LTE BAND 17

FREQUENCY STABILITY B17_5MHZ TEST RESULT

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	-5.99	-0.01	-2.5 to 2.5	Pass
					3.85	-7.62	-0.01	-2.5 to 2.5	Pass
					4.43	-9.41	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-12.95	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-17.64	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-22.02	-0.03	-2.5 to 2.5	Pass
				0	3.85	-27.57	-0.04	-2.5 to 2.5	Pass
				10	3.85	-34.13	-0.05	-2.5 to 2.5	Pass
				30	3.85	-39.20	-0.06	-2.5 to 2.5	Pass
				40	3.85	-19.73	-0.03	-2.5 to 2.5	Pass
				50	3.85	3.96	0.01	-2.5 to 2.5	Pass
	710	25	0	20	3.27	1.73	0.00	-2.5 to 2.5	Pass
					3.85	-1.02	-0.00	-2.5 to 2.5	Pass
					4.43	-4.16	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-6.24	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-9.27	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-13.20	-0.02	-2.5 to 2.5	Pass
				0	3.85	-17.92	-0.03	-2.5 to 2.5	Pass
				10	3.85	-21.96	-0.03	-2.5 to 2.5	Pass
				30	3.85	-26.44	-0.04	-2.5 to 2.5	Pass
				40	3.85	-29.71	-0.04	-2.5 to 2.5	Pass
				50	3.85	-33.06	-0.05	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.84	-0.00	-2.5 to 2.5	Pass
					3.85	-1.82	-0.00	-2.5 to 2.5	Pass
					4.43	-3.09	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.76	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-8.05	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.97	-0.01	-2.5 to 2.5	Pass
				0	3.85	-10.67	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11.21	-0.02	-2.5 to 2.5	Pass
				30	3.85	-13.79	-0.02	-2.5 to 2.5	Pass
				40	3.85	-16.21	-0.02	-2.5 to 2.5	Pass
				50	3.85	-18.02	-0.03	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-2.67	-0.00	-2.5 to 2.5	Pass
					3.85	-8.81	-0.01	-2.5 to 2.5	Pass
					4.43	-12.10	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-14.75	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-17.84	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-19.31	-0.03	-2.5 to 2.5	Pass
				0	3.85	-20.94	-0.03	-2.5 to 2.5	Pass
				10	3.85	-22.22	-0.03	-2.5 to 2.5	Pass
				30	3.85	-23.20	-0.03	-2.5 to 2.5	Pass
				40	3.85	-24.61	-0.03	-2.5 to 2.5	Pass
				50	3.85	-26.24	-0.04	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-38.20	-0.05	-2.5 to 2.5	Pass
					3.85	-40.67	-0.06	-2.5 to 2.5	Pass
					4.43	-43.87	-0.06	-2.5 to 2.5	Pass
				-30	3.85	-44.79	-0.06	-2.5 to 2.5	Pass
				-20	3.85	-10.71	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-3.39	-0.00	-2.5 to 2.5	Pass

				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

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
				50	3.85	-4.18	-0.01	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.89	-0.01	-2.5 to 2.5	Pass
					3.85	-6.58	-0.01	-2.5 to 2.5	Pass
					4.43	-11.44	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-13.52	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-19.17	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-24.30	-0.03	-2.5 to 2.5	Pass
				0	3.85	-32.41	-0.05	-2.5 to 2.5	Pass
				10	3.85	-35.63	-0.05	-2.5 to 2.5	Pass
				30	3.85	-41.07	-0.06	-2.5 to 2.5	Pass
				40	3.85	-46.48	-0.07	-2.5 to 2.5	Pass
				50	3.85	-3.53	-0.01	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-2.29	-0.00	-2.5 to 2.5	Pass
					3.85	-6.84	-0.01	-2.5 to 2.5	Pass
					4.43	-8.61	-0.01	-2.5 to 2.5	Pass
				-30	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
				30	3.85	-37.62	-0.05	-2.5 to 2.5	Pass
				40	3.85	-38.51	-0.05	-2.5 to 2.5	Pass
				50	3.85	-43.45	-0.06	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-8.45	-0.01	-2.5 to 2.5	Pass
					3.85	-11.82	-0.02	-2.5 to 2.5	Pass
					4.43	-13.59	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-15.38	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-18.41	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-20.24	-0.03	-2.5 to 2.5	Pass
				0	3.85	-19.78	-0.03	-2.5 to 2.5	Pass
				10	3.85	-19.57	-0.03	-2.5 to 2.5	Pass
				30	3.85	-19.77	-0.03	-2.5 to 2.5	Pass
				40	3.85	-21.44	-0.03	-2.5 to 2.5	Pass
				50	3.85	-21.90	-0.03	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-7.05	-0.01	-2.5 to 2.5	Pass
					3.85	-7.58	-0.01	-2.5 to 2.5	Pass
					4.43	-8.12	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-11.47	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-10.91	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-9.33	-0.01	-2.5 to 2.5	Pass
				0	3.85	-8.90	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.31	-0.01	-2.5 to 2.5	Pass
				30	3.85	-6.15	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.32	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.21	-0.01	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-46.08	-0.06	-2.5 to 2.5	Pass
					3.85	-47.26	-0.07	-2.5 to 2.5	Pass

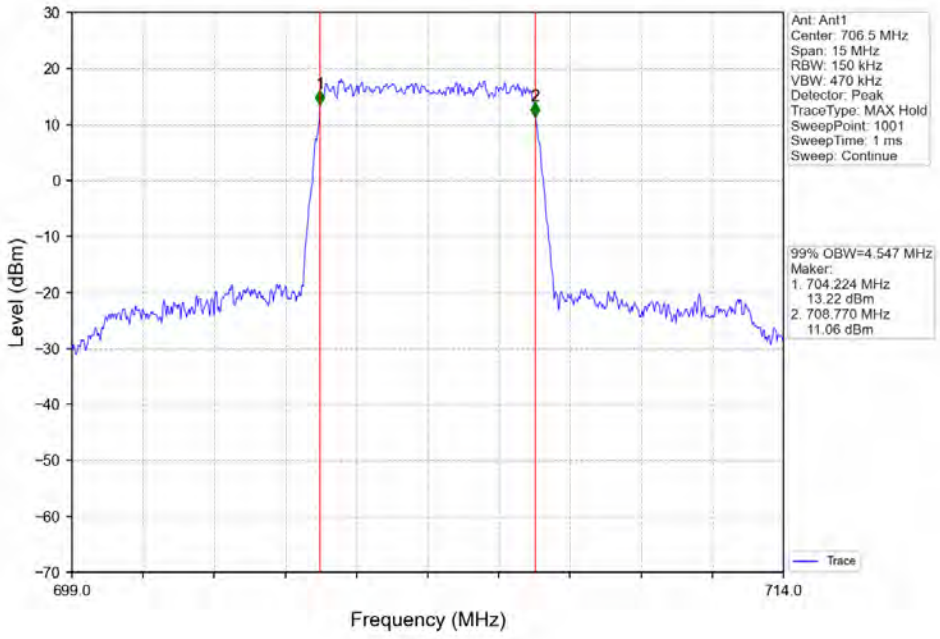
					4.43	-47.52	-0.07	-2.5 to 2.5	Pass
				-30	3.85	-49.54	-0.07	-2.5 to 2.5	Pass
				-20	3.85	-48.94	-0.07	-2.5 to 2.5	Pass
				-10	3.85	-48.04	-0.07	-2.5 to 2.5	Pass
				0	3.85	-47.08	-0.07	-2.5 to 2.5	Pass
				10	3.85	-45.22	-0.06	-2.5 to 2.5	Pass
				30	3.85	-45.32	-0.06	-2.5 to 2.5	Pass
				40	3.85	-44.86	-0.06	-2.5 to 2.5	Pass
				50	3.85	-41.48	-0.06	-2.5 to 2.5	Pass
64QAM	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

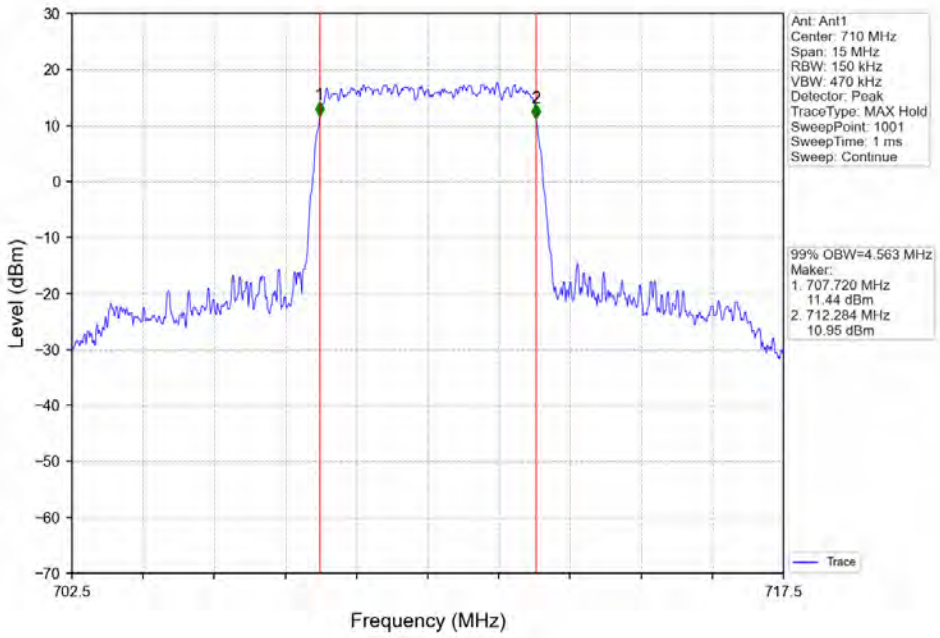
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.547	Pass
		710	25	0	4.563	Pass
		713.5	25	0	4.540	Pass
	16QAM	706.5	25	0	4.563	Pass
		710	25	0	4.575	Pass
		713.5	25	0	4.542	Pass
	64QAM	706.5	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

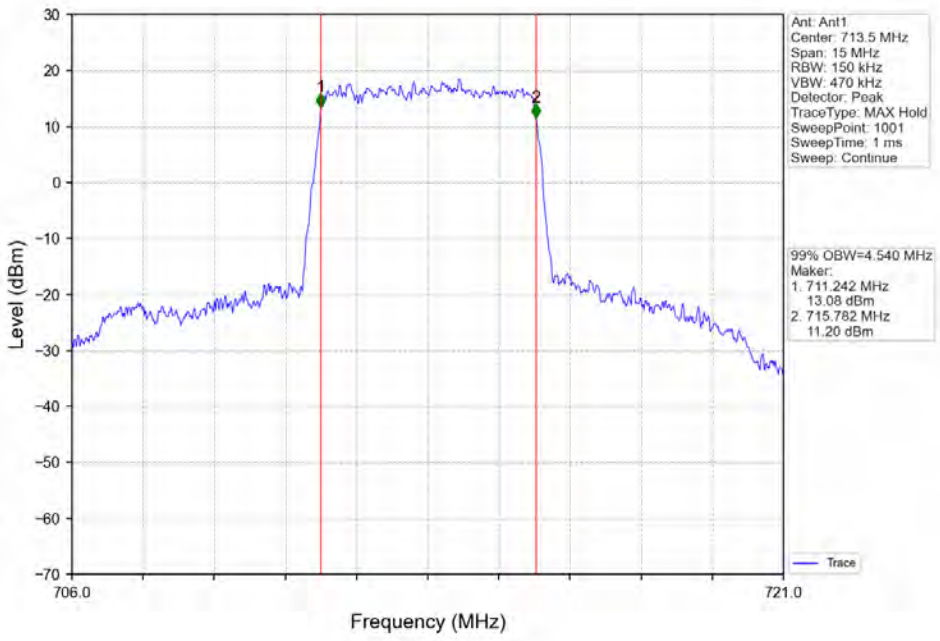
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



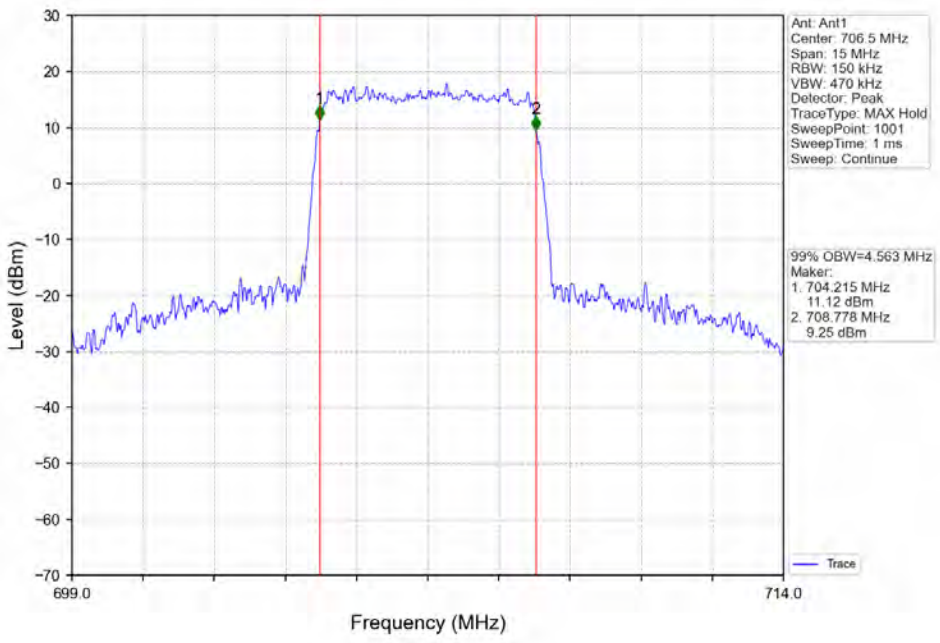
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



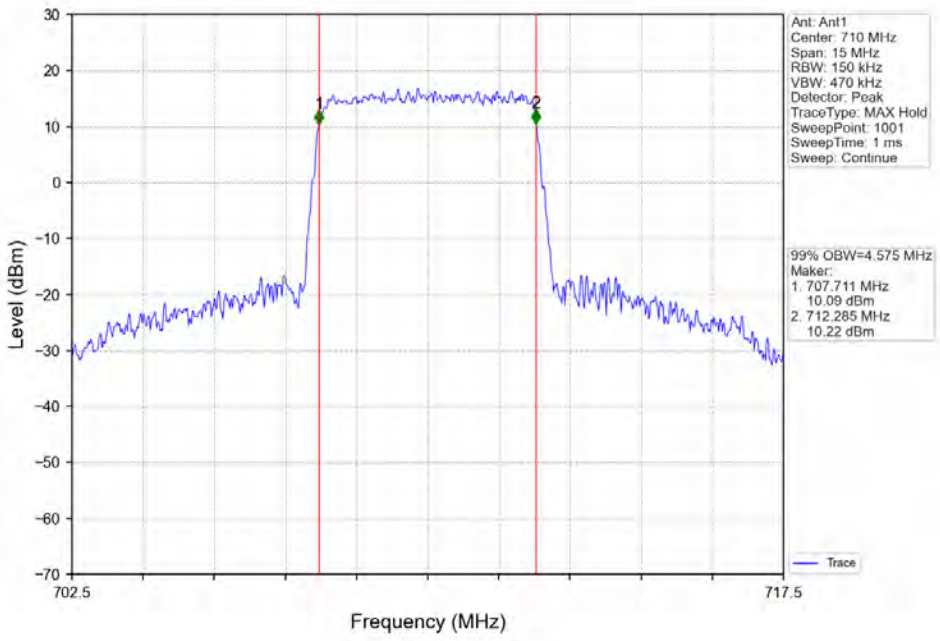
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



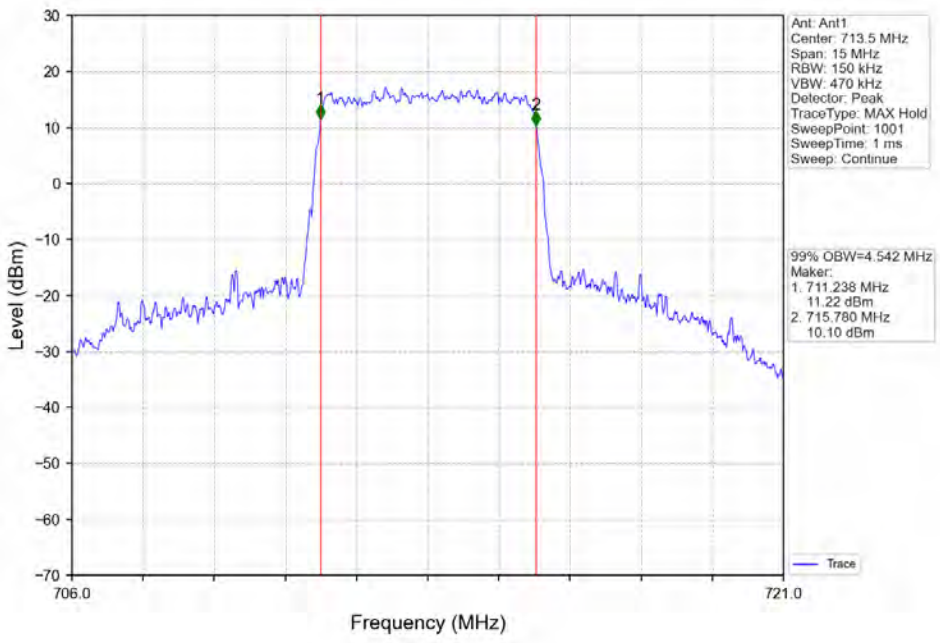
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



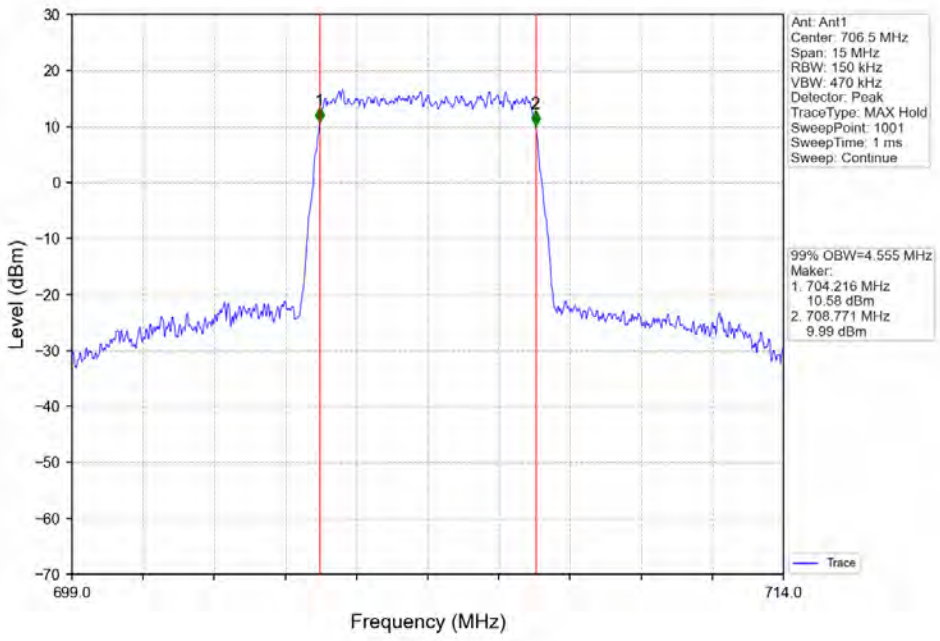
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



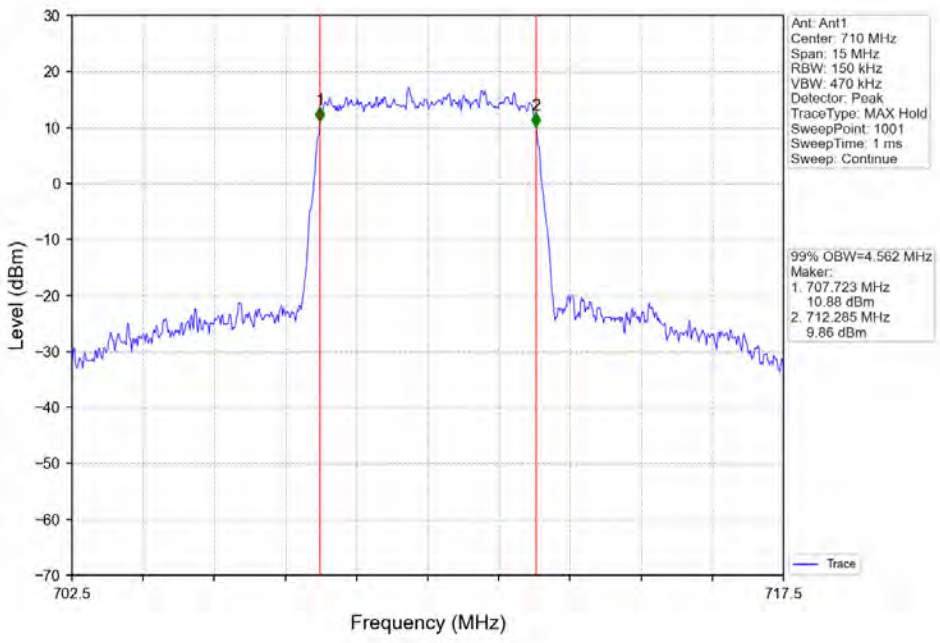
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



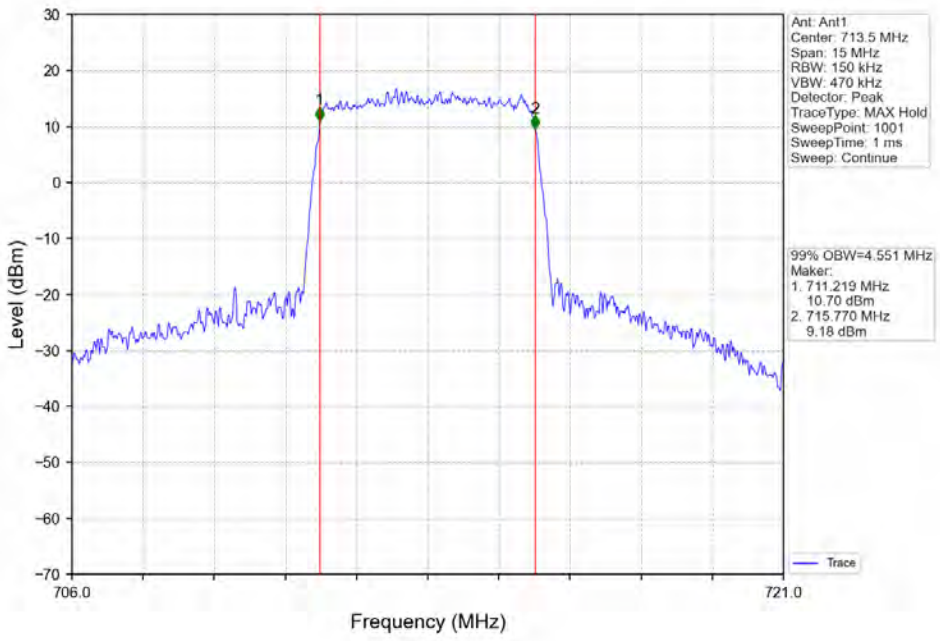
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



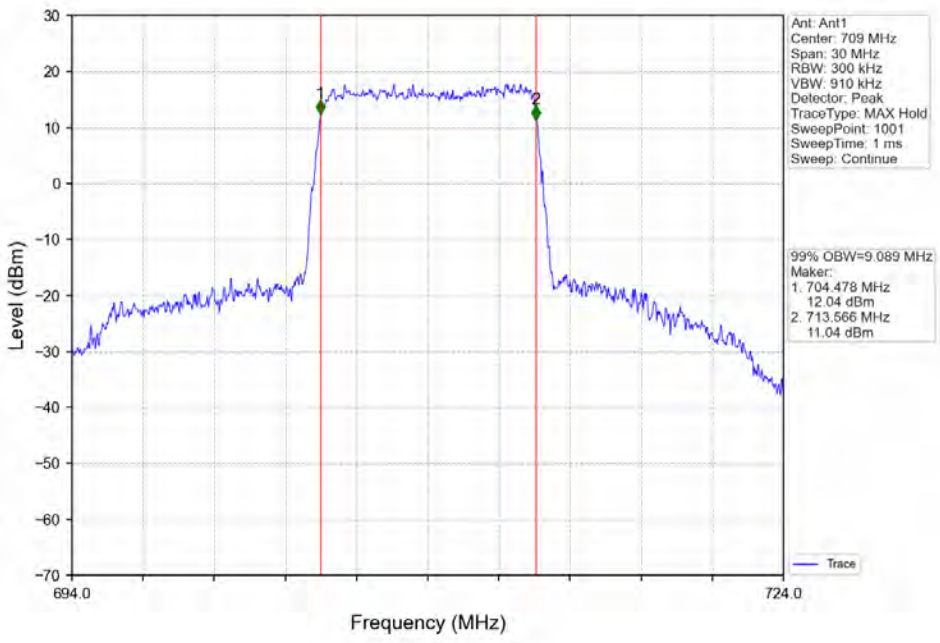
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



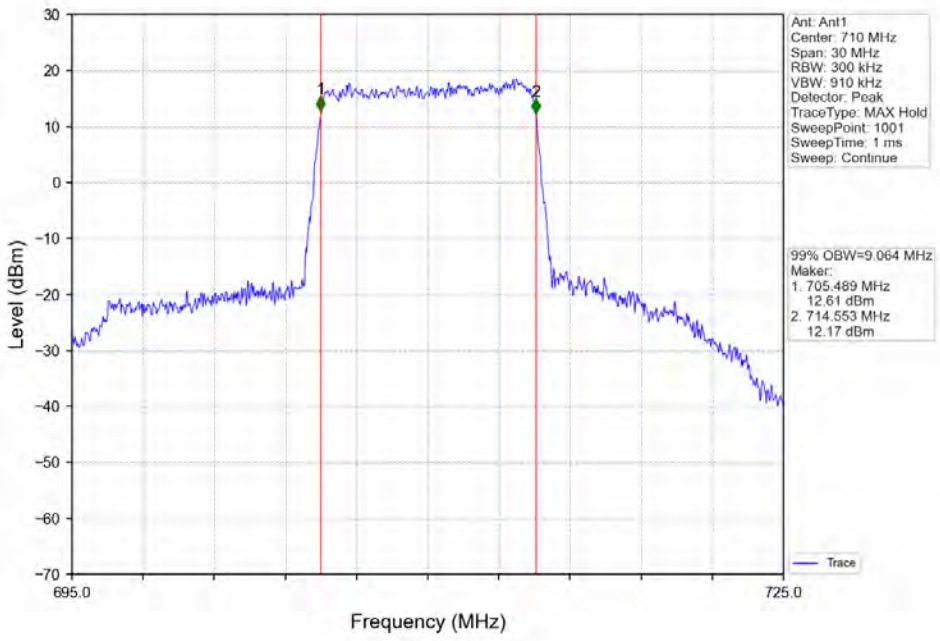
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



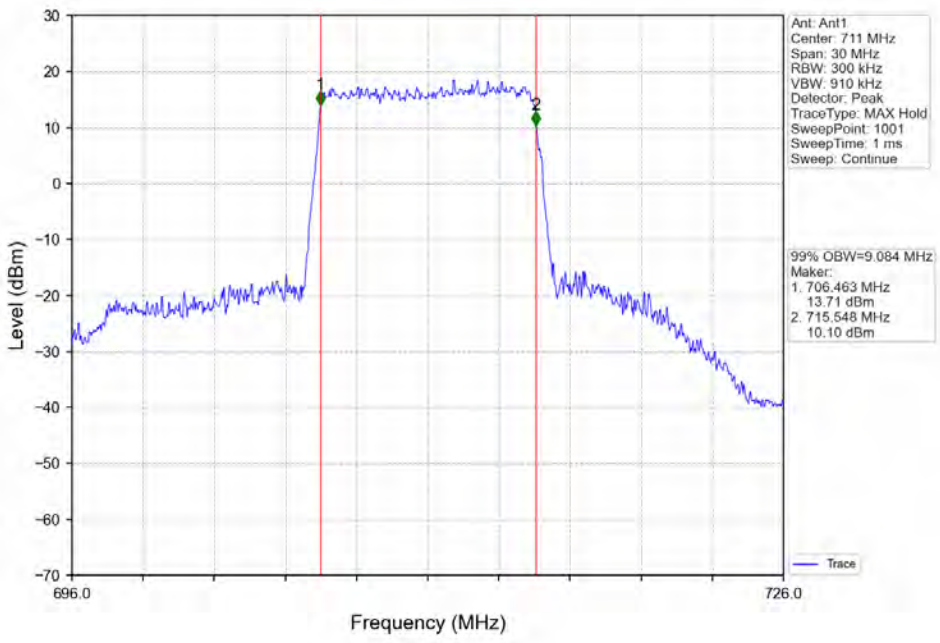
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



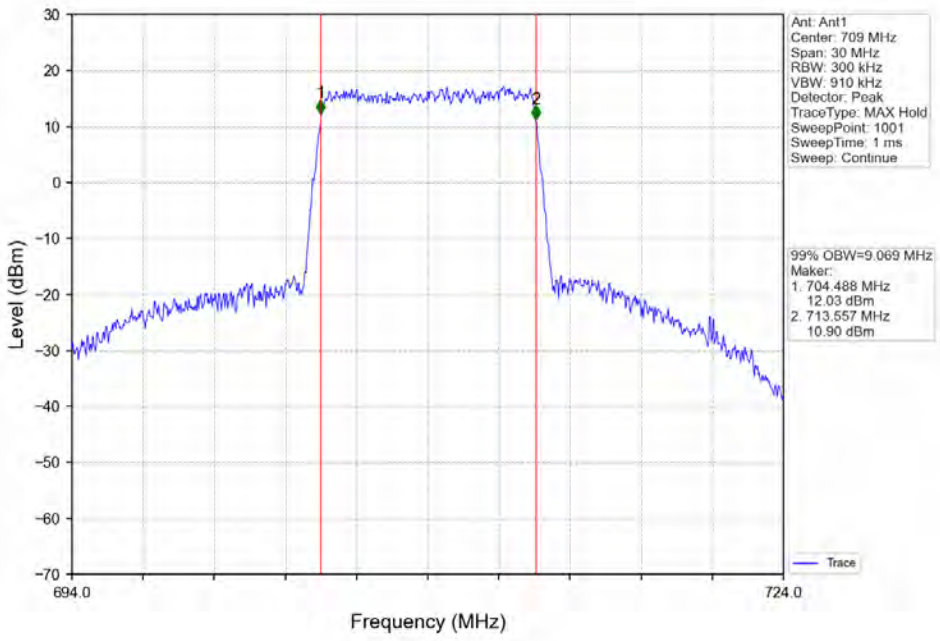
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



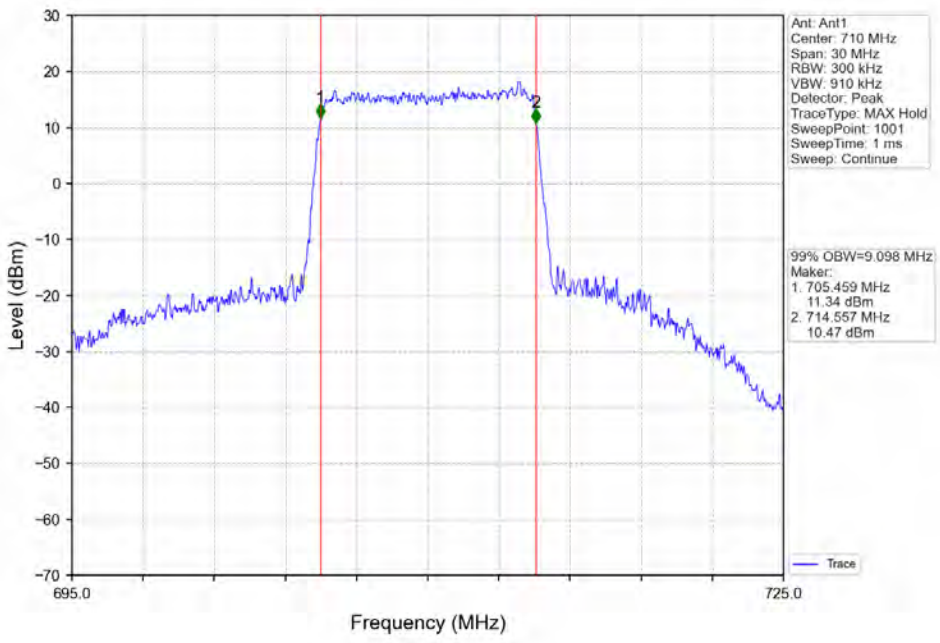
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



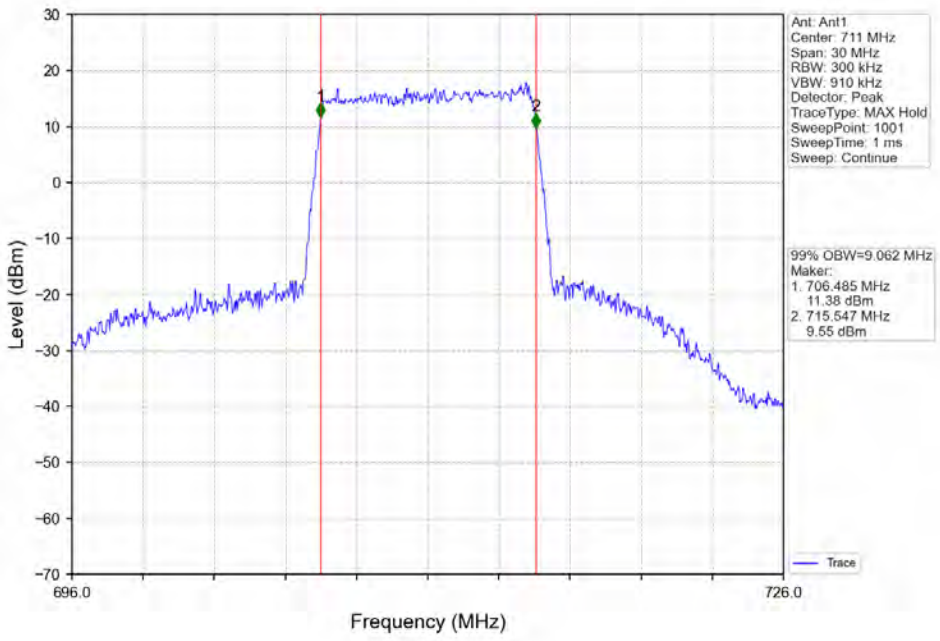
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



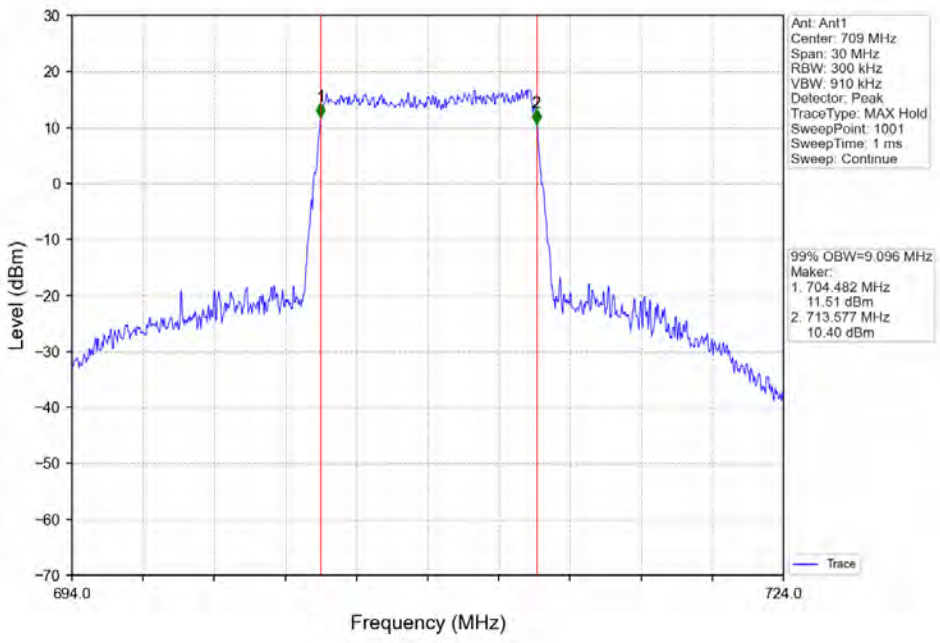
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



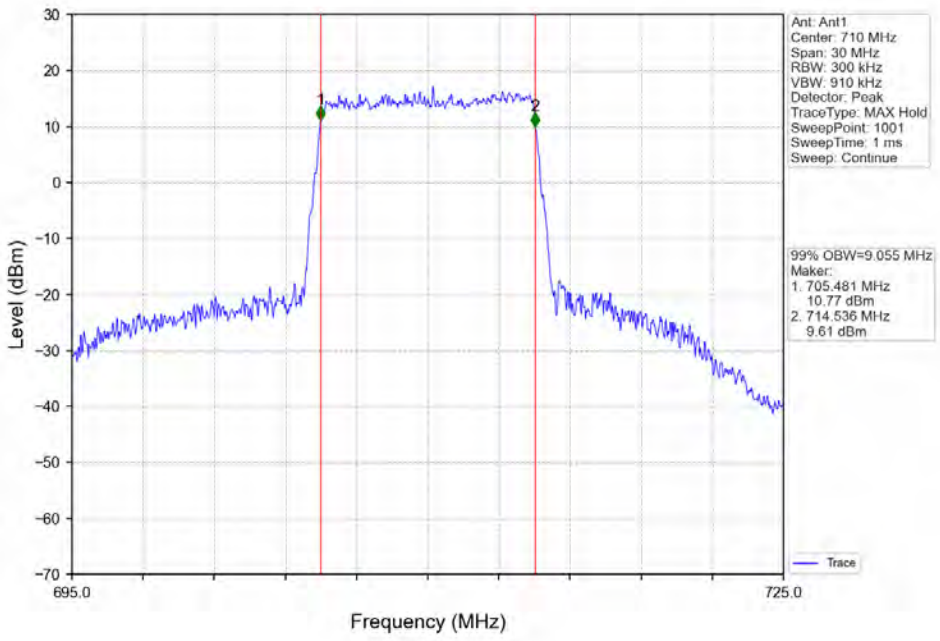
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



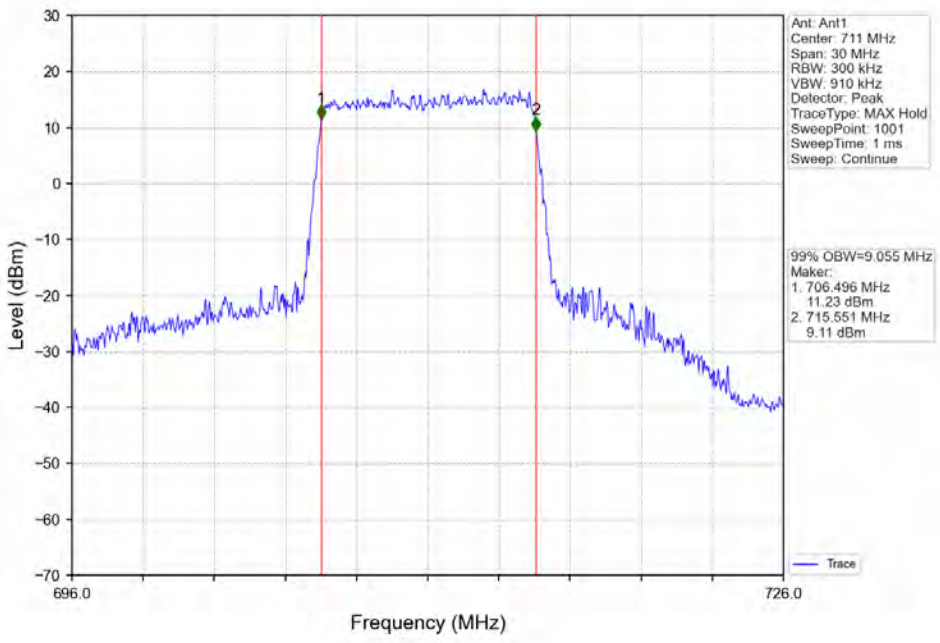
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

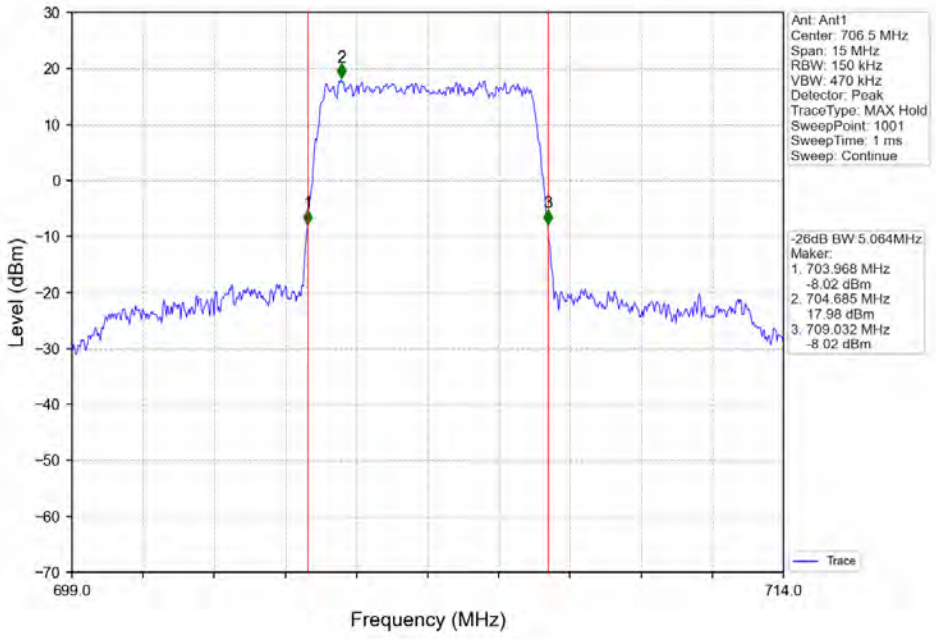


26DB_OBW TEST RESULT

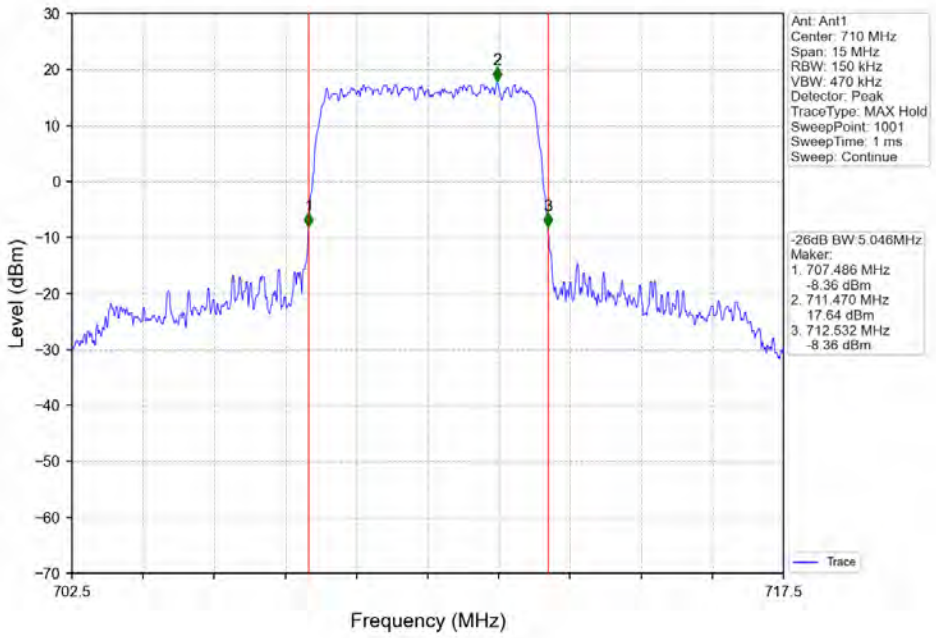
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.064	Pass
		710	25	0	5.046	Pass
		713.5	25	0	5.008	Pass
	16QAM	706.5	25	0	5.040	Pass
		710	25	0	5.063	Pass
		713.5	25	0	5.045	Pass
	64QAM	706.5	25	0	5.072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

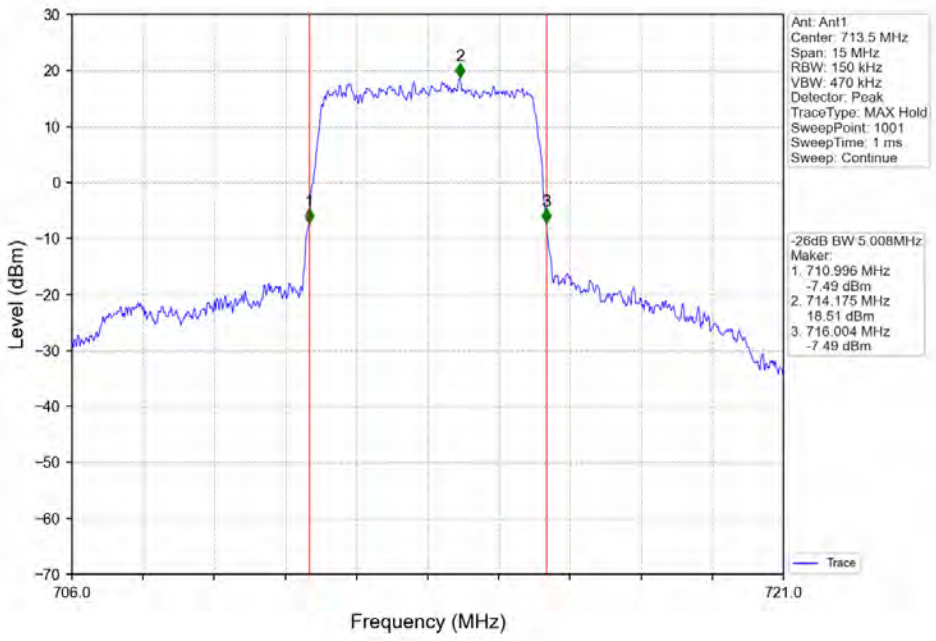
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



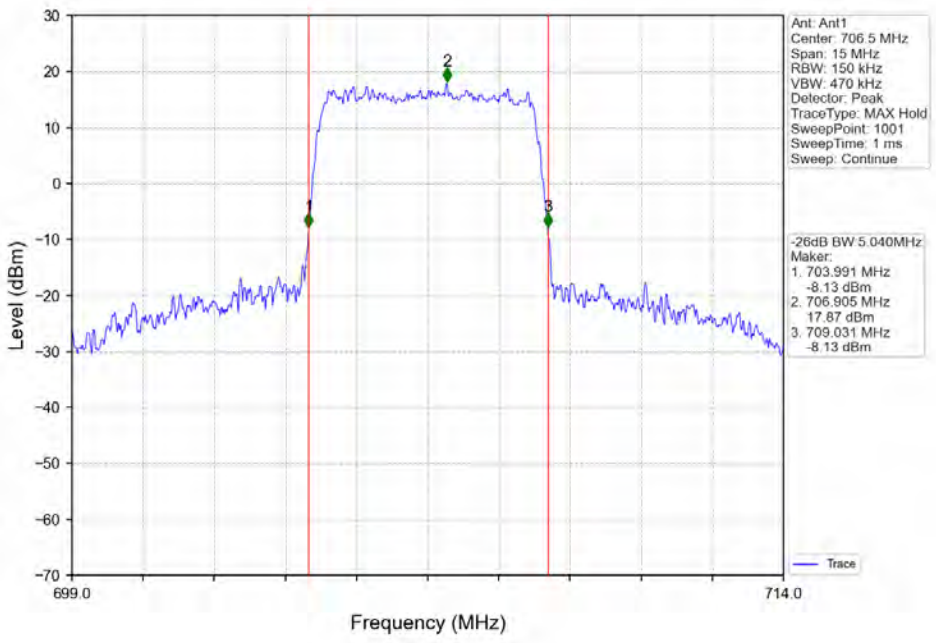
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



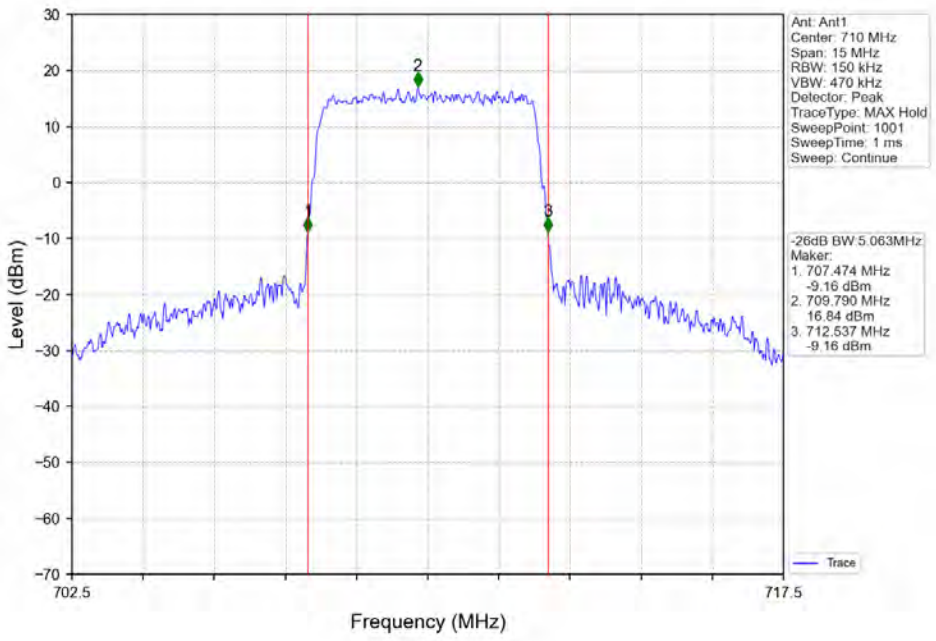
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



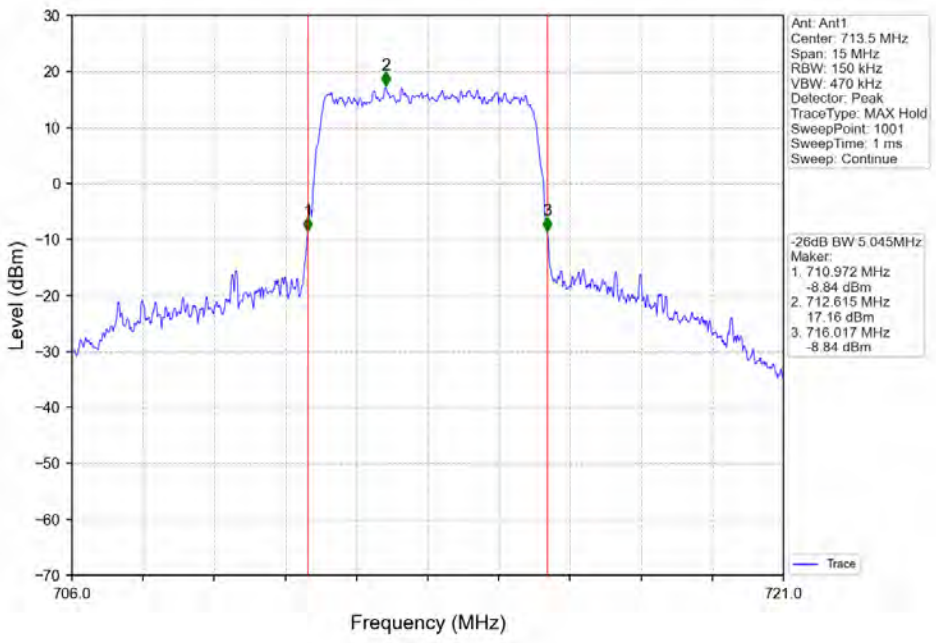
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



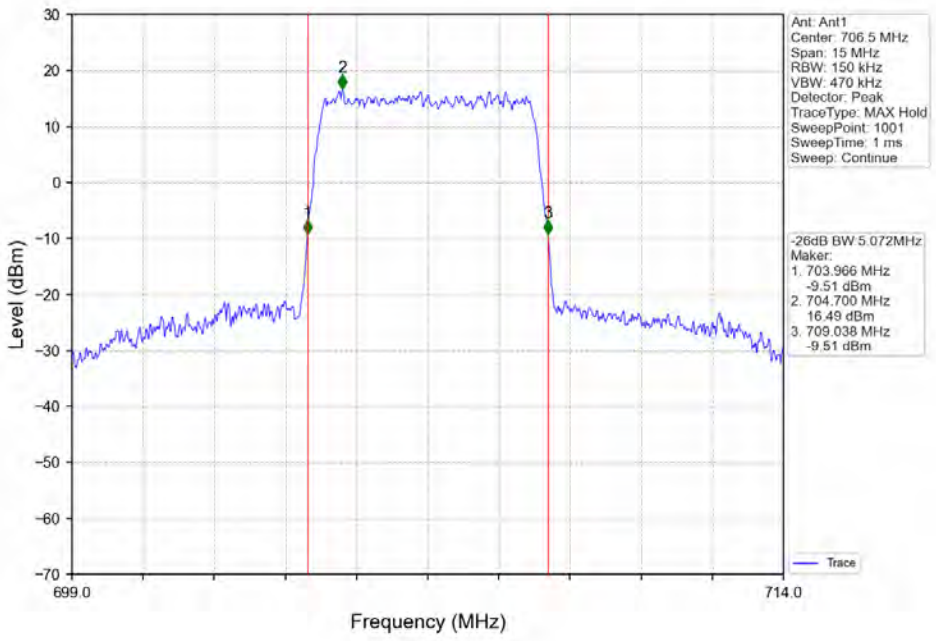
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



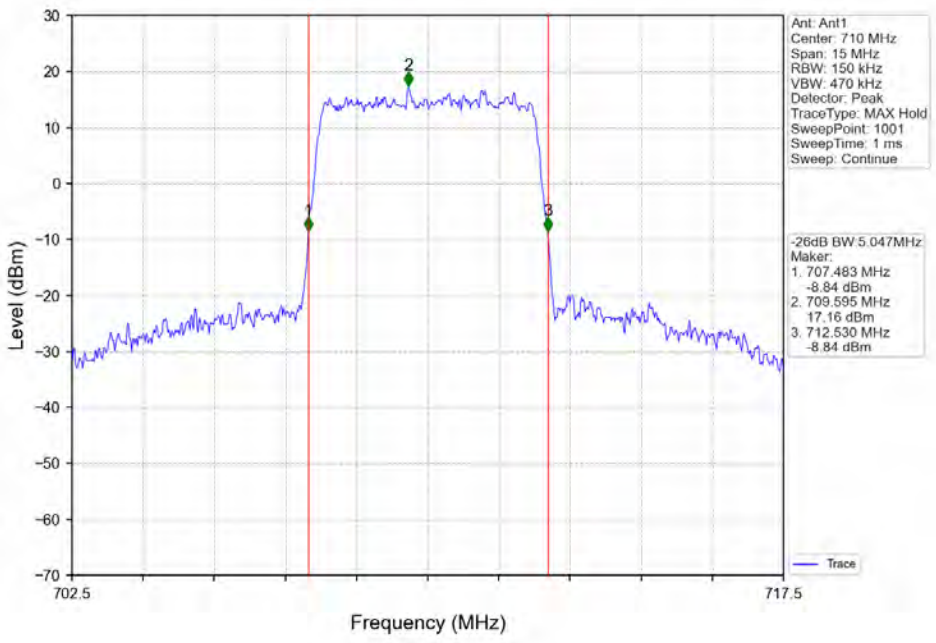
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



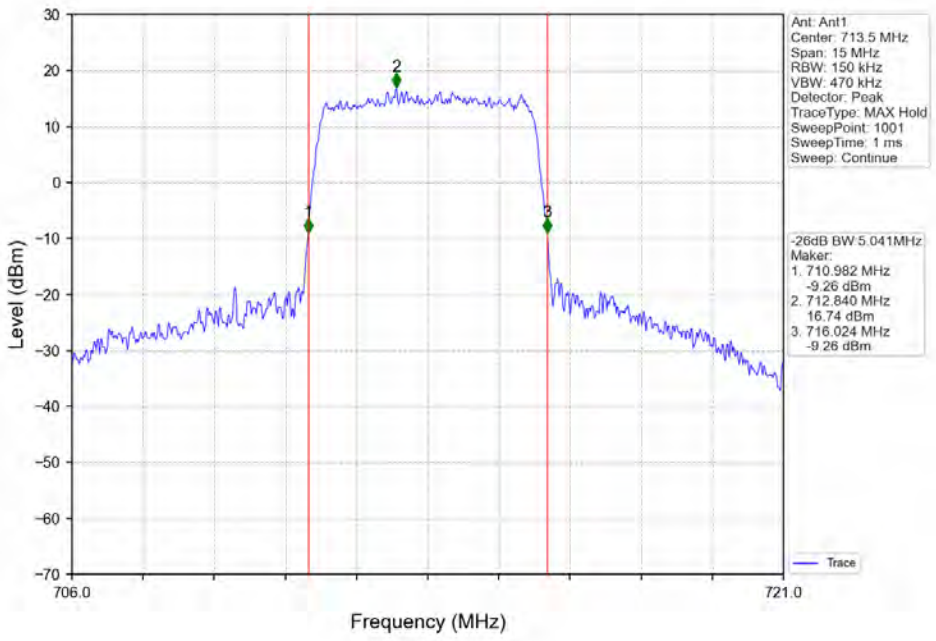
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



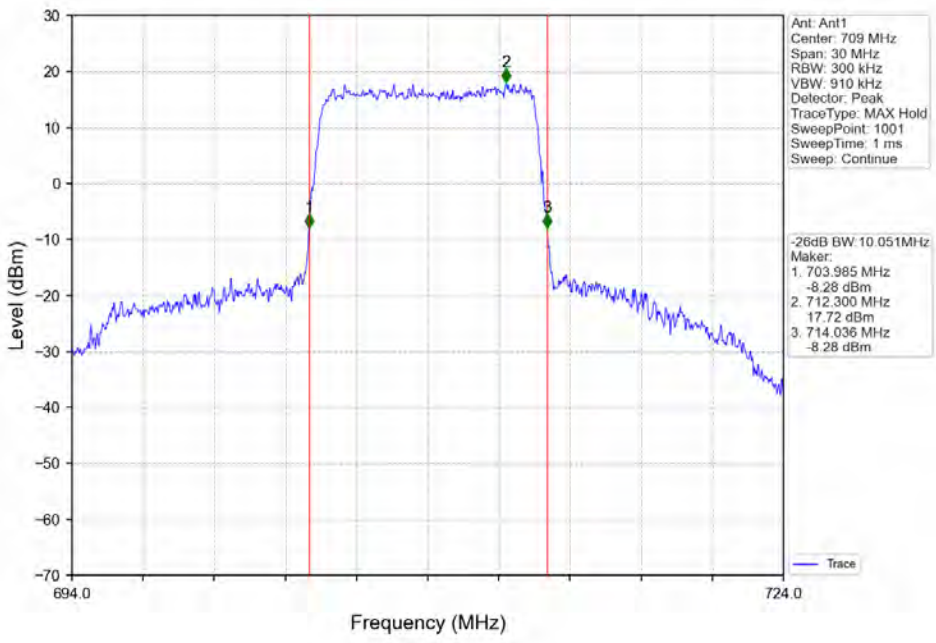
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



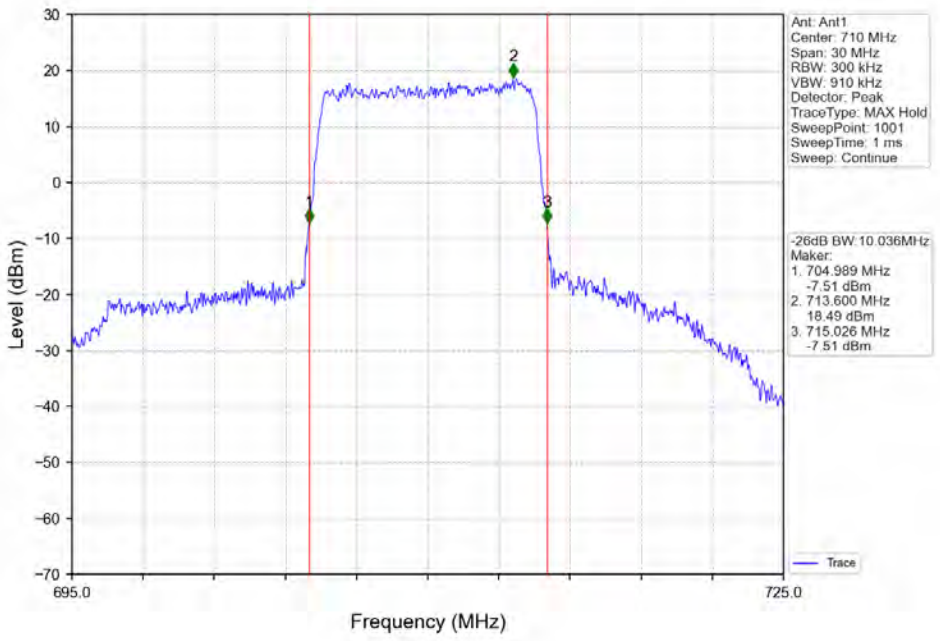
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



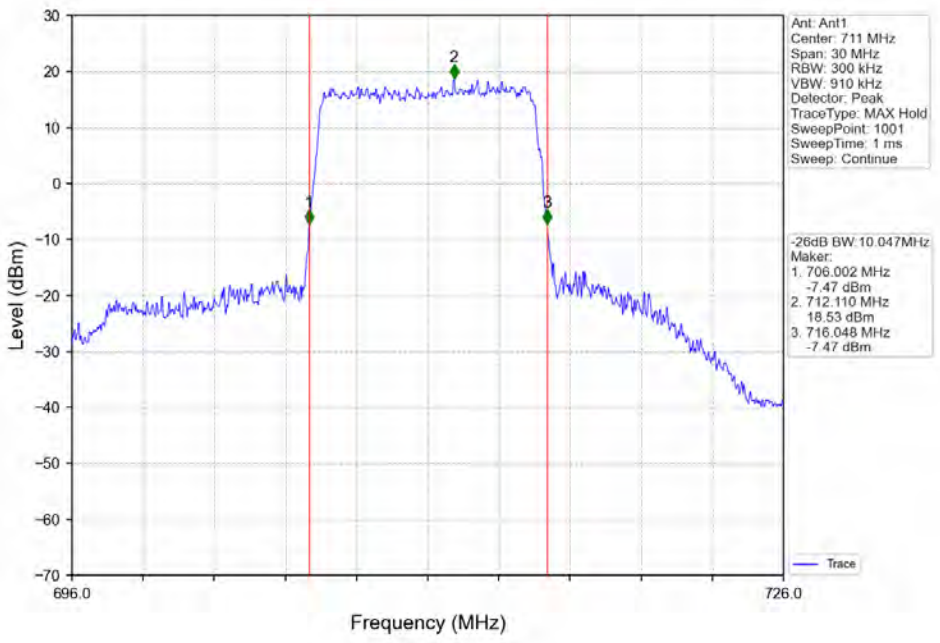
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



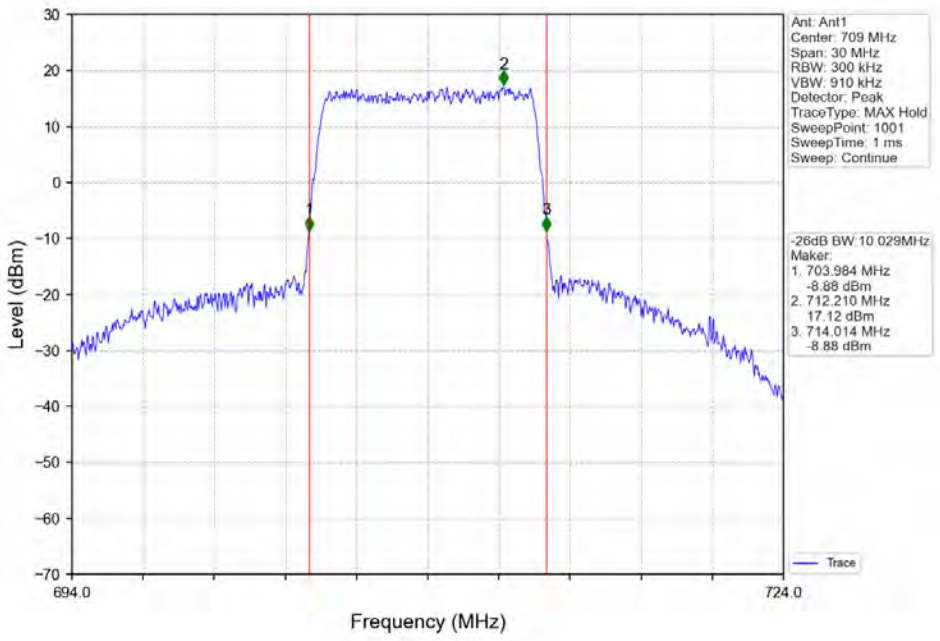
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



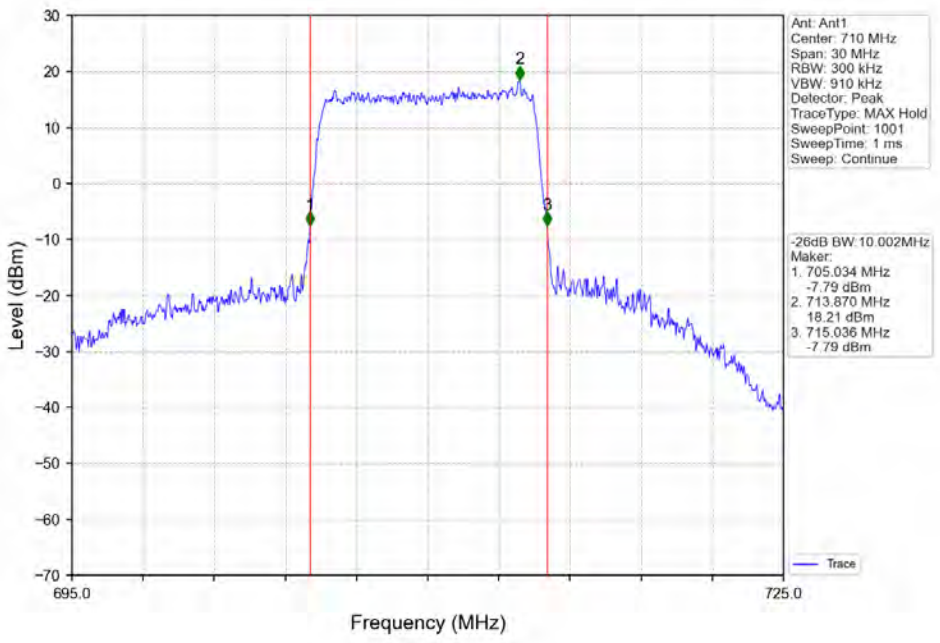
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



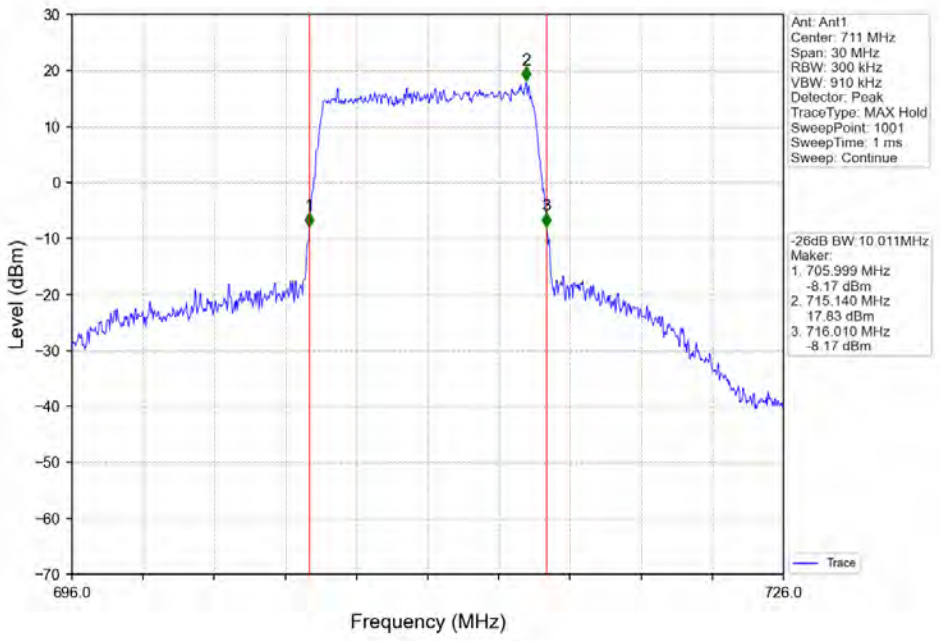
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



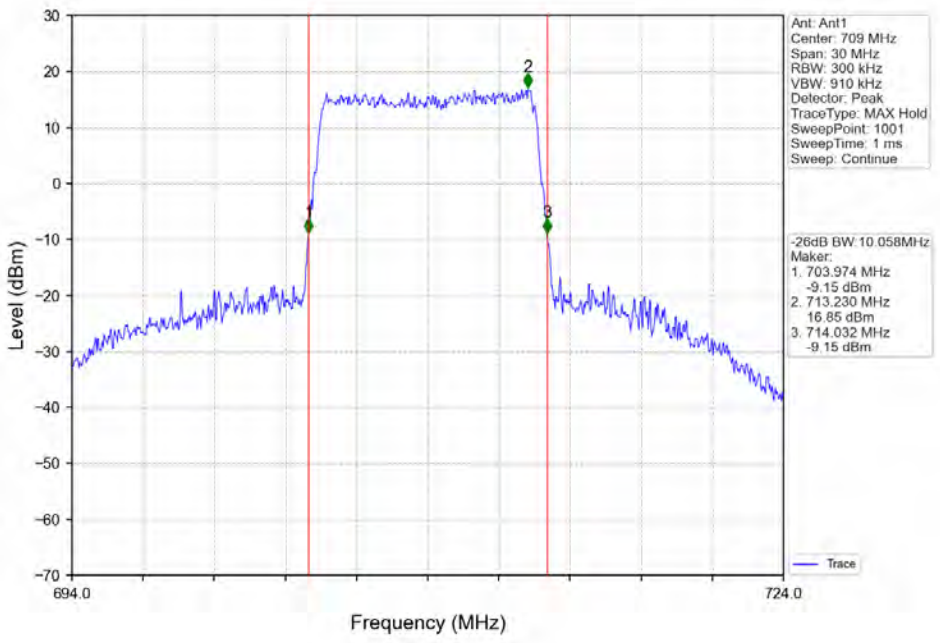
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



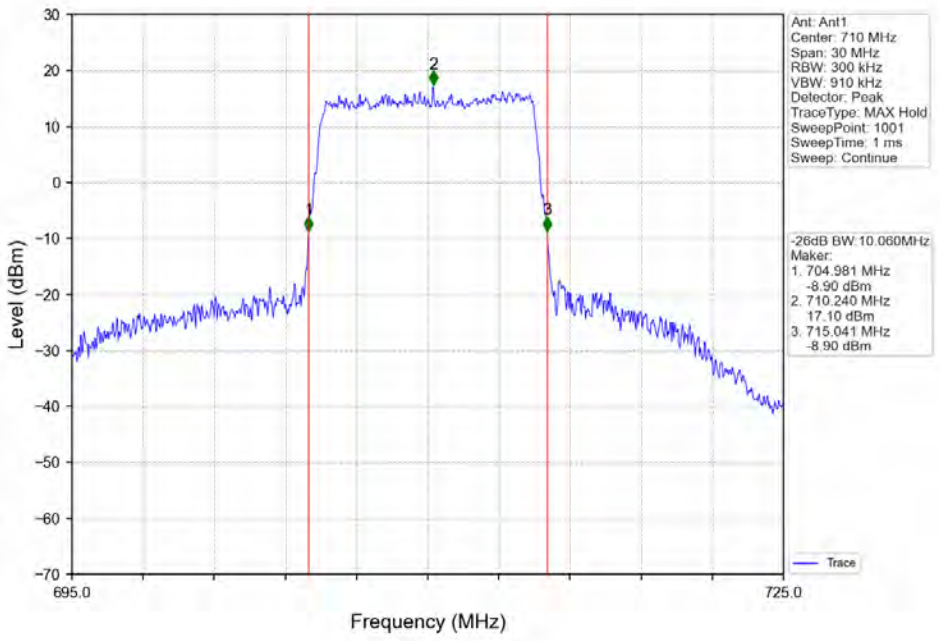
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



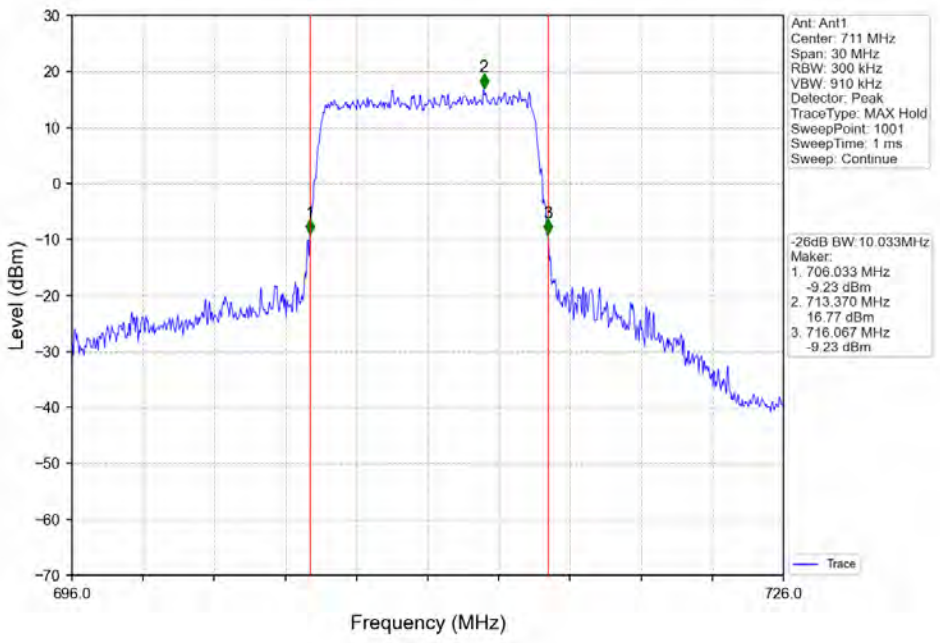
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

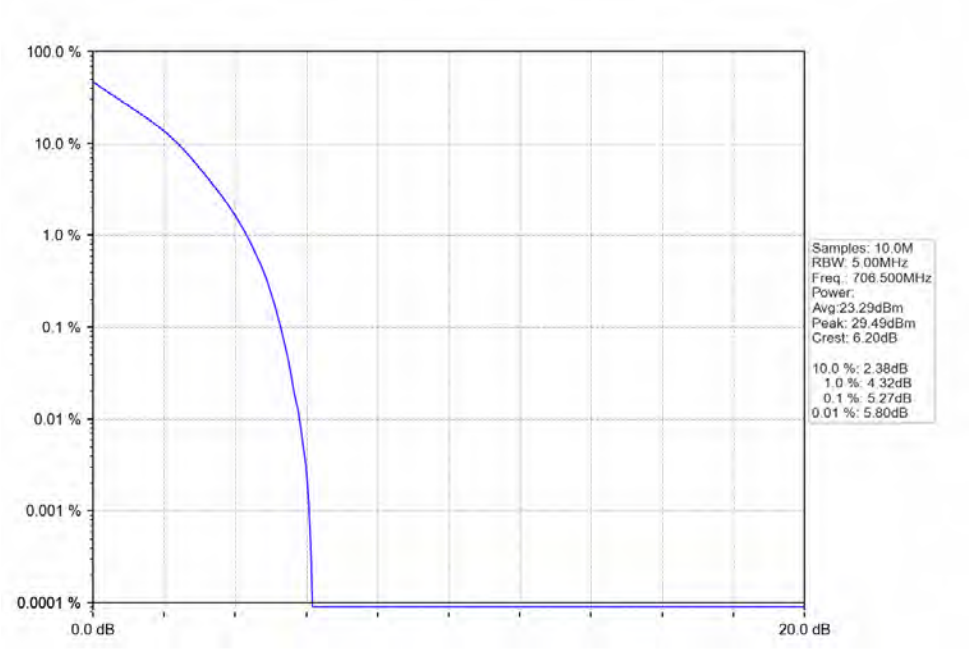


PEAK-AVERAGE RATIO B17_5MHZ TEST RESULT

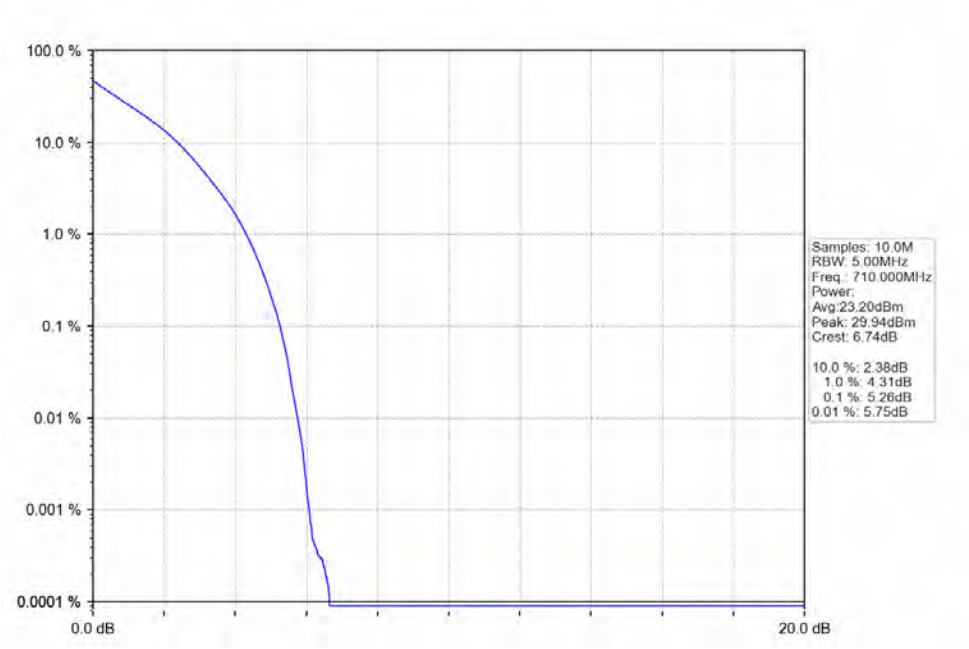
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.27	<=13	Pass
	710	25	0	5.26	<=13	Pass
	713.5	25	0	5.02	<=13	Pass
16QAM	706.5	25	0	6.02	<=13	Pass
	710	25	0	5.99	<=13	Pass
	713.5	25	0	5.78	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

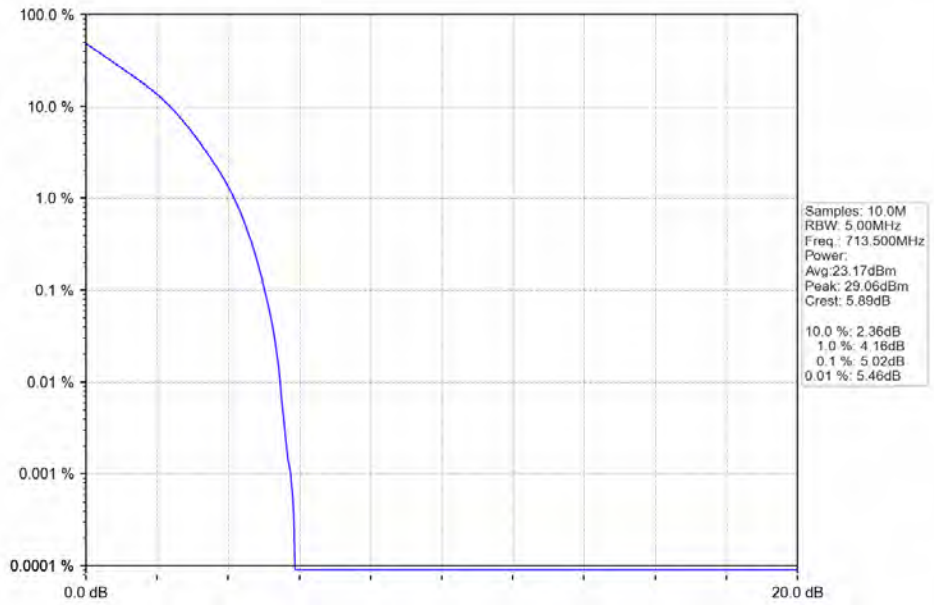
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



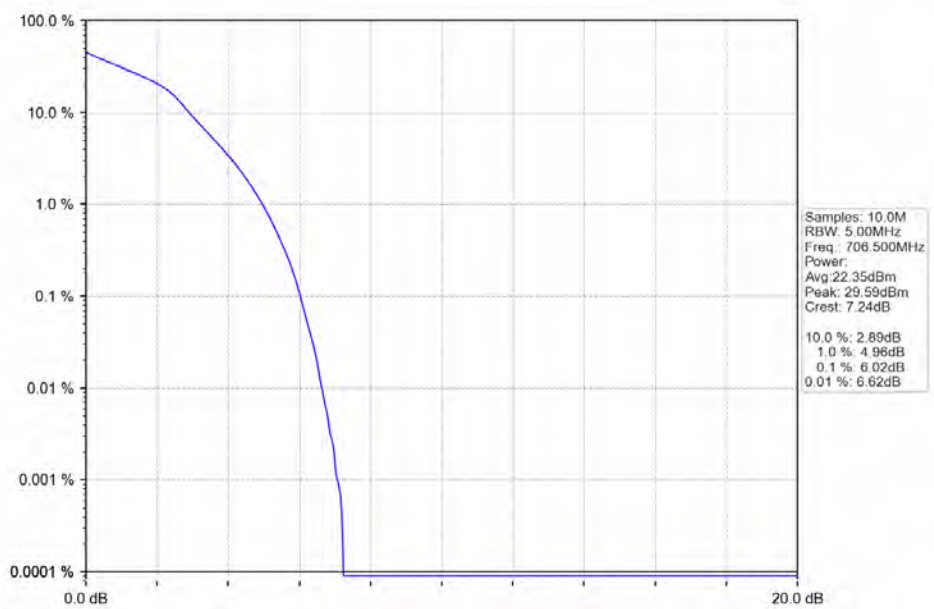
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



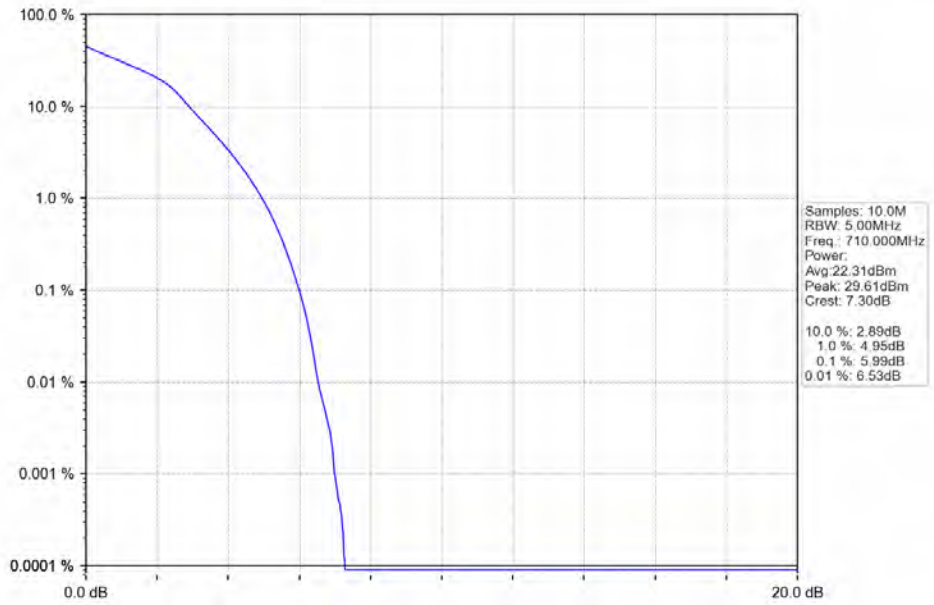
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



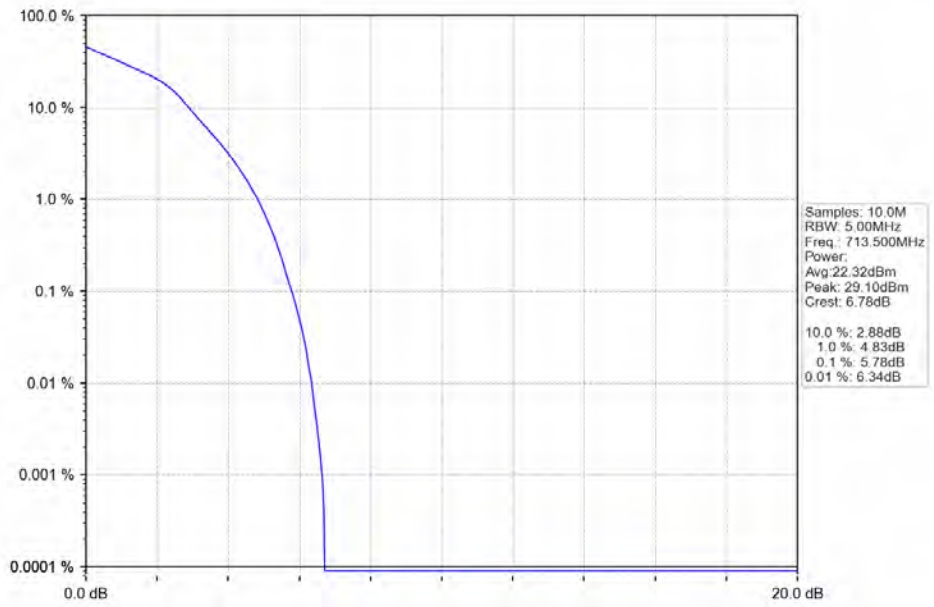
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



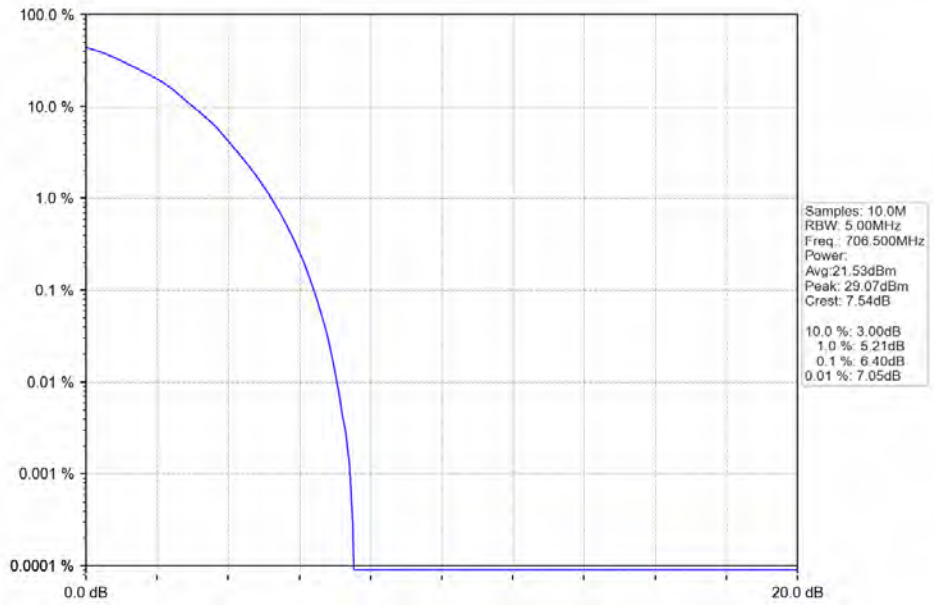
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



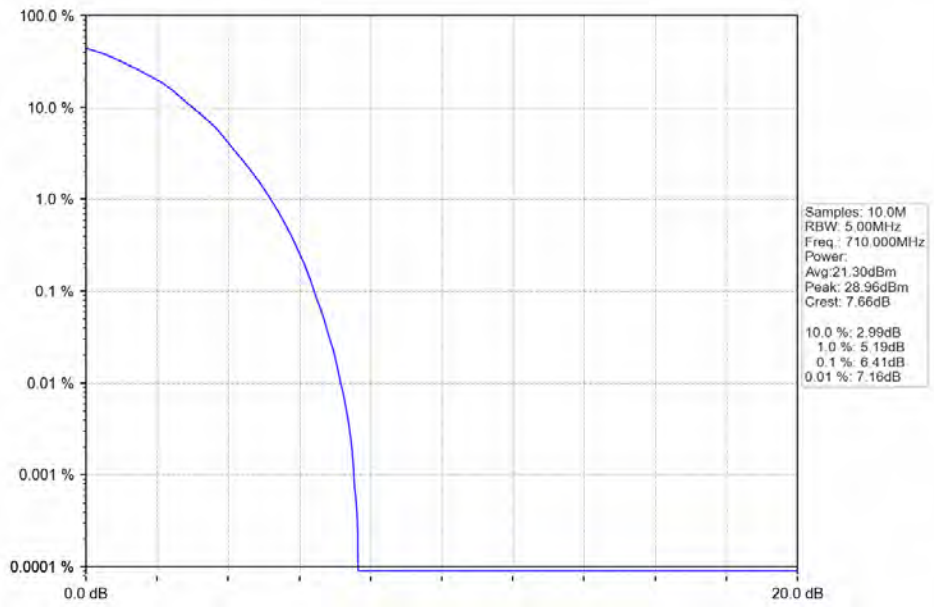
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



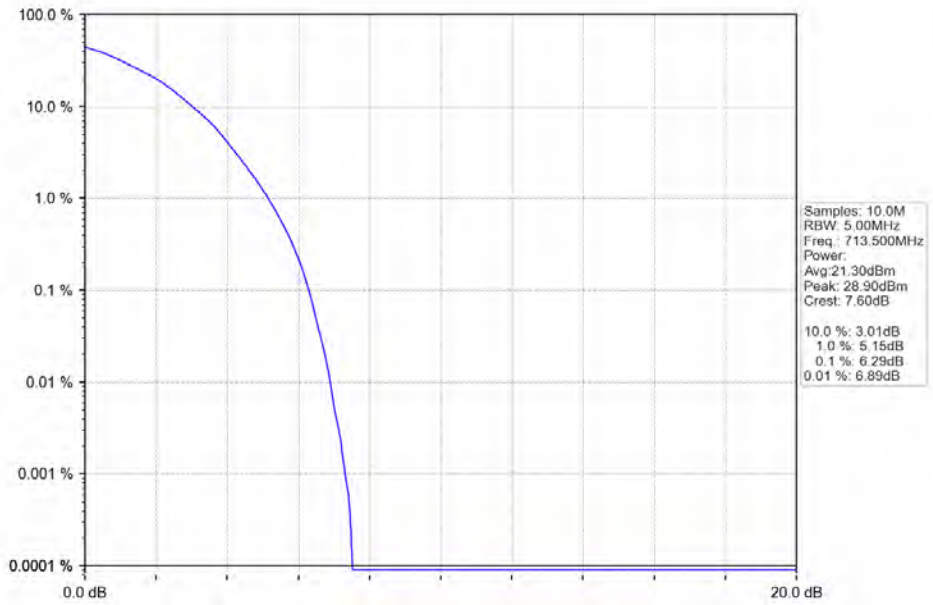
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV

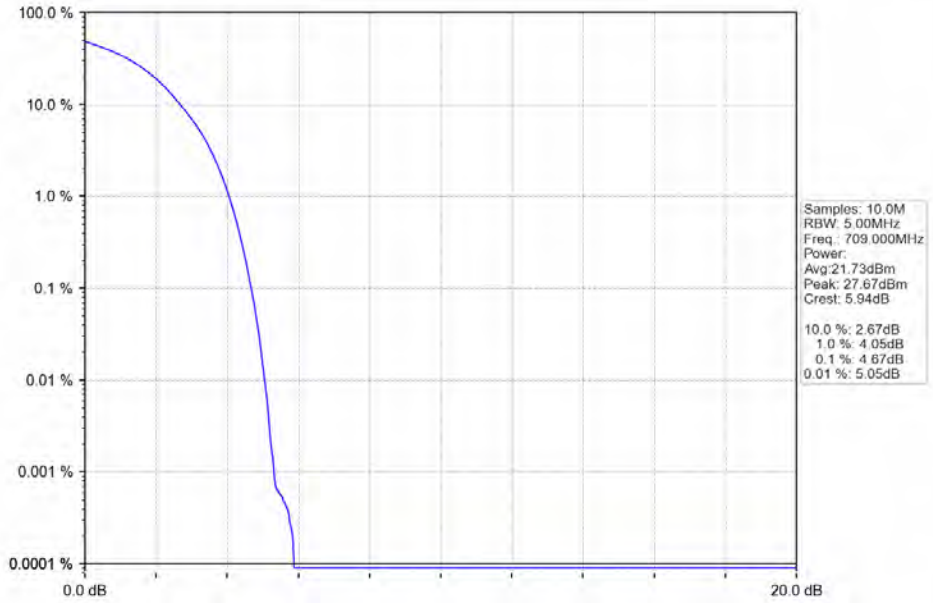


B17_10MHZ TEST RESULT

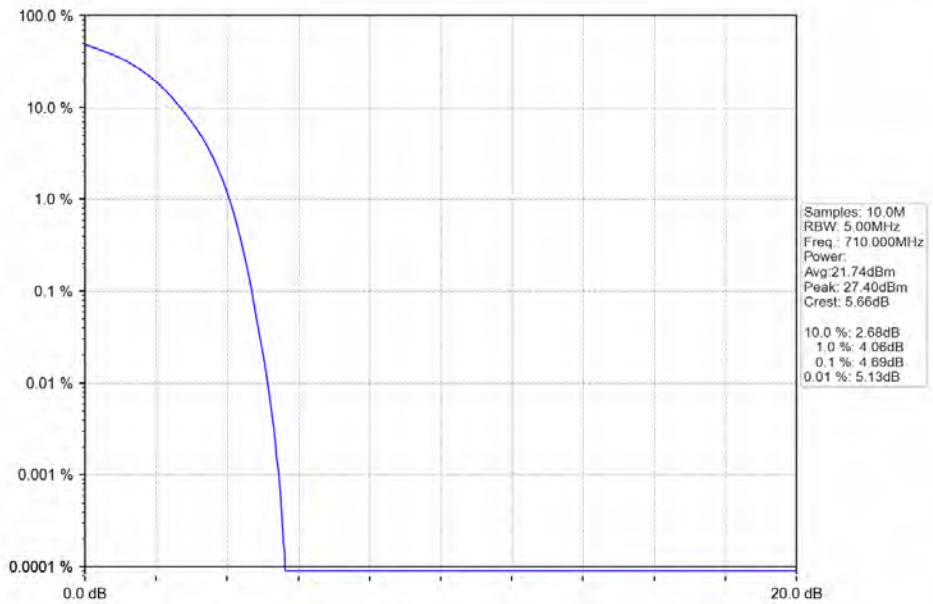
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.67	<=13	Pass
	710	50	0	4.69	<=13	Pass
	711	50	0	4.64	<=13	Pass
16QAM	709	50	0	6.10	<=13	Pass
	710	50	0	6.05	<=13	Pass
	711	50	0	6.09	<=13	Pass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

TEST GRAPH

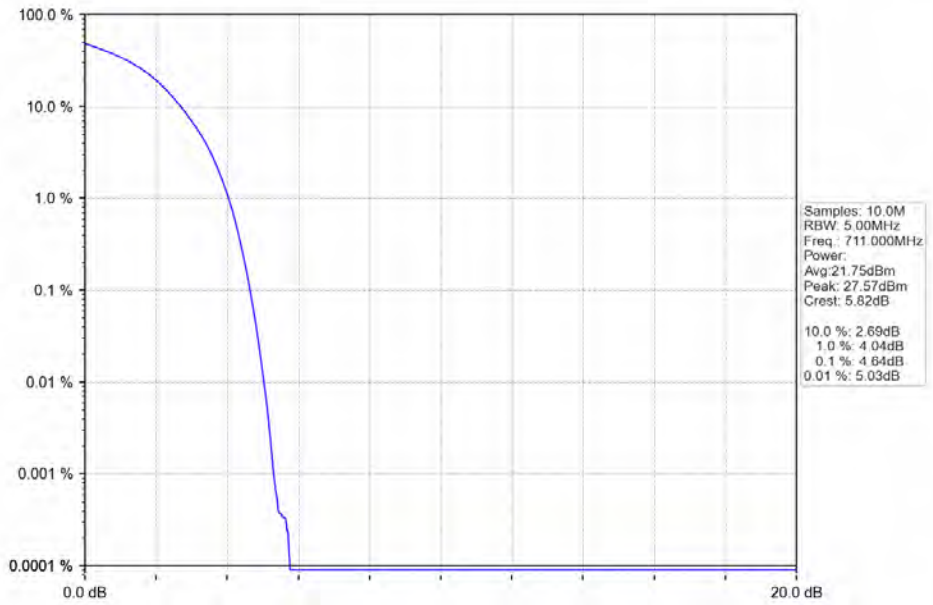
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



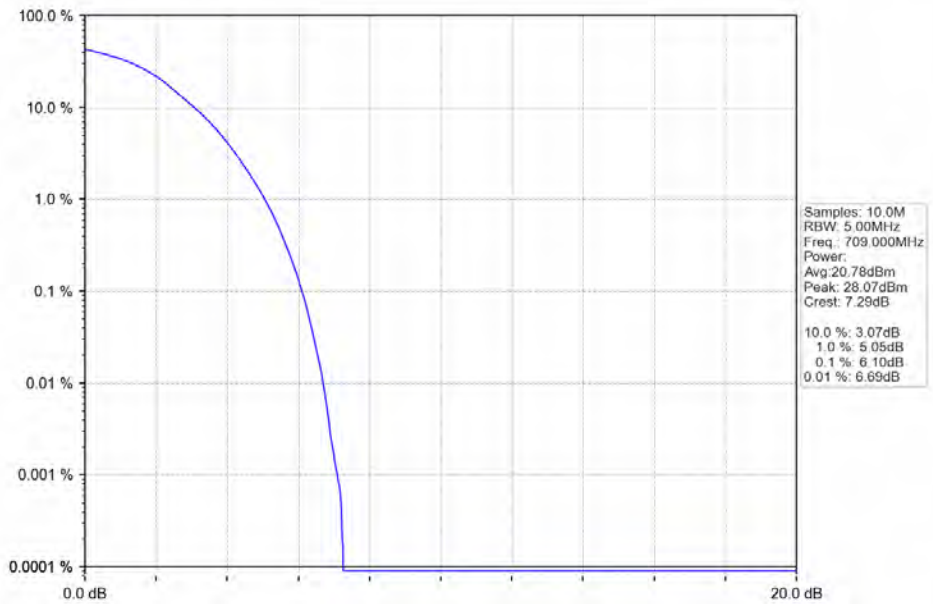
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



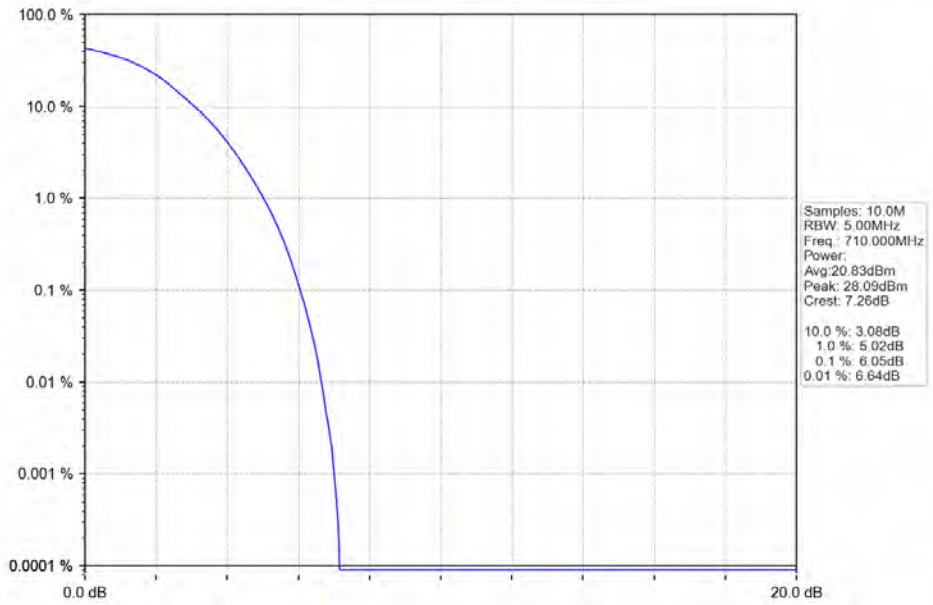
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



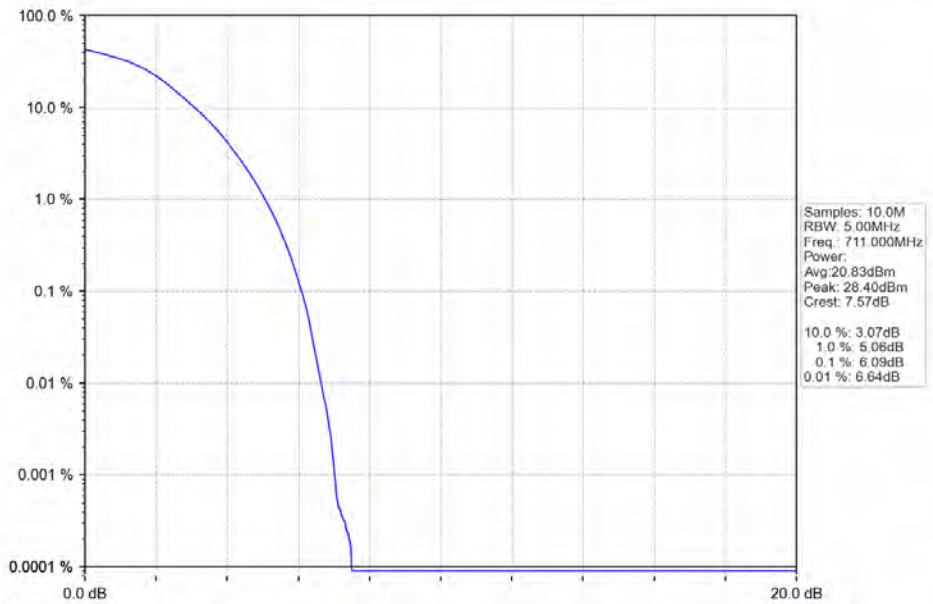
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



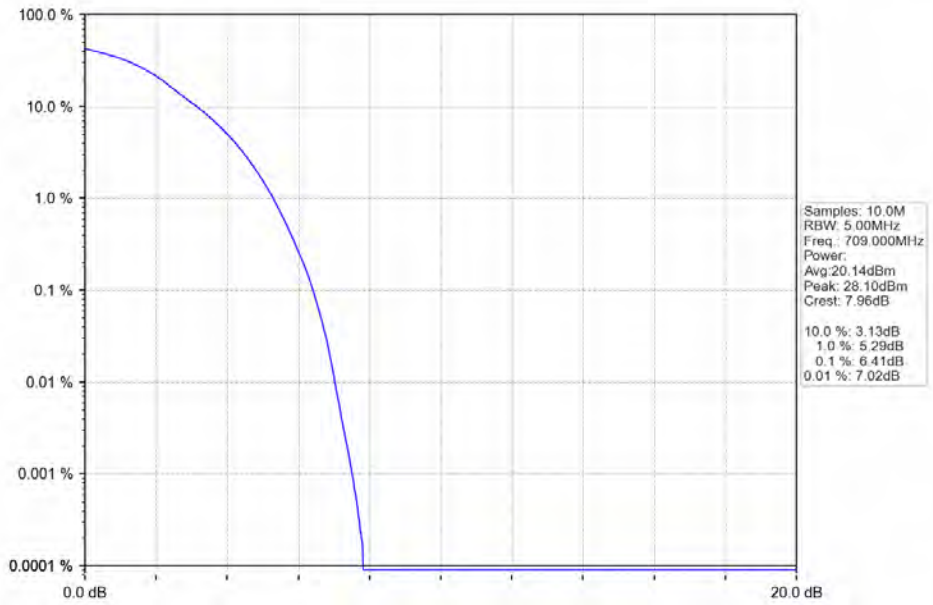
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



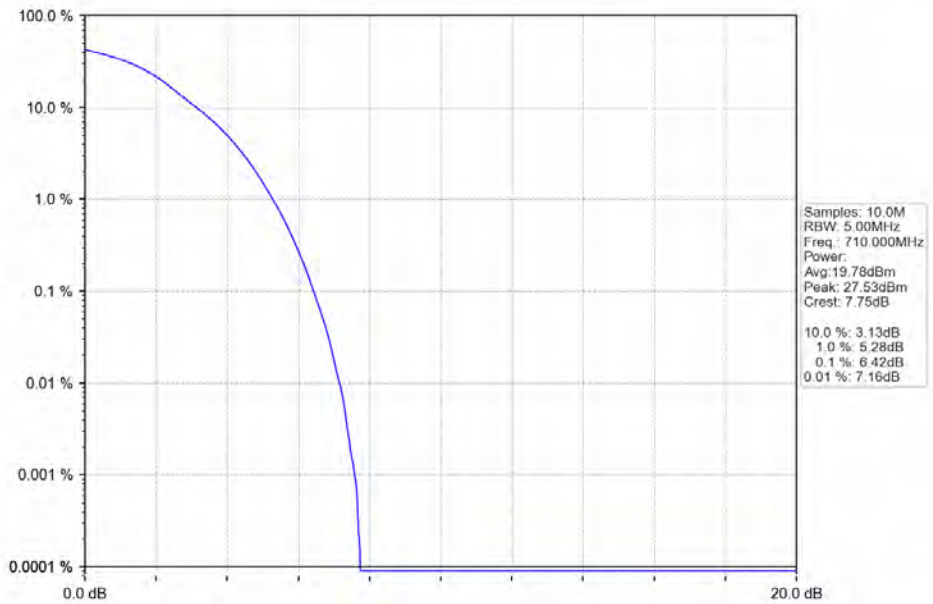
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



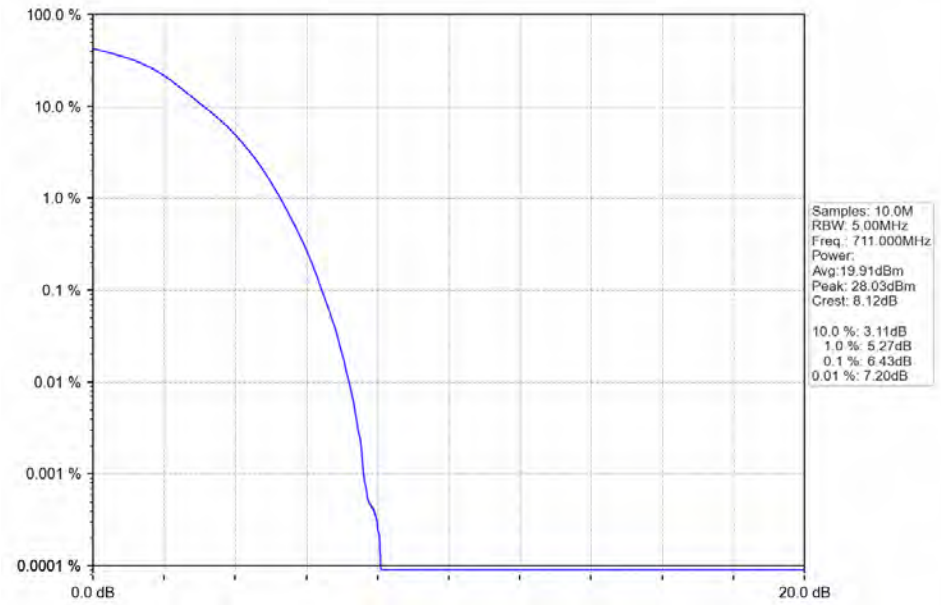
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

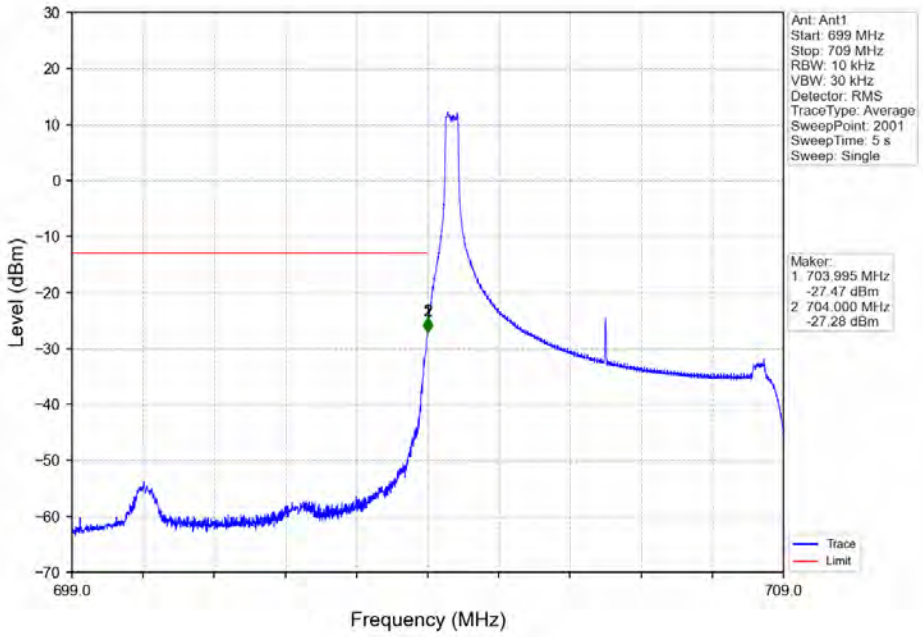


SPURIOUS EMISSION B17_5MHZ TEST RESULT

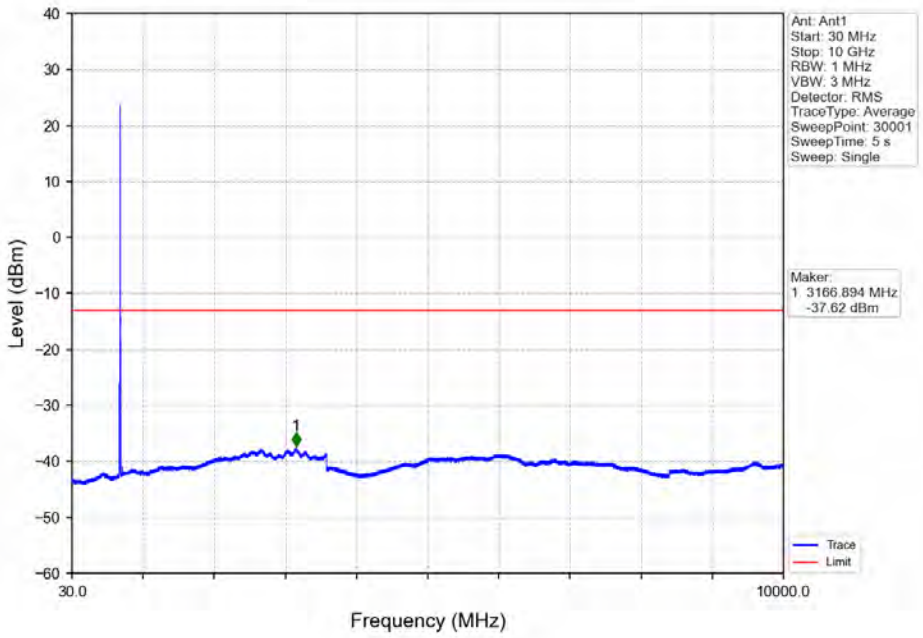
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

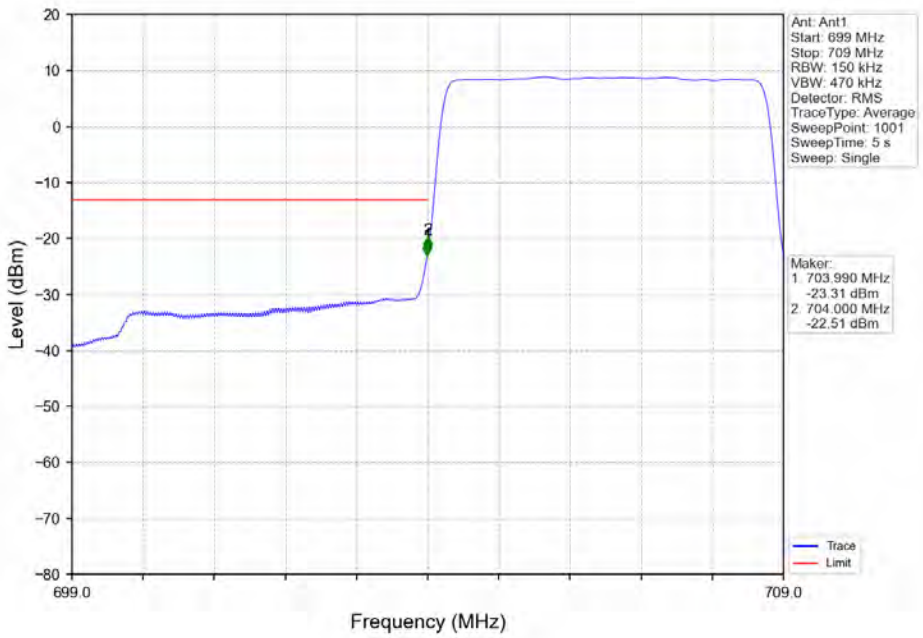
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



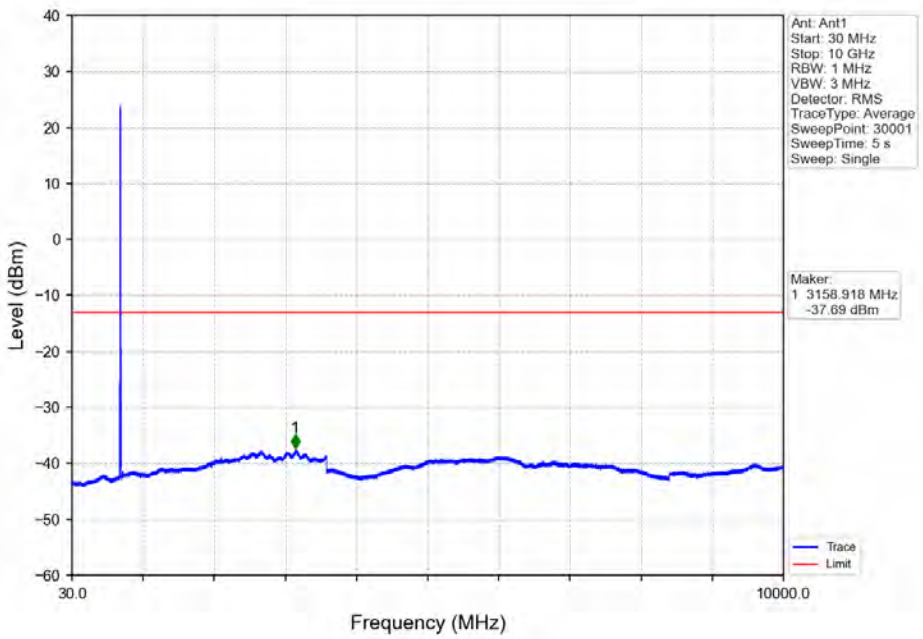
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



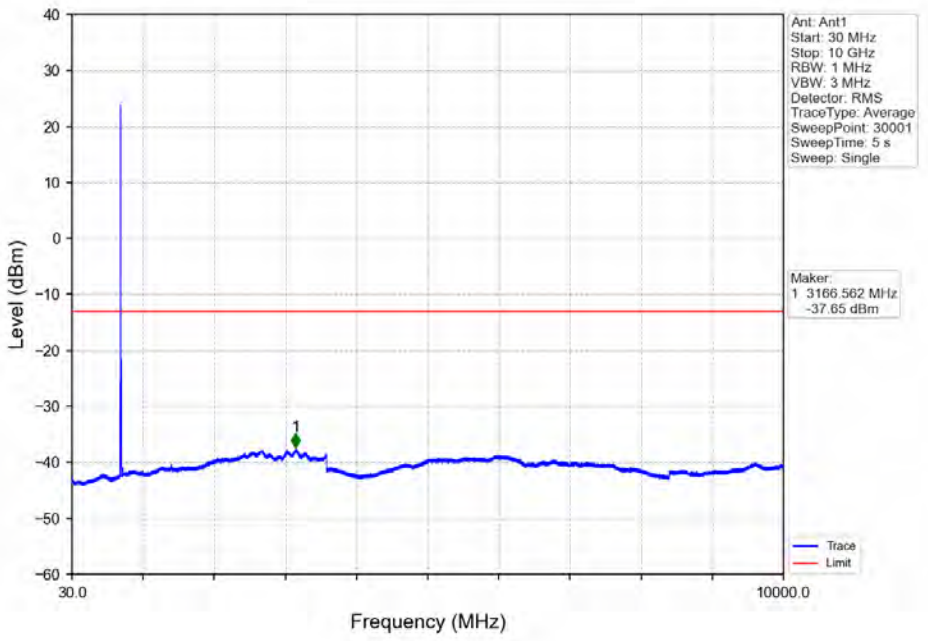
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



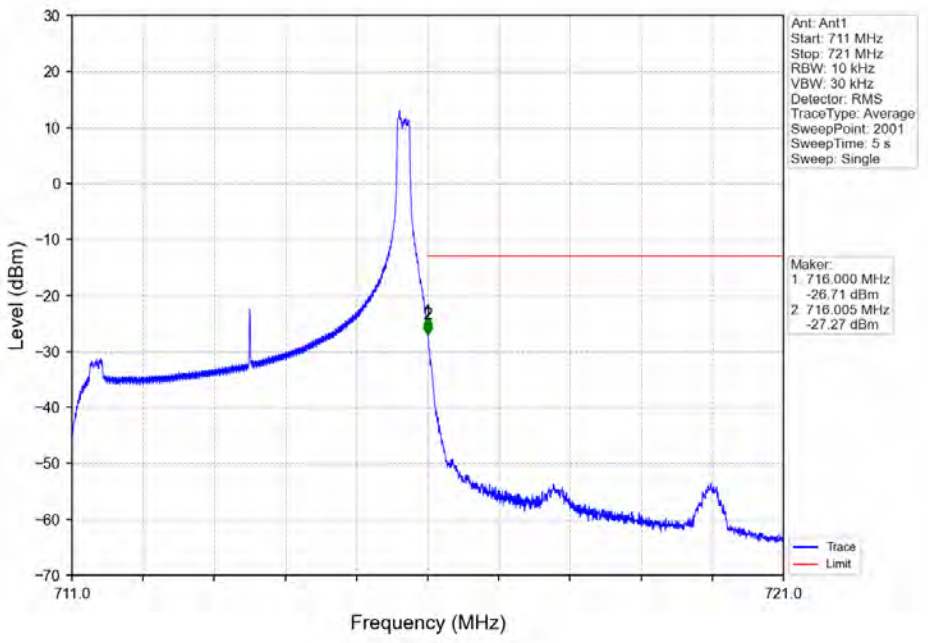
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



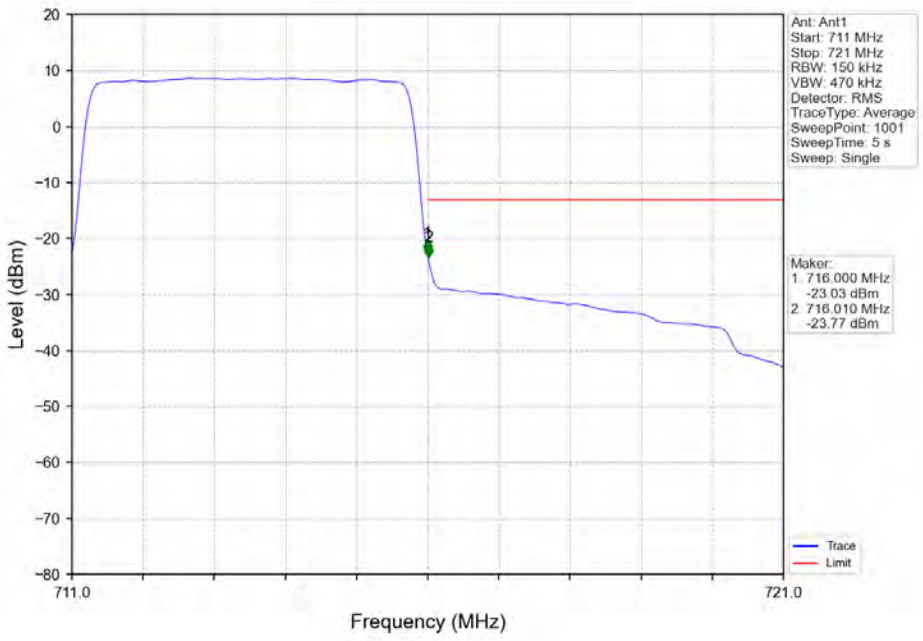
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



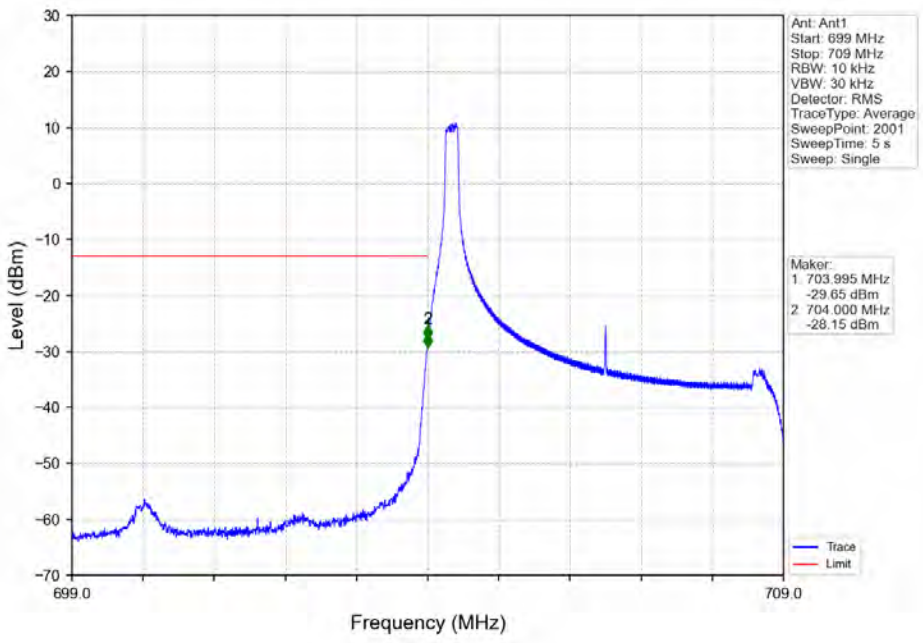
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



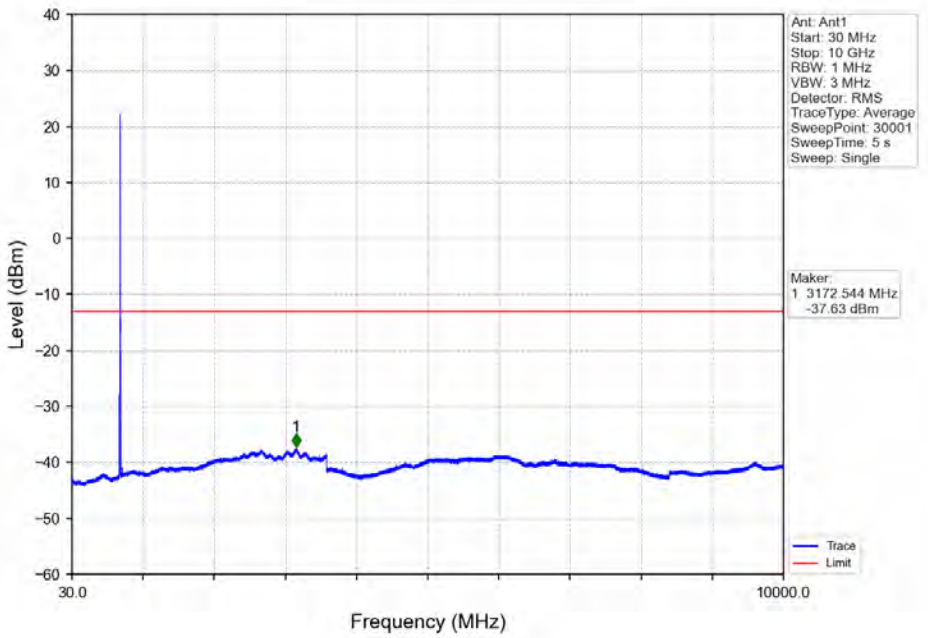
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



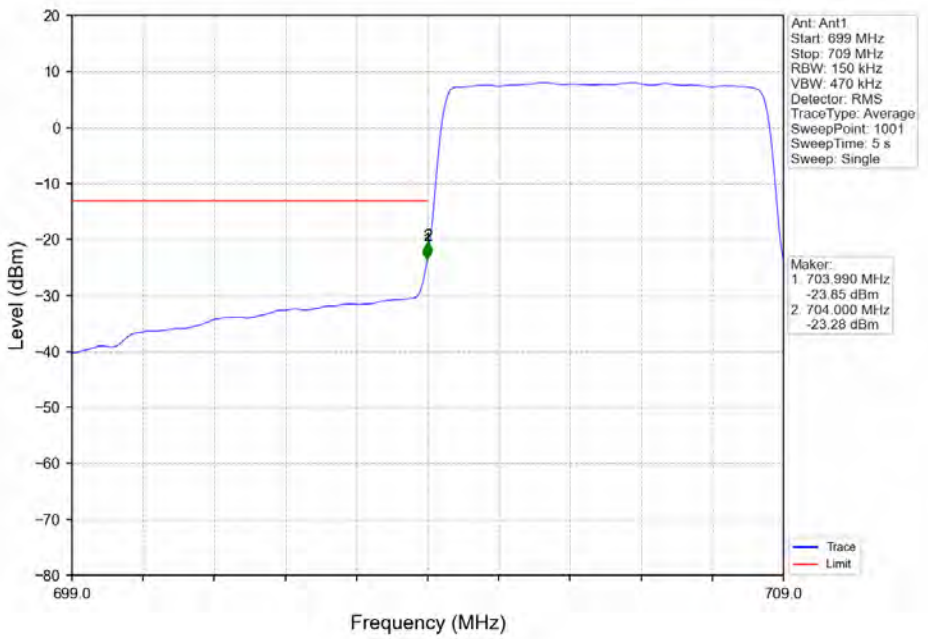
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



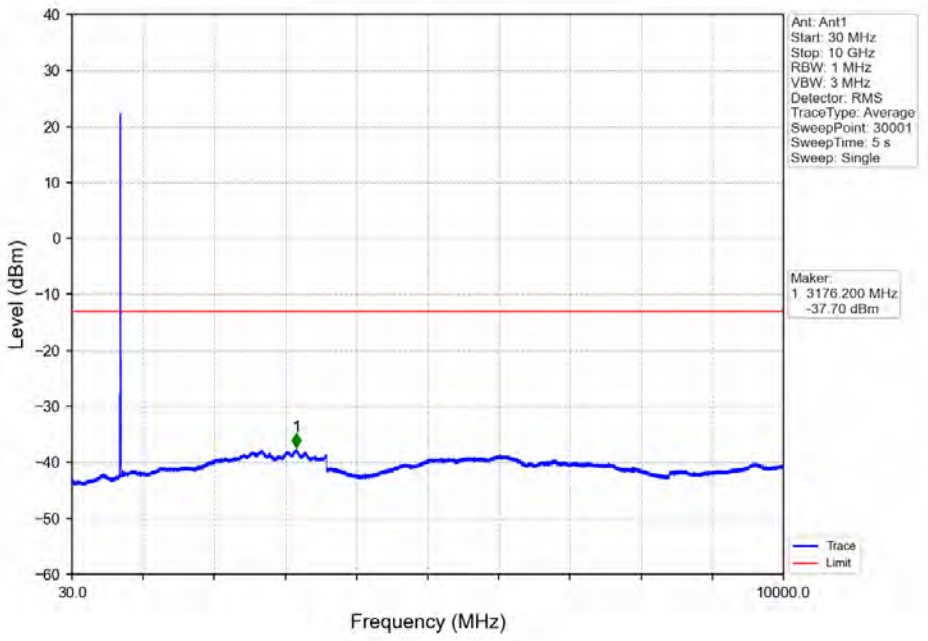
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



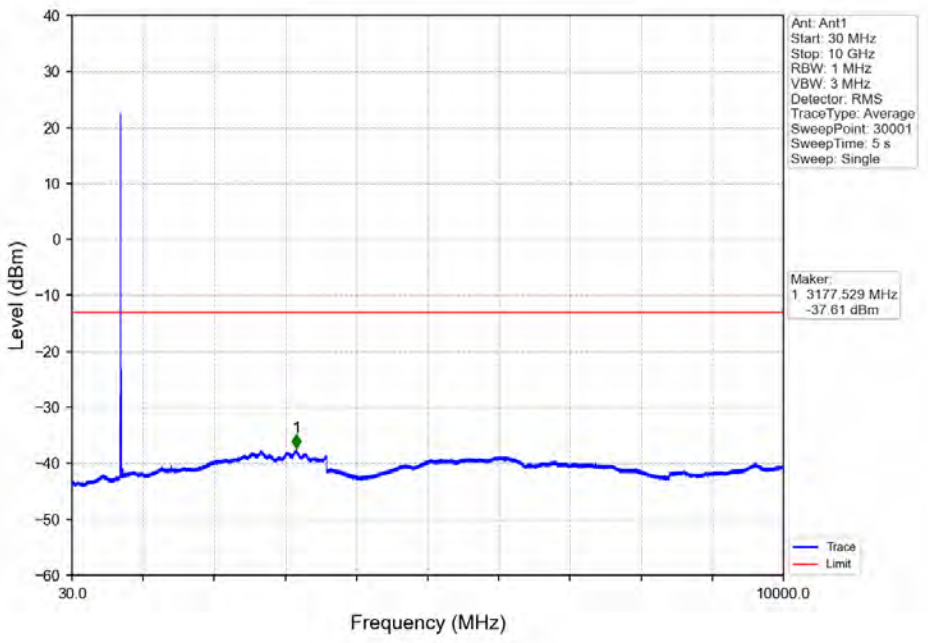
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



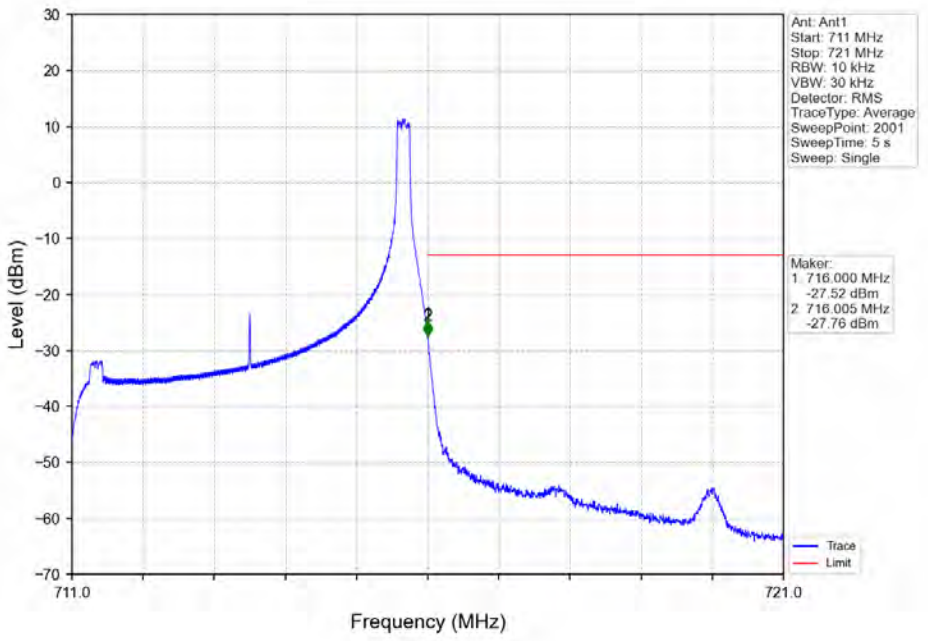
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



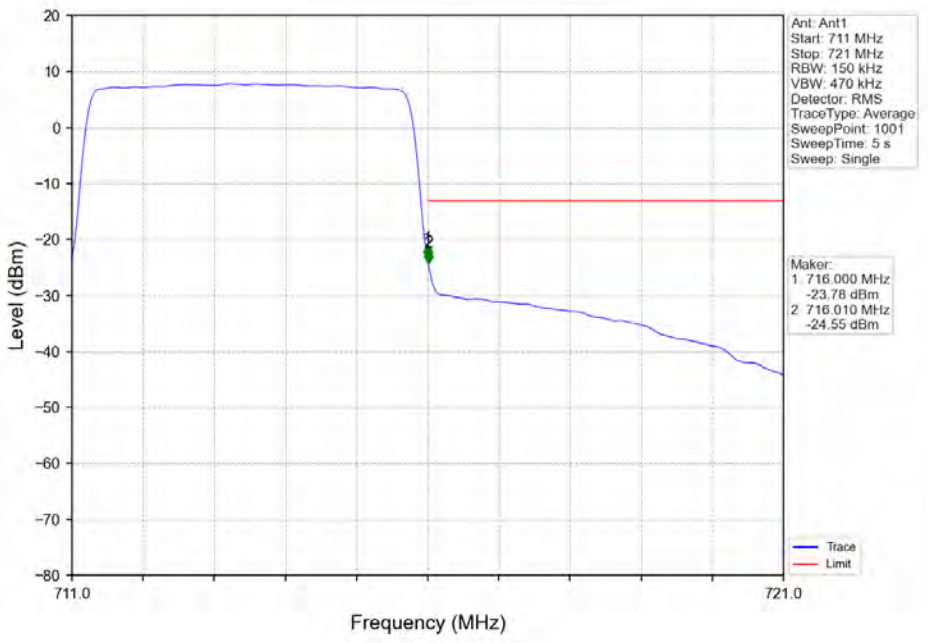
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



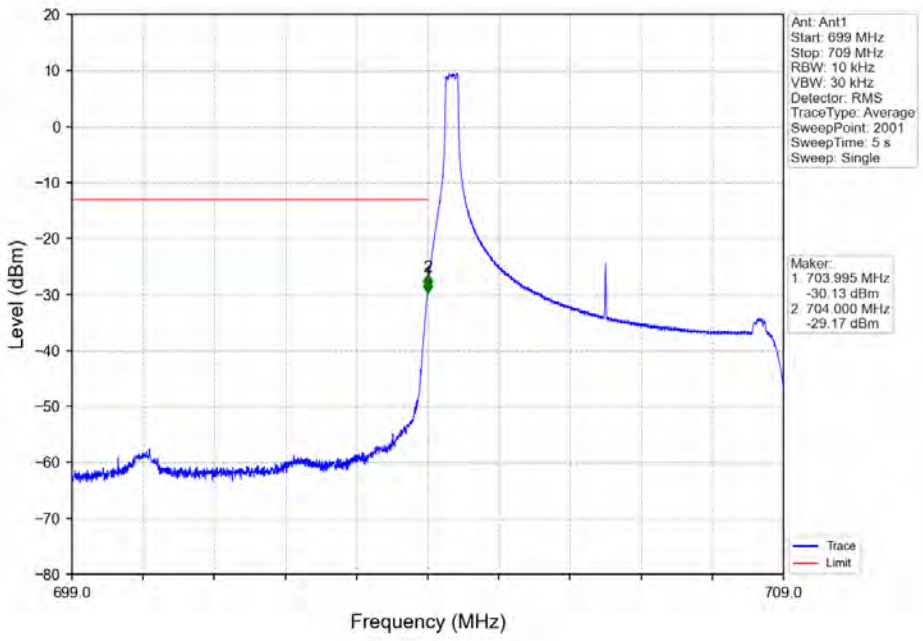
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



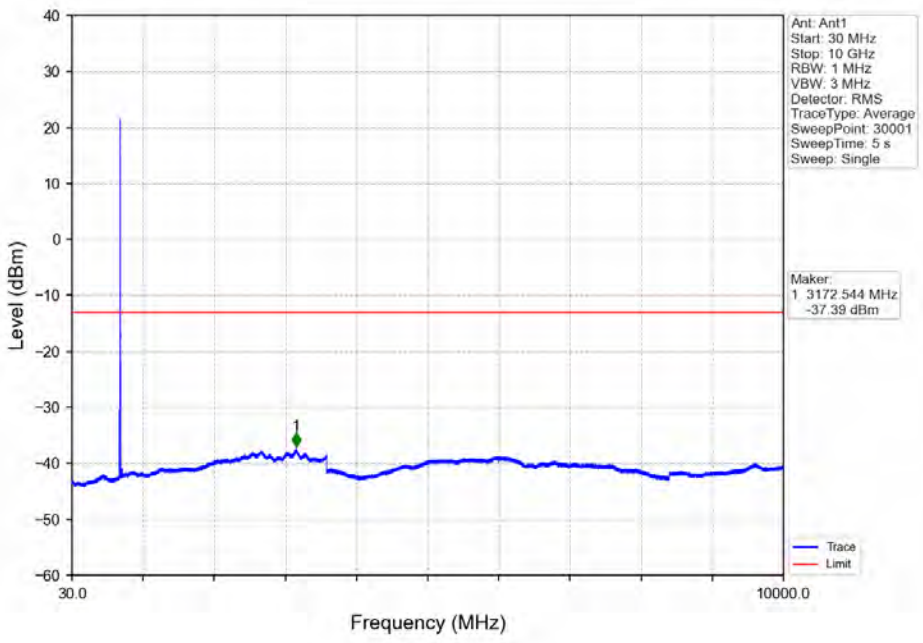
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



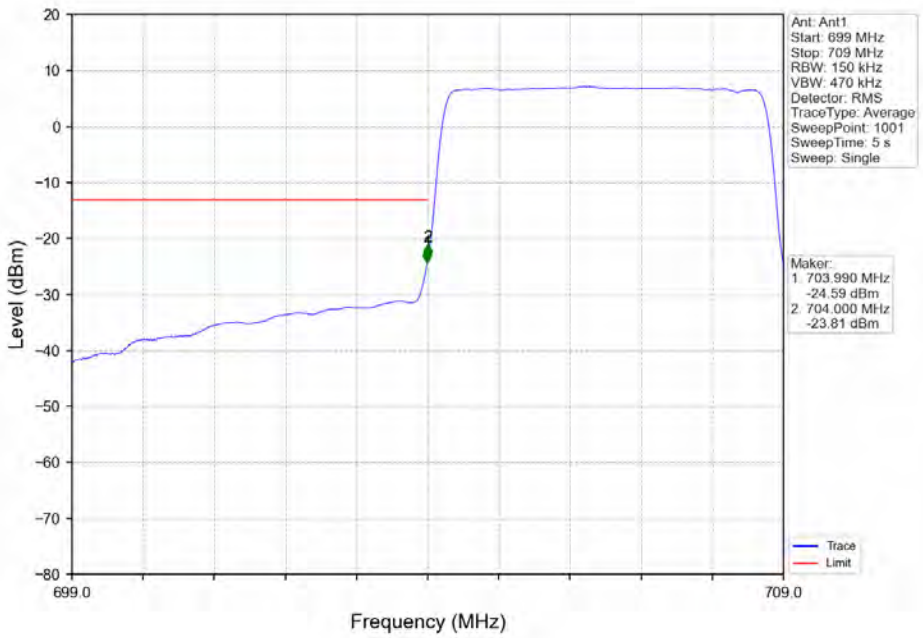
Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV



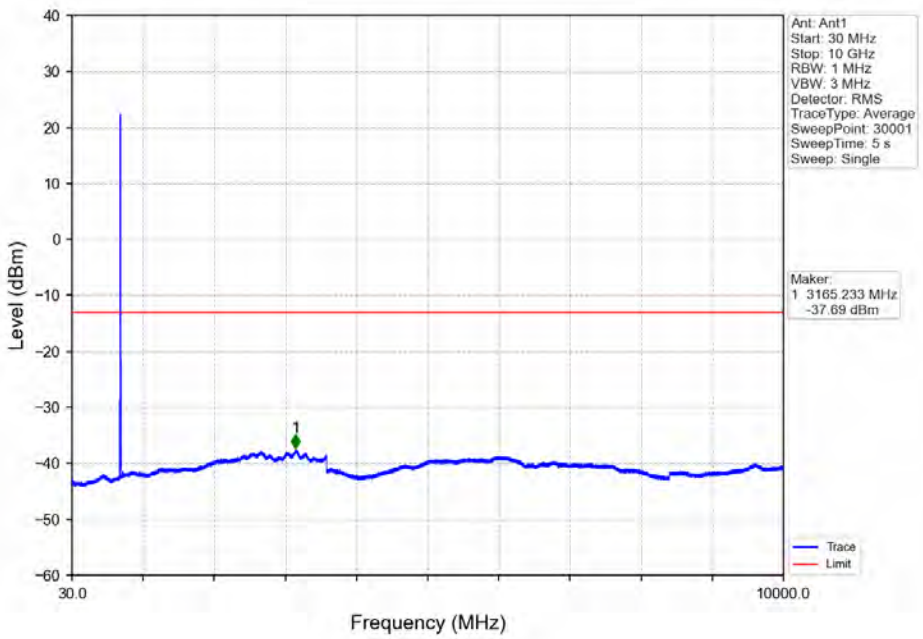
Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV



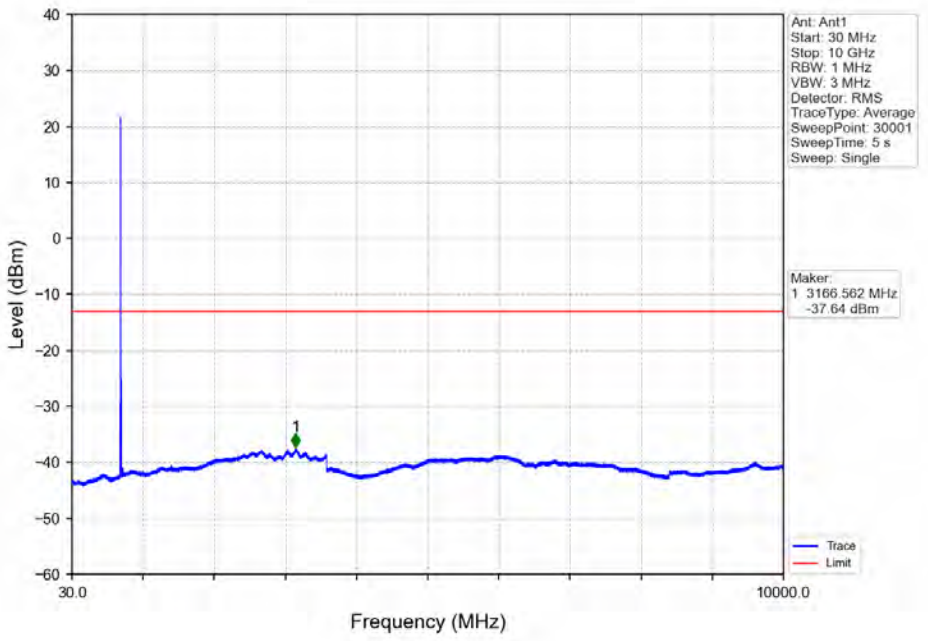
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



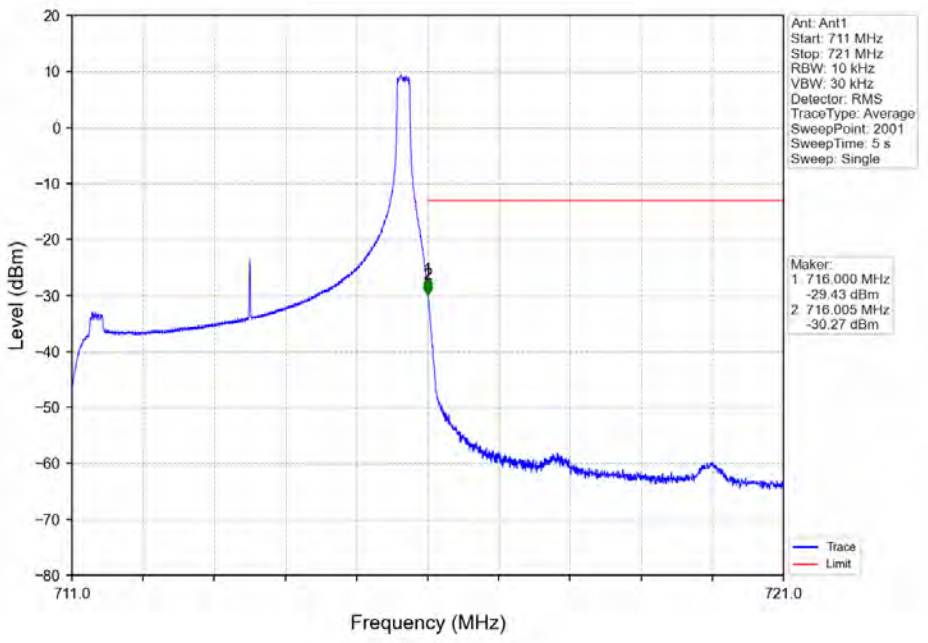
Band17_5MHz_64QAM_MCH_710MHz_RB_1_0_NTNV



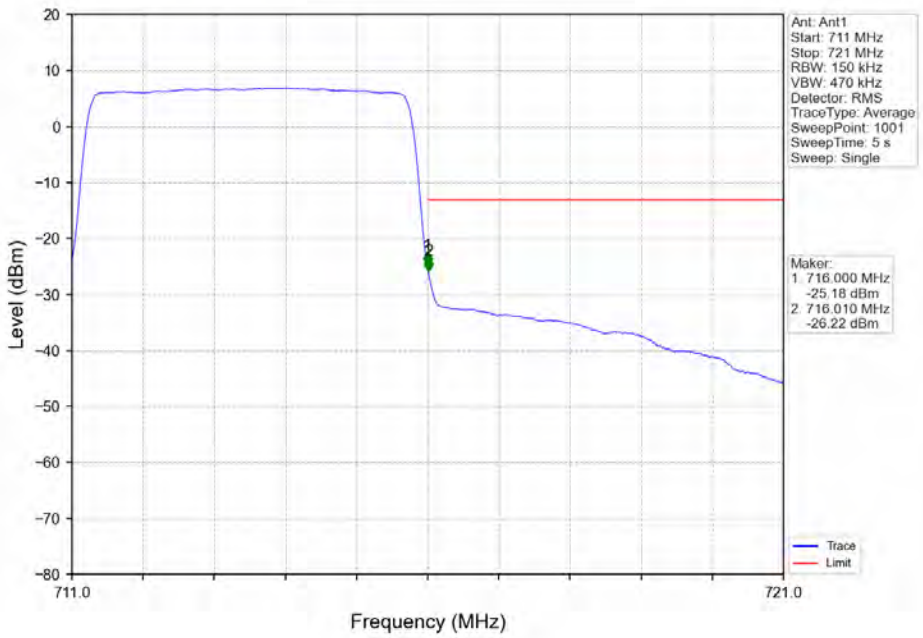
Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV



Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV

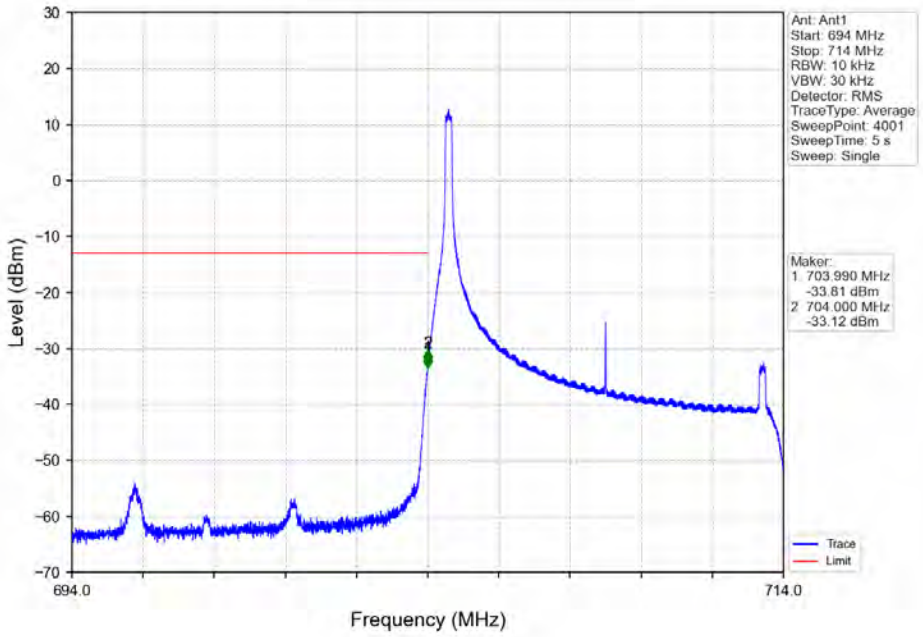


B17_10MHZ TEST RESULT

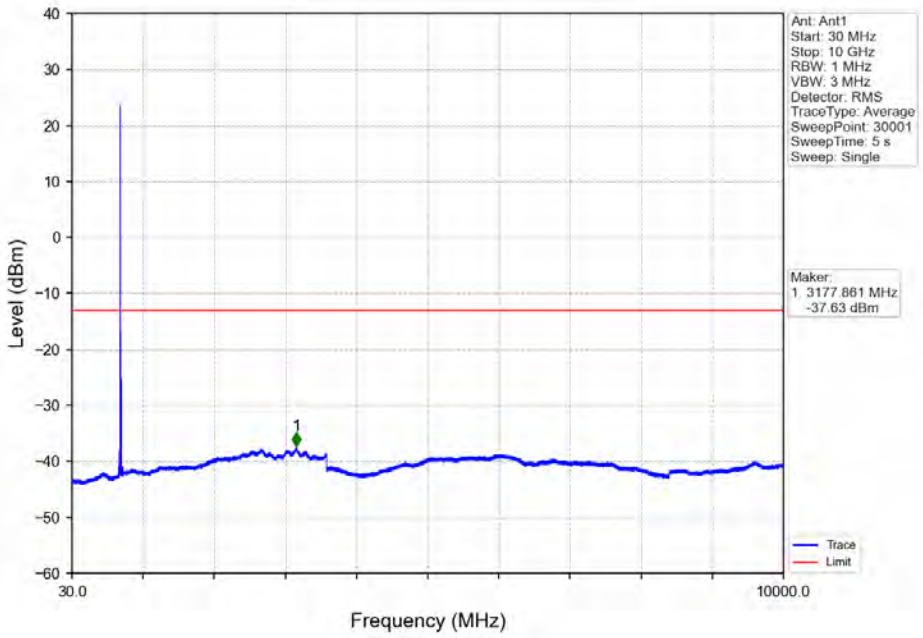
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

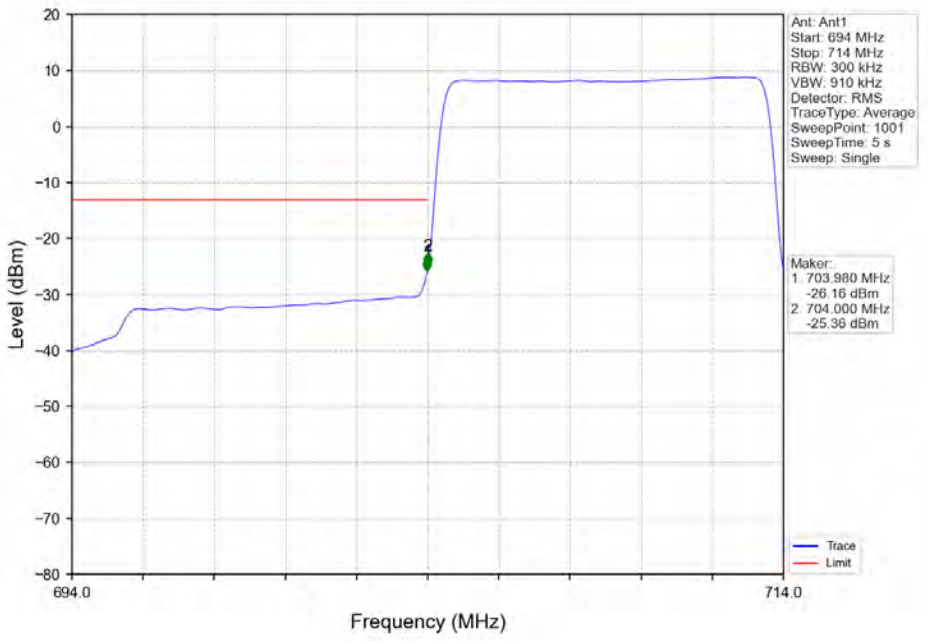
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



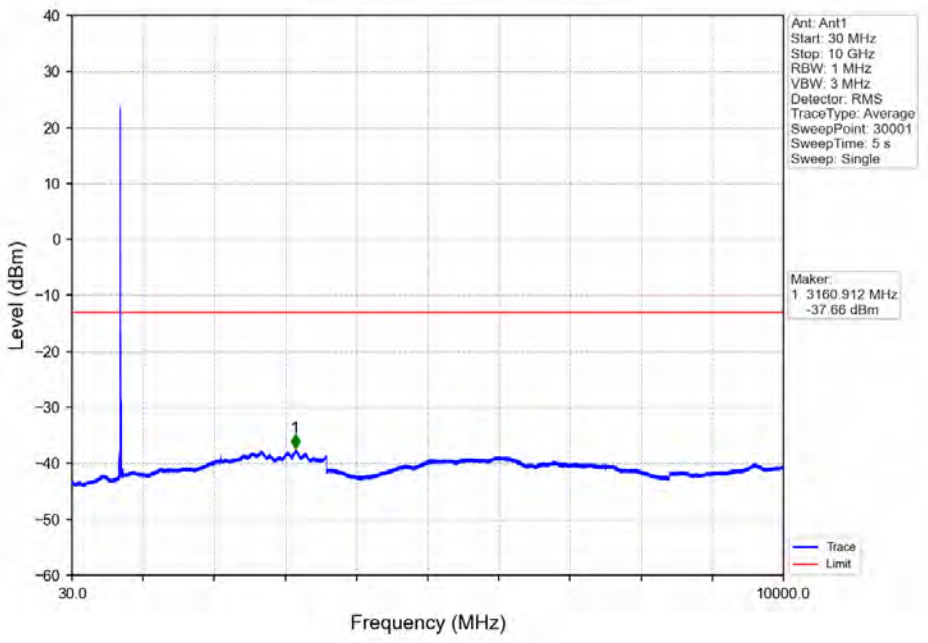
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



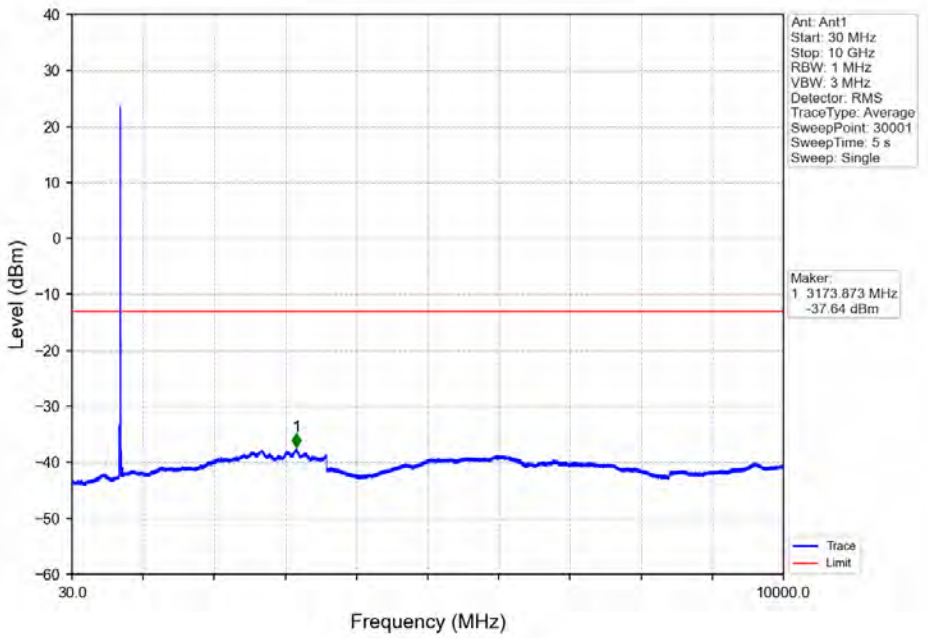
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



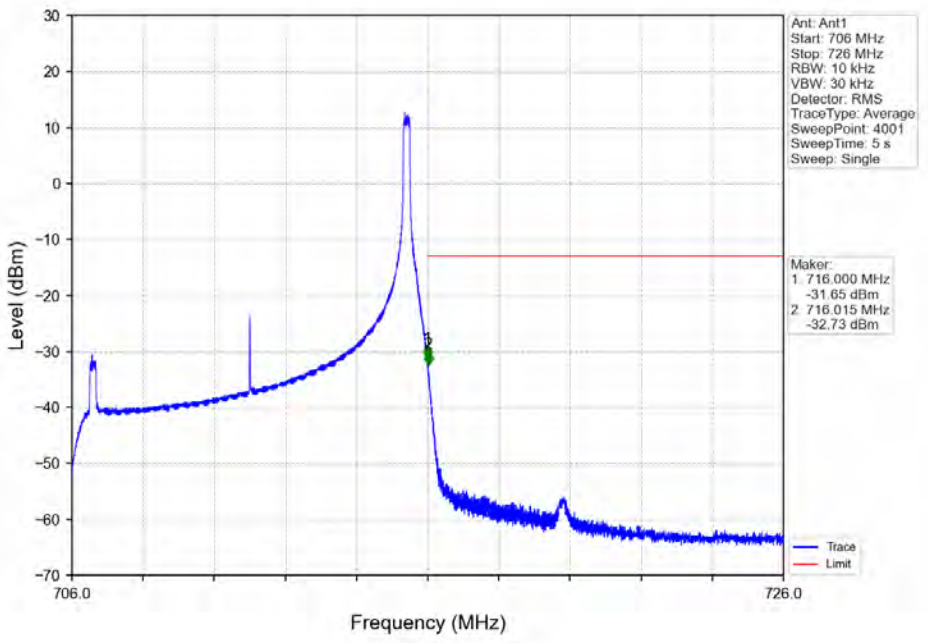
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



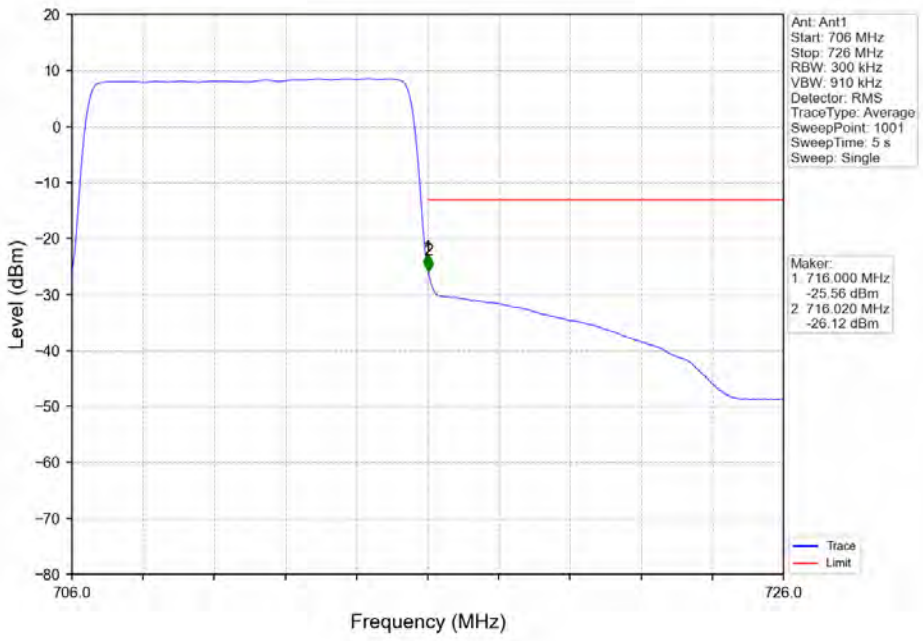
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



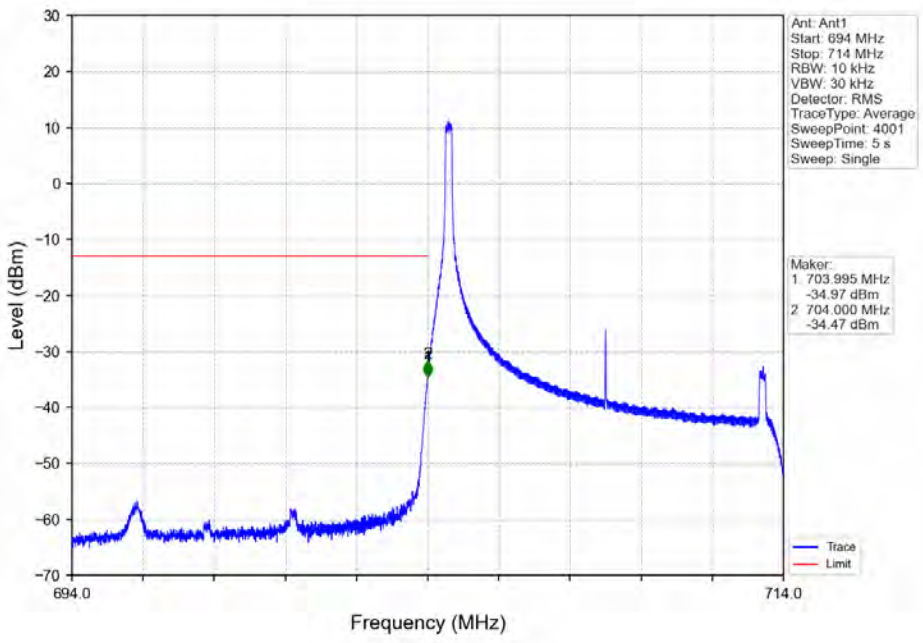
Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



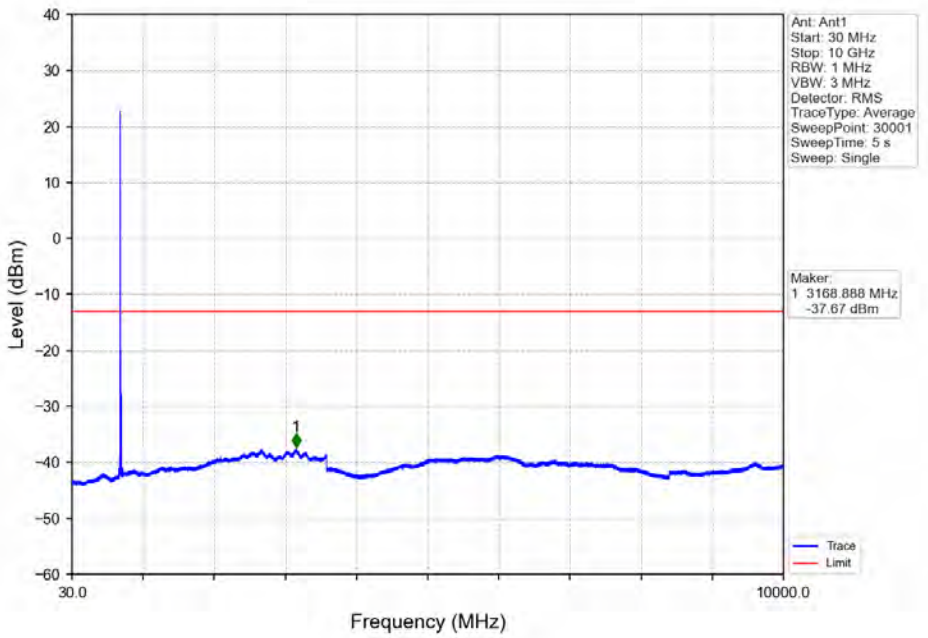
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



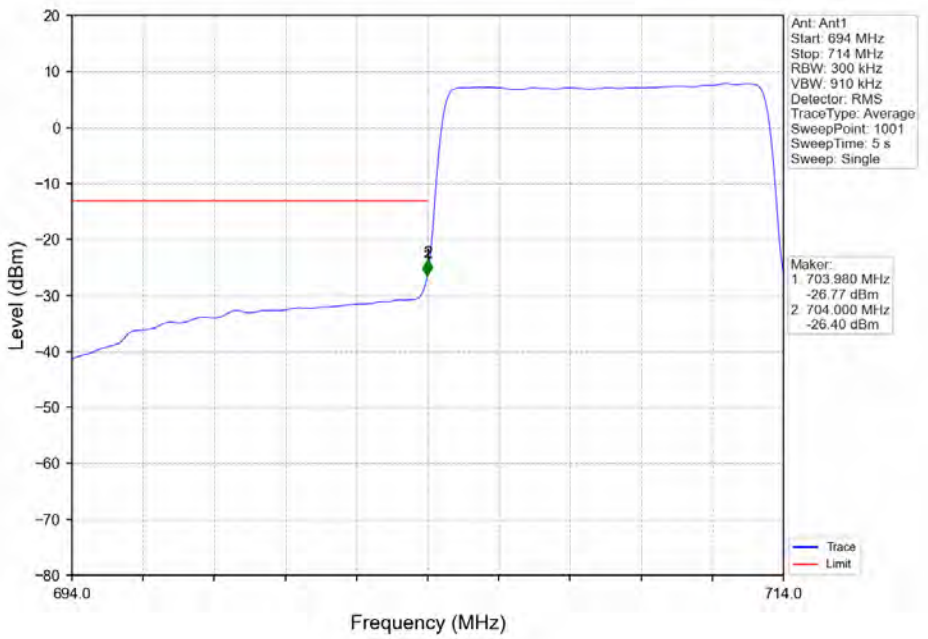
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



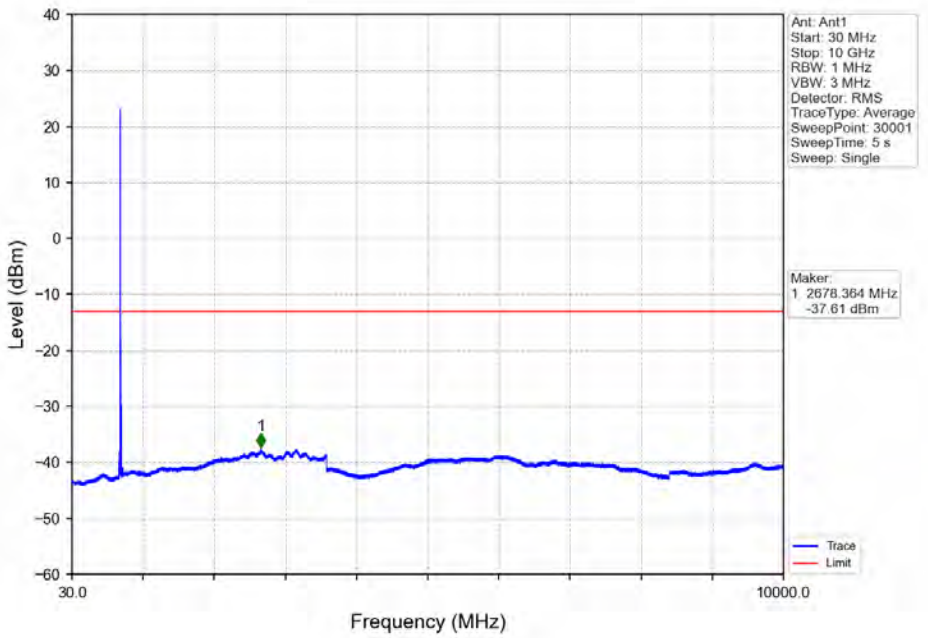
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



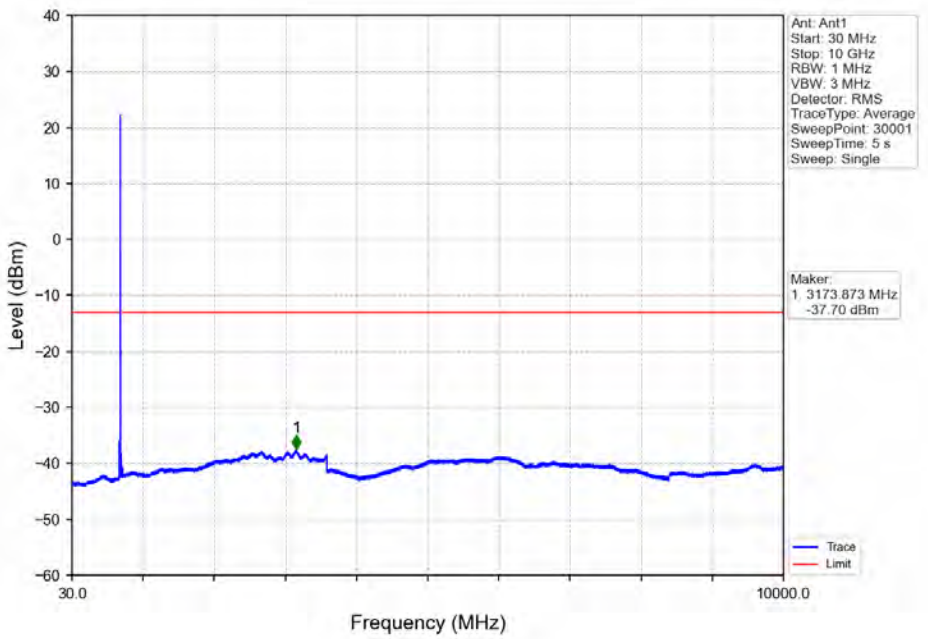
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



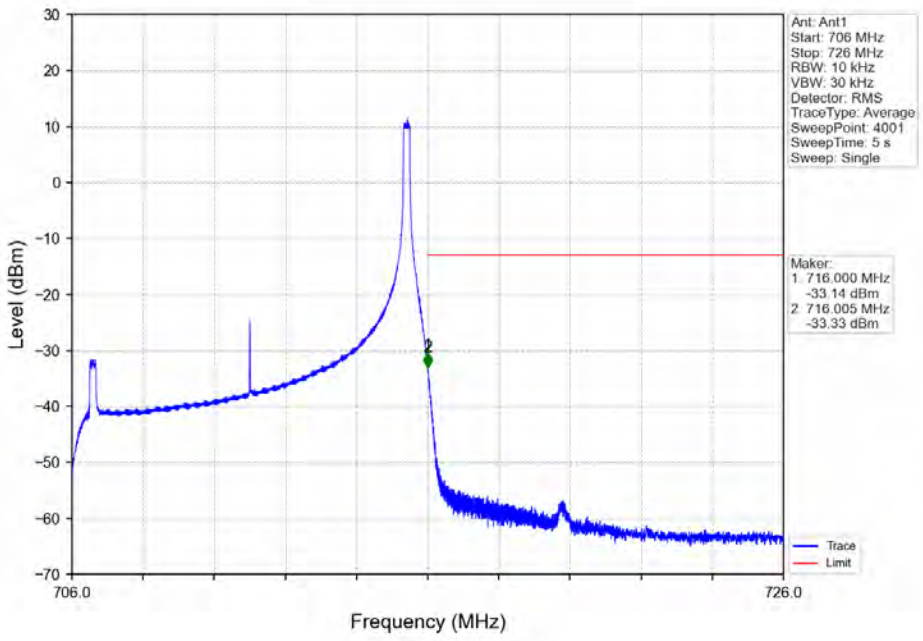
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



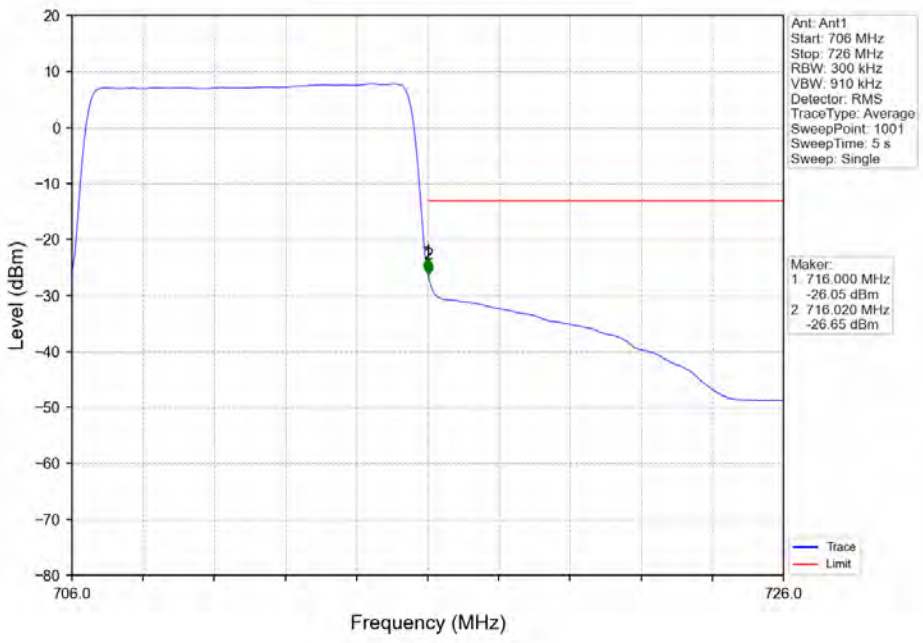
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



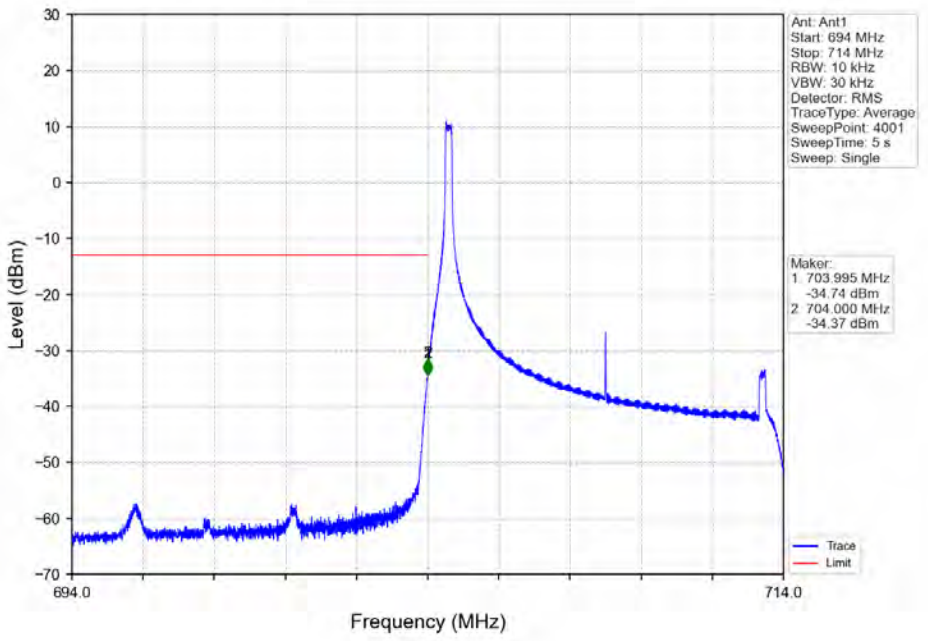
Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



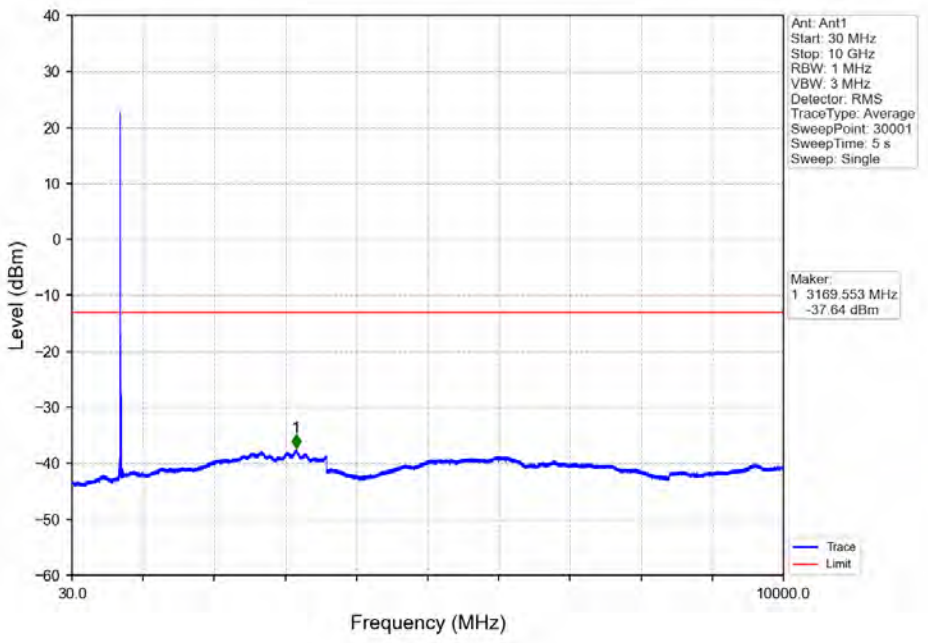
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



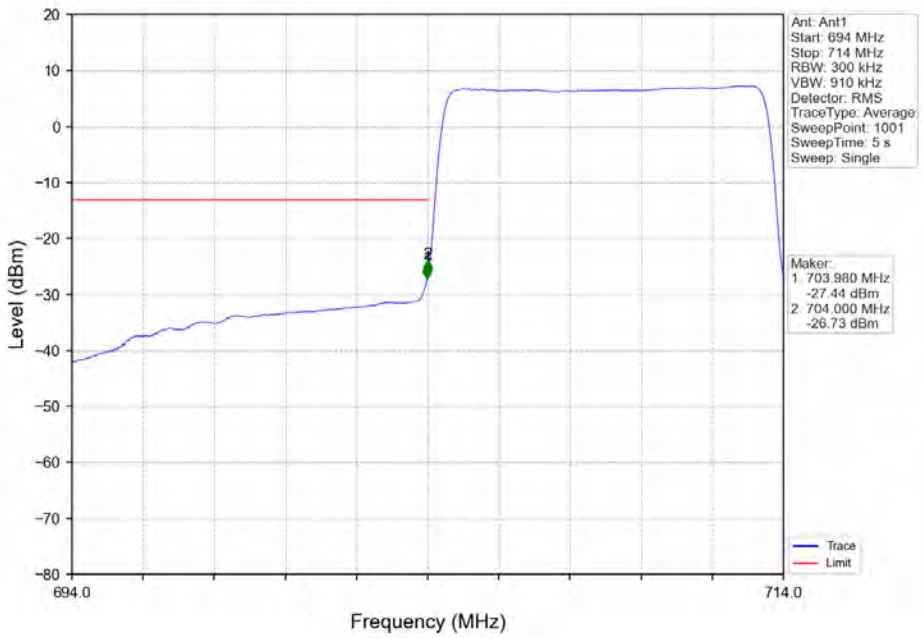
Band17_10MHz_64QAM_LCH_709MHz_RB_1_0_NTNV



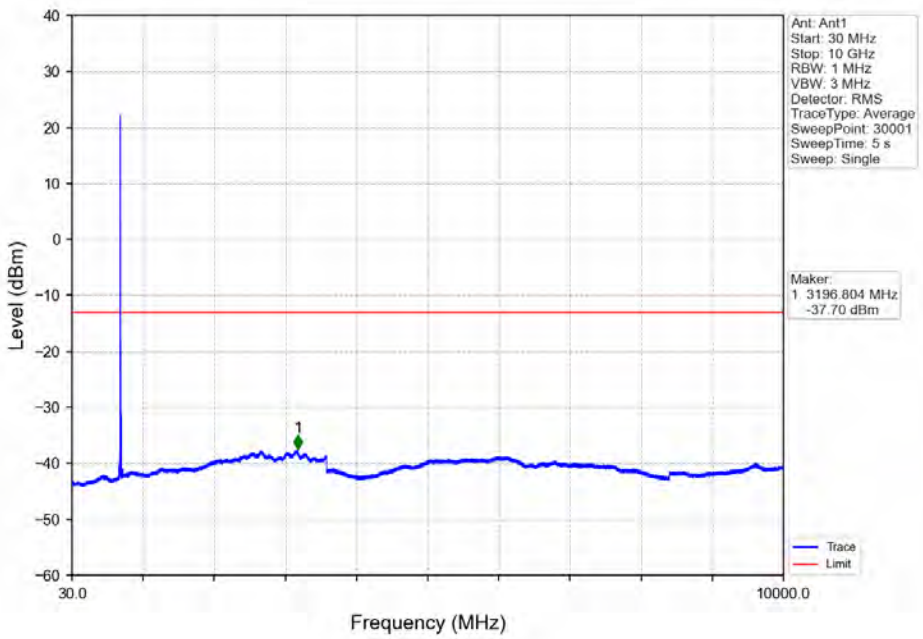
Band17_10MHz_64QAM_LCH_709MHz_RB_1_0_NTNV



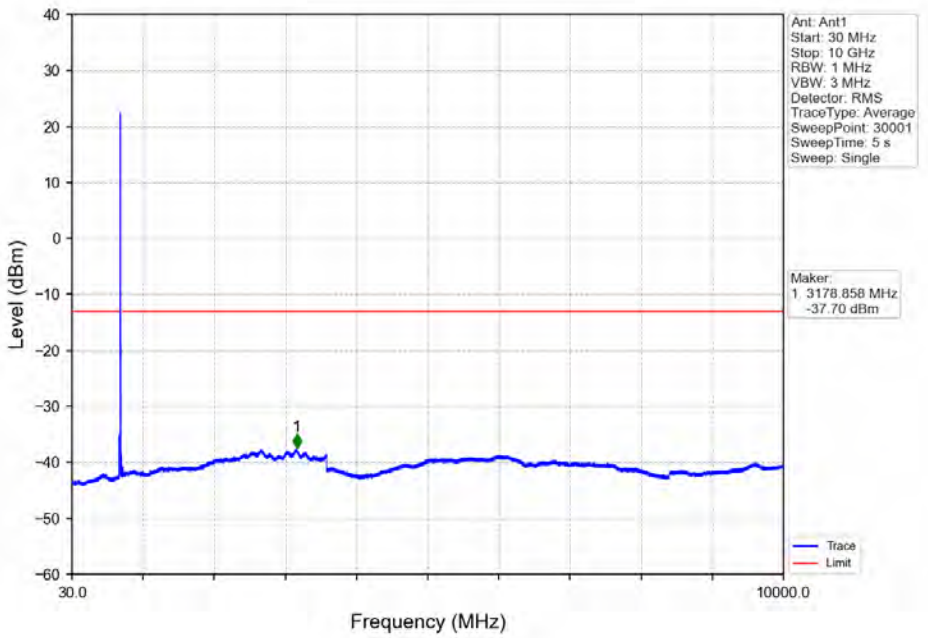
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



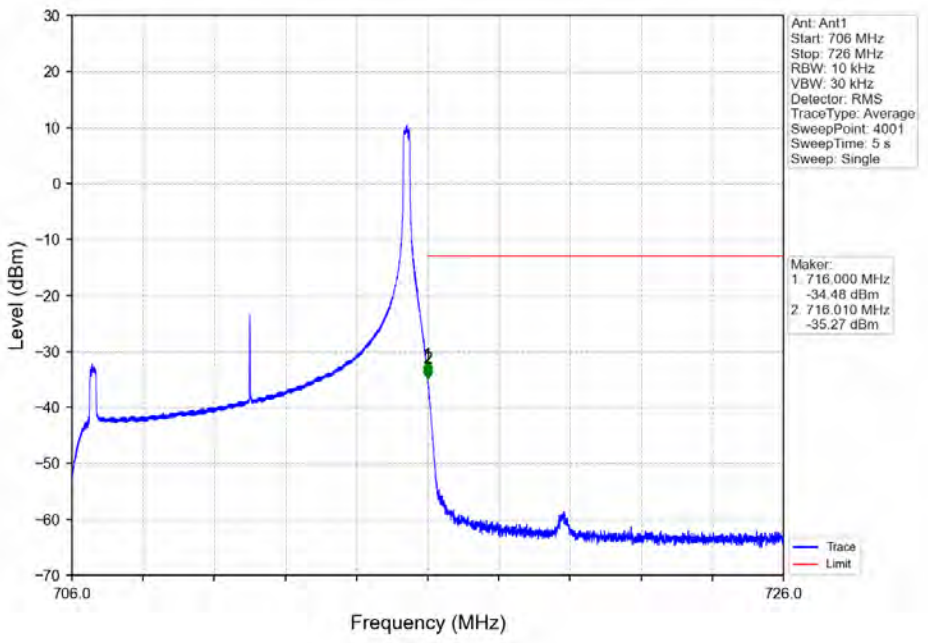
Band17_10MHz_64QAM_MCH_710MHz_RB_1_0_NTNV



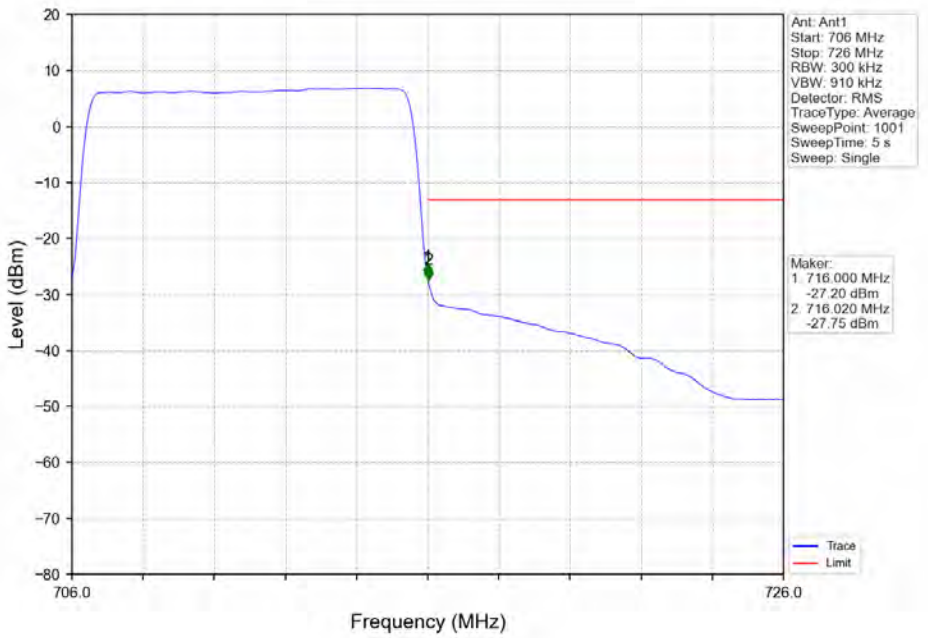
Band17_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_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
				50	3.85	-32.30	-0.02	-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

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

					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
64QAM	1711.5	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
	1745	15	0	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

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
				50	3.85	-32.37	-0.02	-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

					4.43	-13.72	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-28.11	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-32.47	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-19.91	-0.01	-2.5 to 2.5	Pass
				0	3.85	-28.51	-0.02	-2.5 to 2.5	Pass
				10	3.85	-6.67	-0.00	-2.5 to 2.5	Pass
				30	3.85	-19.25	-0.01	-2.5 to 2.5	Pass
				40	3.85	-27.61	-0.02	-2.5 to 2.5	Pass
				50	3.85	-30.46	-0.02	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.27	11.06	0.01	-2.5 to 2.5	Pass
					3.85	14.22	0.01	-2.5 to 2.5	Pass
					4.43	17.09	0.01	-2.5 to 2.5	Pass
				-30	3.85	28.58	0.02	-2.5 to 2.5	Pass
				-20	3.85	35.39	0.02	-2.5 to 2.5	Pass
				-10	3.85	-3.92	-0.00	-2.5 to 2.5	Pass
				0	3.85	2.93	0.00	-2.5 to 2.5	Pass
				10	3.85	12.42	0.01	-2.5 to 2.5	Pass
				30	3.85	17.50	0.01	-2.5 to 2.5	Pass
				40	3.85	21.90	0.01	-2.5 to 2.5	Pass
				50	3.85	25.82	0.02	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	5.36	0.00	-2.5 to 2.5	Pass
					3.85	9.18	0.01	-2.5 to 2.5	Pass
					4.43	15.06	0.01	-2.5 to 2.5	Pass
				-30	3.85	25.11	0.01	-2.5 to 2.5	Pass
				-20	3.85	30.21	0.02	-2.5 to 2.5	Pass
				-10	3.85	40.55	0.02	-2.5 to 2.5	Pass
				0	3.85	2.33	0.00	-2.5 to 2.5	Pass
				10	3.85	11.47	0.01	-2.5 to 2.5	Pass
				30	3.85	19.64	0.01	-2.5 to 2.5	Pass
				40	3.85	25.55	0.01	-2.5 to 2.5	Pass
				50	3.85	30.38	0.02	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-35.12	-0.02	-2.5 to 2.5	Pass
					3.85	-2.30	-0.00	-2.5 to 2.5	Pass
					4.43	-10.23	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-12.70	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-15.69	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-21.49	-0.01	-2.5 to 2.5	Pass
				0	3.85	-28.30	-0.02	-2.5 to 2.5	Pass
				10	3.85	-30.81	-0.02	-2.5 to 2.5	Pass
				30	3.85	-31.94	-0.02	-2.5 to 2.5	Pass
				40	3.85	-33.92	-0.02	-2.5 to 2.5	Pass
				50	3.85	-32.09	-0.02	-2.5 to 2.5	Pass

B66_10MHZ TEST RESULT

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-4.16	-0.00	-2.5 to 2.5	Pass
					3.85	10.71	0.01	-2.5 to 2.5	Pass
					4.43	26.18	0.02	-2.5 to 2.5	Pass
				-30	3.85	36.25	0.02	-2.5 to 2.5	Pass
				-20	3.85	17.22	0.01	-2.5 to 2.5	Pass
				-10	3.85	29.63	0.02	-2.5 to 2.5	Pass
				0	3.85	14.68	0.01	-2.5 to 2.5	Pass
				10	3.85	-11.87	-0.01	-2.5 to 2.5	Pass
				30	3.85	-11.93	-0.01	-2.5 to 2.5	Pass
				40	3.85	-13.00	-0.01	-2.5 to 2.5	Pass
				50	3.85	-17.15	-0.01	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	10.56	0.01	-2.5 to 2.5	Pass
					3.85	12.50	0.01	-2.5 to 2.5	Pass
					4.43	14.11	0.01	-2.5 to 2.5	Pass
				-30	3.85	13.50	0.01	-2.5 to 2.5	Pass
				-20	3.85	5.68	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.02	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.41	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.54	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.54	-0.00	-2.5 to 2.5	Pass
				50	3.85	-9.81	-0.01	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-9.11	-0.01	-2.5 to 2.5	Pass
					3.85	-19.07	-0.01	-2.5 to 2.5	Pass
					4.43	-14.56	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-29.77	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-31.17	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-27.38	-0.02	-2.5 to 2.5	Pass
				0	3.85	-22.32	-0.01	-2.5 to 2.5	Pass
				10	3.85	-20.99	-0.01	-2.5 to 2.5	Pass
				30	3.85	-24.33	-0.01	-2.5 to 2.5	Pass
				40	3.85	-27.65	-0.02	-2.5 to 2.5	Pass
				50	3.85	-7.24	-0.00	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-17.91	-0.01	-2.5 to 2.5	Pass
					3.85	-13.65	-0.01	-2.5 to 2.5	Pass
					4.43	-12.33	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-5.71	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.61	-0.00	-2.5 to 2.5	Pass
				-10	3.85	2.40	0.00	-2.5 to 2.5	Pass
				0	3.85	14.71	0.01	-2.5 to 2.5	Pass
				10	3.85	20.26	0.01	-2.5 to 2.5	Pass
				30	3.85	27.29	0.02	-2.5 to 2.5	Pass
				40	3.85	32.34	0.02	-2.5 to 2.5	Pass
				50	3.85	4.98	0.00	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-8.84	-0.01	-2.5 to 2.5	Pass
					3.85	-8.81	-0.01	-2.5 to 2.5	Pass
					4.43	-10.81	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-9.86	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-6.11	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.76	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.46	0.00	-2.5 to 2.5	Pass
				10	3.85	4.96	0.00	-2.5 to 2.5	Pass
				30	3.85	9.83	0.01	-2.5 to 2.5	Pass
				40	3.85	16.44	0.01	-2.5 to 2.5	Pass
				50	3.85	15.66	0.01	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-20.57	-0.01	-2.5 to 2.5	Pass
					3.85	-24.26	-0.01	-2.5 to 2.5	Pass

					4.43	-4.38	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-15.29	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-30.25	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-38.45	-0.02	-2.5 to 2.5	Pass
				0	3.85	-10.64	-0.01	-2.5 to 2.5	Pass
				10	3.85	-21.86	-0.01	-2.5 to 2.5	Pass
				30	3.85	-32.46	-0.02	-2.5 to 2.5	Pass
				40	3.85	-37.44	-0.02	-2.5 to 2.5	Pass
				50	3.85	-17.20	-0.01	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.27	22.63	0.01	-2.5 to 2.5	Pass
					3.85	32.87	0.02	-2.5 to 2.5	Pass
					4.43	15.16	0.01	-2.5 to 2.5	Pass
				-30	3.85	32.19	0.02	-2.5 to 2.5	Pass
				-20	3.85	7.78	0.00	-2.5 to 2.5	Pass
				-10	3.85	22.92	0.01	-2.5 to 2.5	Pass
				0	3.85	33.92	0.02	-2.5 to 2.5	Pass
				10	3.85	8.84	0.01	-2.5 to 2.5	Pass
				30	3.85	13.78	0.01	-2.5 to 2.5	Pass
				40	3.85	21.40	0.01	-2.5 to 2.5	Pass
				50	3.85	21.71	0.01	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	20.41	0.01	-2.5 to 2.5	Pass
					3.85	26.21	0.01	-2.5 to 2.5	Pass
					4.43	1.17	0.00	-2.5 to 2.5	Pass
				-30	3.85	-9.08	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-0.93	-0.00	-2.5 to 2.5	Pass
				-10	3.85	10.61	0.01	-2.5 to 2.5	Pass
				0	3.85	25.31	0.01	-2.5 to 2.5	Pass
				10	3.85	20.20	0.01	-2.5 to 2.5	Pass
				30	3.85	10.96	0.01	-2.5 to 2.5	Pass
				40	3.85	25.96	0.01	-2.5 to 2.5	Pass
				50	3.85	2.80	0.00	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-21.61	-0.01	-2.5 to 2.5	Pass
					3.85	-22.20	-0.01	-2.5 to 2.5	Pass
					4.43	-26.49	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-24.93	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-30.44	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-27.67	-0.02	-2.5 to 2.5	Pass
				0	3.85	-26.24	-0.01	-2.5 to 2.5	Pass
				10	3.85	-28.73	-0.02	-2.5 to 2.5	Pass
				30	3.85	-30.05	-0.02	-2.5 to 2.5	Pass
				40	3.85	-32.07	-0.02	-2.5 to 2.5	Pass
				50	3.85	-31.70	-0.02	-2.5 to 2.5	Pass

B66_15MHZ TEST RESULT

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-2.30	-0.00	-2.5 to 2.5	Pass
					3.85	6.07	0.00	-2.5 to 2.5	Pass
					4.43	17.92	0.01	-2.5 to 2.5	Pass
				-30	3.85	24.42	0.01	-2.5 to 2.5	Pass
				-20	3.85	30.70	0.02	-2.5 to 2.5	Pass
				-10	3.85	2.59	0.00	-2.5 to 2.5	Pass
				0	3.85	14.83	0.01	-2.5 to 2.5	Pass
				10	3.85	20.21	0.01	-2.5 to 2.5	Pass
				30	3.85	19.78	0.01	-2.5 to 2.5	Pass
				40	3.85	23.82	0.01	-2.5 to 2.5	Pass
				50	3.85	29.67	0.02	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	8.14	0.00	-2.5 to 2.5	Pass
					3.85	18.84	0.01	-2.5 to 2.5	Pass
					4.43	12.49	0.01	-2.5 to 2.5	Pass
				-30	3.85	15.18	0.01	-2.5 to 2.5	Pass
				-20	3.85	11.16	0.01	-2.5 to 2.5	Pass
				-10	3.85	7.17	0.00	-2.5 to 2.5	Pass
				0	3.85	2.92	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
				30	3.85	-9.03	-0.01	-2.5 to 2.5	Pass
				40	3.85	-13.76	-0.01	-2.5 to 2.5	Pass
				50	3.85	-20.60	-0.01	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-2.73	-0.00	-2.5 to 2.5	Pass
					3.85	-16.38	-0.01	-2.5 to 2.5	Pass
					4.43	-13.73	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-23.95	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-32.50	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-11.16	-0.01	-2.5 to 2.5	Pass
				0	3.85	-16.25	-0.01	-2.5 to 2.5	Pass
				10	3.85	-19.25	-0.01	-2.5 to 2.5	Pass
				30	3.85	-31.17	-0.02	-2.5 to 2.5	Pass
				40	3.85	-18.91	-0.01	-2.5 to 2.5	Pass
				50	3.85	-12.56	-0.01	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	32.39	0.02	-2.5 to 2.5	Pass
					3.85	19.61	0.01	-2.5 to 2.5	Pass
					4.43	29.08	0.02	-2.5 to 2.5	Pass
				-30	3.85	4.83	0.00	-2.5 to 2.5	Pass
				-20	3.85	17.65	0.01	-2.5 to 2.5	Pass
				-10	3.85	25.56	0.01	-2.5 to 2.5	Pass
				0	3.85	33.00	0.02	-2.5 to 2.5	Pass
				10	3.85	-3.69	-0.00	-2.5 to 2.5	Pass
				30	3.85	2.38	0.00	-2.5 to 2.5	Pass
				40	3.85	13.79	0.01	-2.5 to 2.5	Pass
				50	3.85	20.06	0.01	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-22.75	-0.01	-2.5 to 2.5	Pass
					3.85	-23.70	-0.01	-2.5 to 2.5	Pass
					4.43	-22.62	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-21.70	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-20.64	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-19.61	-0.01	-2.5 to 2.5	Pass
				0	3.85	-14.82	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11.93	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.35	-0.00	-2.5 to 2.5	Pass
				40	3.85	-7.28	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.33	-0.00	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-31.14	-0.02	-2.5 to 2.5	Pass
					3.85	-11.77	-0.01	-2.5 to 2.5	Pass

					4.43	-27.98	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-5.72	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-17.85	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-30.23	-0.02	-2.5 to 2.5	Pass
				0	3.85	-7.30	-0.00	-2.5 to 2.5	Pass
				10	3.85	-21.03	-0.01	-2.5 to 2.5	Pass
				30	3.85	-39.54	-0.02	-2.5 to 2.5	Pass
				40	3.85	-10.46	-0.01	-2.5 to 2.5	Pass
				50	3.85	-21.80	-0.01	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.27	33.03	0.02	-2.5 to 2.5	Pass
					3.85	6.39	0.00	-2.5 to 2.5	Pass
					4.43	23.75	0.01	-2.5 to 2.5	Pass
				-30	3.85	18.55	0.01	-2.5 to 2.5	Pass
				-20	3.85	21.36	0.01	-2.5 to 2.5	Pass
				-10	3.85	31.60	0.02	-2.5 to 2.5	Pass
				0	3.85	26.48	0.02	-2.5 to 2.5	Pass
				10	3.85	5.85	0.00	-2.5 to 2.5	Pass
				30	3.85	18.32	0.01	-2.5 to 2.5	Pass
				40	3.85	23.25	0.01	-2.5 to 2.5	Pass
				50	3.85	-1.10	-0.00	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	3.89	0.00	-2.5 to 2.5	Pass
					3.85	9.17	0.01	-2.5 to 2.5	Pass
					4.43	20.26	0.01	-2.5 to 2.5	Pass
				-30	3.85	16.59	0.01	-2.5 to 2.5	Pass
				-20	3.85	-6.91	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.56	-0.00	-2.5 to 2.5	Pass
				0	3.85	8.97	0.01	-2.5 to 2.5	Pass
				10	3.85	10.63	0.01	-2.5 to 2.5	Pass
				30	3.85	17.42	0.01	-2.5 to 2.5	Pass
				40	3.85	25.08	0.01	-2.5 to 2.5	Pass
				50	3.85	5.42	0.00	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-23.15	-0.01	-2.5 to 2.5	Pass
					3.85	-30.34	-0.02	-2.5 to 2.5	Pass
					4.43	-27.49	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-29.50	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-25.43	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-26.79	-0.02	-2.5 to 2.5	Pass
				0	3.85	-24.48	-0.01	-2.5 to 2.5	Pass
				10	3.85	-26.34	-0.01	-2.5 to 2.5	Pass
				30	3.85	-27.07	-0.02	-2.5 to 2.5	Pass
				40	3.85	-27.84	-0.02	-2.5 to 2.5	Pass
				50	3.85	-23.76	-0.01	-2.5 to 2.5	Pass

B66_20MHZ TEST RESULT

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	24.95	0.01	-2.5 to 2.5	Pass
					3.85	11.82	0.01	-2.5 to 2.5	Pass
					4.43	21.14	0.01	-2.5 to 2.5	Pass
				-30	3.85	30.18	0.02	-2.5 to 2.5	Pass
				-20	3.85	31.53	0.02	-2.5 to 2.5	Pass
				-10	3.85	27.89	0.02	-2.5 to 2.5	Pass
				0	3.85	28.34	0.02	-2.5 to 2.5	Pass
				10	3.85	24.76	0.01	-2.5 to 2.5	Pass
				30	3.85	27.52	0.02	-2.5 to 2.5	Pass
				40	3.85	22.53	0.01	-2.5 to 2.5	Pass
				50	3.85	18.20	0.01	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.72	-0.00	-2.5 to 2.5	Pass
					3.85	-4.65	-0.00	-2.5 to 2.5	Pass
					4.43	-13.12	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-23.25	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-22.67	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-36.01	-0.02	-2.5 to 2.5	Pass
				0	3.85	-41.64	-0.02	-2.5 to 2.5	Pass
				10	3.85	-4.51	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.84	-0.00	-2.5 to 2.5	Pass
				40	3.85	-14.06	-0.01	-2.5 to 2.5	Pass
				50	3.85	-19.33	-0.01	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	4.49	0.00	-2.5 to 2.5	Pass
					3.85	-17.91	-0.01	-2.5 to 2.5	Pass
					4.43	-13.40	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-22.10	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-28.21	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-11.04	-0.01	-2.5 to 2.5	Pass
				0	3.85	-18.70	-0.01	-2.5 to 2.5	Pass
				10	3.85	-24.70	-0.01	-2.5 to 2.5	Pass
				30	3.85	-25.48	-0.01	-2.5 to 2.5	Pass
				40	3.85	-14.73	-0.01	-2.5 to 2.5	Pass
				50	3.85	-23.72	-0.01	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	16.64	0.01	-2.5 to 2.5	Pass
					3.85	18.35	0.01	-2.5 to 2.5	Pass
					4.43	26.75	0.02	-2.5 to 2.5	Pass
				-30	3.85	28.01	0.02	-2.5 to 2.5	Pass
				-20	3.85	23.26	0.01	-2.5 to 2.5	Pass
				-10	3.85	29.17	0.02	-2.5 to 2.5	Pass
				0	3.85	35.51	0.02	-2.5 to 2.5	Pass
				10	3.85	37.38	0.02	-2.5 to 2.5	Pass
				30	3.85	31.86	0.02	-2.5 to 2.5	Pass
				40	3.85	14.73	0.01	-2.5 to 2.5	Pass
				50	3.85	20.77	0.01	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-23.13	-0.01	-2.5 to 2.5	Pass
					3.85	-20.34	-0.01	-2.5 to 2.5	Pass
					4.43	-21.14	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-9.90	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-5.76	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-14.29	-0.01	-2.5 to 2.5	Pass
				0	3.85	-13.26	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11.86	-0.01	-2.5 to 2.5	Pass
				30	3.85	-15.84	-0.01	-2.5 to 2.5	Pass
				40	3.85	-20.54	-0.01	-2.5 to 2.5	Pass
				50	3.85	-14.12	-0.01	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-33.07	-0.02	-2.5 to 2.5	Pass
					3.85	-16.07	-0.01	-2.5 to 2.5	Pass

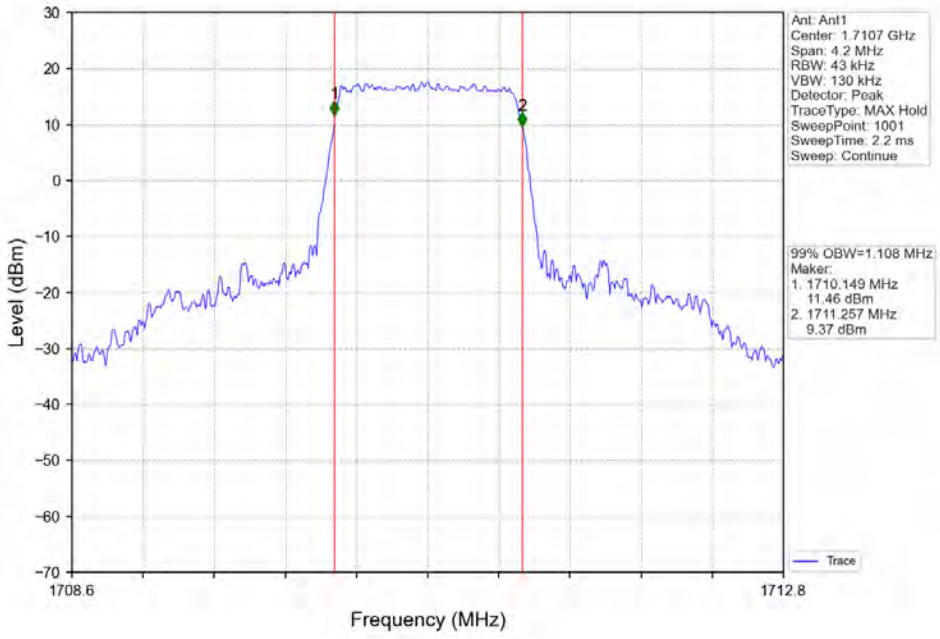
					4.43	-29.37	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-37.34	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-28.32	-0.02	-2.5 to 2.5	Pass
				-10	3.85	3.66	0.00	-2.5 to 2.5	Pass
				0	3.85	-9.05	-0.01	-2.5 to 2.5	Pass
				10	3.85	-16.22	-0.01	-2.5 to 2.5	Pass
				30	3.85	-20.80	-0.01	-2.5 to 2.5	Pass
				40	3.85	-26.98	-0.02	-2.5 to 2.5	Pass
				50	3.85	-37.61	-0.02	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.27	28.20	0.02	-2.5 to 2.5	Pass
					3.85	-7.20	-0.00	-2.5 to 2.5	Pass
					4.43	4.63	0.00	-2.5 to 2.5	Pass
				-30	3.85	18.94	0.01	-2.5 to 2.5	Pass
				-20	3.85	29.71	0.02	-2.5 to 2.5	Pass
				-10	3.85	32.30	0.02	-2.5 to 2.5	Pass
				0	3.85	11.14	0.01	-2.5 to 2.5	Pass
				10	3.85	22.86	0.01	-2.5 to 2.5	Pass
				30	3.85	3.72	0.00	-2.5 to 2.5	Pass
				40	3.85	21.60	0.01	-2.5 to 2.5	Pass
				50	3.85	21.73	0.01	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-19.24	-0.01	-2.5 to 2.5	Pass
					3.85	-8.94	-0.01	-2.5 to 2.5	Pass
					4.43	1.30	0.00	-2.5 to 2.5	Pass
				-30	3.85	6.45	0.00	-2.5 to 2.5	Pass
				-20	3.85	19.28	0.01	-2.5 to 2.5	Pass
				-10	3.85	27.11	0.02	-2.5 to 2.5	Pass
				0	3.85	21.69	0.01	-2.5 to 2.5	Pass
				10	3.85	-6.81	-0.00	-2.5 to 2.5	Pass
				30	3.85	6.04	0.00	-2.5 to 2.5	Pass
				40	3.85	9.20	0.01	-2.5 to 2.5	Pass
				50	3.85	14.98	0.01	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	3.10	0.00	-2.5 to 2.5	Pass
					3.85	5.88	0.00	-2.5 to 2.5	Pass
					4.43	5.42	0.00	-2.5 to 2.5	Pass
				-30	3.85	13.02	0.01	-2.5 to 2.5	Pass
				-20	3.85	19.24	0.01	-2.5 to 2.5	Pass
				-10	3.85	21.96	0.01	-2.5 to 2.5	Pass
				0	3.85	24.58	0.01	-2.5 to 2.5	Pass
				10	3.85	28.93	0.02	-2.5 to 2.5	Pass
				30	3.85	34.83	0.02	-2.5 to 2.5	Pass
				40	3.85	2.49	0.00	-2.5 to 2.5	Pass
				50	3.85	5.78	0.00	-2.5 to 2.5	Pass

99% & 26DB BANDWIDTH 99%_OBW TEST RESULT

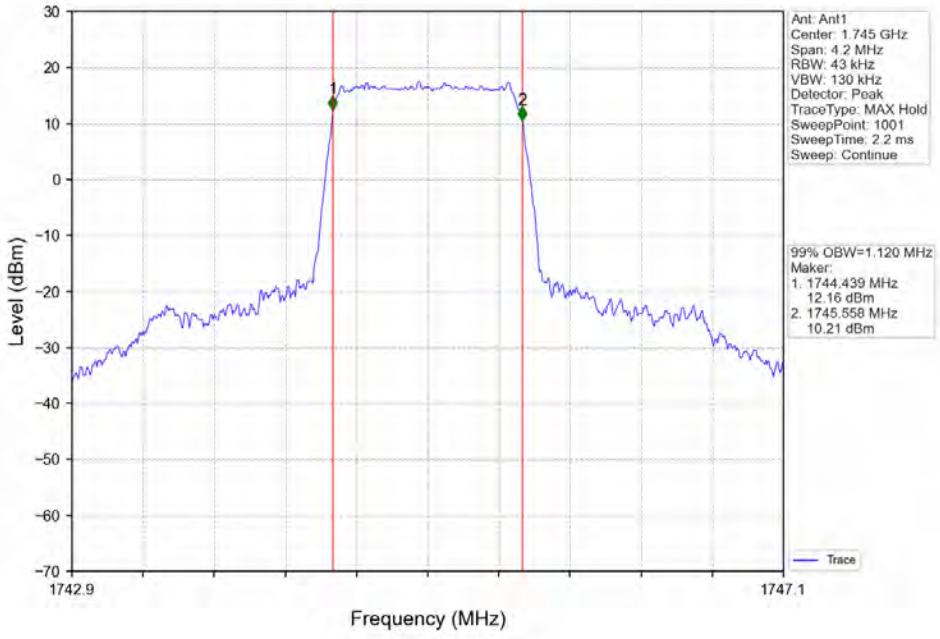
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.108	Pass
		1745	6	0	1.120	Pass
		1779.3	6	0	1.108	Pass
	16QAM	1710.7	6	0	1.109	Pass
		1745	6	0	1.115	Pass
		1779.3	6	0	1.116	Pass
	64QAM	1710.7	6	0	1.109	Pass
		1745	6	0	1.109	Pass
		1779.3	6	0	1.111	Pass
3	QPSK	1711.5	15	0	2.754	Pass
		1745	15	0	2.766	Pass
		1778.5	15	0	2.763	Pass
	16QAM	1711.5	15	0	2.781	Pass
		1745	15	0	2.758	Pass
		1778.5	15	0	2.767	Pass
	64QAM	1711.5	15	0	2.768	Pass
		1745	15	0	2.736	Pass
		1778.5	15	0	2.767	Pass
5	QPSK	1712.5	25	0	4.564	Pass
		1745	25	0	4.548	Pass
		1777.5	25	0	4.551	Pass
	16QAM	1712.5	25	0	4.555	Pass
		1745	25	0	4.577	Pass
		1777.5	25	0	4.575	Pass
	64QAM	1712.5	25	0	4.545	Pass
		1745	25	0	4.564	Pass
		1777.5	25	0	4.561	Pass
10	QPSK	1715	50	0	9.062	Pass
		1745	50	0	9.049	Pass
		1775	50	0	9.107	Pass
	16QAM	1715	50	0	9.085	Pass
		1745	50	0	9.063	Pass
		1775	50	0	9.093	Pass
	64QAM	1715	50	0	9.079	Pass
		1745	50	0	9.062	Pass
		1775	50	0	9.064	Pass
15	QPSK	1717.5	75	0	13.627	Pass
		1745	75	0	13.653	Pass
		1772.5	75	0	13.652	Pass
	16QAM	1717.5	75	0	13.676	Pass
		1745	75	0	13.660	Pass
		1772.5	75	0	13.690	Pass
	64QAM	1717.5	75	0	13.625	Pass
		1745	75	0	13.628	Pass
		1772.5	75	0	13.695	Pass
20	QPSK	1720	100	0	18.181	Pass
		1745	100	0	18.187	Pass
		1770	100	0	18.181	Pass
	16QAM	1720	100	0	18.160	Pass
		1745	100	0	18.150	Pass
		1770	100	0	18.163	Pass
	64QAM	1720	100	0	18.107	Pass
		1745	100	0	18.135	Pass
		1770	100	0	18.131	Pass

TEST GRAPH

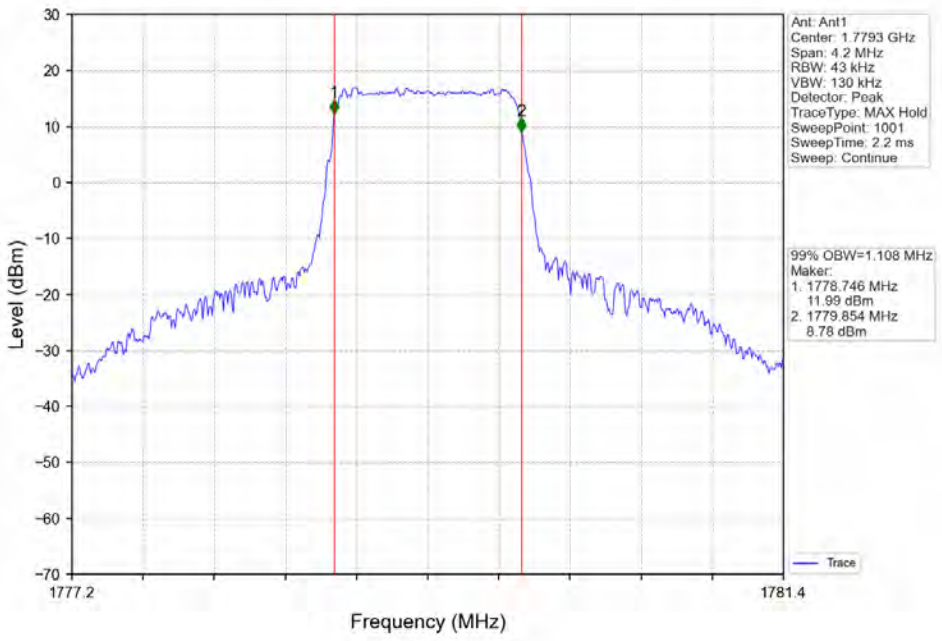
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



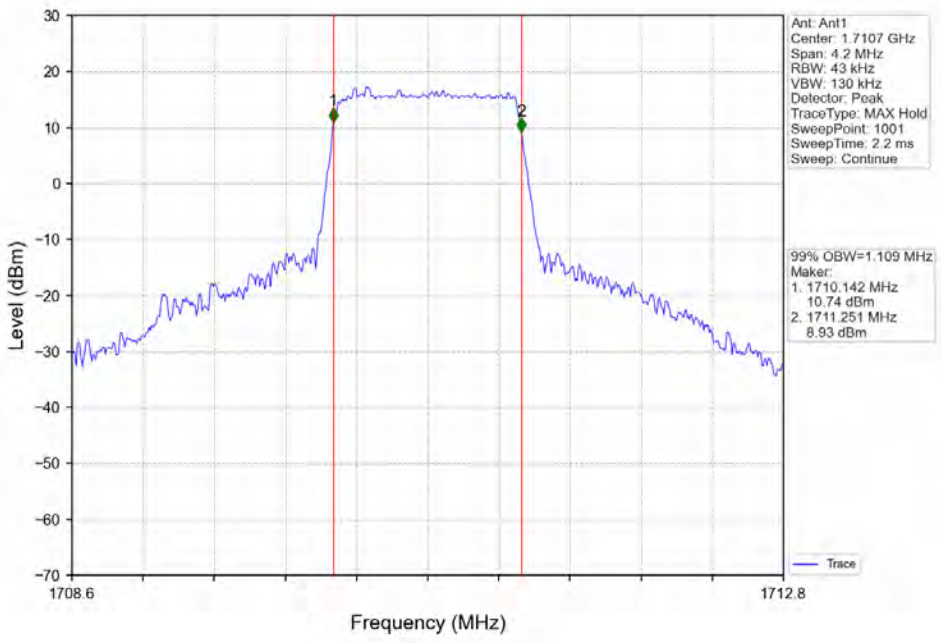
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



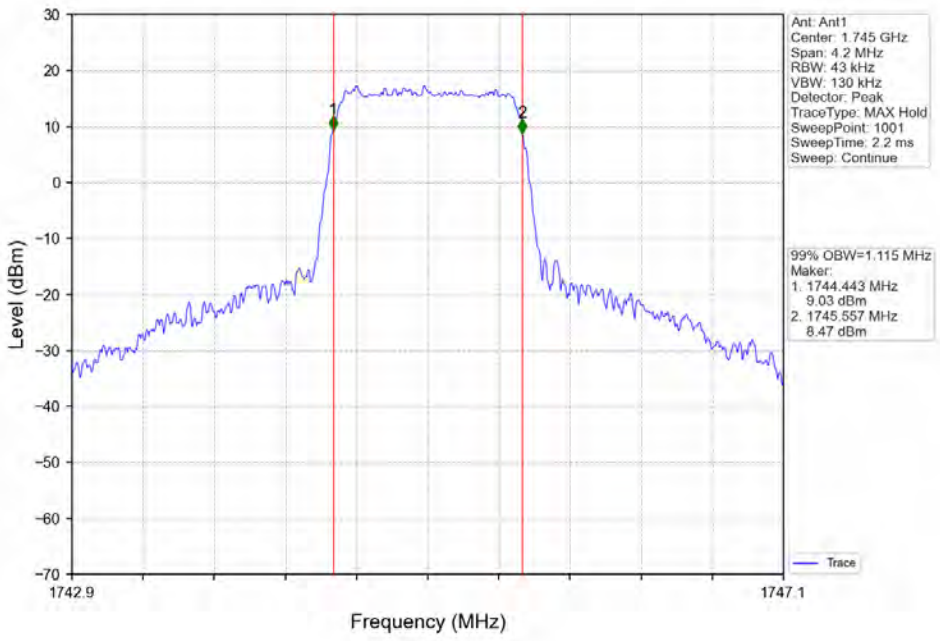
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



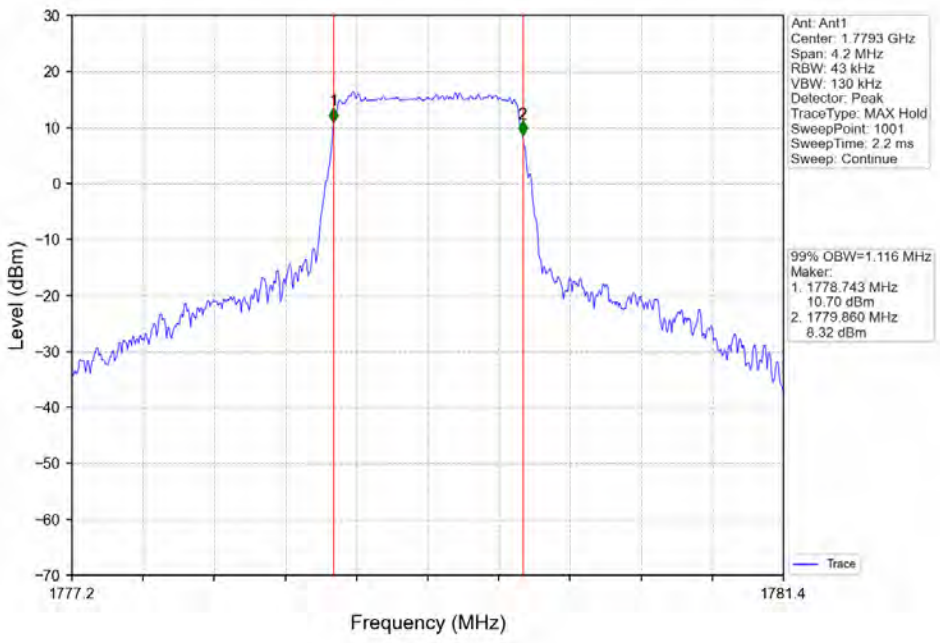
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



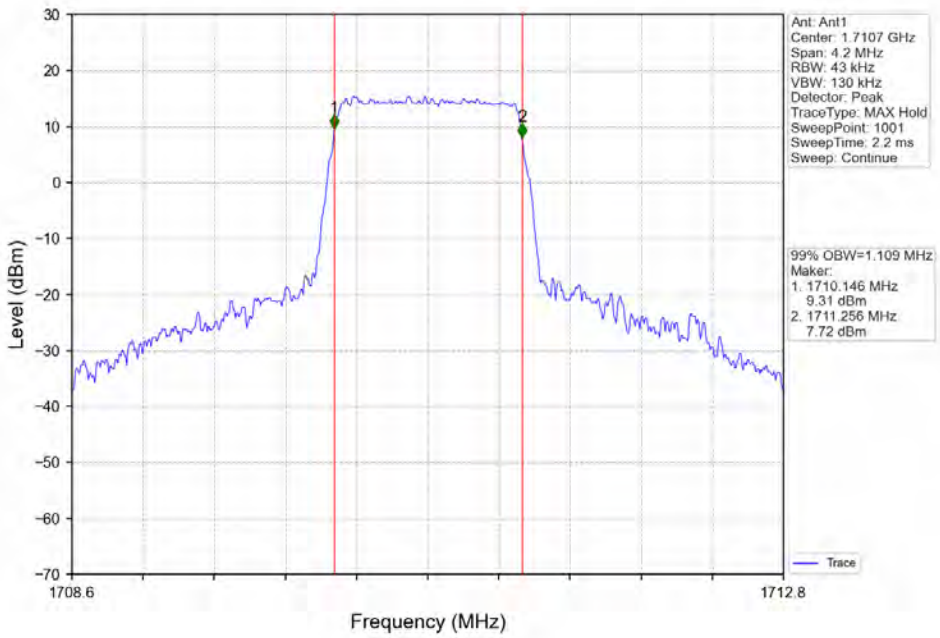
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



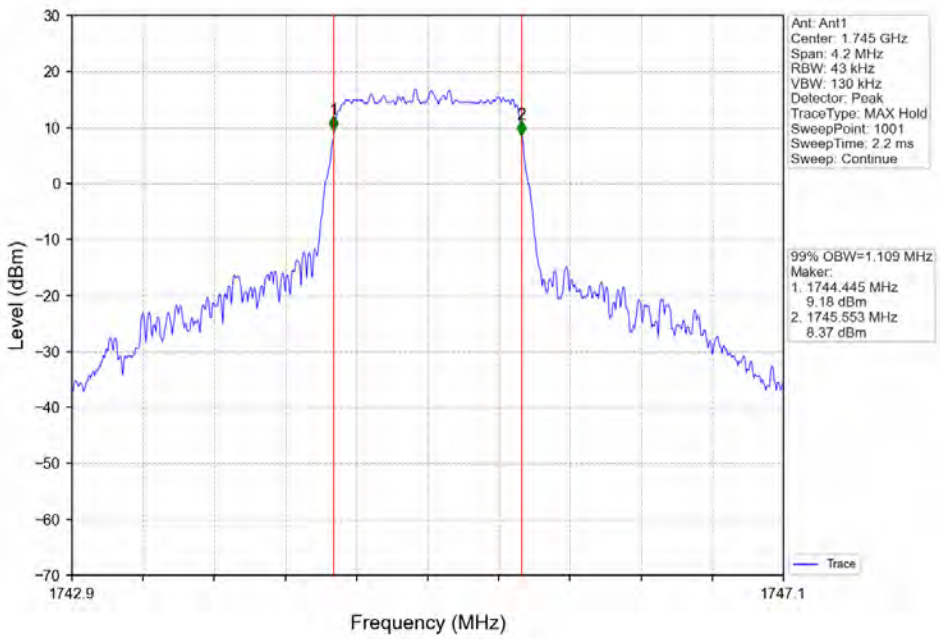
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



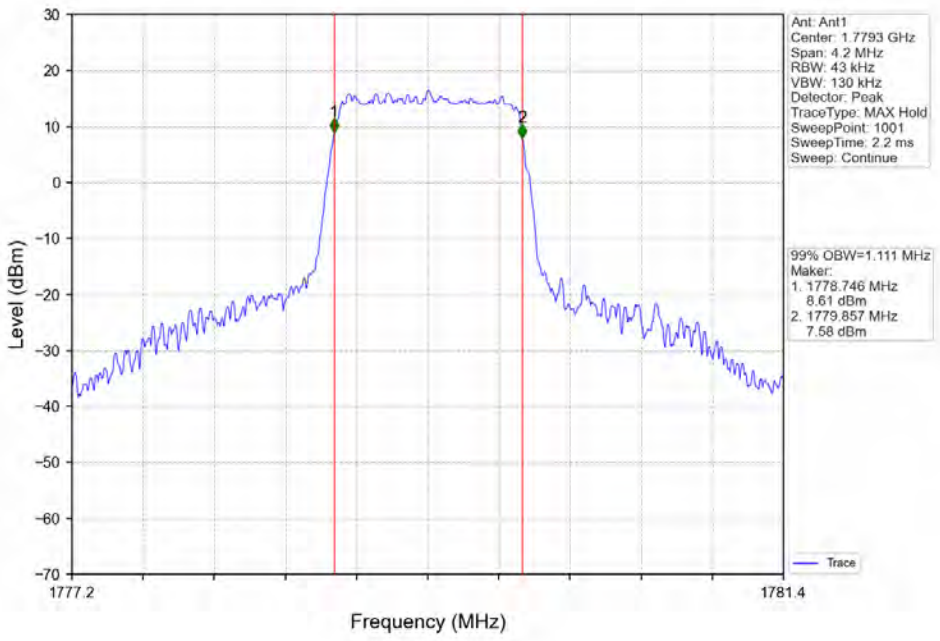
Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



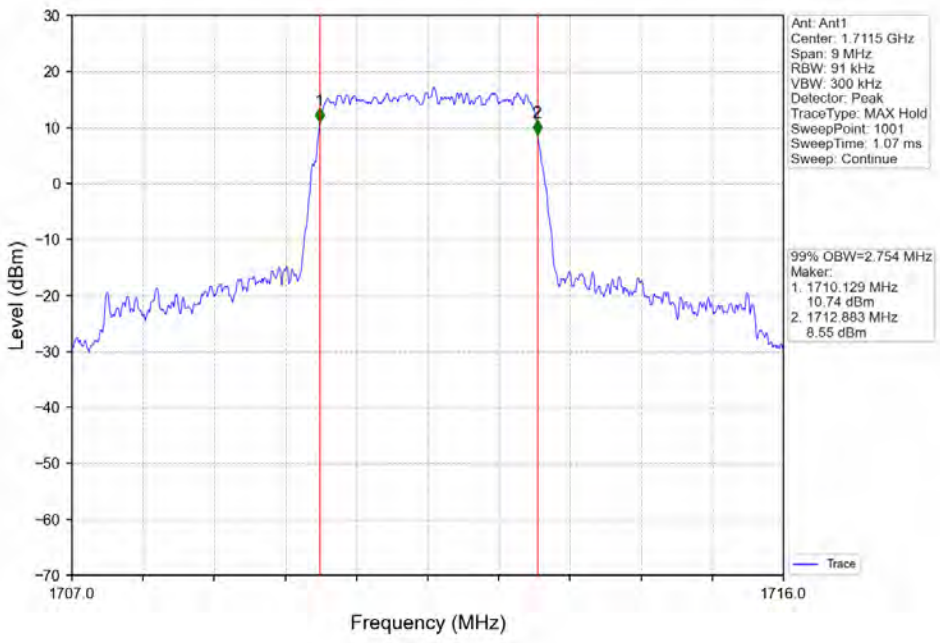
Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



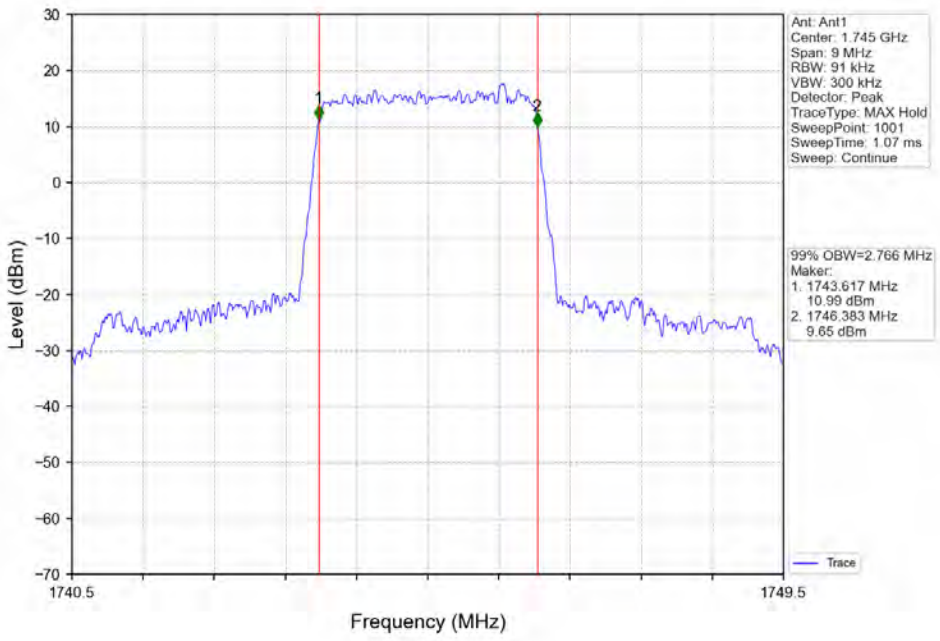
Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



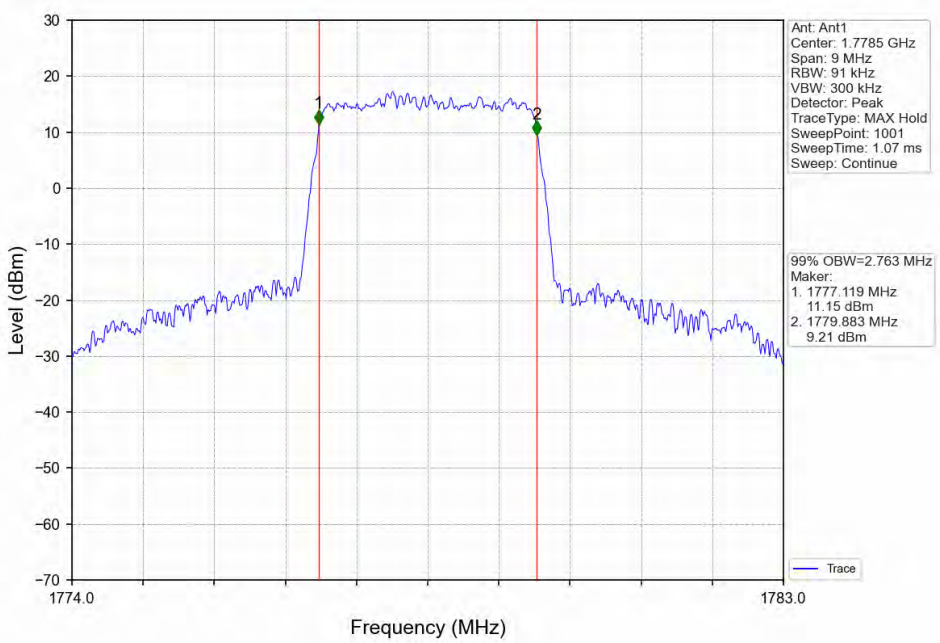
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



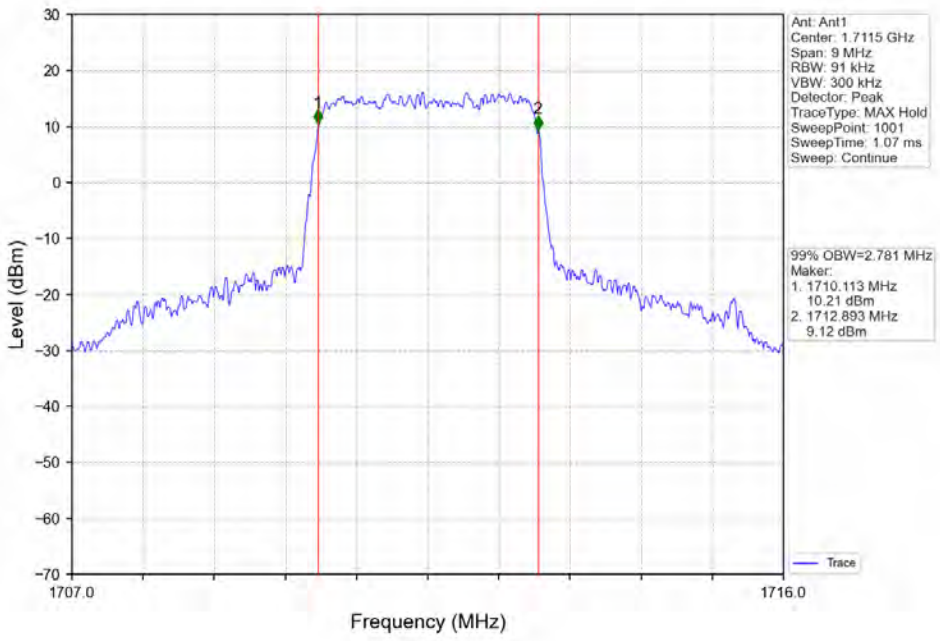
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



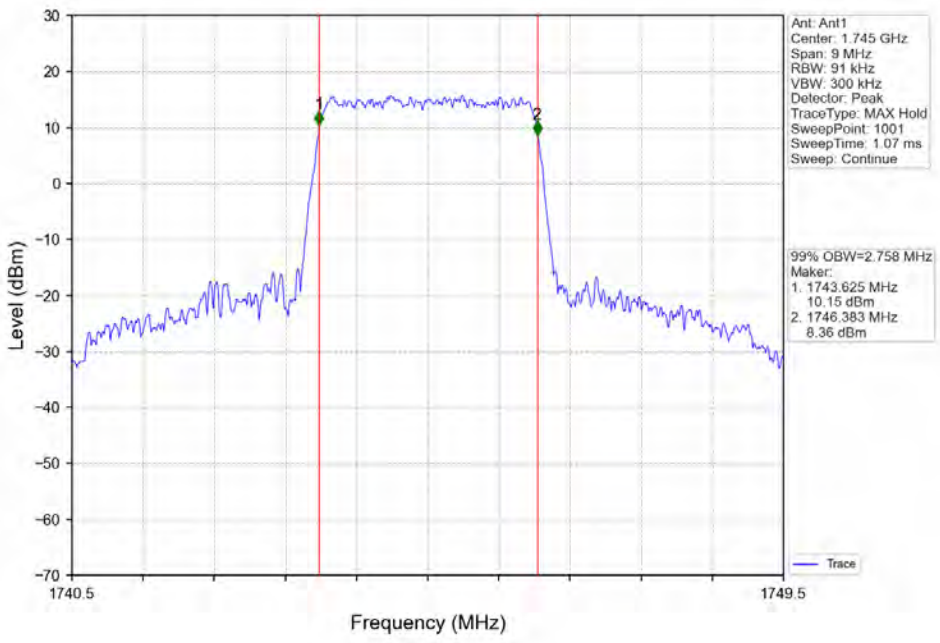
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



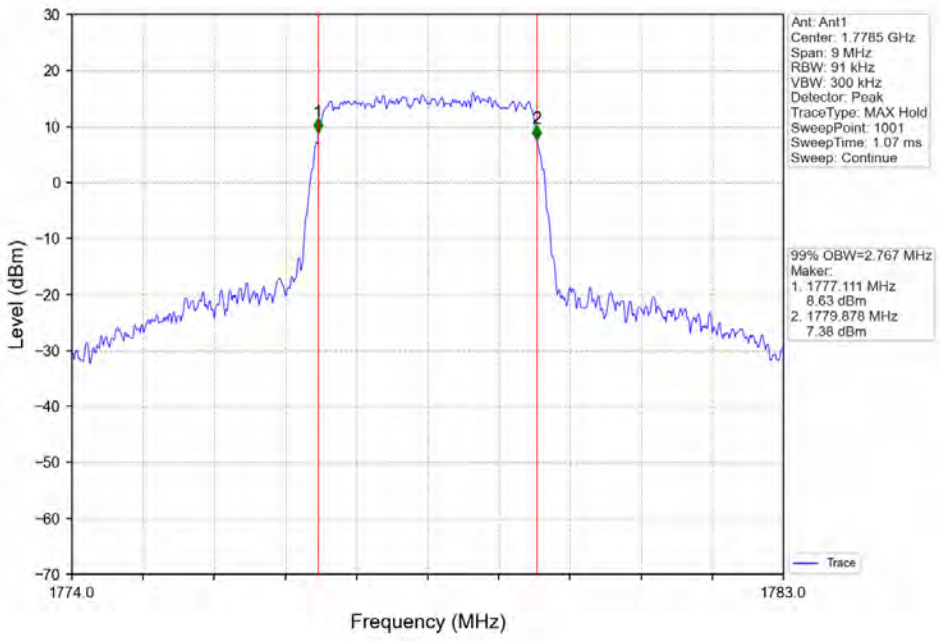
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



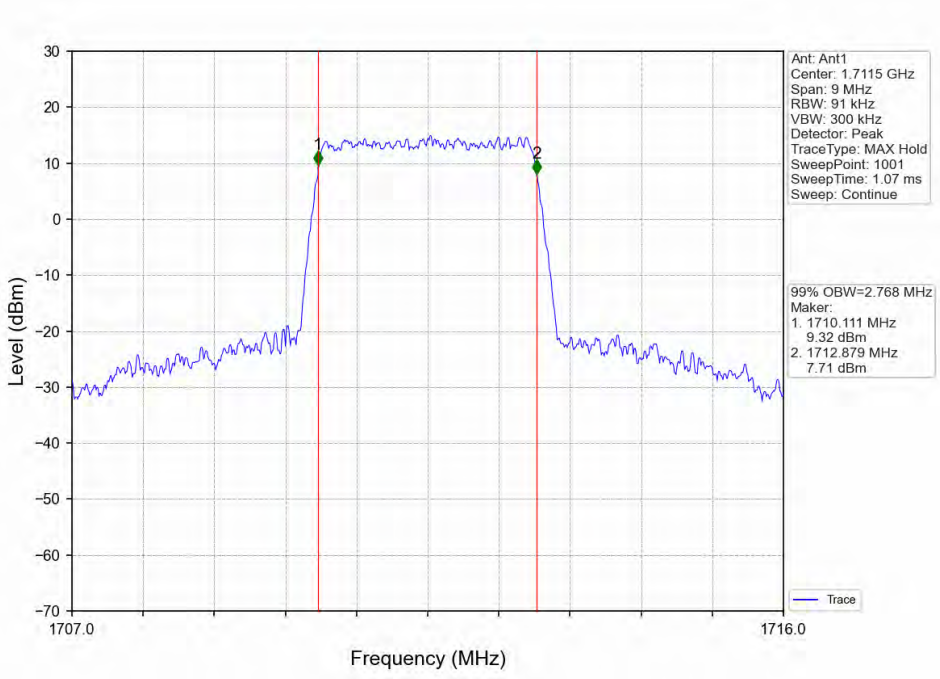
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



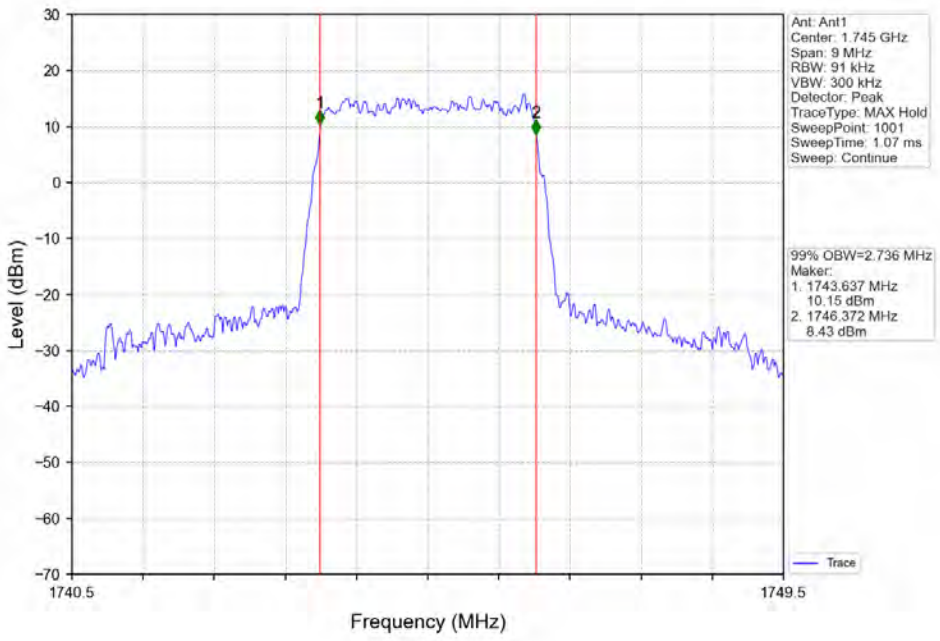
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



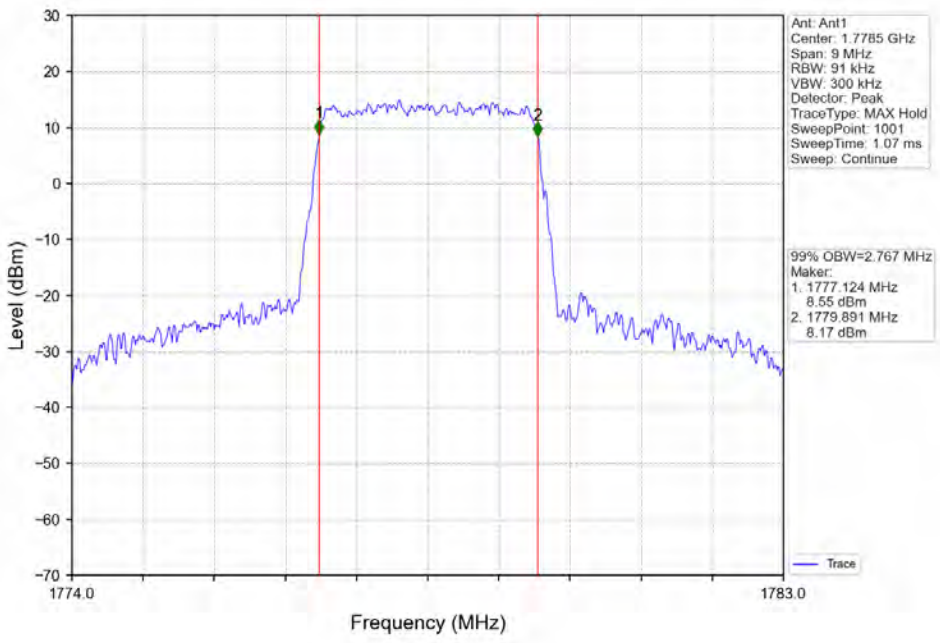
Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



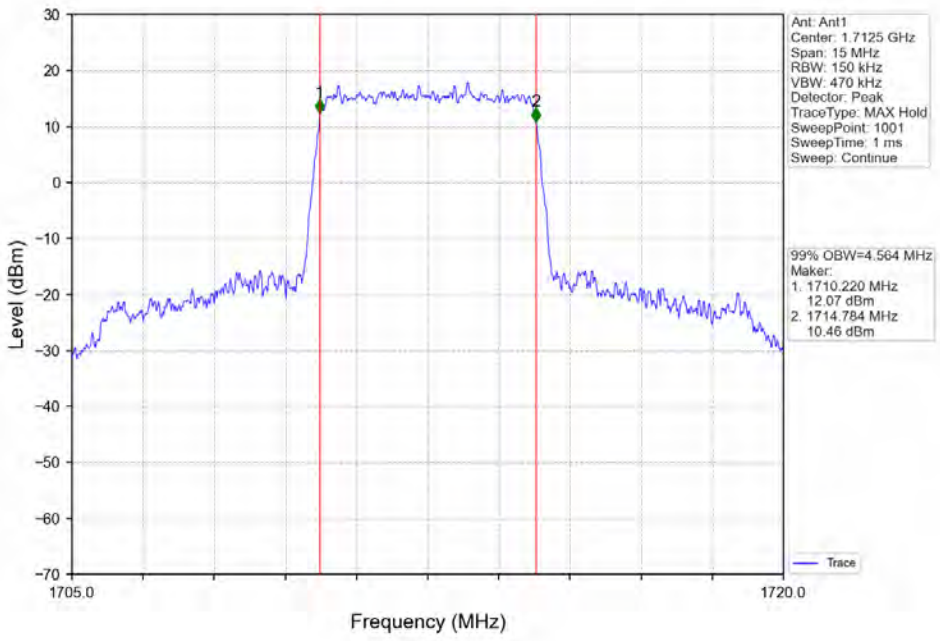
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



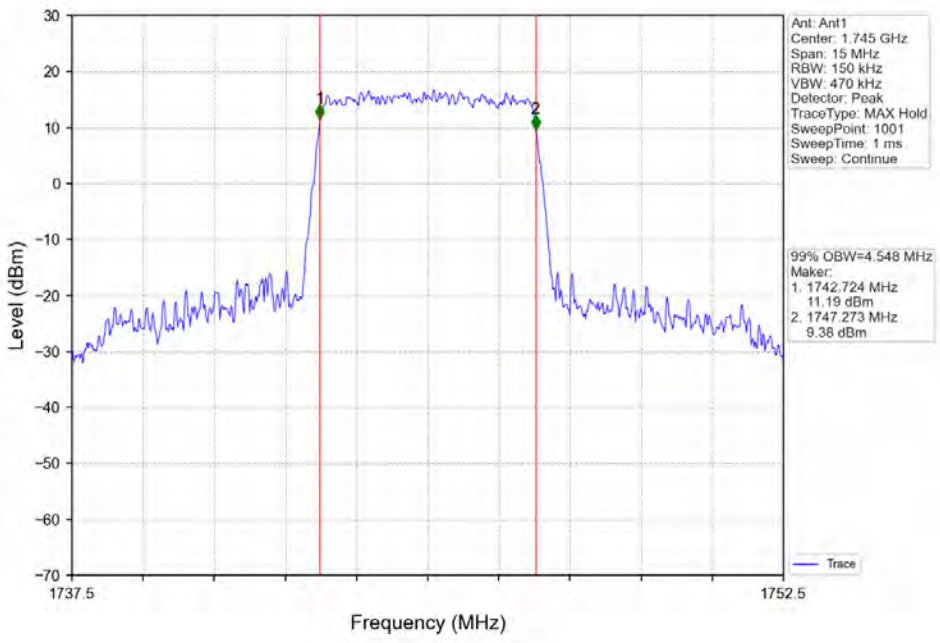
Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



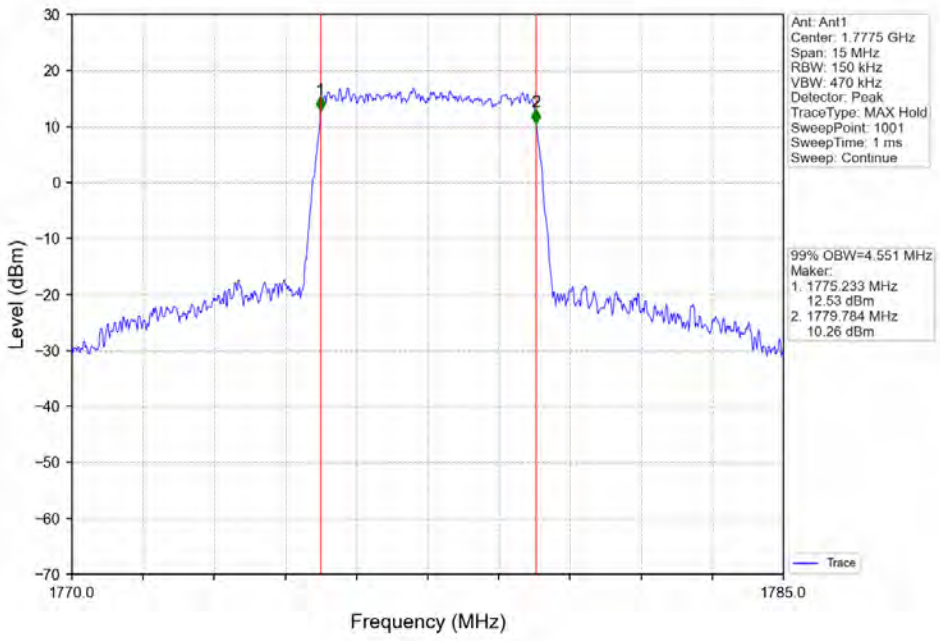
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



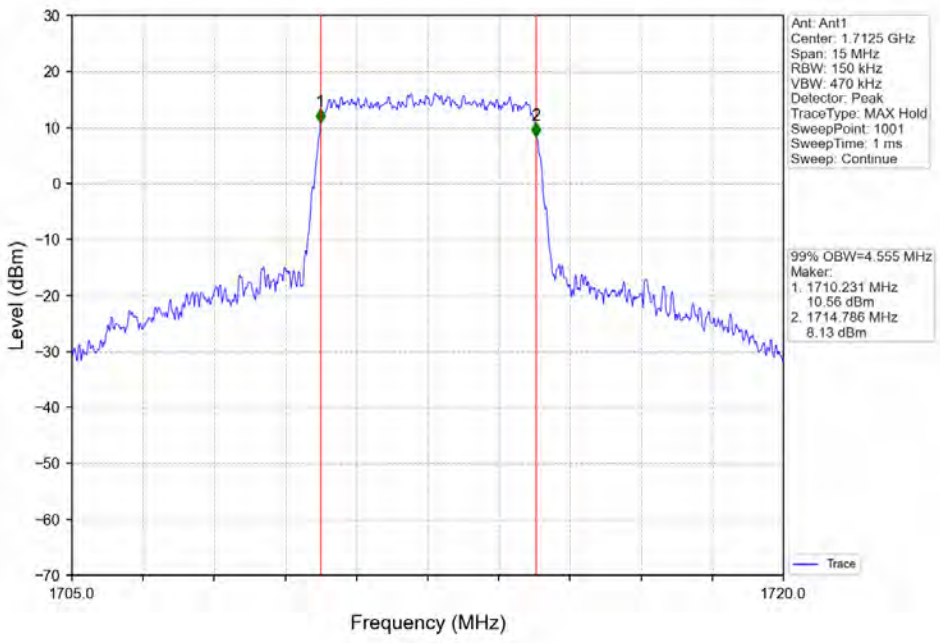
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



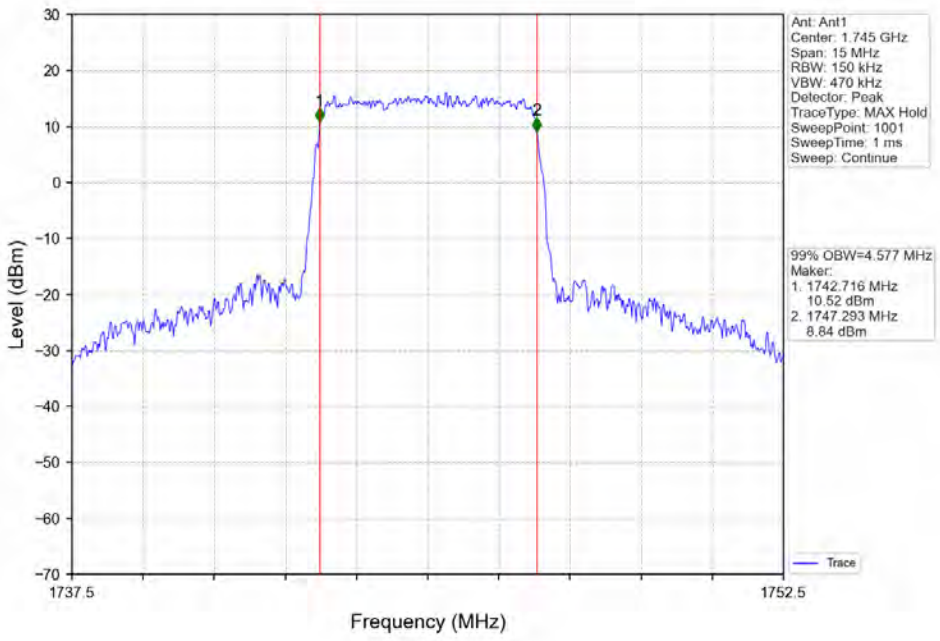
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



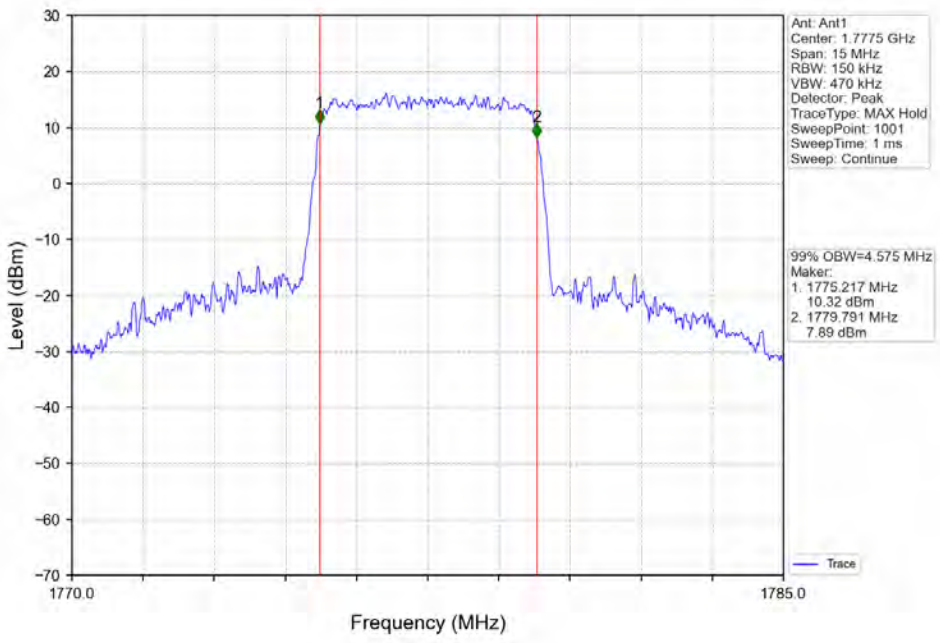
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



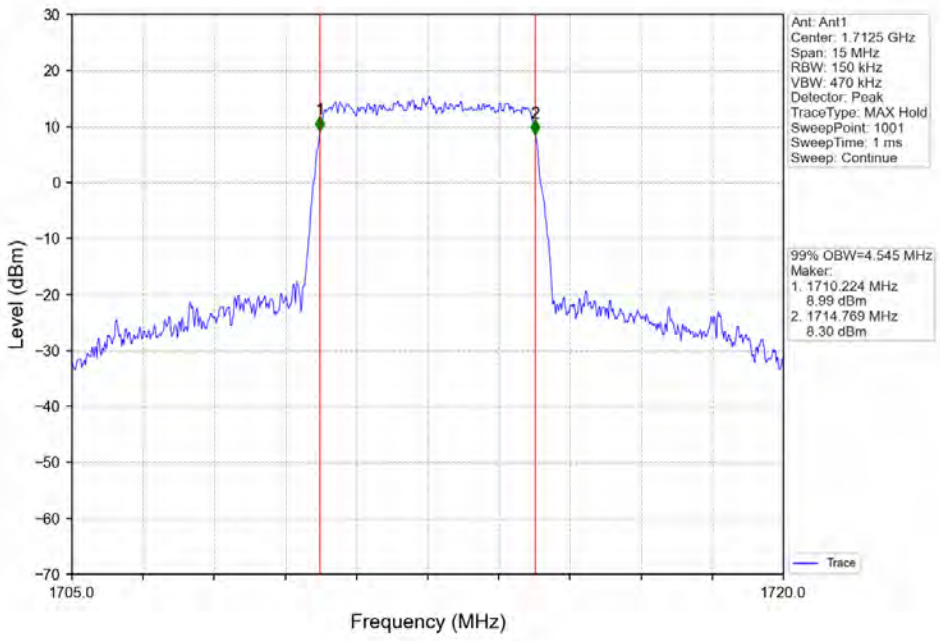
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



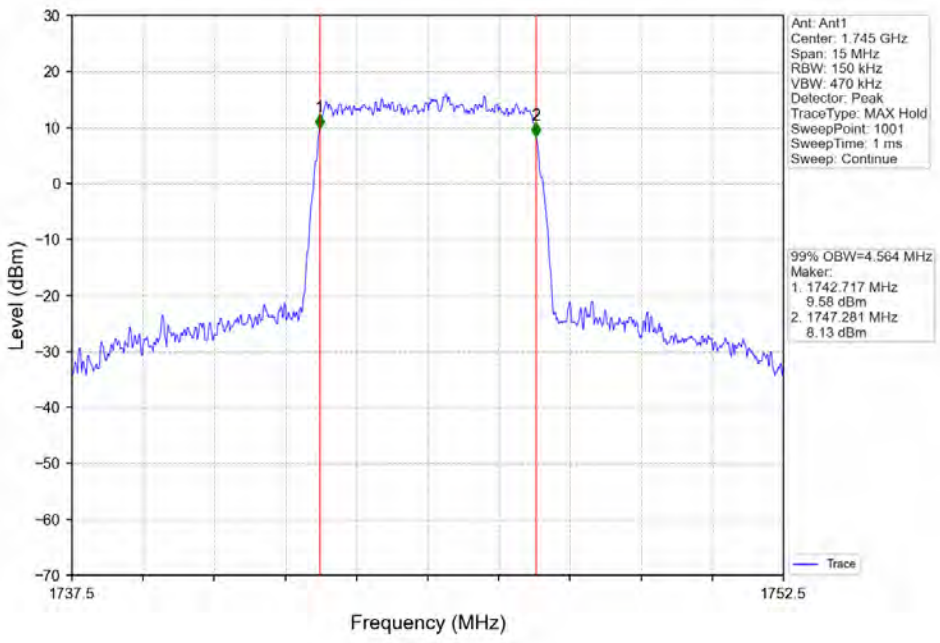
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



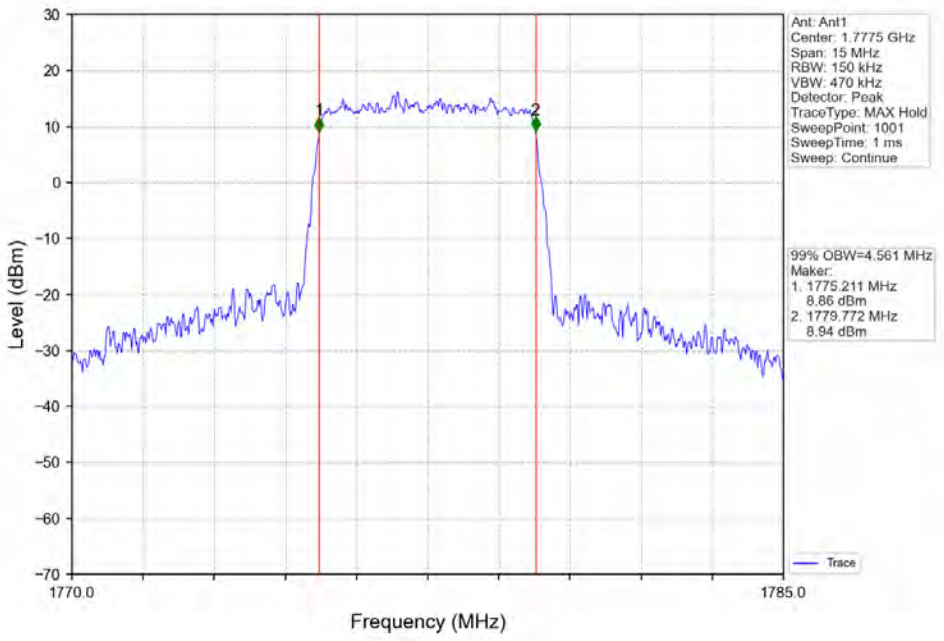
Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



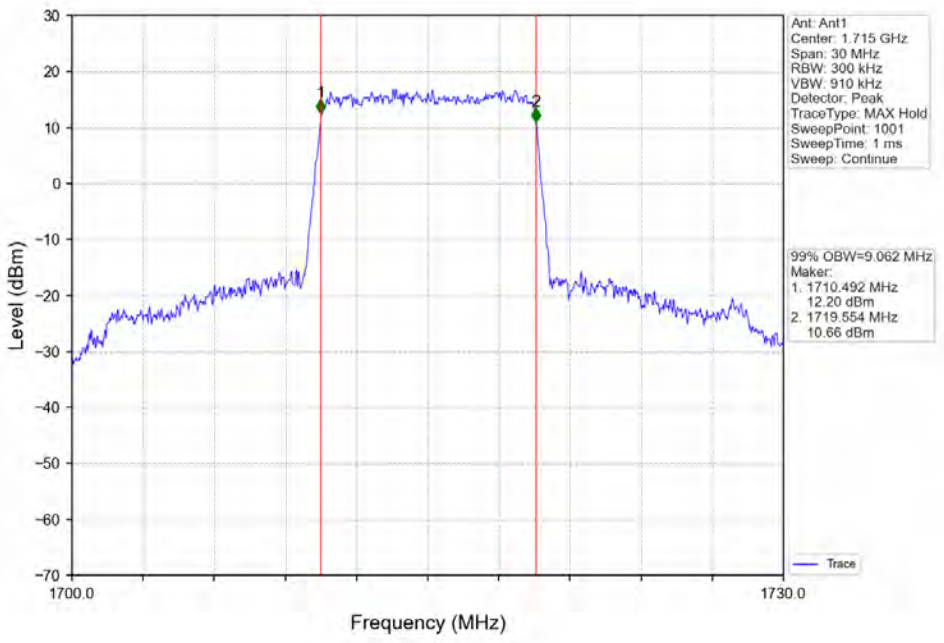
Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



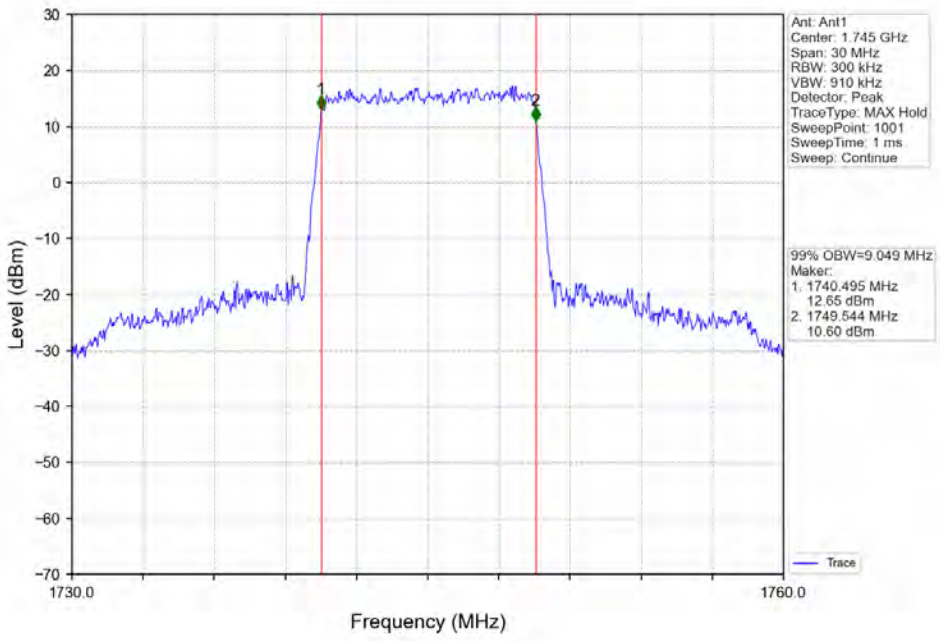
Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



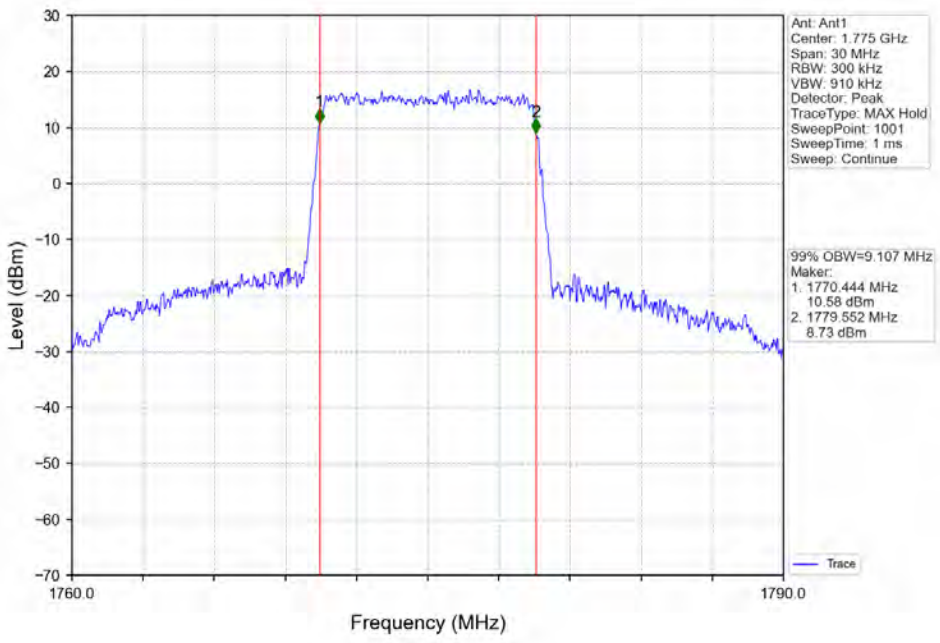
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



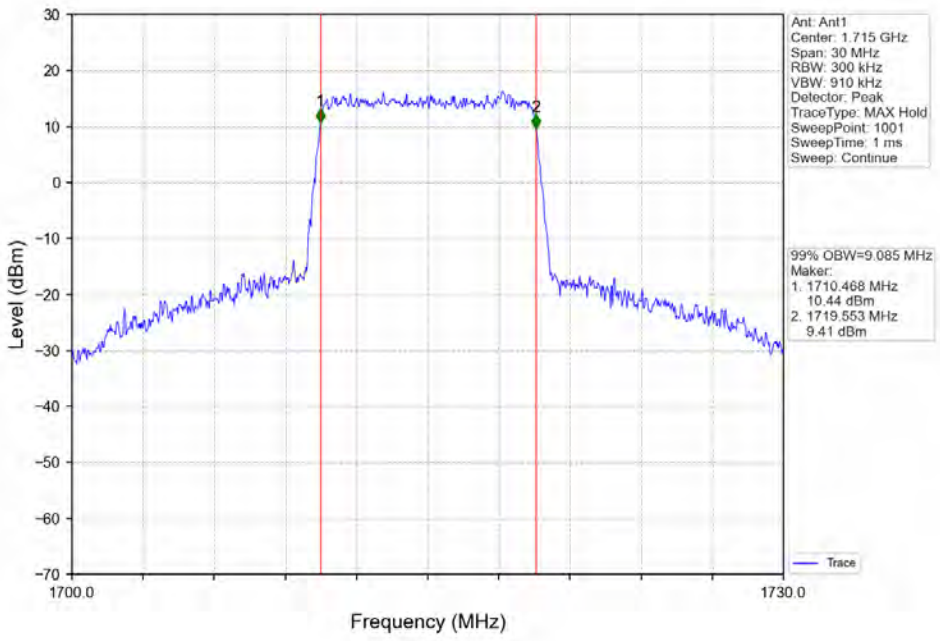
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



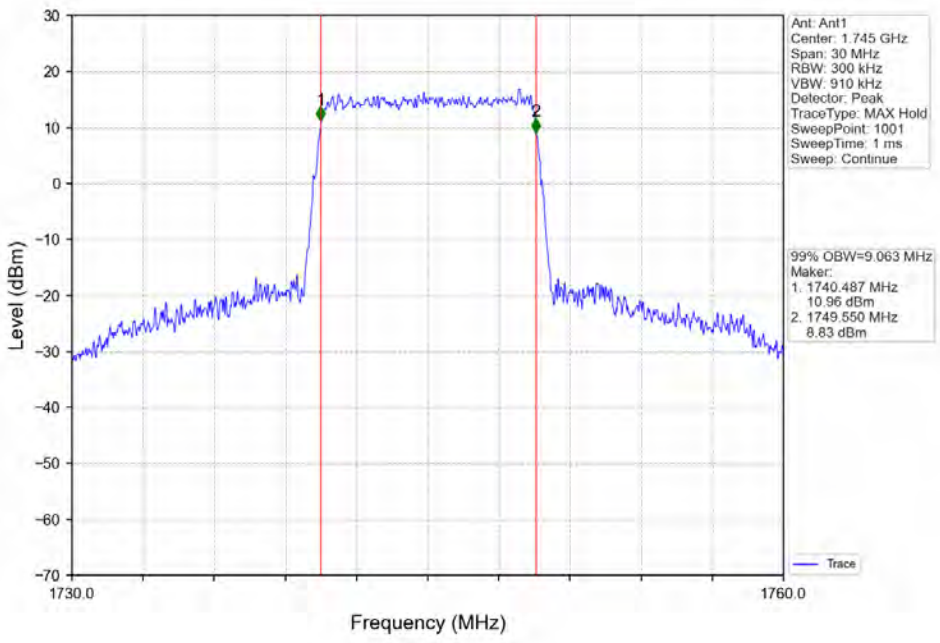
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



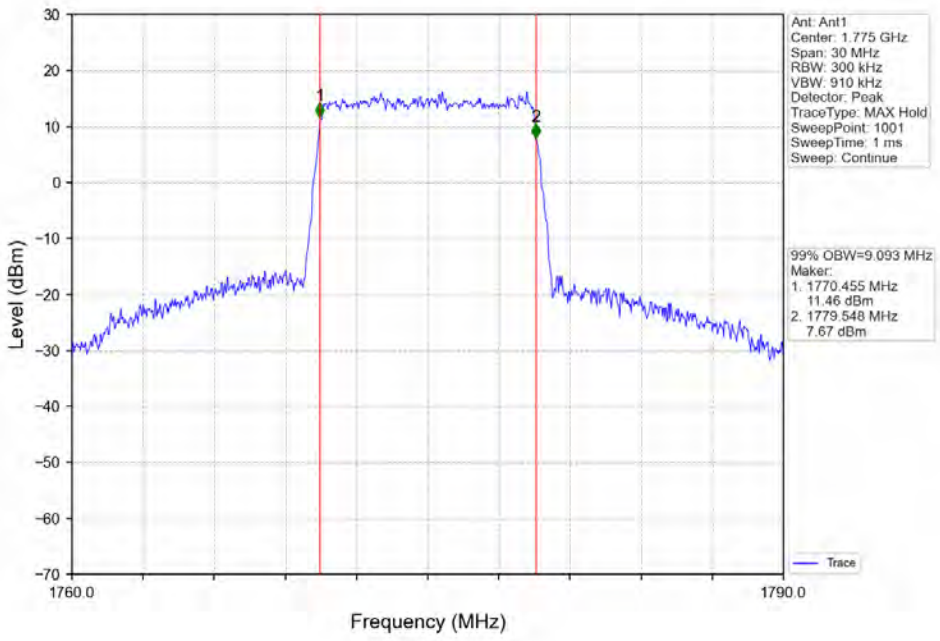
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



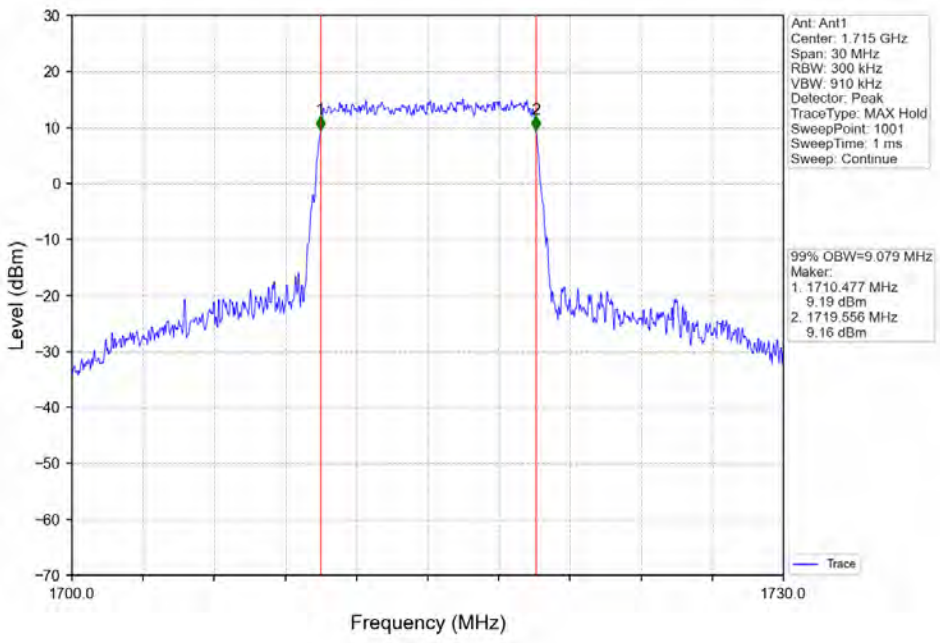
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



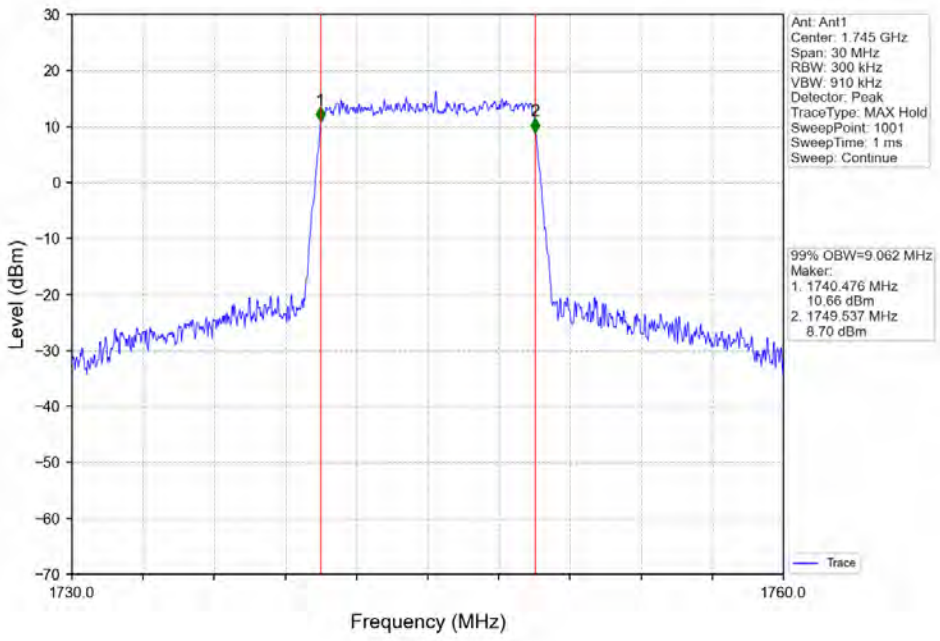
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



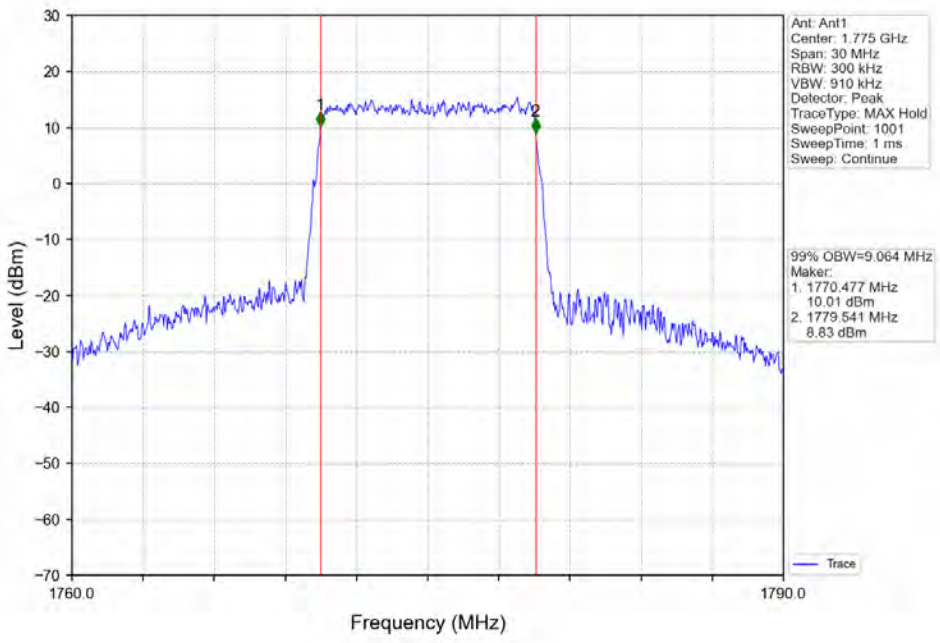
Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



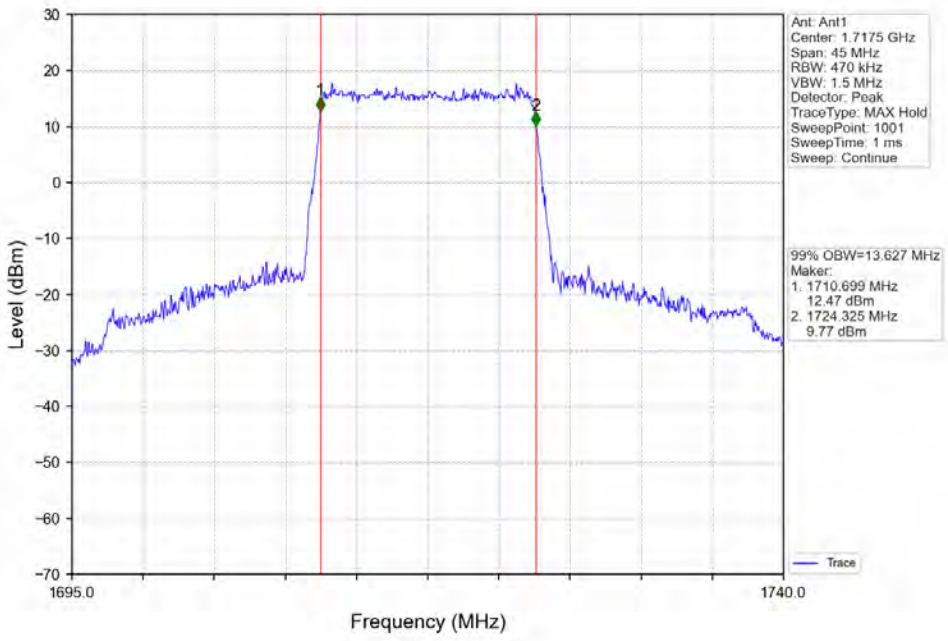
Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



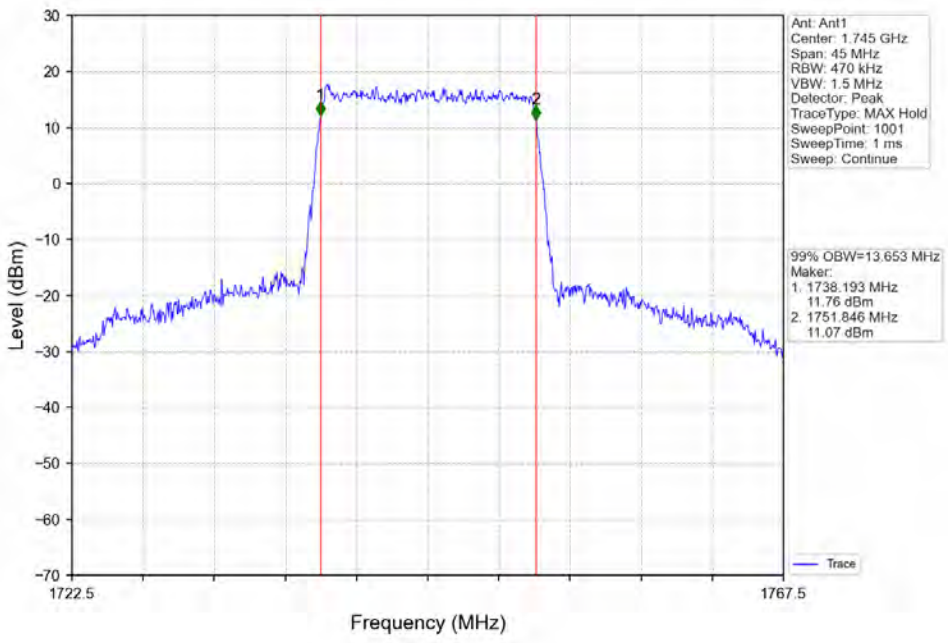
Band66_10MHz_64QAM_HCH_1775MHz_RB_50_0_NTNV



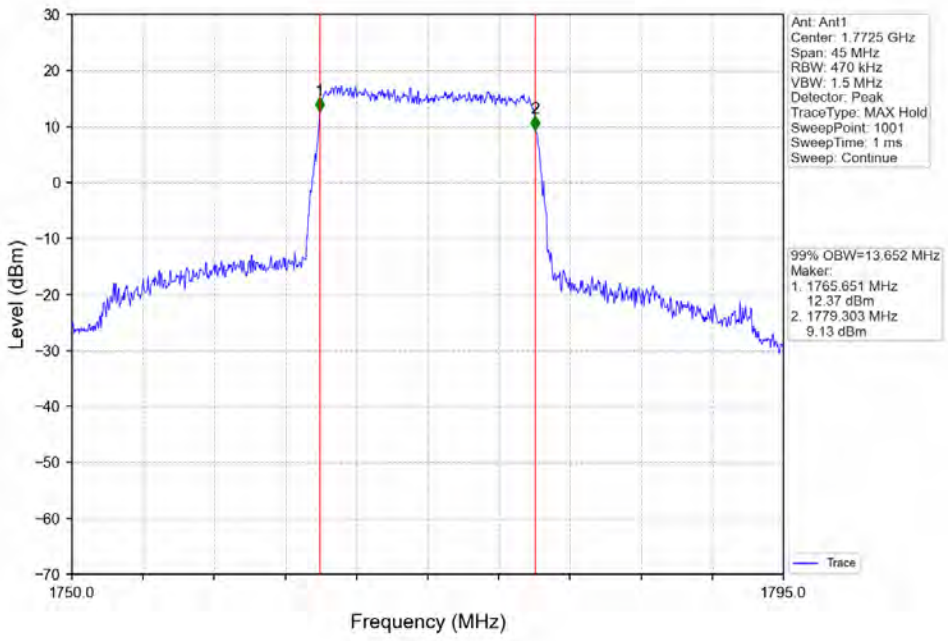
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



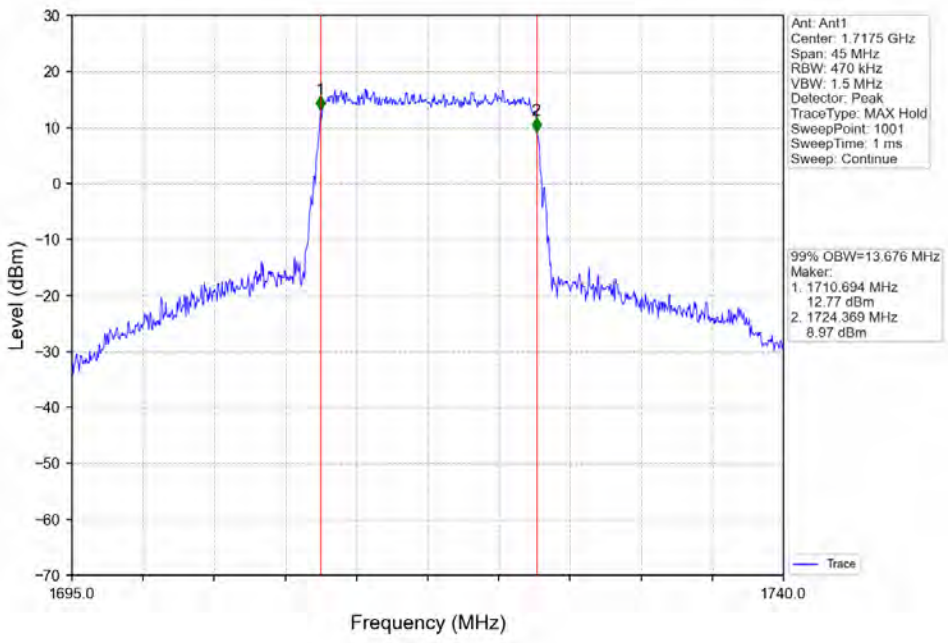
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



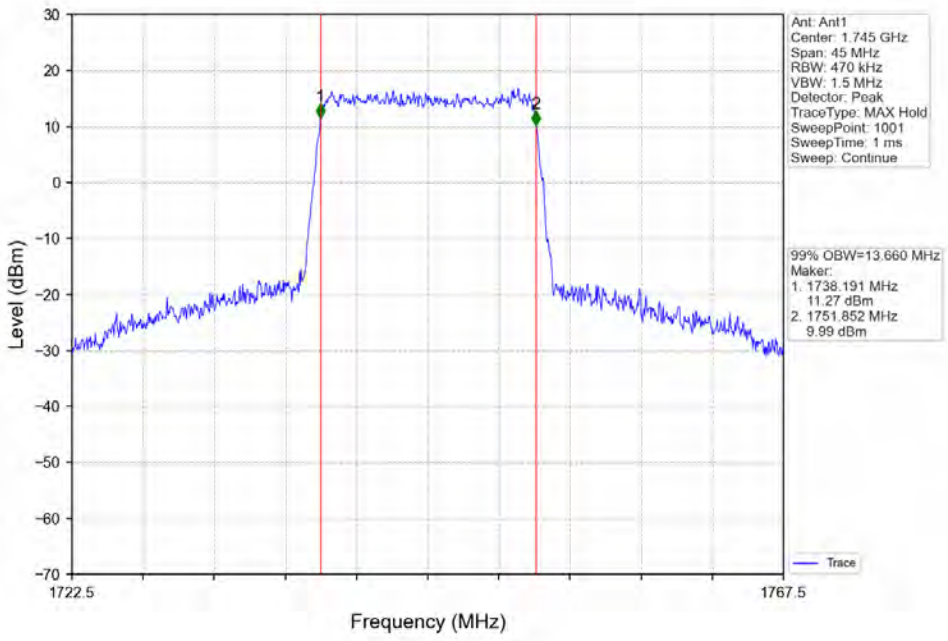
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



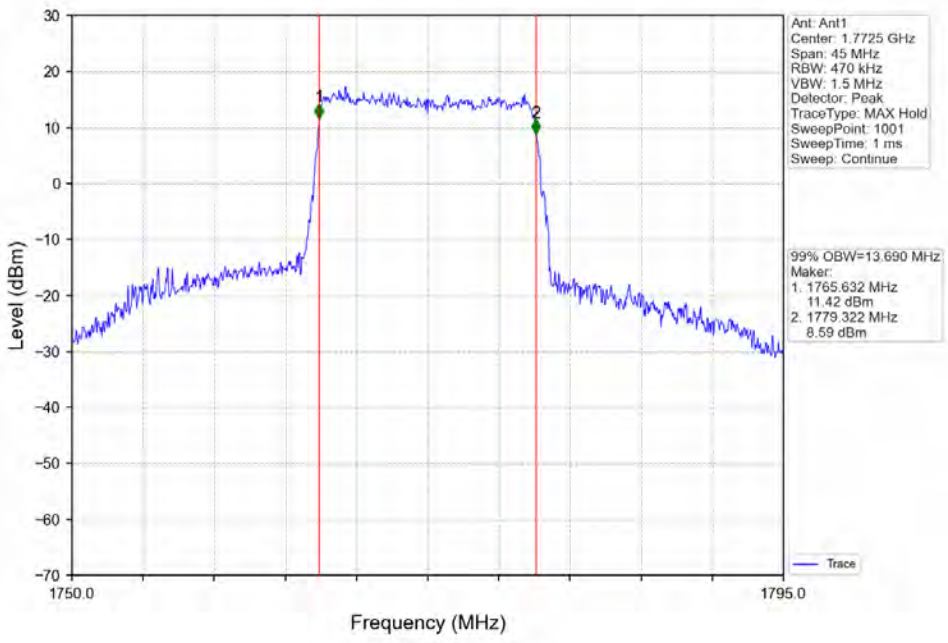
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



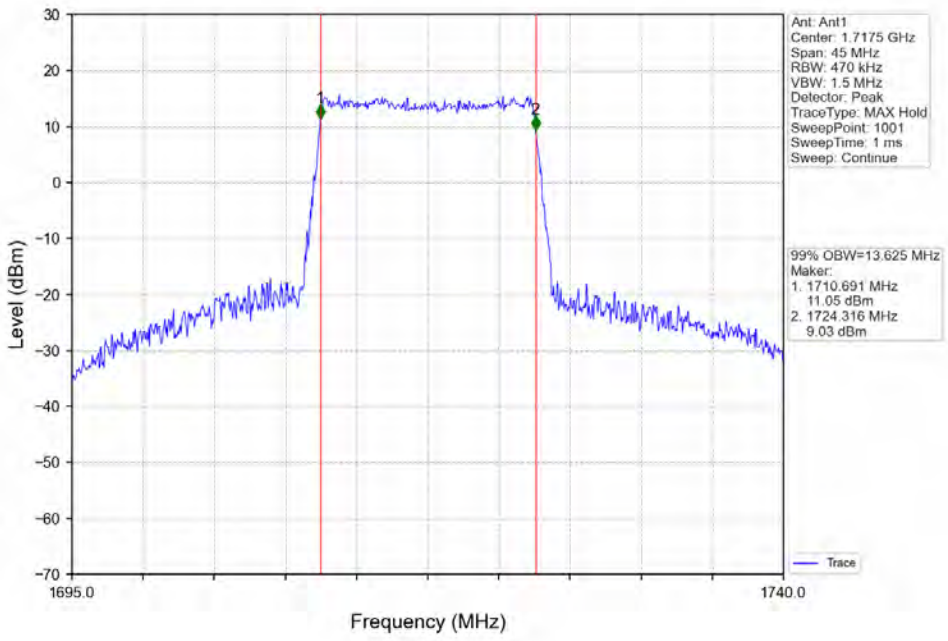
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



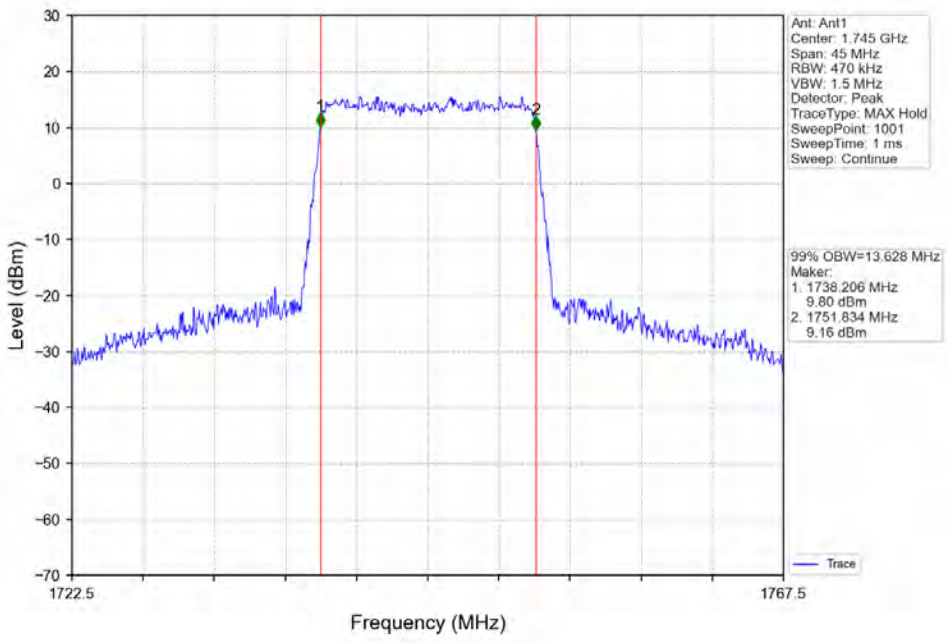
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



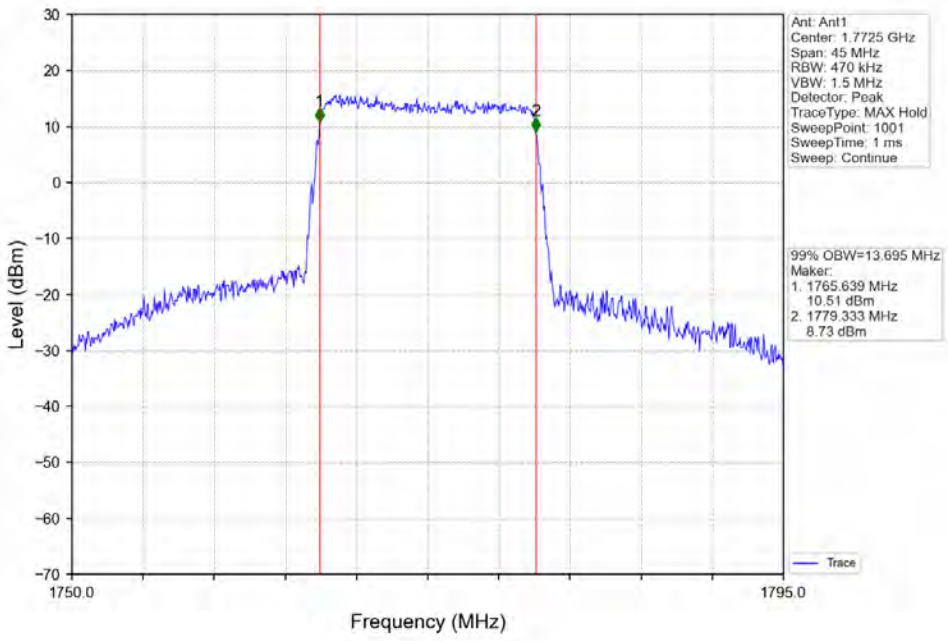
Band66_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



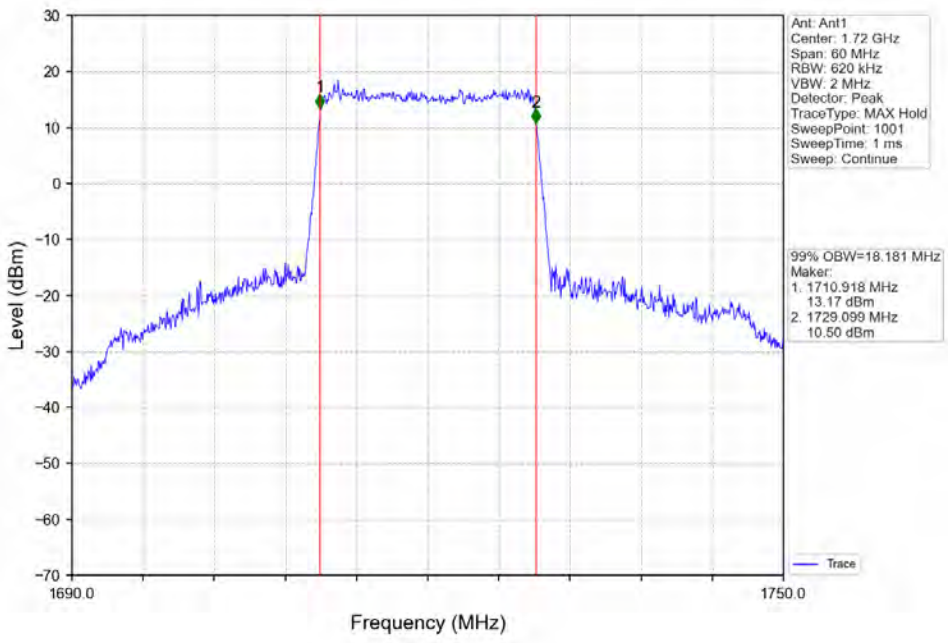
Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



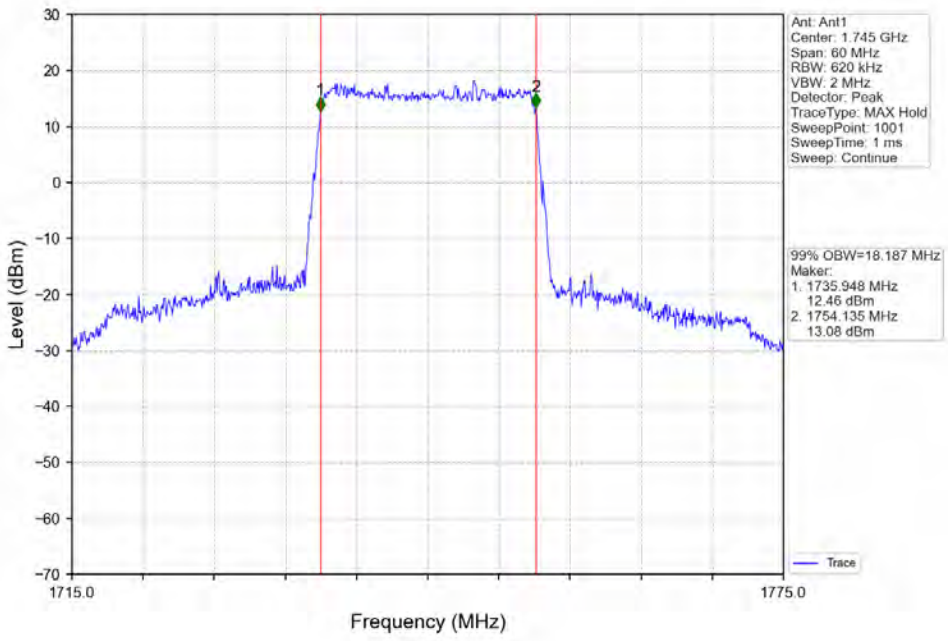
Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



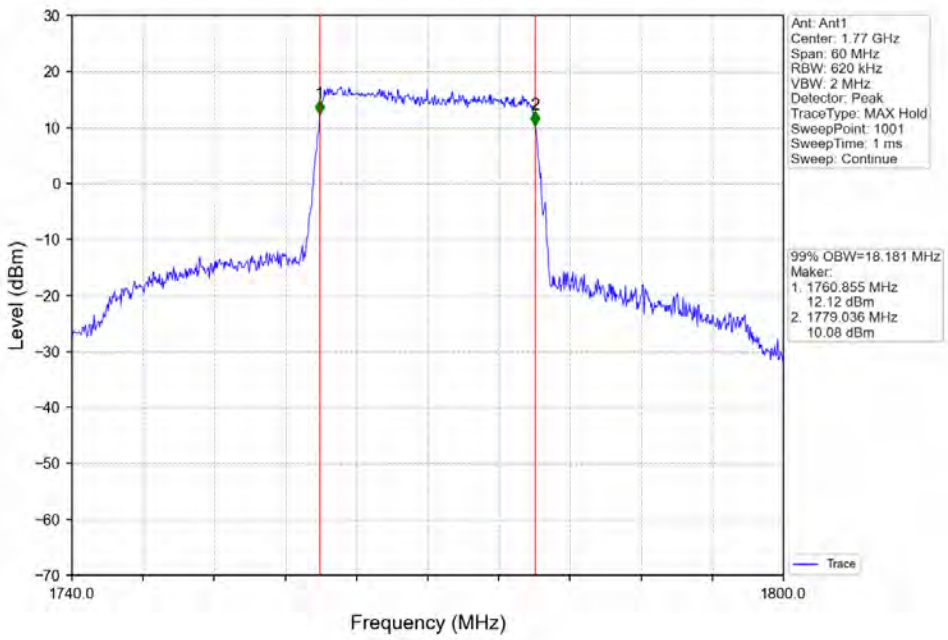
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



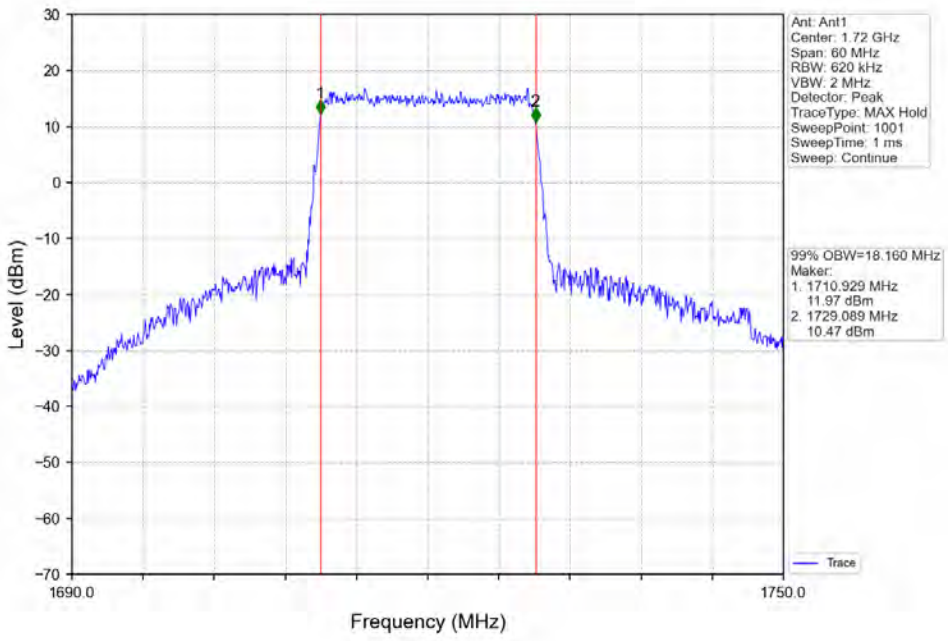
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



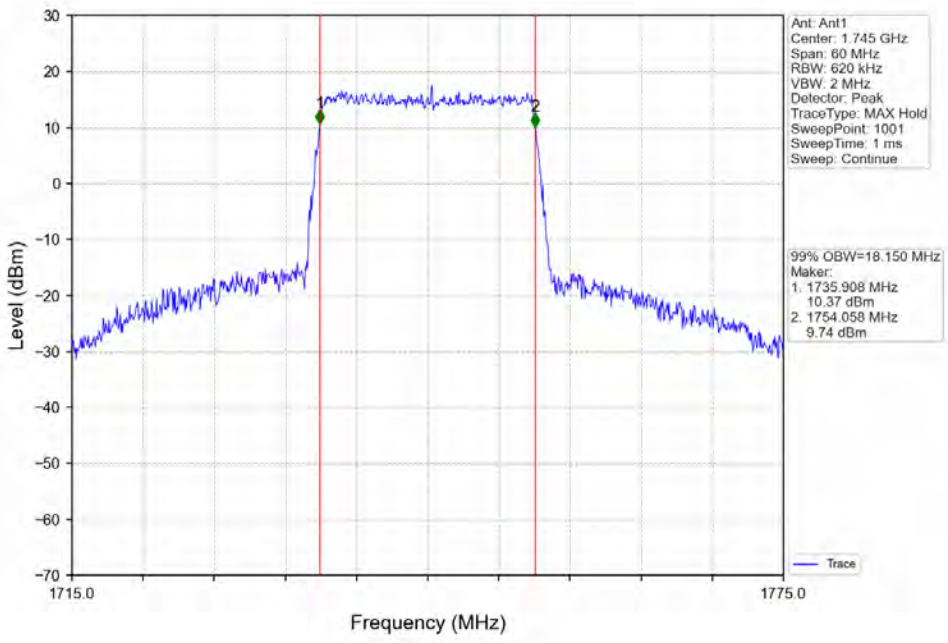
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



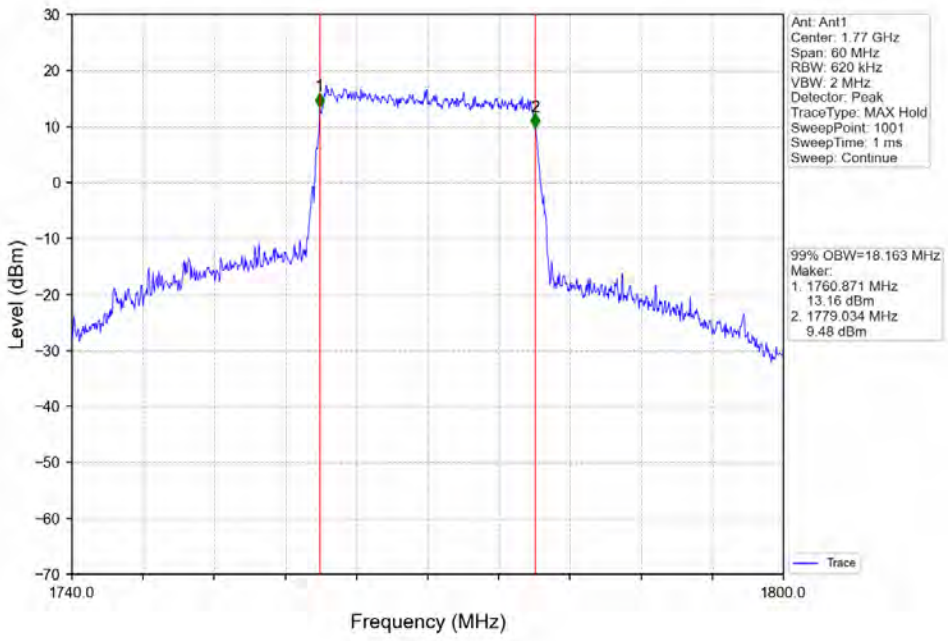
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



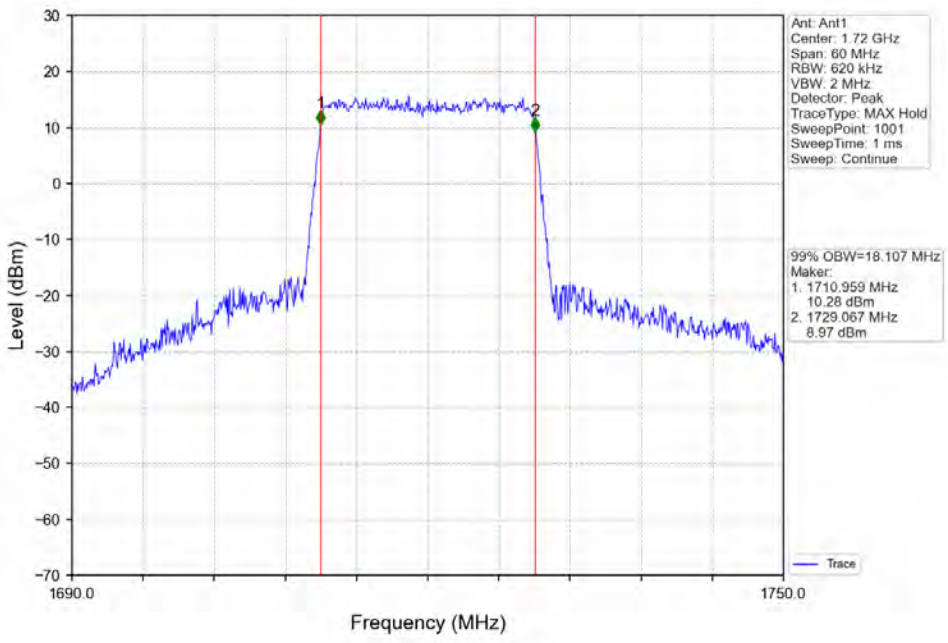
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



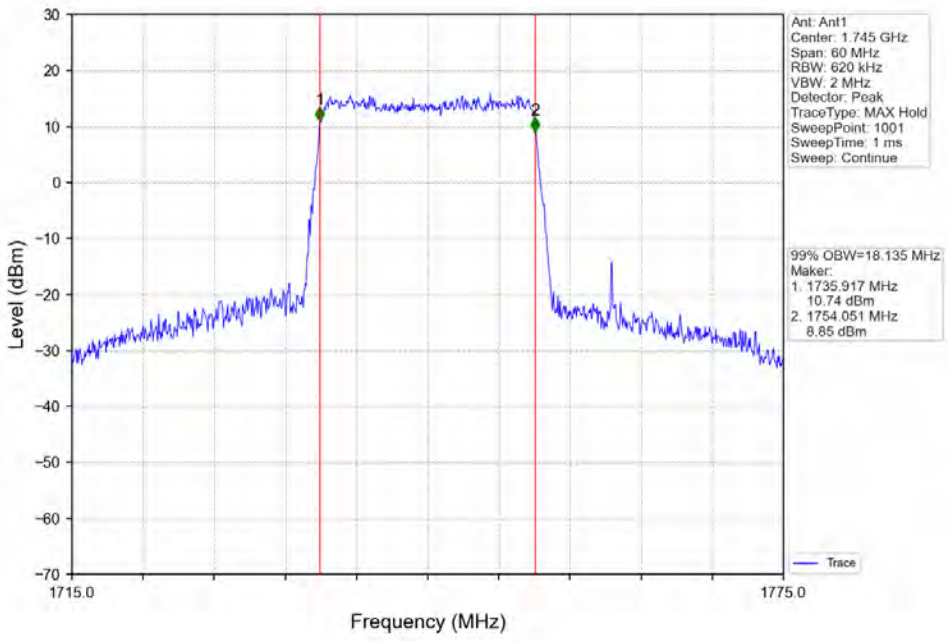
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



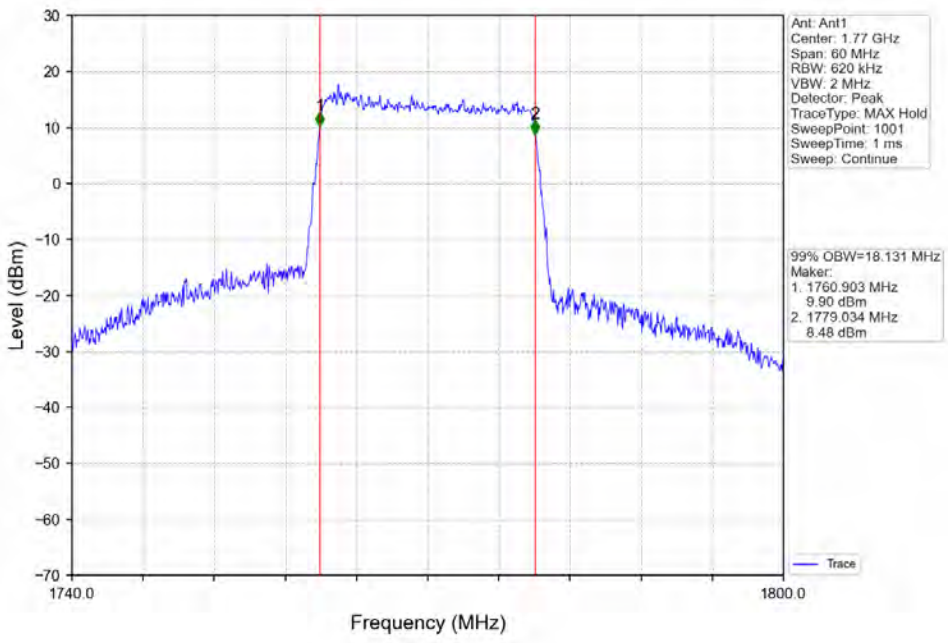
Band66_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV

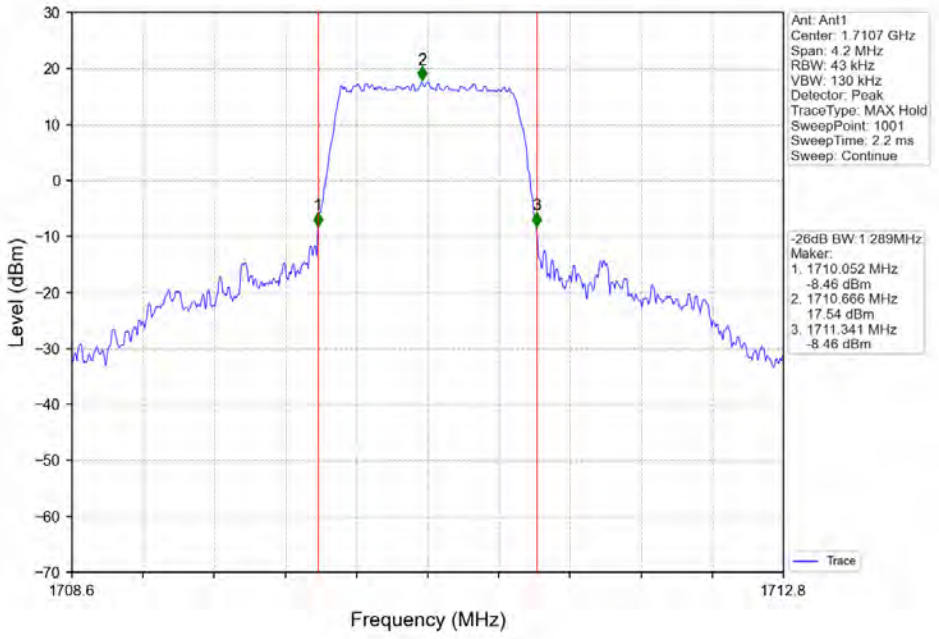


26DB_OBW TEST RESULT

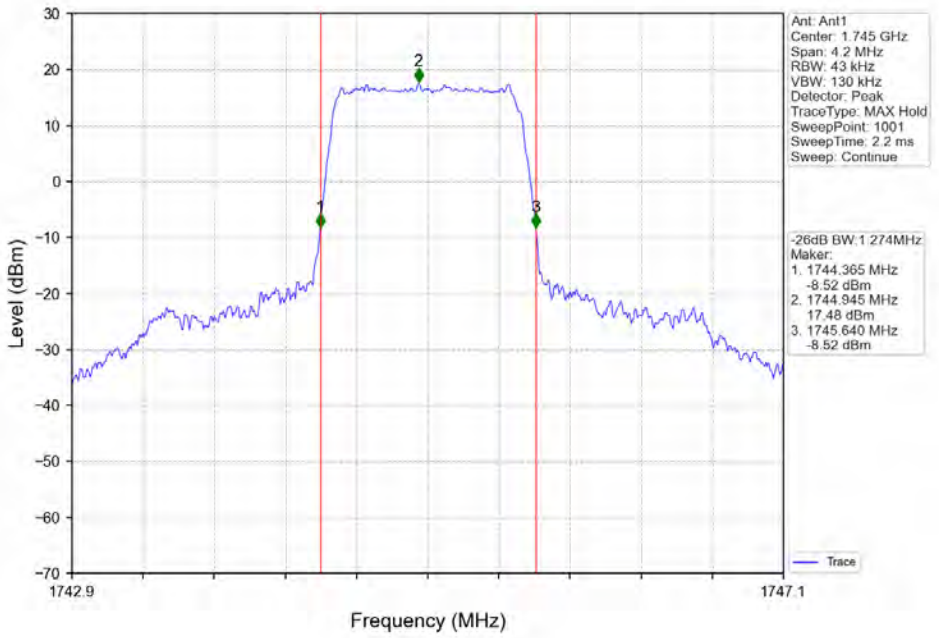
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.289	Pass
		1745	6	0	1.274	Pass
		1779.3	6	0	1.277	Pass
	16QAM	1710.7	6	0	1.271	Pass
		1745	6	0	1.278	Pass
		1779.3	6	0	1.292	Pass
	64QAM	1710.7	6	0	1.275	Pass
		1745	6	0	1.267	Pass
		1779.3	6	0	1.273	Pass
3	QPSK	1711.5	15	0	3.119	Pass
		1745	15	0	3.067	Pass
		1778.5	15	0	3.101	Pass
	16QAM	1711.5	15	0	3.102	Pass
		1745	15	0	3.098	Pass
		1778.5	15	0	3.118	Pass
	64QAM	1711.5	15	0	3.120	Pass
		1745	15	0	3.076	Pass
		1778.5	15	0	3.138	Pass
5	QPSK	1712.5	25	0	5.047	Pass
		1745	25	0	5.052	Pass
		1777.5	25	0	5.056	Pass
	16QAM	1712.5	25	0	5.078	Pass
		1745	25	0	5.052	Pass
		1777.5	25	0	5.072	Pass
	64QAM	1712.5	25	0	5.069	Pass
		1745	25	0	5.049	Pass
		1777.5	25	0	5.058	Pass
10	QPSK	1715	50	0	10.021	Pass
		1745	50	0	9.975	Pass
		1775	50	0	10.089	Pass
	16QAM	1715	50	0	10.095	Pass
		1745	50	0	9.981	Pass
		1775	50	0	10.074	Pass
	64QAM	1715	50	0	10.133	Pass
		1745	50	0	9.966	Pass
		1775	50	0	10.031	Pass
15	QPSK	1717.5	75	0	15.220	Pass
		1745	75	0	15.119	Pass
		1772.5	75	0	15.141	Pass
	16QAM	1717.5	75	0	15.098	Pass
		1745	75	0	15.053	Pass
		1772.5	75	0	15.217	Pass
	64QAM	1717.5	75	0	15.288	Pass
		1745	75	0	15.242	Pass
		1772.5	75	0	15.159	Pass
20	QPSK	1720	100	0	19.892	Pass
		1745	100	0	20.081	Pass
		1770	100	0	20.090	Pass
	16QAM	1720	100	0	20.048	Pass
		1745	100	0	20.021	Pass
		1770	100	0	20.081	Pass
	64QAM	1720	100	0	20.095	Pass
		1745	100	0	20.105	Pass
		1770	100	0	20.060	Pass

TEST GRAPH

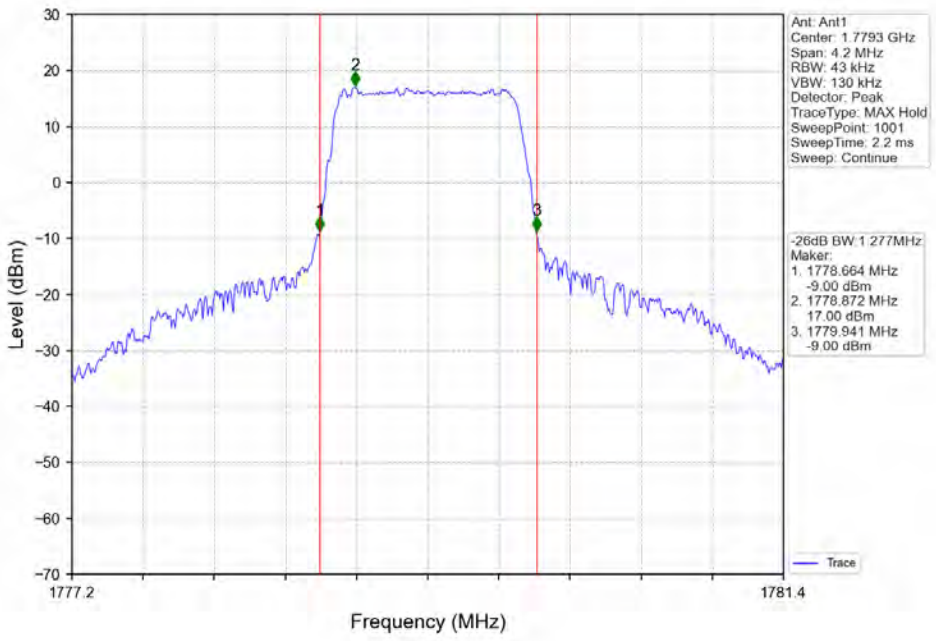
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



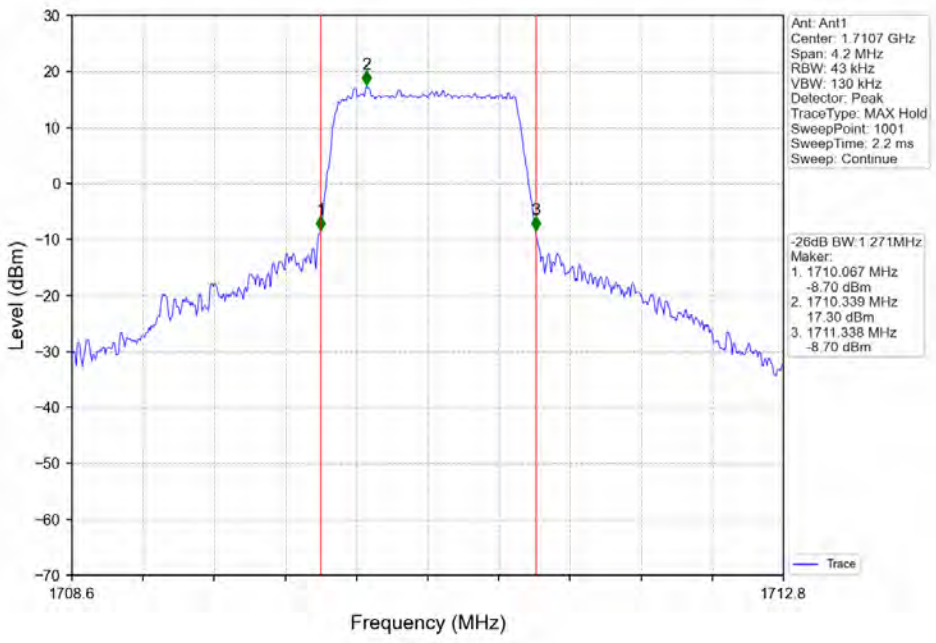
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



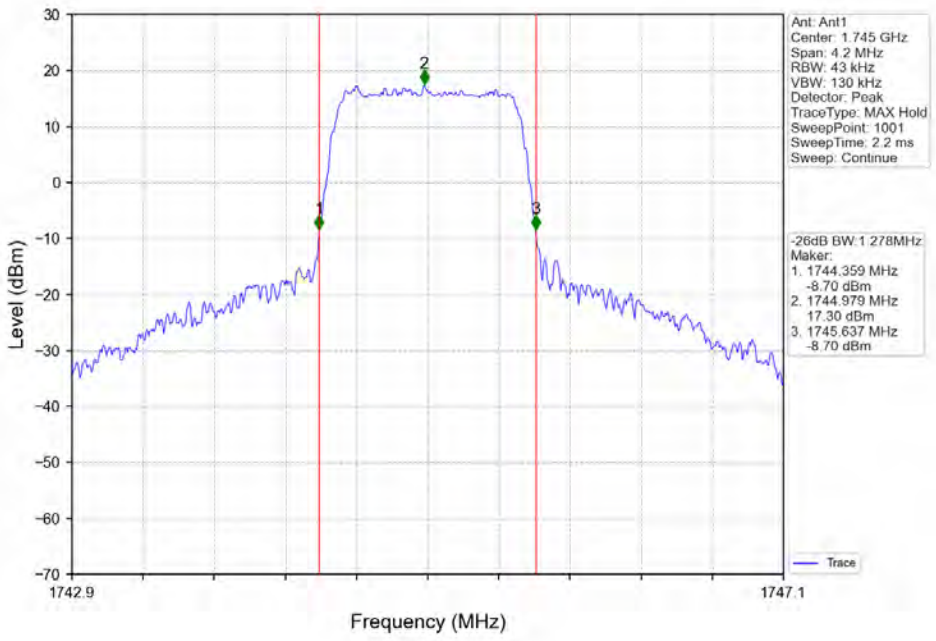
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



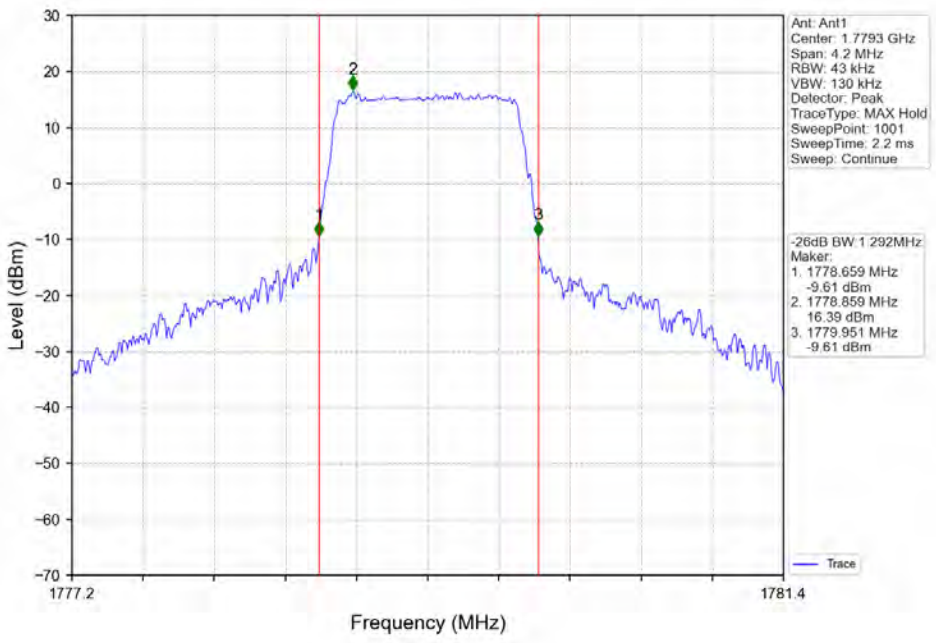
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



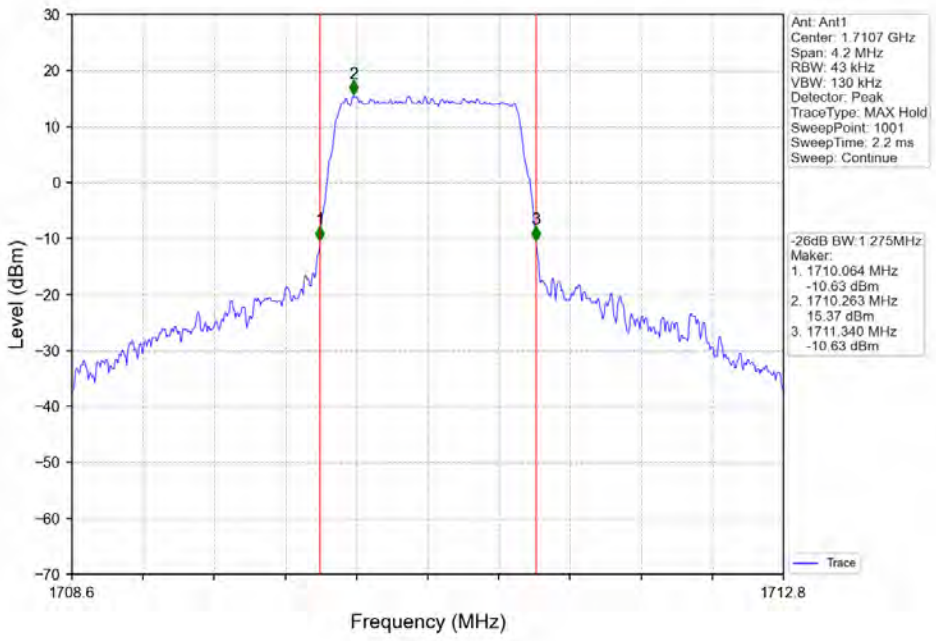
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



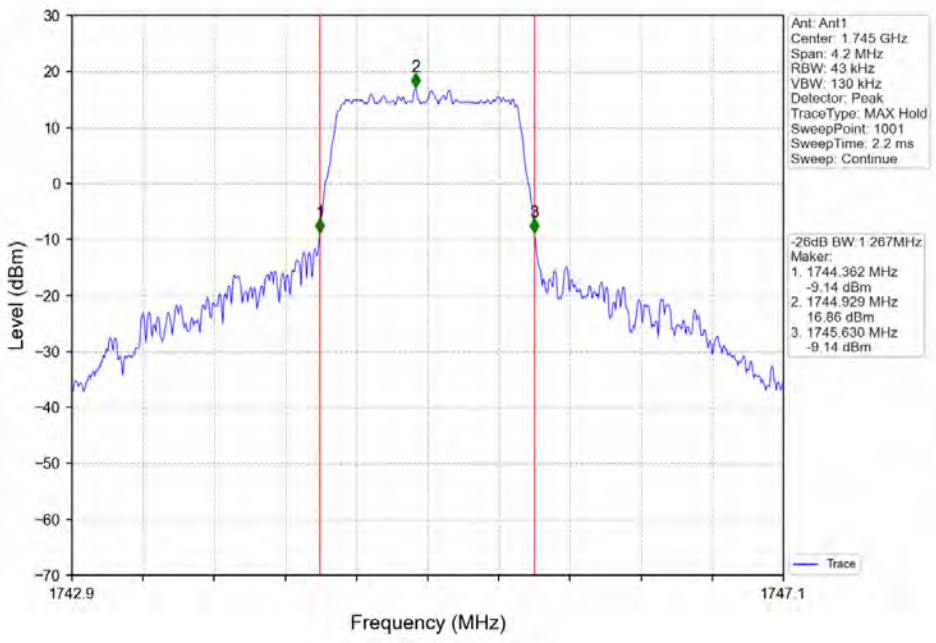
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



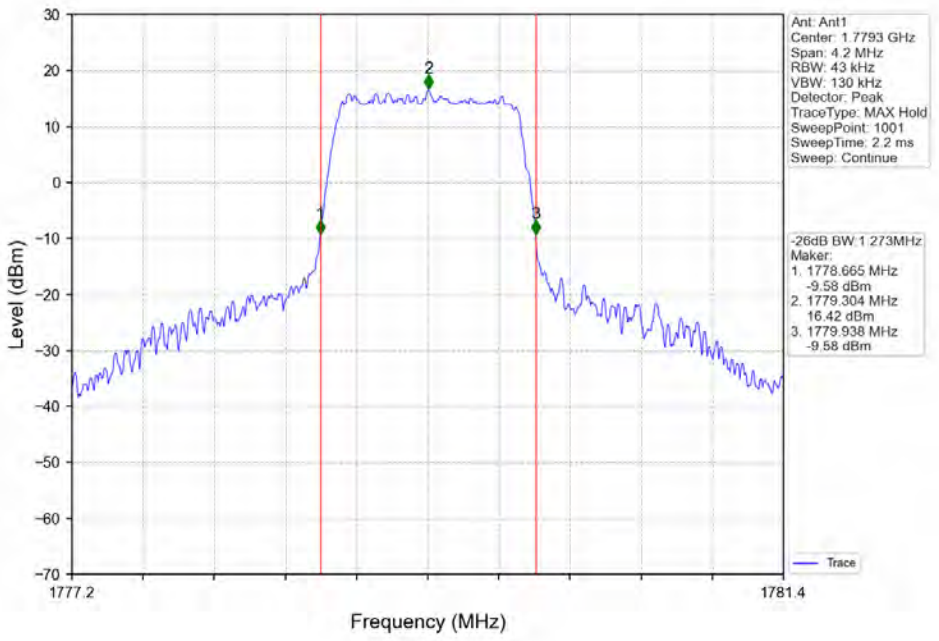
Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



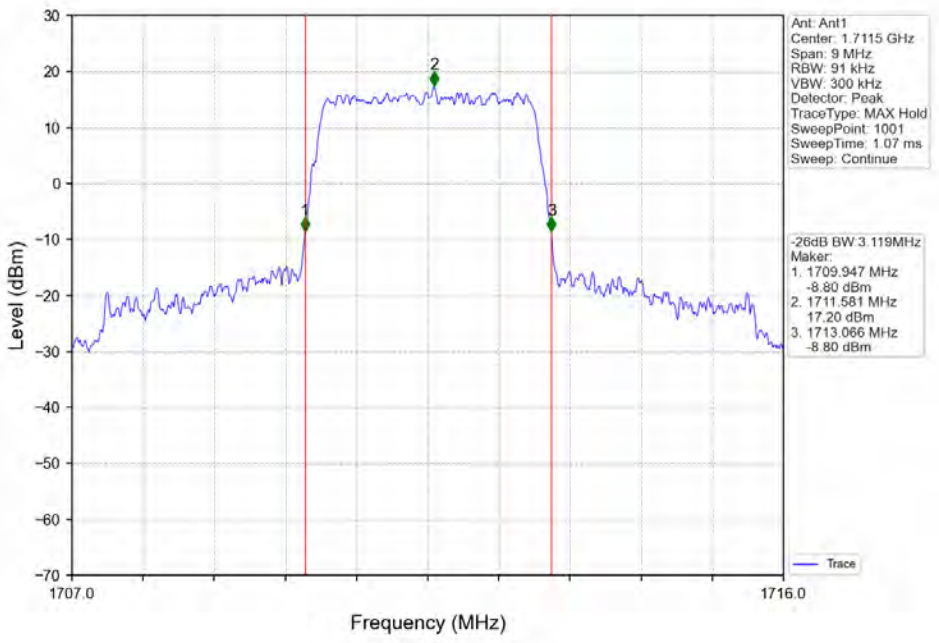
Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



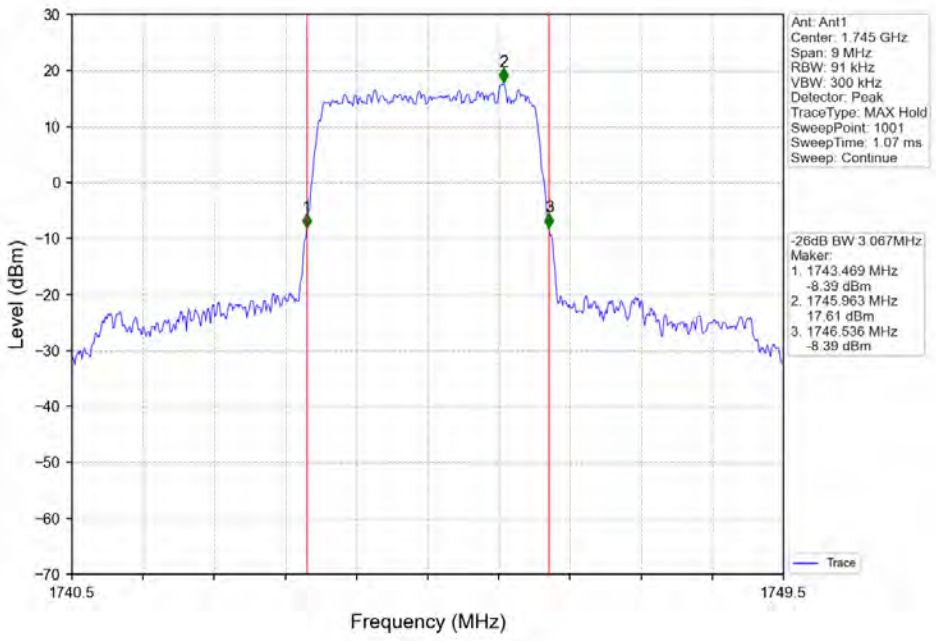
Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



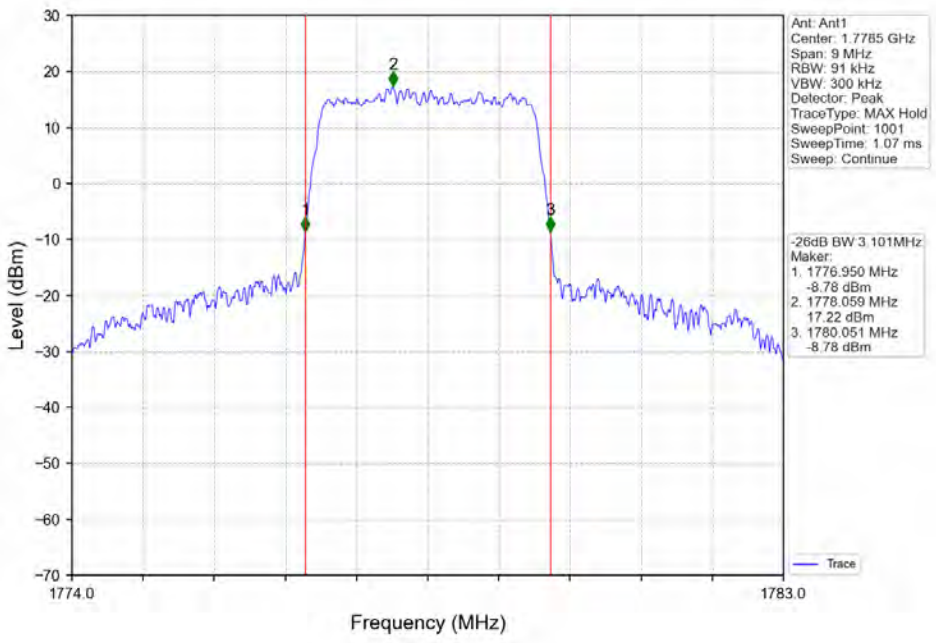
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



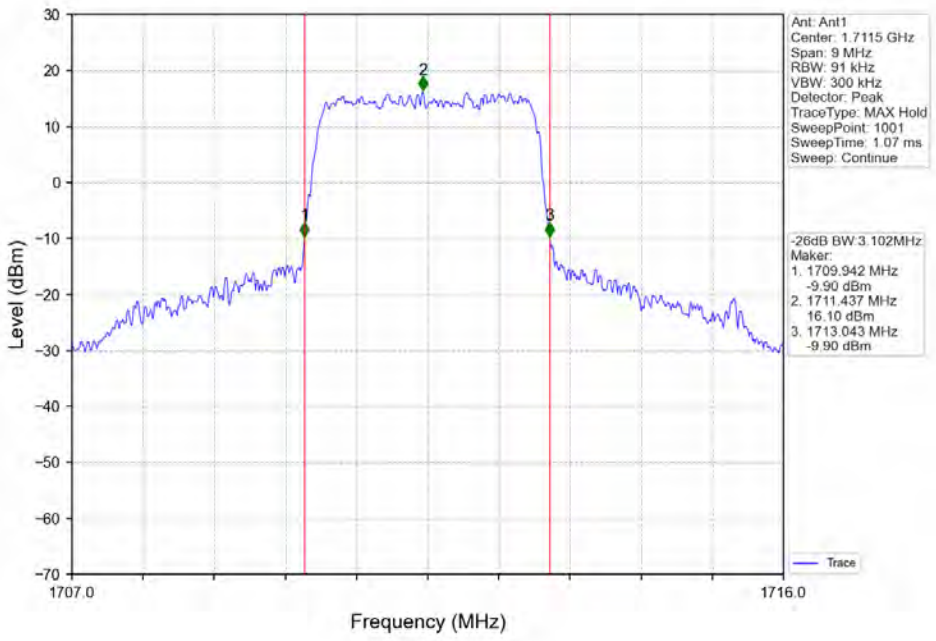
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



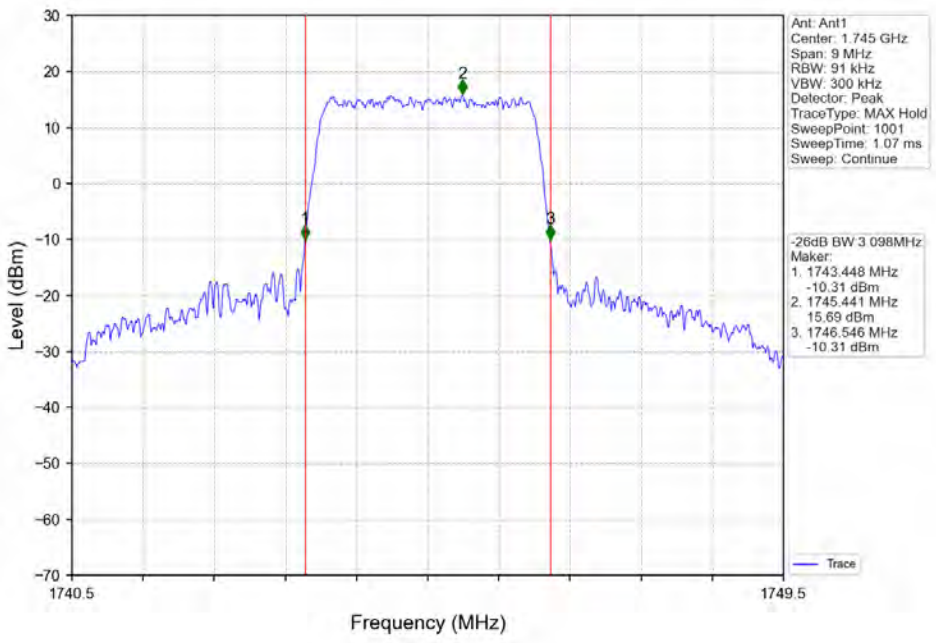
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



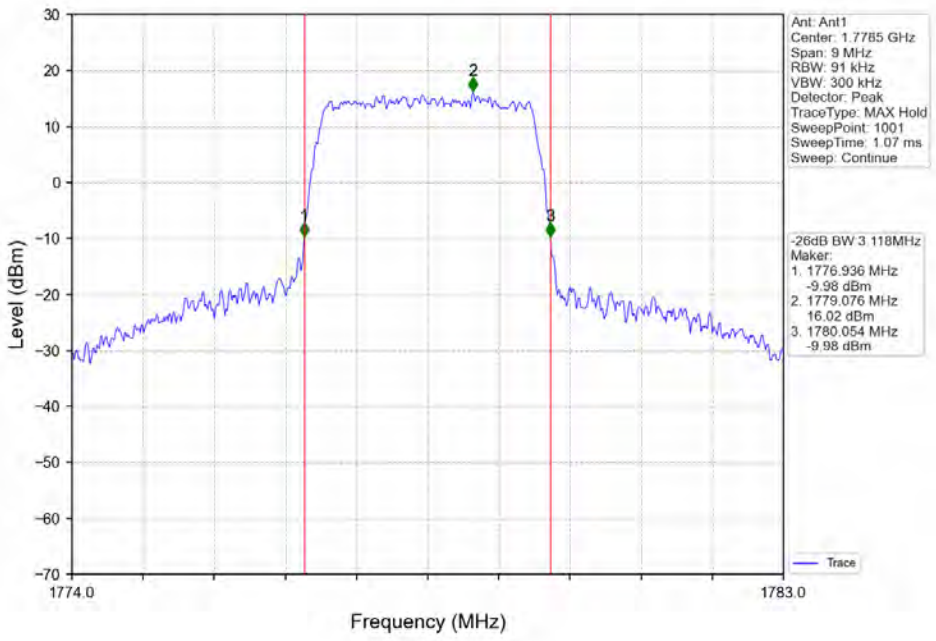
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



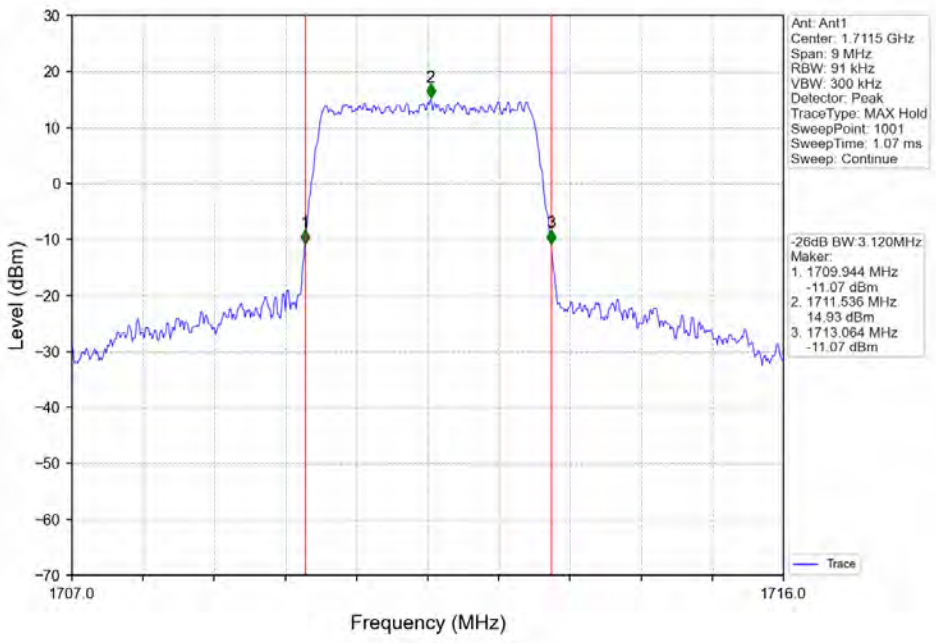
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



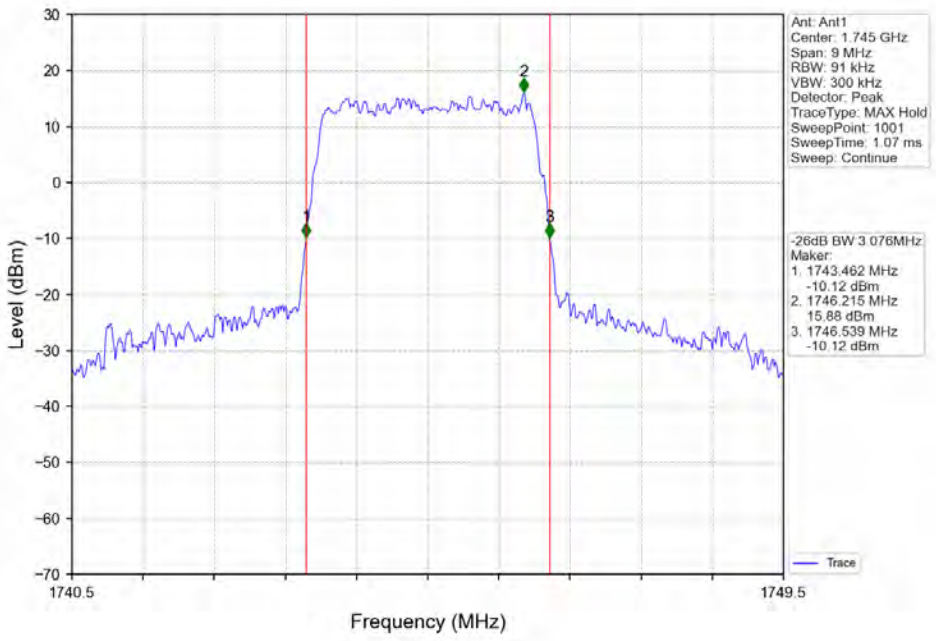
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



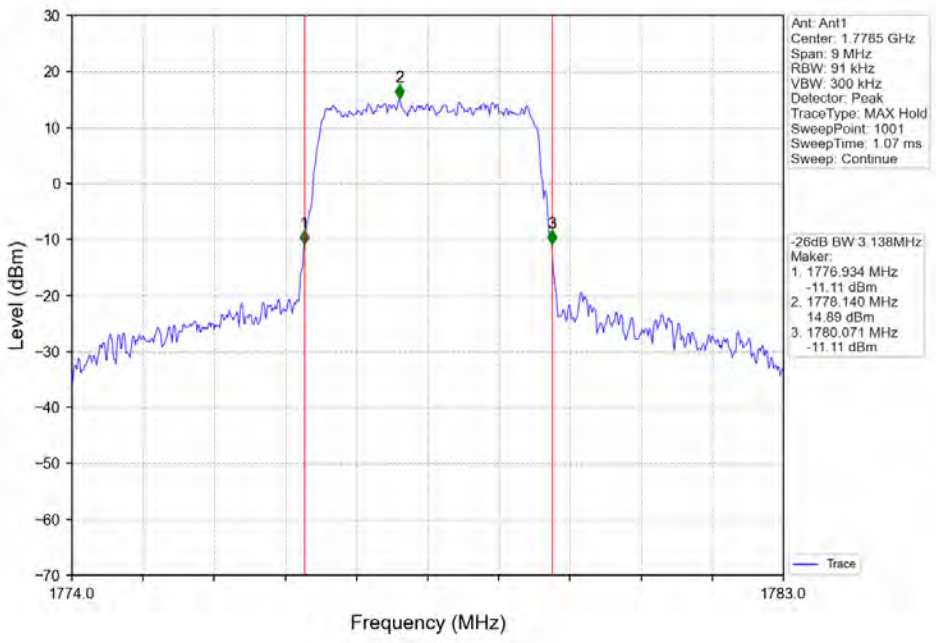
Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



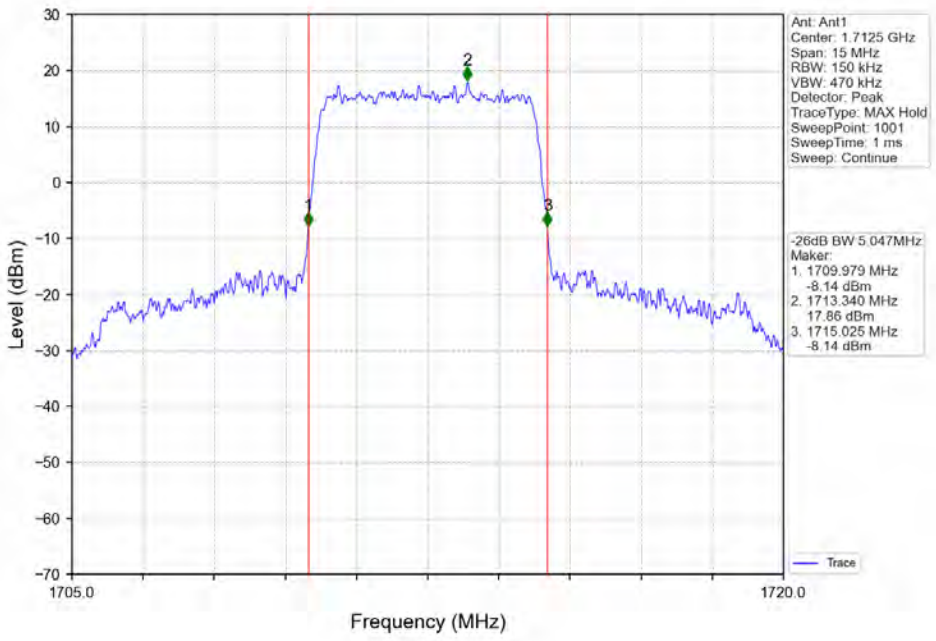
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



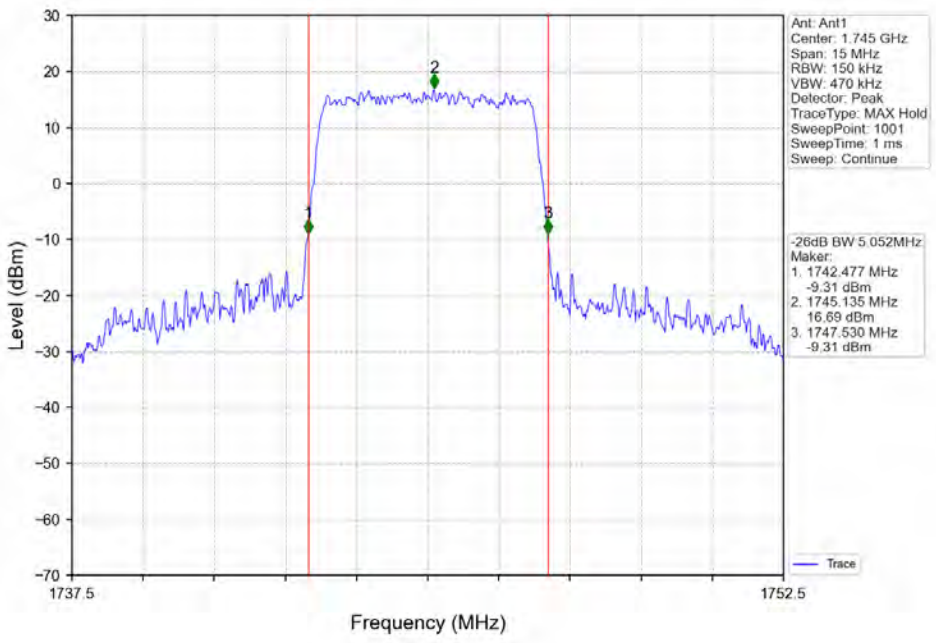
Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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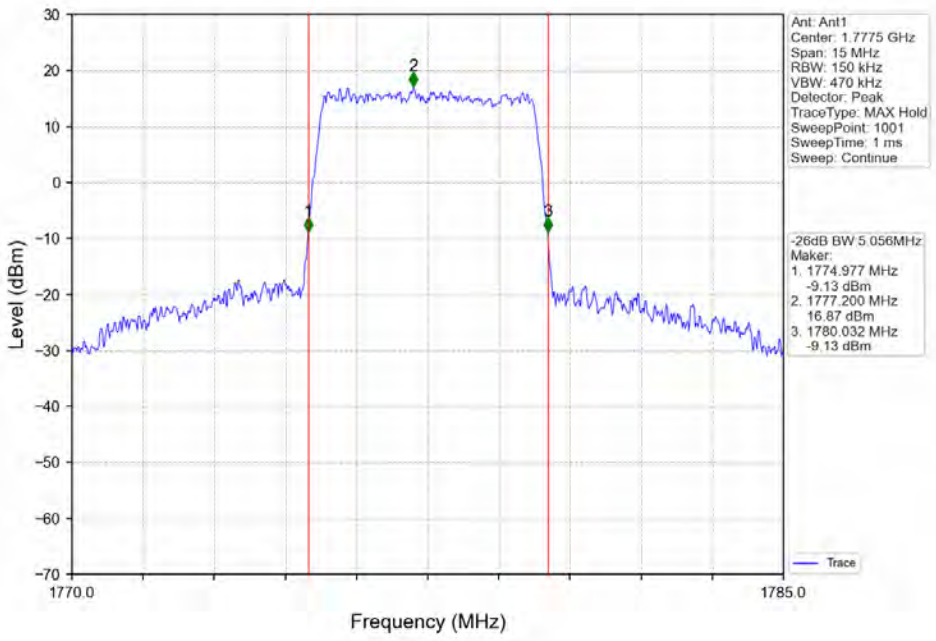
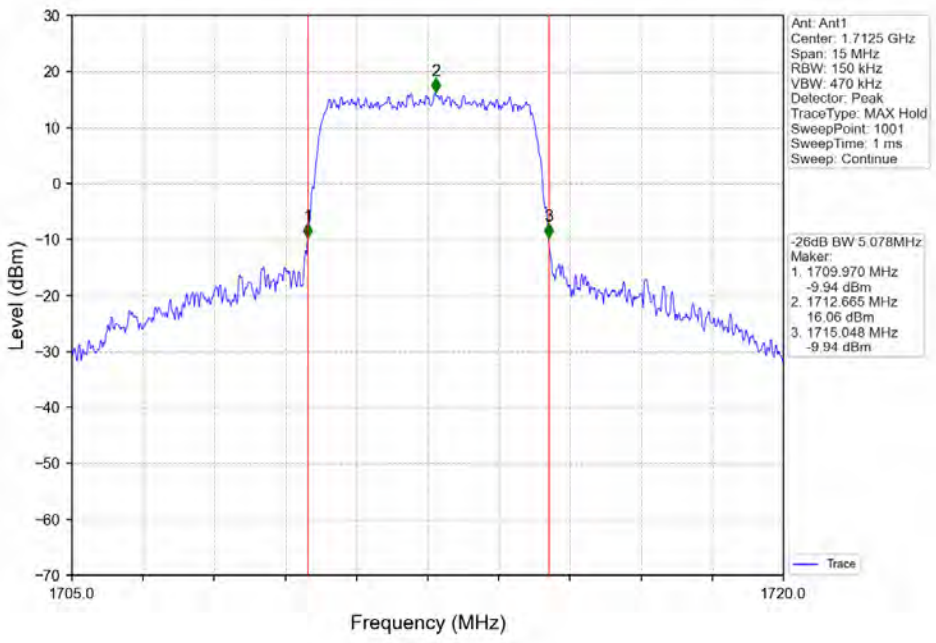
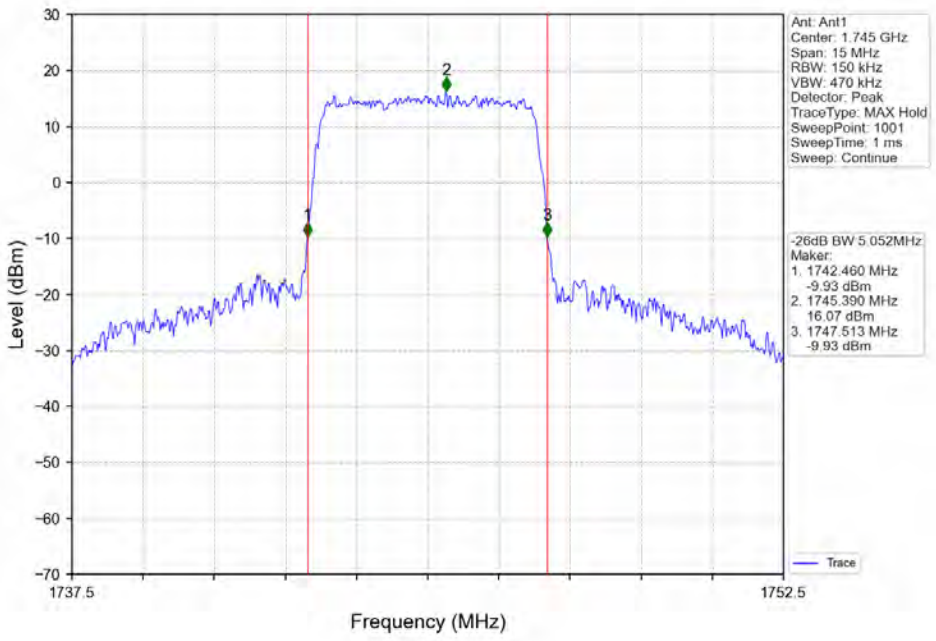


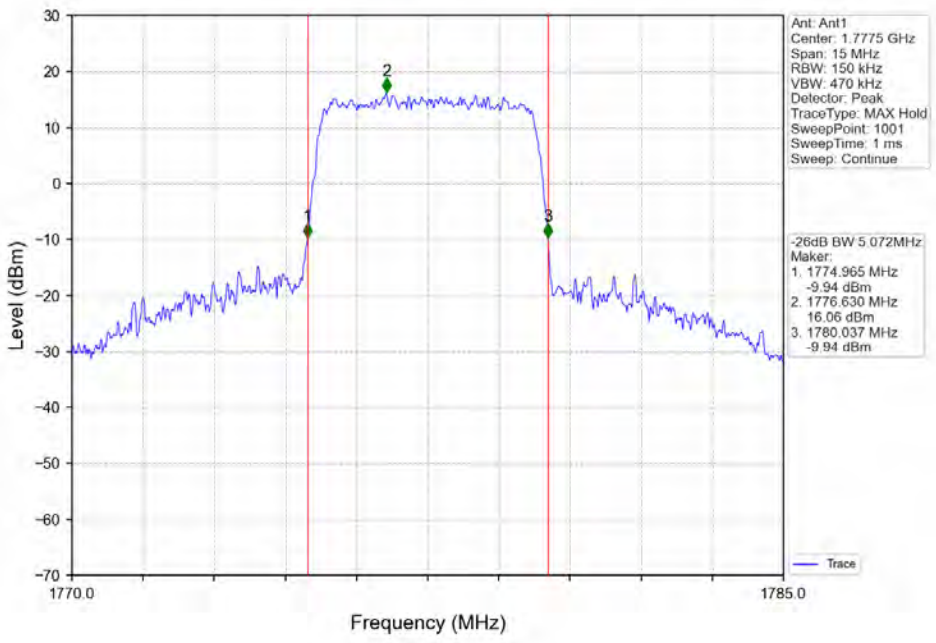
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



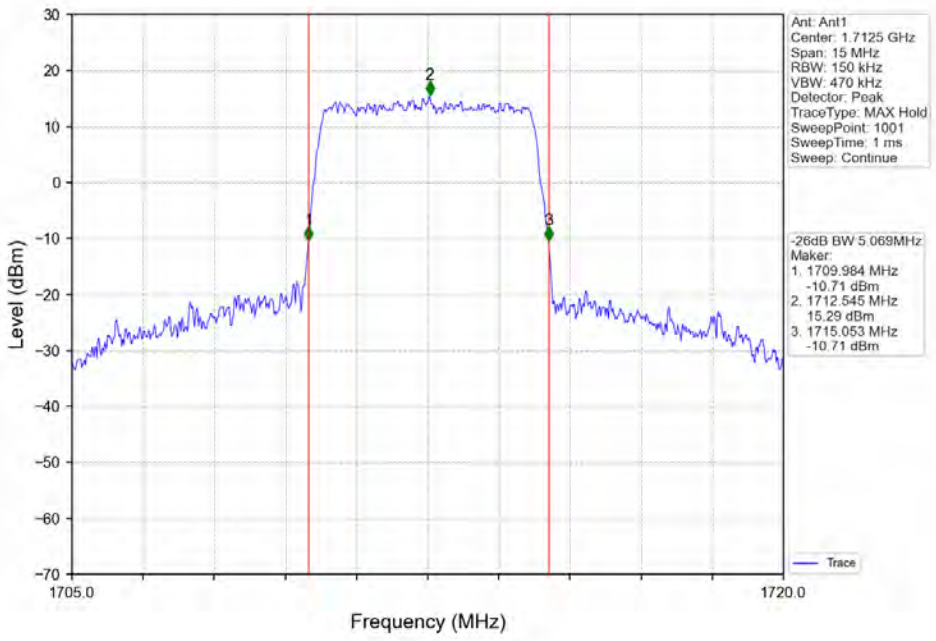
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



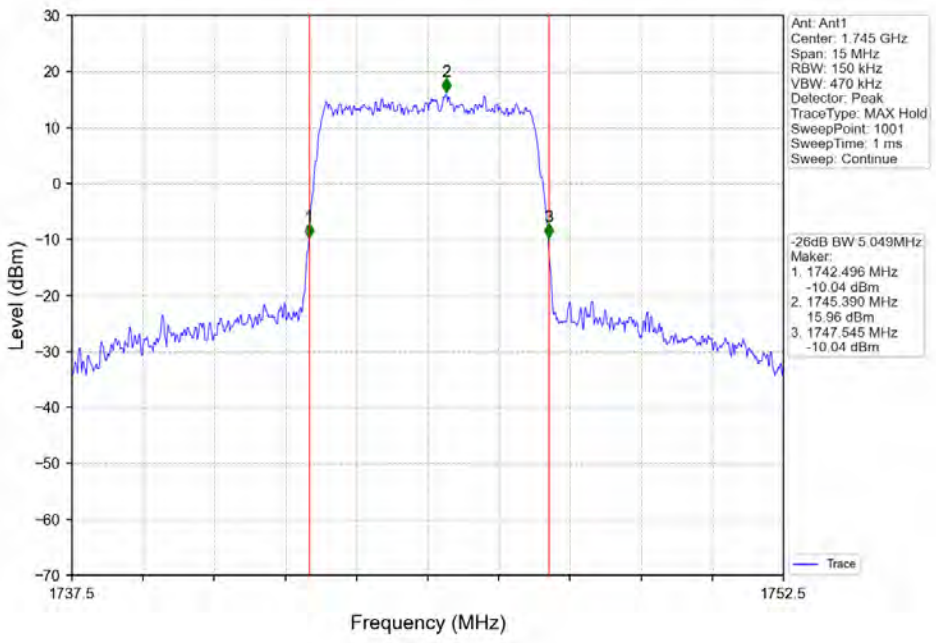
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



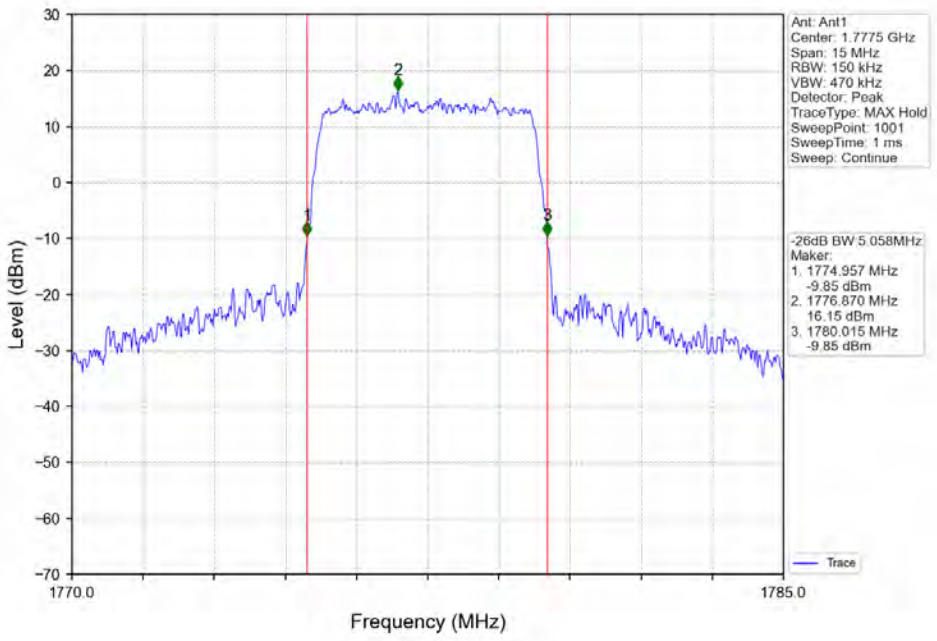
Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



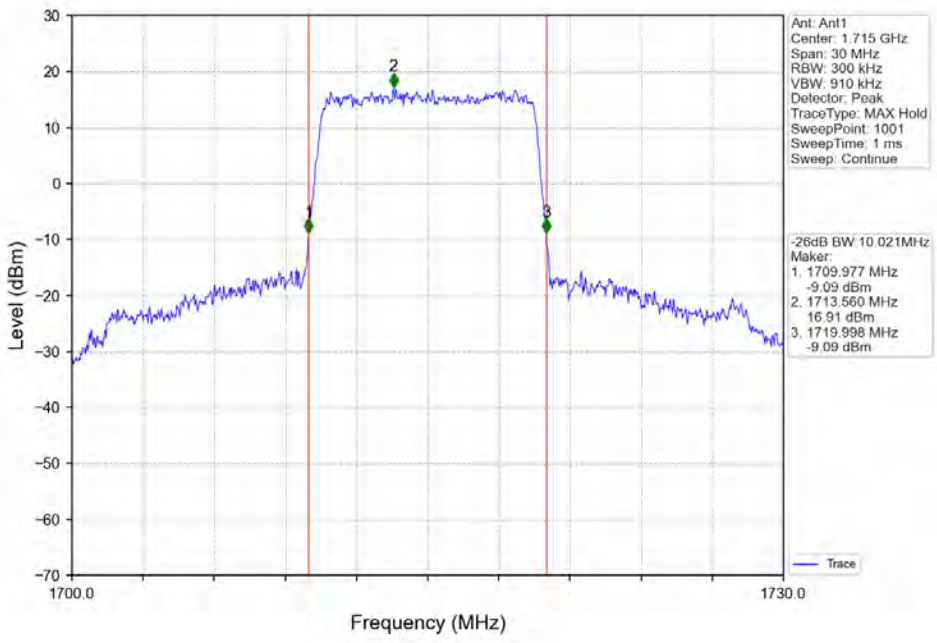
Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



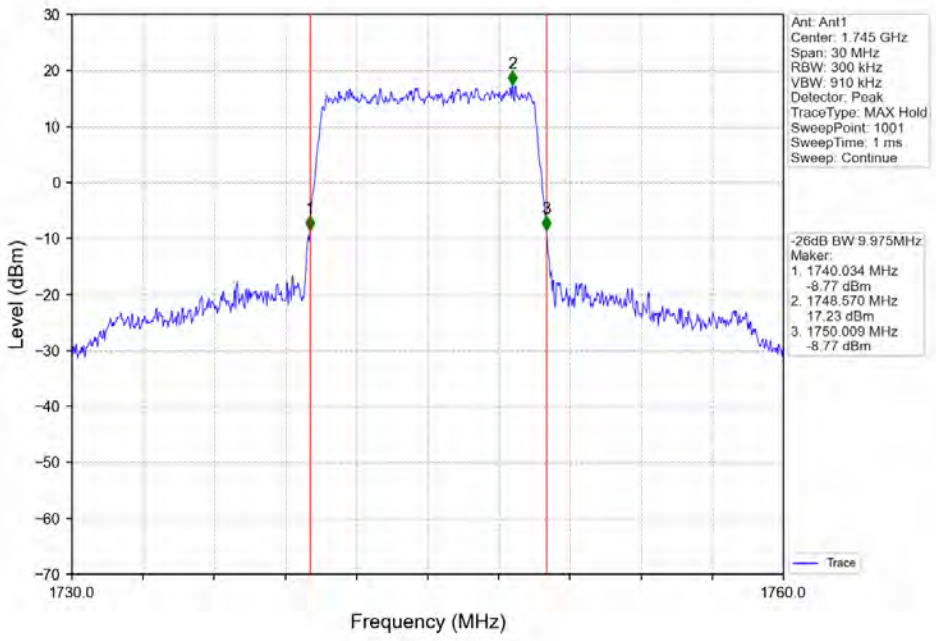
Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



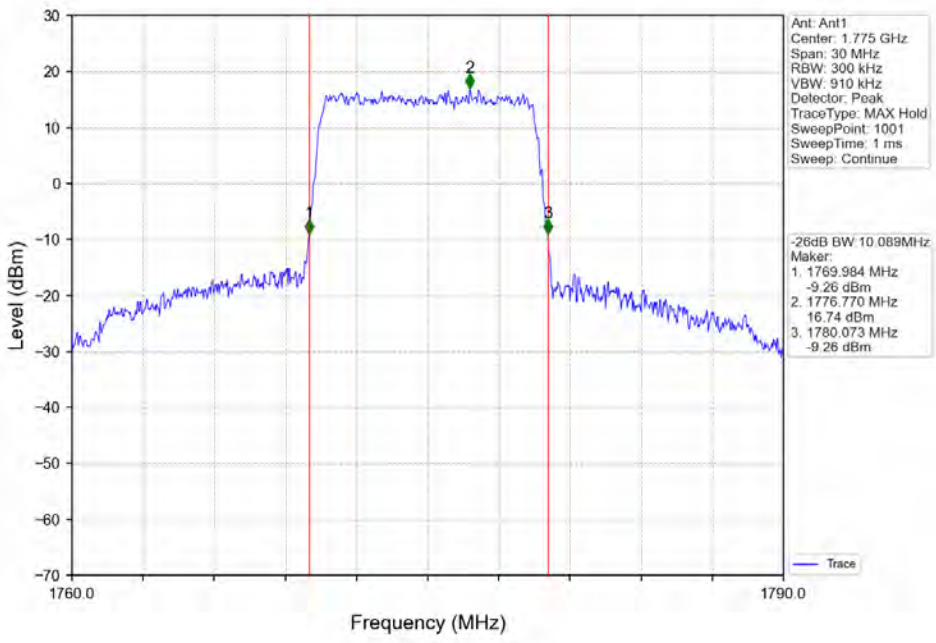
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



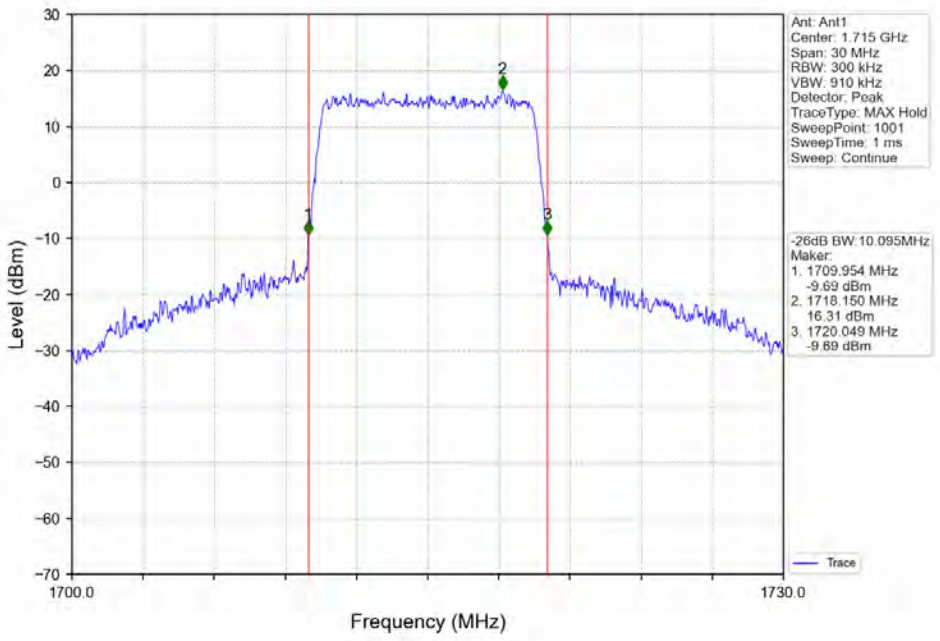
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



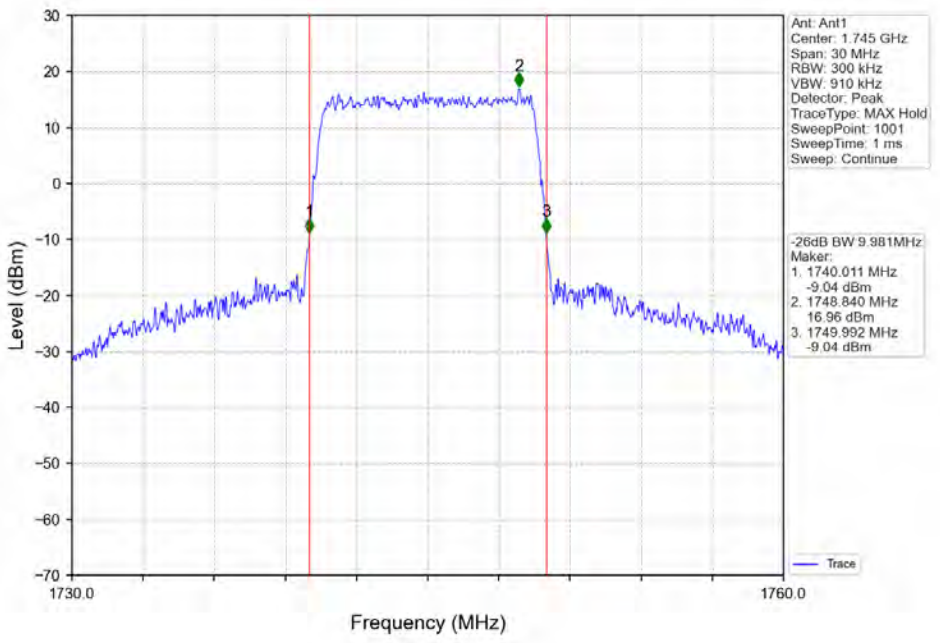
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



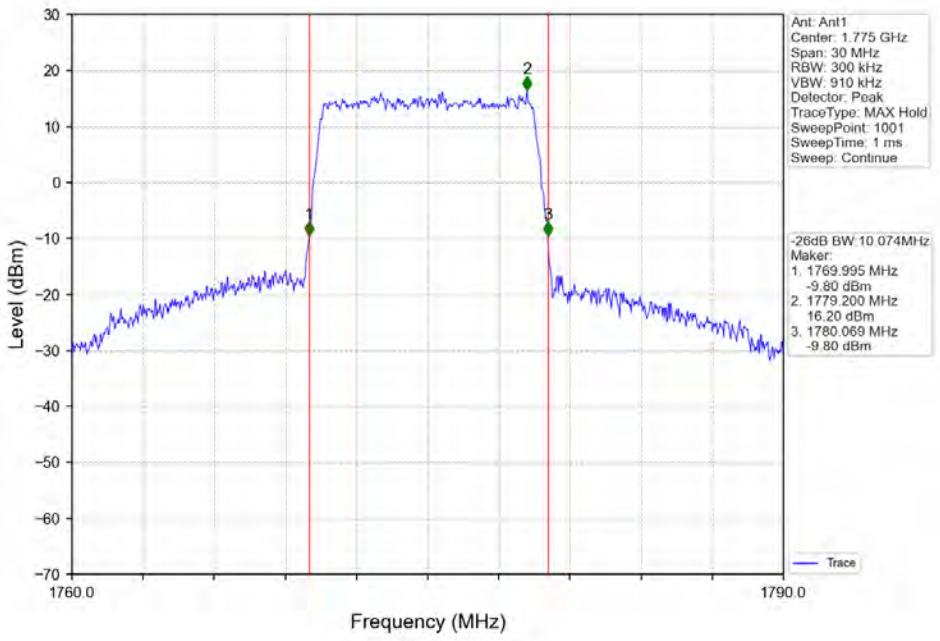
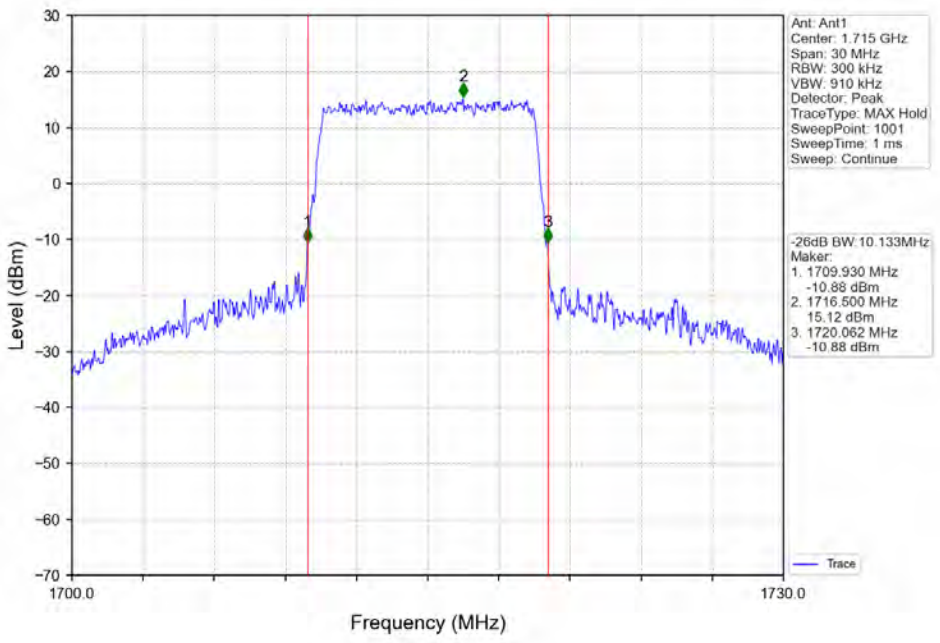
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV