

				0	3.85	-5.39	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.72	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.64	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.55	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.98	-0.01	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-24.13	-0.03	-2.5 to 2.5	Pass
					3.85	-24.62	-0.03	-2.5 to 2.5	Pass
					4.43	-24.66	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-25.05	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-25.09	-0.04	-2.5 to 2.5	Pass
				-10	3.85	-27.07	-0.04	-2.5 to 2.5	Pass
				0	3.85	-25.48	-0.04	-2.5 to 2.5	Pass
				10	3.85	-24.30	-0.03	-2.5 to 2.5	Pass
				30	3.85	-24.56	-0.03	-2.5 to 2.5	Pass
				40	3.85	-24.08	-0.03	-2.5 to 2.5	Pass
				50	3.85	-25.76	-0.04	-2.5 to 2.5	Pass
64QAM	706.5	25	0	20	3.27	-26.62	-0.04	-2.5 to 2.5	Pass
					3.85	-29.04	-0.04	-2.5 to 2.5	Pass
					4.43	-28.47	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-28.64	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-27.87	-0.04	-2.5 to 2.5	Pass
				-10	3.85	-28.07	-0.04	-2.5 to 2.5	Pass
				0	3.85	-28.78	-0.04	-2.5 to 2.5	Pass
				10	3.85	-27.34	-0.04	-2.5 to 2.5	Pass
				30	3.85	-26.99	-0.04	-2.5 to 2.5	Pass
				40	3.85	-27.64	-0.04	-2.5 to 2.5	Pass
				50	3.85	-26.96	-0.04	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-7.80	-0.01	-2.5 to 2.5	Pass
					3.85	-8.53	-0.01	-2.5 to 2.5	Pass
					4.43	-6.15	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-6.25	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-6.08	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.89	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.38	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.09	-0.01	-2.5 to 2.5	Pass
				30	3.85	-3.39	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.75	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.30	-0.00	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-27.94	-0.04	-2.5 to 2.5	Pass
					3.85	-25.65	-0.04	-2.5 to 2.5	Pass
					4.43	-26.26	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-25.86	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-22.39	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-23.03	-0.03	-2.5 to 2.5	Pass
				0	3.85	-23.57	-0.03	-2.5 to 2.5	Pass
				10	3.85	-20.03	-0.03	-2.5 to 2.5	Pass
				30	3.85	-18.85	-0.03	-2.5 to 2.5	Pass
				40	3.85	-14.69	-0.02	-2.5 to 2.5	Pass
				50	3.85	-14.48	-0.02	-2.5 to 2.5	Pass



BUREAU
VERITAS

Test Report No.: W7L-P21100018-1RF06

B17_10MHZ TEST RESULT

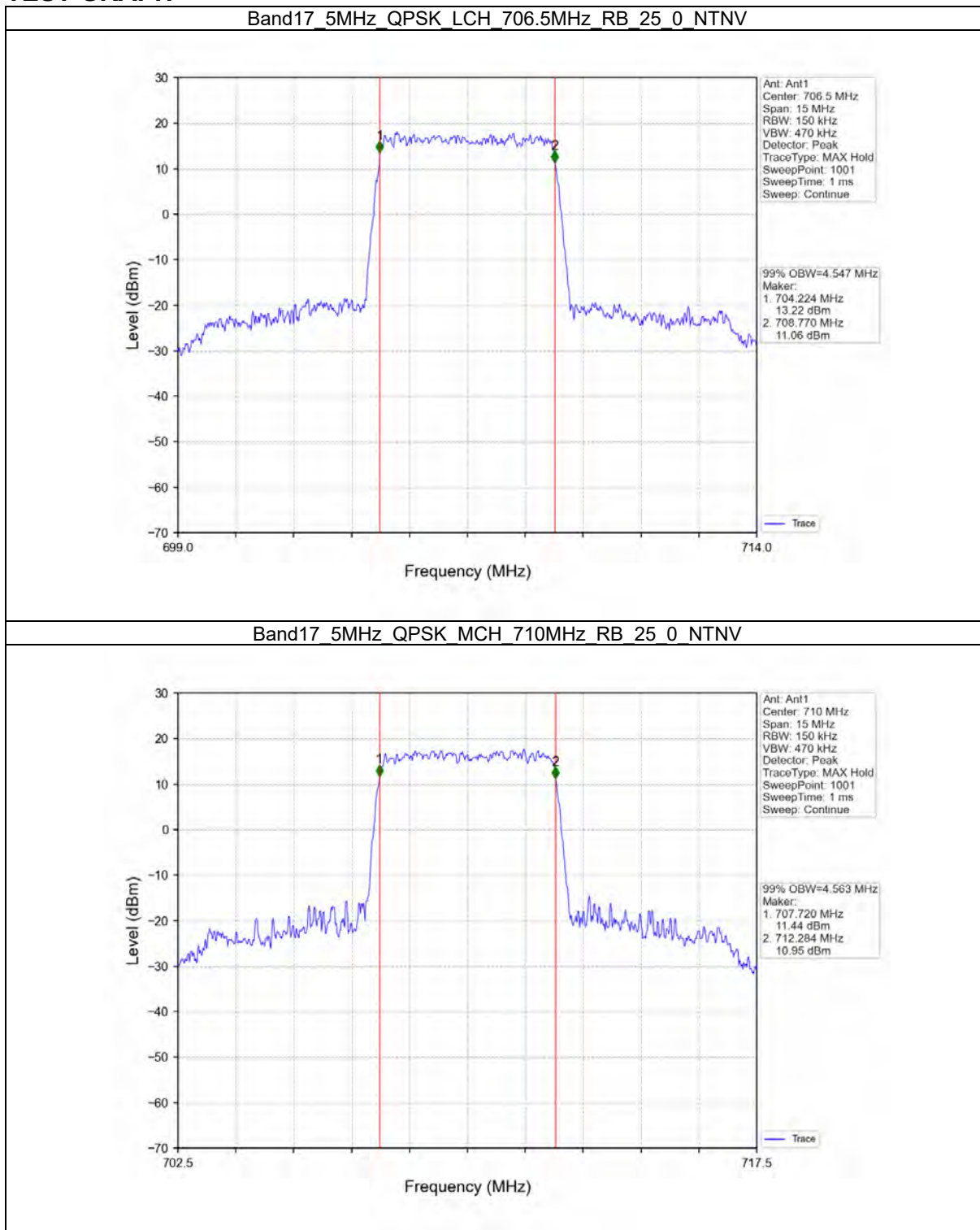
Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	6.29	0.01	-2.5 to 2.5	Pass
					3.85	4.22	0.01	-2.5 to 2.5	Pass
					4.43	-0.13	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-6.67	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-13.79	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-21.87	-0.03	-2.5 to 2.5	Pass
				0	3.85	-30.56	-0.04	-2.5 to 2.5	Pass
				10	3.85	-36.52	-0.05	-2.5 to 2.5	Pass
				30	3.85	-43.09	-0.06	-2.5 to 2.5	Pass
				40	3.85	1.83	0.00	-2.5 to 2.5	Pass
	710	50	0	20	3.85	-4.18	-0.01	-2.5 to 2.5	Pass
					3.27	-3.89	-0.01	-2.5 to 2.5	Pass
					3.85	-6.58	-0.01	-2.5 to 2.5	Pass
				-30	4.43	-11.44	-0.02	-2.5 to 2.5	Pass
					3.85	-13.52	-0.02	-2.5 to 2.5	Pass
					3.85	-19.17	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-24.30	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-32.41	-0.05	-2.5 to 2.5	Pass
				0	3.85	-35.63	-0.05	-2.5 to 2.5	Pass
				10	3.85	-41.07	-0.06	-2.5 to 2.5	Pass
	711	50	0	20	3.85	-46.48	-0.07	-2.5 to 2.5	Pass
					3.85	-3.53	-0.01	-2.5 to 2.5	Pass
					3.27	-2.29	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-6.84	-0.01	-2.5 to 2.5	Pass
					4.43	-8.61	-0.01	-2.5 to 2.5	Pass
					3.85	-12.20	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-20.43	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-26.85	-0.04	-2.5 to 2.5	Pass
				0	3.85	-33.36	-0.05	-2.5 to 2.5	Pass
				10	3.85	-34.13	-0.05	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.85	-37.62	-0.05	-2.5 to 2.5	Pass
					3.85	-38.51	-0.05	-2.5 to 2.5	Pass
					3.85	-43.45	-0.06	-2.5 to 2.5	Pass
				-30	3.27	-8.45	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-11.82	-0.02	-2.5 to 2.5	Pass
				-10	4.43	-13.59	-0.02	-2.5 to 2.5	Pass
				0	3.85	-15.38	-0.02	-2.5 to 2.5	Pass
				10	3.85	-18.41	-0.03	-2.5 to 2.5	Pass
				30	3.85	-20.24	-0.03	-2.5 to 2.5	Pass
				40	3.85	-19.78	-0.03	-2.5 to 2.5	Pass
	710	50	0	20	3.85	-19.57	-0.03	-2.5 to 2.5	Pass
					3.85	-19.77	-0.03	-2.5 to 2.5	Pass
					3.85	-21.44	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-21.90	-0.03	-2.5 to 2.5	Pass
				-20	3.27	-7.05	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.58	-0.01	-2.5 to 2.5	Pass
				0	4.43	-8.12	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.12	-0.01	-2.5 to 2.5	Pass
				30	3.85	-11.47	-0.02	-2.5 to 2.5	Pass
				40	3.85	-10.91	-0.02	-2.5 to 2.5	Pass
	711	50	0	20	3.85	-9.33	-0.01	-2.5 to 2.5	Pass
					3.85	-8.90	-0.01	-2.5 to 2.5	Pass
					3.85	-8.31	-0.01	-2.5 to 2.5	Pass
					3.85	-6.15	-0.01	-2.5 to 2.5	Pass
					3.85	-5.32	-0.01	-2.5 to 2.5	Pass
					3.85	-5.21	-0.01	-2.5 to 2.5	Pass
					3.27	-46.08	-0.06	-2.5 to 2.5	Pass
					3.85	-47.26	-0.07	-2.5 to 2.5	Pass

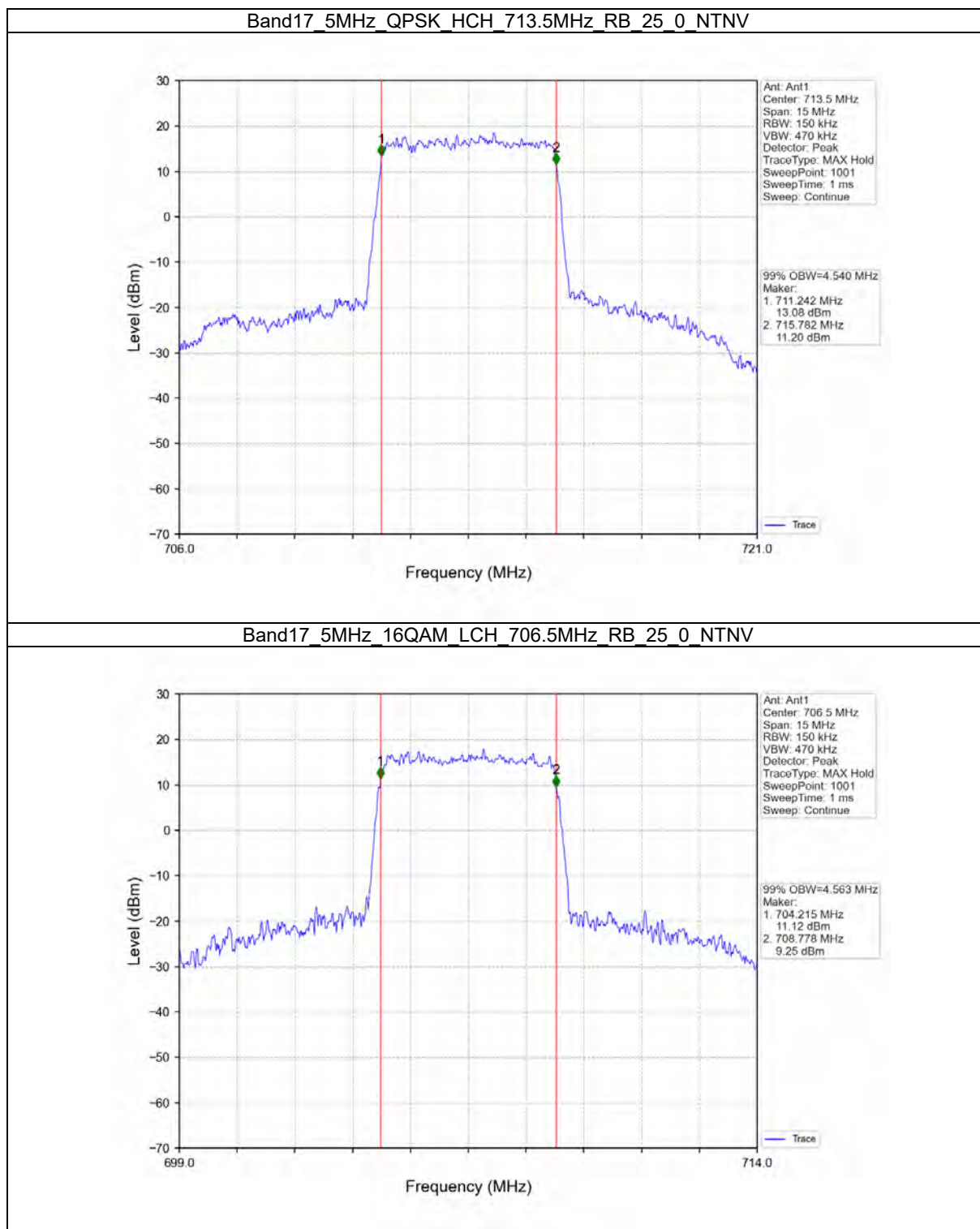
64QAM					4.43	-47.52	-0.07	-2.5 to 2.5	Pass
				-30	3.85	-49.54	-0.07	-2.5 to 2.5	Pass
				-20	3.85	-48.94	-0.07	-2.5 to 2.5	Pass
				-10	3.85	-48.04	-0.07	-2.5 to 2.5	Pass
				0	3.85	-47.08	-0.07	-2.5 to 2.5	Pass
				10	3.85	-45.22	-0.06	-2.5 to 2.5	Pass
				30	3.85	-45.32	-0.06	-2.5 to 2.5	Pass
				40	3.85	-44.86	-0.06	-2.5 to 2.5	Pass
				50	3.85	-41.48	-0.06	-2.5 to 2.5	Pass
	709	50	0	20	3.27	-24.29	-0.03	-2.5 to 2.5	Pass
					3.85	-22.69	-0.03	-2.5 to 2.5	Pass
					4.43	-22.62	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-20.79	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-16.79	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-15.81	-0.02	-2.5 to 2.5	Pass
				0	3.85	-16.16	-0.02	-2.5 to 2.5	Pass
				10	3.85	-13.52	-0.02	-2.5 to 2.5	Pass
				30	3.85	-10.91	-0.02	-2.5 to 2.5	Pass
				40	3.85	-9.91	-0.01	-2.5 to 2.5	Pass
				50	3.85	-10.04	-0.01	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.68	-0.01	-2.5 to 2.5	Pass
					3.85	0.34	0.00	-2.5 to 2.5	Pass
					4.43	3.38	0.00	-2.5 to 2.5	Pass
				-30	3.85	6.31	0.01	-2.5 to 2.5	Pass
				-20	3.85	8.96	0.01	-2.5 to 2.5	Pass
				-10	3.85	15.44	0.02	-2.5 to 2.5	Pass
				0	3.85	19.96	0.03	-2.5 to 2.5	Pass
				10	3.85	24.43	0.03	-2.5 to 2.5	Pass
				30	3.85	26.16	0.04	-2.5 to 2.5	Pass
				40	3.85	32.60	0.05	-2.5 to 2.5	Pass
				50	3.85	31.01	0.04	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-40.14	-0.06	-2.5 to 2.5	Pass
					3.85	-36.09	-0.05	-2.5 to 2.5	Pass
					4.43	-30.68	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-26.71	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-22.09	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-20.56	-0.03	-2.5 to 2.5	Pass
				0	3.85	-15.28	-0.02	-2.5 to 2.5	Pass
				10	3.85	-13.00	-0.02	-2.5 to 2.5	Pass
				30	3.85	-8.73	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.27	-0.01	-2.5 to 2.5	Pass
				50	3.85	-4.48	-0.01	-2.5 to 2.5	Pass

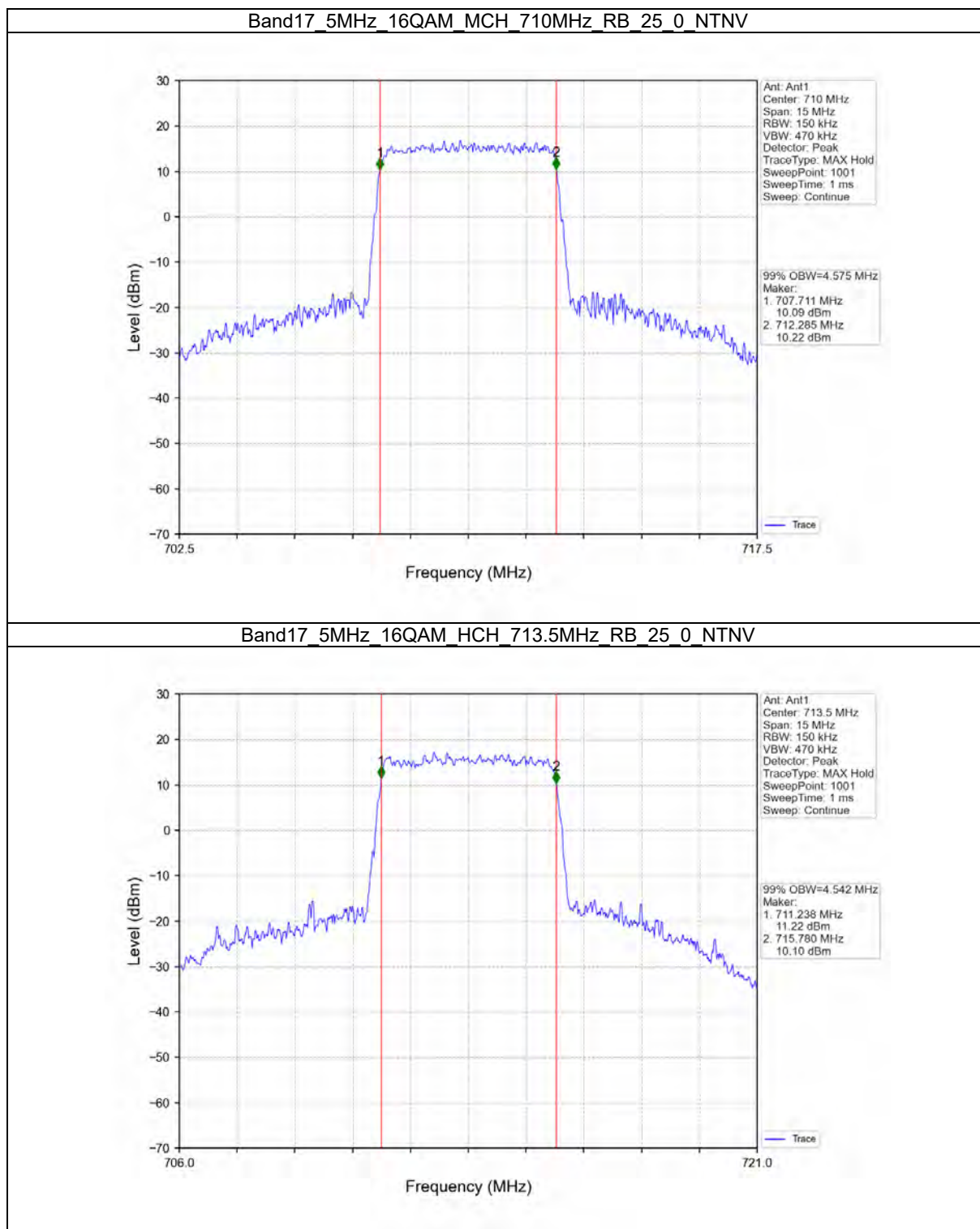
99% & 26DB BANDWIDTH 99%_OBW TEST RESULT

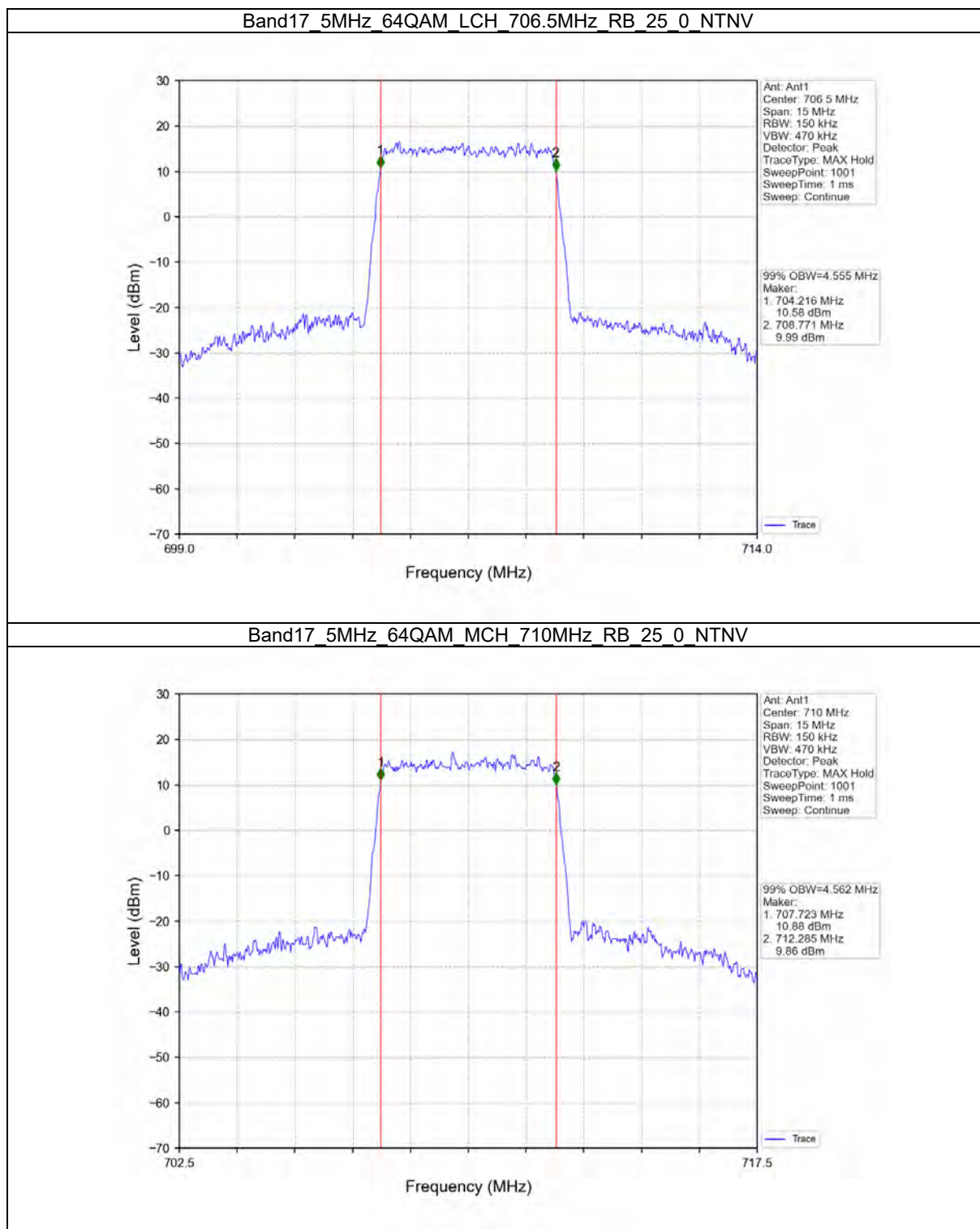
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.547	Pass
		710	25	0	4.563	Pass
		713.5	25	0	4.540	Pass
	16QAM	706.5	25	0	4.563	Pass
		710	25	0	4.575	Pass
		713.5	25	0	4.542	Pass
	64QAM	706.5	25	0	4.555	Pass
		710	25	0	4.562	Pass
		713.5	25	0	4.551	Pass
10	QPSK	709	50	0	9.089	Pass
		710	50	0	9.064	Pass
		711	50	0	9.084	Pass
	16QAM	709	50	0	9.069	Pass
		710	50	0	9.098	Pass
		711	50	0	9.062	Pass
	64QAM	709	50	0	9.096	Pass
		710	50	0	9.055	Pass
		711	50	0	9.055	Pass

TEST GRAPH

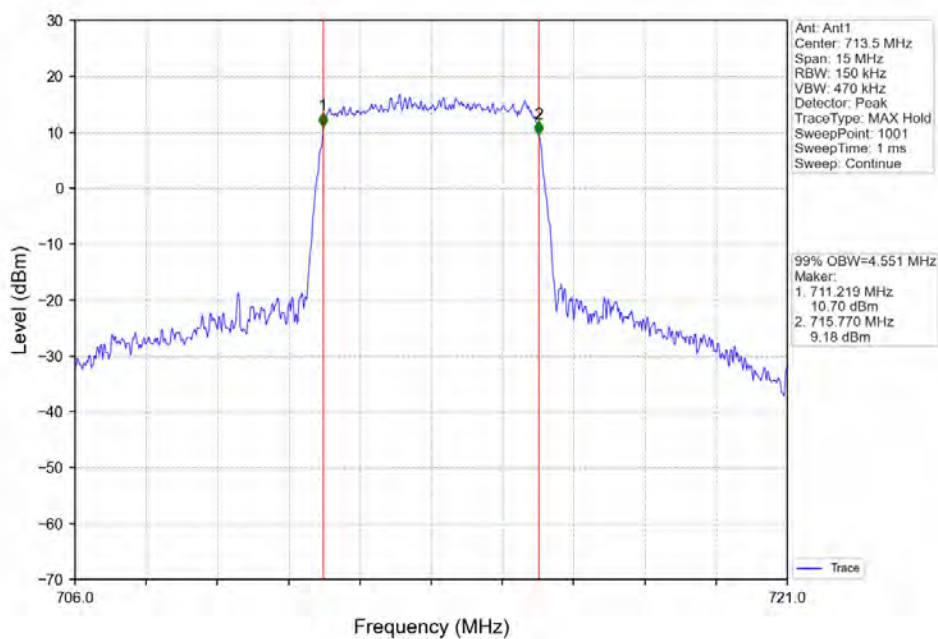




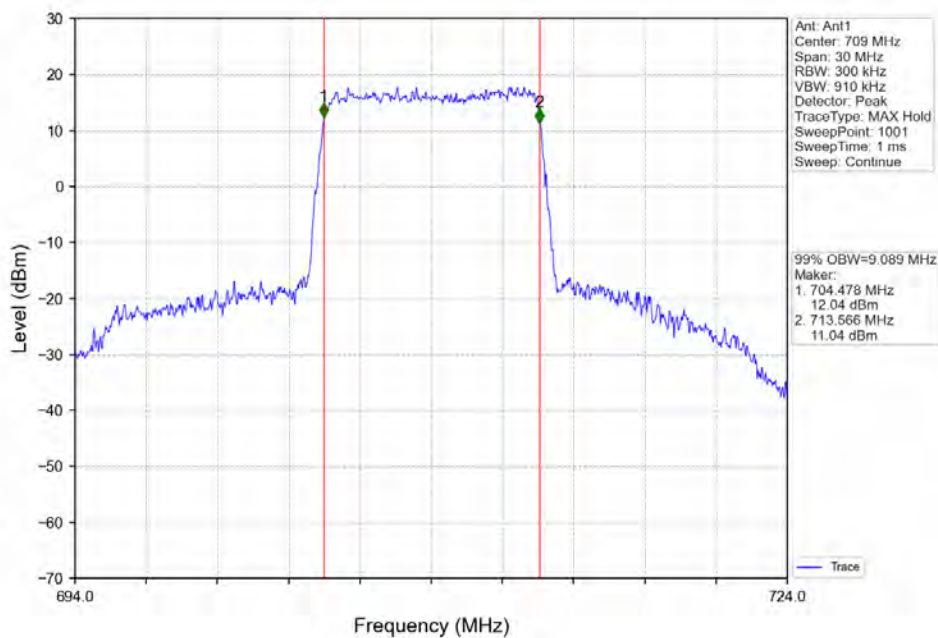


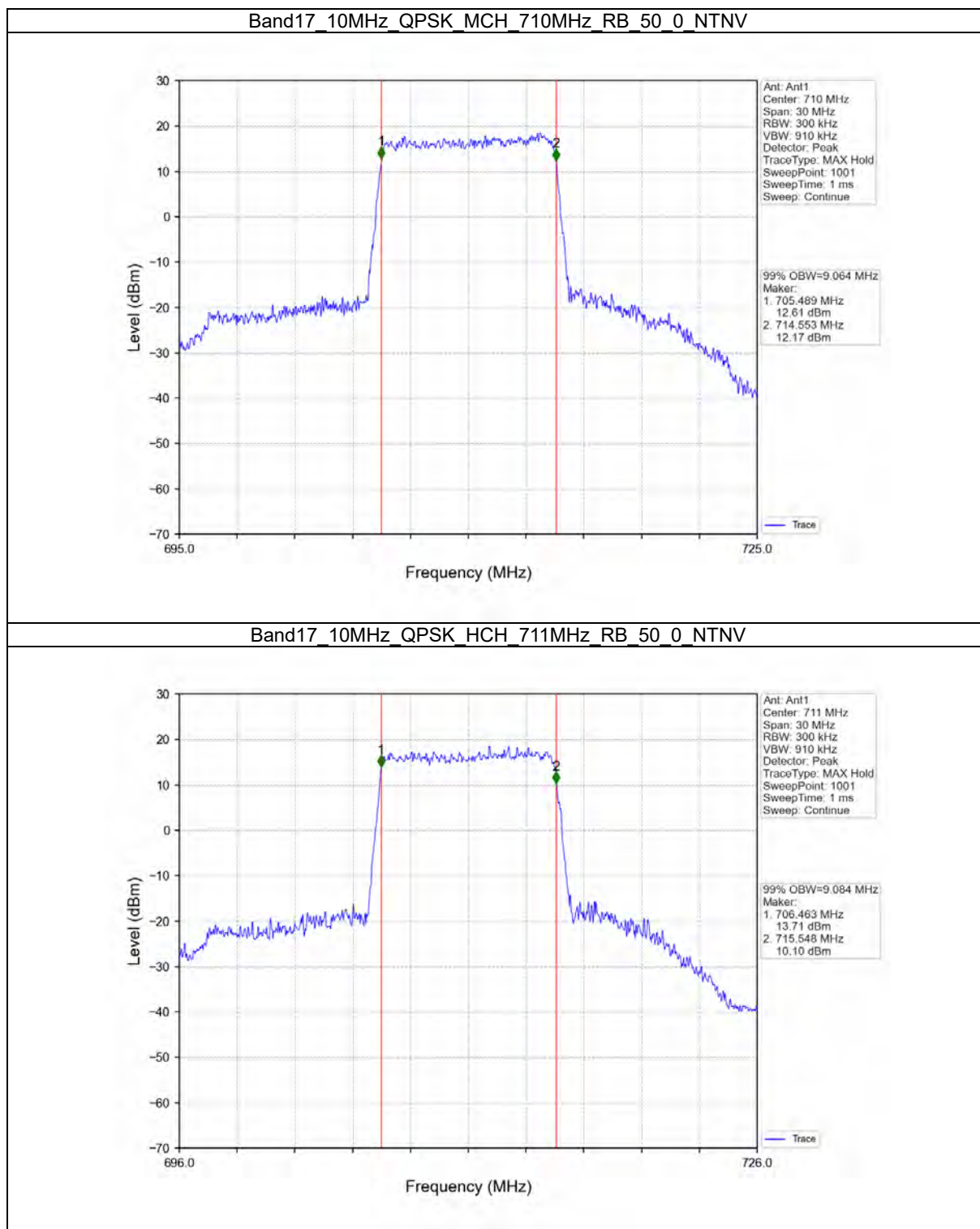


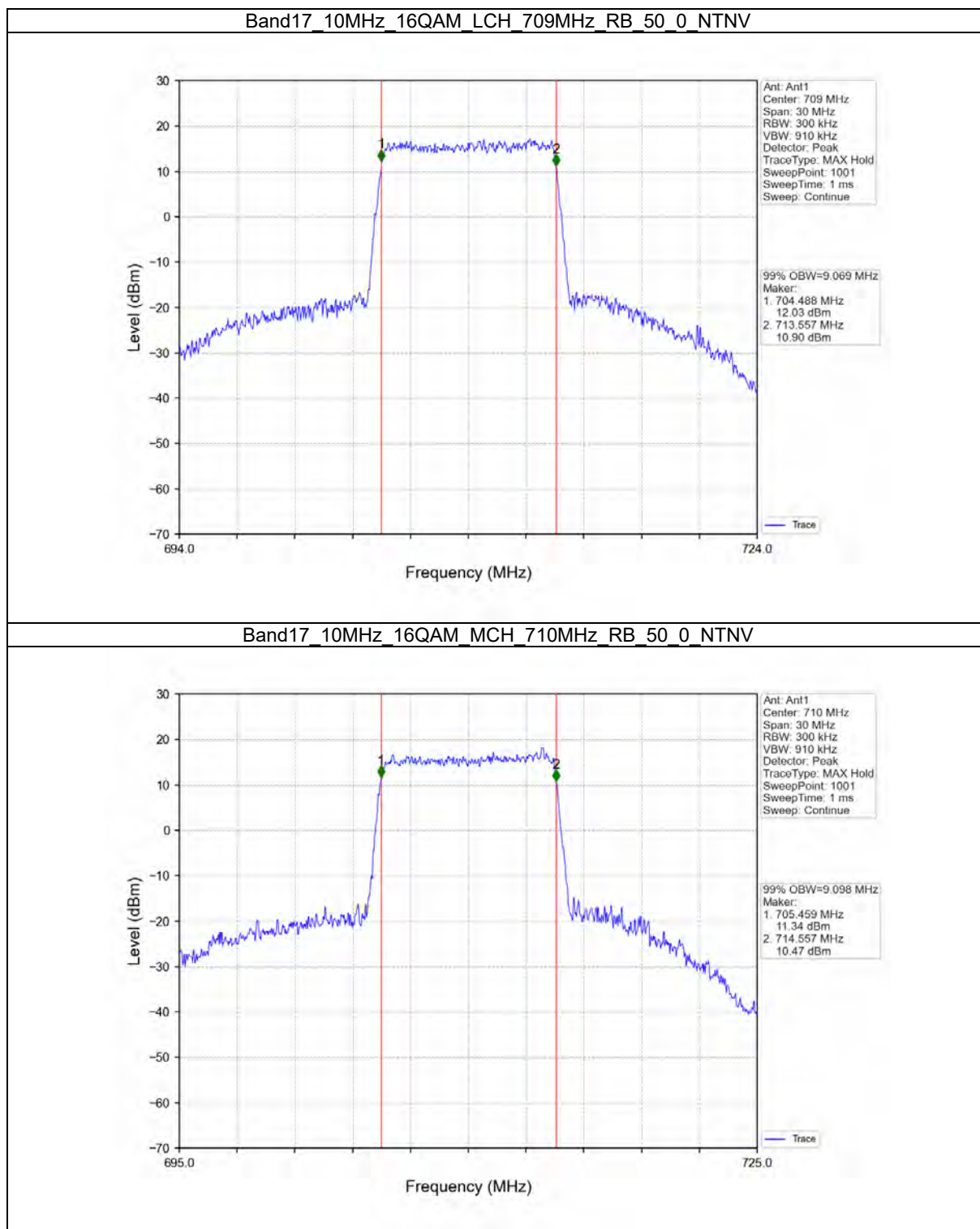
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



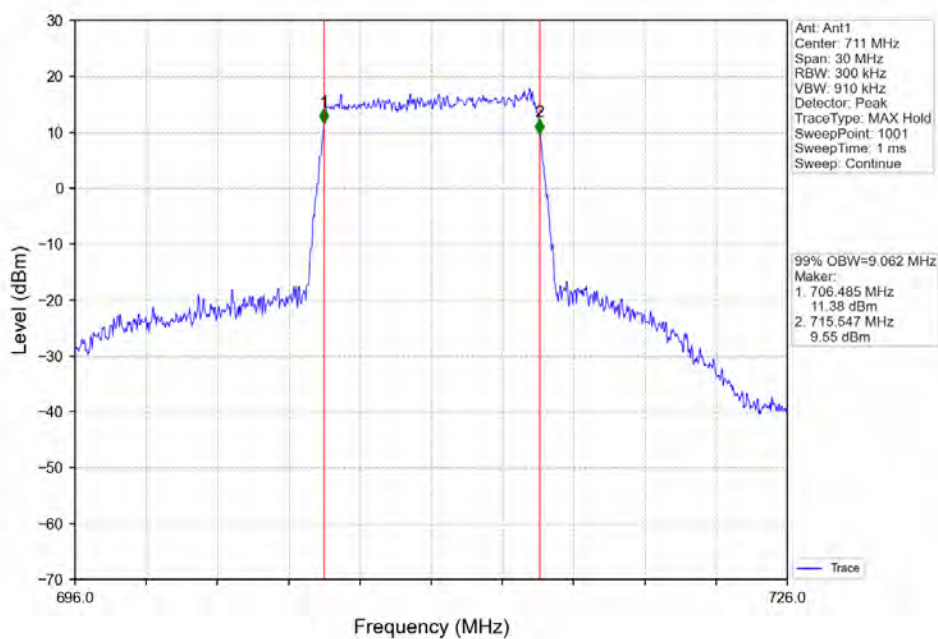
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



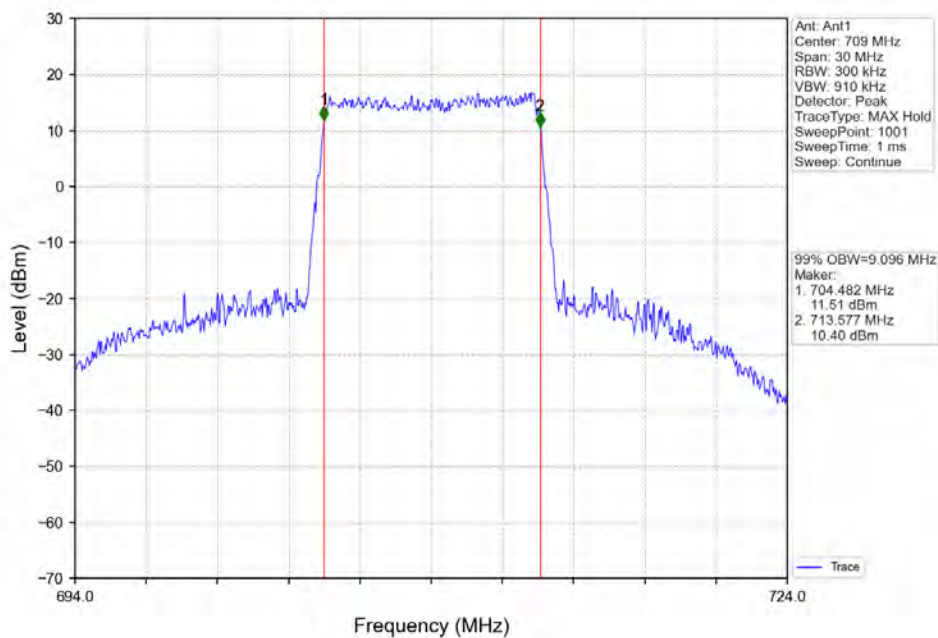




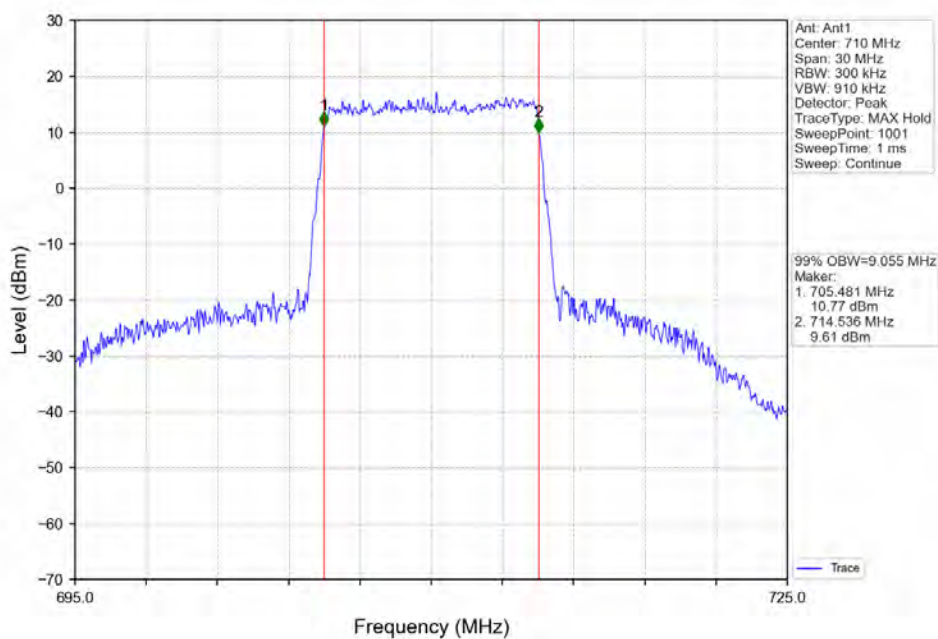
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



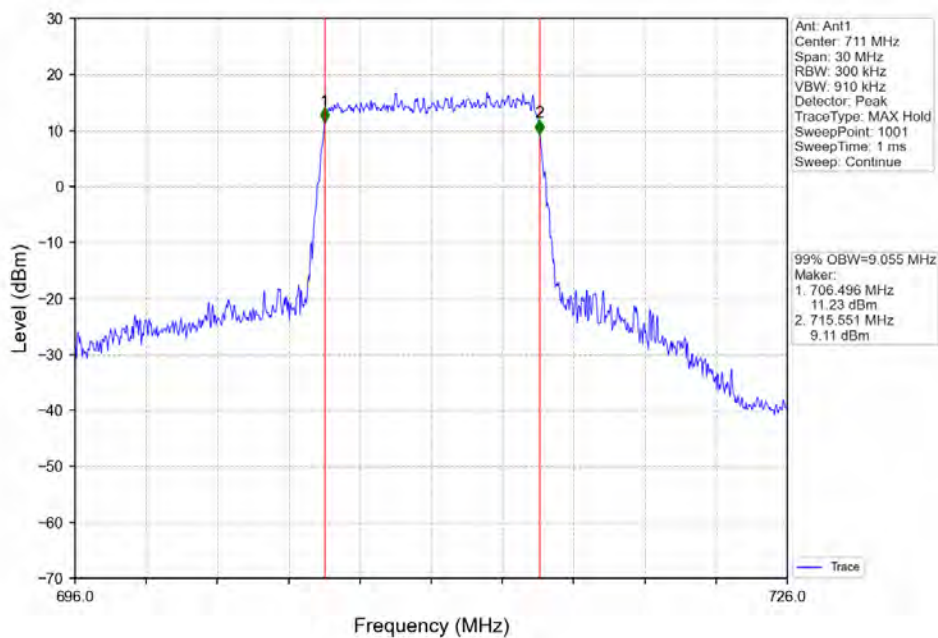
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



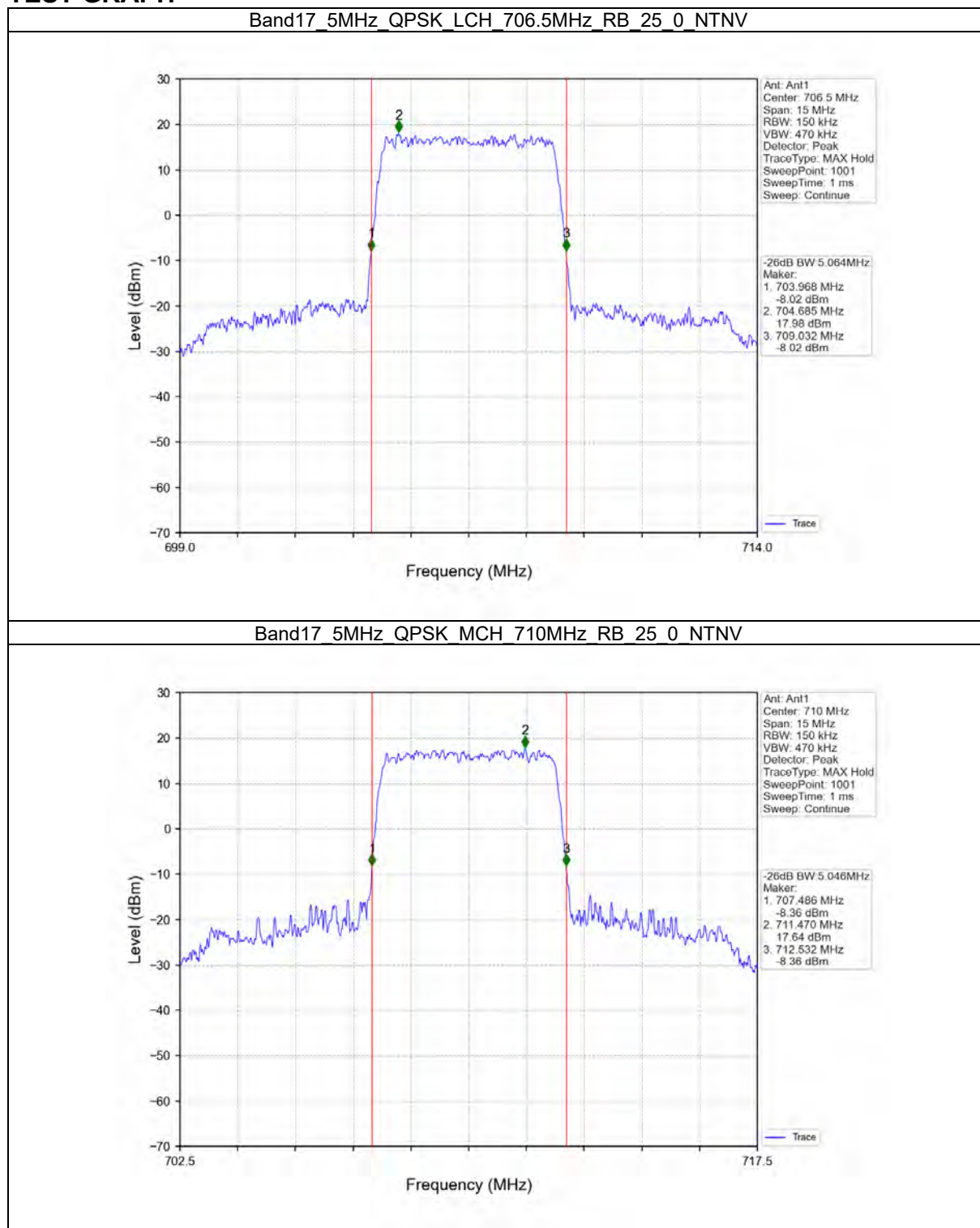
Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

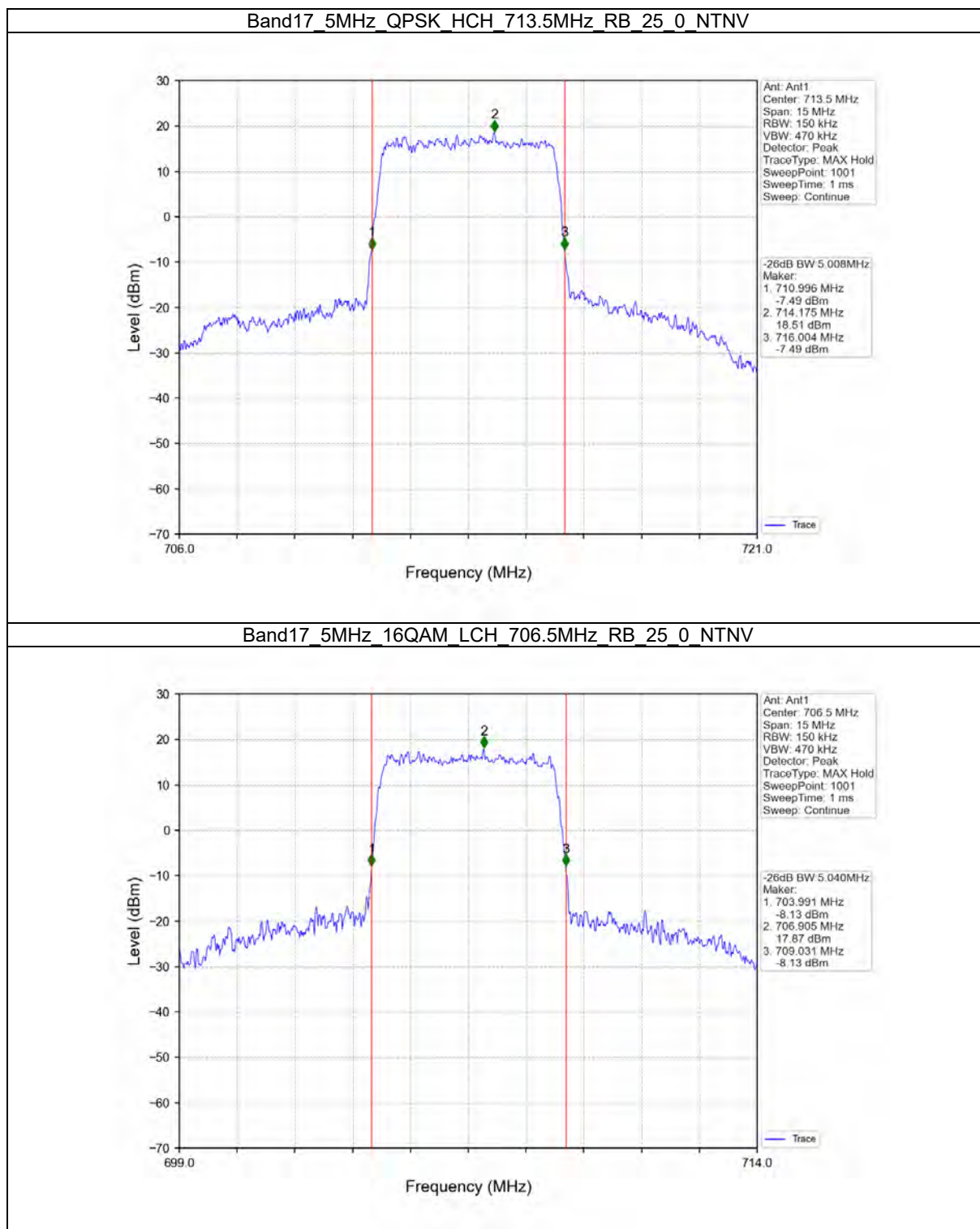


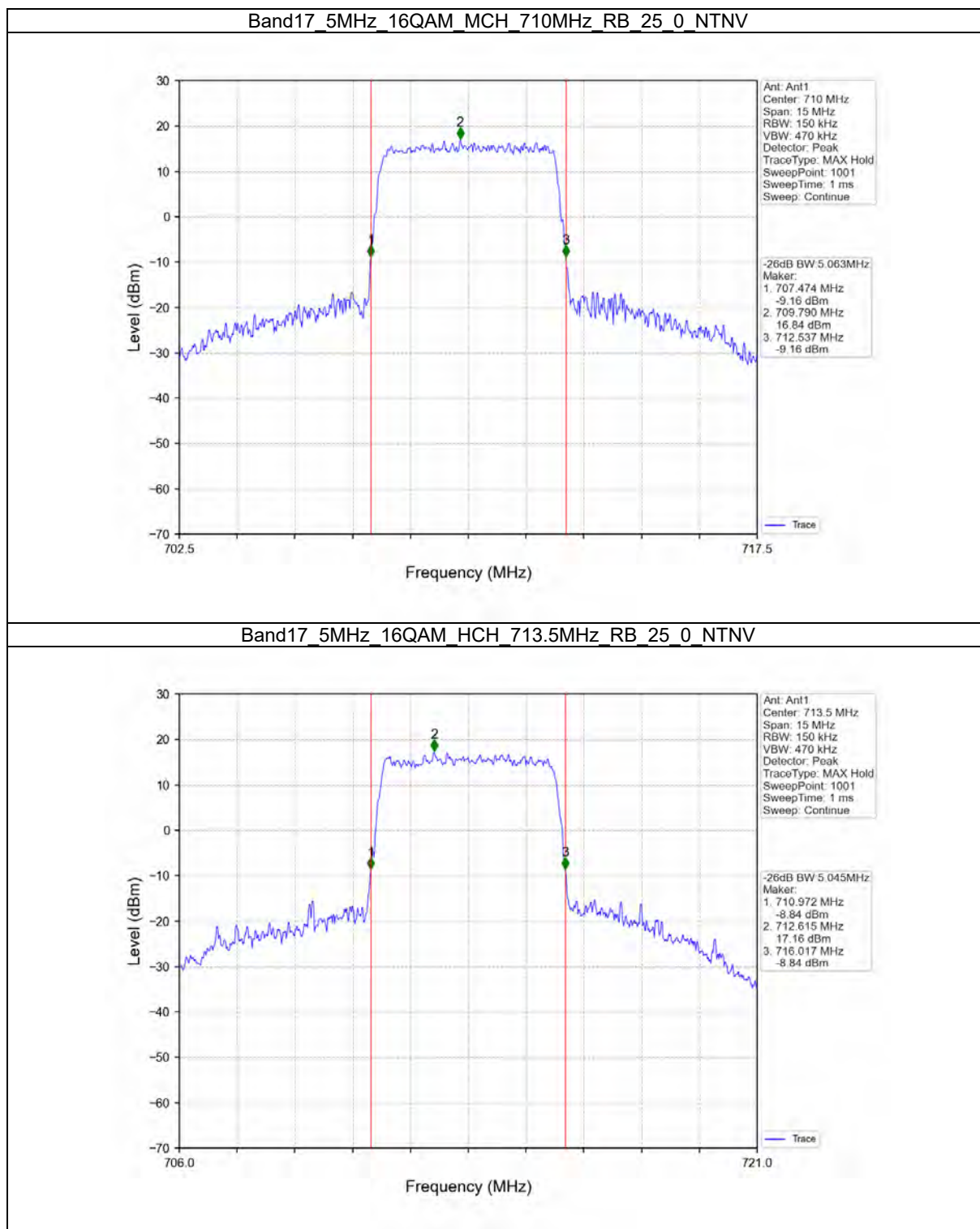
26DB OBW TEST RESULT

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.064	Pass
		710	25	0	5.046	Pass
		713.5	25	0	5.008	Pass
	16QAM	706.5	25	0	5.040	Pass
		710	25	0	5.063	Pass
		713.5	25	0	5.045	Pass
	64QAM	706.5	25	0	5.072	Pass
		710	25	0	5.047	Pass
10	QPSK	713.5	25	0	5.041	Pass
	16QAM	709	50	0	10.051	Pass
		710	50	0	10.036	Pass
		711	50	0	10.047	Pass
		709	50	0	10.029	Pass
		710	50	0	10.002	Pass
		711	50	0	10.011	Pass
	64QAM	709	50	0	10.058	Pass
		710	50	0	10.060	Pass
		711	50	0	10.033	Pass

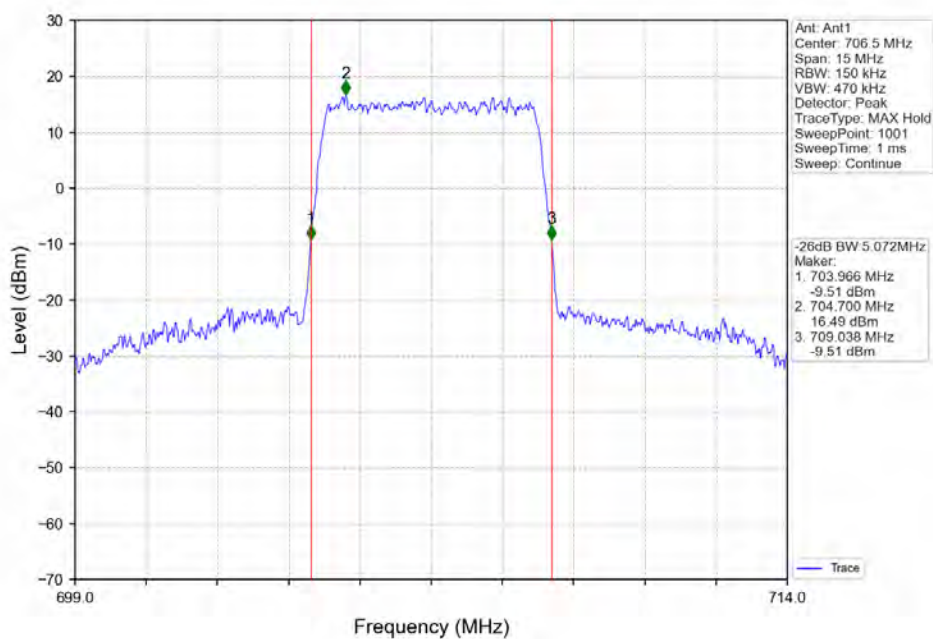
TEST GRAPH



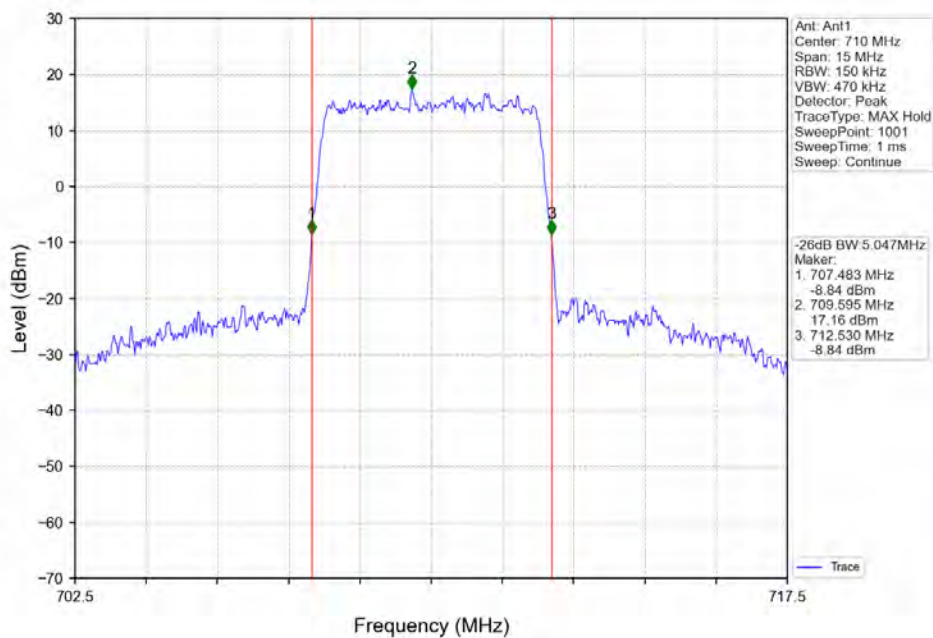




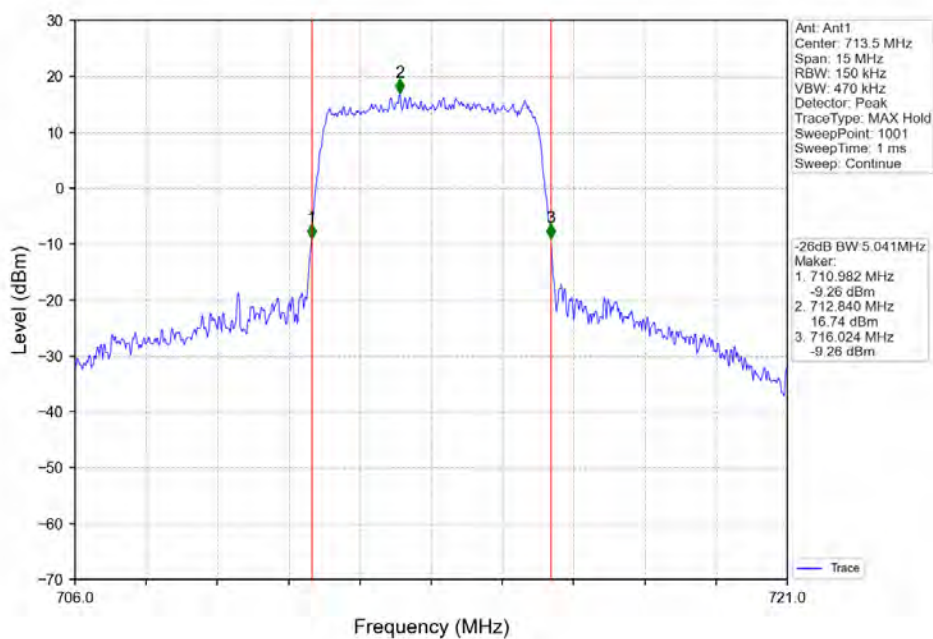
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



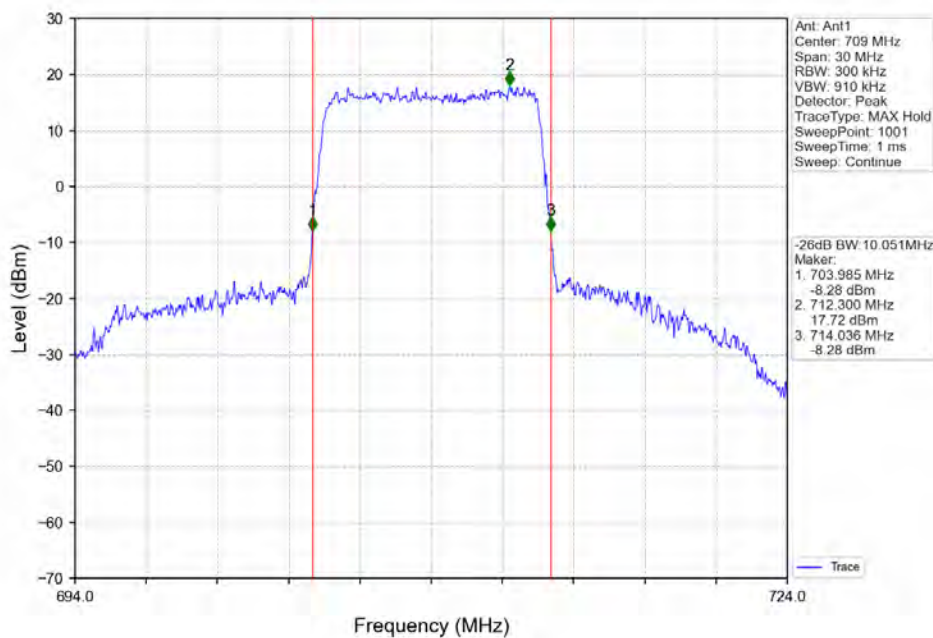
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV

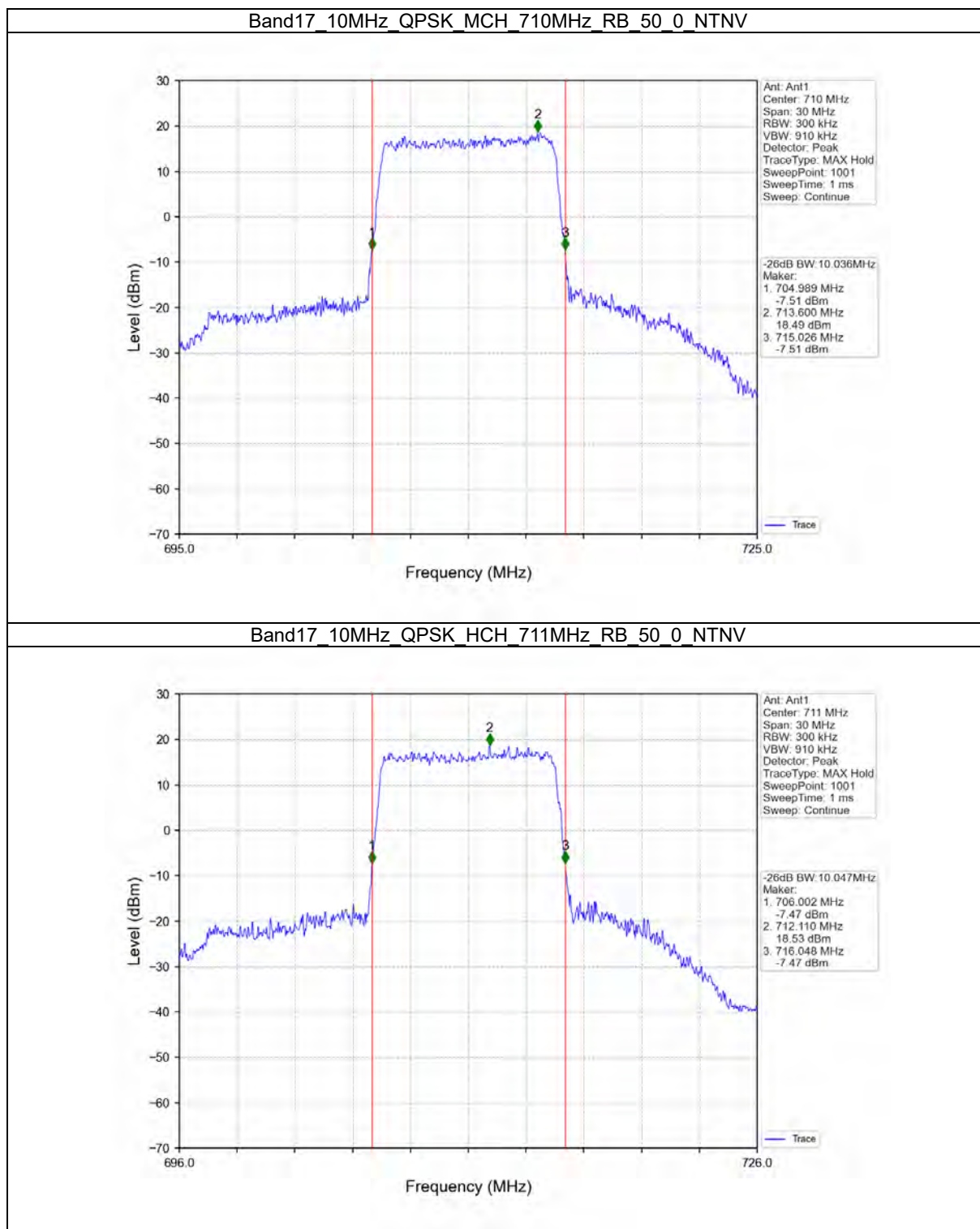


Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV

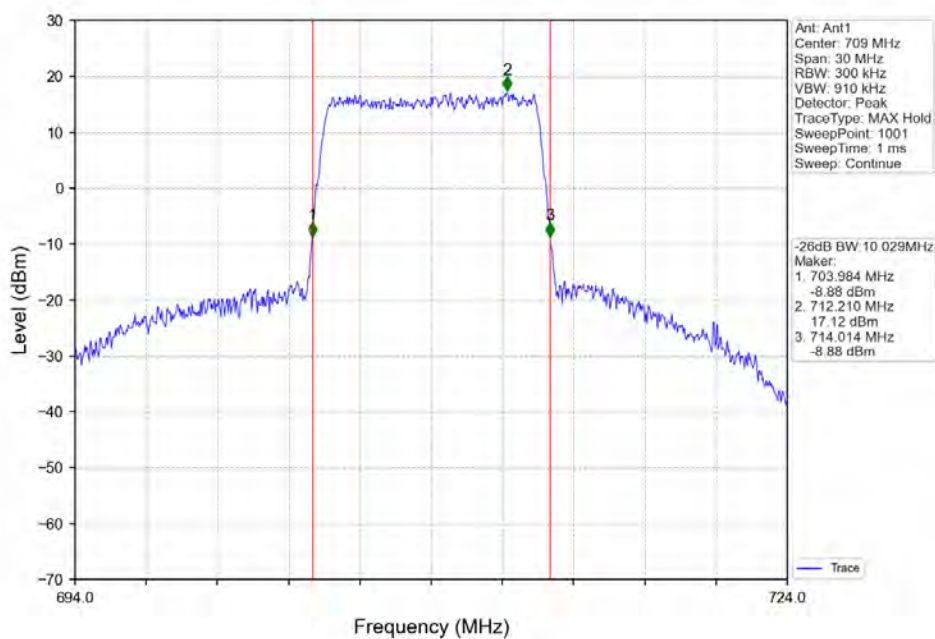


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

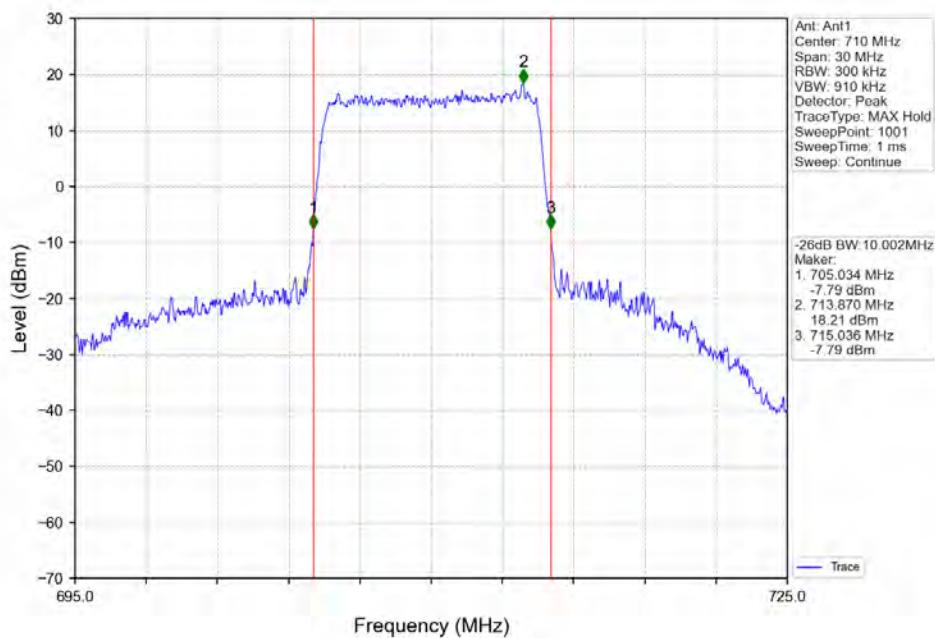




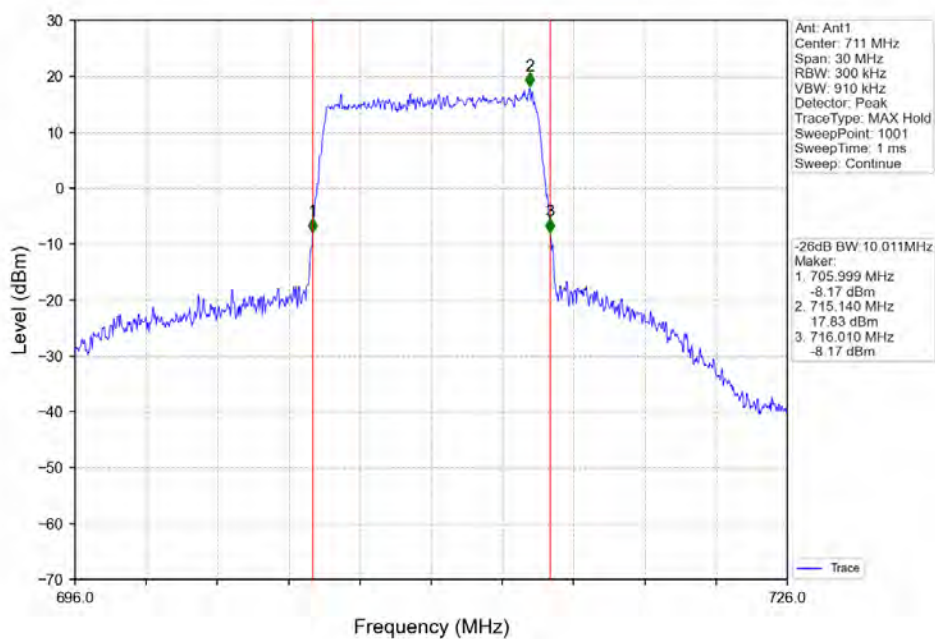
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



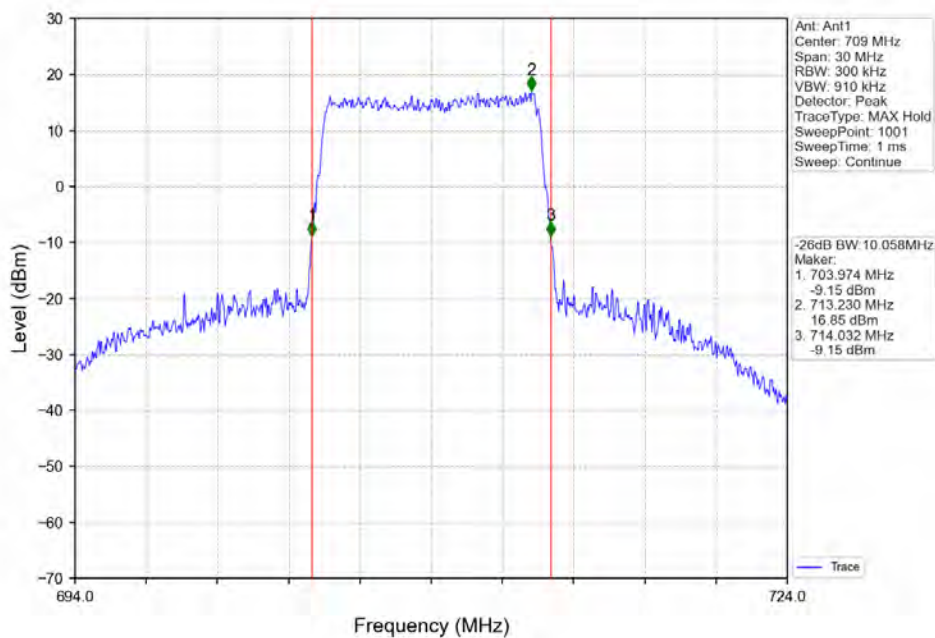
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



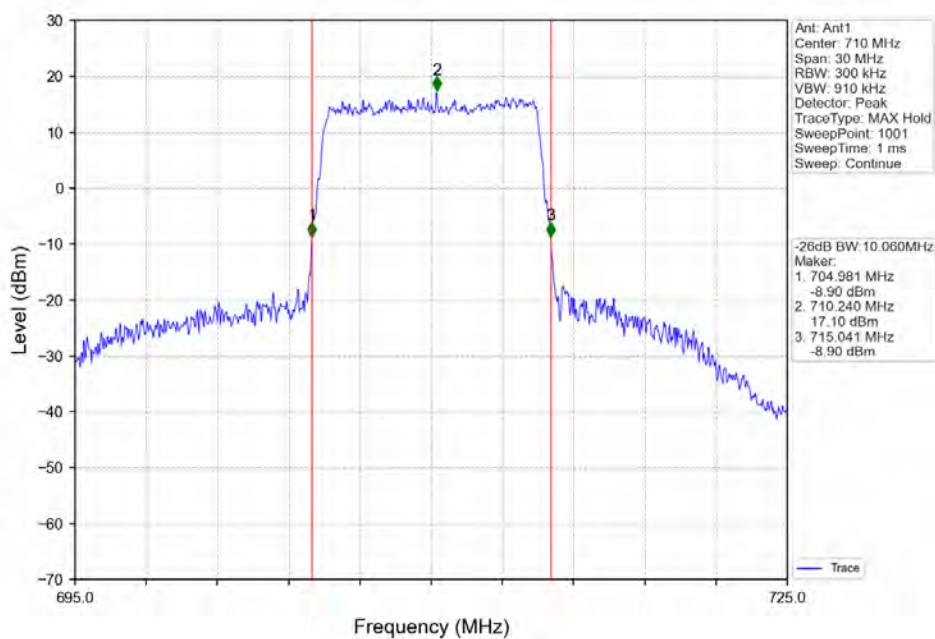
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



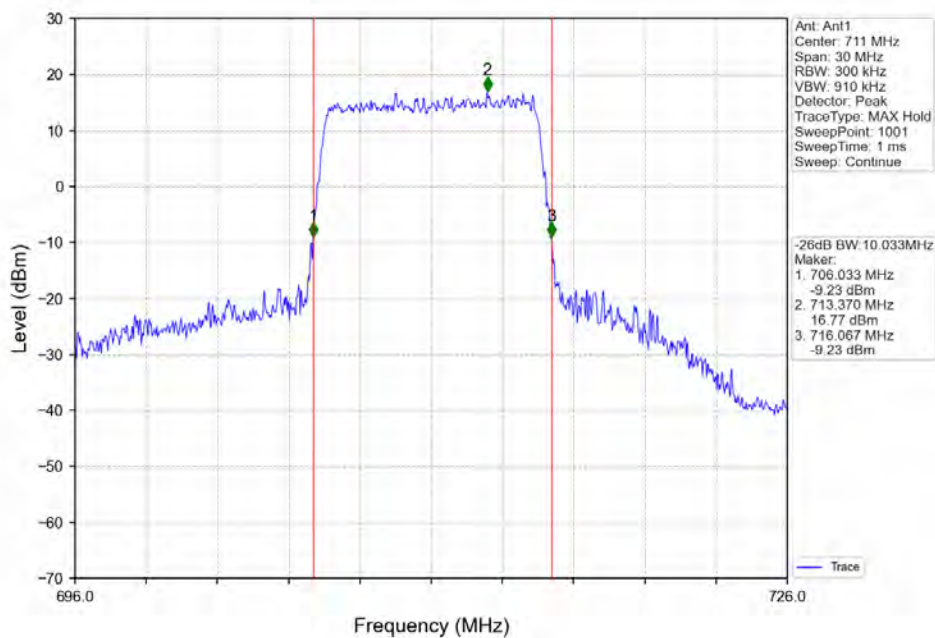
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



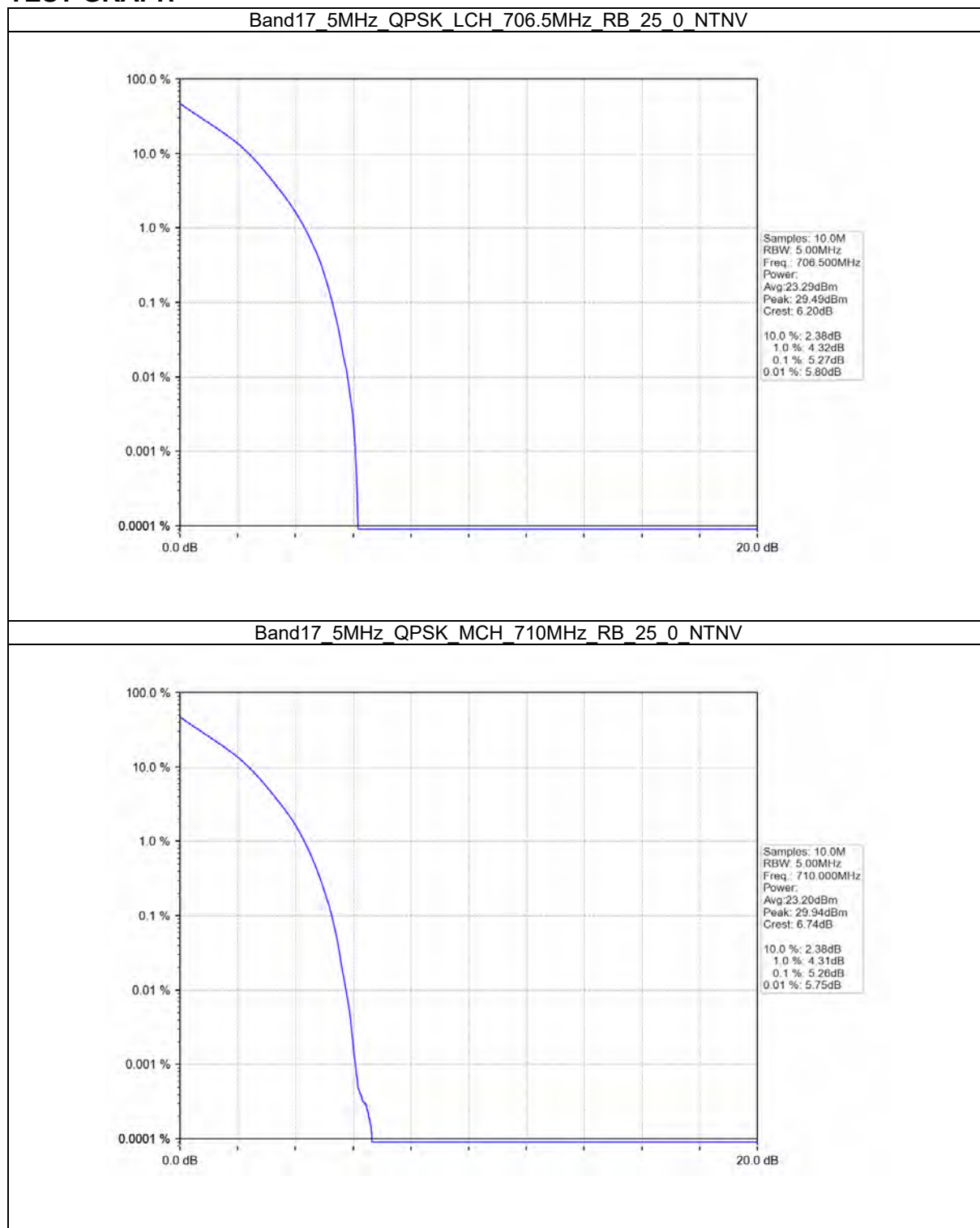


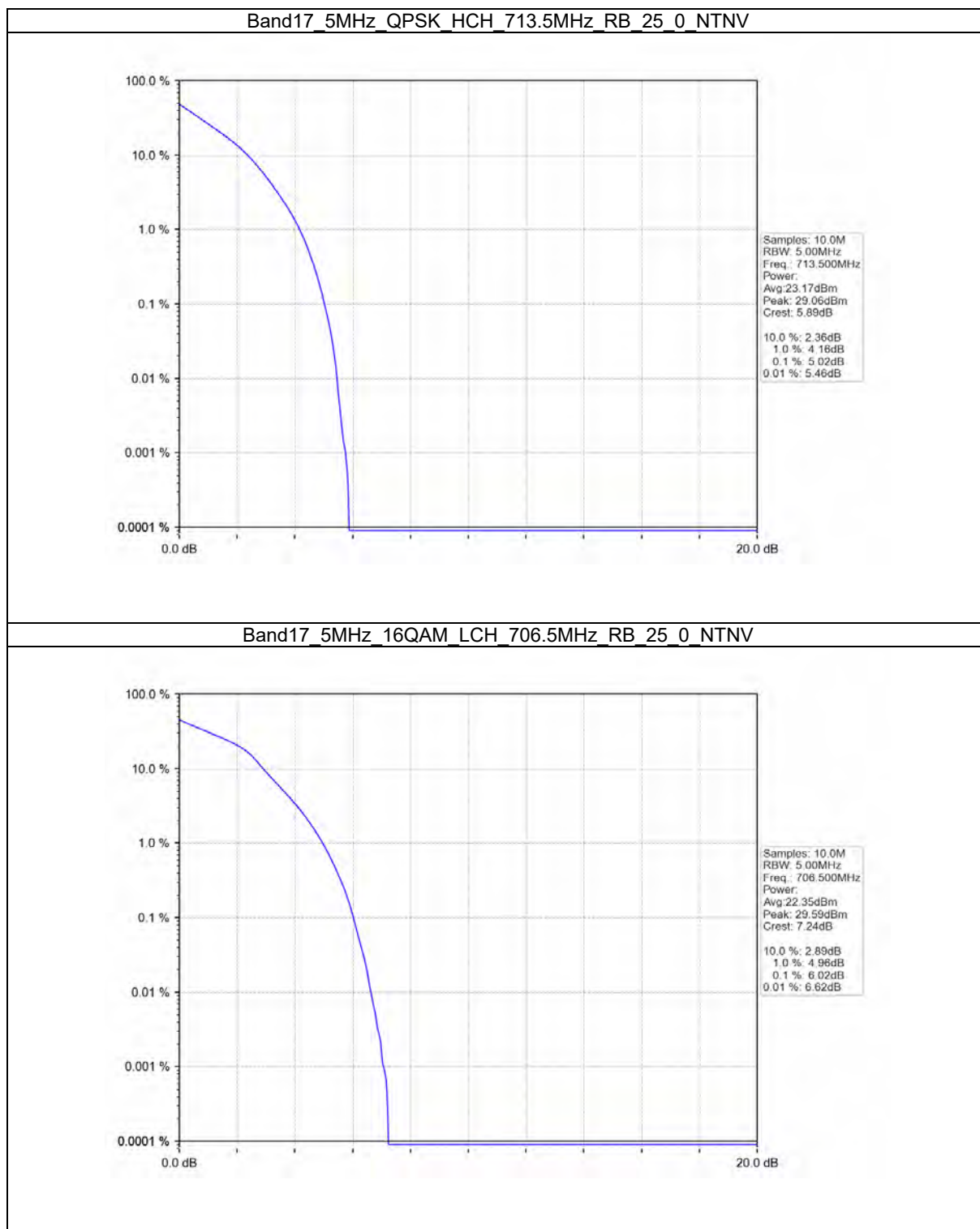
Test Report No.: W7L-P21100018-1RF06

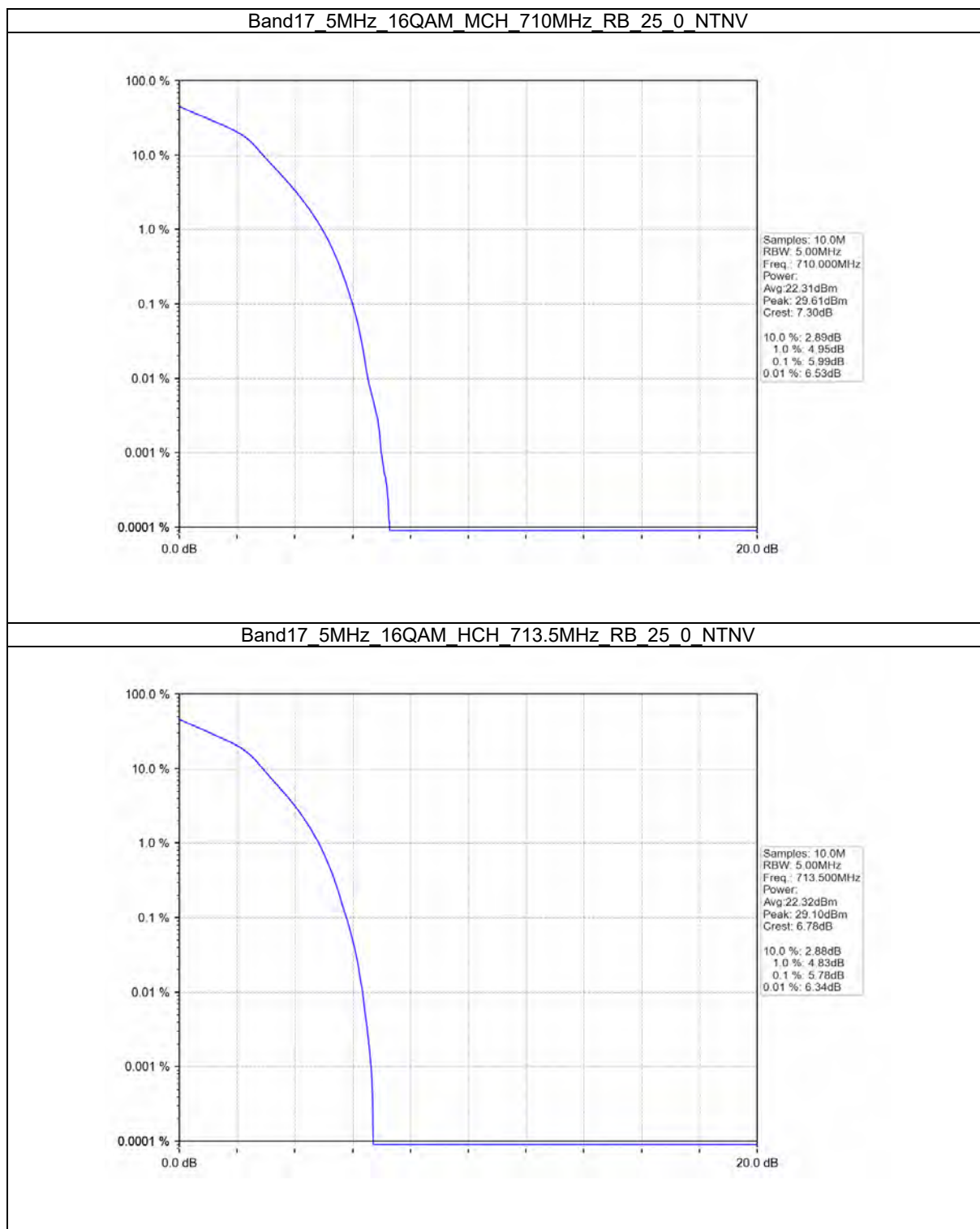
PEAK-AVERAGE RATIO B17_5MHZ TEST RESULT

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.27	<=13	Pass
	710	25	0	5.26	<=13	Pass
	713.5	25	0	5.02	<=13	Pass
16QAM	706.5	25	0	6.02	<=13	Pass
	710	25	0	5.99	<=13	Pass
	713.5	25	0	5.78	<=13	Pass
64QAM	706.5	25	0	6.40	<=13	Pass
	710	25	0	6.41	<=13	Pass
	713.5	25	0	6.29	<=13	Pass

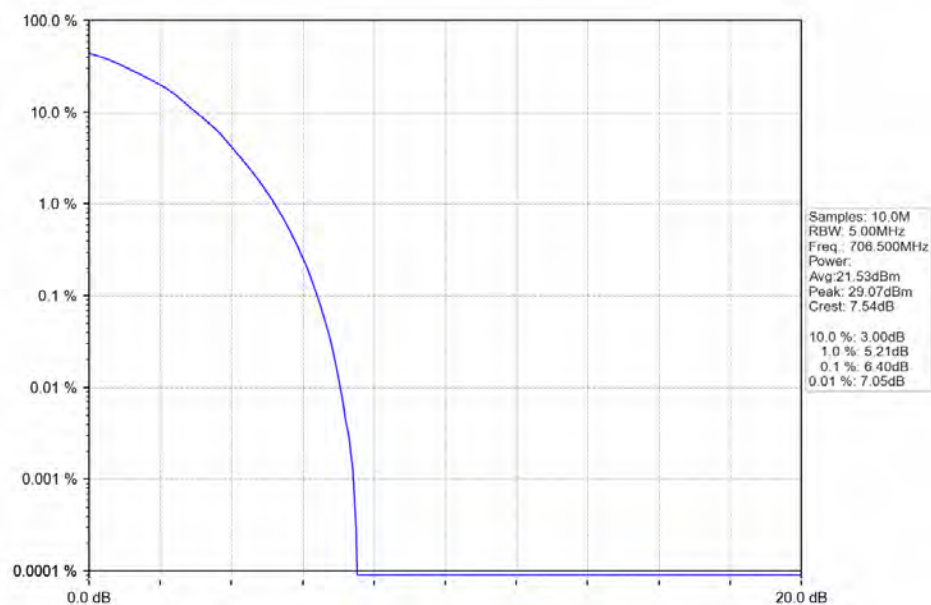
TEST GRAPH



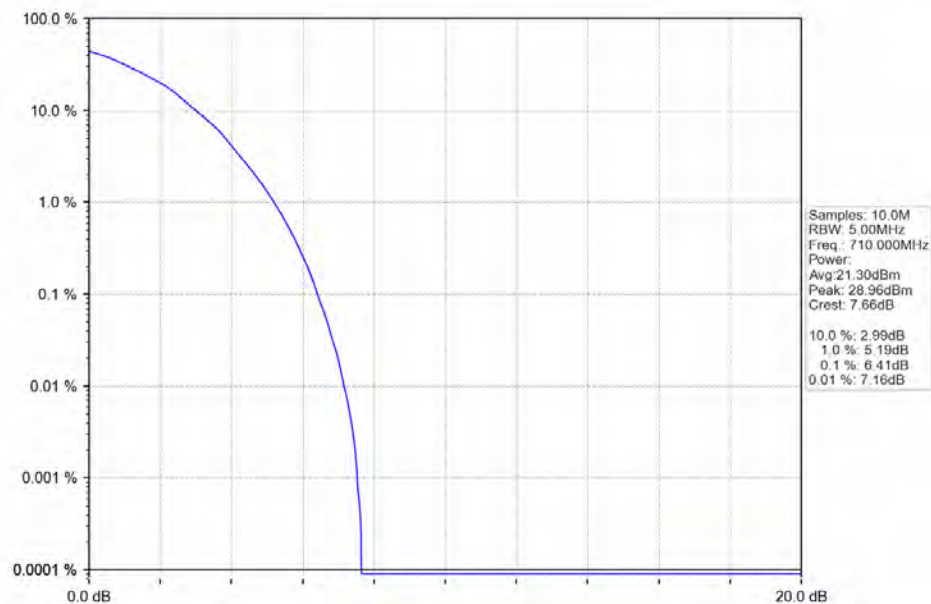


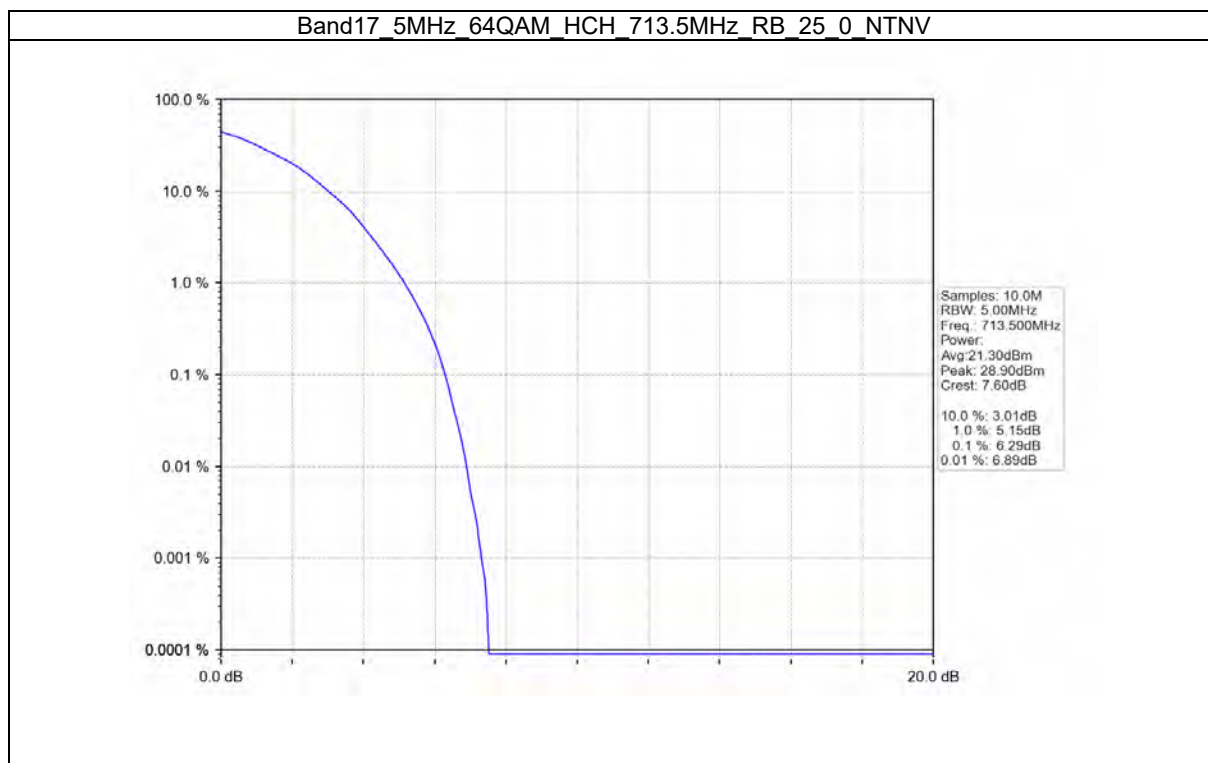


Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV

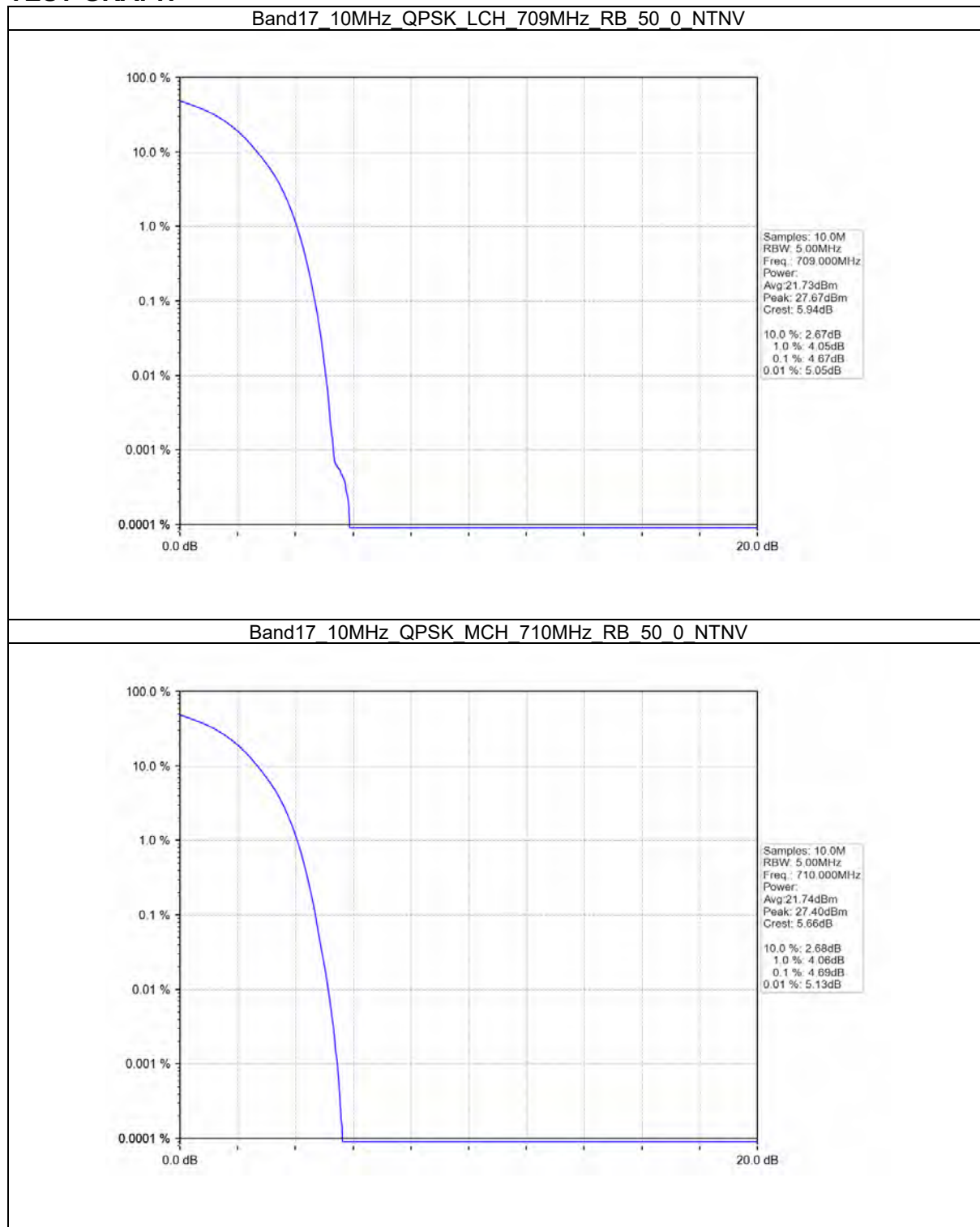




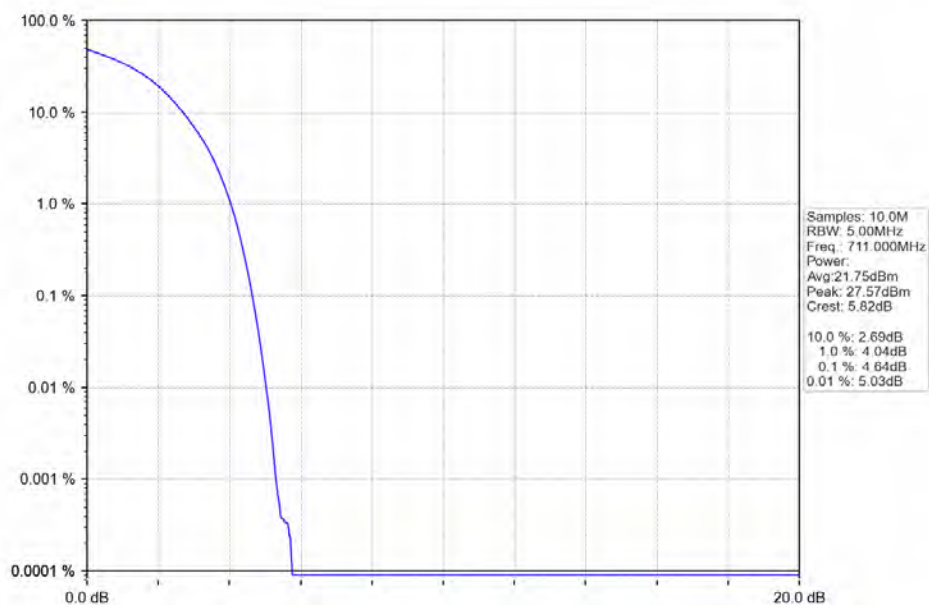
B17_10MHZ TEST RESULT

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.67	<=13	Pass
	710	50	0	4.69	<=13	Pass
	711	50	0	4.64	<=13	Pass
16QAM	709	50	0	6.10	<=13	Pass
	710	50	0	6.05	<=13	Pass
	711	50	0	6.09	<=13	Pass
64QAM	709	50	0	6.41	<=13	Pass
	710	50	0	6.42	<=13	Pass
	711	50	0	6.43	<=13	Pass

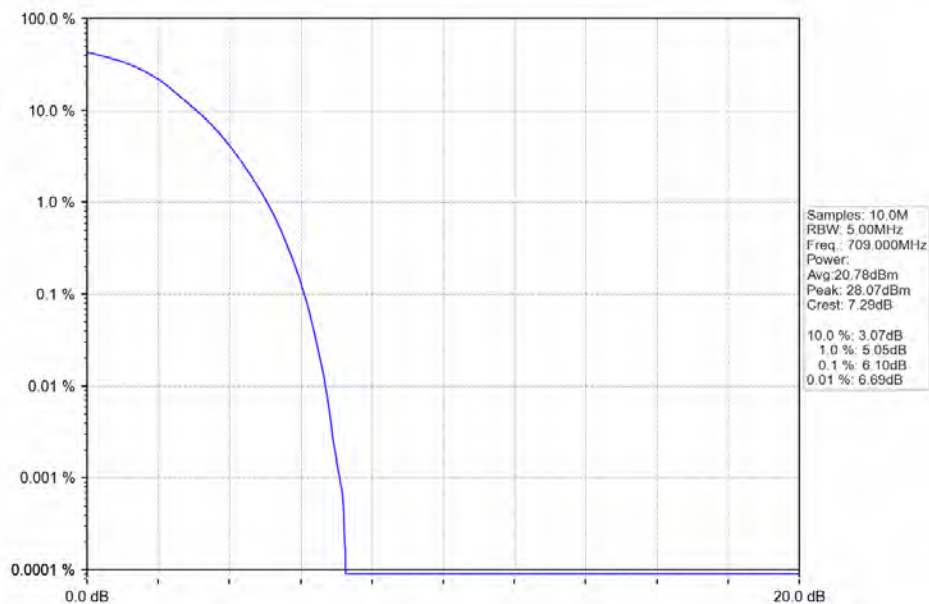
TEST GRAPH



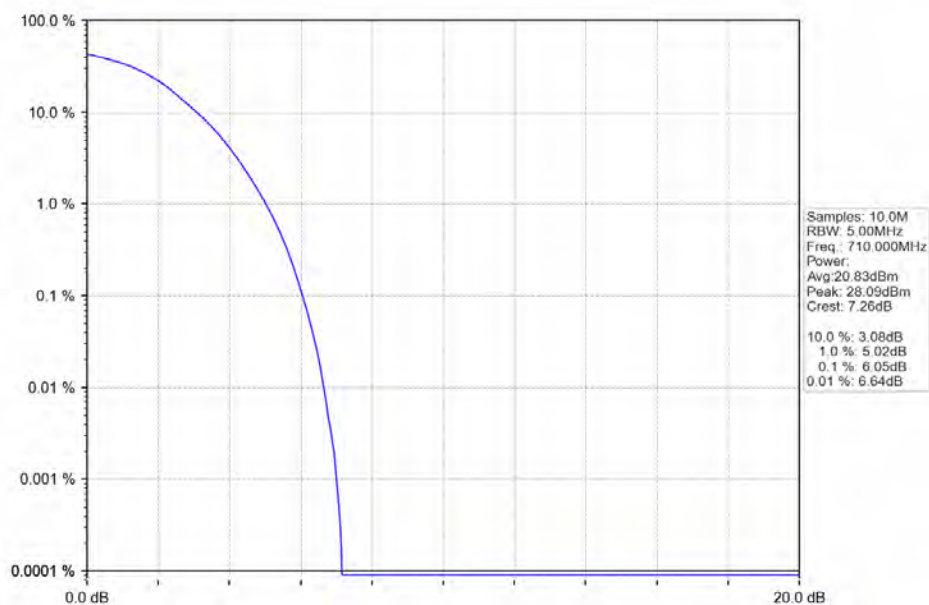
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



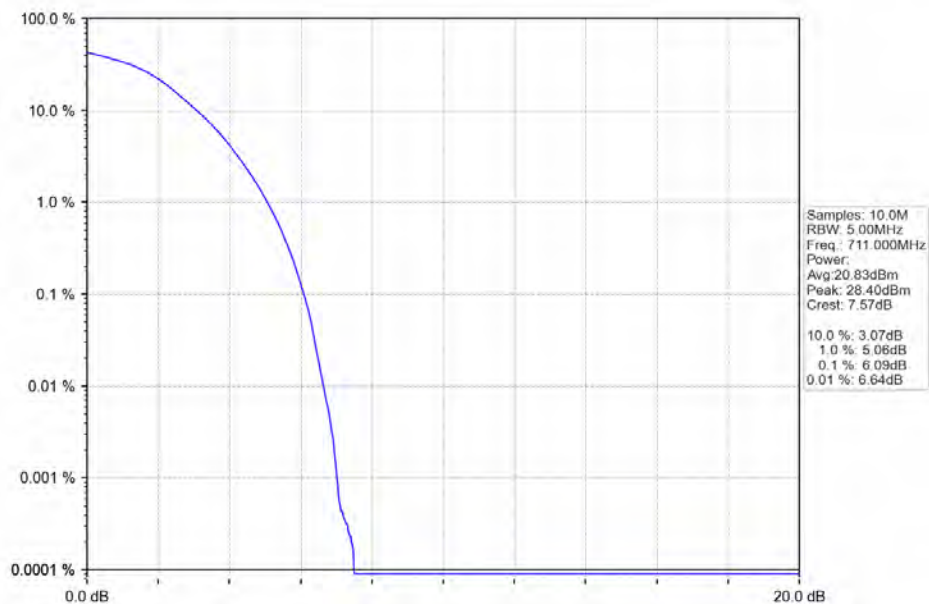
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTNV

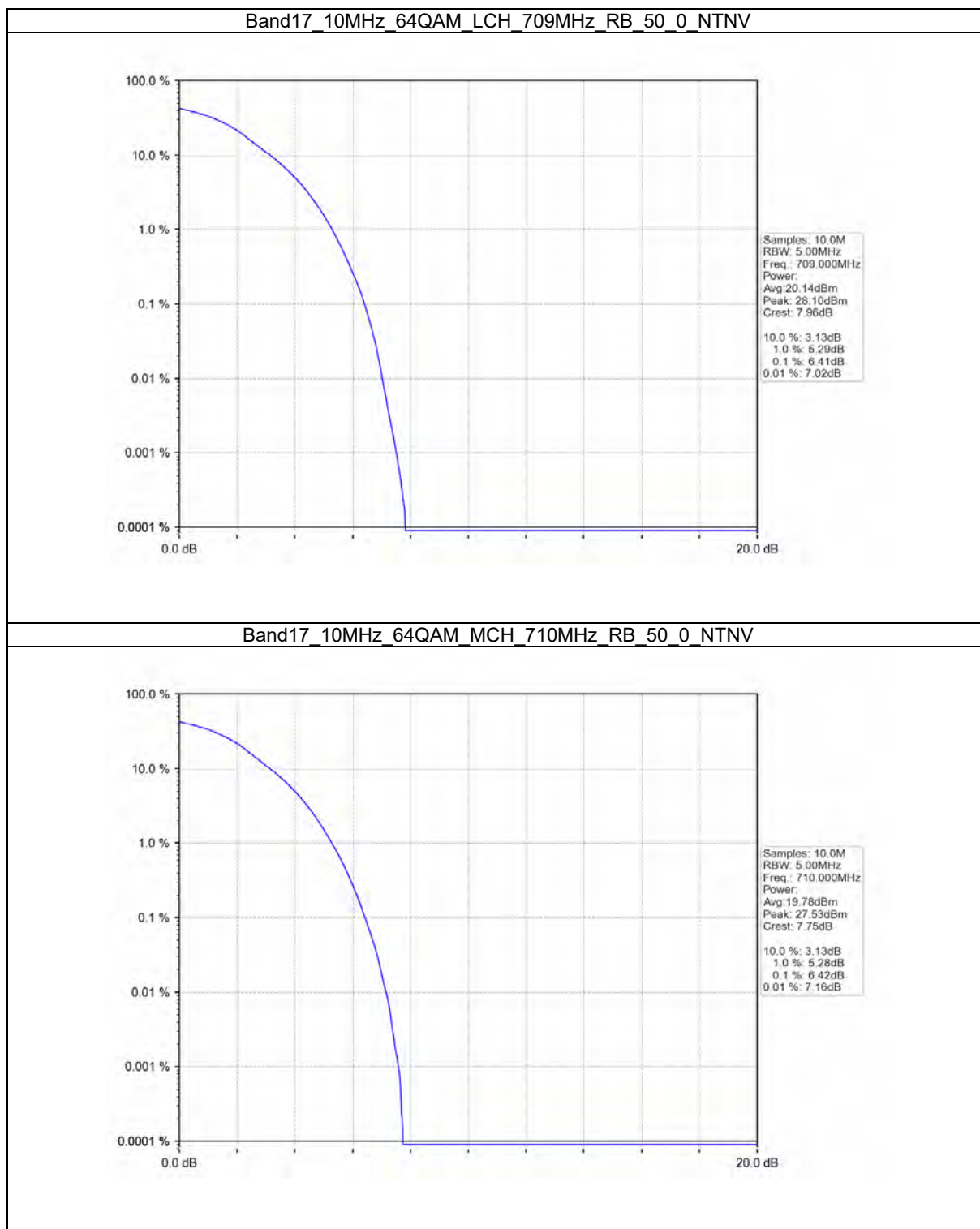


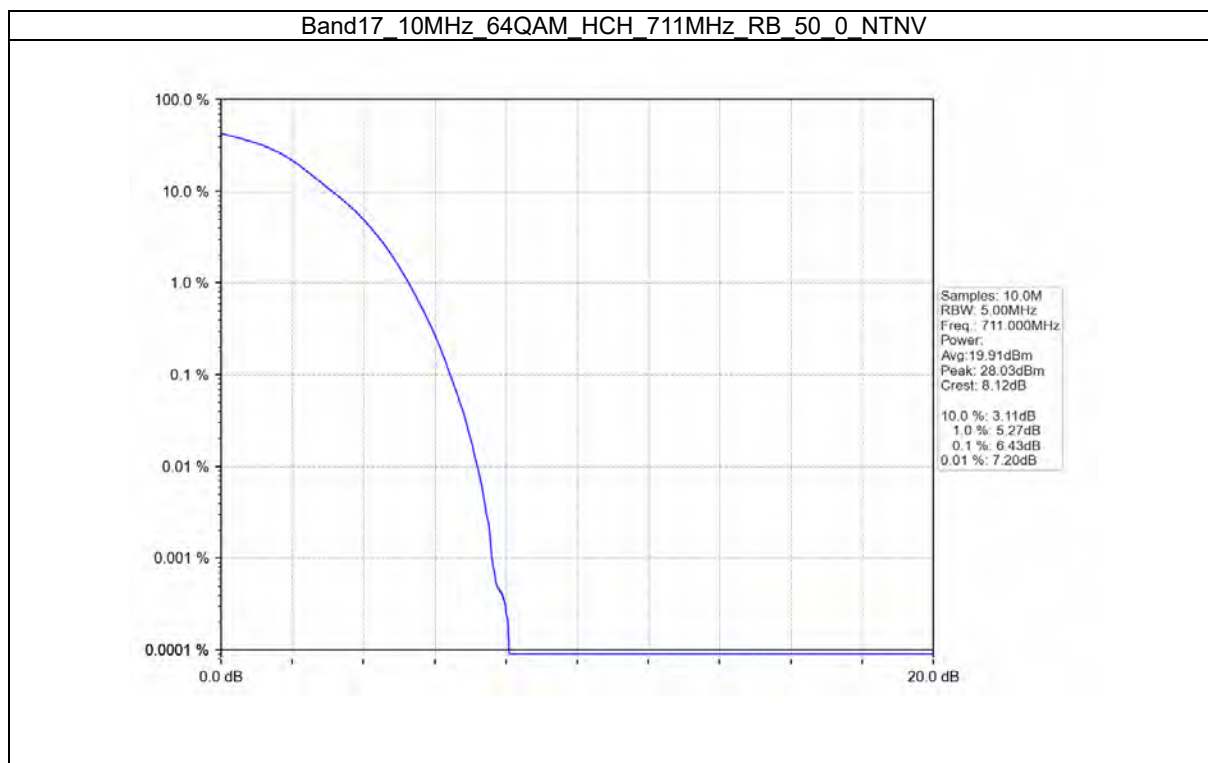
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



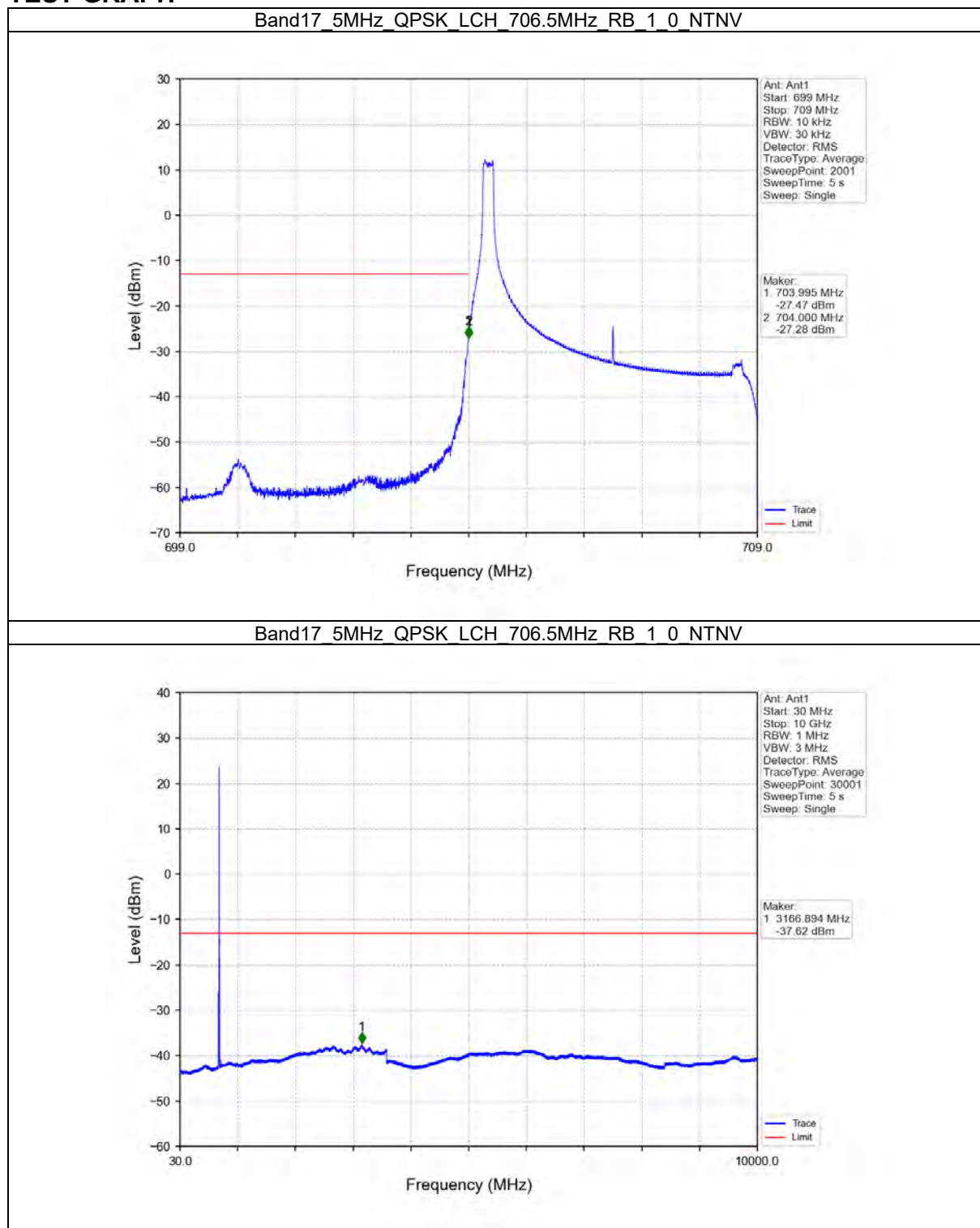


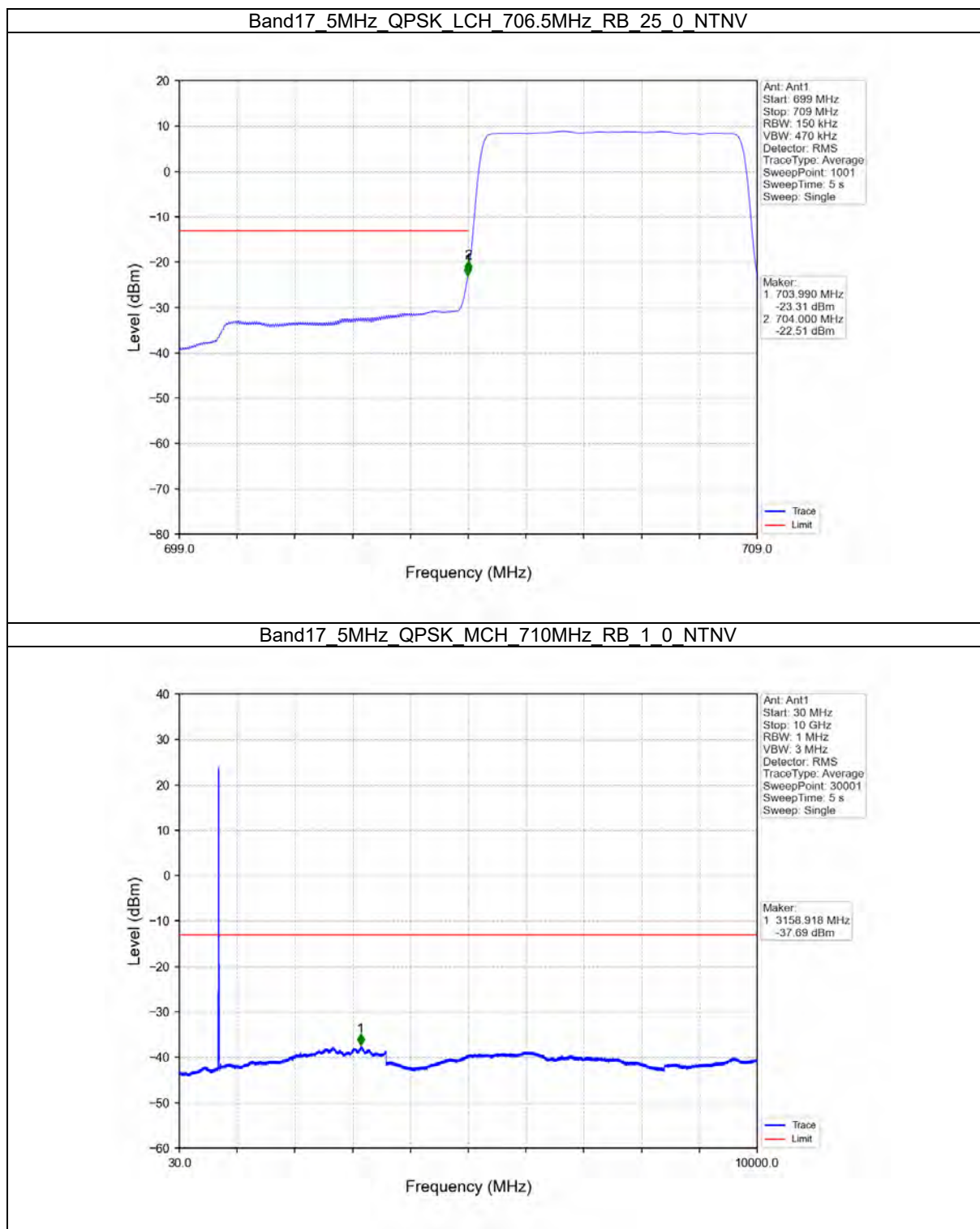


SPURIOUS EMISSION B17_5MHZ TEST RESULT

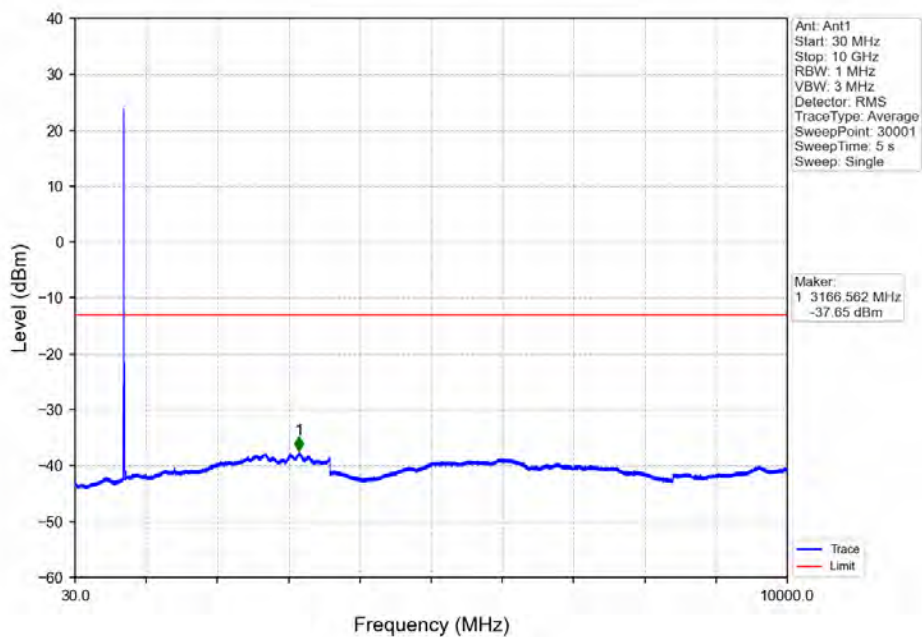
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test 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
64QAM	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

TEST GRAPH

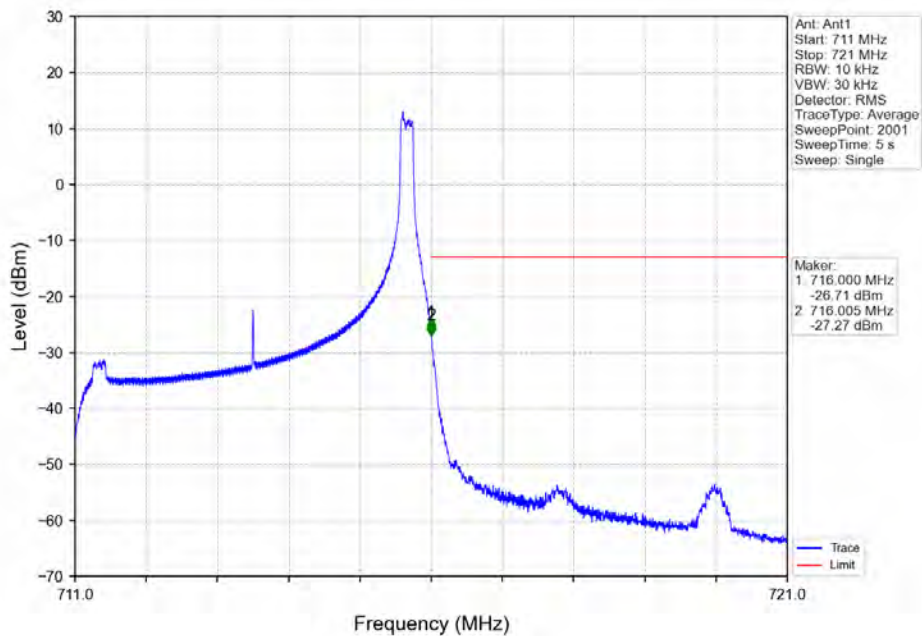


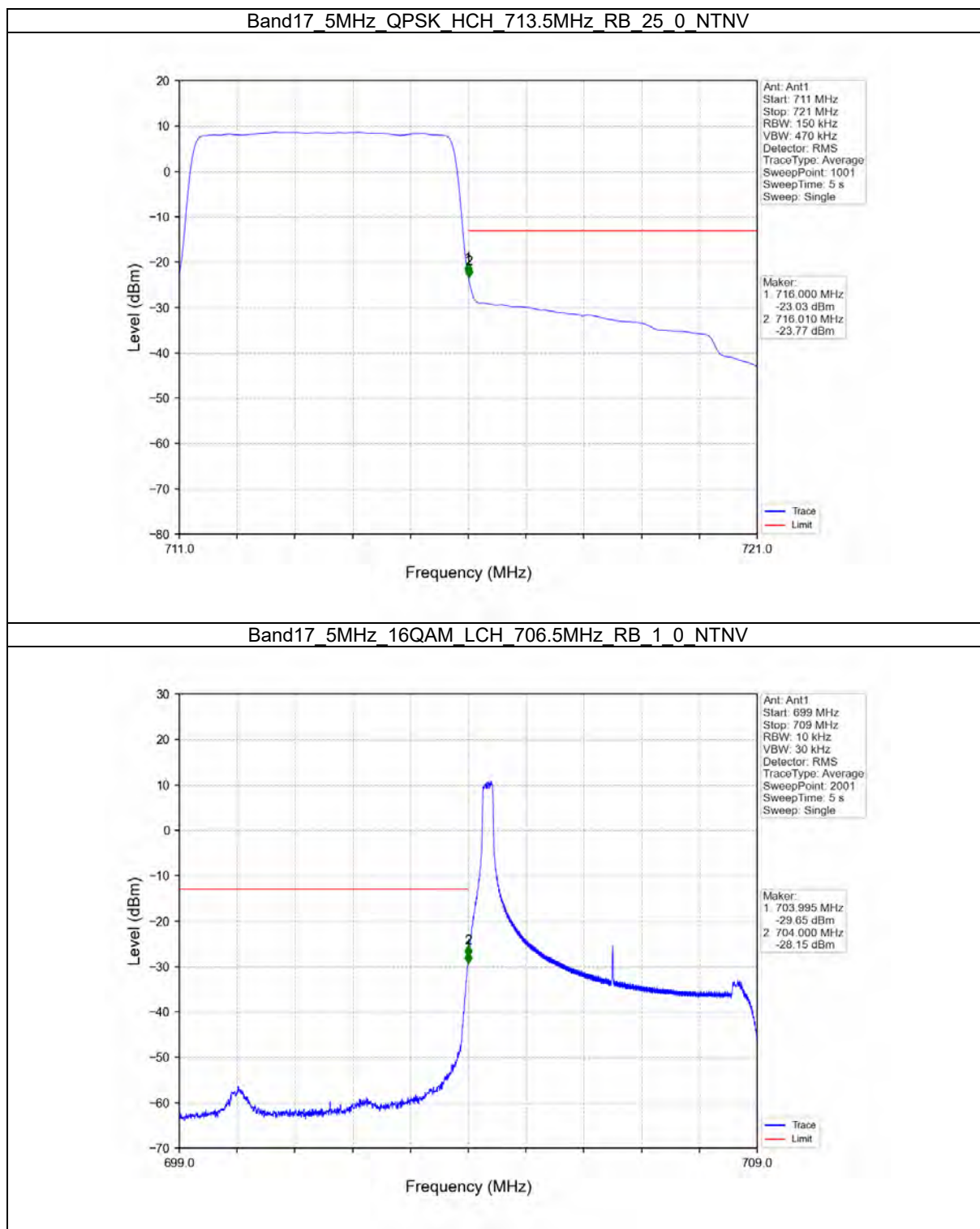


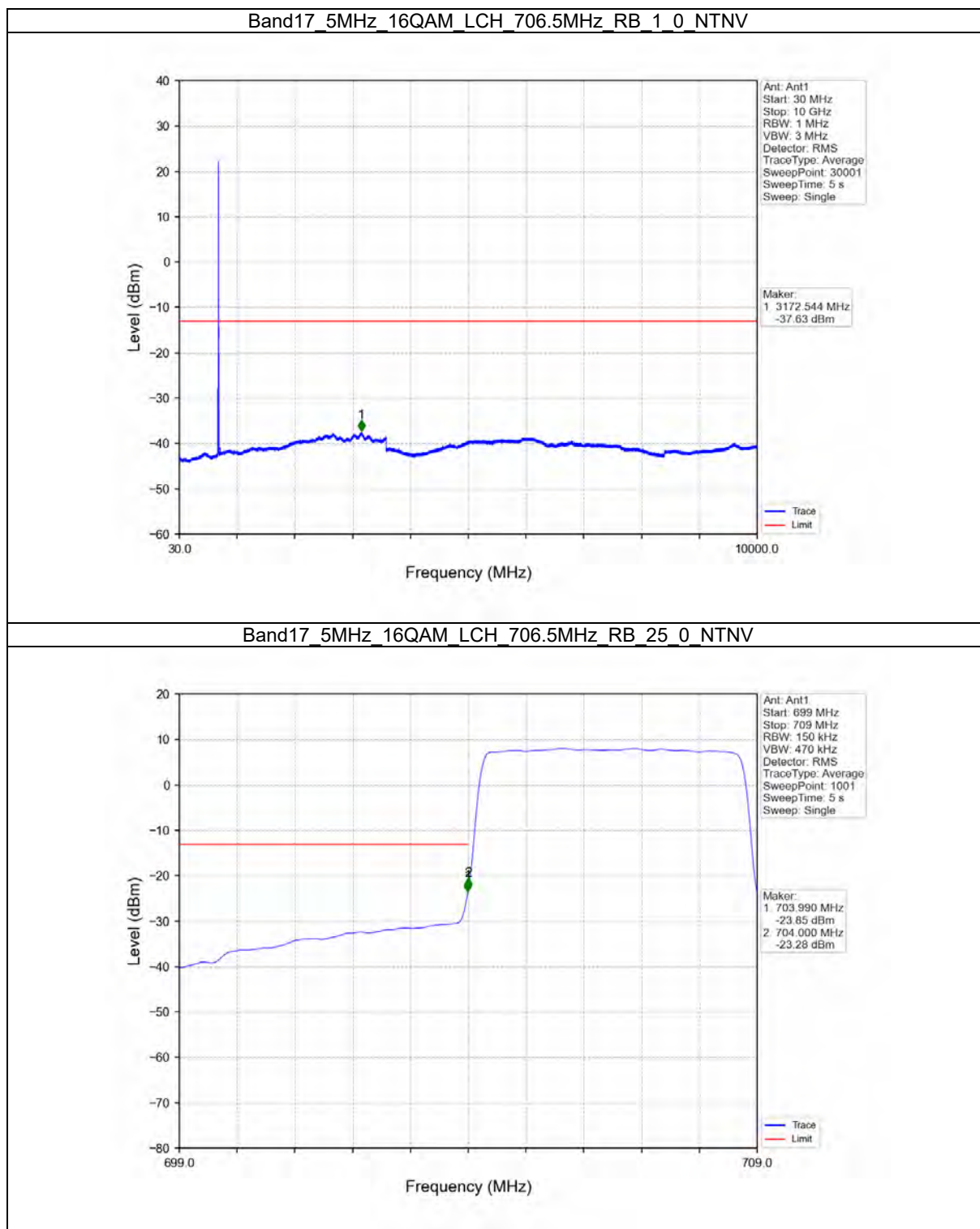
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



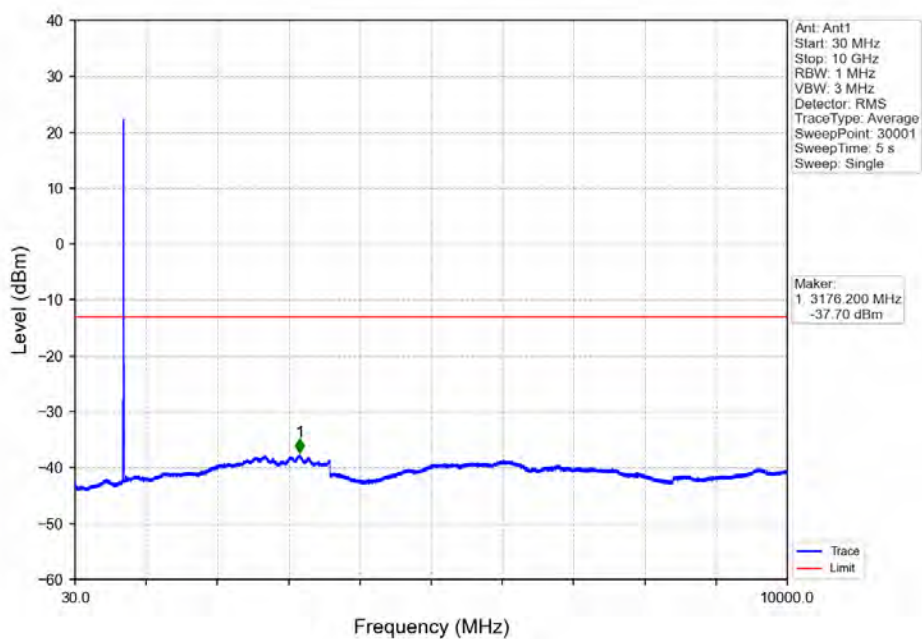
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



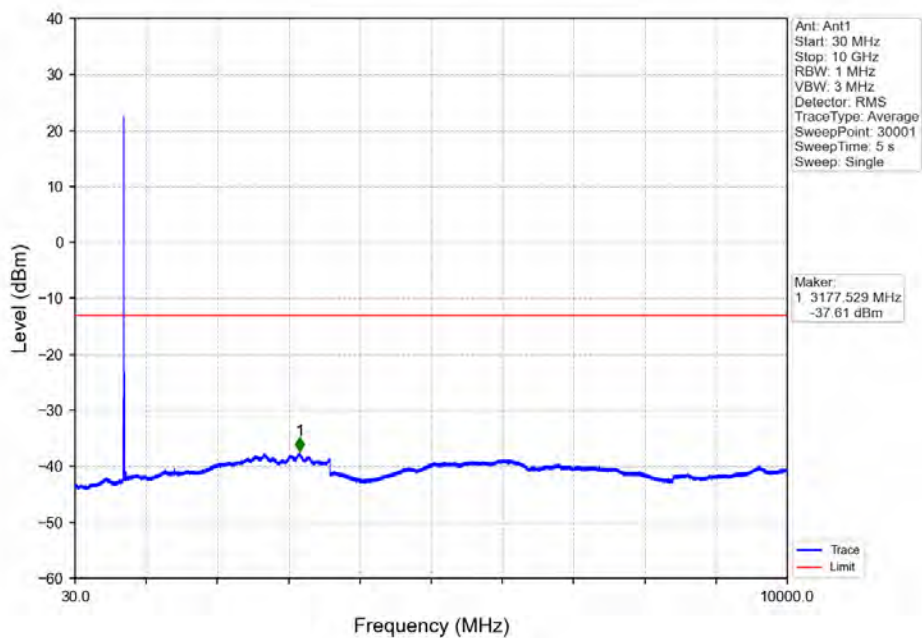




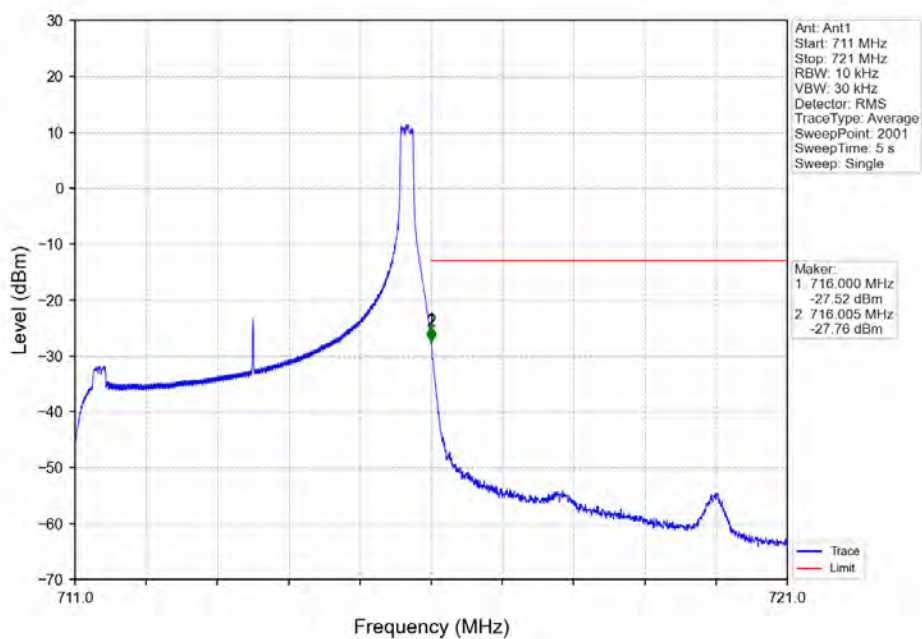
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



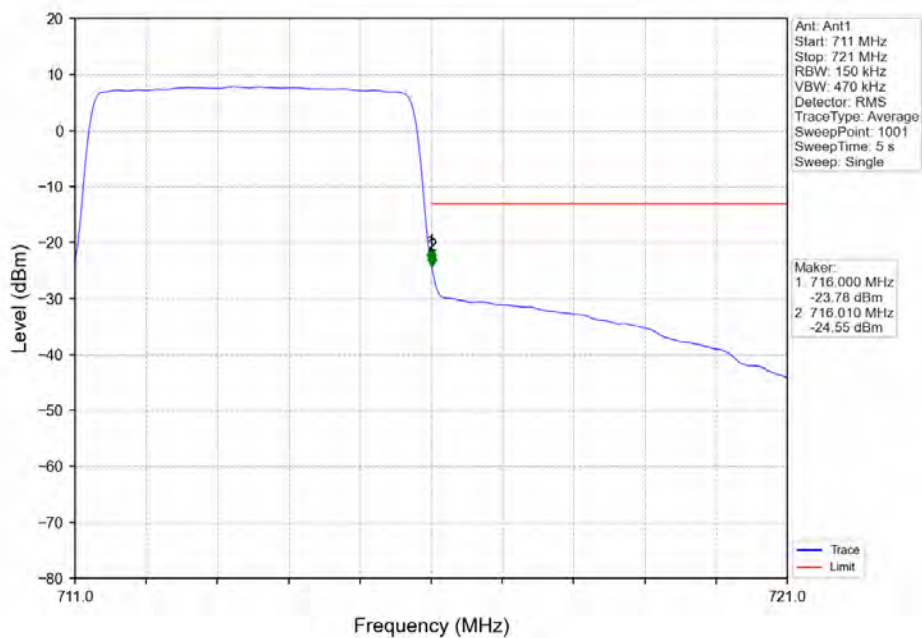
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

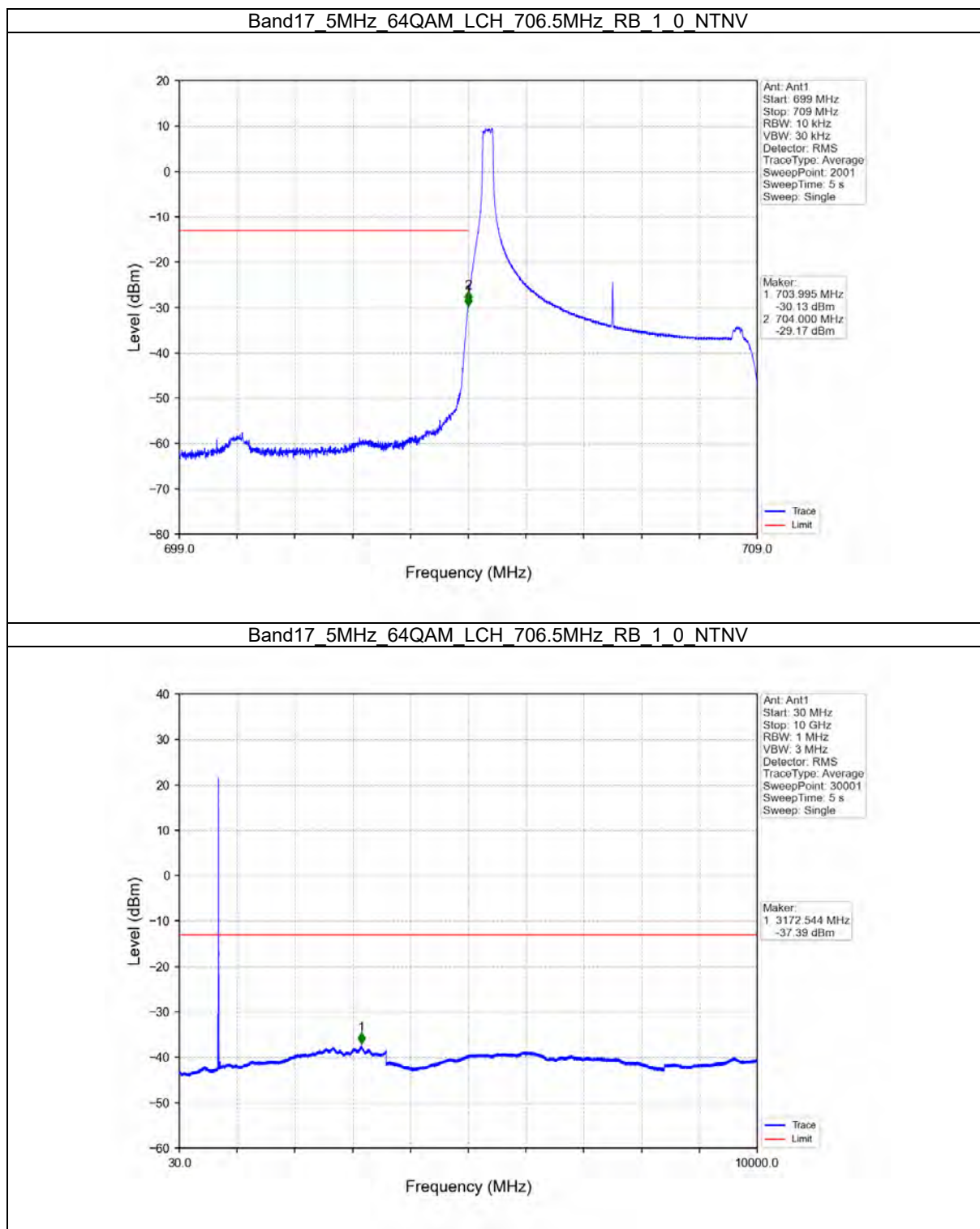


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV

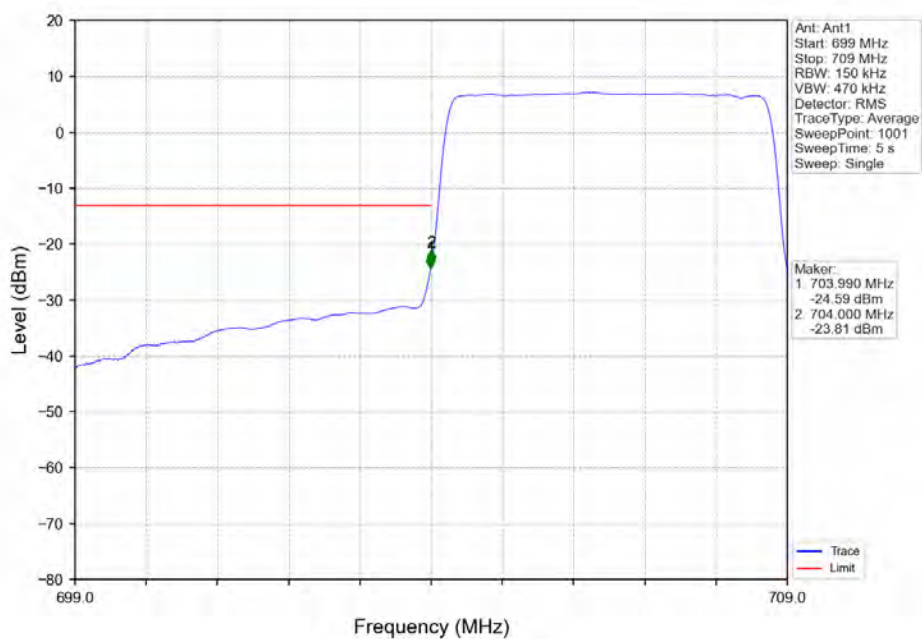


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

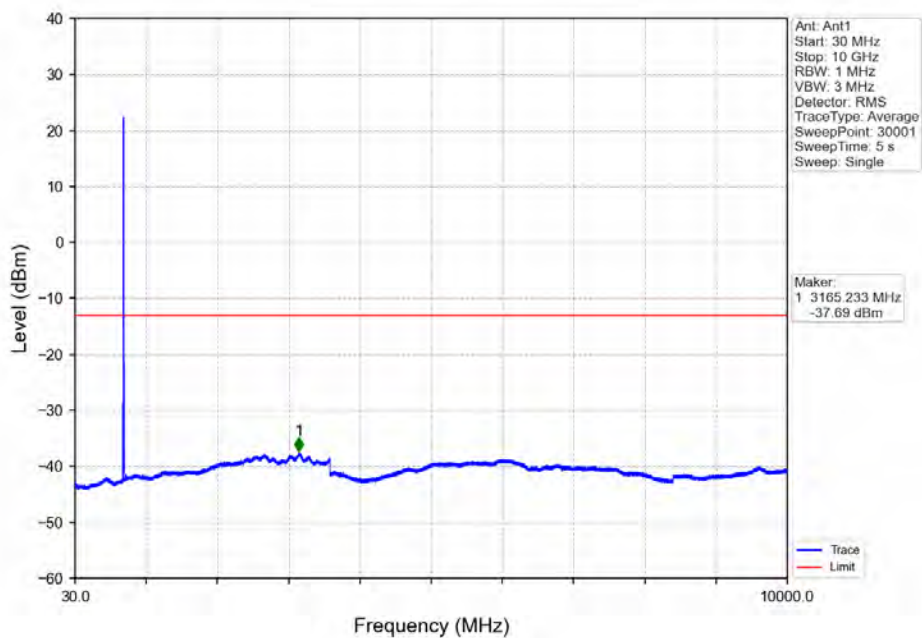




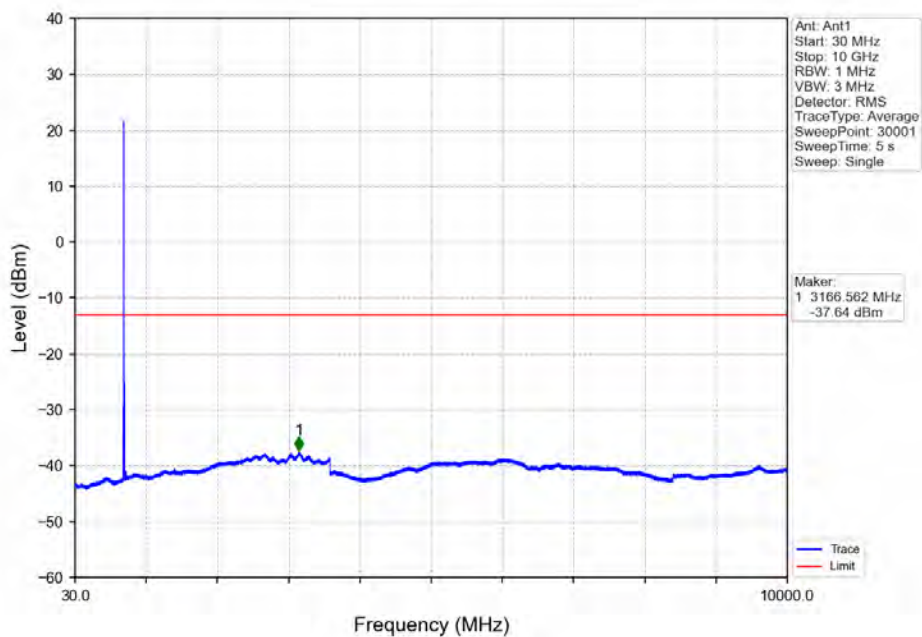
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



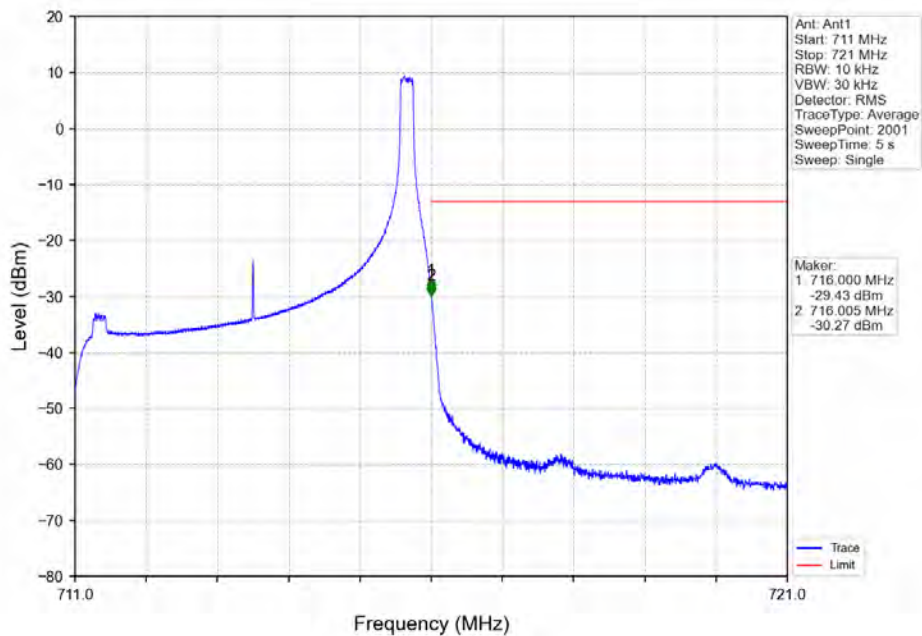
Band17_5MHz_64QAM_MCH_710MHz_RB_1_0_NTNV

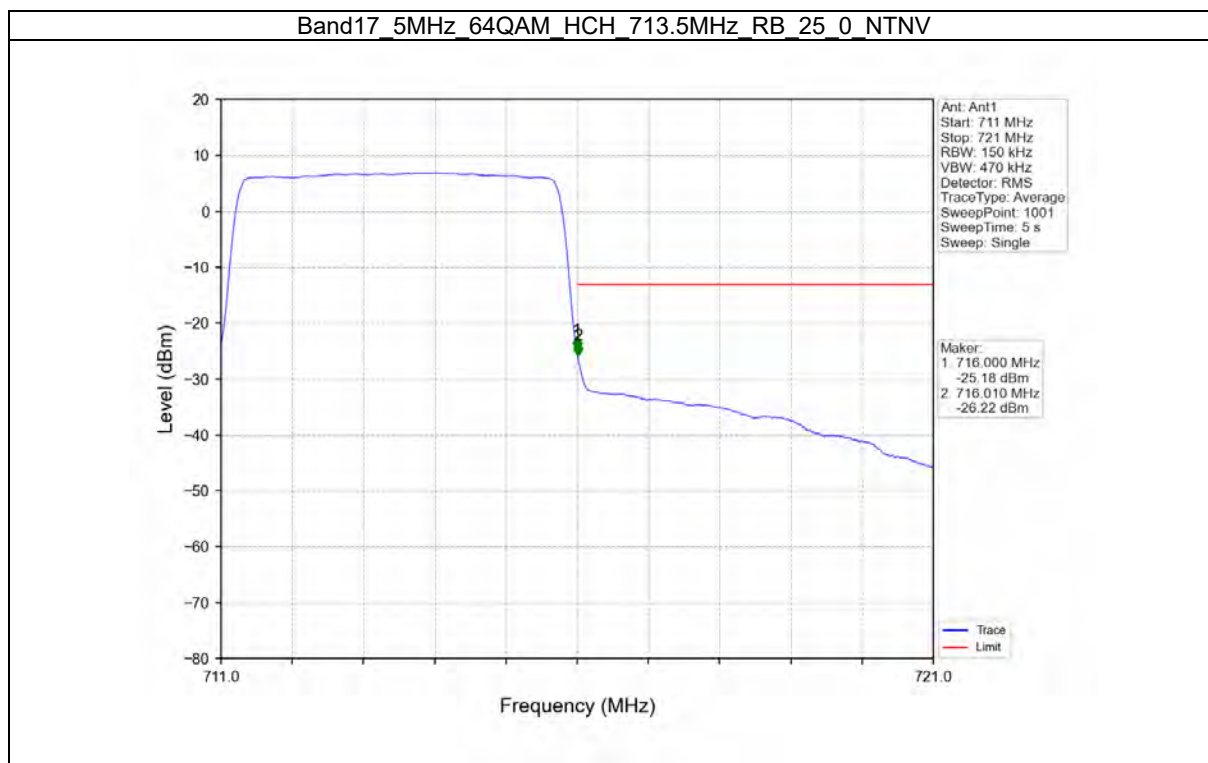


Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV

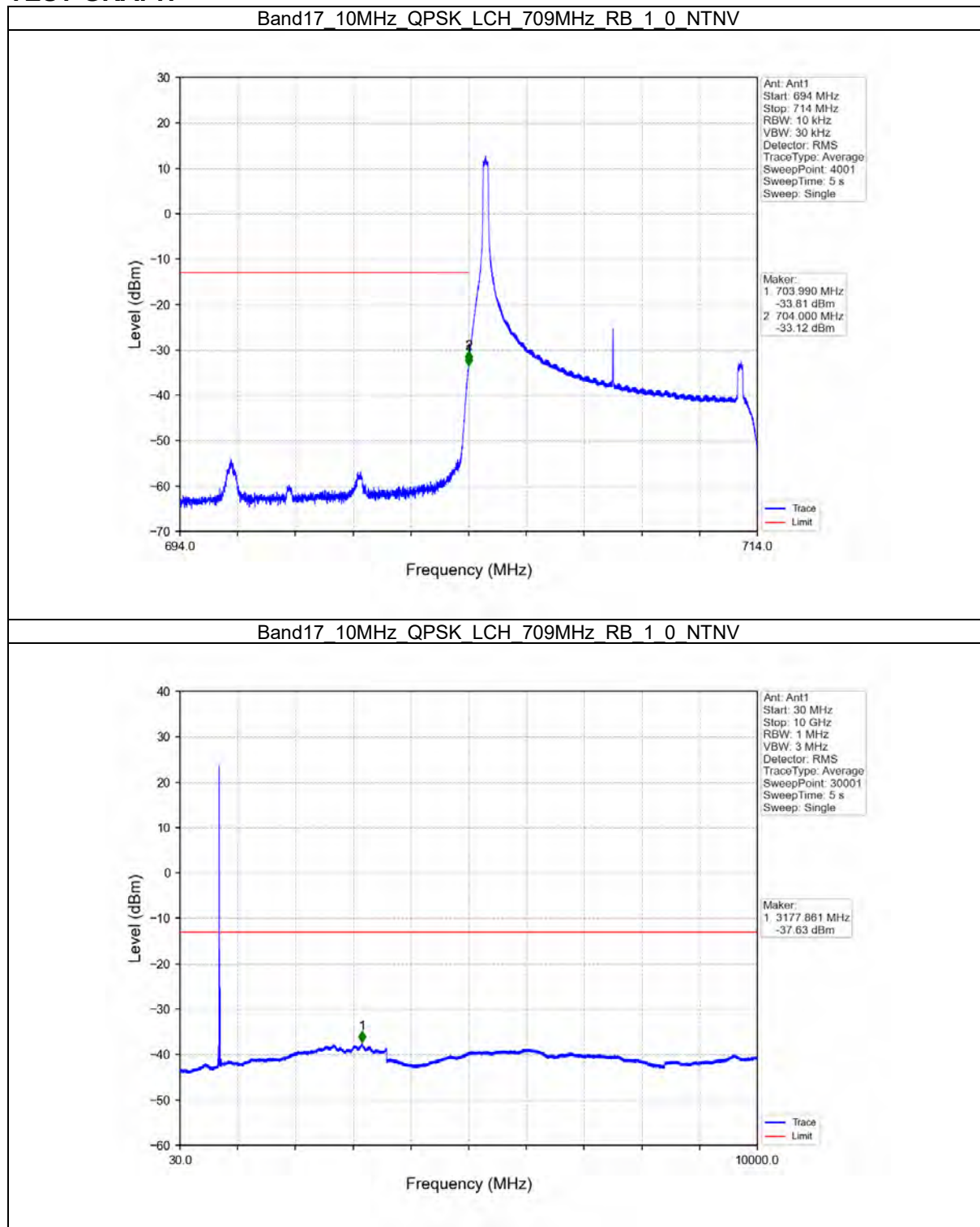




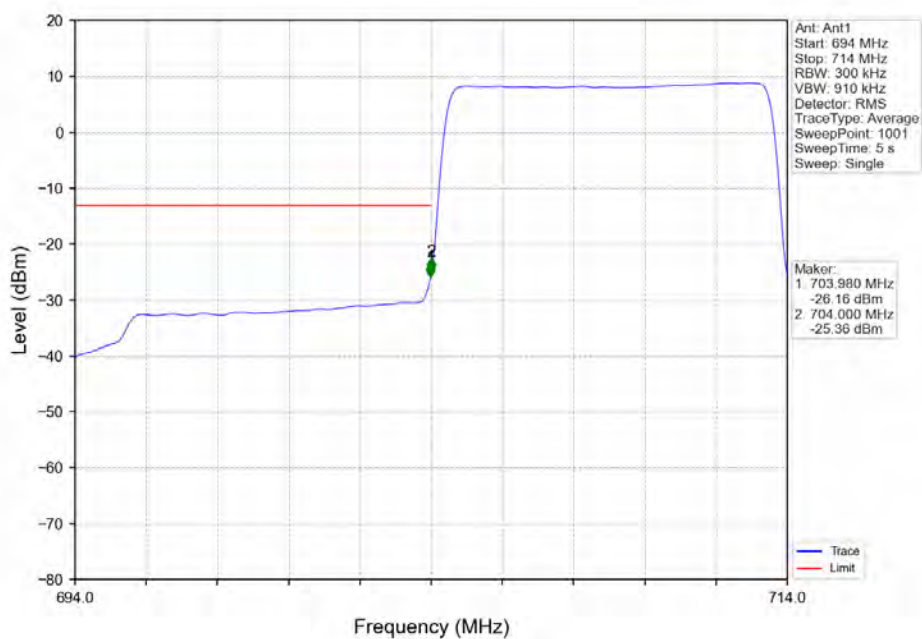
B17_10MHZ TEST RESULT

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
64QAM	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

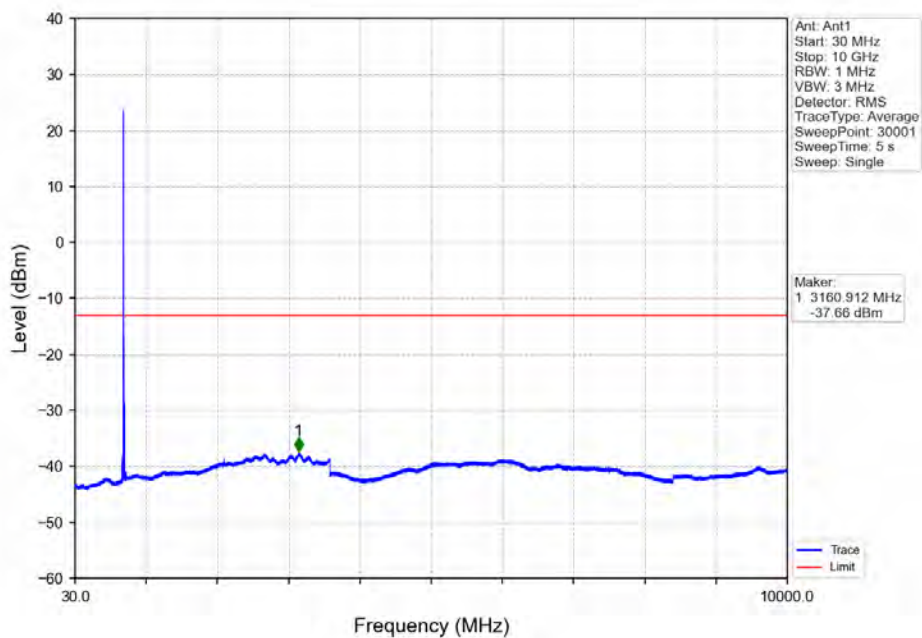
TEST GRAPH



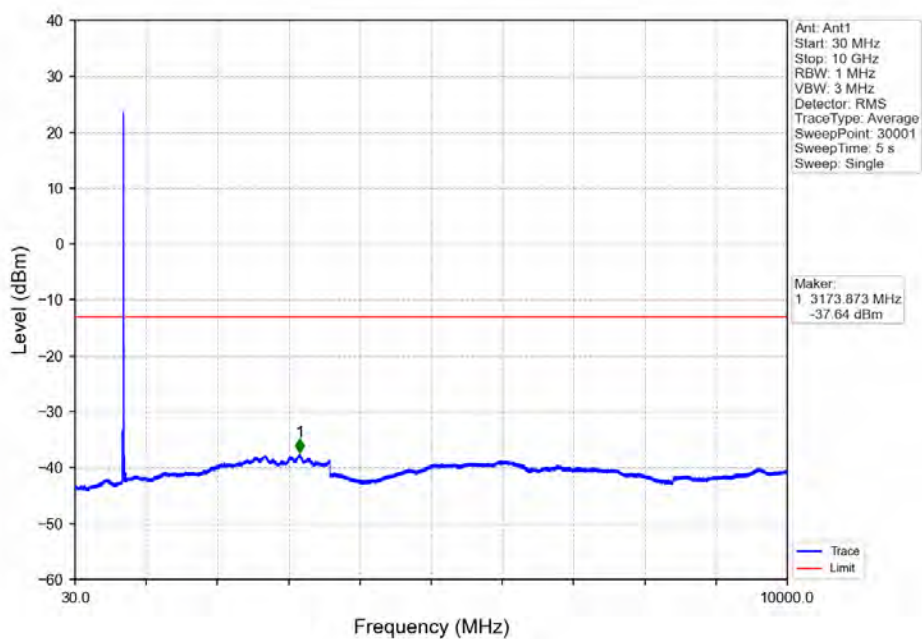
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTNV



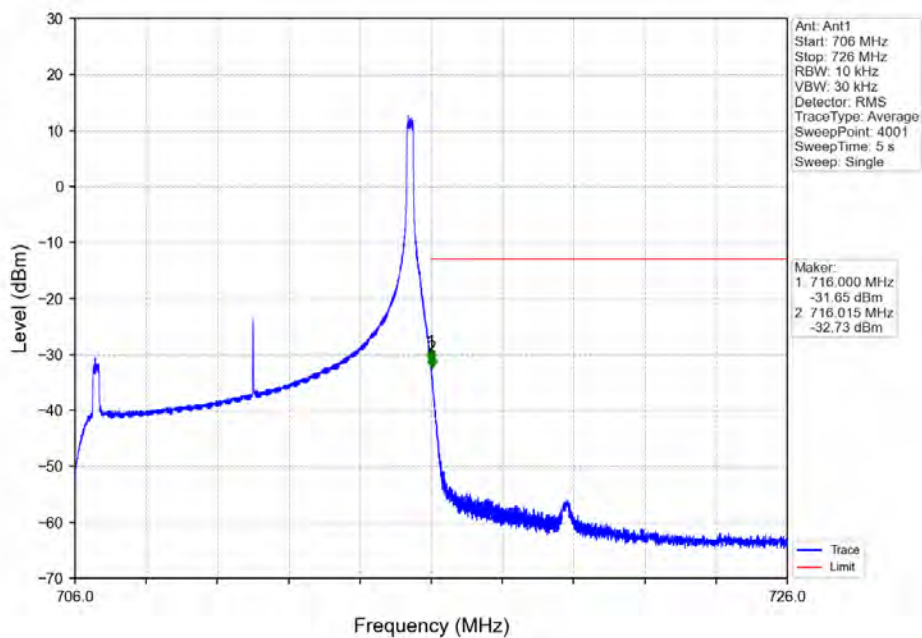
Band17 10MHz QPSK MCH 710MHz RB 1 0 NTNV



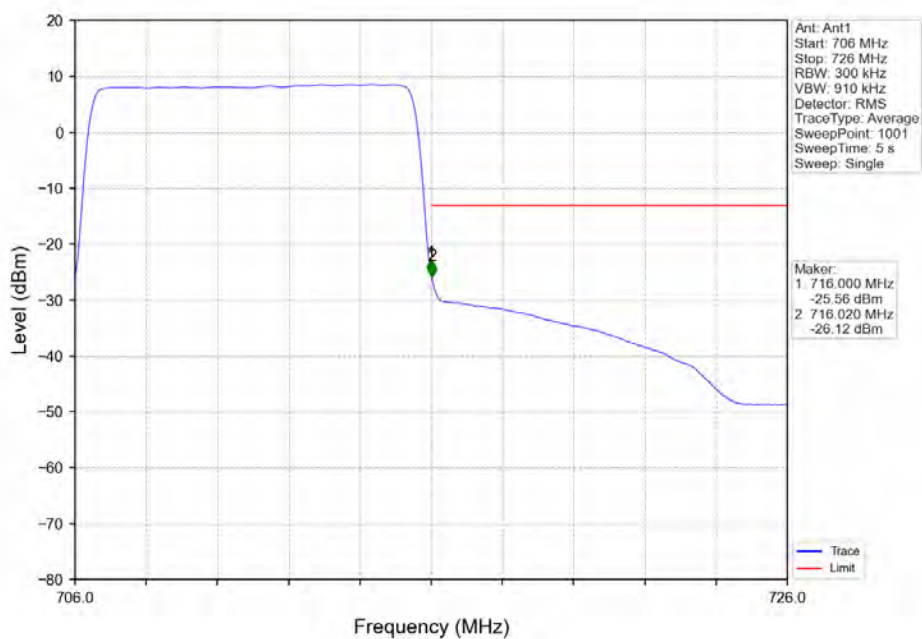
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



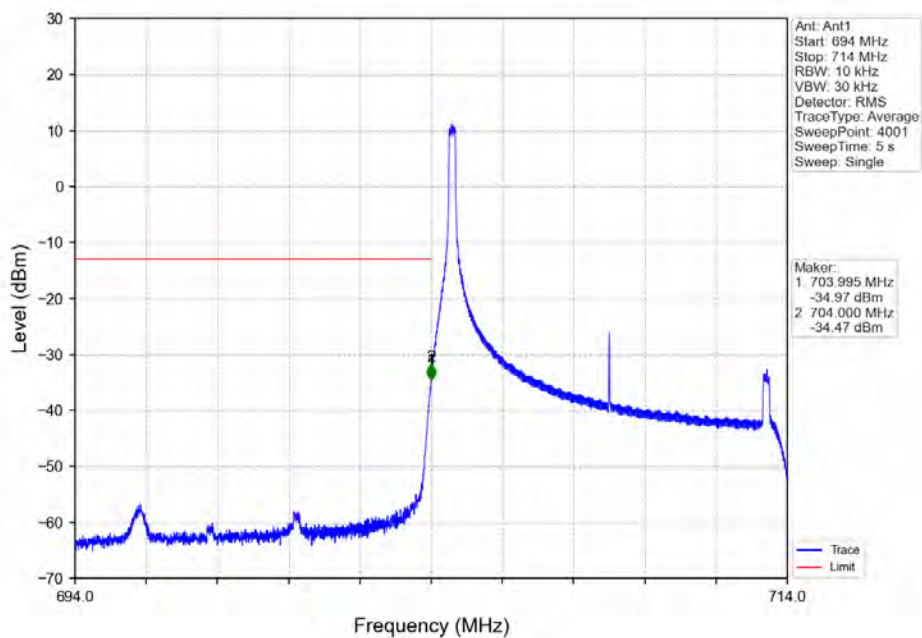
Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



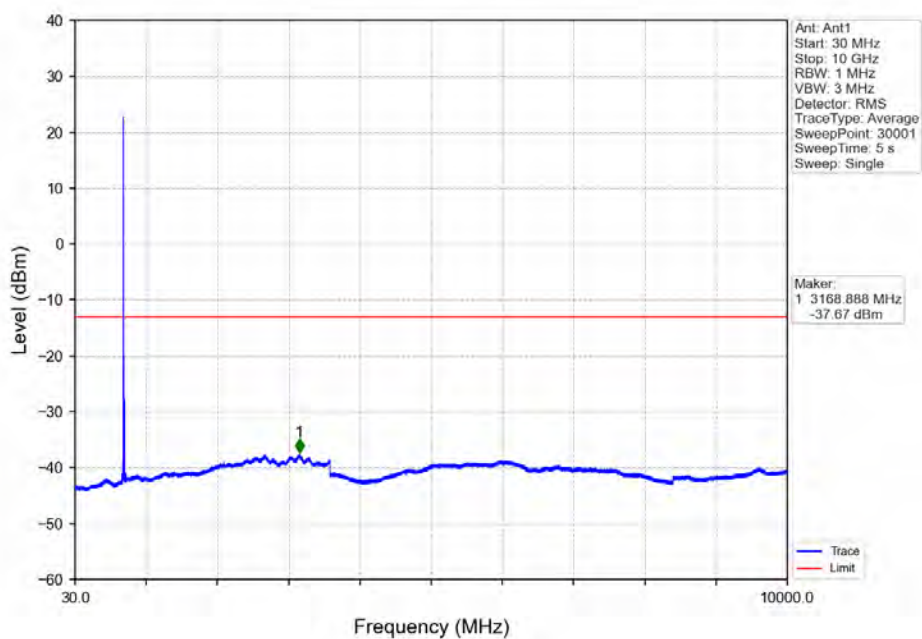
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



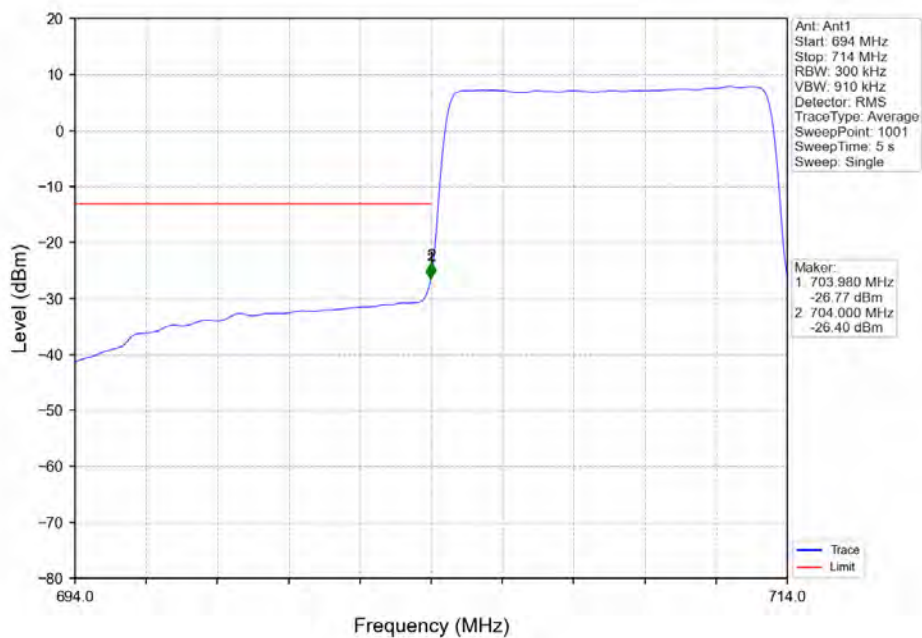
Band17 10MHz 16QAM LCH 709MHz RB 1 0 NTNV

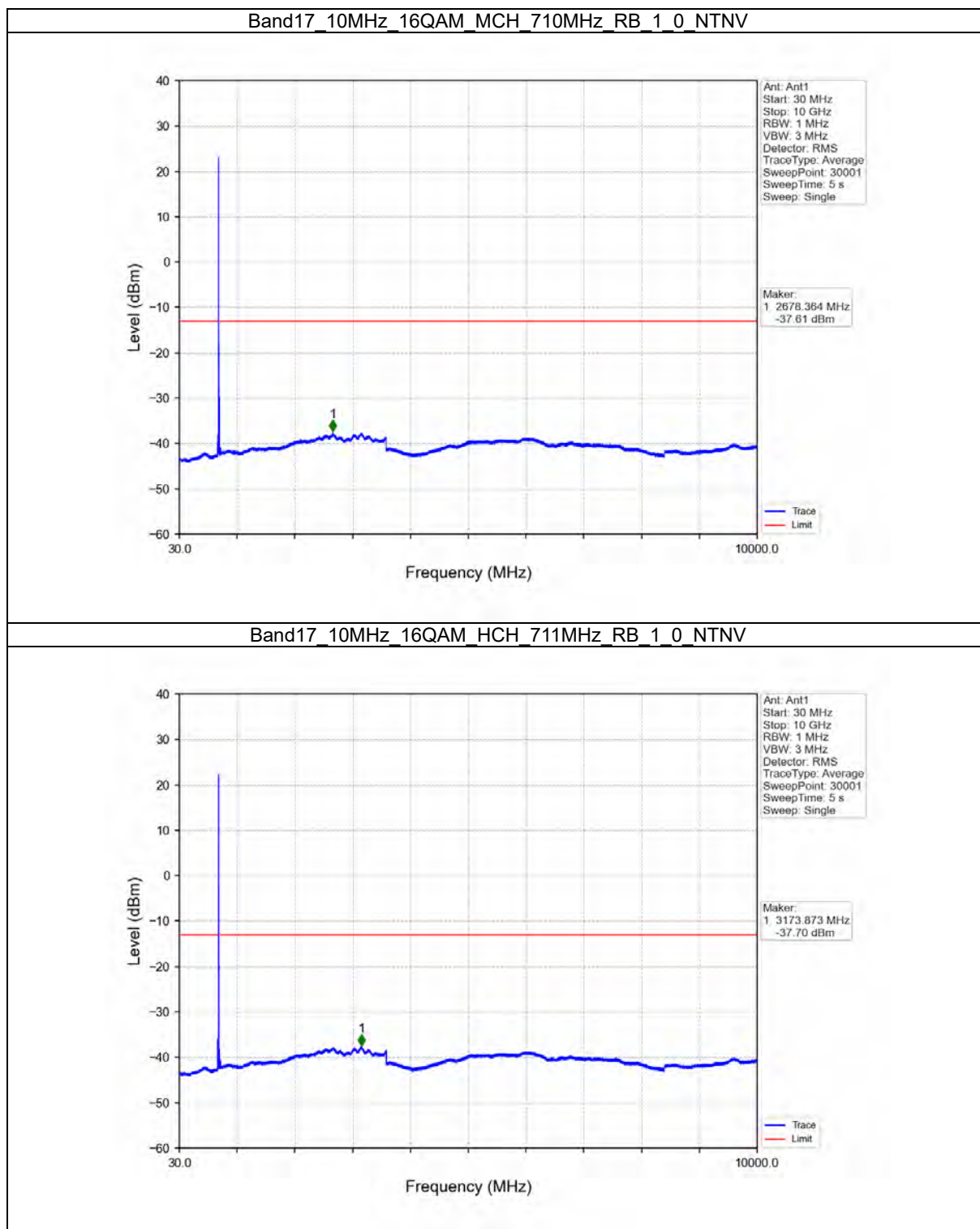


Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

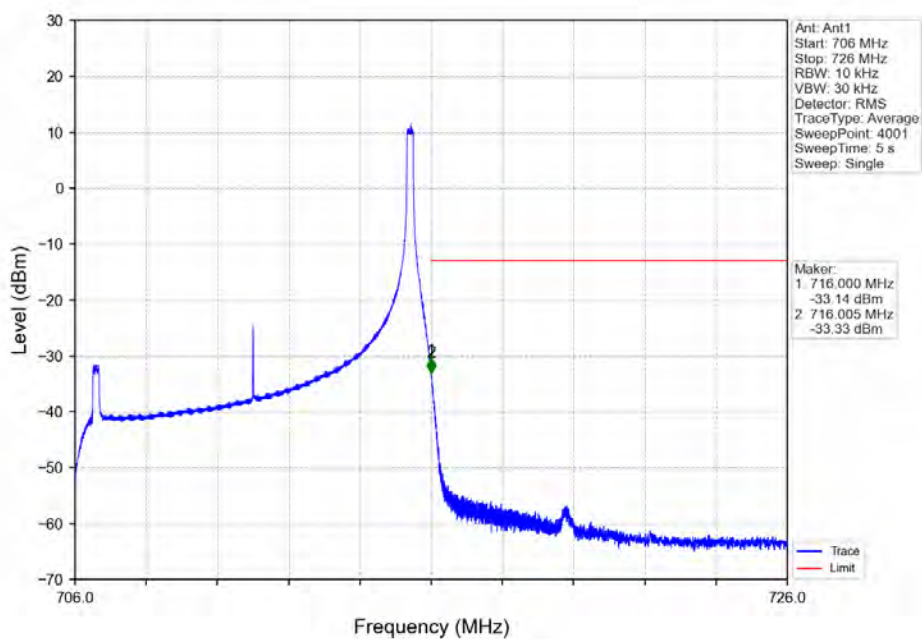


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

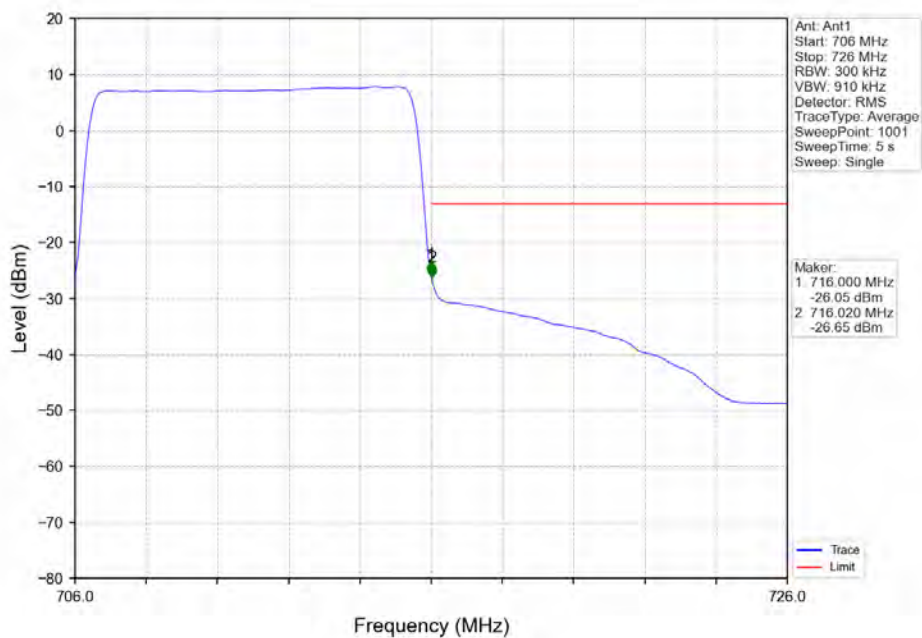




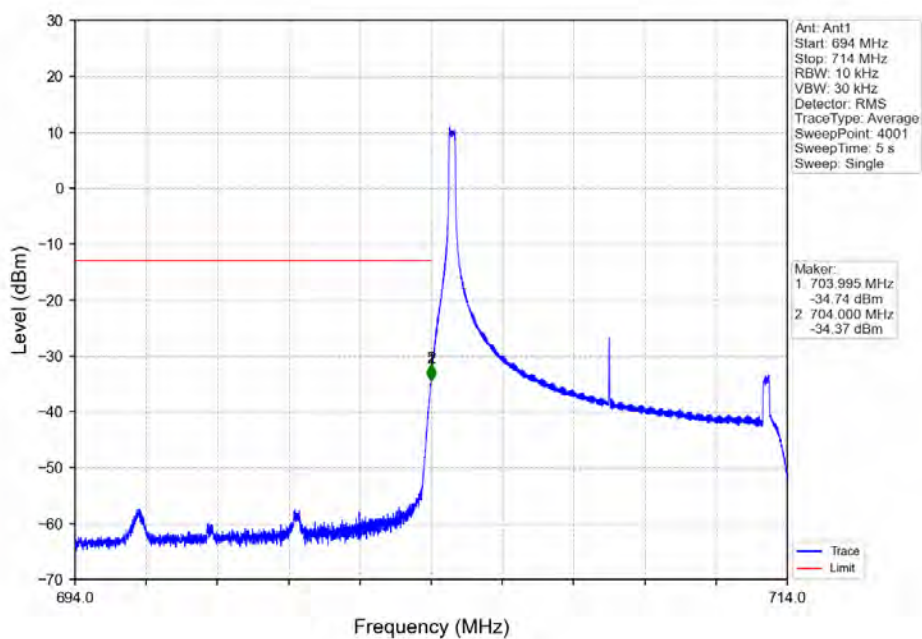
Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



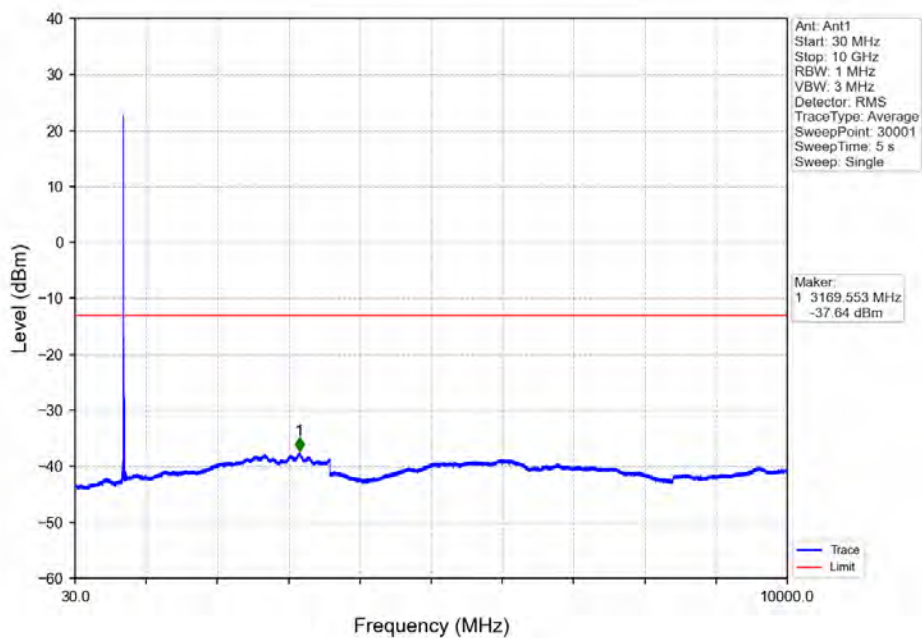
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



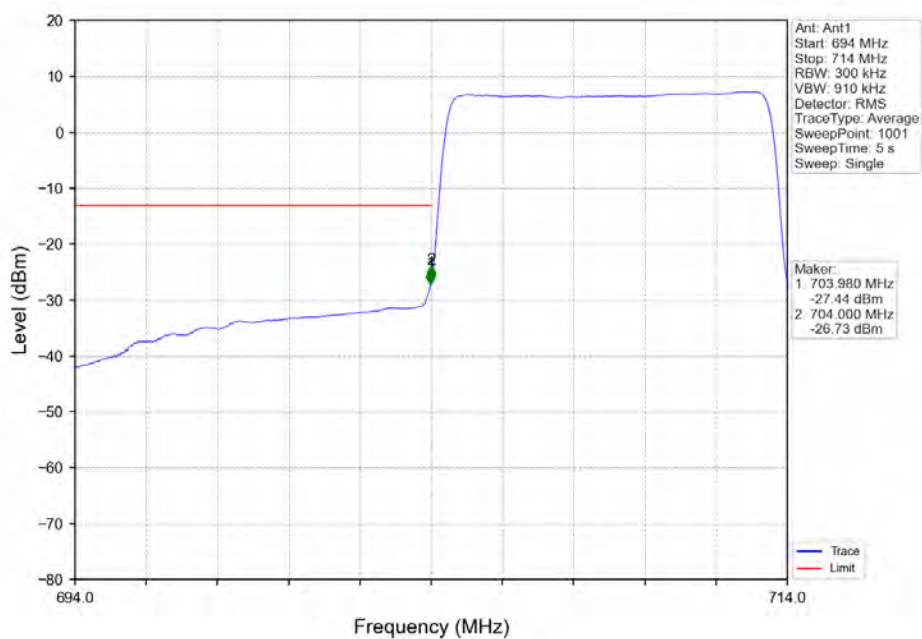
Band17 10MHz 64QAM LCH 709MHz RB 1 0 NTNV



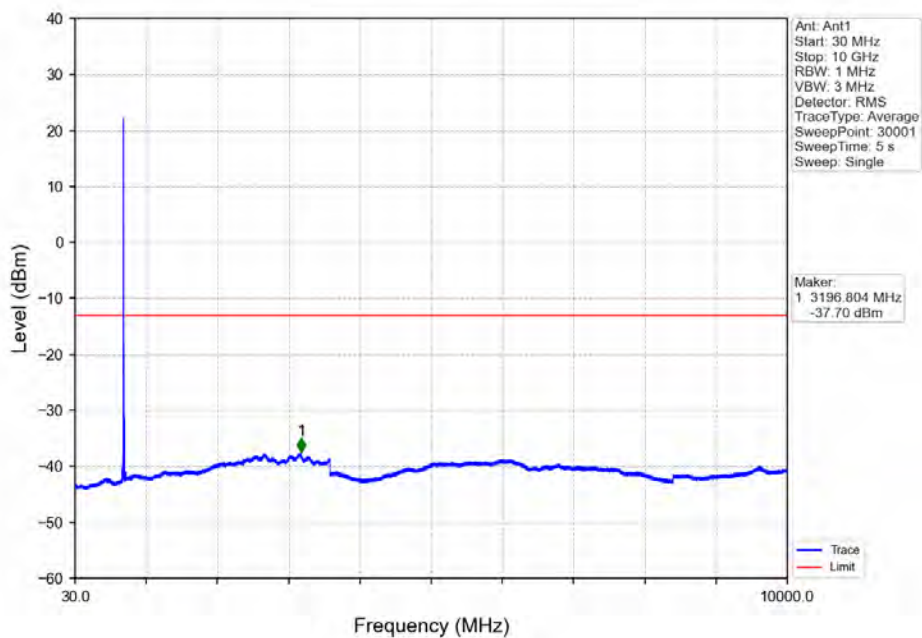
Band17 10MHz 64QAM LCH 709MHz RB 1 0 NTNV



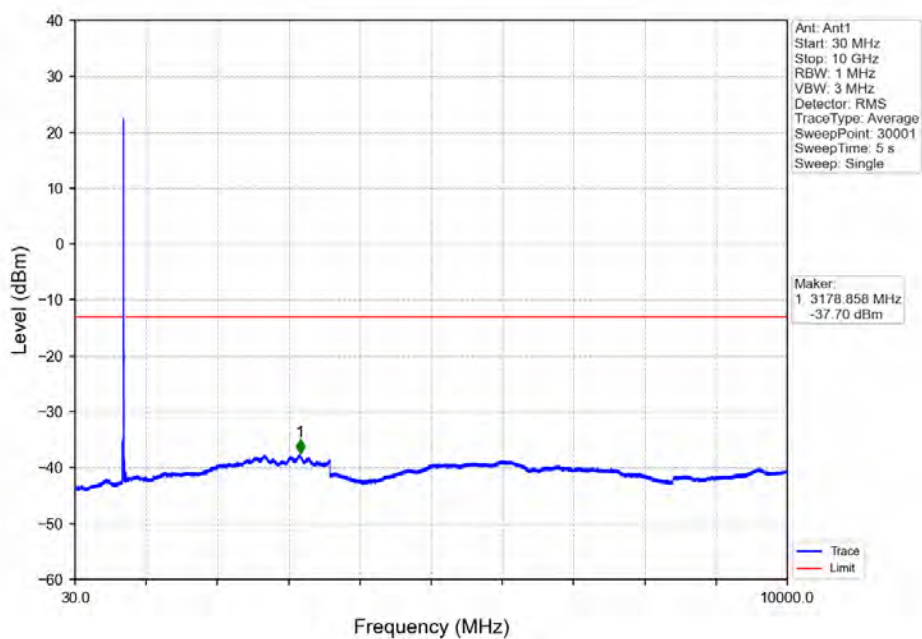
Band17 10MHz 64QAM LCH 709MHz RB 50 0 NTNV



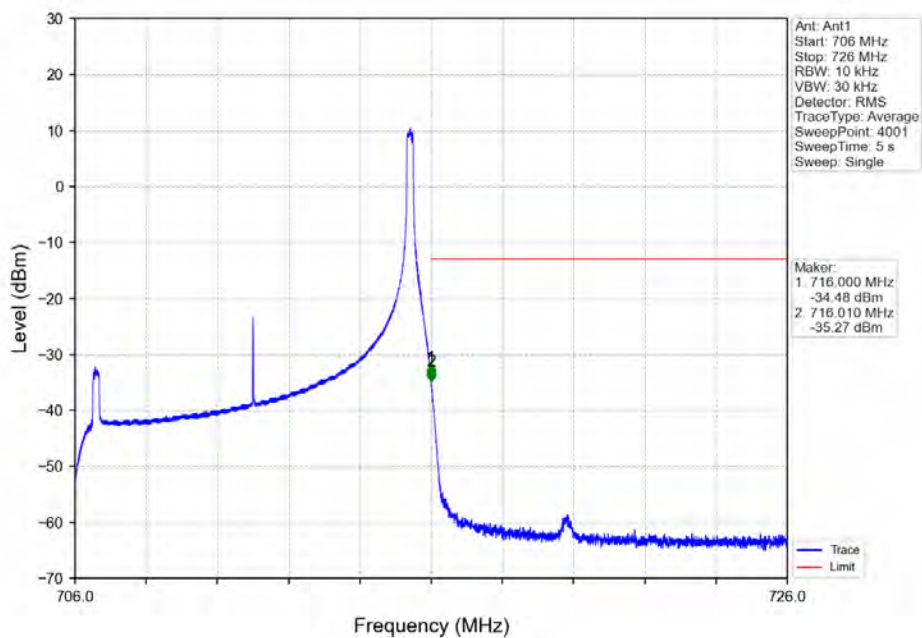
Band17 10MHz 64QAM MCH 710MHz RB 1 0 NTNV

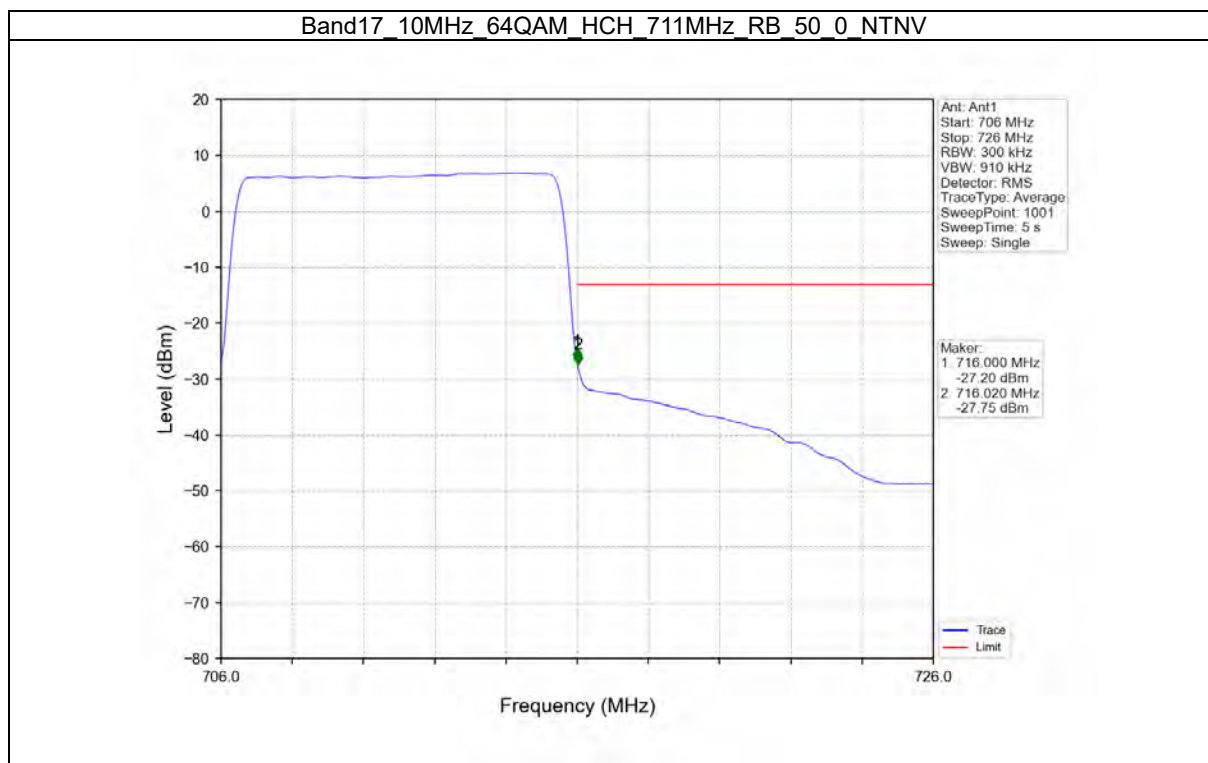


Band17_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV





LTE BAND 66

FREQUENCY STABILITY B66_1.4MHZ TEST RESULT

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	17.95	0.01	-2.5 to 2.5	Pass
					3.85	23.69	0.01	-2.5 to 2.5	Pass
					4.43	24.72	0.01	-2.5 to 2.5	Pass
				-30	3.85	23.50	0.01	-2.5 to 2.5	Pass
				-20	3.85	18.05	0.01	-2.5 to 2.5	Pass
				-10	3.85	11.31	0.01	-2.5 to 2.5	Pass
				0	3.85	5.49	0.00	-2.5 to 2.5	Pass
				10	3.85	-5.25	-0.00	-2.5 to 2.5	Pass
				30	3.85	-10.24	-0.01	-2.5 to 2.5	Pass
				40	3.85	-18.75	-0.01	-2.5 to 2.5	Pass
				50	3.85	-22.46	-0.01	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	4.71	0.00	-2.5 to 2.5	Pass
					3.85	1.23	0.00	-2.5 to 2.5	Pass
					4.43	1.29	0.00	-2.5 to 2.5	Pass
				-30	3.85	-4.86	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-6.51	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-9.37	-0.01	-2.5 to 2.5	Pass
				0	3.85	-14.08	-0.01	-2.5 to 2.5	Pass
				10	3.85	-21.10	-0.01	-2.5 to 2.5	Pass
				30	3.85	-25.84	-0.01	-2.5 to 2.5	Pass
				40	3.85	0.43	0.00	-2.5 to 2.5	Pass
				50	3.85	-1.04	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-18.25	-0.01	-2.5 to 2.5	Pass
					3.85	-29.31	-0.02	-2.5 to 2.5	Pass
					4.43	11.62	0.01	-2.5 to 2.5	Pass
				-30	3.85	-9.90	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-29.97	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-16.55	-0.01	-2.5 to 2.5	Pass
				0	3.85	-8.80	-0.00	-2.5 to 2.5	Pass
				10	3.85	-39.75	-0.02	-2.5 to 2.5	Pass
				30	3.85	-32.52	-0.02	-2.5 to 2.5	Pass
				40	3.85	-7.65	-0.00	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-31.30	-0.02	-2.5 to 2.5	Pass
					3.85	-43.39	-0.03	-2.5 to 2.5	Pass
					4.43	-7.57	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-14.92	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-14.73	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-12.95	-0.01	-2.5 to 2.5	Pass
				0	3.85	-16.77	-0.01	-2.5 to 2.5	Pass
				10	3.85	-13.50	-0.01	-2.5 to 2.5	Pass
				30	3.85	-14.15	-0.01	-2.5 to 2.5	Pass
				40	3.85	-18.55	-0.01	-2.5 to 2.5	Pass
				50	3.85	-17.84	-0.01	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-8.60	-0.00	-2.5 to 2.5	Pass
					3.85	-11.95	-0.01	-2.5 to 2.5	Pass
					4.43	-14.42	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-16.24	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-18.97	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-22.32	-0.01	-2.5 to 2.5	Pass

				0	3.85	-23.63	-0.01	-2.5 to 2.5	Pass
				10	3.85	-20.64	-0.01	-2.5 to 2.5	Pass
				30	3.85	-28.28	-0.02	-2.5 to 2.5	Pass
				40	3.85	-26.28	-0.02	-2.5 to 2.5	Pass
				50	3.85	-30.24	-0.02	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-27.22	-0.02	-2.5 to 2.5	Pass
					3.85	-10.07	-0.01	-2.5 to 2.5	Pass
					4.43	-36.12	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-4.95	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-22.23	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-38.64	-0.02	-2.5 to 2.5	Pass
				0	3.85	-14.46	-0.01	-2.5 to 2.5	Pass
				10	3.85	-34.36	-0.02	-2.5 to 2.5	Pass
				30	3.85	-12.46	-0.01	-2.5 to 2.5	Pass
				40	3.85	-28.98	-0.02	-2.5 to 2.5	Pass
				50	3.85	-13.09	-0.01	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.27	-18.18	-0.01	-2.5 to 2.5	Pass
					3.85	-15.68	-0.01	-2.5 to 2.5	Pass
					4.43	-14.79	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-10.13	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-8.87	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.79	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				10	3.85	6.19	0.00	-2.5 to 2.5	Pass
				30	3.85	8.71	0.01	-2.5 to 2.5	Pass
				40	3.85	10.96	0.01	-2.5 to 2.5	Pass
				50	3.85	23.57	0.01	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-26.44	-0.02	-2.5 to 2.5	Pass
					3.85	-27.87	-0.02	-2.5 to 2.5	Pass
					4.43	-26.58	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-26.95	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-28.09	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-23.60	-0.01	-2.5 to 2.5	Pass
				0	3.85	-20.74	-0.01	-2.5 to 2.5	Pass
				10	3.85	-12.29	-0.01	-2.5 to 2.5	Pass
				30	3.85	-10.41	-0.01	-2.5 to 2.5	Pass
				40	3.85	-9.40	-0.01	-2.5 to 2.5	Pass
				50	3.85	-9.76	-0.01	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-33.42	-0.02	-2.5 to 2.5	Pass
					3.85	-5.88	-0.00	-2.5 to 2.5	Pass
					4.43	-13.63	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-31.91	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-38.74	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-11.73	-0.01	-2.5 to 2.5	Pass
				0	3.85	-14.02	-0.01	-2.5 to 2.5	Pass
				10	3.85	-16.77	-0.01	-2.5 to 2.5	Pass
				30	3.85	-16.65	-0.01	-2.5 to 2.5	Pass
				40	3.85	-22.17	-0.01	-2.5 to 2.5	Pass
				50	3.85	-27.29	-0.02	-2.5 to 2.5	Pass



BUREAU
VERITAS

Test Report No.: W7L-P21100018-1RF06

B66_3MHZ TEST RESULT

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-1.37	-0.00	-2.5 to 2.5	Pass
					3.85	2.35	0.00	-2.5 to 2.5	Pass
					4.43	7.64	0.00	-2.5 to 2.5	Pass
				-30	3.85	14.12	0.01	-2.5 to 2.5	Pass
				-20	3.85	22.99	0.01	-2.5 to 2.5	Pass
				-10	3.85	28.34	0.02	-2.5 to 2.5	Pass
				0	3.85	33.62	0.02	-2.5 to 2.5	Pass
				10	3.85	7.44	0.00	-2.5 to 2.5	Pass
				30	3.85	0.94	0.00	-2.5 to 2.5	Pass
				40	3.85	4.62	0.00	-2.5 to 2.5	Pass
				50	3.85	8.94	0.01	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	19.25	0.01	-2.5 to 2.5	Pass
					3.85	24.38	0.01	-2.5 to 2.5	Pass
					4.43	32.39	0.02	-2.5 to 2.5	Pass
				-30	3.85	39.64	0.02	-2.5 to 2.5	Pass
				-20	3.85	39.62	0.02	-2.5 to 2.5	Pass
				-10	3.85	4.85	0.00	-2.5 to 2.5	Pass
				0	3.85	5.01	0.00	-2.5 to 2.5	Pass
				10	3.85	6.62	0.00	-2.5 to 2.5	Pass
				30	3.85	6.29	0.00	-2.5 to 2.5	Pass
				40	3.85	5.84	0.00	-2.5 to 2.5	Pass
				50	3.85	6.82	0.00	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	4.23	0.00	-2.5 to 2.5	Pass
					3.85	-6.35	-0.00	-2.5 to 2.5	Pass
					4.43	-16.69	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-26.59	-0.01	-2.5 to 2.5	Pass
				-20	3.85	6.38	0.00	-2.5 to 2.5	Pass
				-10	3.85	-11.72	-0.01	-2.5 to 2.5	Pass
				0	3.85	-34.65	-0.02	-2.5 to 2.5	Pass
				10	3.85	-28.65	-0.02	-2.5 to 2.5	Pass
				30	3.85	-11.07	-0.01	-2.5 to 2.5	Pass
				40	3.85	-29.90	-0.02	-2.5 to 2.5	Pass
				50	3.85	-45.52	-0.03	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	8.83	0.01	-2.5 to 2.5	Pass
					3.85	9.23	0.01	-2.5 to 2.5	Pass
					4.43	16.27	0.01	-2.5 to 2.5	Pass
				-30	3.85	20.27	0.01	-2.5 to 2.5	Pass
				-20	3.85	23.65	0.01	-2.5 to 2.5	Pass
				-10	3.85	27.77	0.02	-2.5 to 2.5	Pass
				0	3.85	33.77	0.02	-2.5 to 2.5	Pass
				10	3.85	22.10	0.01	-2.5 to 2.5	Pass
				30	3.85	24.29	0.01	-2.5 to 2.5	Pass
				40	3.85	21.91	0.01	-2.5 to 2.5	Pass
				50	3.85	31.76	0.02	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	8.77	0.01	-2.5 to 2.5	Pass
					3.85	6.89	0.00	-2.5 to 2.5	Pass
					4.43	4.66	0.00	-2.5 to 2.5	Pass
				-30	3.85	11.67	0.01	-2.5 to 2.5	Pass
				-20	3.85	13.82	0.01	-2.5 to 2.5	Pass
				-10	3.85	11.83	0.01	-2.5 to 2.5	Pass
				0	3.85	13.52	0.01	-2.5 to 2.5	Pass
				10	3.85	14.96	0.01	-2.5 to 2.5	Pass
				30	3.85	16.84	0.01	-2.5 to 2.5	Pass
				40	3.85	16.88	0.01	-2.5 to 2.5	Pass
				50	3.85	21.39	0.01	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-22.62	-0.01	-2.5 to 2.5	Pass
					3.85	-36.15	-0.02	-2.5 to 2.5	Pass

64QAM	1711.5	15	0		4.43	-22.30	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-19.27	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-10.57	-0.01	-2.5 to 2.5	Pass
				0	3.85	-26.28	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.11	-0.00	-2.5 to 2.5	Pass
				30	3.85	-12.69	-0.01	-2.5 to 2.5	Pass
				40	3.85	-27.62	-0.02	-2.5 to 2.5	Pass
				50	3.85	7.04	0.00	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	1.80	0.00	-2.5 to 2.5	Pass
					3.85	8.74	0.01	-2.5 to 2.5	Pass
					4.43	13.25	0.01	-2.5 to 2.5	Pass
				-30	3.85	21.03	0.01	-2.5 to 2.5	Pass
				-20	3.85	28.37	0.02	-2.5 to 2.5	Pass
				-10	3.85	-7.04	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				10	3.85	5.51	0.00	-2.5 to 2.5	Pass
				30	3.85	13.53	0.01	-2.5 to 2.5	Pass
				40	3.85	19.90	0.01	-2.5 to 2.5	Pass
				50	3.85	24.83	0.01	-2.5 to 2.5	Pass
				20	3.27	24.32	0.01	-2.5 to 2.5	Pass
					3.85	27.84	0.02	-2.5 to 2.5	Pass
					4.43	33.02	0.02	-2.5 to 2.5	Pass
				-30	3.85	-12.20	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-1.53	-0.00	-2.5 to 2.5	Pass
				-10	3.85	1.87	0.00	-2.5 to 2.5	Pass
				0	3.85	11.06	0.01	-2.5 to 2.5	Pass
				10	3.85	16.68	0.01	-2.5 to 2.5	Pass
				30	3.85	17.81	0.01	-2.5 to 2.5	Pass
				40	3.85	21.77	0.01	-2.5 to 2.5	Pass
				50	3.85	26.96	0.02	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-1.79	-0.00	-2.5 to 2.5	Pass
					3.85	-6.88	-0.00	-2.5 to 2.5	Pass
					4.43	-14.62	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-11.92	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-19.78	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-22.09	-0.01	-2.5 to 2.5	Pass
				0	3.85	-29.47	-0.02	-2.5 to 2.5	Pass
				10	3.85	-35.36	-0.02	-2.5 to 2.5	Pass
				30	3.85	-39.40	-0.02	-2.5 to 2.5	Pass
				40	3.85	-44.17	-0.02	-2.5 to 2.5	Pass
				50	3.85	-3.00	-0.00	-2.5 to 2.5	Pass



BUREAU
VERITAS

Test Report No.: W7L-P21100018-1RF06

B66_5MHZ TEST RESULT

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-10.17	-0.01	-2.5 to 2.5	Pass
					3.85	-9.27	-0.01	-2.5 to 2.5	Pass
					4.43	-0.16	-0.00	-2.5 to 2.5	Pass
				-30	3.85	6.39	0.00	-2.5 to 2.5	Pass
				-20	3.85	19.37	0.01	-2.5 to 2.5	Pass
				-10	3.85	27.27	0.02	-2.5 to 2.5	Pass
				0	3.85	29.51	0.02	-2.5 to 2.5	Pass
				10	3.85	39.28	0.02	-2.5 to 2.5	Pass
				30	3.85	22.03	0.01	-2.5 to 2.5	Pass
				40	3.85	6.32	0.00	-2.5 to 2.5	Pass
				50	3.85	8.87	0.01	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	21.36	0.01	-2.5 to 2.5	Pass
					3.85	28.81	0.02	-2.5 to 2.5	Pass
					4.43	27.91	0.02	-2.5 to 2.5	Pass
				-30	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
				-20	3.85	1.80	0.00	-2.5 to 2.5	Pass
				-10	3.85	3.69	0.00	-2.5 to 2.5	Pass
				0	3.85	4.82	0.00	-2.5 to 2.5	Pass
				10	3.85	3.69	0.00	-2.5 to 2.5	Pass
				30	3.85	4.68	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-2.13	-0.00	-2.5 to 2.5	Pass
					3.85	-7.27	-0.00	-2.5 to 2.5	Pass
					4.43	-20.03	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-34.10	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-20.03	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-17.88	-0.01	-2.5 to 2.5	Pass
				0	3.85	-11.99	-0.01	-2.5 to 2.5	Pass
				10	3.85	-24.10	-0.01	-2.5 to 2.5	Pass
				30	3.85	-11.60	-0.01	-2.5 to 2.5	Pass
				40	3.85	-23.55	-0.01	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	14.58	0.01	-2.5 to 2.5	Pass
					3.85	18.41	0.01	-2.5 to 2.5	Pass
					4.43	19.30	0.01	-2.5 to 2.5	Pass
				-30	3.85	28.14	0.02	-2.5 to 2.5	Pass
				-20	3.85	34.05	0.02	-2.5 to 2.5	Pass
				-10	3.85	36.29	0.02	-2.5 to 2.5	Pass
				0	3.85	30.34	0.02	-2.5 to 2.5	Pass
				10	3.85	24.12	0.01	-2.5 to 2.5	Pass
				30	3.85	31.56	0.02	-2.5 to 2.5	Pass
				40	3.85	38.77	0.02	-2.5 to 2.5	Pass
				50	3.85	4.58	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	2.20	0.00	-2.5 to 2.5	Pass
					3.85	0.64	0.00	-2.5 to 2.5	Pass
					4.43	5.09	0.00	-2.5 to 2.5	Pass
				-30	3.85	5.65	0.00	-2.5 to 2.5	Pass
				-20	3.85	9.71	0.01	-2.5 to 2.5	Pass
				-10	3.85	10.01	0.01	-2.5 to 2.5	Pass
				0	3.85	14.18	0.01	-2.5 to 2.5	Pass
				10	3.85	18.02	0.01	-2.5 to 2.5	Pass
				30	3.85	25.46	0.01	-2.5 to 2.5	Pass
				40	3.85	26.71	0.02	-2.5 to 2.5	Pass
				50	3.85	35.42	0.02	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-25.03	-0.01	-2.5 to 2.5	Pass
					3.85	-45.35	-0.03	-2.5 to 2.5	Pass