

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.72	0.34	21.91	<=34.77	Pass
			13	23.64	0.34	21.83	<=34.77	Pass
			24	23.38	0.34	21.57	<=34.77	Pass
		12	0	22.62	0.34	20.81	<=34.77	Pass
			6	22.61	0.34	20.80	<=34.77	Pass
			13	22.46	0.34	20.65	<=34.77	Pass
		25	0	22.56	0.34	20.75	<=34.77	Pass
	710	1	0	23.76	0.34	21.95	<=34.77	Pass
			13	23.62	0.34	21.81	<=34.77	Pass
			24	23.29	0.34	21.48	<=34.77	Pass
		12	0	22.57	0.34	20.76	<=34.77	Pass
			6	22.53	0.34	20.72	<=34.77	Pass
			13	22.52	0.34	20.71	<=34.77	Pass
		25	0	22.49	0.34	20.68	<=34.77	Pass
	713.5	1	0	23.41	0.34	21.60	<=34.77	Pass
			13	23.41	0.34	21.60	<=34.77	Pass
			24	23.30	0.34	21.49	<=34.77	Pass
		12	0	22.51	0.34	20.70	<=34.77	Pass
			6	22.50	0.34	20.69	<=34.77	Pass
			13	22.38	0.34	20.57	<=34.77	Pass
		25	0	22.43	0.34	20.62	<=34.77	Pass
16QAM	706.5	1	0	22.13	0.34	20.32	<=34.77	Pass
			13	22.29	0.34	20.48	<=34.77	Pass
			24	21.61	0.34	19.80	<=34.77	Pass
		12	0	21.68	0.34	19.87	<=34.77	Pass
			6	21.64	0.34	19.83	<=34.77	Pass
			13	21.58	0.34	19.77	<=34.77	Pass
		25	0	21.44	0.34	19.63	<=34.77	Pass
	710	1	0	22.49	0.34	20.68	<=34.77	Pass
			13	22.32	0.34	20.51	<=34.77	Pass
			24	22.16	0.34	20.35	<=34.77	Pass
		12	0	21.47	0.34	19.66	<=34.77	Pass
			6	21.57	0.34	19.76	<=34.77	Pass
			13	21.32	0.34	19.51	<=34.77	Pass
		25	0	21.41	0.34	19.60	<=34.77	Pass
	713.5	1	0	22.32	0.34	20.51	<=34.77	Pass
			13	22.43	0.34	20.62	<=34.77	Pass
			24	21.95	0.34	20.14	<=34.77	Pass
		12	0	21.62	0.34	19.81	<=34.77	Pass
			6	21.43	0.34	19.62	<=34.77	Pass
			13	21.37	0.34	19.56	<=34.77	Pass
		25	0	21.54	0.34	19.73	<=34.77	Pass
64QAM	706.5	1	0	21.80	0.34	19.99	<=34.77	Pass
			13	22.11	0.34	20.30	<=34.77	Pass
			24	21.93	0.34	20.12	<=34.77	Pass
		12	0	21.40	0.34	19.59	<=34.77	Pass
			6	21.35	0.34	19.54	<=34.77	Pass
			13	21.24	0.34	19.43	<=34.77	Pass
		25	0	21.46	0.34	19.65	<=34.77	Pass

	710	1	0	22.17	0.34	20.36	<=34.77	Pass
			13	22.26	0.34	20.45	<=34.77	Pass
			24	21.60	0.34	19.79	<=34.77	Pass
		12	0	21.27	0.34	19.46	<=34.77	Pass
			6	21.24	0.34	19.43	<=34.77	Pass
			13	21.13	0.34	19.32	<=34.77	Pass
	713.5	25	0	21.38	0.34	19.57	<=34.77	Pass
		1	0	22.16	0.34	20.35	<=34.77	Pass
			13	22.29	0.34	20.48	<=34.77	Pass
			24	21.40	0.34	19.59	<=34.77	Pass
		12	0	21.30	0.34	19.49	<=34.77	Pass
			6	21.33	0.34	19.52	<=34.77	Pass
			13	21.22	0.34	19.41	<=34.77	Pass
		25	0	21.42	0.34	19.61	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B17_10MHz_ERP

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	23.86	0.34	22.05	<=34.77	Pass
			25	23.85	0.34	22.04	<=34.77	Pass
			49	23.32	0.34	21.51	<=34.77	Pass
		25	0	22.62	0.34	20.81	<=34.77	Pass
			13	22.56	0.34	20.75	<=34.77	Pass
			25	22.50	0.34	20.69	<=34.77	Pass
		50	0	22.58	0.34	20.77	<=34.77	Pass
	710	1	0	23.78	0.34	21.97	<=34.77	Pass
			25	23.76	0.34	21.95	<=34.77	Pass
			49	23.35	0.34	21.54	<=34.77	Pass
		25	0	22.61	0.34	20.80	<=34.77	Pass
			13	22.52	0.34	20.71	<=34.77	Pass
			25	22.44	0.34	20.63	<=34.77	Pass
		50	0	22.53	0.34	20.72	<=34.77	Pass
	711	1	0	23.70	0.34	21.89	<=34.77	Pass
			25	23.69	0.34	21.88	<=34.77	Pass
			49	23.35	0.34	21.54	<=34.77	Pass
		25	0	22.60	0.34	20.79	<=34.77	Pass
			13	22.51	0.34	20.70	<=34.77	Pass
			25	22.43	0.34	20.62	<=34.77	Pass
		50	0	22.49	0.34	20.68	<=34.77	Pass
16QAM	709	1	0	22.74	0.34	20.93	<=34.77	Pass
			25	22.39	0.34	20.58	<=34.77	Pass
			49	22.10	0.34	20.29	<=34.77	Pass
		25	0	21.43	0.34	19.62	<=34.77	Pass
			13	21.44	0.34	19.63	<=34.77	Pass
			25	21.39	0.34	19.58	<=34.77	Pass
		50	0	21.58	0.34	19.77	<=34.77	Pass
	710	1	0	22.62	0.34	20.81	<=34.77	Pass
			25	22.41	0.34	20.60	<=34.77	Pass
			49	22.04	0.34	20.23	<=34.77	Pass
		25	0	21.68	0.34	19.87	<=34.77	Pass
			13	21.35	0.34	19.54	<=34.77	Pass
			25	21.30	0.34	19.49	<=34.77	Pass
		50	0	21.45	0.34	19.64	<=34.77	Pass
	711	1	0	22.51	0.34	20.70	<=34.77	Pass

			25	22.71	0.34	20.90	<=34.77	Pass
			49	21.99	0.34	20.18	<=34.77	Pass
		25	0	21.60	0.34	19.79	<=34.77	Pass
			13	21.55	0.34	19.74	<=34.77	Pass
			25	21.50	0.34	19.69	<=34.77	Pass
		50	0	21.51	0.34	19.70	<=34.77	Pass
64QAM	709	1	0	22.23	0.34	20.42	<=34.77	Pass
			25	22.23	0.34	20.42	<=34.77	Pass
			49	21.49	0.34	19.68	<=34.77	Pass
		25	0	21.64	0.34	19.83	<=34.77	Pass
			13	21.58	0.34	19.77	<=34.77	Pass
			25	21.51	0.34	19.70	<=34.77	Pass
		50	0	21.58	0.34	19.77	<=34.77	Pass
	710	1	0	22.47	0.34	20.66	<=34.77	Pass
			25	22.51	0.34	20.70	<=34.77	Pass
			49	21.82	0.34	20.01	<=34.77	Pass
		25	0	21.61	0.34	19.80	<=34.77	Pass
			13	21.63	0.34	19.82	<=34.77	Pass
			25	21.43	0.34	19.62	<=34.77	Pass
		50	0	21.54	0.34	19.73	<=34.77	Pass
	711	1	0	22.17	0.34	20.36	<=34.77	Pass
			25	22.47	0.34	20.66	<=34.77	Pass
			49	21.80	0.34	19.99	<=34.77	Pass
		25	0	21.66	0.34	19.85	<=34.77	Pass
			13	21.53	0.34	19.72	<=34.77	Pass
			25	21.54	0.34	19.73	<=34.77	Pass
		50	0	21.51	0.34	19.70	<=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	20.4	4.100	0.0058	-2.5 to 2.5	Pass
					24	2.700	0.0038	-2.5 to 2.5	Pass
					27.6	2.100	0.0030	-2.5 to 2.5	Pass
				-30	24	2.500	0.0035	-2.5 to 2.5	Pass
				-20	24	2.600	0.0037	-2.5 to 2.5	Pass
				-10	24	2.300	0.0033	-2.5 to 2.5	Pass
				0	24	3.300	0.0047	-2.5 to 2.5	Pass
				10	24	3.000	0.0042	-2.5 to 2.5	Pass
				30	24	0.600	0.0008	-2.5 to 2.5	Pass
				40	24	3.600	0.0051	-2.5 to 2.5	Pass
				50	24	3.400	0.0048	-2.5 to 2.5	Pass
	710	25	0	20	20.4	4.500	0.0063	-2.5 to 2.5	Pass
					24	4.700	0.0066	-2.5 to 2.5	Pass
					27.6	4.200	0.0059	-2.5 to 2.5	Pass
				-30	24	4.200	0.0059	-2.5 to 2.5	Pass
				-20	24	5.600	0.0079	-2.5 to 2.5	Pass
				-10	24	4.500	0.0063	-2.5 to 2.5	Pass
				0	24	4.400	0.0062	-2.5 to 2.5	Pass
				10	24	4.300	0.0061	-2.5 to 2.5	Pass
				30	24	2.600	0.0037	-2.5 to 2.5	Pass
				40	24	5.200	0.0073	-2.5 to 2.5	Pass
				50	24	5.000	0.0070	-2.5 to 2.5	Pass
	713.5	25	0	20	20.4	1.400	0.0020	-2.5 to 2.5	Pass
					24	-0.700	-0.0010	-2.5 to 2.5	Pass
					27.6	1.600	0.0022	-2.5 to 2.5	Pass
				-30	24	2.200	0.0031	-2.5 to 2.5	Pass
				-20	24	2.400	0.0034	-2.5 to 2.5	Pass
				-10	24	0.600	0.0008	-2.5 to 2.5	Pass
				0	24	-0.800	-0.0011	-2.5 to 2.5	Pass
				10	24	1.300	0.0018	-2.5 to 2.5	Pass
				30	24	-0.500	-0.0007	-2.5 to 2.5	Pass
				40	24	2.200	0.0031	-2.5 to 2.5	Pass
				50	24	2.900	0.0041	-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	20.4	1.600	0.0023	-2.5 to 2.5	Pass
					24	0.200	0.0003	-2.5 to 2.5	Pass
					27.6	3.500	0.0049	-2.5 to 2.5	Pass
				-30	24	0.800	0.0011	-2.5 to 2.5	Pass
				-20	24	1.500	0.0021	-2.5 to 2.5	Pass
				-10	24	2.000	0.0028	-2.5 to 2.5	Pass
				0	24	0.600	0.0008	-2.5 to 2.5	Pass
				10	24	1.300	0.0018	-2.5 to 2.5	Pass
				30	24	0.400	0.0006	-2.5 to 2.5	Pass
				40	24	1.300	0.0018	-2.5 to 2.5	Pass
				50	24	1.300	0.0018	-2.5 to 2.5	Pass
	710	50	0	20	20.4	2.700	0.0038	-2.5 to 2.5	Pass
					24	1.500	0.0021	-2.5 to 2.5	Pass
					27.6	4.100	0.0058	-2.5 to 2.5	Pass
				-30	24	1.900	0.0027	-2.5 to 2.5	Pass
				-20	24	2.500	0.0035	-2.5 to 2.5	Pass
				-10	24	2.100	0.0030	-2.5 to 2.5	Pass
				0	24	2.900	0.0041	-2.5 to 2.5	Pass
				10	24	1.300	0.0018	-2.5 to 2.5	Pass
				30	24	2.700	0.0038	-2.5 to 2.5	Pass
				40	24	4.300	0.0061	-2.5 to 2.5	Pass
				50	24	0.800	0.0011	-2.5 to 2.5	Pass
	711	50	0	20	20.4	-1.000	-0.0014	-2.5 to 2.5	Pass
					24	1.200	0.0017	-2.5 to 2.5	Pass
					27.6	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	24	0.200	0.0003	-2.5 to 2.5	Pass
				-20	24	1.600	0.0023	-2.5 to 2.5	Pass
				-10	24	0.300	0.0004	-2.5 to 2.5	Pass
				0	24	-0.900	-0.0013	-2.5 to 2.5	Pass
				10	24	2.300	0.0032	-2.5 to 2.5	Pass
				30	24	2.000	0.0028	-2.5 to 2.5	Pass
				40	24	0.700	0.0010	-2.5 to 2.5	Pass
				50	24	0.300	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band17_OBW

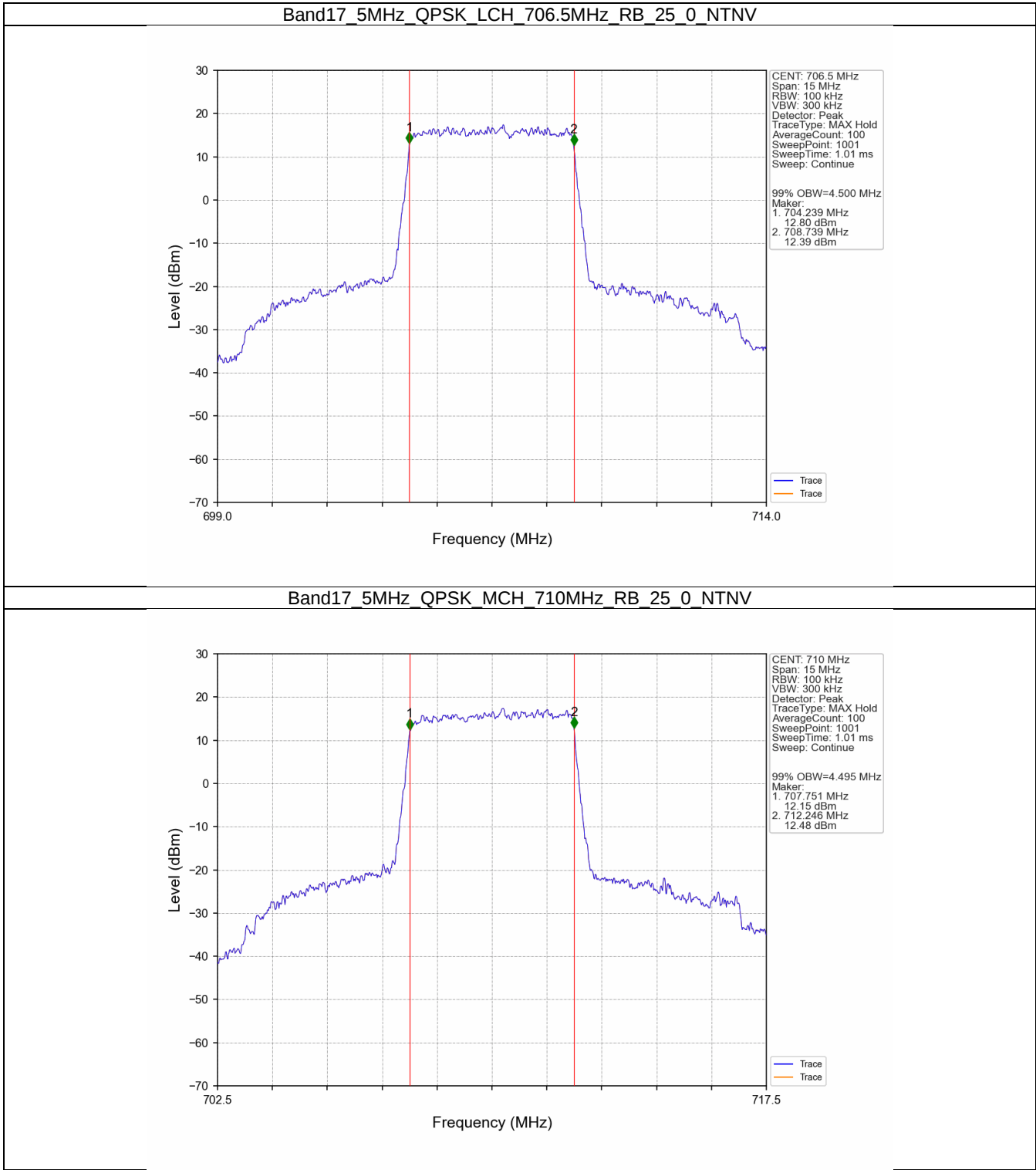
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.500	/	Pass
		710	25	0	4.495	/	Pass
		713.5	25	0	4.488	/	Pass
	16QAM	706.5	25	0	4.499	/	Pass
		710	25	0	4.496	/	Pass
		713.5	25	0	4.492	/	Pass
	64QAM	706.5	25	0	4.499	/	Pass
		710	25	0	4.496	/	Pass
		713.5	25	0	4.489	/	Pass
10	QPSK	709	50	0	8.989	/	Pass
		710	50	0	8.998	/	Pass
		711	50	0	8.993	/	Pass
	16QAM	709	50	0	8.976	/	Pass
		710	50	0	8.953	/	Pass
		711	50	0	8.954	/	Pass
	64QAM	709	50	0	8.997	/	Pass
		710	50	0	8.979	/	Pass
		711	50	0	8.949	/	Pass

3.1.2 Band17_XDB

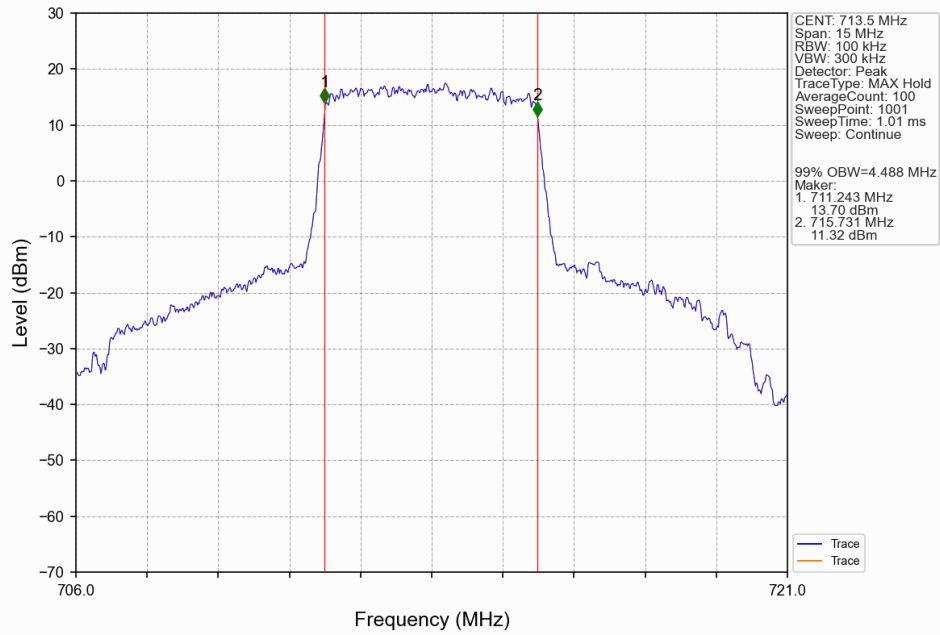
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.059	/	Pass
		710	25	0	5.010	/	Pass
		713.5	25	0	5.034	/	Pass
	16QAM	706.5	25	0	5.031	/	Pass
		710	25	0	5.016	/	Pass
		713.5	25	0	5.004	/	Pass
	64QAM	706.5	25	0	5.004	/	Pass
		710	25	0	4.974	/	Pass
		713.5	25	0	4.993	/	Pass
10	QPSK	709	50	0	9.901	/	Pass
		710	50	0	9.885	/	Pass
		711	50	0	9.904	/	Pass
	16QAM	709	50	0	9.836	/	Pass
		710	50	0	9.762	/	Pass
		711	50	0	9.851	/	Pass
	64QAM	709	50	0	9.884	/	Pass
		710	50	0	9.882	/	Pass
		711	50	0	9.878	/	Pass

3.2 Test Graph

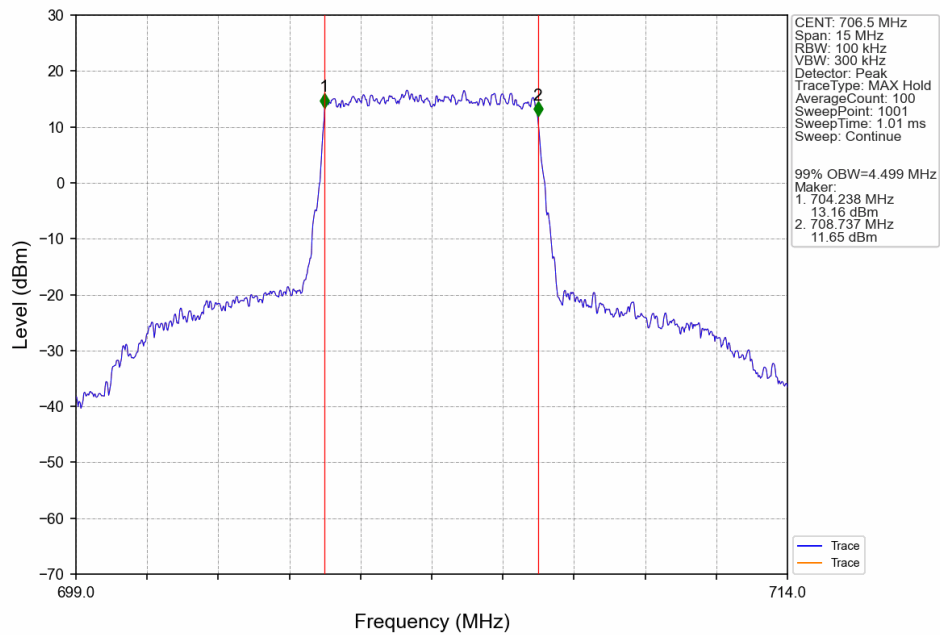
3.2.1 Band17_OBW



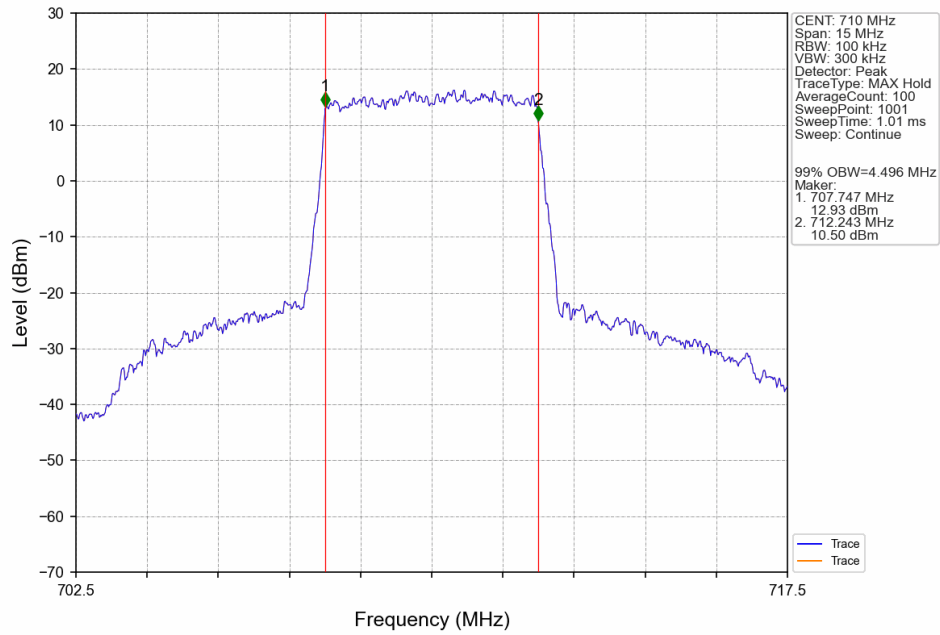
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



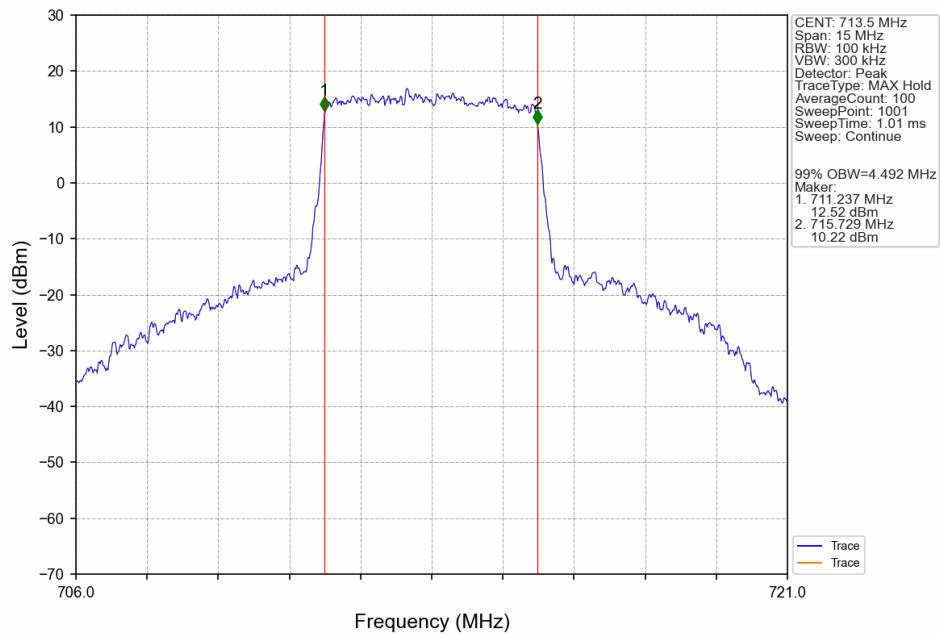
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



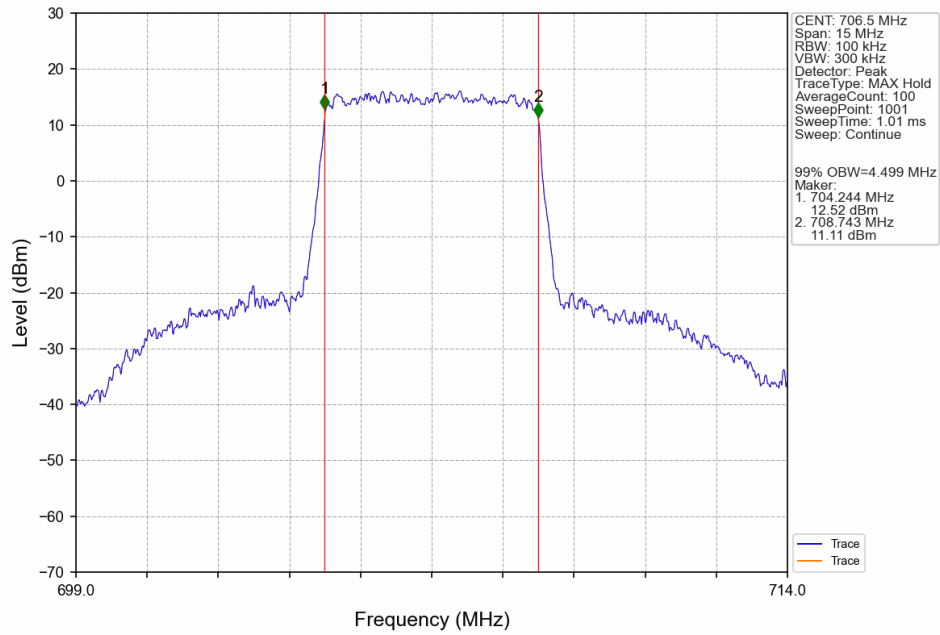
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



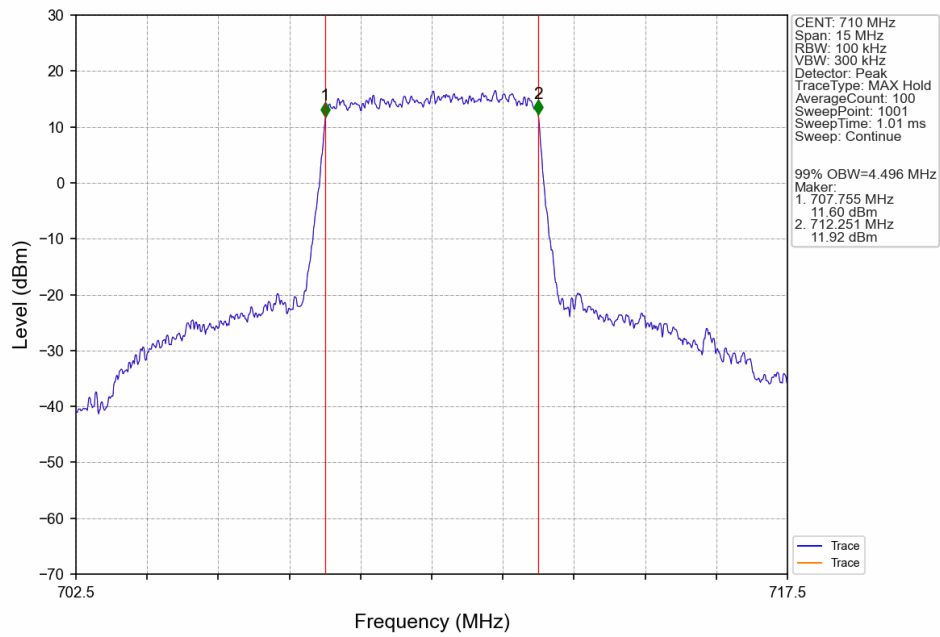
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



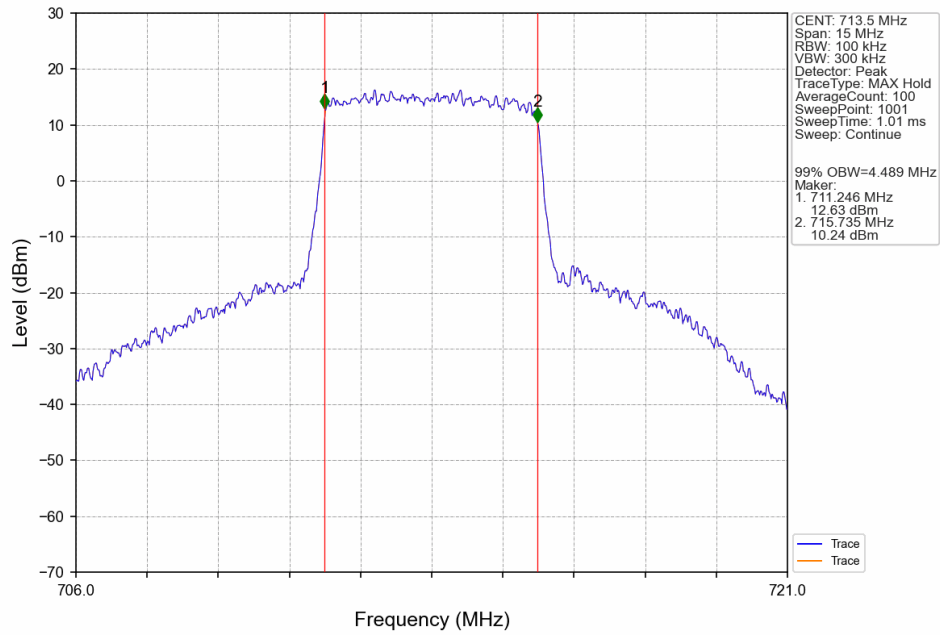
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



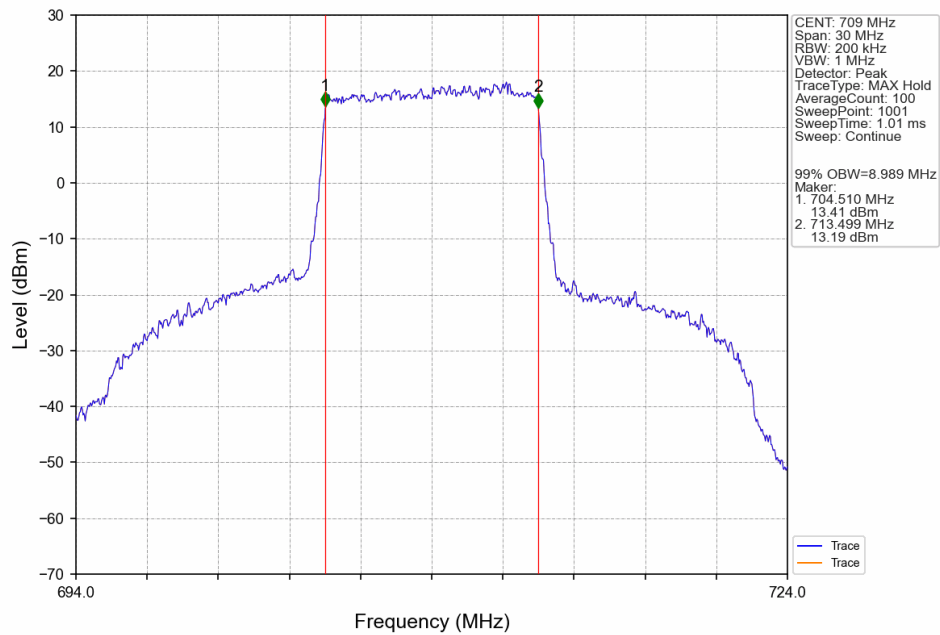
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



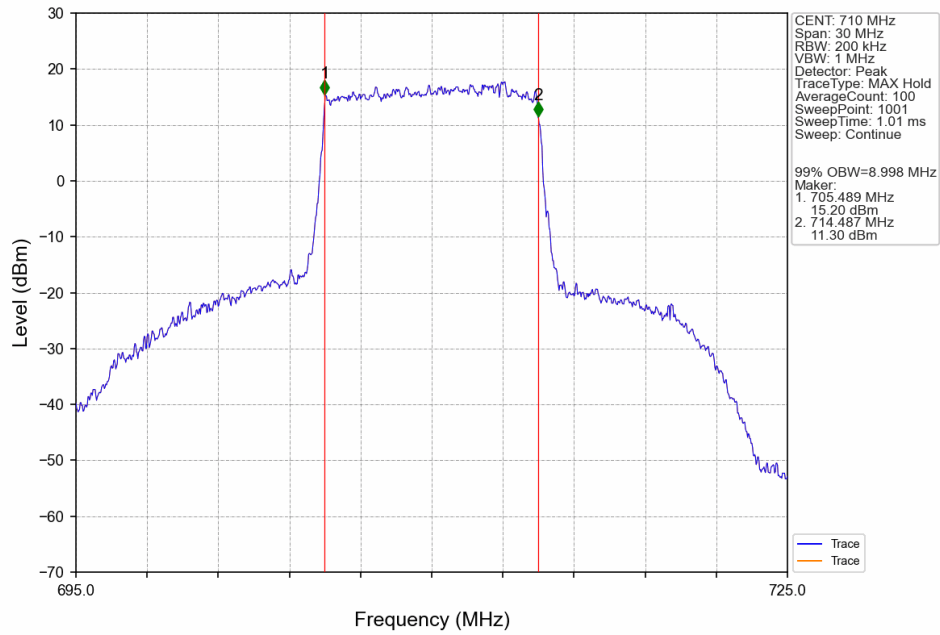
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



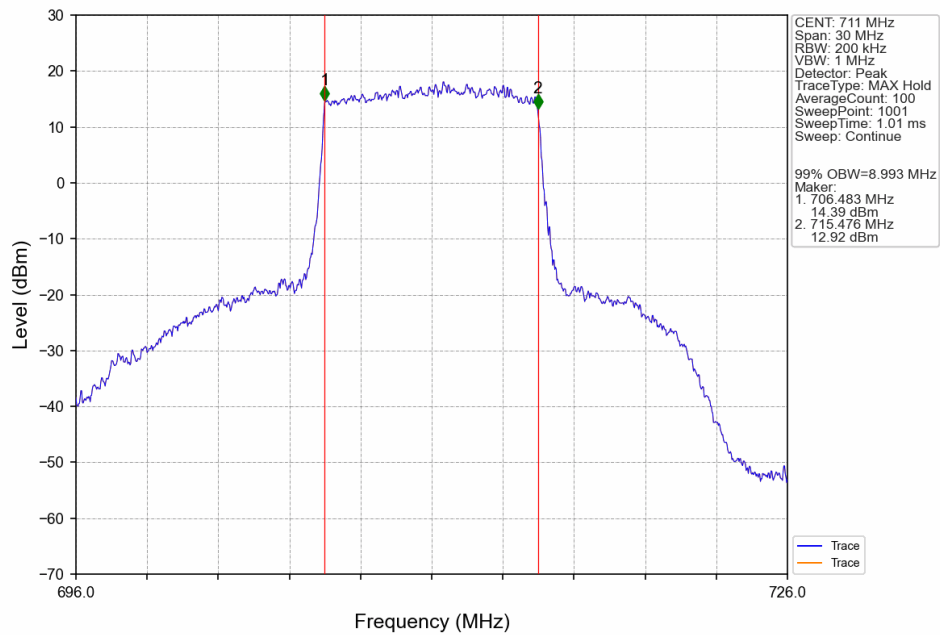
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



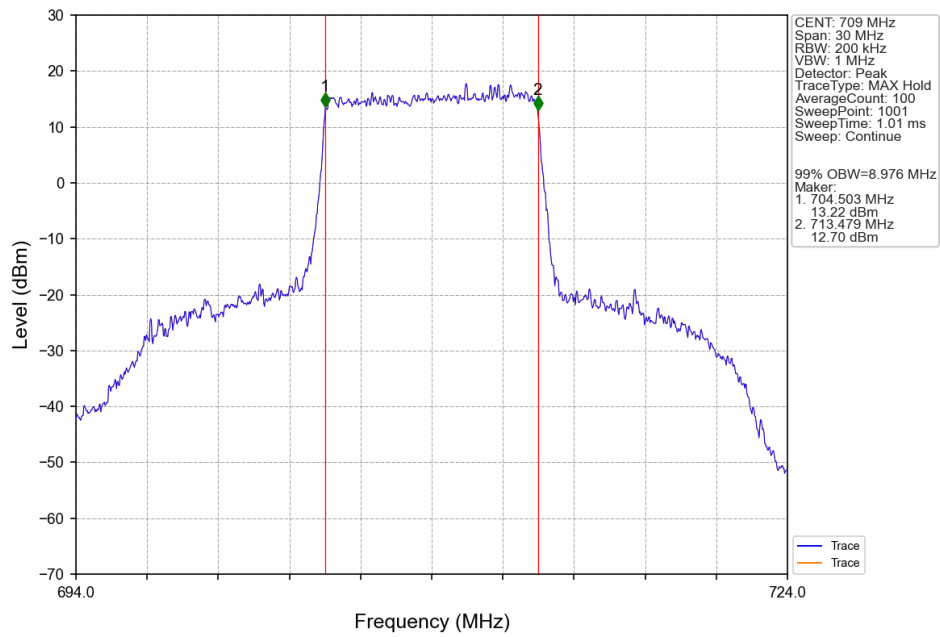
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



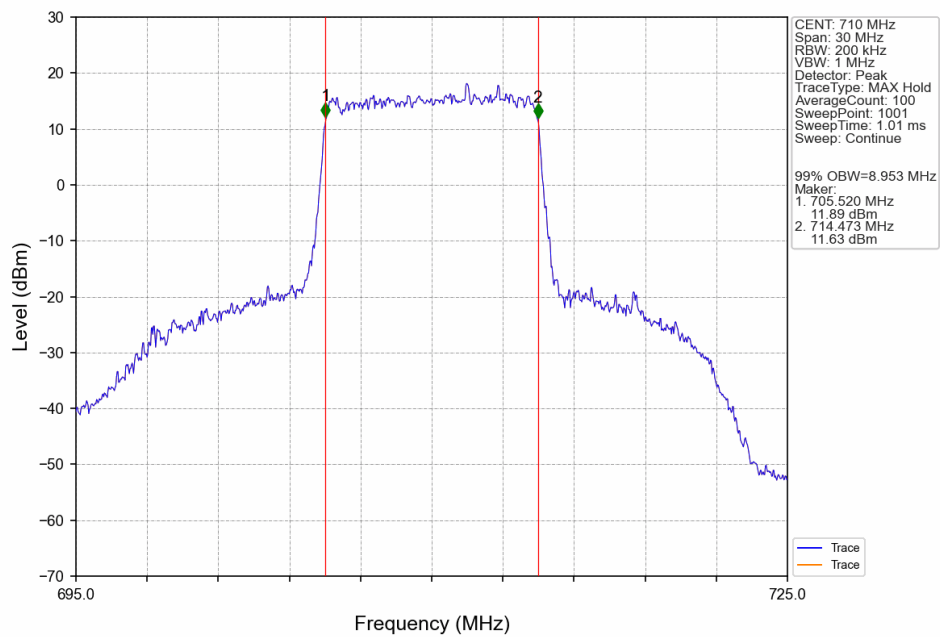
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



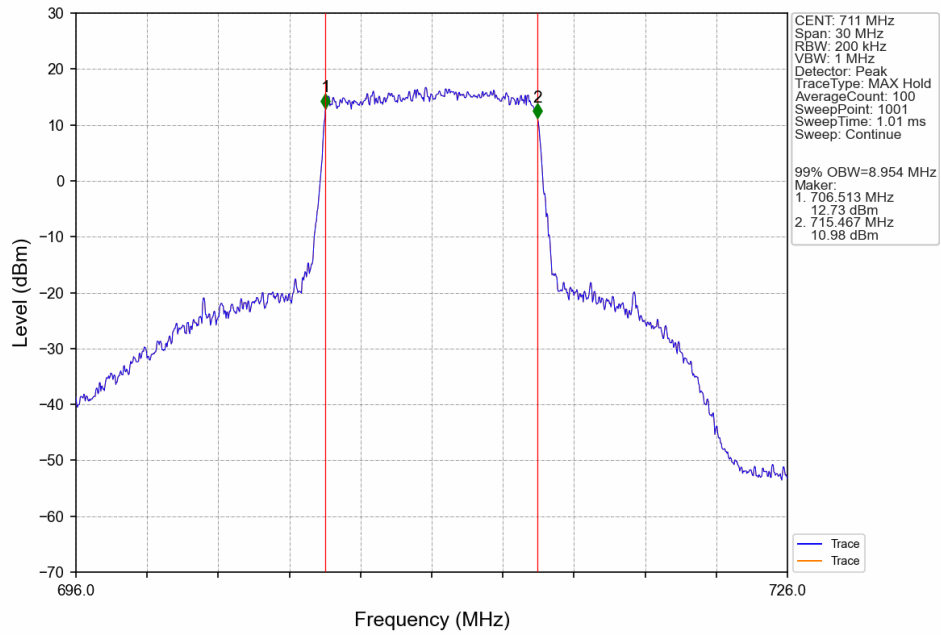
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



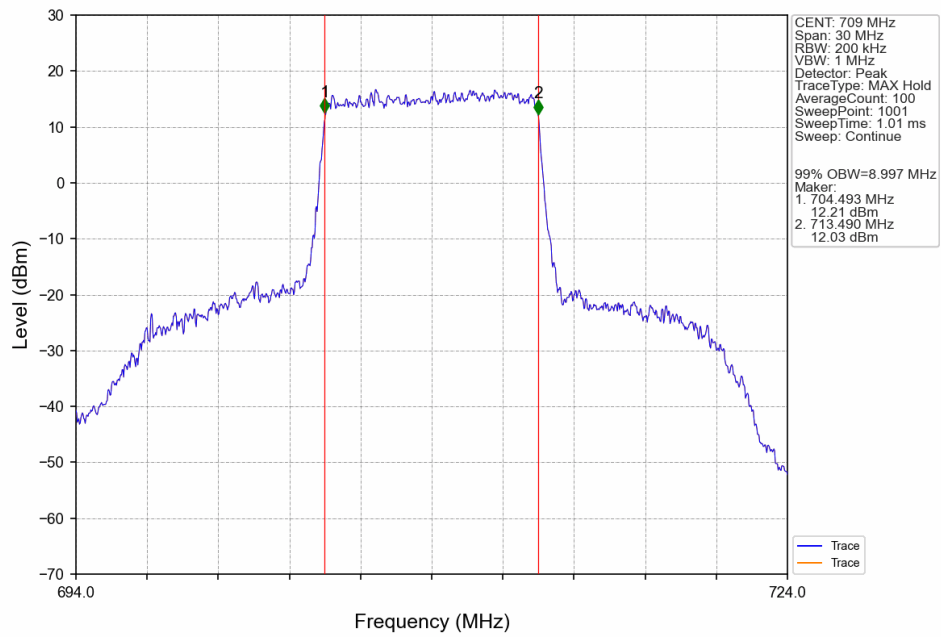
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



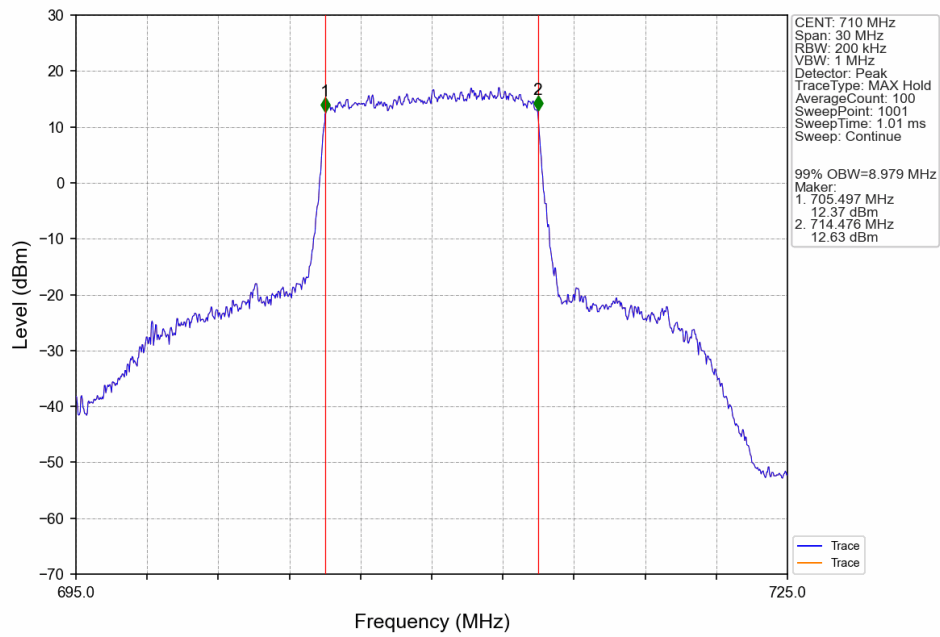
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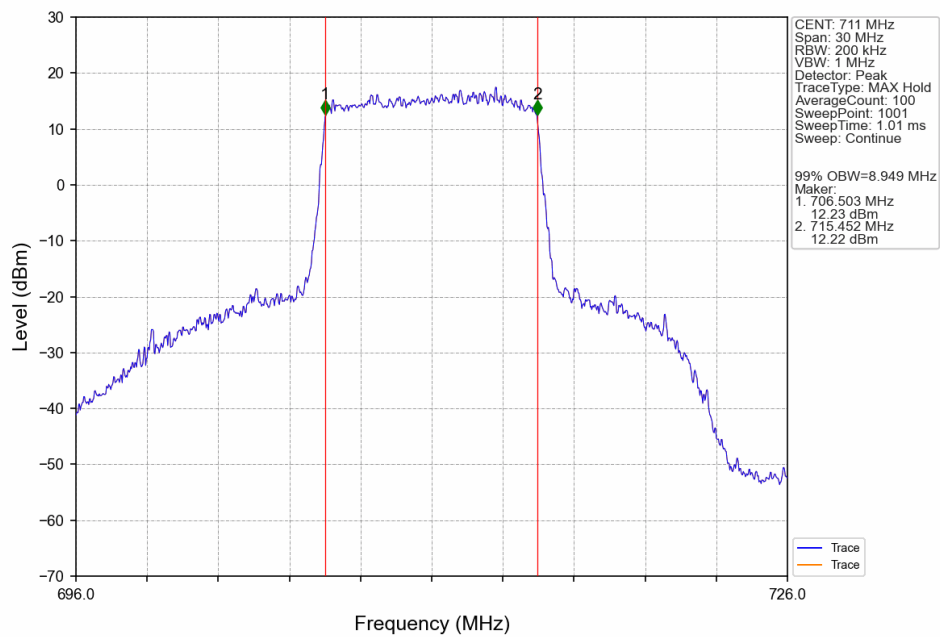
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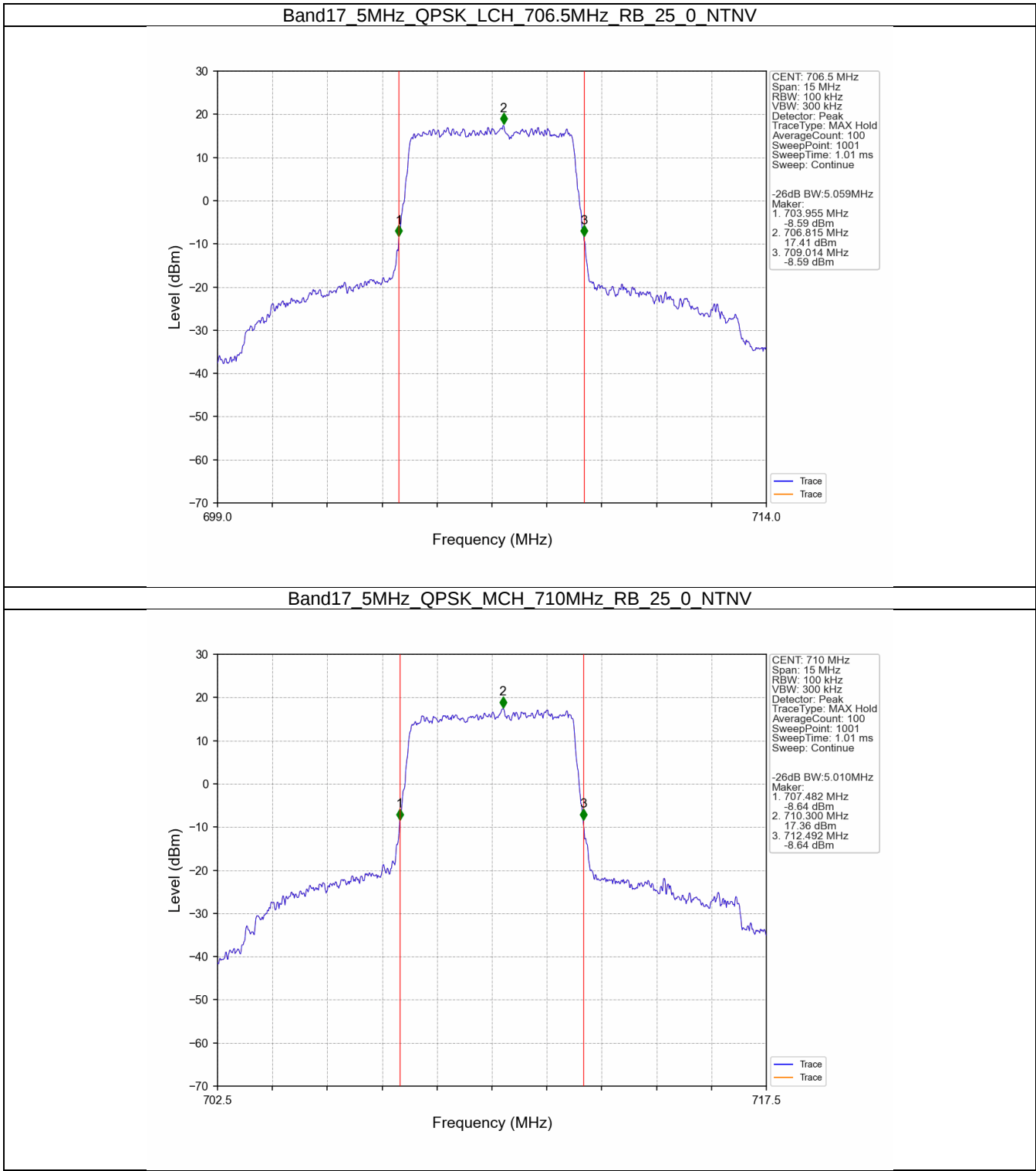
Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



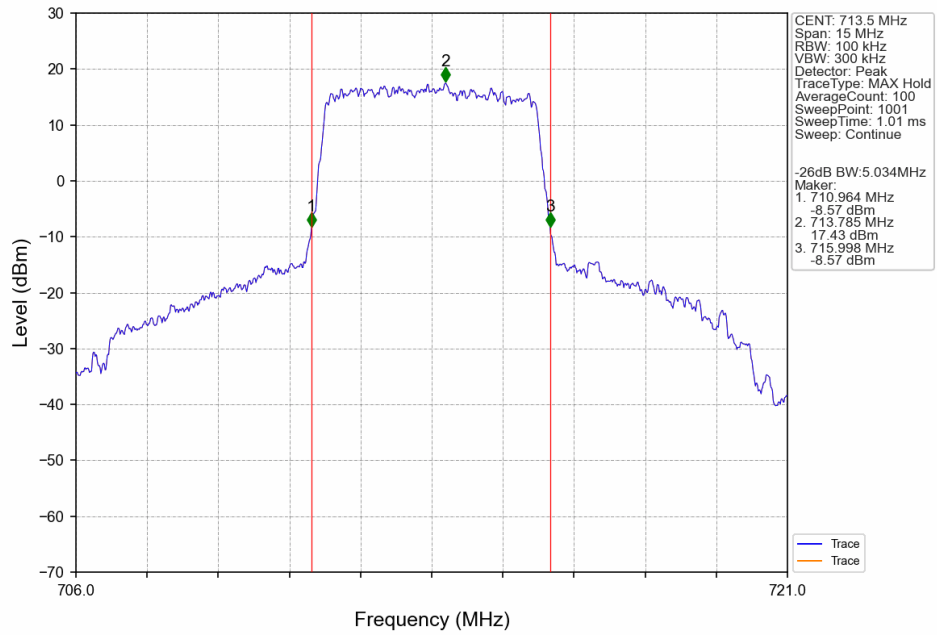
Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



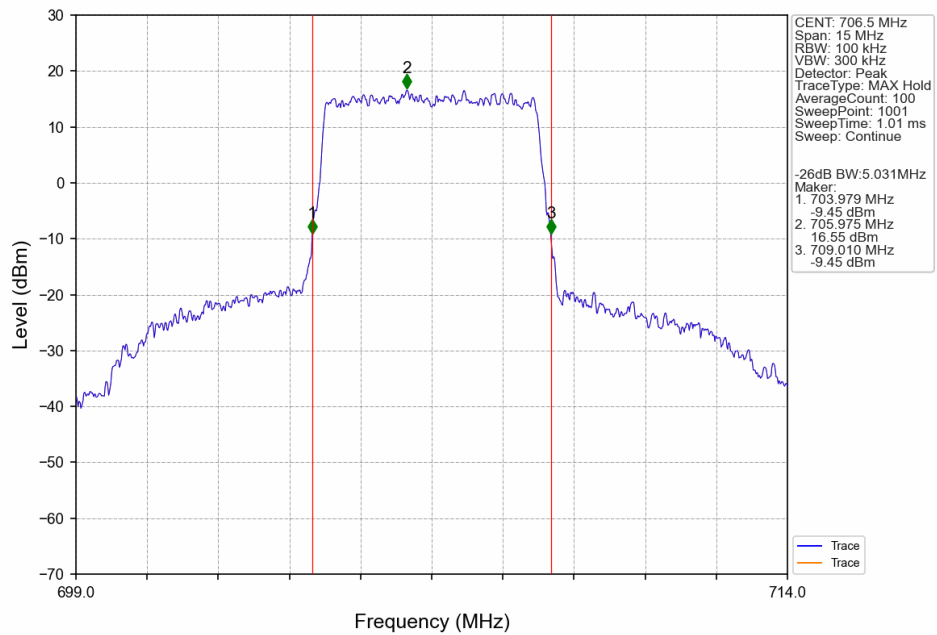
3.2.2 Band17_XDB



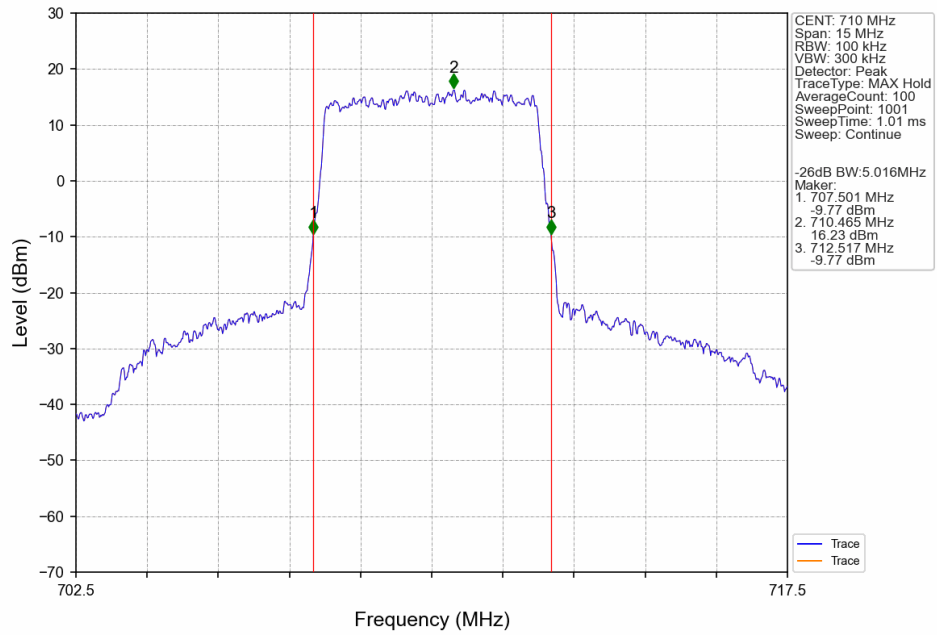
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



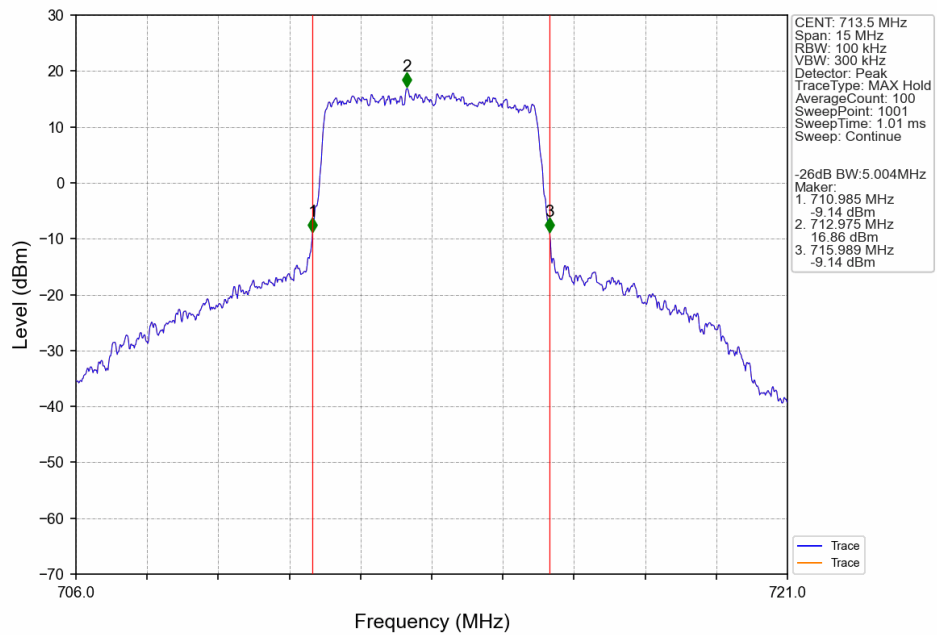
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



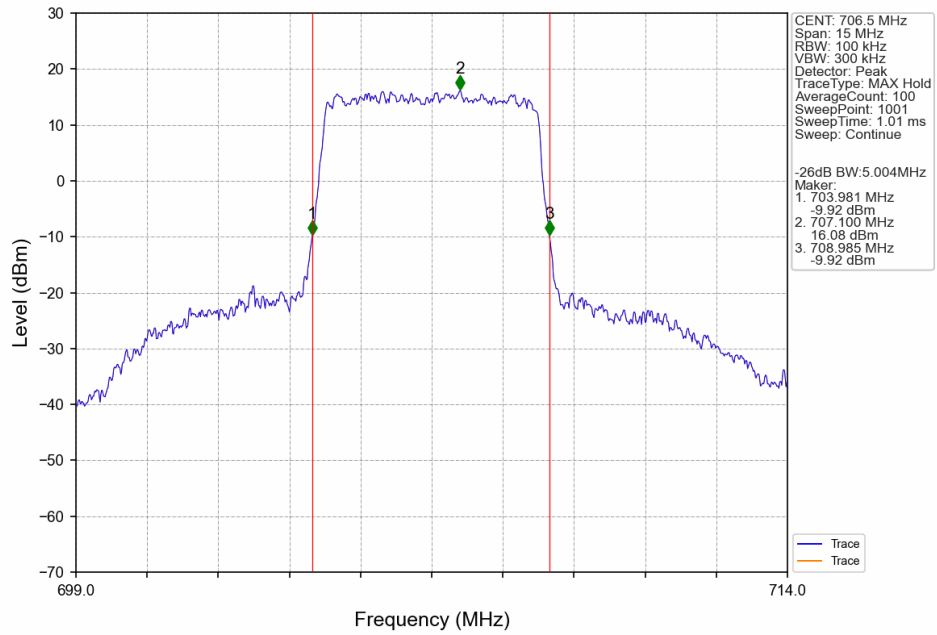
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



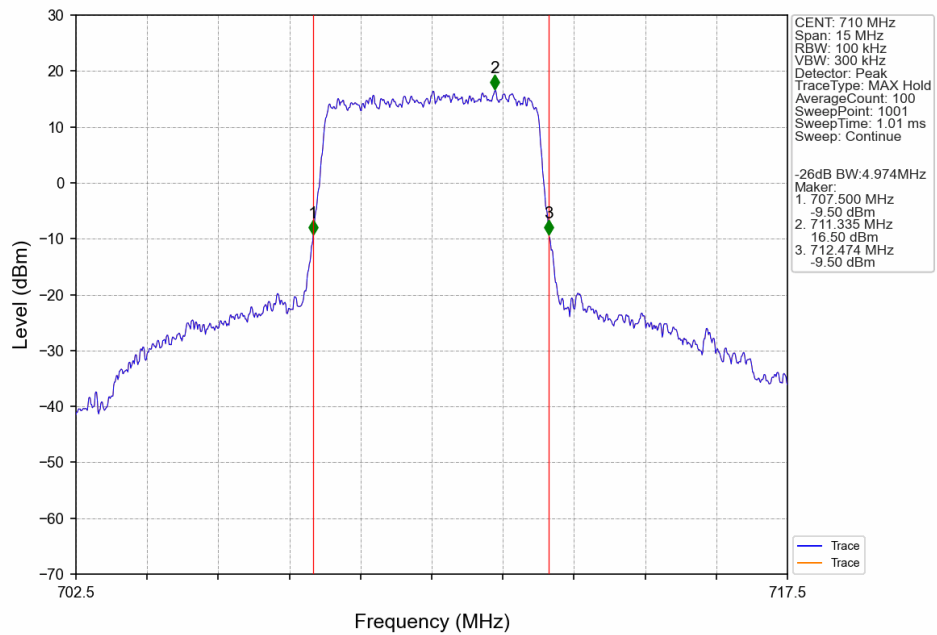
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



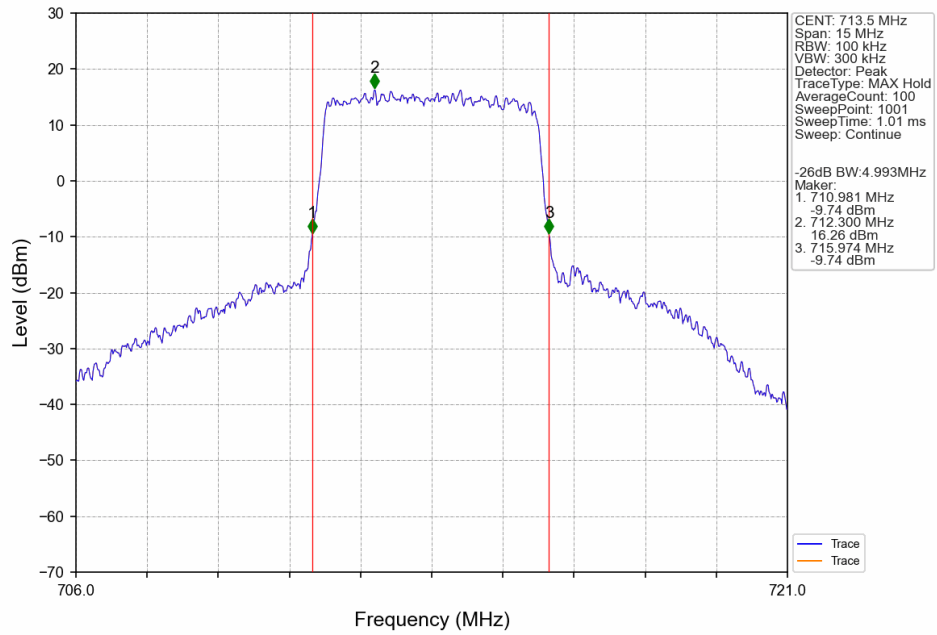
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



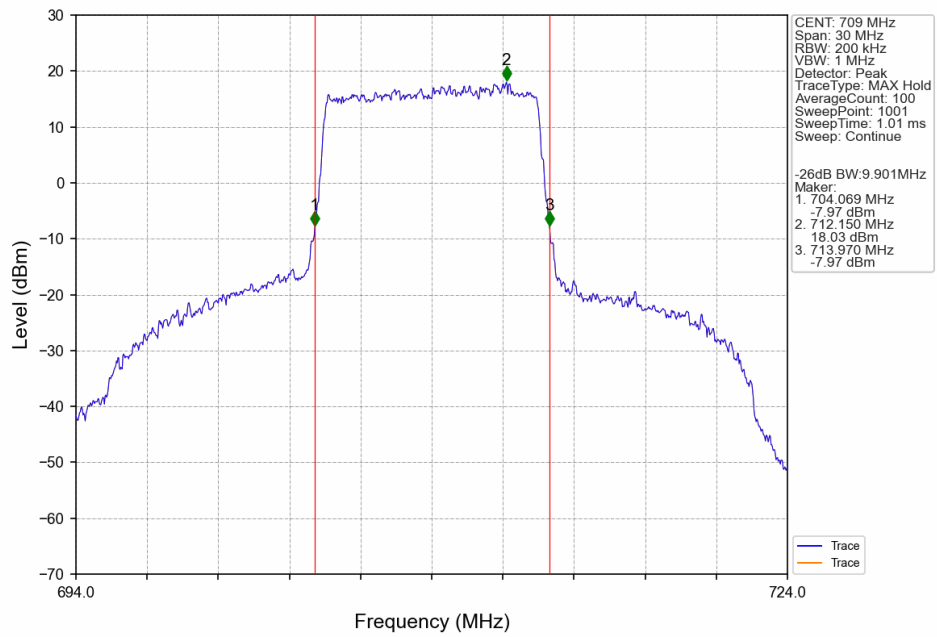
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



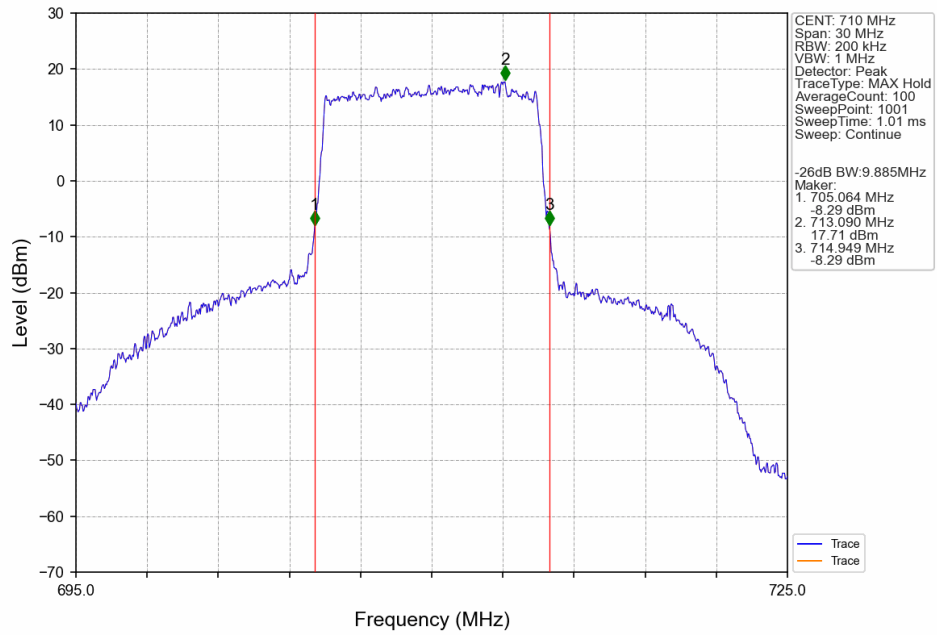
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



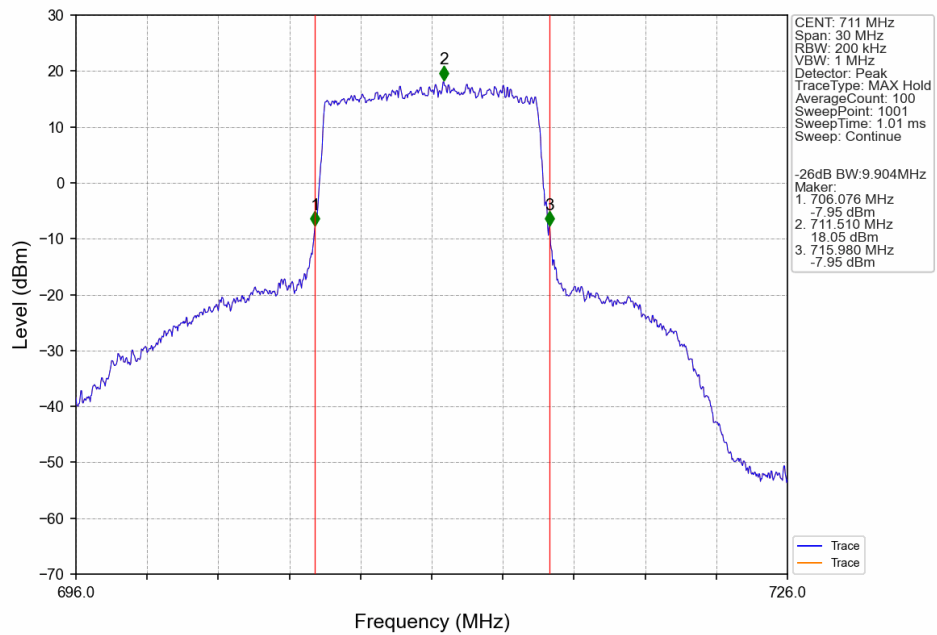
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



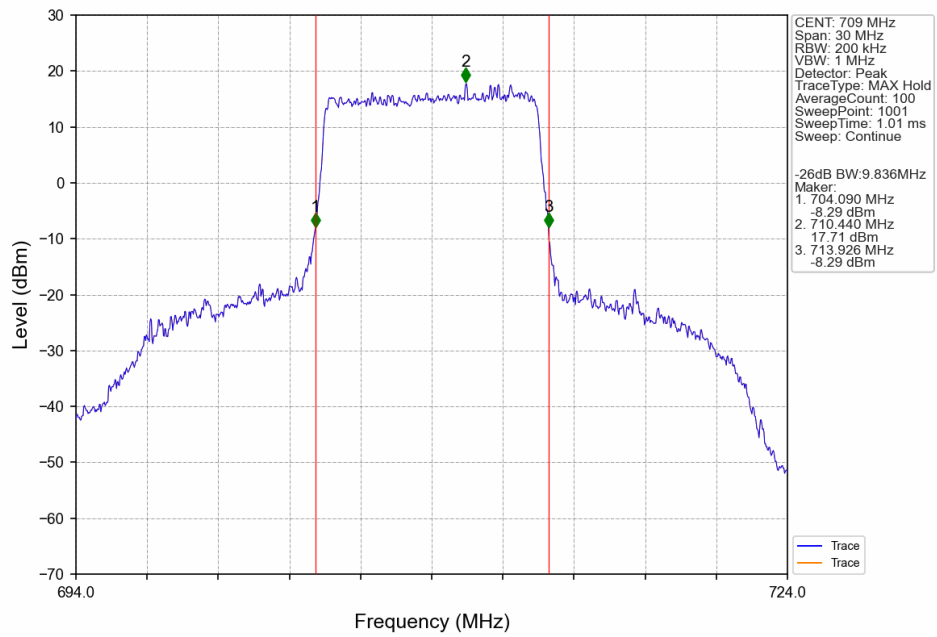
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



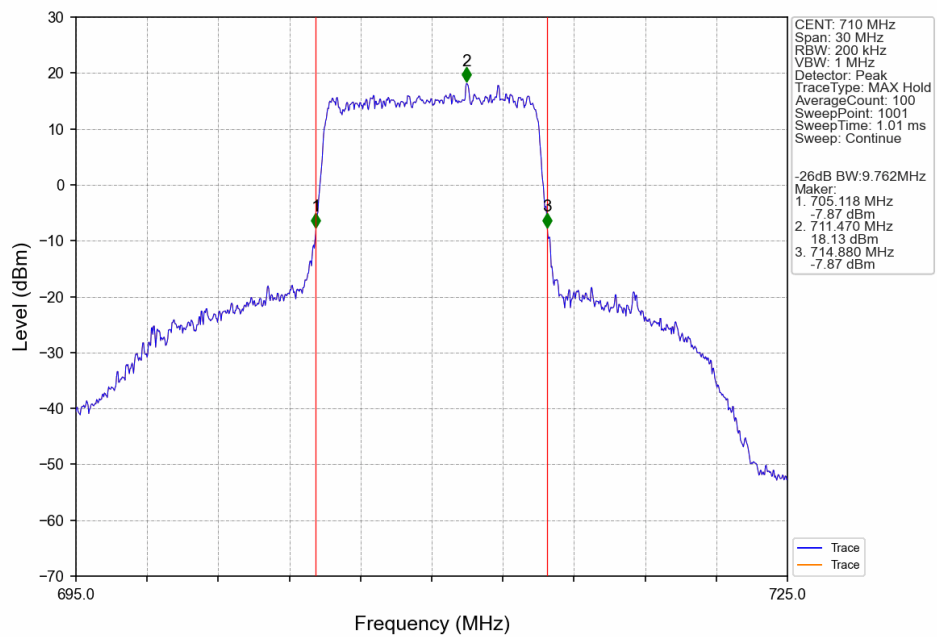
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



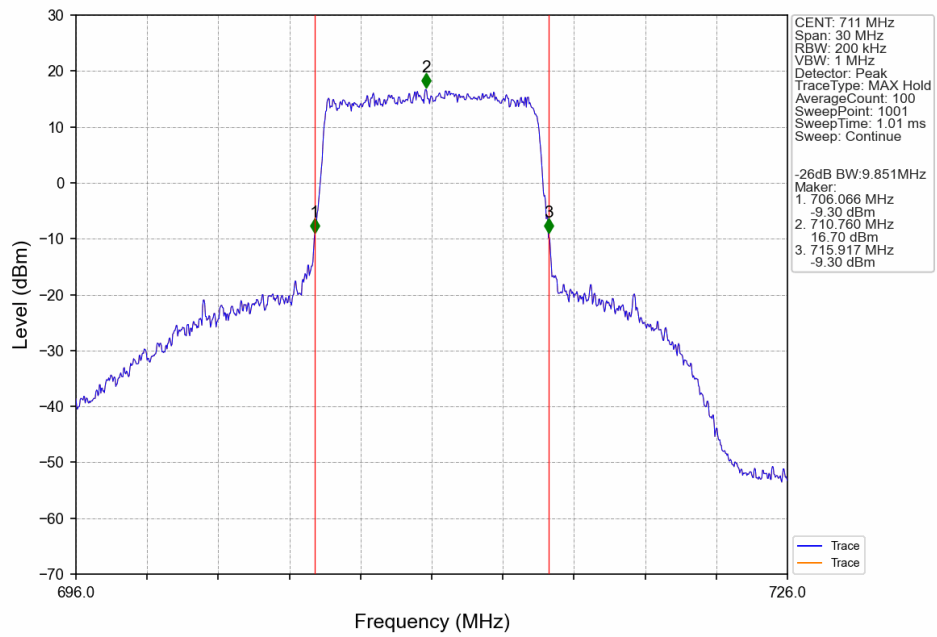
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



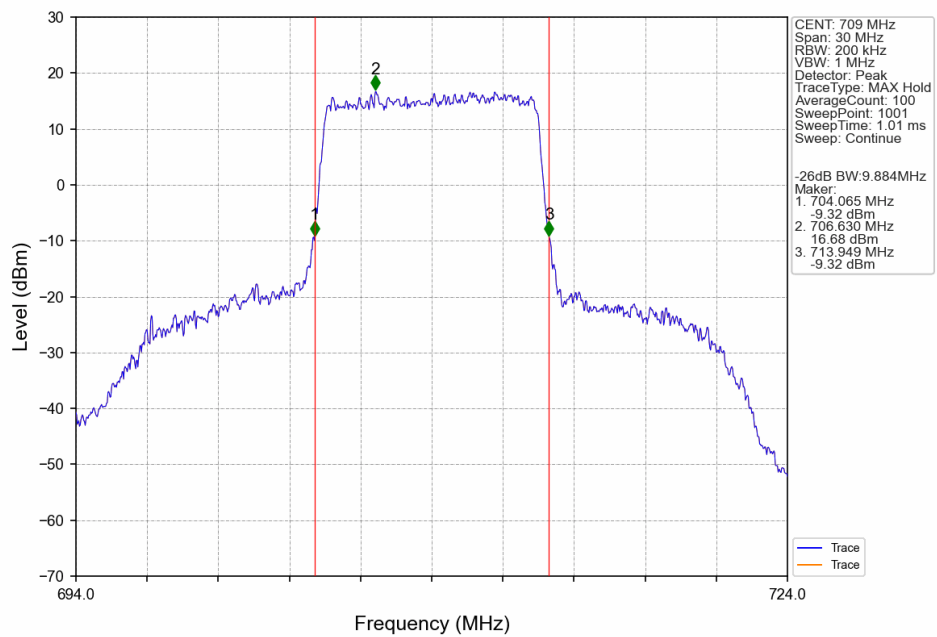
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



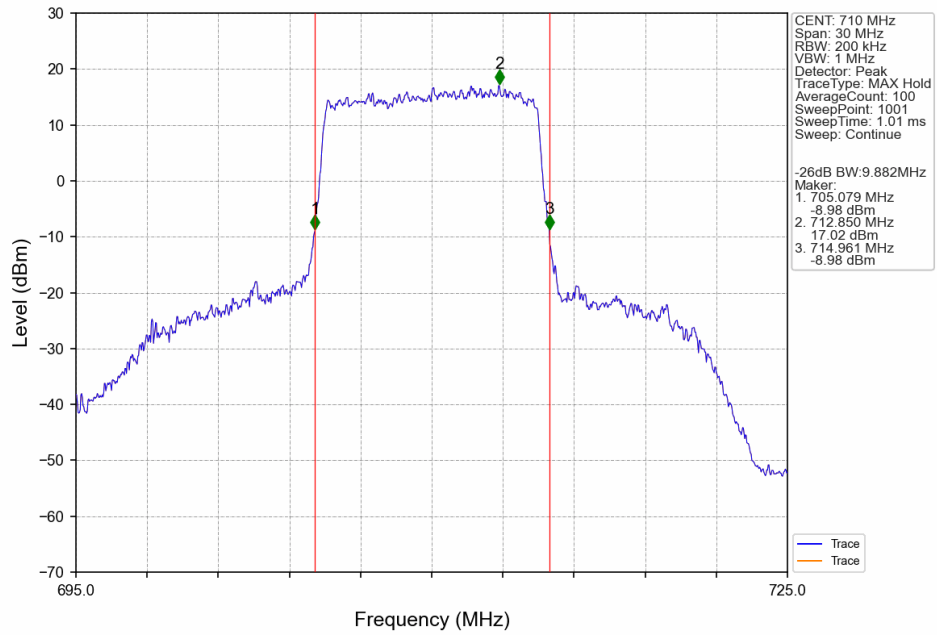
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



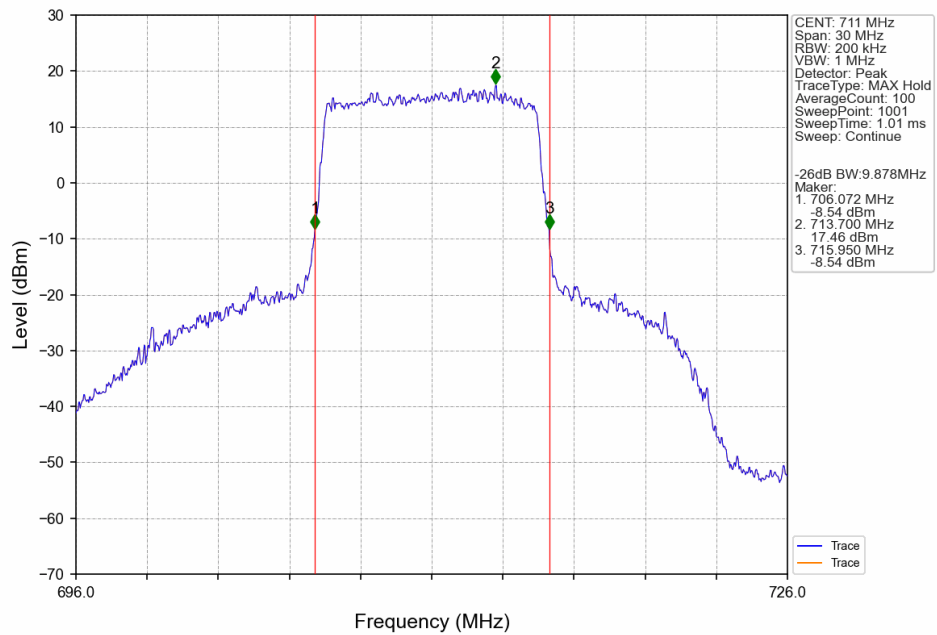
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B17_5MHz

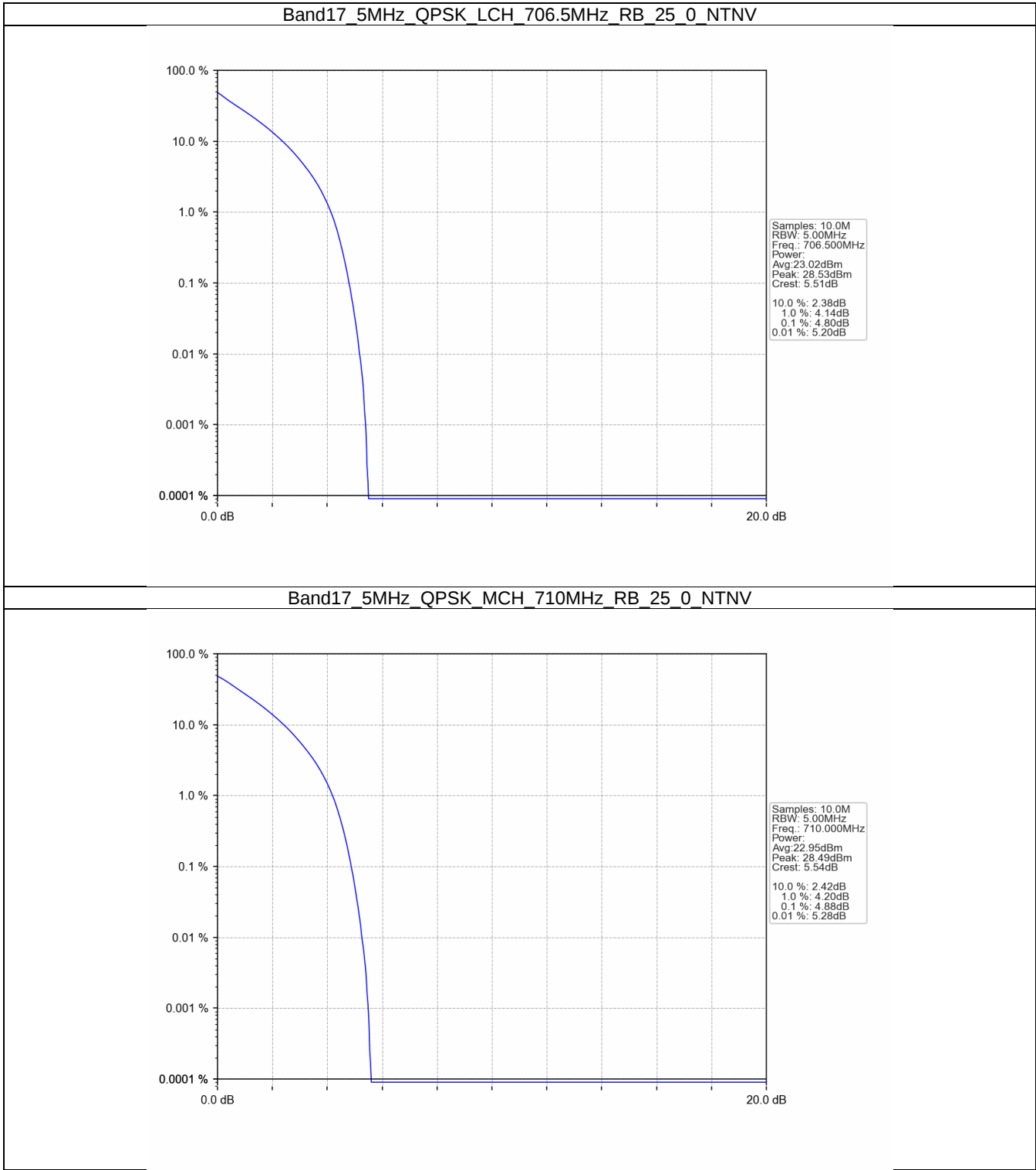
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	4.80	<=13	Pass
	710	25	0	4.88	<=13	Pass
	713.5	25	0	4.52	<=13	Pass
16QAM	706.5	25	0	5.66	<=13	Pass
	710	25	0	5.68	<=13	Pass
	713.5	25	0	5.24	<=13	Pass
64QAM	706.5	25	0	5.72	<=13	Pass
	710	25	0	5.62	<=13	Pass
	713.5	25	0	5.16	<=13	Pass

4.1.2 B17_10MHz

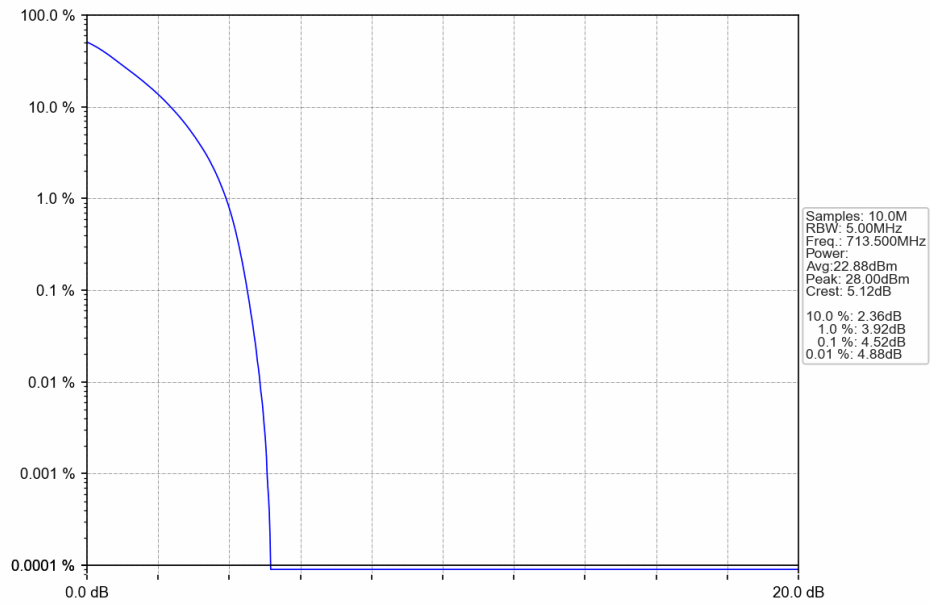
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.84	<=13	Pass
	710	50	0	4.82	<=13	Pass
	711	50	0	4.70	<=13	Pass
16QAM	709	50	0	5.62	<=13	Pass
	710	50	0	5.54	<=13	Pass
	711	50	0	5.50	<=13	Pass
64QAM	709	50	0	5.68	<=13	Pass
	710	50	0	5.60	<=13	Pass
	711	50	0	5.50	<=13	Pass

4.2 Test Graph

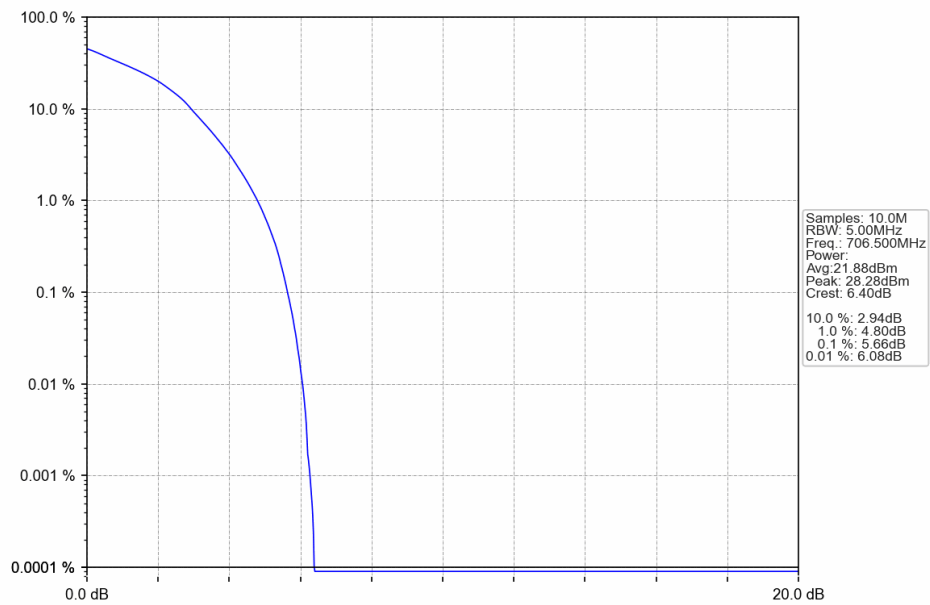
4.2.1 B17_5MHz



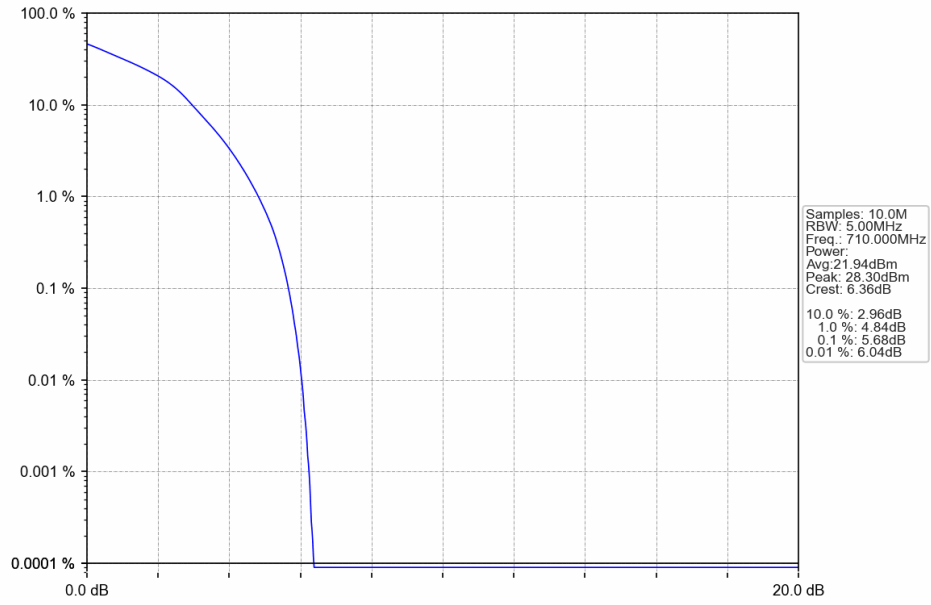
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



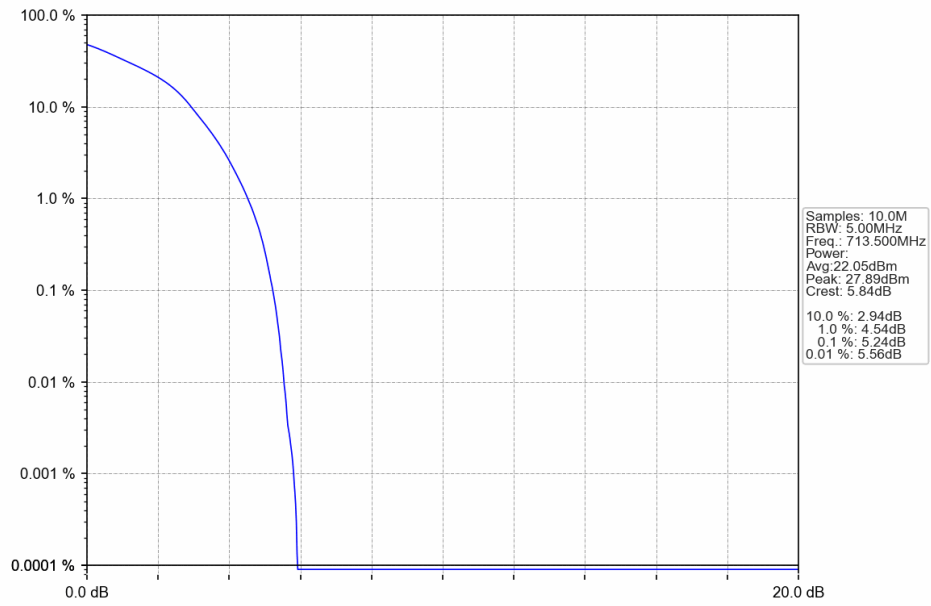
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



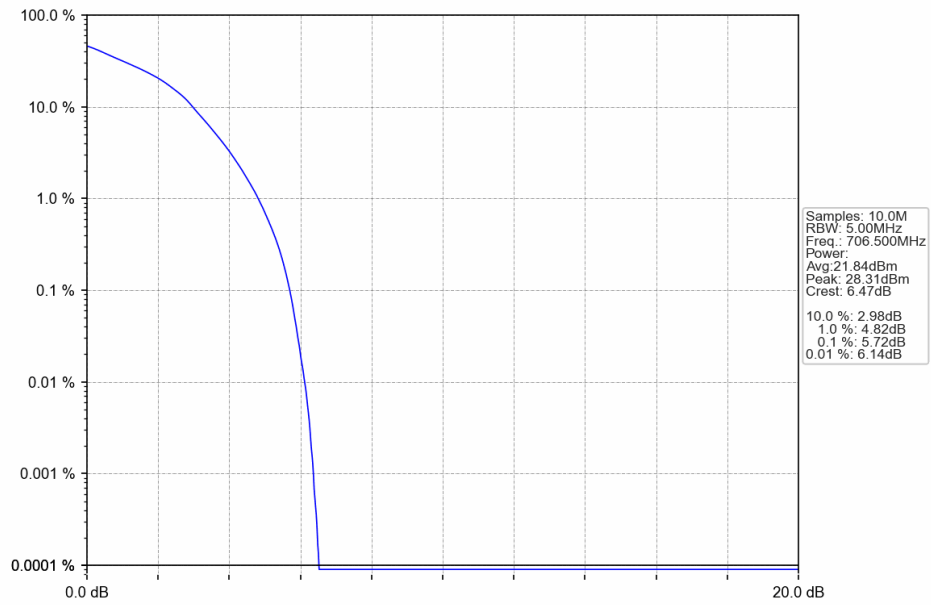
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



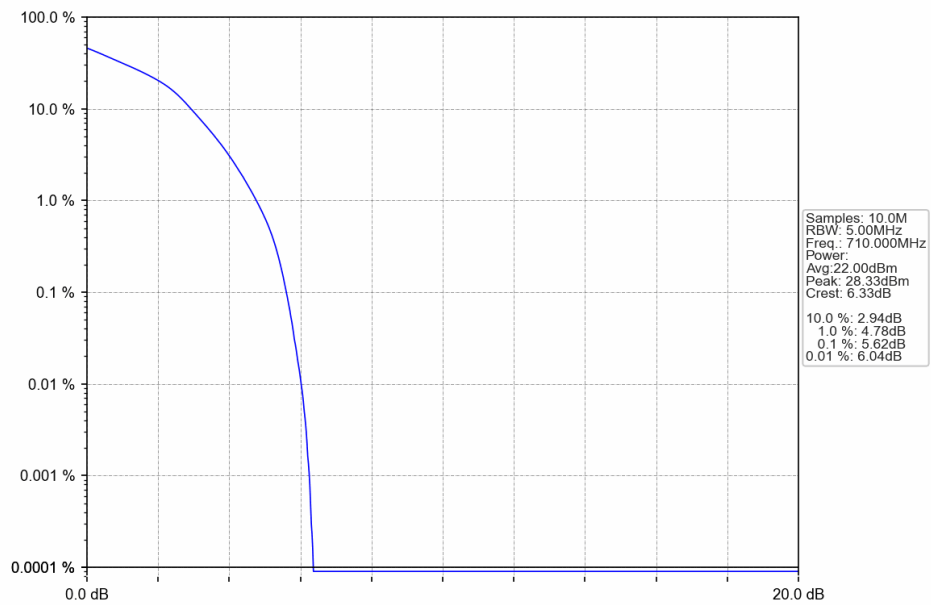
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



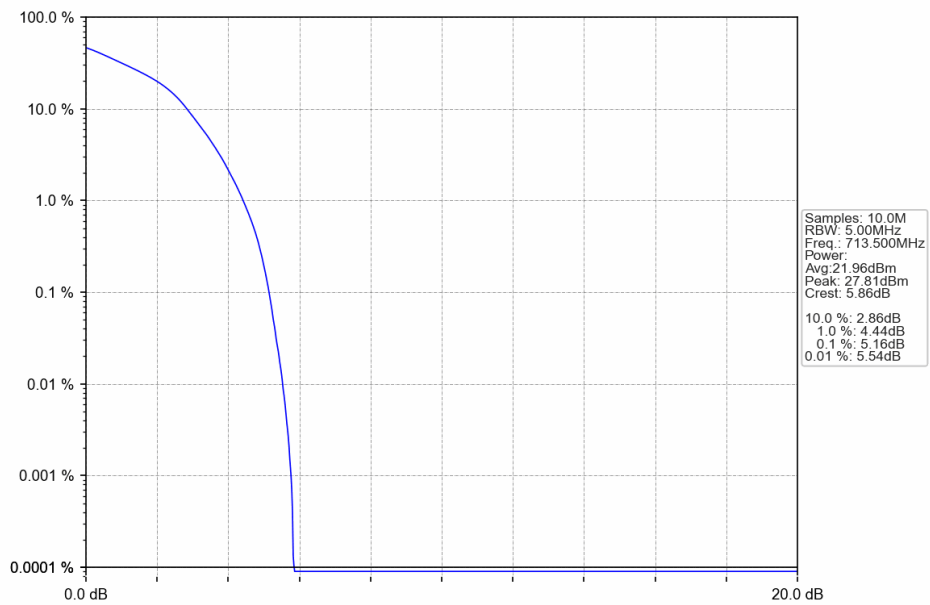
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



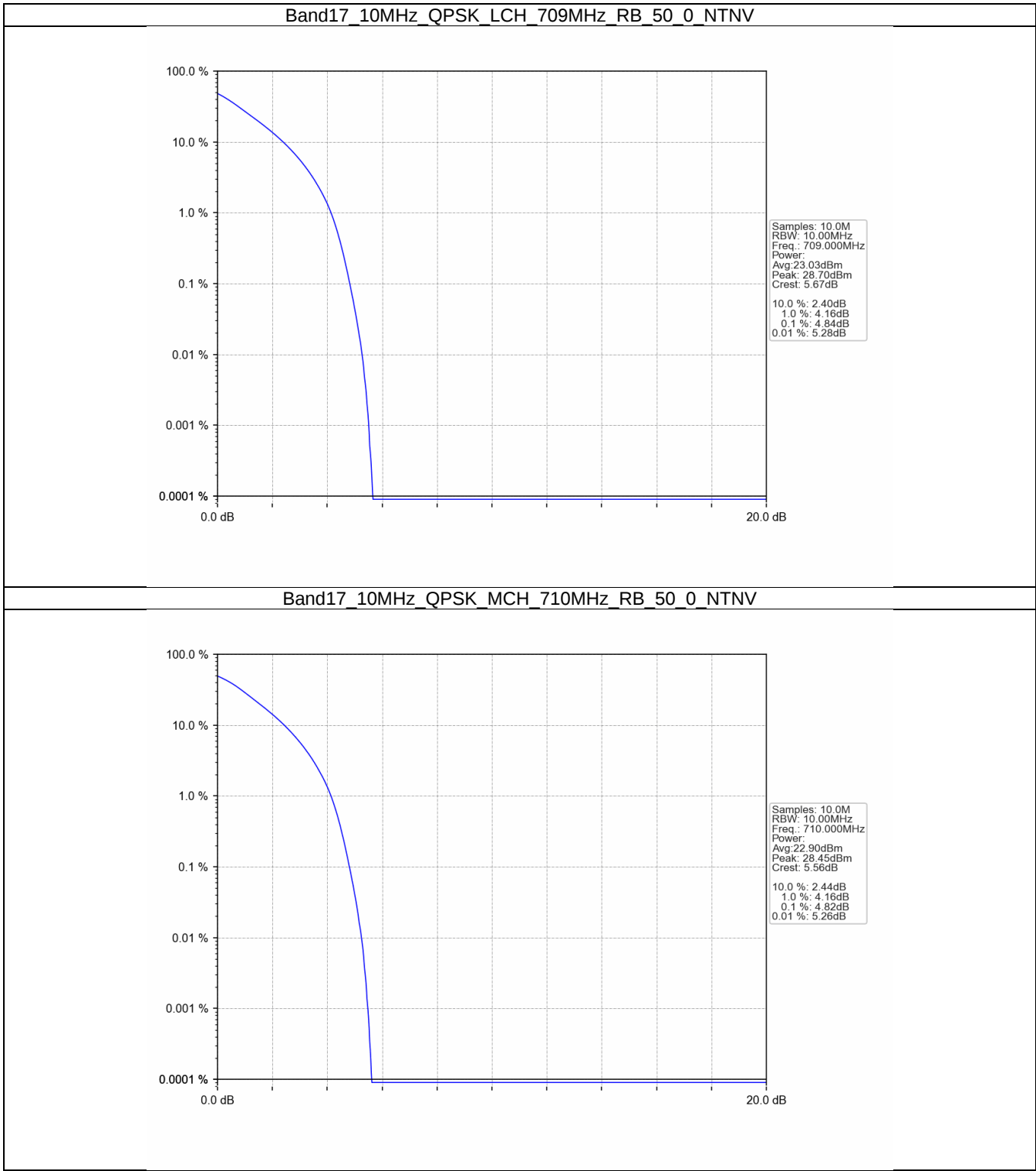
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



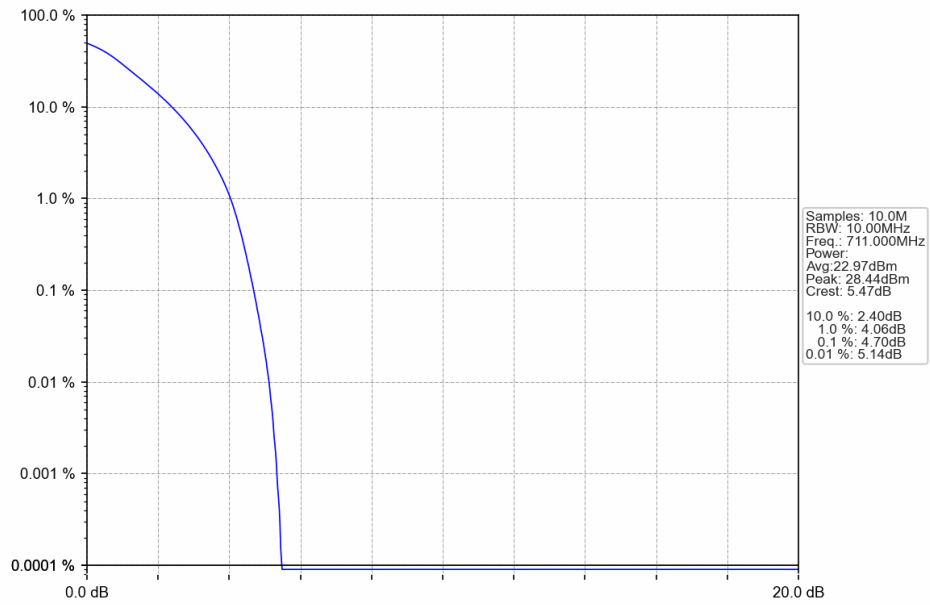
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



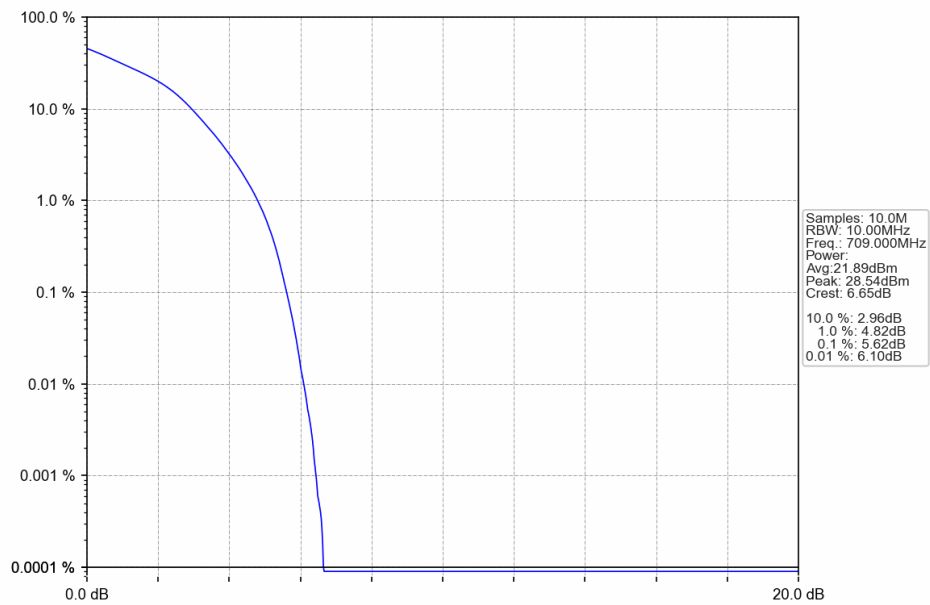
4.2.2 B17_10MHz



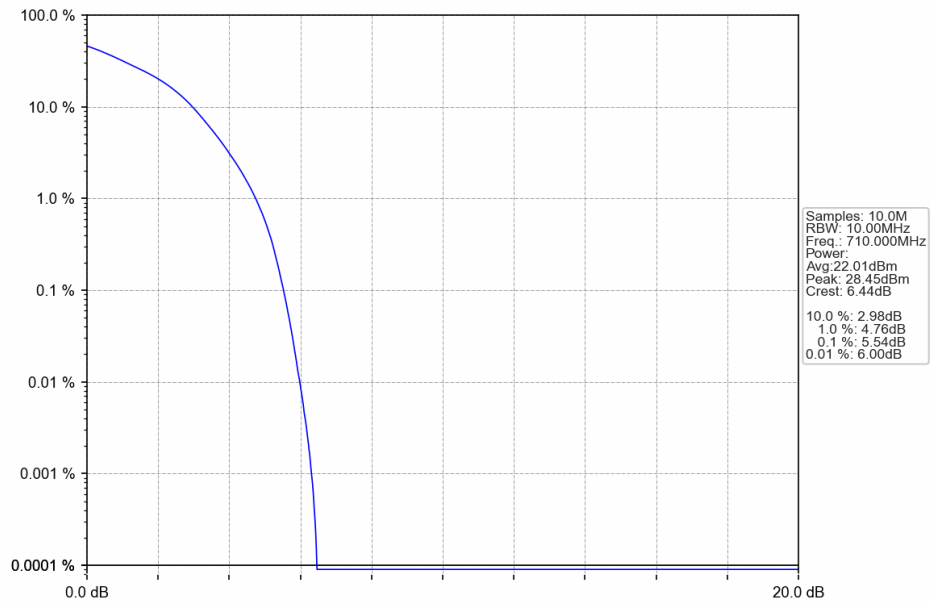
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



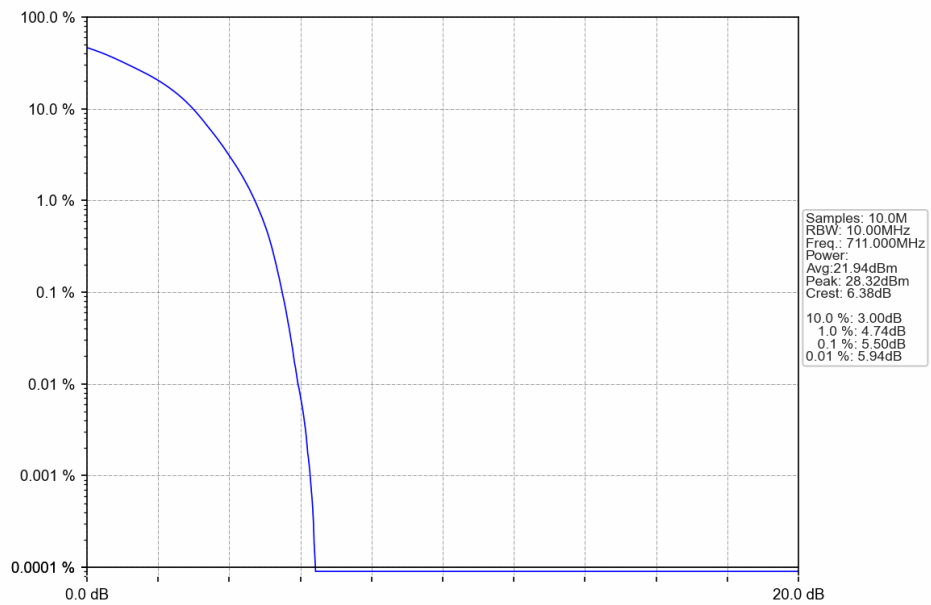
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



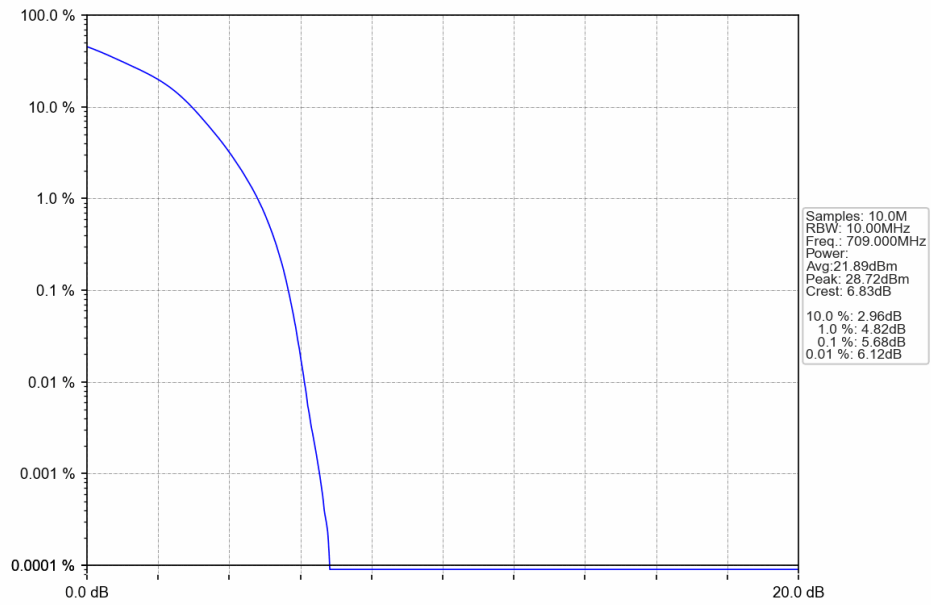
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



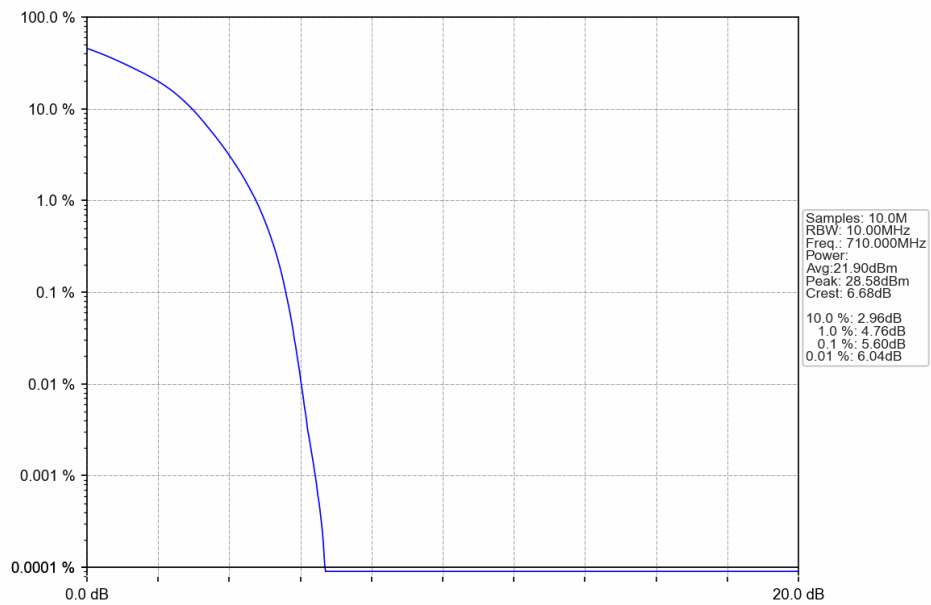
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



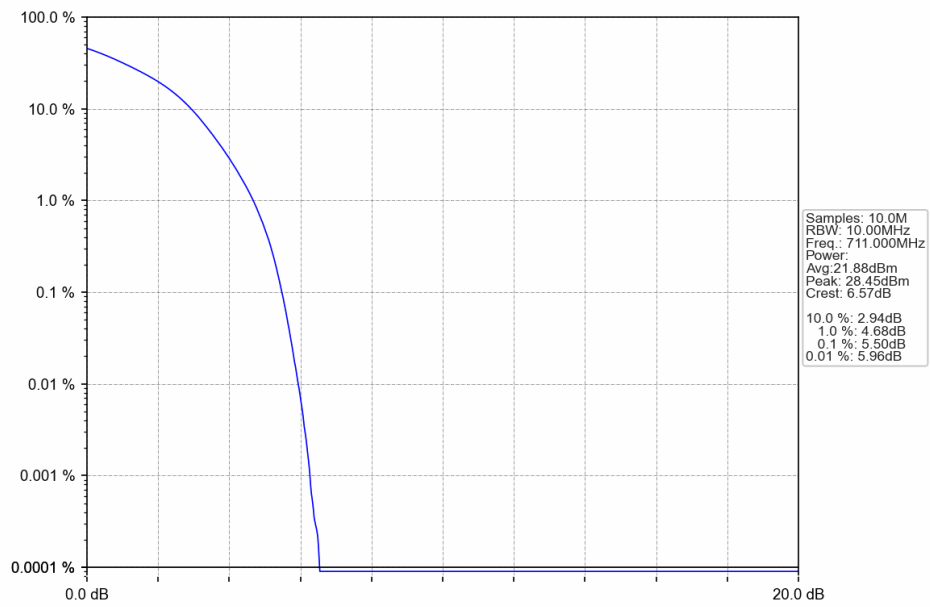
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B17_5MHz

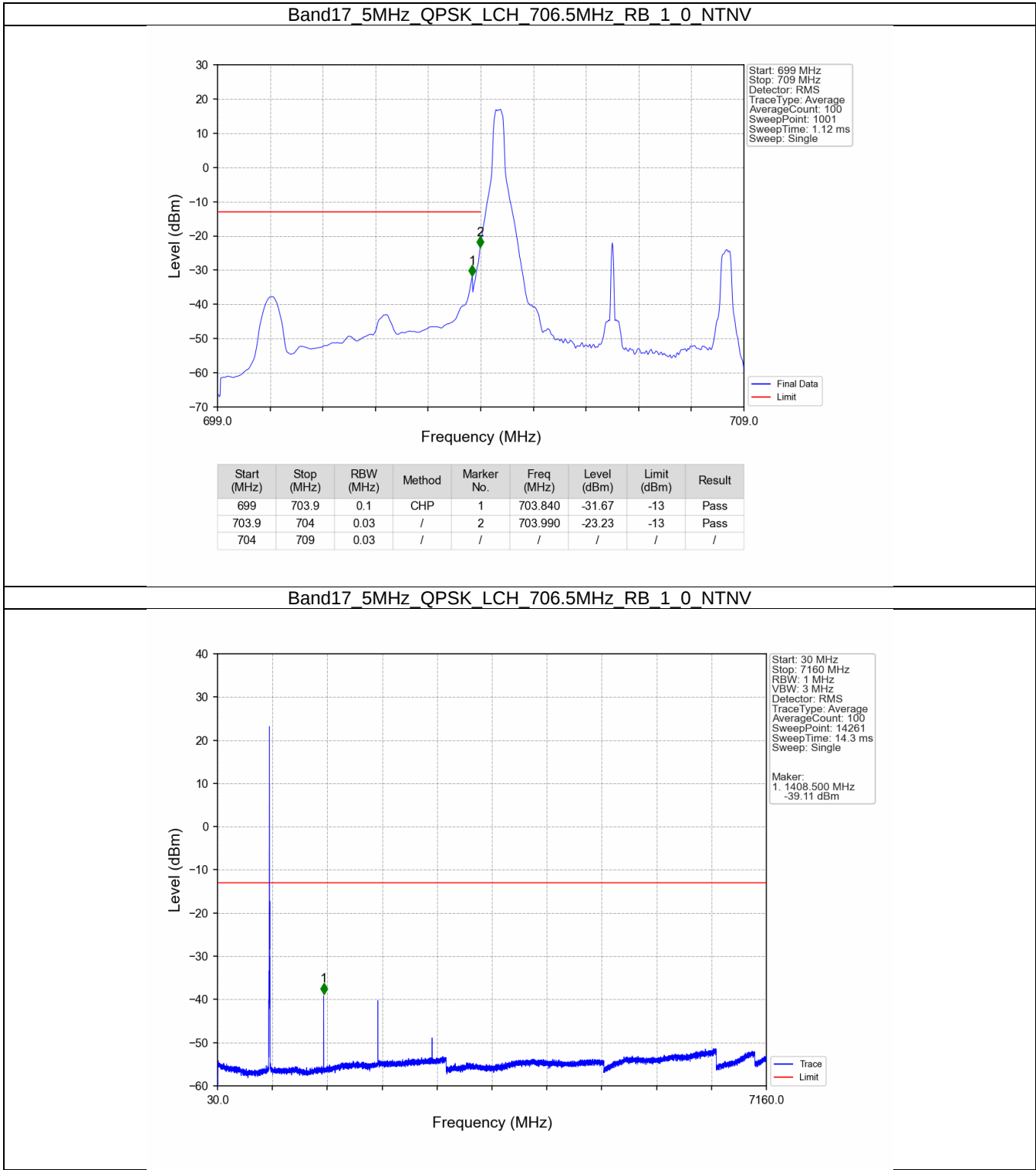
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.2 B17_10MHz

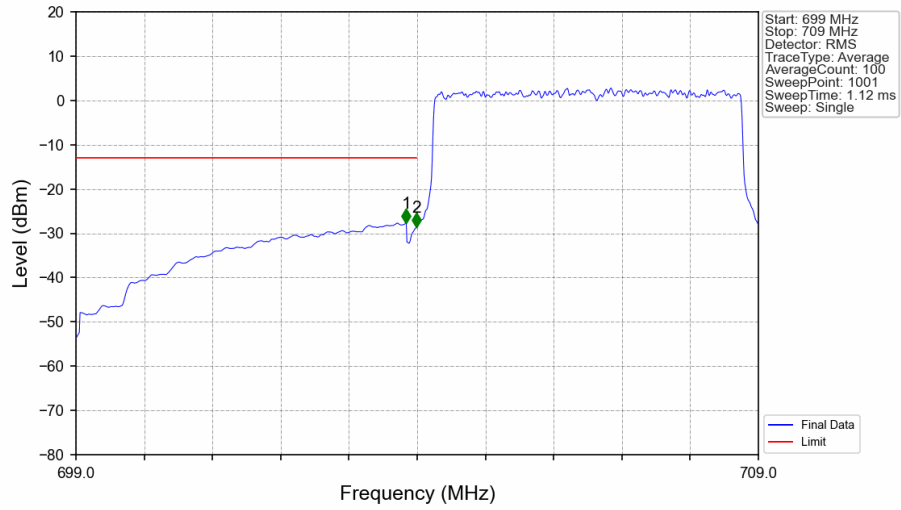
Band: 17 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

5.2.1 B17_5MHz

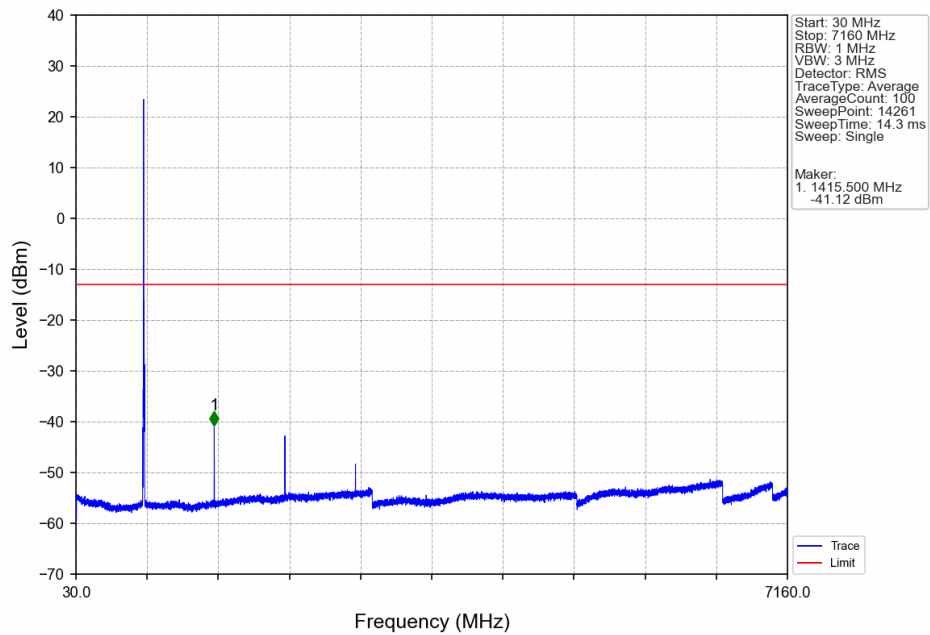


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

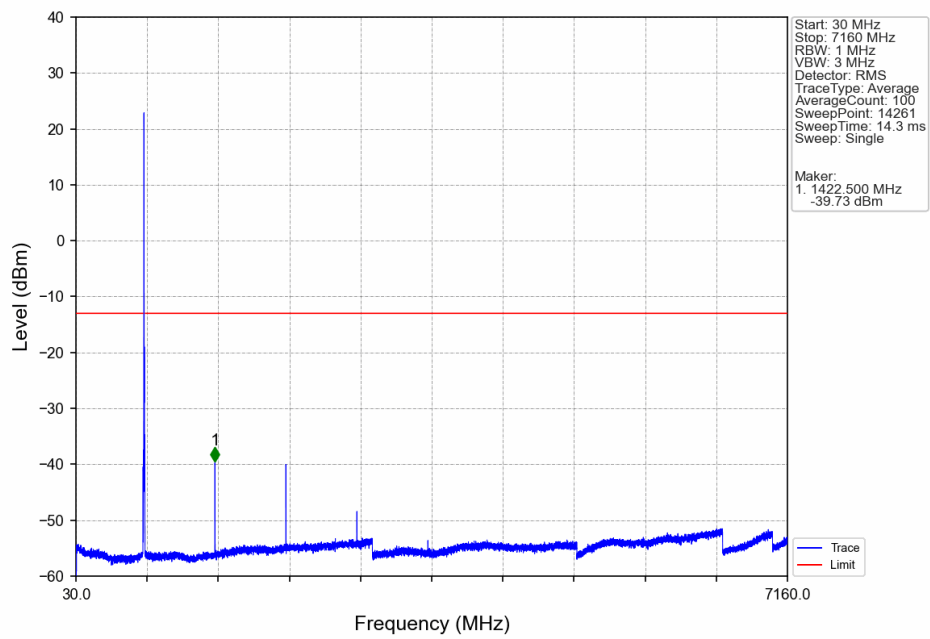


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-27.66	-13	Pass
703.9	704	0.03	/	2	703.990	-28.55	-13	Pass
704	709	0.03	/	/	/	/	/	/

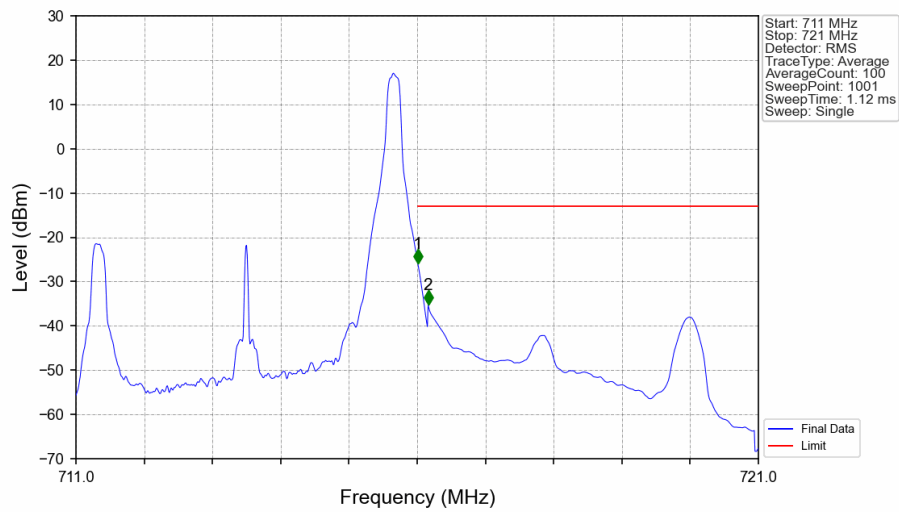
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17 5MHz QPSK HCH 713.5MHz RB_1_0 NTN

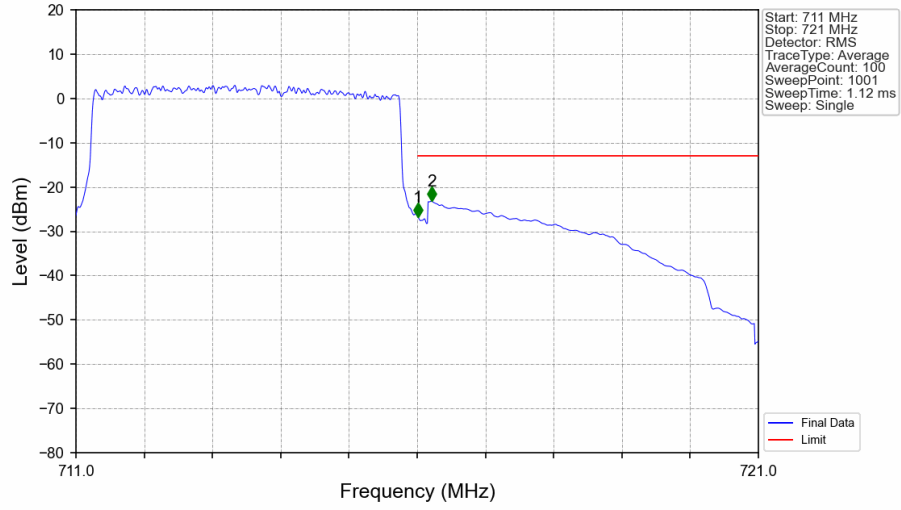


Band17 5MHz QPSK HCH 713.5MHz RB 1 24 NTN



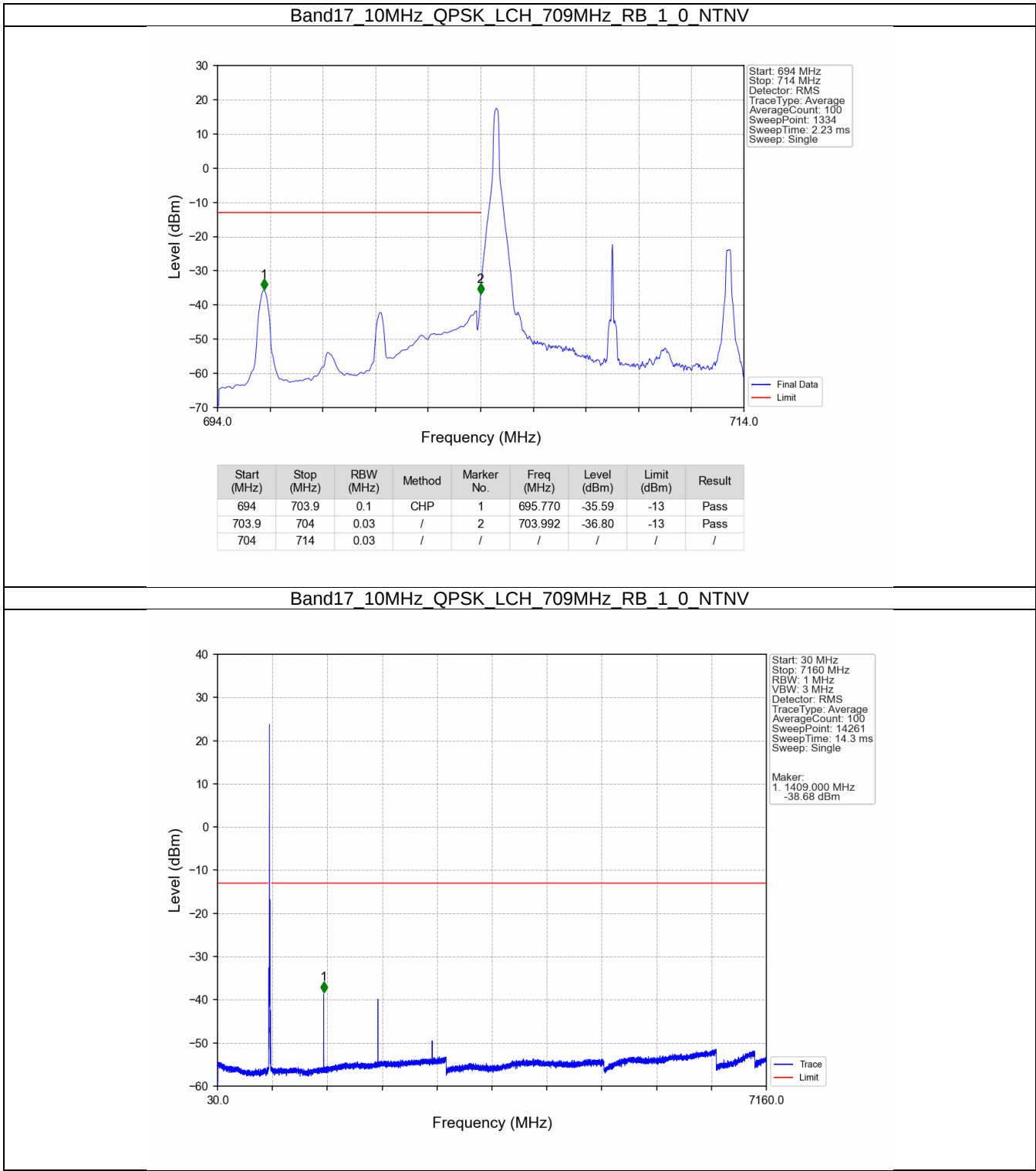
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-25.94	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.24	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

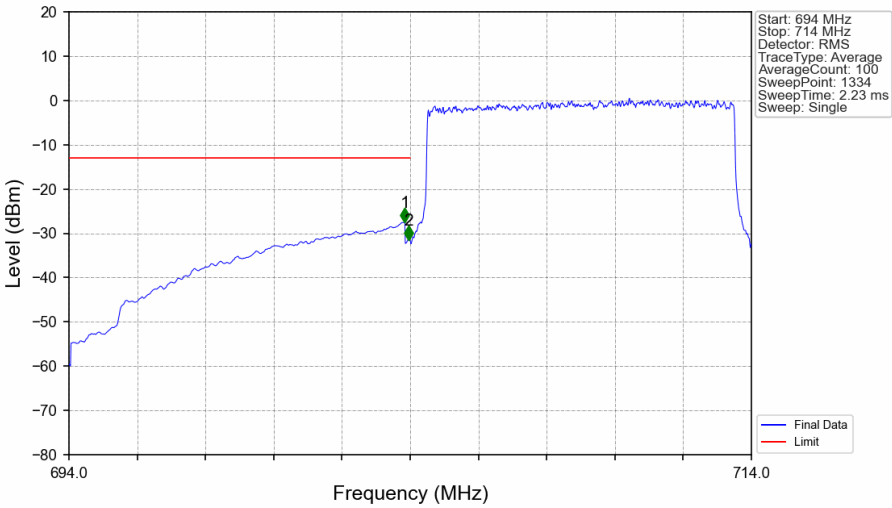


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.79	-13	Pass
716.1	721	0.1	CHP	2	716.210	-23.19	-13	Pass

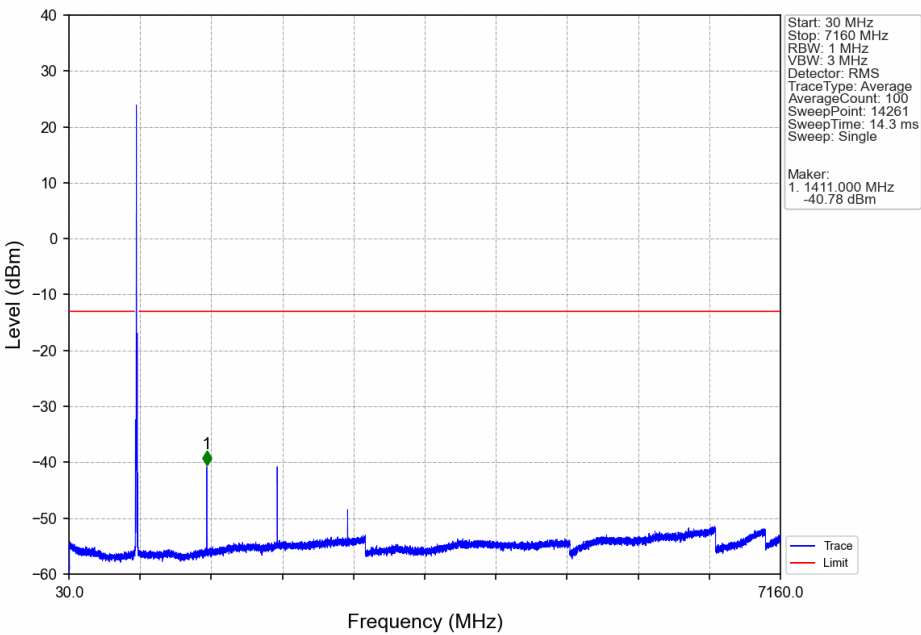
5.2.2 B17_10MHz



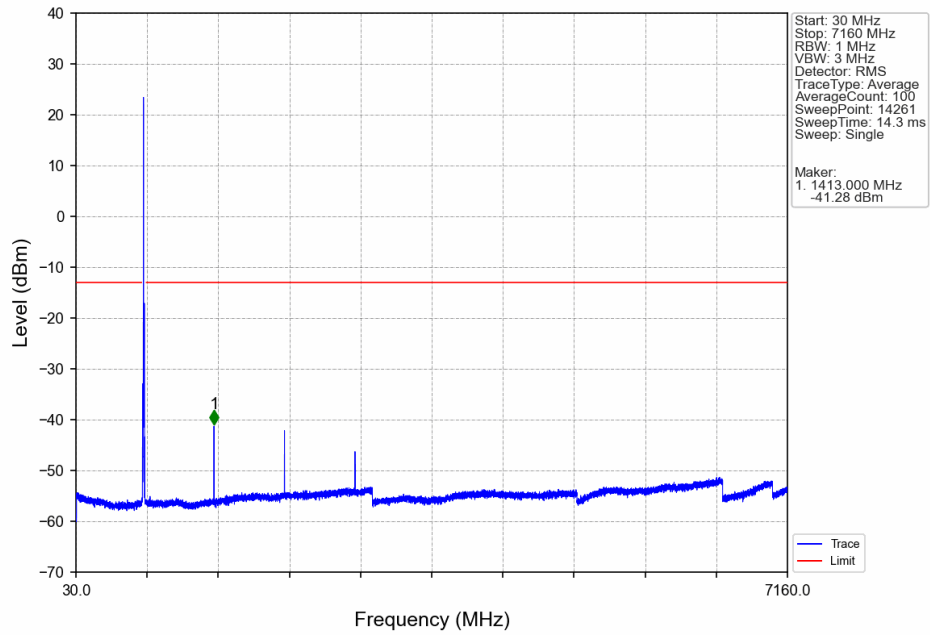
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



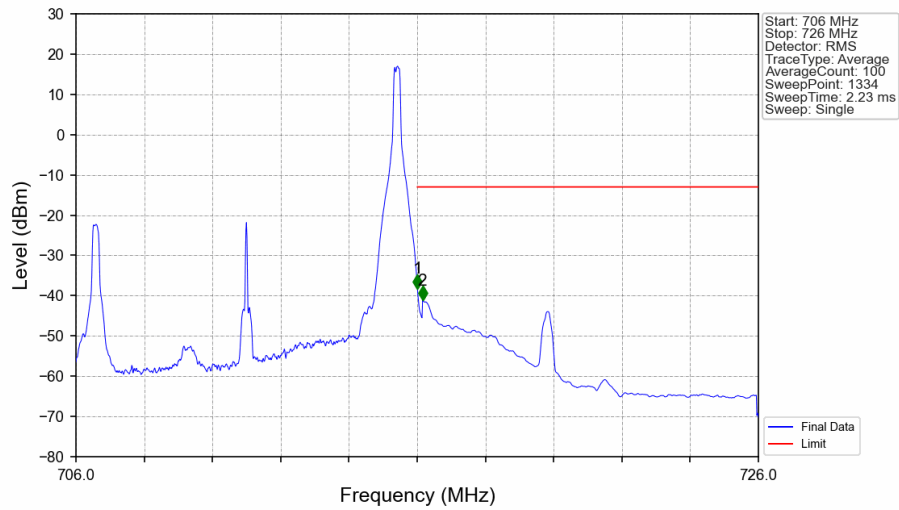
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

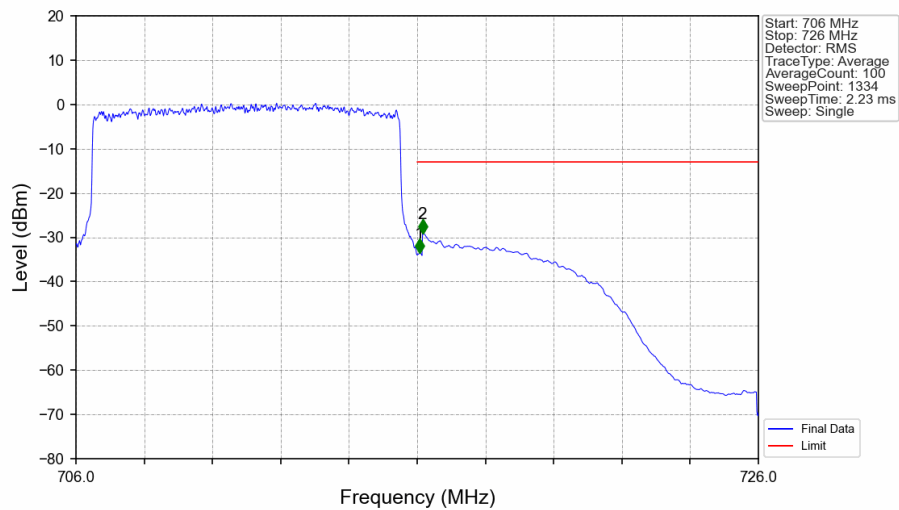


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-38.16	-13	Pass
716.1	726	0.1	CHP	2	716.158	-41.14	-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	716.068	-33.45	-13	Pass
716.1	726	0.1	CHP	2	716.158	-29.20	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 17_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1409.18	51.08	-49.99	24.17	-70.01	-13.00	57.01	Horizontal
2	2113.77	53.51	-49.46	26.50	-64.71	-13.00	51.71	Horizontal
3	2818.36	65.29	-48.70	27.77	-50.90	-13.00	37.90	Horizontal
4	3522.95	50.71	-48.44	28.54	-64.45	-13.00	51.45	Horizontal
5	4227.54	48.67	-48.27	29.66	-65.19	-13.00	52.19	Horizontal
6	4932.13	49.69	-48.10	31.05	-62.62	-13.00	49.62	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.6667	54.97	-48.44	28.54	-60.20	-13.00	47.20	Vertical
2	1409.18	50.57	-49.99	24.17	-70.52	-13.00	57.52	Vertical
3	2113.77	49.15	-49.46	26.50	-69.07	-13.00	56.07	Vertical
4	2818.36	64.41	-48.70	27.77	-51.78	-13.00	38.78	Vertical
5	4227.54	47.09	-48.27	29.66	-66.77	-13.00	53.77	Vertical
6	4932.13	48.42	-48.10	31.05	-63.89	-13.00	50.89	Vertical

Test Band = LTE Band 17_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2822.2222	66.02	-48.70	27.78	-50.16	-13.00	37.16	Horizontal
2	1411.18	51.86	-49.99	24.18	-69.21	-13.00	56.21	Horizontal
3	2116.77	50.84	-49.47	26.51	-67.37	-13.00	54.37	Horizontal
4	3527.95	51.59	-48.44	28.54	-63.57	-13.00	50.57	Horizontal
5	4233.54	48.00	-48.25	29.67	-65.83	-13.00	52.83	Horizontal
6	4939.13	49.57	-48.09	31.07	-62.71	-13.00	49.71	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411.1111	50.68	-49.99	24.18	-70.39	-13.00	57.39	Vertical
2	2116.77	50.06	-49.47	26.51	-68.15	-13.00	55.15	Vertical
3	2822.36	63.41	-48.70	27.78	-52.77	-13.00	39.77	Vertical
4	3527.95	55.03	-48.44	28.54	-60.13	-13.00	47.13	Vertical
5	4233.54	47.74	-48.25	29.67	-66.09	-13.00	53.09	Vertical
6	4939.13	48.52	-48.09	31.07	-63.76	-13.00	50.76	Vertical

Test Band = LTE Band 17_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1412.8889	56.24	-49.99	24.19	-64.82	-13.00	51.82	Horizontal
2	2119.77	51.52	-49.47	26.52	-66.69	-13.00	53.69	Horizontal
3	2826.36	64.39	-48.71	27.79	-51.79	-13.00	38.79	Horizontal
4	3532.95	51.67	-48.45	28.55	-63.48	-13.00	50.48	Horizontal
5	4239.54	48.04	-48.23	29.68	-65.77	-13.00	52.77	Horizontal
6	4946.13	49.38	-48.07	31.08	-62.87	-13.00	49.87	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2826.2222	61.83	-48.71	27.79	-54.35	-13.00	41.35	Vertical
2	1413.18	53.59	-49.99	24.19	-67.46	-13.00	54.46	Vertical
3	2119.77	50.60	-49.47	26.52	-67.61	-13.00	54.61	Vertical
4	3532.95	55.35	-48.45	28.55	-59.80	-13.00	46.80	Vertical
5	4239.54	47.62	-48.23	29.68	-66.19	-13.00	53.19	Vertical
6	4946.13	48.60	-48.07	31.08	-63.65	-13.00	50.65	Vertical