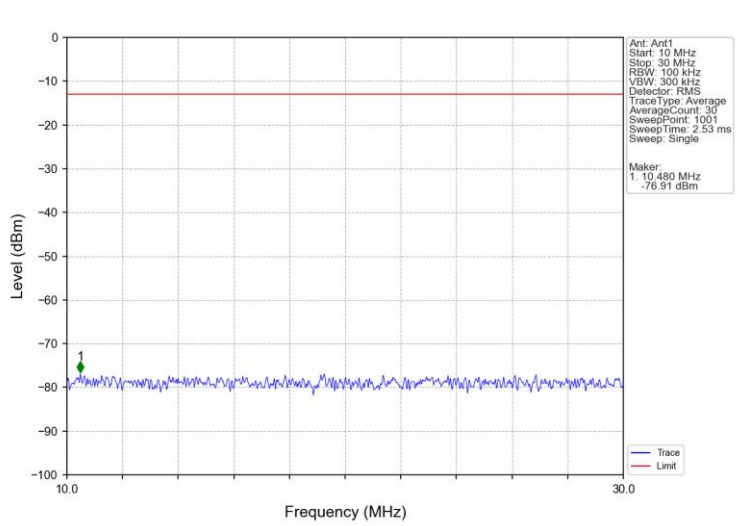
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



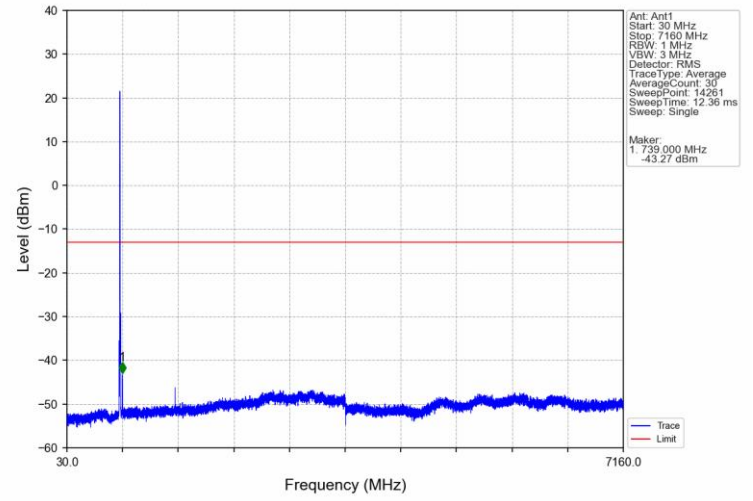
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



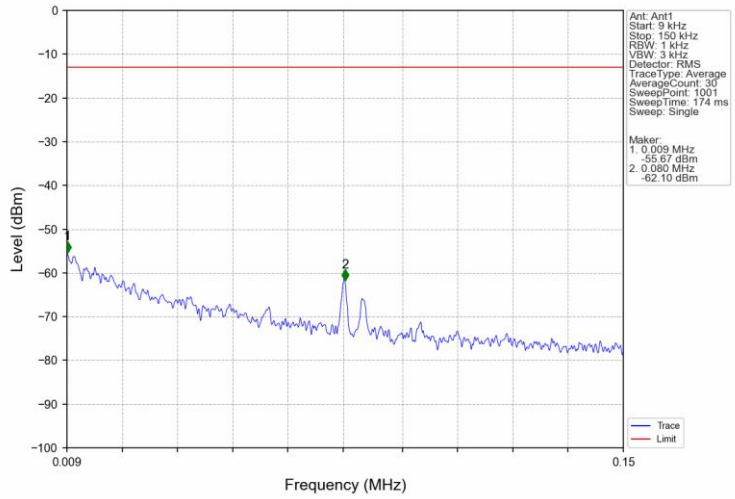
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



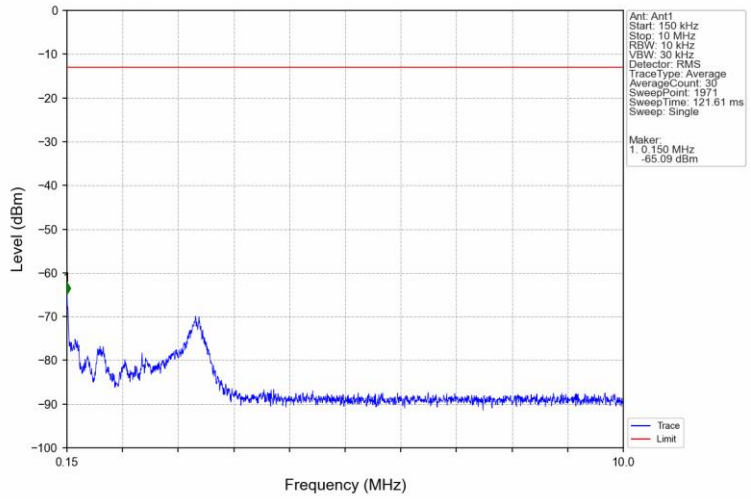
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



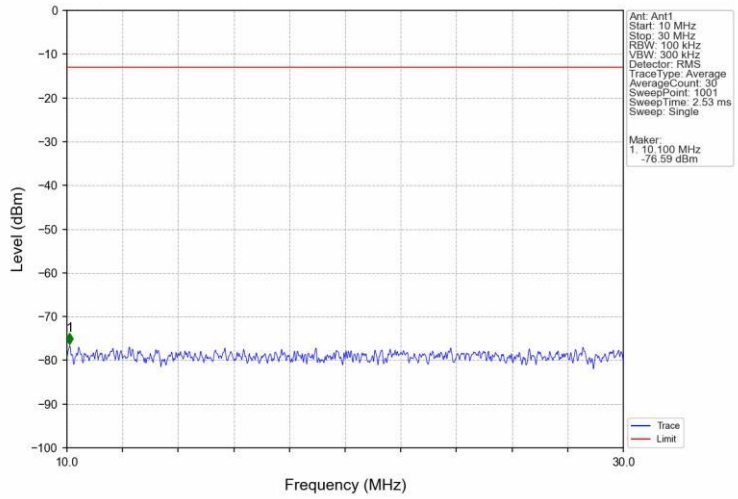
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



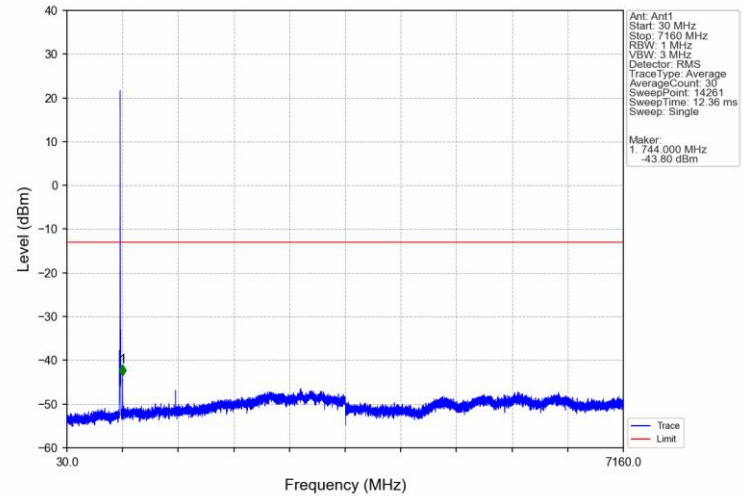
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



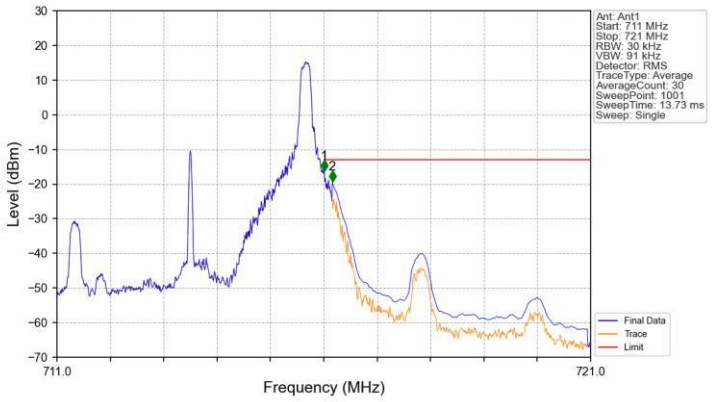
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

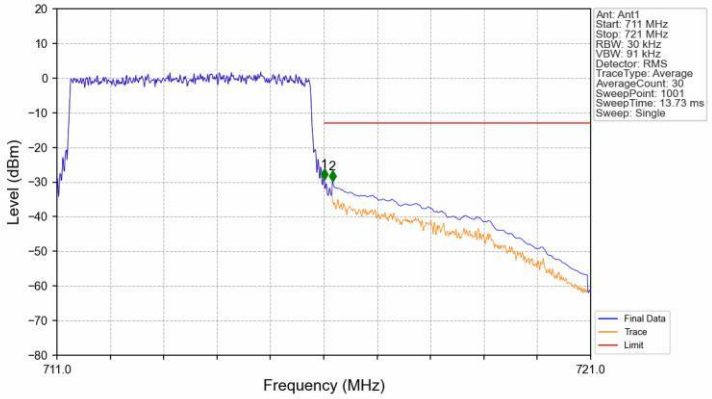


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.010	-16.15	-13	Pass
716.1	721	0.1	CHP	2	716.160	-19.37	-13	Pass

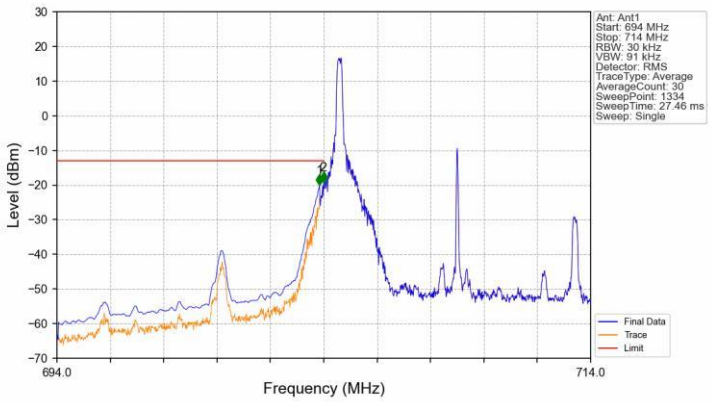
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.010	-29.35	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.80	-13	Pass

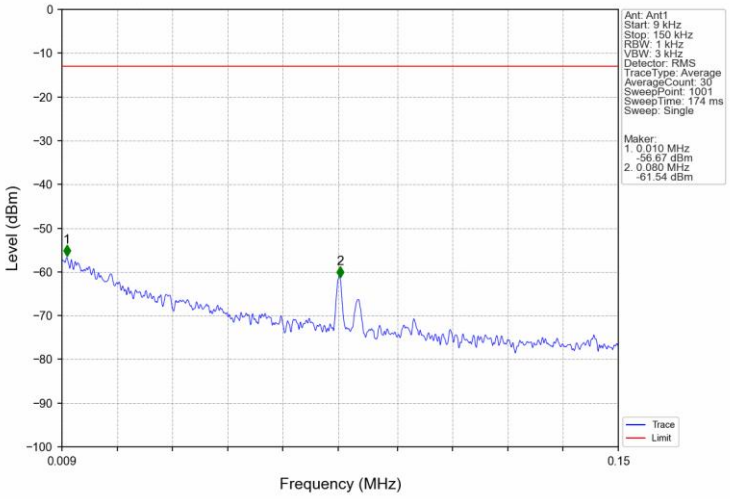
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

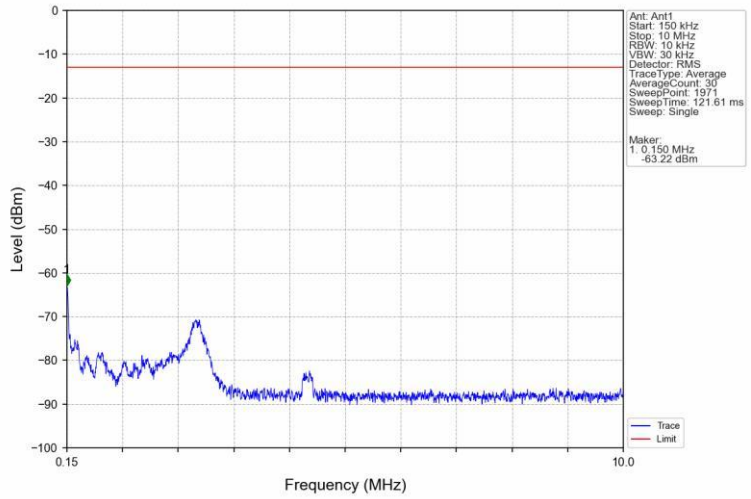


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-20.09	-13	Pass
703.9	704	0.03	/	2	703.992	-19.37	-13	Pass
704	714	0.03	/	/	/	/	/	/

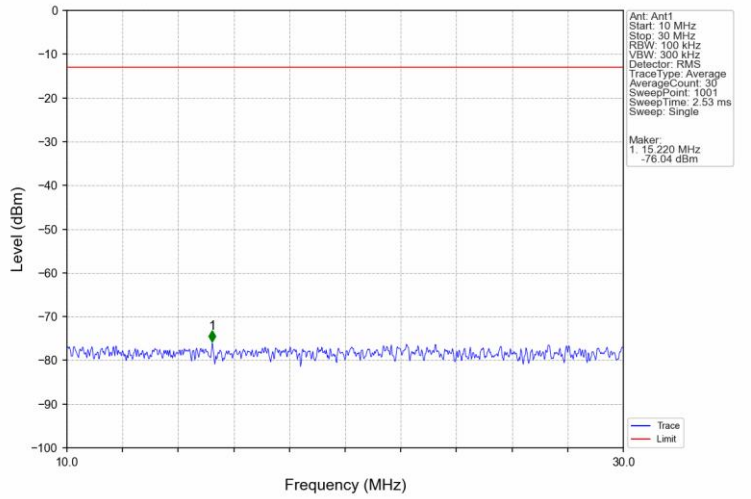
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



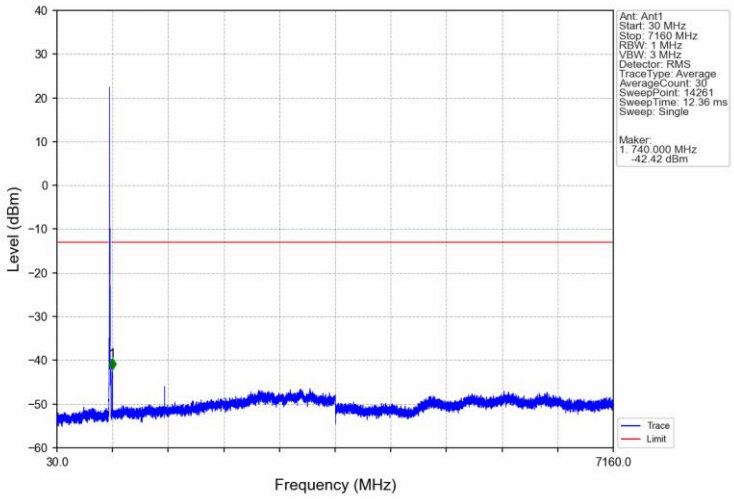
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



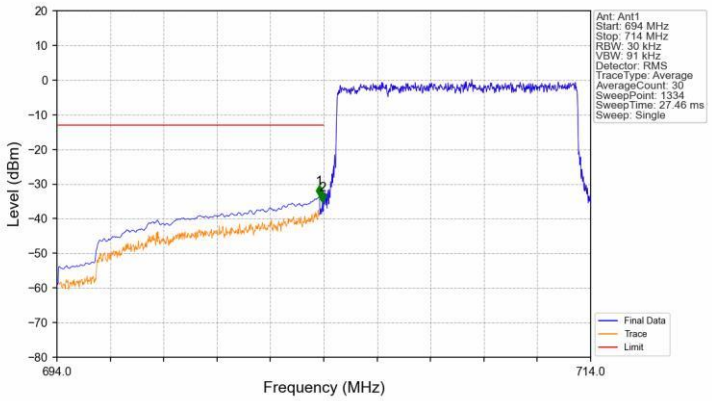
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

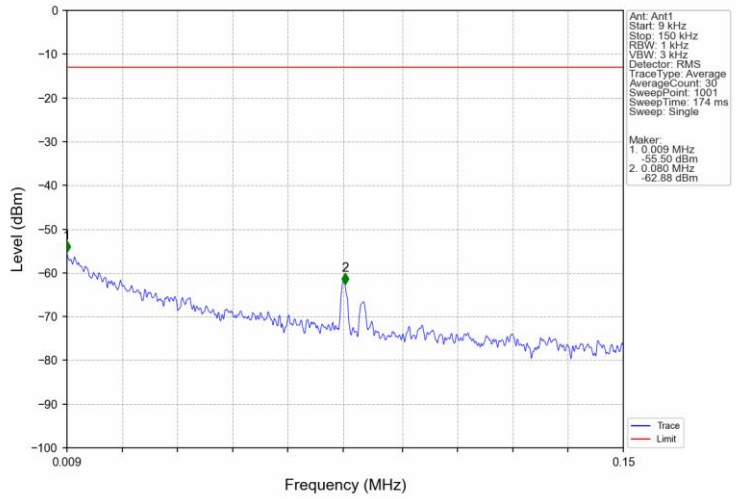


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

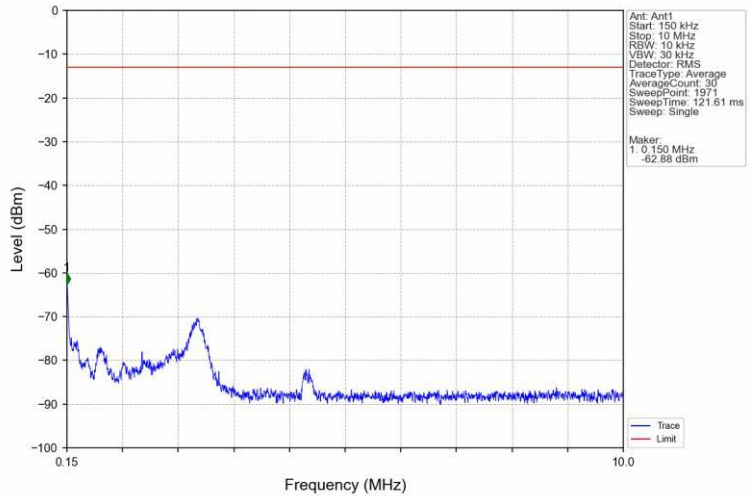


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.827	-33.44	-13	Pass
703.9	704	0.03	/	2	703.947	-35.31	-13	Pass
704	714	0.03	/	/	/	/	/	/

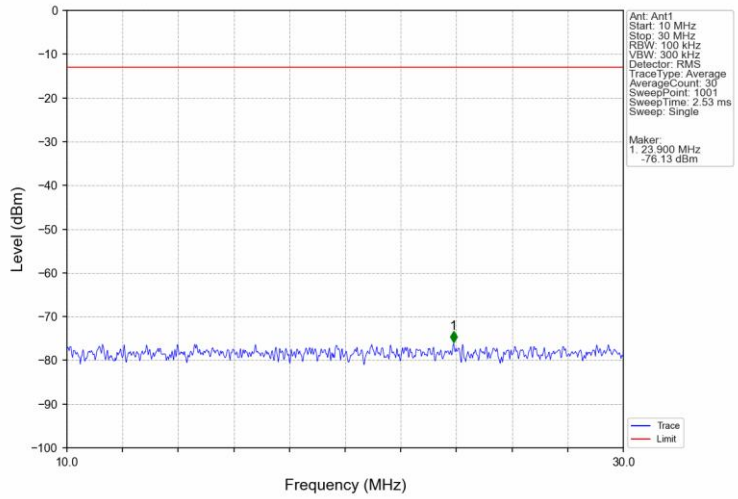
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



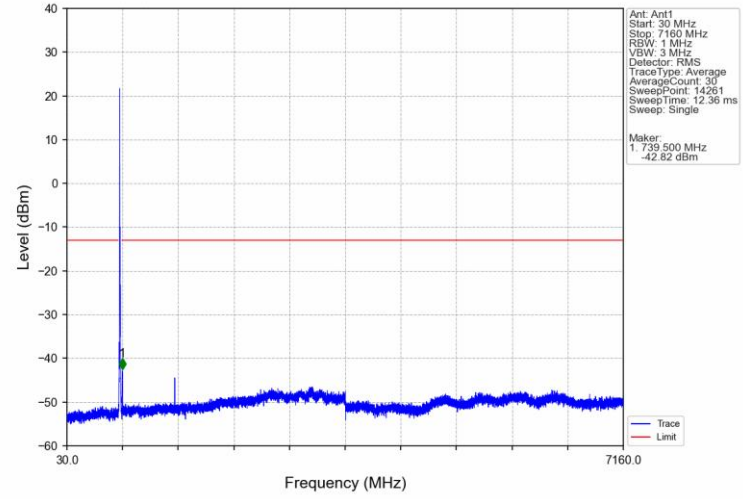
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



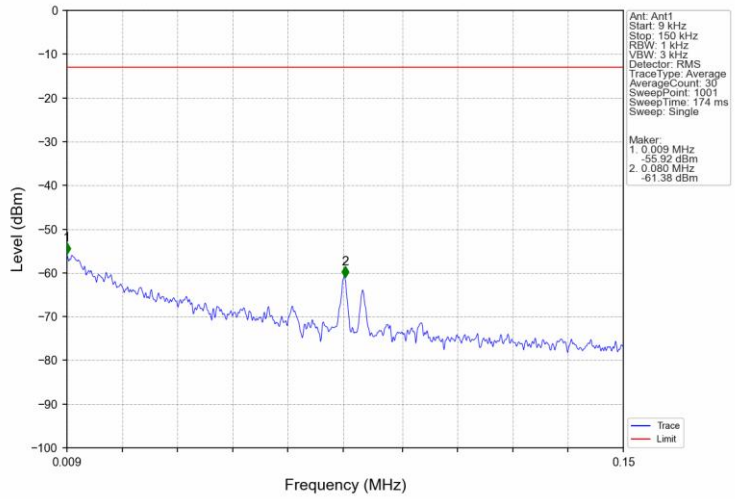
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



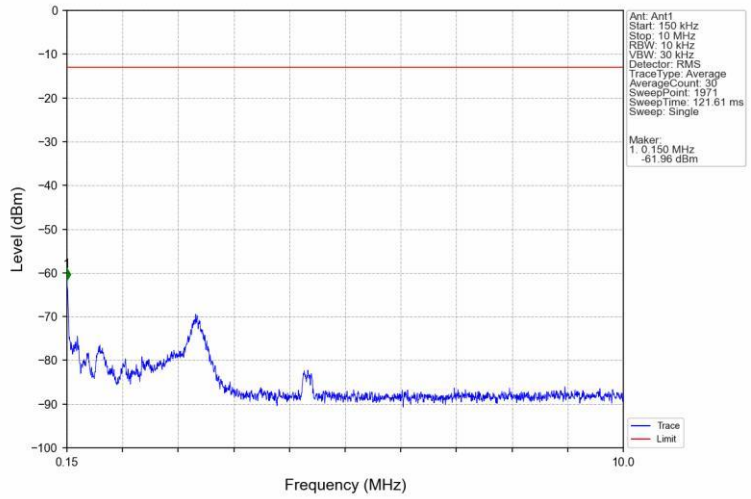
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



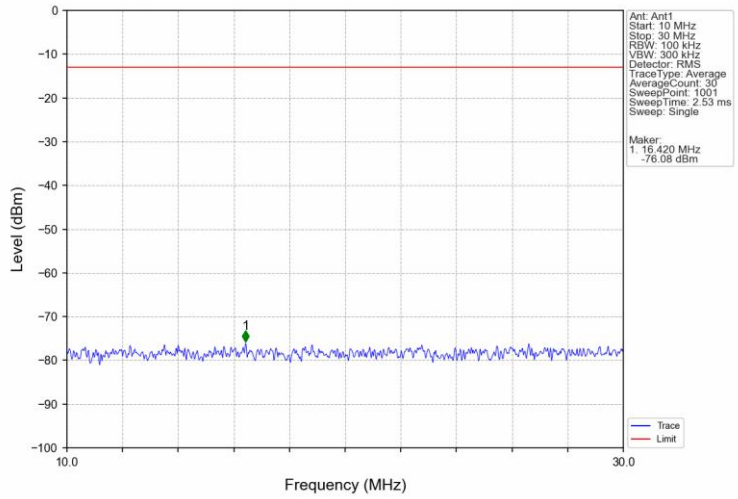
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



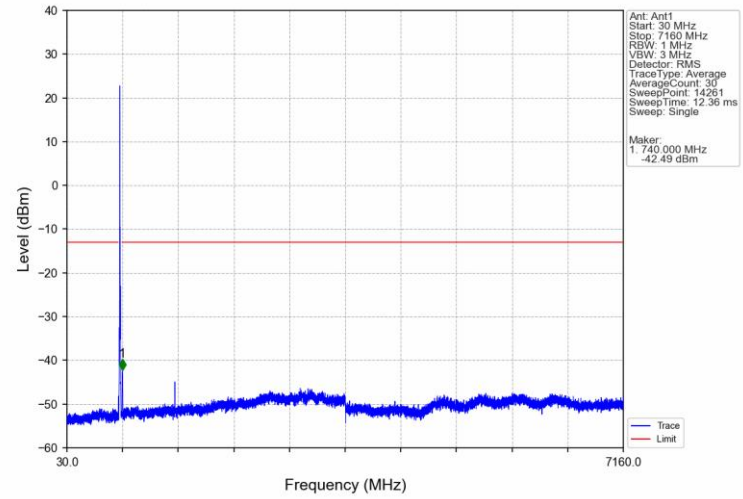
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



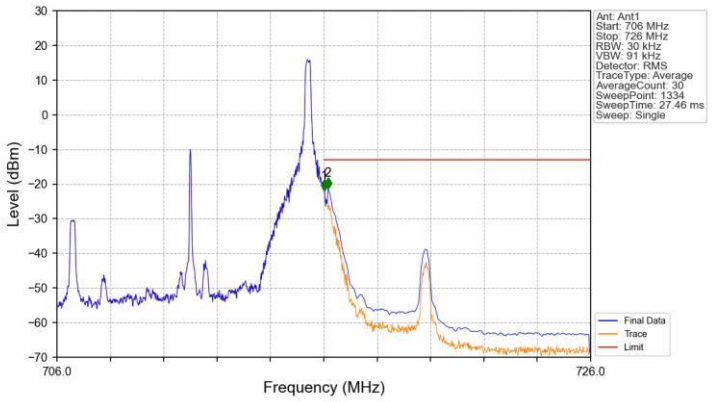
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

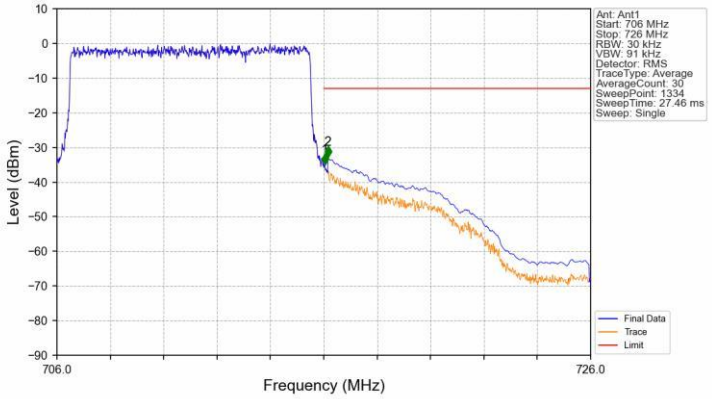


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



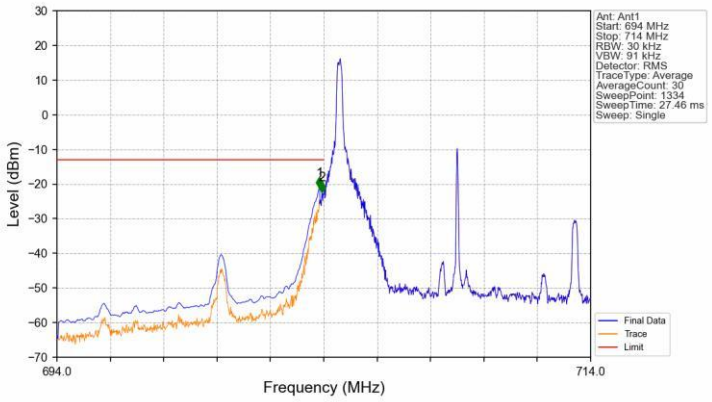
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-21.81	-13	Pass
716.1	726	0.1	CHP	2	716.158	-21.22	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



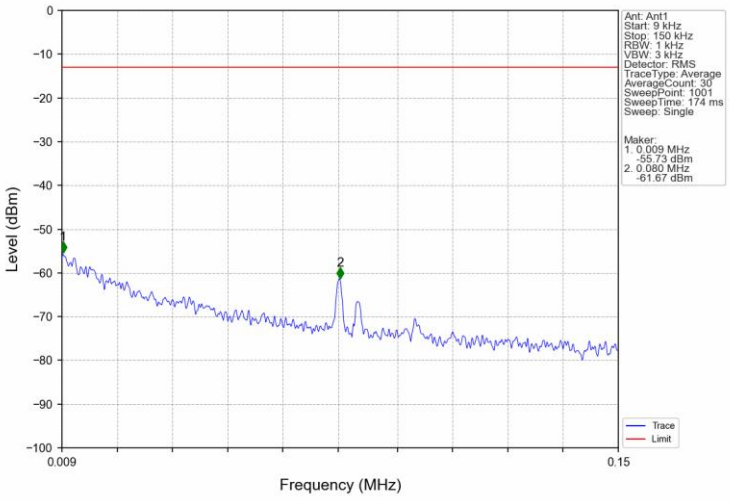
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-34.89	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.76	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

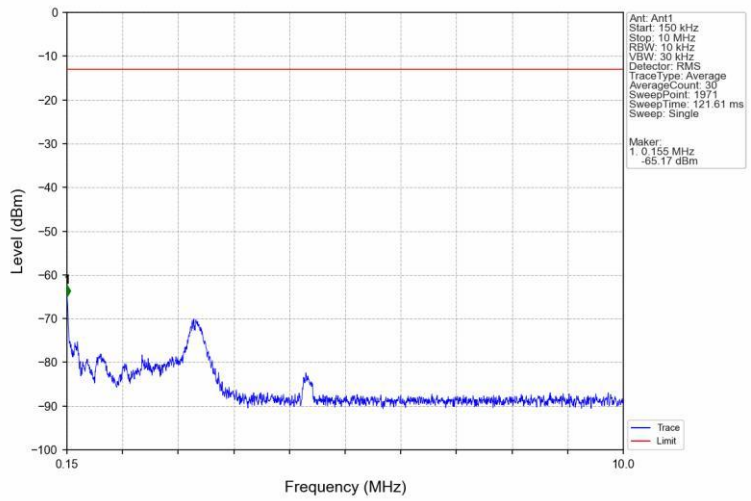


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-21.06	-13	Pass
703.9	704	0.03	/	2	703.932	-22.37	-13	Pass
704	714	0.03	/	/	/	/	/	/

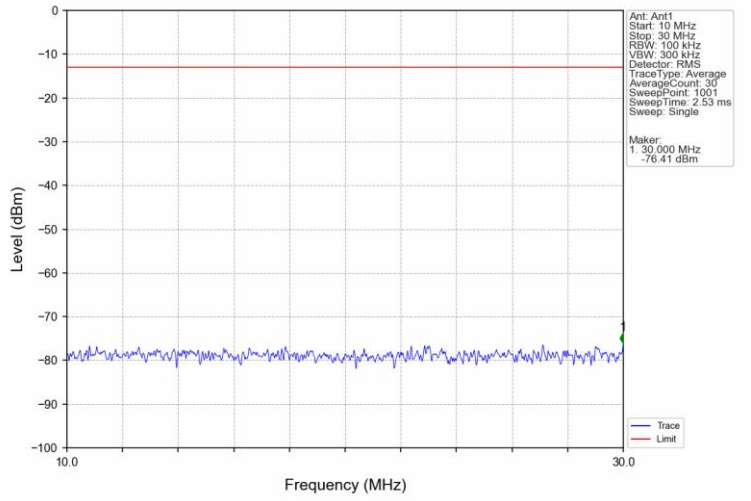
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



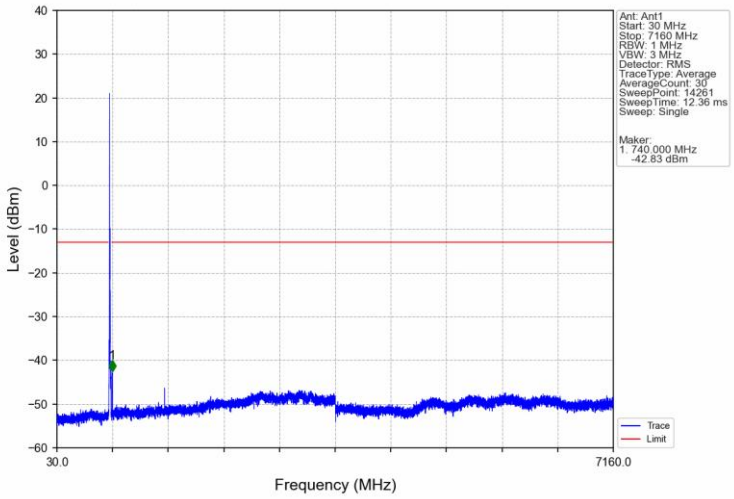
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



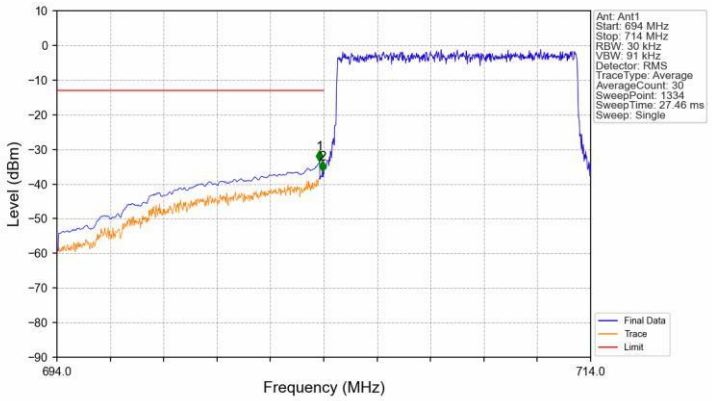
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

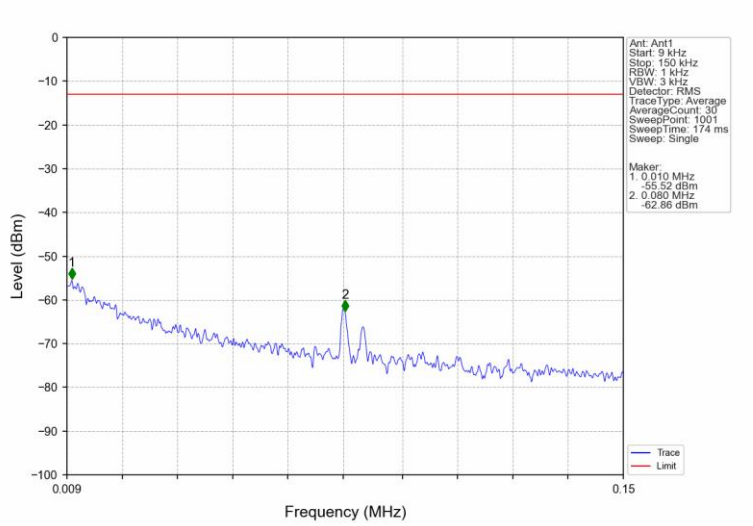


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

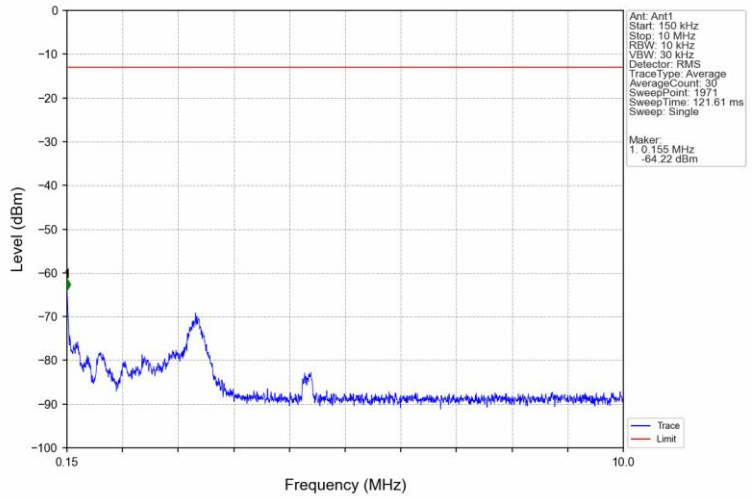


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-33.49	-13	Pass
703.9	704	0.03	/	2	703.947	-36.37	-13	Pass
704	714	0.03	/	/	/	/	/	/

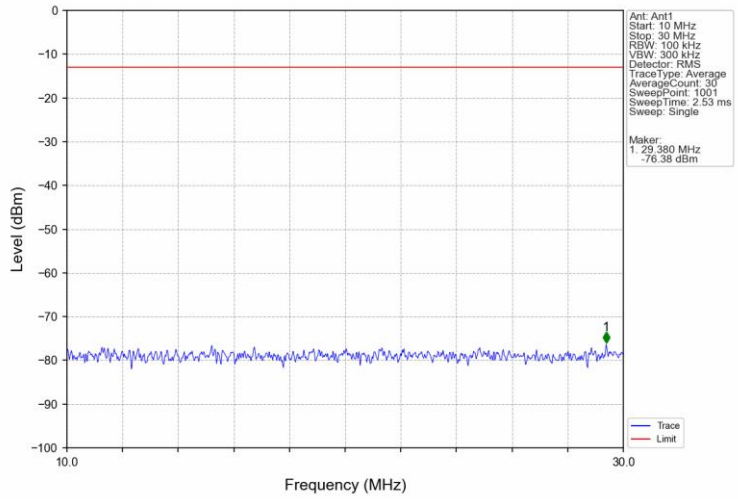
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



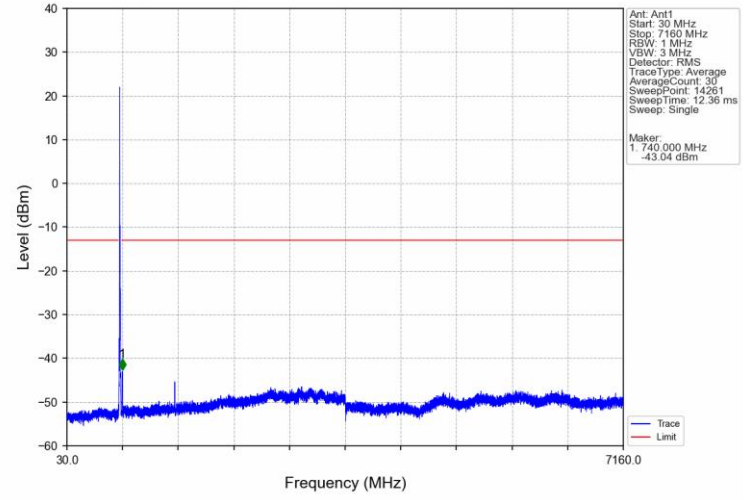
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



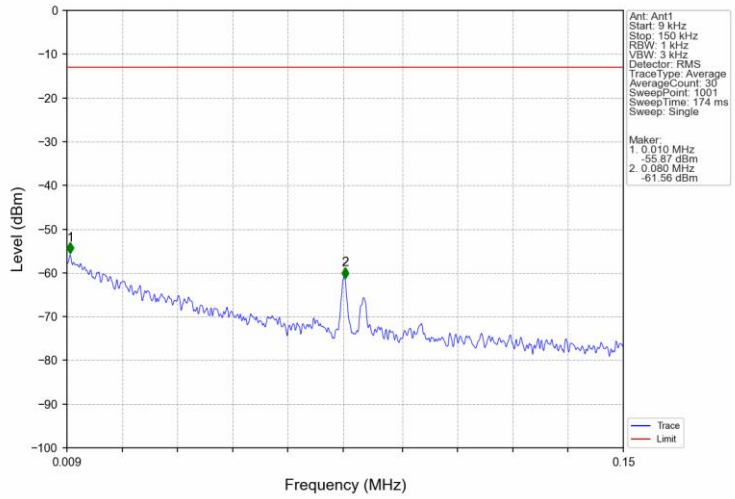
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



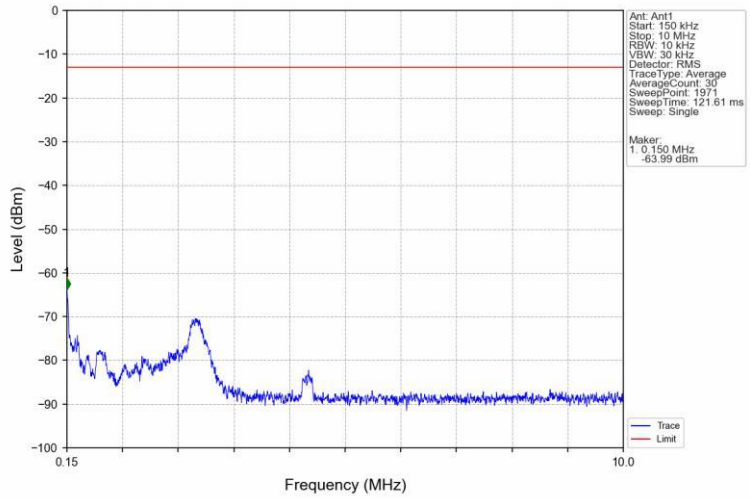
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



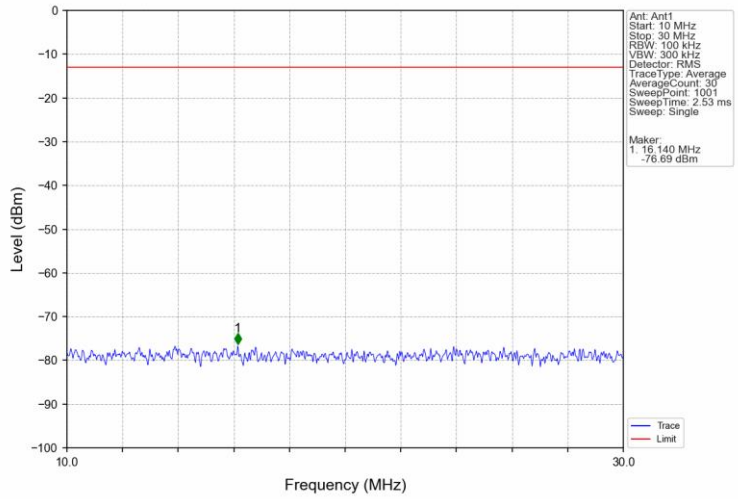
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



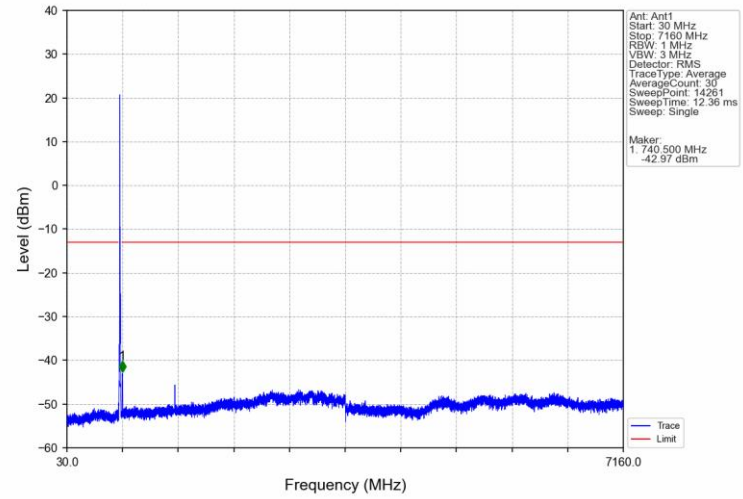
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



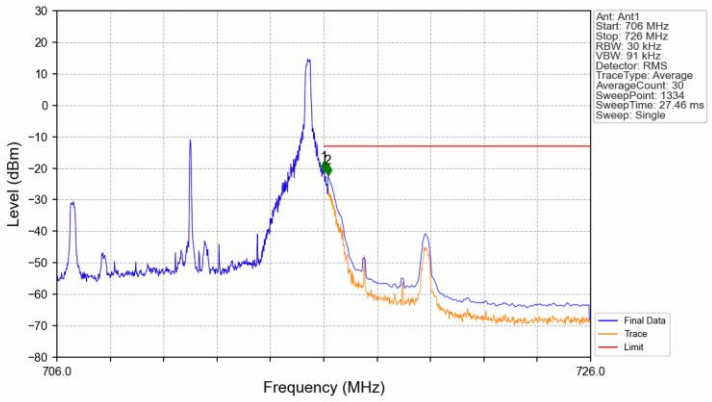
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

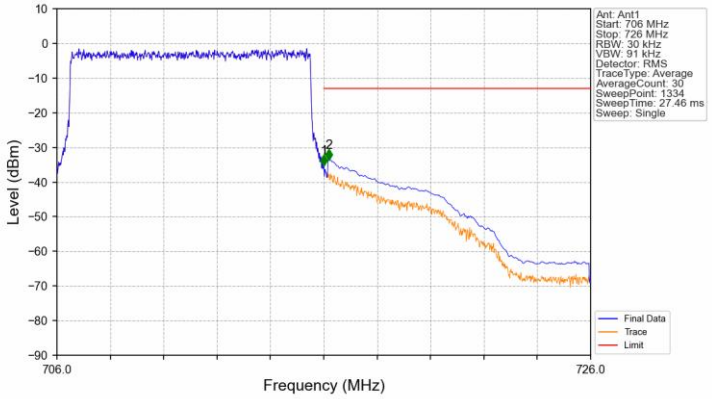


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	-20.99	-13	Pass
716.1	726	0.1	CHP	2	716.158	-22.23	-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	-35.29	-13	Pass
716.1	726	0.1	CHP	2	716.188	-33.60	-13	Pass