

				-10	13.7	1.70	0.00	-2.5 to 2.5	Pass
				0	13.7	1.49	0.00	-2.5 to 2.5	Pass
				10	13.7	1.86	0.00	-2.5 to 2.5	Pass
				30	13.7	1.97	0.00	-2.5 to 2.5	Pass
				40	13.7	1.29	0.00	-2.5 to 2.5	Pass
				50	13.7	0.84	0.00	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	11.64	0.97	0.00	-2.5 to 2.5	Pass
					13.70	0.83	0.00	-2.5 to 2.5	Pass
					15.75	0.21	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.66	0.00	-2.5 to 2.5	Pass
				0	13.7	0.23	0.00	-2.5 to 2.5	Pass
				10	13.7	1.39	0.00	-2.5 to 2.5	Pass
				30	13.7	1.07	0.00	-2.5 to 2.5	Pass
				40	13.7	1.13	0.00	-2.5 to 2.5	Pass
				50	13.7	0.64	0.00	-2.5 to 2.5	Pass
	1745	75	0	20	11.64	-2.29	-0.00	-2.5 to 2.5	Pass
					13.70	-2.46	-0.00	-2.5 to 2.5	Pass
					15.75	-3.81	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-3.02	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.03	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.67	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.43	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.67	-0.00	-2.5 to 2.5	Pass
				50	13.7	-3.45	-0.00	-2.5 to 2.5	Pass
	1772.5	75	0	20	11.64	1.83	0.00	-2.5 to 2.5	Pass
					13.70	2.10	0.00	-2.5 to 2.5	Pass
					15.75	1.87	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.62	0.00	-2.5 to 2.5	Pass
				0	13.7	1.76	0.00	-2.5 to 2.5	Pass
				10	13.7	0.86	0.00	-2.5 to 2.5	Pass
30				13.7	1.17	0.00	-2.5 to 2.5	Pass	
40				13.7	2.42	0.00	-2.5 to 2.5	Pass	
50	13.7	1.22	0.00	-2.5 to 2.5	Pass				
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	11.64	1.23	0.00	-2.5 to 2.5	Pass
					13.70	2.56	0.00	-2.5 to 2.5	Pass
					15.75	1.47	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.65	0.00	-2.5 to 2.5	Pass
				0	13.7	0.93	0.00	-2.5 to 2.5	Pass
				10	13.7	1.46	0.00	-2.5 to 2.5	Pass
				30	13.7	2.93	0.00	-2.5 to 2.5	Pass
				40	13.7	1.83	0.00	-2.5 to 2.5	Pass
				50	13.7	1.93	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	11.64	-3.10	-0.00	-2.5 to 2.5	Pass
					13.70	-2.23	-0.00	-2.5 to 2.5	Pass
					15.75	-1.86	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.26	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.73	-0.00	-2.5 to 2.5	Pass
				10	13.7	-3.22	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.80	-0.00	-2.5 to 2.5	Pass
40	13.7	-2.65	-0.00	-2.5 to 2.5	Pass				

16QAM	1770	100	0	50	13.7	-2.60	-0.00	-2.5 to 2.5	Pass
				20	11.64	-1.07	-0.00	-2.5 to 2.5	Pass
					13.70	0.14	0.00	-2.5 to 2.5	Pass
					15.75	1.06	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.64	0.00	-2.5 to 2.5	Pass
				0	13.7	0.67	0.00	-2.5 to 2.5	Pass
				10	13.7	0.19	0.00	-2.5 to 2.5	Pass
				30	13.7	0.32	0.00	-2.5 to 2.5	Pass
				40	13.7	0.83	0.00	-2.5 to 2.5	Pass
				50	13.7	0.99	0.00	-2.5 to 2.5	Pass
	1720	100	0	20	11.64	2.40	0.00	-2.5 to 2.5	Pass
					13.70	1.17	0.00	-2.5 to 2.5	Pass
					15.75	1.76	0.00	-2.5 to 2.5	Pass
				-10	13.7	2.29	0.00	-2.5 to 2.5	Pass
				0	13.7	2.03	0.00	-2.5 to 2.5	Pass
				10	13.7	2.93	0.00	-2.5 to 2.5	Pass
				30	13.7	1.95	0.00	-2.5 to 2.5	Pass
				40	13.7	2.48	0.00	-2.5 to 2.5	Pass
				50	13.7	1.99	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	11.64	-3.32	-0.00	-2.5 to 2.5	Pass
					13.70	-2.96	-0.00	-2.5 to 2.5	Pass
					15.75	-2.25	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.84	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.23	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.92	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.72	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.00	-0.00	-2.5 to 2.5	Pass
				50	13.7	-3.16	-0.00	-2.5 to 2.5	Pass
	1770	100	0	20	11.64	1.84	0.00	-2.5 to 2.5	Pass
					13.70	0.16	0.00	-2.5 to 2.5	Pass
					15.75	1.49	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.92	0.00	-2.5 to 2.5	Pass
				0	13.7	2.13	0.00	-2.5 to 2.5	Pass
				10	13.7	0.59	0.00	-2.5 to 2.5	Pass
				30	13.7	2.19	0.00	-2.5 to 2.5	Pass
				40	13.7	1.66	0.00	-2.5 to 2.5	Pass
				50	13.7	2.25	0.00	-2.5 to 2.5	Pass

LTE Band71

Test Result

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	11.64	-1.72	-0.00	-2.5 to 2.5	Pass
					13.70	-2.09	-0.00	-2.5 to 2.5	Pass
					15.75	-2.02	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.35	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.40	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.53	-0.00	-2.5 to 2.5	Pass

	680.5	25	0	30	13.7	-2.32	-0.00	-2.5 to 2.5	Pass			
				40	13.7	-2.27	-0.00	-2.5 to 2.5	Pass			
				50	13.7	-1.32	-0.00	-2.5 to 2.5	Pass			
				20	11.64	-2.49	-0.00	-2.5 to 2.5	Pass			
					13.70	-2.36	-0.00	-2.5 to 2.5	Pass			
					15.75	-2.65	-0.00	-2.5 to 2.5	Pass			
				-10	13.7	-2.15	-0.00	-2.5 to 2.5	Pass			
				0	13.7	-1.83	-0.00	-2.5 to 2.5	Pass			
				10	13.7	-2.70	-0.00	-2.5 to 2.5	Pass			
				30	13.7	-2.32	-0.00	-2.5 to 2.5	Pass			
				40	13.7	-2.35	-0.00	-2.5 to 2.5	Pass			
				50	13.7	-2.16	-0.00	-2.5 to 2.5	Pass			
	695.5	25	0	20	11.64	-3.02	-0.00	-2.5 to 2.5	Pass			
					13.70	-2.26	-0.00	-2.5 to 2.5	Pass			
					15.75	-1.37	-0.00	-2.5 to 2.5	Pass			
				-10	13.7	-2.25	-0.00	-2.5 to 2.5	Pass			
				0	13.7	-1.80	-0.00	-2.5 to 2.5	Pass			
				10	13.7	-1.84	-0.00	-2.5 to 2.5	Pass			
				30	13.7	-1.82	-0.00	-2.5 to 2.5	Pass			
				40	13.7	-1.97	-0.00	-2.5 to 2.5	Pass			
50	13.7	-2.17	-0.00	-2.5 to 2.5	Pass							
16QAM	665.5	25	0	20	11.64	-2.25	-0.00	-2.5 to 2.5	Pass			
					13.70	-2.26	-0.00	-2.5 to 2.5	Pass			
					15.75	-2.06	-0.00	-2.5 to 2.5	Pass			
				-10	13.7	-1.32	-0.00	-2.5 to 2.5	Pass			
				0	13.7	-2.52	-0.00	-2.5 to 2.5	Pass			
				10	13.7	-1.92	-0.00	-2.5 to 2.5	Pass			
				30	13.7	-2.22	-0.00	-2.5 to 2.5	Pass			
				40	13.7	-1.66	-0.00	-2.5 to 2.5	Pass			
				50	13.7	-2.48	-0.00	-2.5 to 2.5	Pass			
				680.5	25	0	20	11.64	-1.95	-0.00	-2.5 to 2.5	Pass
								13.70	-1.62	-0.00	-2.5 to 2.5	Pass
								15.75	-1.90	-0.00	-2.5 to 2.5	Pass
	-10	13.7	-1.66				-0.00	-2.5 to 2.5	Pass			
	0	13.7	-1.52				-0.00	-2.5 to 2.5	Pass			
	10	13.7	-0.94				-0.00	-2.5 to 2.5	Pass			
	30	13.7	-1.86				-0.00	-2.5 to 2.5	Pass			
	40	13.7	-2.09				-0.00	-2.5 to 2.5	Pass			
	50	13.7	-1.45				-0.00	-2.5 to 2.5	Pass			
	695.5	25	0				20	11.64	-1.34	-0.00	-2.5 to 2.5	Pass
				13.70	-2.26	-0.00		-2.5 to 2.5	Pass			
				15.75	-1.99	-0.00		-2.5 to 2.5	Pass			
				-10	13.7	-1.84	-0.00	-2.5 to 2.5	Pass			
				0	13.7	-2.35	-0.00	-2.5 to 2.5	Pass			
				10	13.7	-2.65	-0.00	-2.5 to 2.5	Pass			
				30	13.7	-2.10	-0.00	-2.5 to 2.5	Pass			
				40	13.7	-1.33	-0.00	-2.5 to 2.5	Pass			
	50	13.7	-2.69	-0.00	-2.5 to 2.5	Pass						
	Band: 71 / Bandwidth: 10MHz											
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
QPSK	668	50	0	20	11.64	-2.00	-0.00	-2.5 to 2.5	Pass			
					13.70	-1.45	-0.00	-2.5 to 2.5	Pass			

16QAM					15.75	-0.92	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.49	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.60	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.72	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.12	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.62	-0.00	-2.5 to 2.5	Pass
	680.5	50	0	50	13.7	-1.95	-0.00	-2.5 to 2.5	Pass
				20	11.64	-1.25	-0.00	-2.5 to 2.5	Pass
					13.70	-1.67	-0.00	-2.5 to 2.5	Pass
					15.75	-0.66	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.89	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.10	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.27	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.93	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.92	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.62	-0.00	-2.5 to 2.5	Pass
	693	50	0	20	11.64	-1.76	-0.00	-2.5 to 2.5	Pass
					13.70	-2.06	-0.00	-2.5 to 2.5	Pass
					15.75	-0.94	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.90	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.81	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.15	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.10	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.92	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.96	-0.00	-2.5 to 2.5	Pass
	668	50	0	20	11.64	-1.50	-0.00	-2.5 to 2.5	Pass
					13.70	-2.46	-0.00	-2.5 to 2.5	Pass
					15.75	-2.38	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.72	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.92	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.65	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.09	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.57	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.92	-0.00	-2.5 to 2.5	Pass
	680.5	50	0	20	11.64	-1.33	-0.00	-2.5 to 2.5	Pass
					13.70	-1.30	-0.00	-2.5 to 2.5	Pass
					15.75	-1.09	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.47	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.90	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.83	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.89	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.43	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.02	-0.00	-2.5 to 2.5	Pass
	693	50	0	20	11.64	-1.57	-0.00	-2.5 to 2.5	Pass
					13.70	-1.72	-0.00	-2.5 to 2.5	Pass
					15.75	-2.19	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.29	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.72	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.67	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.09	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.16	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.72	-0.00	-2.5 to 2.5	Pass

Band: 71 / Bandwidth: 15MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	11.64	-1.59	-0.00	-2.5 to 2.5	Pass
					13.70	-0.81	-0.00	-2.5 to 2.5	Pass
					15.75	-1.02	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.89	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.19	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.19	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.57	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.33	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.56	-0.00	-2.5 to 2.5	Pass
	680.5	75	0	20	11.64	-1.75	-0.00	-2.5 to 2.5	Pass
					13.70	-1.75	-0.00	-2.5 to 2.5	Pass
					15.75	-2.55	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.29	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.36	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.83	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.86	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.87	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.30	-0.00	-2.5 to 2.5	Pass
	690.5	75	0	20	11.64	-1.23	-0.00	-2.5 to 2.5	Pass
					13.70	-2.03	-0.00	-2.5 to 2.5	Pass
					15.75	-2.09	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.03	0.00	-2.5 to 2.5	Pass
				0	13.7	-2.07	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.17	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.66	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.70	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.22	-0.00	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	11.64	-1.79	-0.00	-2.5 to 2.5	Pass
					13.70	-0.73	-0.00	-2.5 to 2.5	Pass
					15.75	-1.03	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.33	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.32	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.42	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.42	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.30	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.30	-0.00	-2.5 to 2.5	Pass
	680.5	75	0	20	11.64	-1.37	-0.00	-2.5 to 2.5	Pass
					13.70	-1.63	-0.00	-2.5 to 2.5	Pass
					15.75	-1.56	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.59	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.92	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.06	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.07	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.37	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.52	-0.00	-2.5 to 2.5	Pass
	690.5	75	0	20	11.64	-0.83	-0.00	-2.5 to 2.5	Pass
					13.70	-1.00	-0.00	-2.5 to 2.5	Pass
					15.75	-0.92	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.07	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.92	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.97	-0.00	-2.5 to 2.5	Pass

				30	13.7	-2.06	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.20	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.59	-0.00	-2.5 to 2.5	Pass
Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation Size	Offset	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
QPSK	673	100	0	20	11.64	-1.10	-0.00	-2.5 to 2.5	Pass
					13.70	-0.67	-0.00	-2.5 to 2.5	Pass
					15.75	-1.47	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.96	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.16	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.52	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.14	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.10	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.37	-0.00	-2.5 to 2.5	Pass
	683	100	0	20	11.64	-1.32	-0.00	-2.5 to 2.5	Pass
					13.70	-1.25	-0.00	-2.5 to 2.5	Pass
					15.75	-1.59	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.76	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.43	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.65	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.22	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.19	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.47	-0.00	-2.5 to 2.5	Pass
	688	100	0	20	11.64	-1.95	-0.00	-2.5 to 2.5	Pass
					13.70	-1.67	-0.00	-2.5 to 2.5	Pass
					15.75	-1.67	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.75	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.12	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.71	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.60	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.53	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.47	-0.00	-2.5 to 2.5	Pass
16QAM	673	100	0	20	11.64	-0.84	-0.00	-2.5 to 2.5	Pass
					13.70	-0.81	-0.00	-2.5 to 2.5	Pass
					15.75	-0.57	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.13	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.49	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.40	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.32	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.67	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.73	-0.00	-2.5 to 2.5	Pass
	683	100	0	20	11.64	-1.14	-0.00	-2.5 to 2.5	Pass
					13.70	-1.10	-0.00	-2.5 to 2.5	Pass
					15.75	-1.73	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.93	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.69	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.82	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.39	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.09	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.23	-0.00	-2.5 to 2.5	Pass
	688	100	0	20	11.64	-1.19	-0.00	-2.5 to 2.5	Pass
					13.70	-1.73	-0.00	-2.5 to 2.5	Pass



BUREAU
VERITAS

Test Report No.: W7L-P21090018RF06

					15.75	-1.26	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.00	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.12	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.59	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.12	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.03	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.95	-0.00	-2.5 to 2.5	Pass

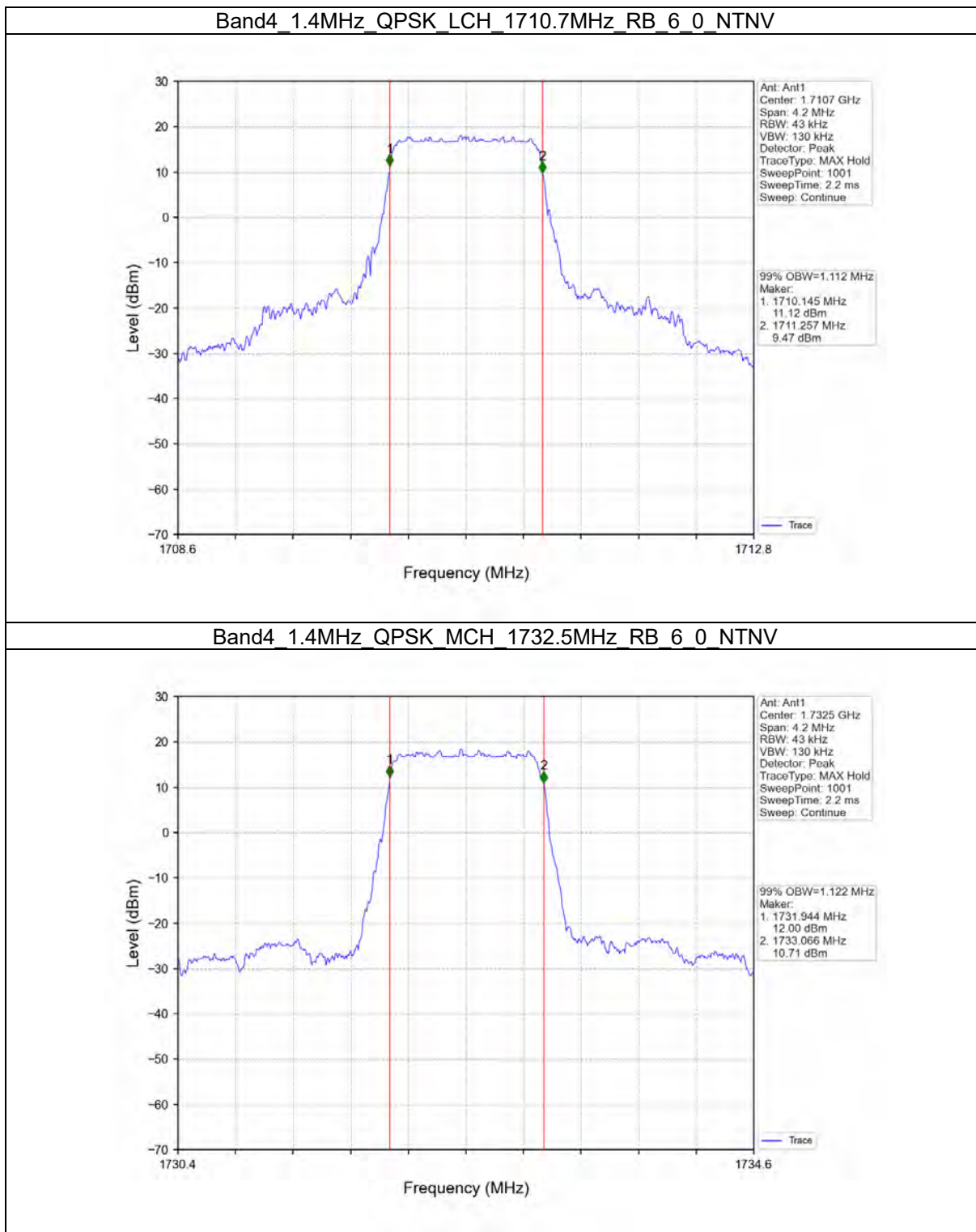
99% & 26dB Bandwidth

LTE Band4_OBW

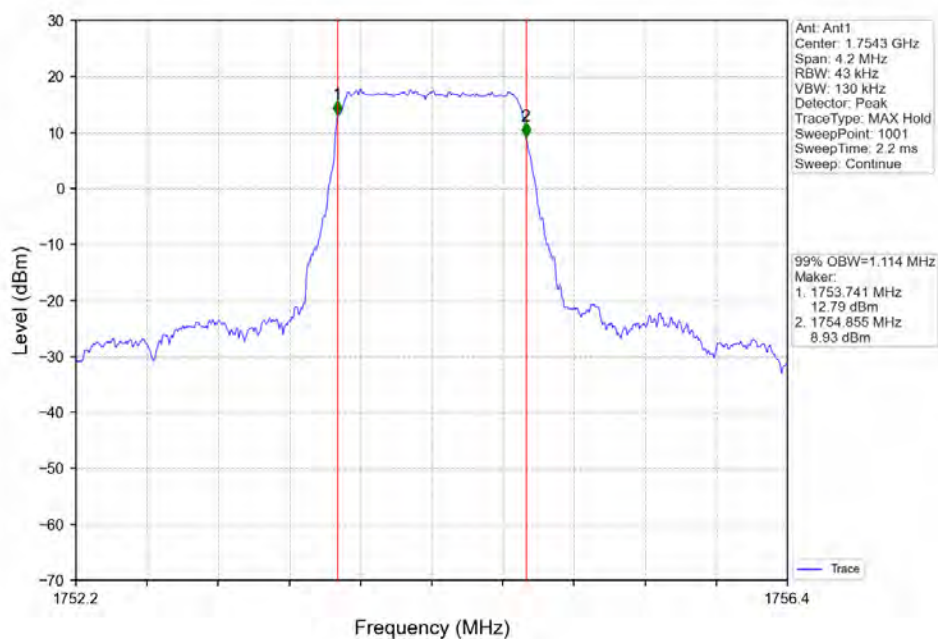
Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.112	Pass
		1732.5	6	0	1.122	Pass
		1754.3	6	0	1.114	Pass
	16QAM	1710.7	6	0	1.110	Pass
		1732.5	6	0	1.109	Pass
		1754.3	6	0	1.117	Pass
3	QPSK	1711.5	15	0	2.750	Pass
		1732.5	15	0	2.745	Pass
		1753.5	15	0	2.748	Pass
	16QAM	1711.5	15	0	2.737	Pass
		1732.5	15	0	2.739	Pass
		1753.5	15	0	2.736	Pass
5	QPSK	1712.5	25	0	4.564	Pass
		1732.5	25	0	4.558	Pass
		1752.5	25	0	4.547	Pass
	16QAM	1712.5	25	0	4.549	Pass
		1732.5	25	0	4.580	Pass
		1752.5	25	0	4.588	Pass
10	QPSK	1715	50	0	9.056	Pass
		1732.5	50	0	9.006	Pass
		1750	50	0	9.044	Pass
	16QAM	1715	50	0	9.049	Pass
		1732.5	50	0	9.017	Pass
		1750	50	0	9.012	Pass
15	QPSK	1717.5	75	0	13.564	Pass
		1732.5	75	0	13.539	Pass
		1747.5	75	0	13.505	Pass
	16QAM	1717.5	75	0	13.536	Pass
		1732.5	75	0	13.557	Pass
		1747.5	75	0	13.503	Pass
20	QPSK	1720	100	0	18.076	Pass
		1732.5	100	0	18.027	Pass
		1745	100	0	17.955	Pass
	16QAM	1720	100	0	18.128	Pass
		1732.5	100	0	18.035	Pass
		1745	100	0	18.018	Pass

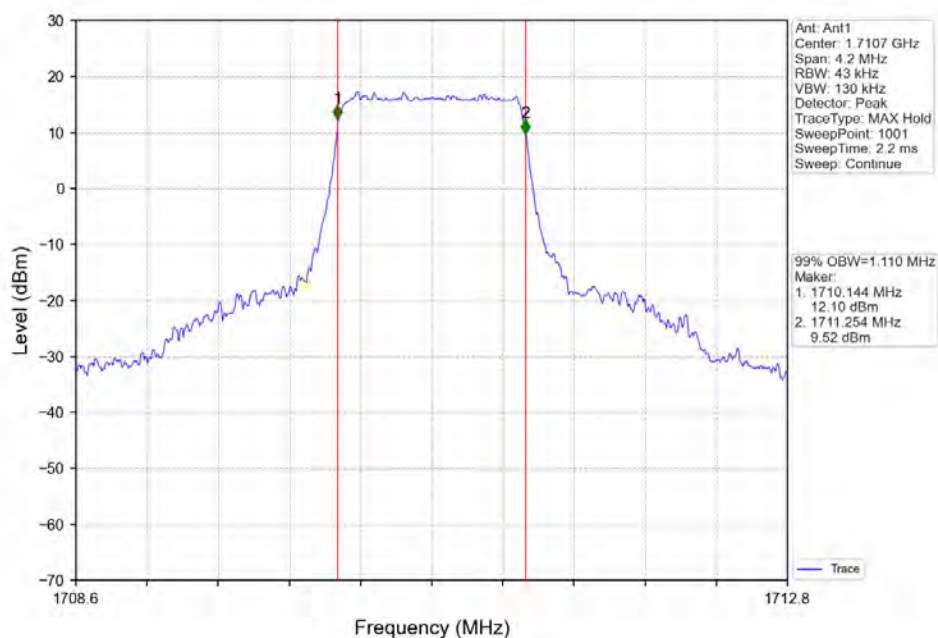
Test Graph



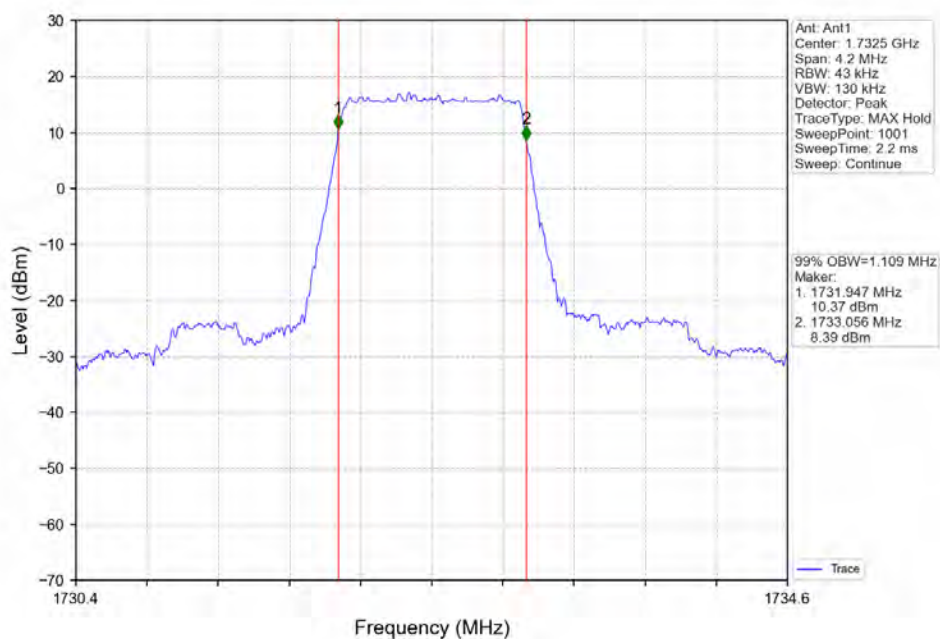
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



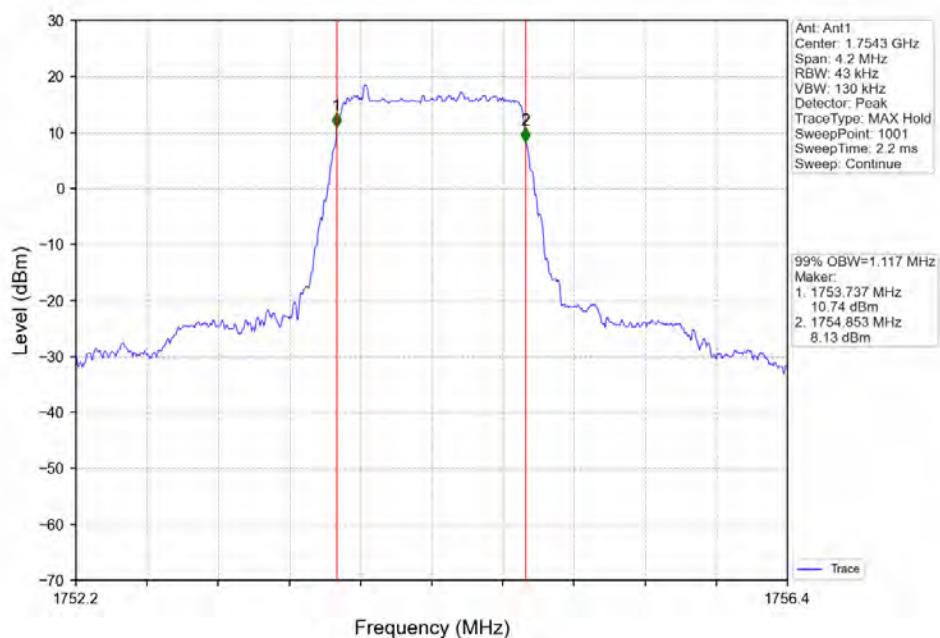
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



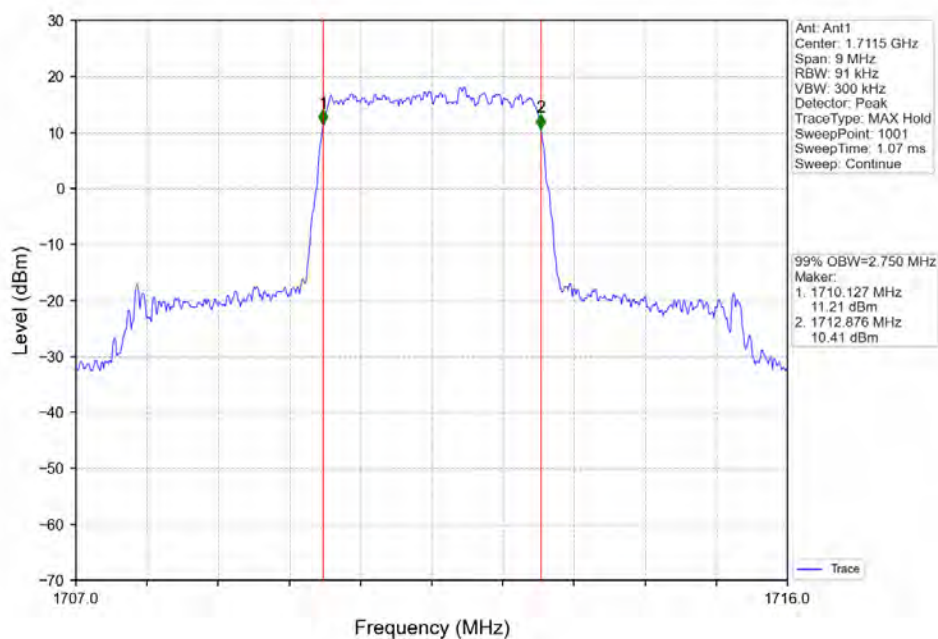
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



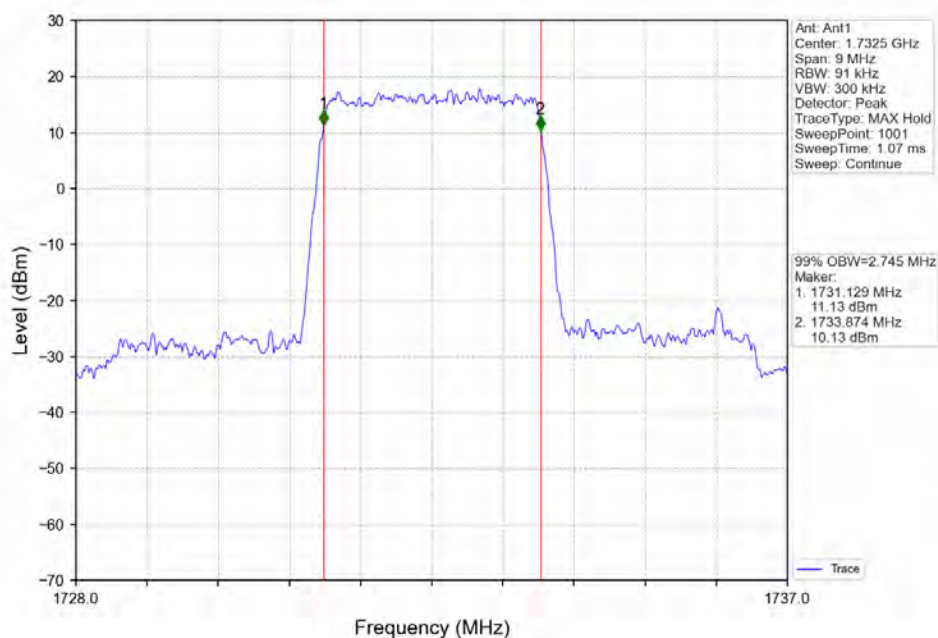
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



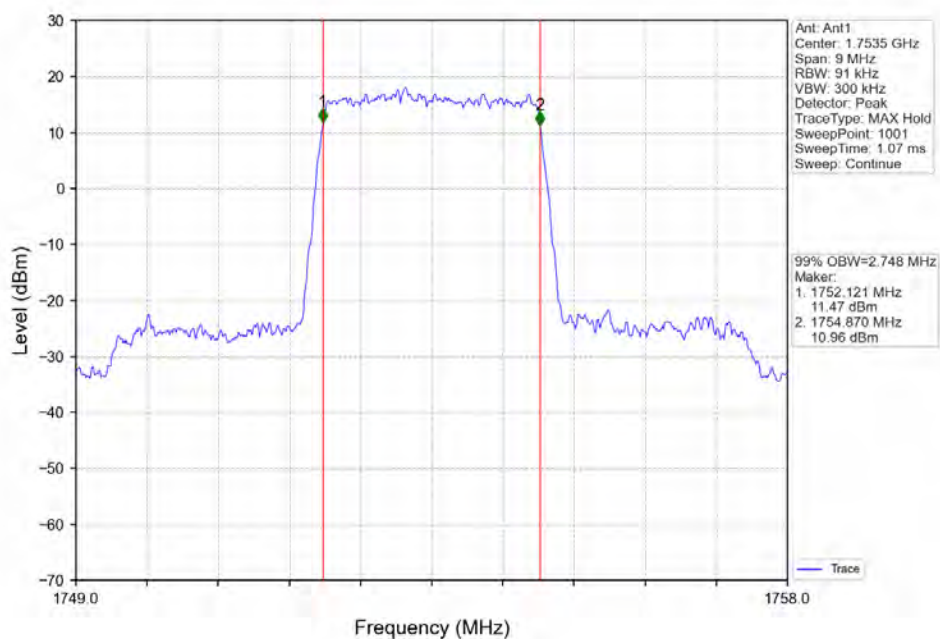
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



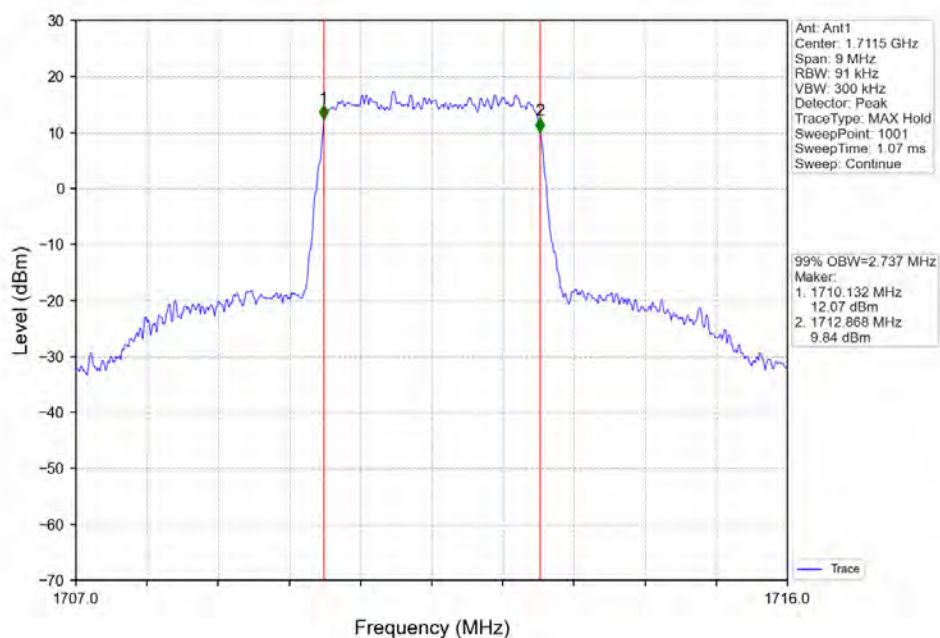
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



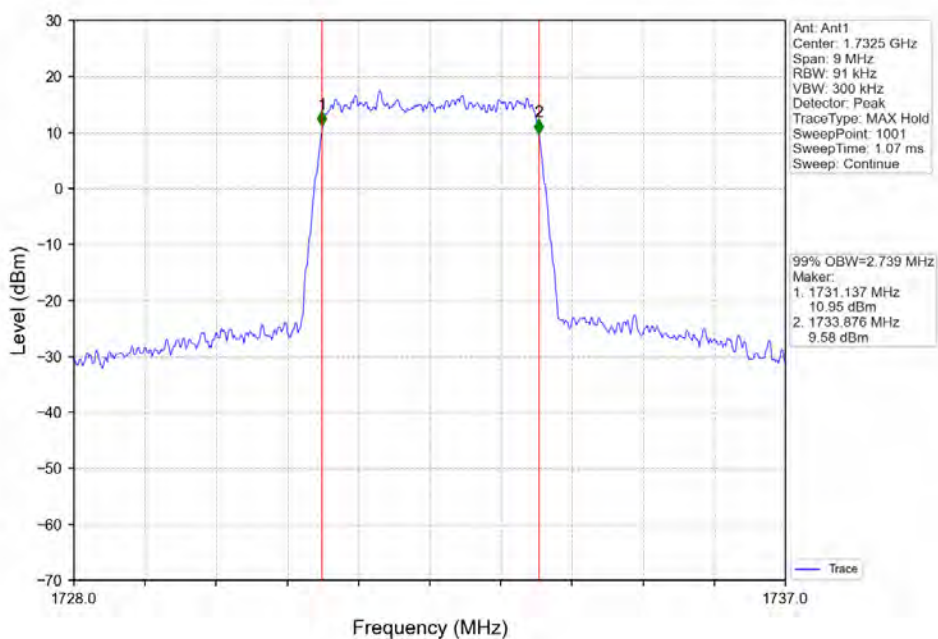
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



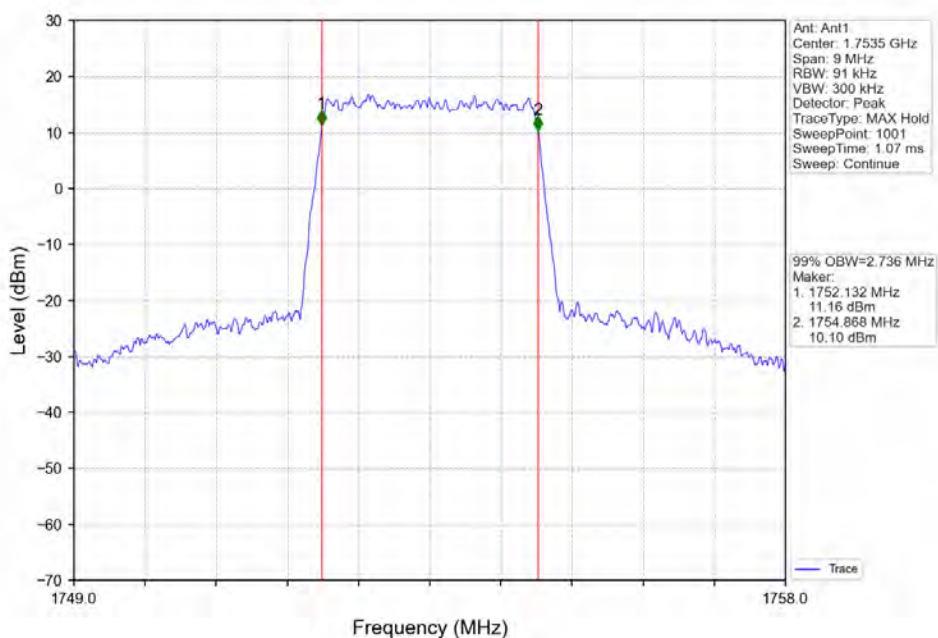
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



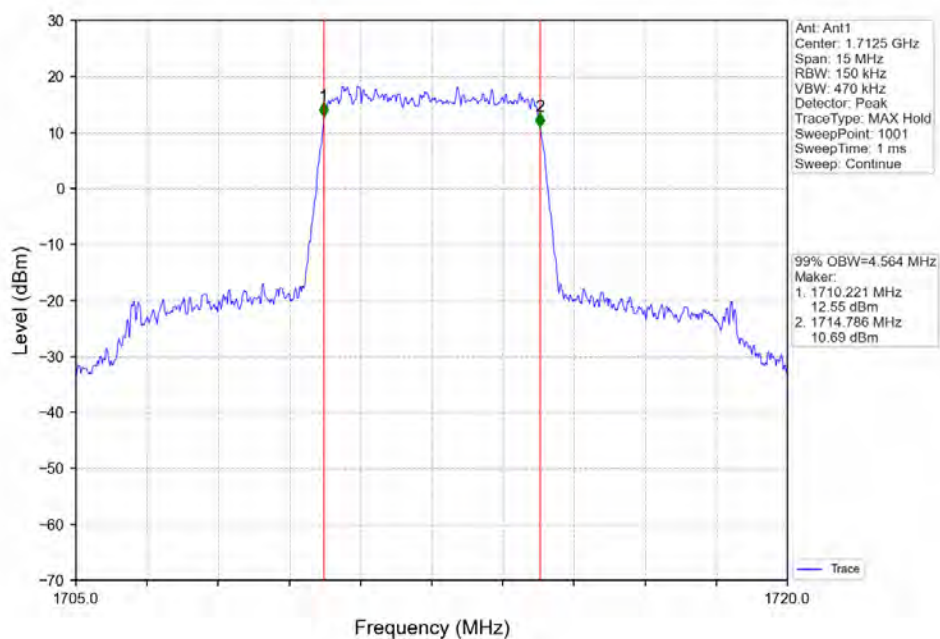
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



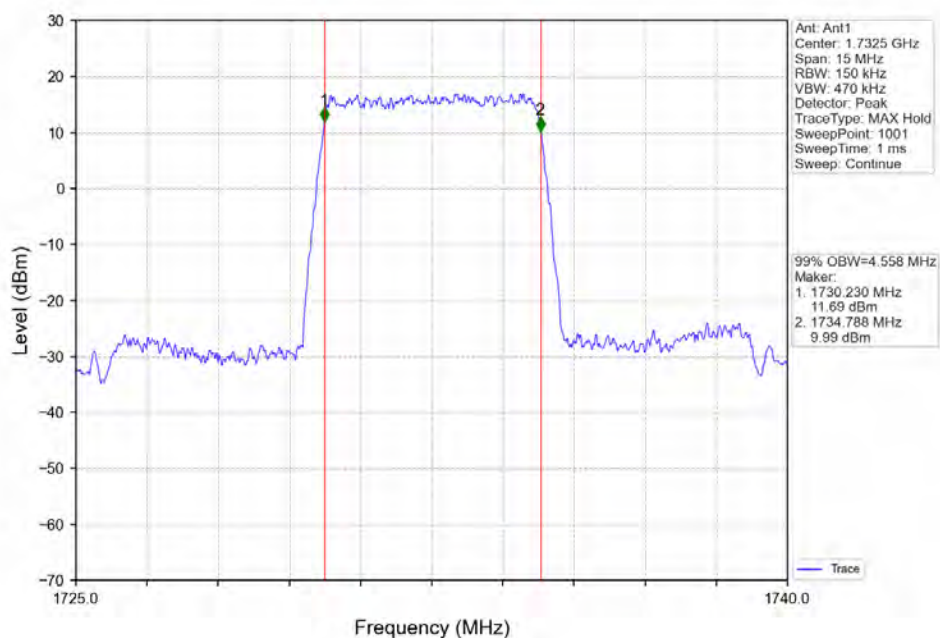
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



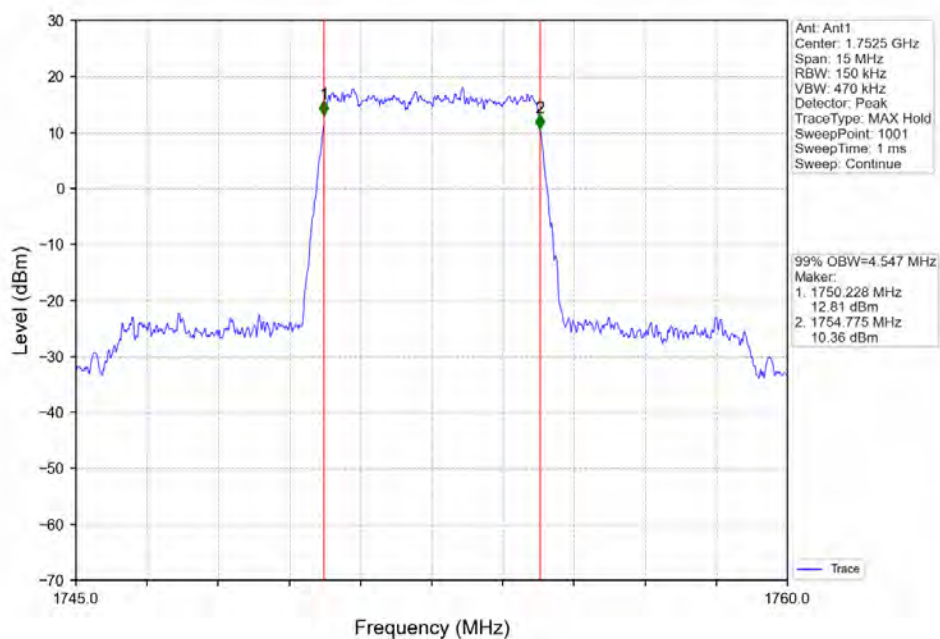
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



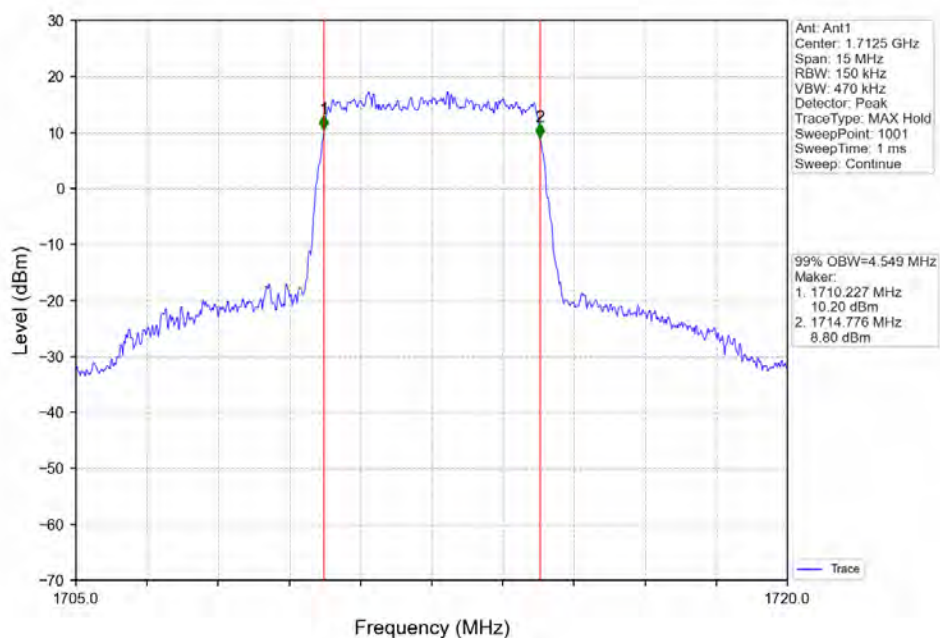
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



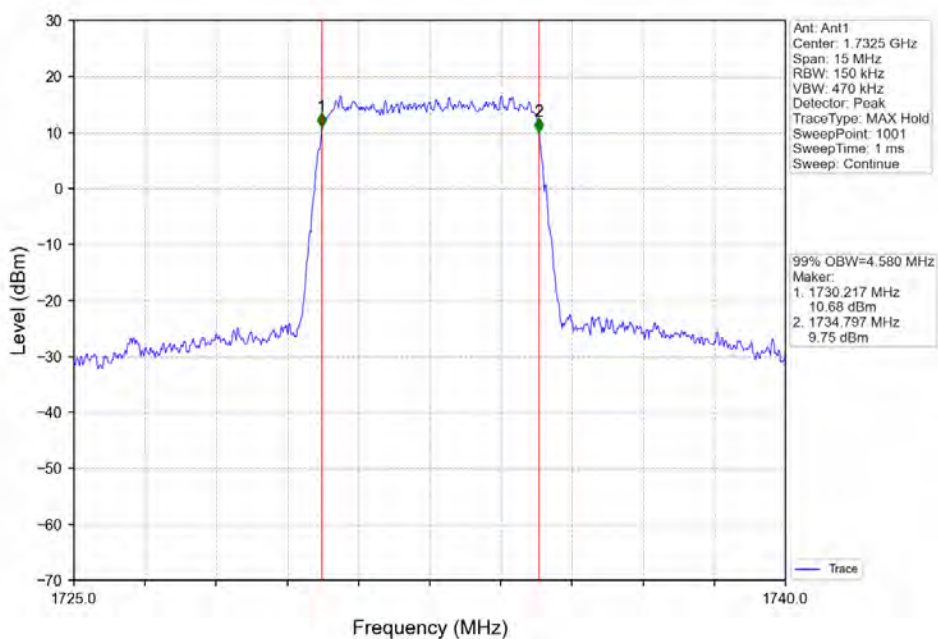
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



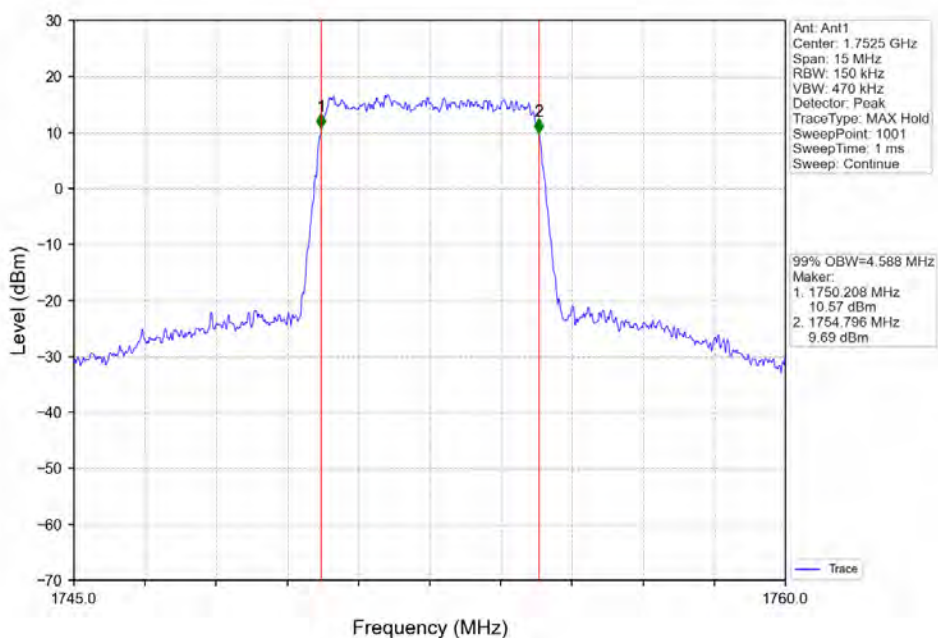
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



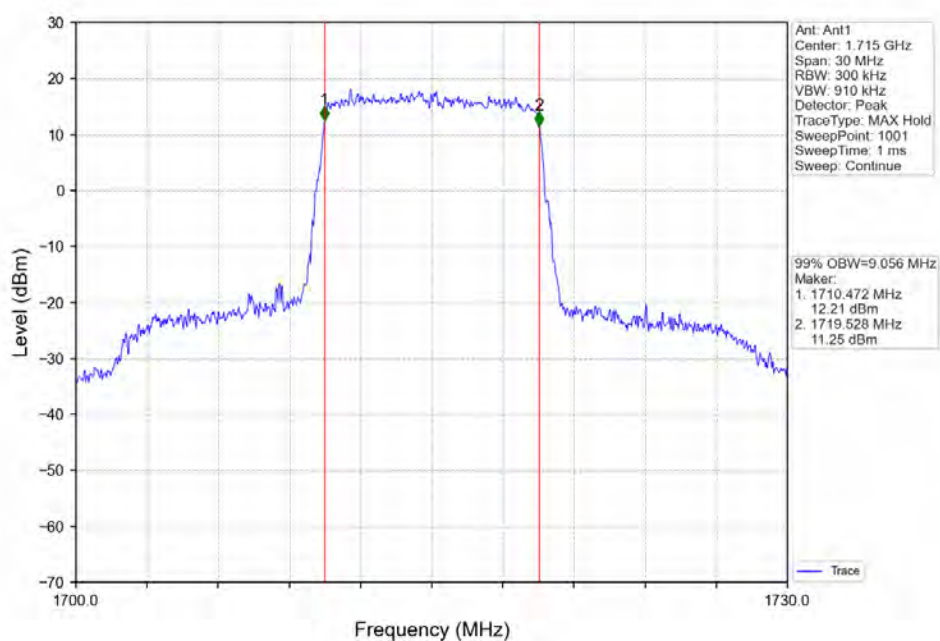
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



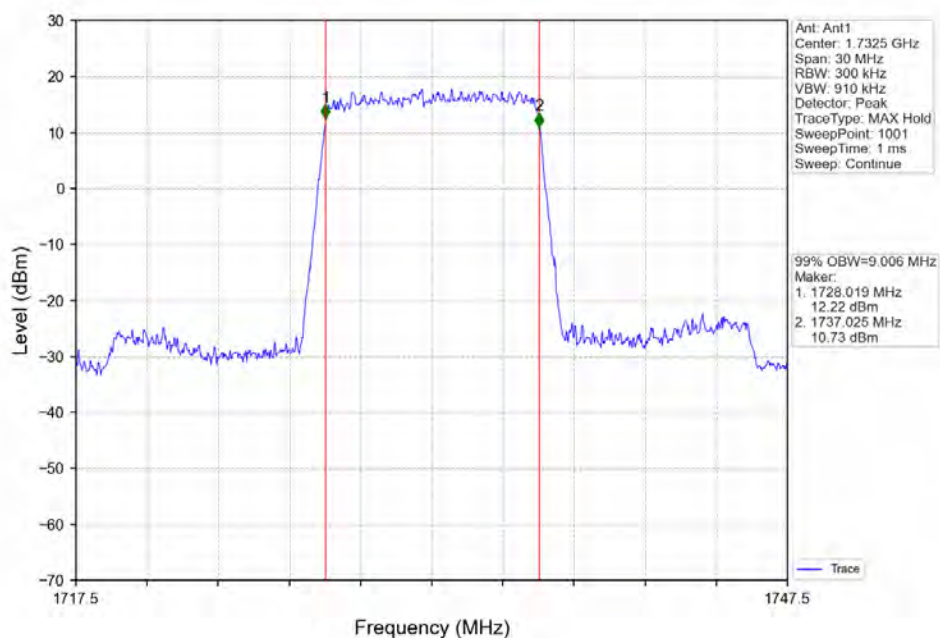
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



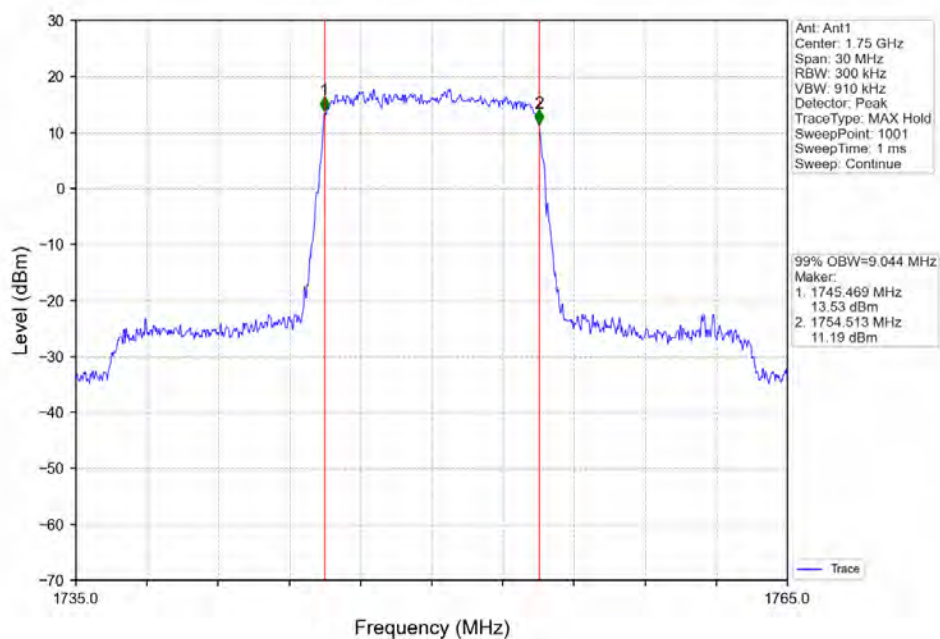
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



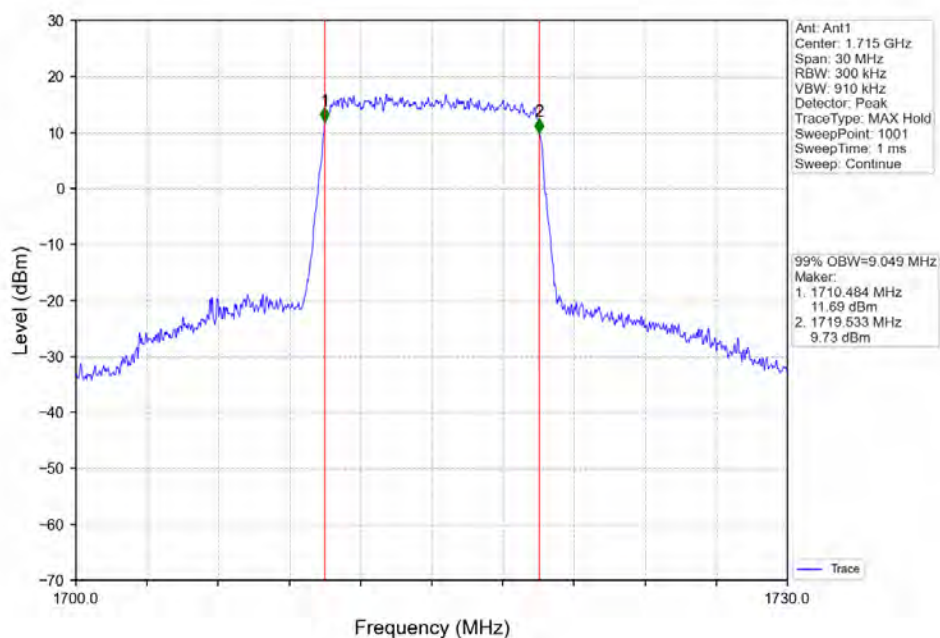
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



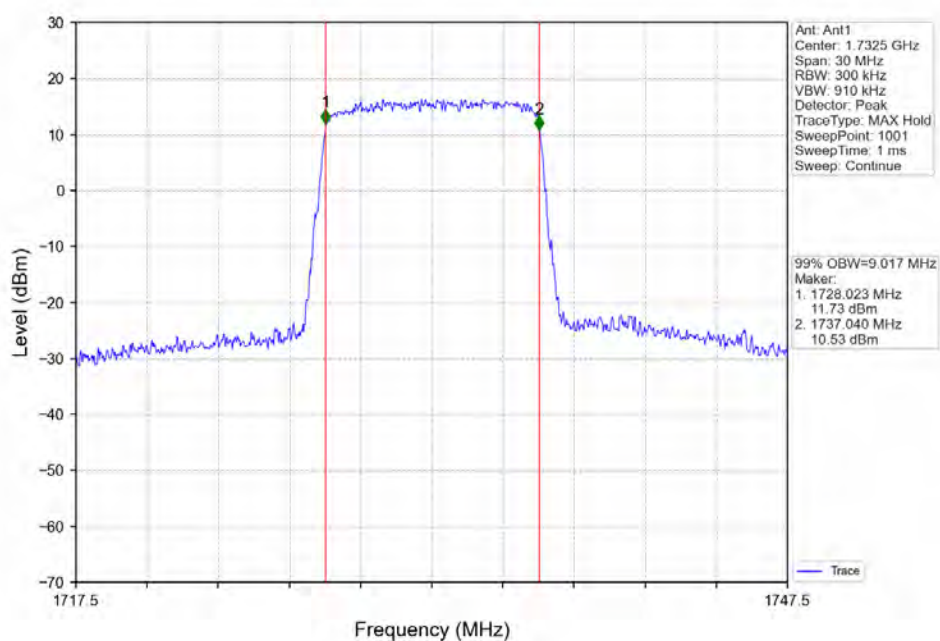
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



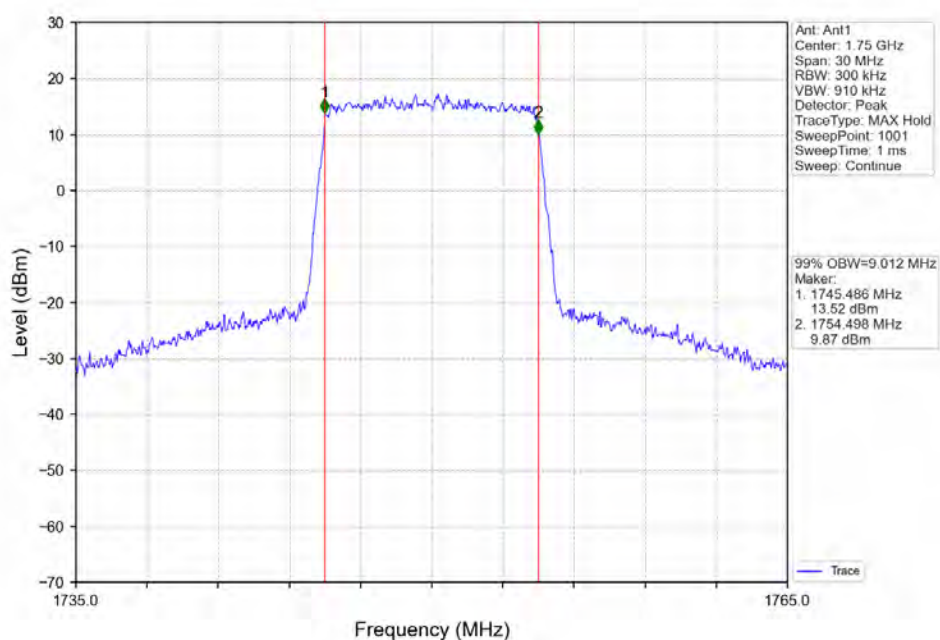
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



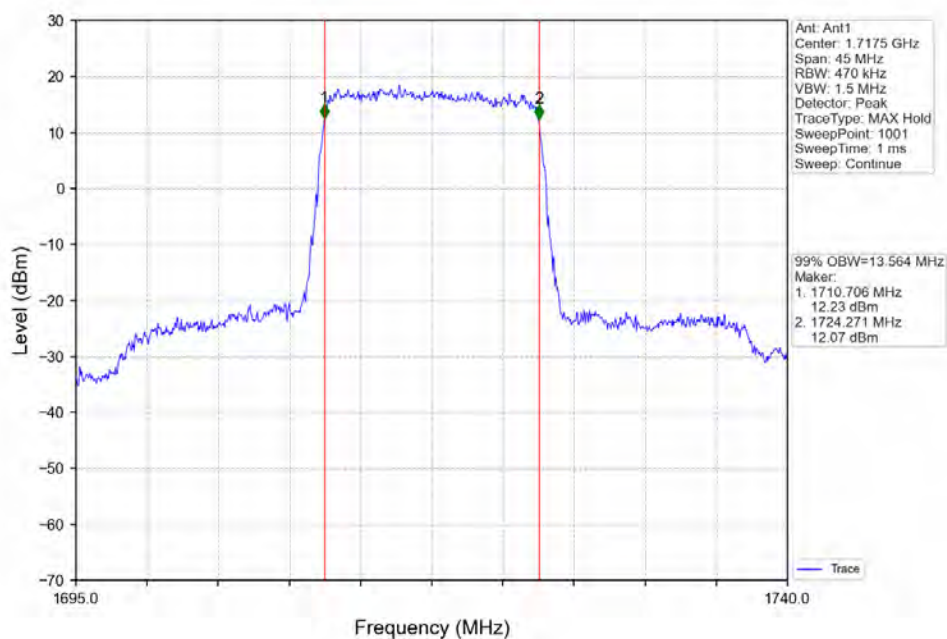
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



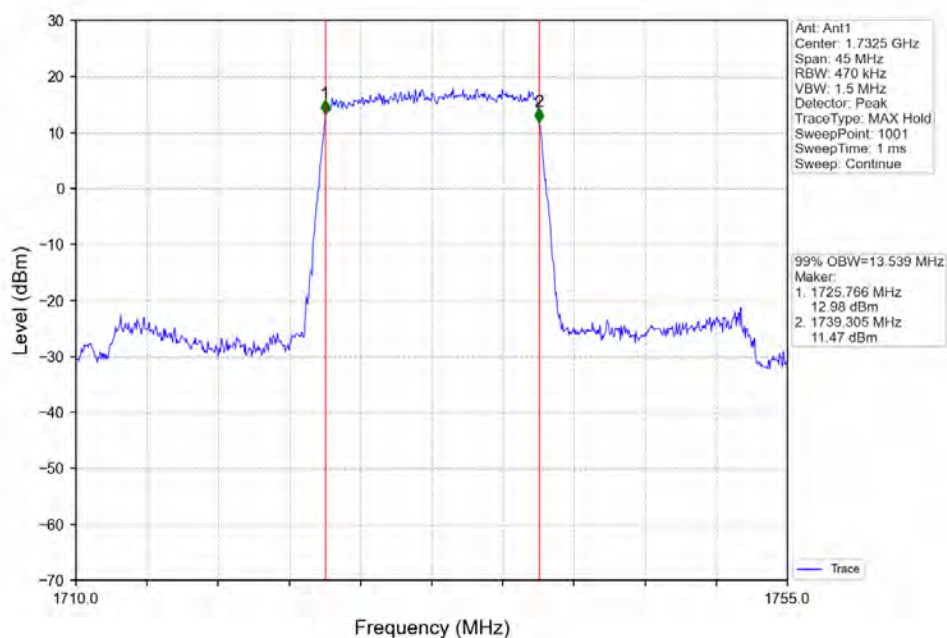
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



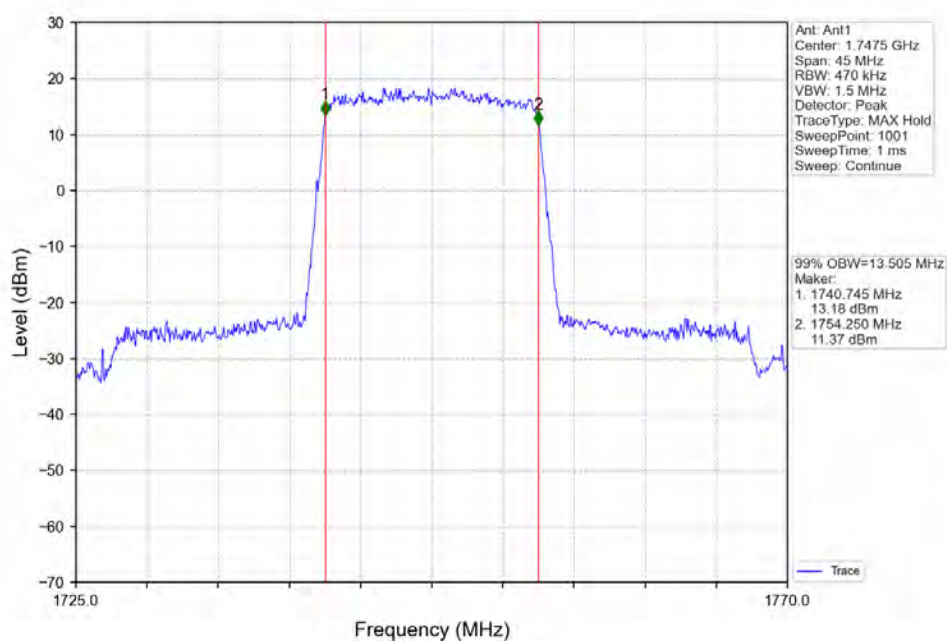
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



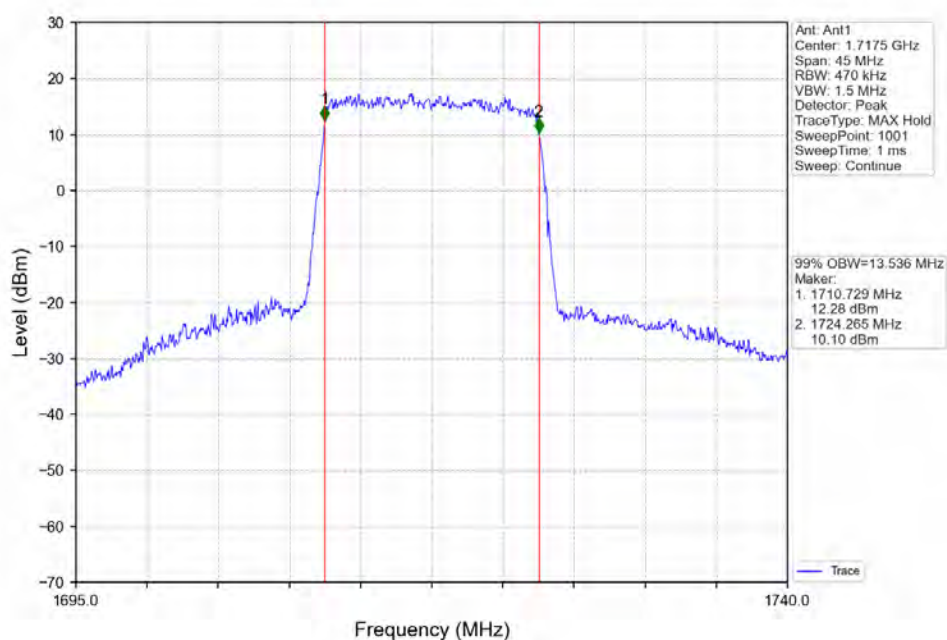
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



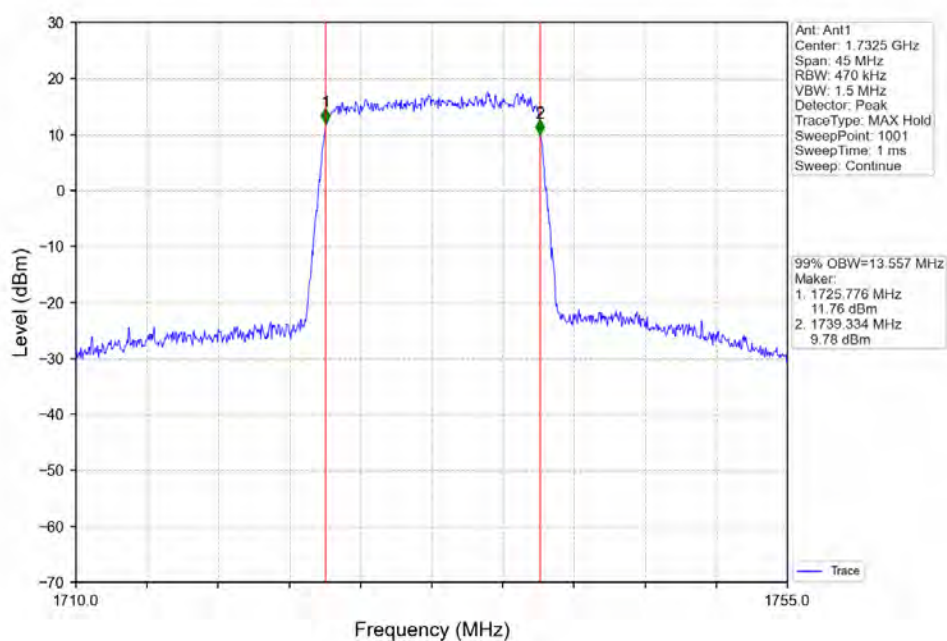
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



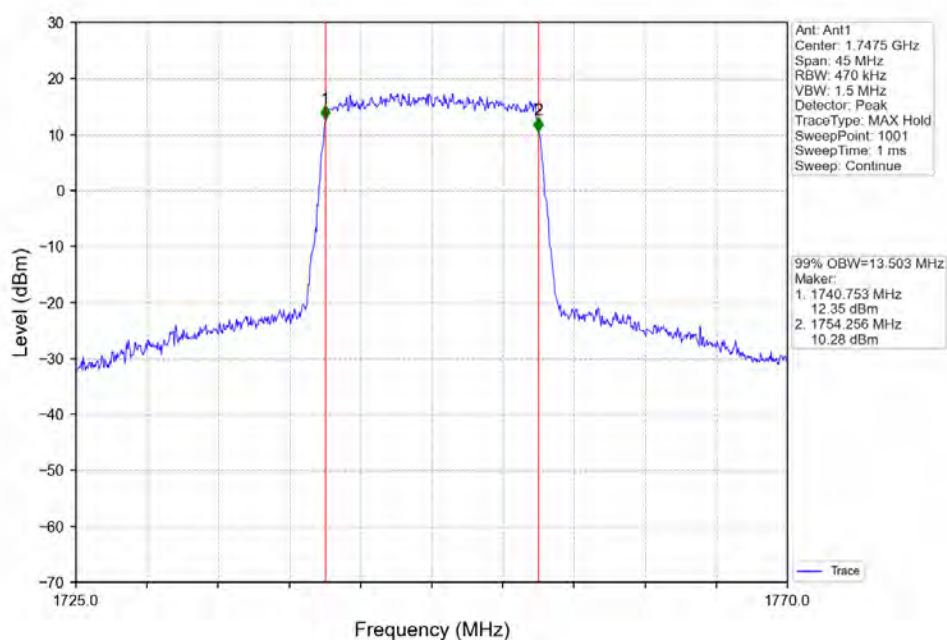
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



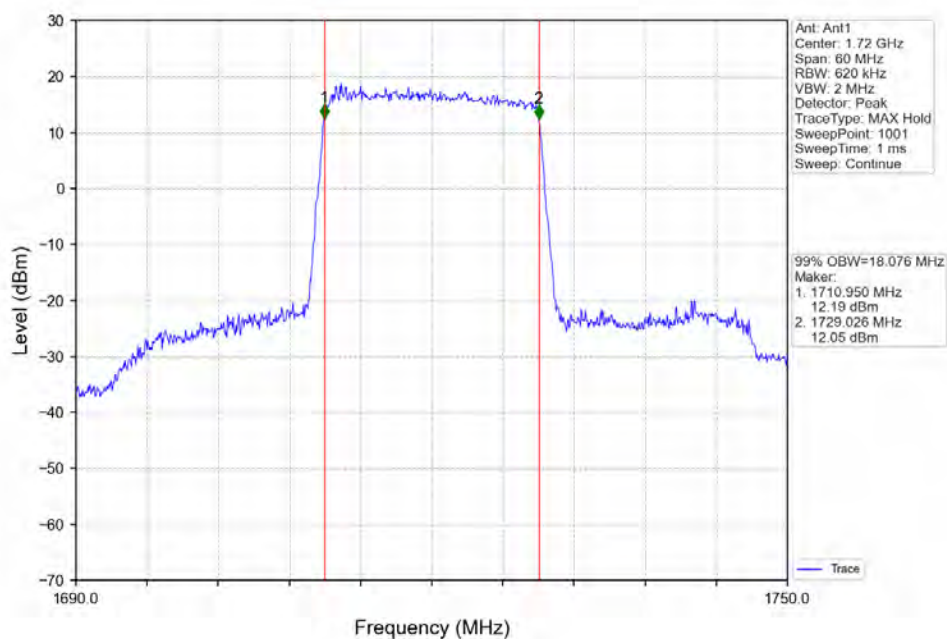
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



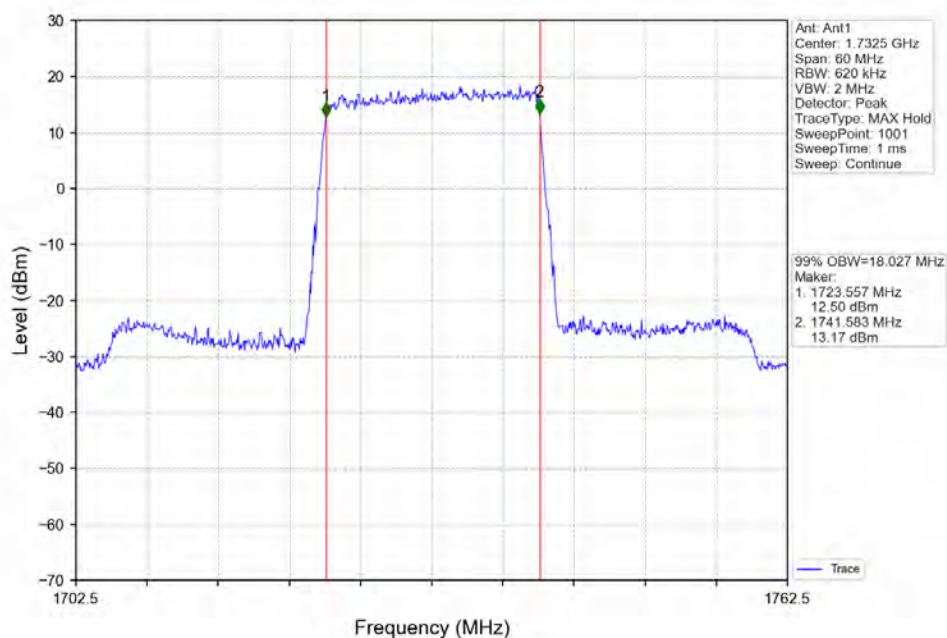
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



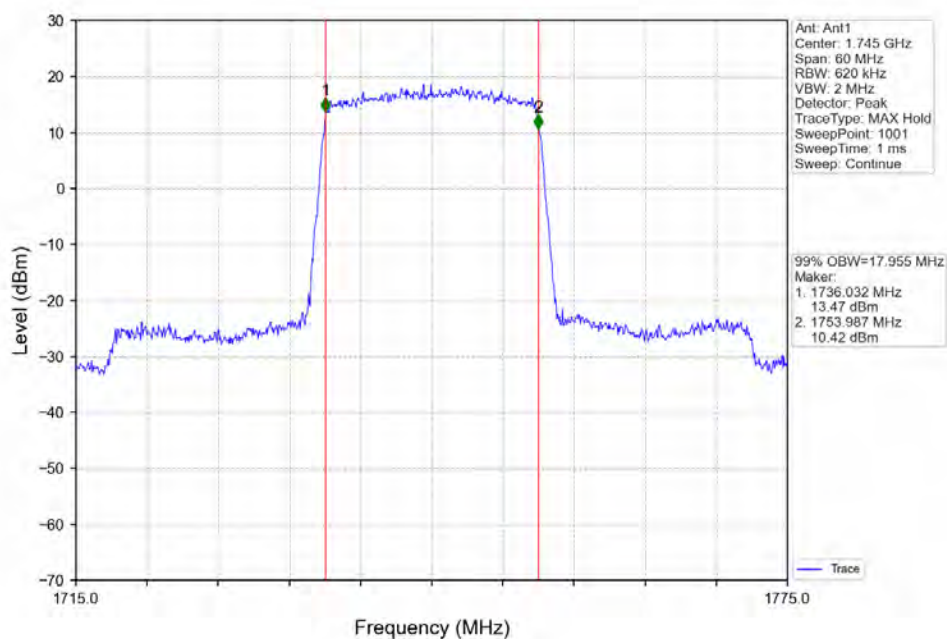
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



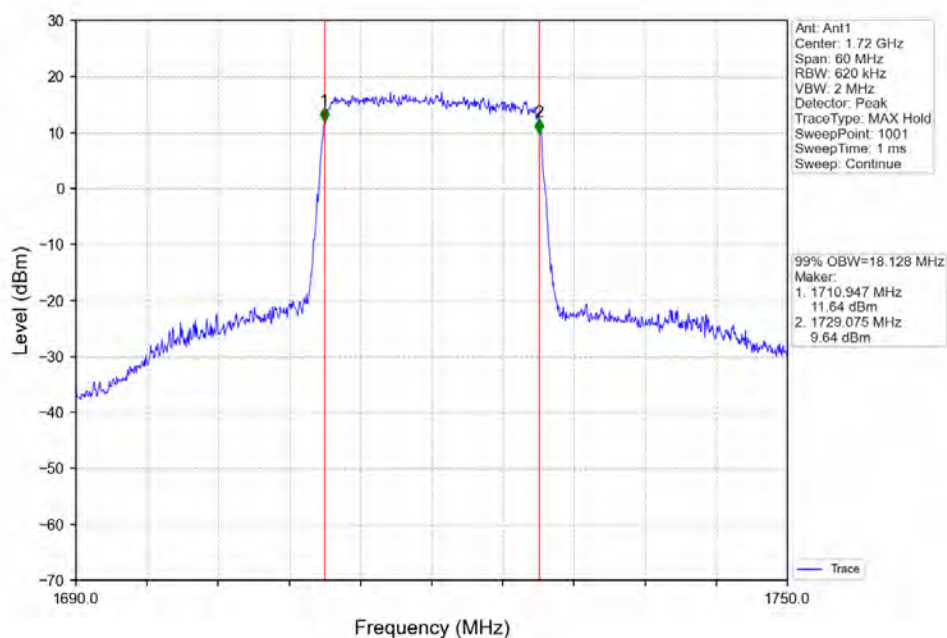
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



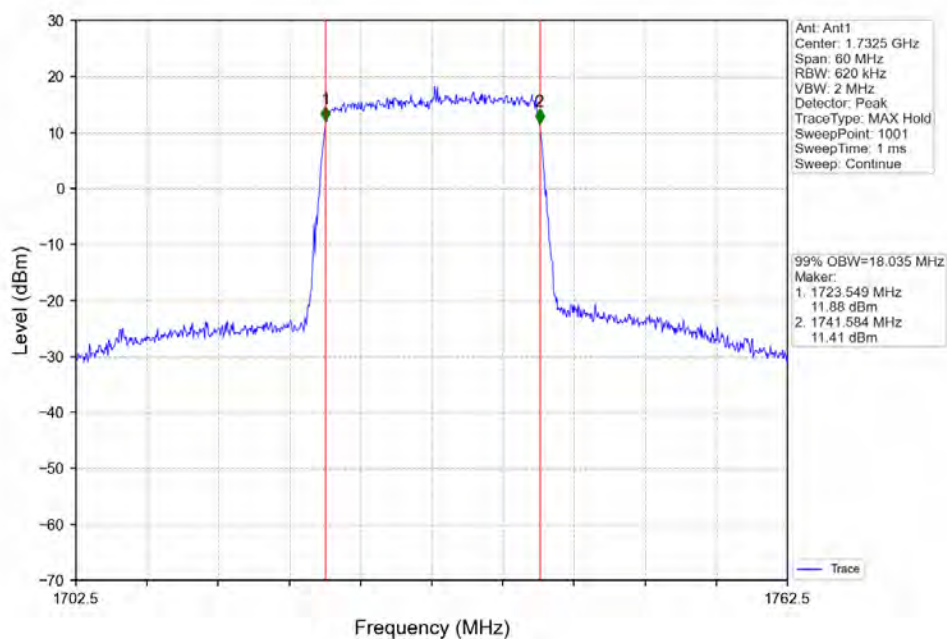
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



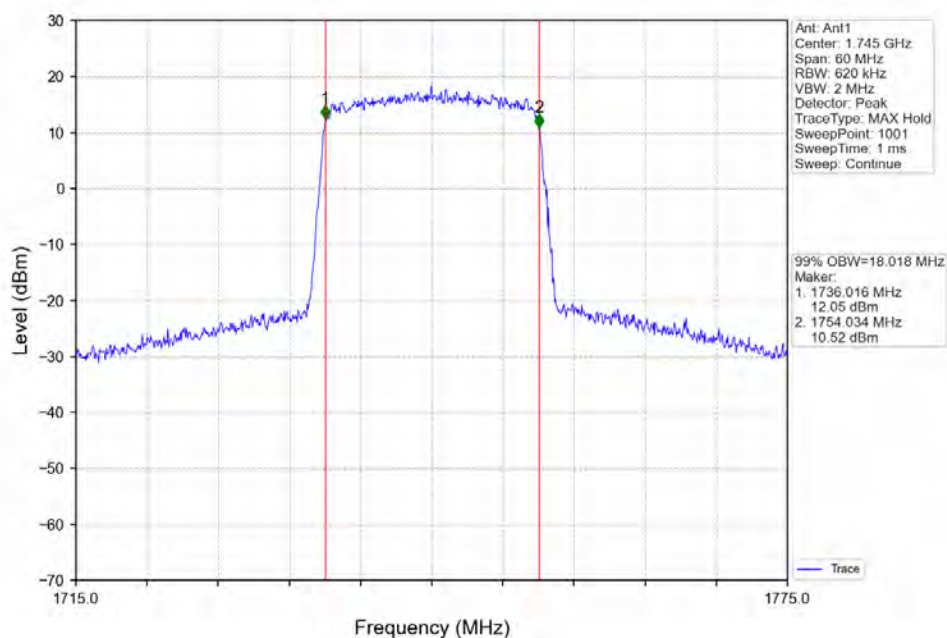
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

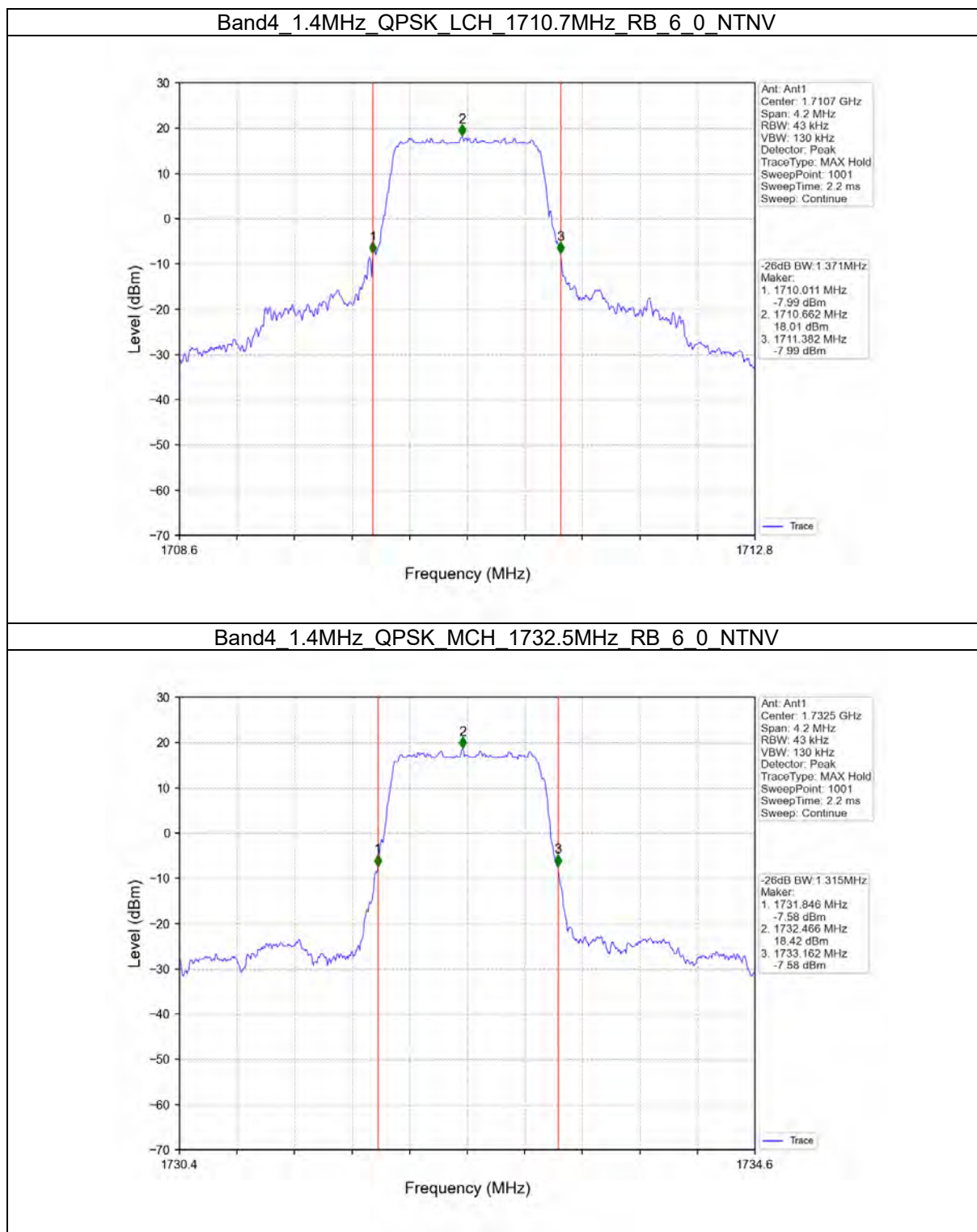


LTE Band4_XDB

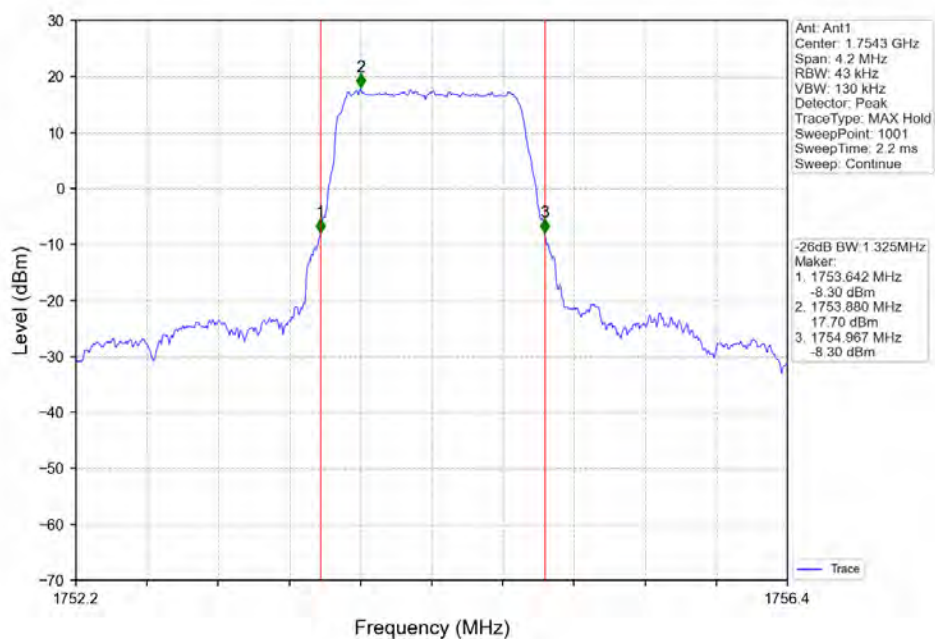
Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.371	Pass
		1732.5	6	0	1.315	Pass
		1754.3	6	0	1.325	Pass
	16QAM	1710.7	6	0	1.315	Pass
		1732.5	6	0	1.330	Pass
		1754.3	6	0	1.327	Pass
3	QPSK	1711.5	15	0	3.071	Pass
		1732.5	15	0	3.064	Pass
		1753.5	15	0	3.033	Pass
	16QAM	1711.5	15	0	3.020	Pass
		1732.5	15	0	3.035	Pass
		1753.5	15	0	3.066	Pass
5	QPSK	1712.5	25	0	5.095	Pass
		1732.5	25	0	5.092	Pass
		1752.5	25	0	5.096	Pass
	16QAM	1712.5	25	0	5.067	Pass
		1732.5	25	0	5.126	Pass
		1752.5	25	0	5.091	Pass
10	QPSK	1715	50	0	10.136	Pass
		1732.5	50	0	10.002	Pass
		1750	50	0	10.016	Pass
	16QAM	1715	50	0	10.021	Pass
		1732.5	50	0	10.087	Pass
		1750	50	0	10.016	Pass
15	QPSK	1717.5	75	0	14.913	Pass
		1732.5	75	0	14.962	Pass
		1747.5	75	0	14.946	Pass
	16QAM	1717.5	75	0	15.006	Pass
		1732.5	75	0	15.000	Pass
		1747.5	75	0	14.834	Pass
20	QPSK	1720	100	0	19.719	Pass
		1732.5	100	0	19.953	Pass
		1745	100	0	19.785	Pass
	16QAM	1720	100	0	19.695	Pass
		1732.5	100	0	19.811	Pass
		1745	100	0	19.686	Pass

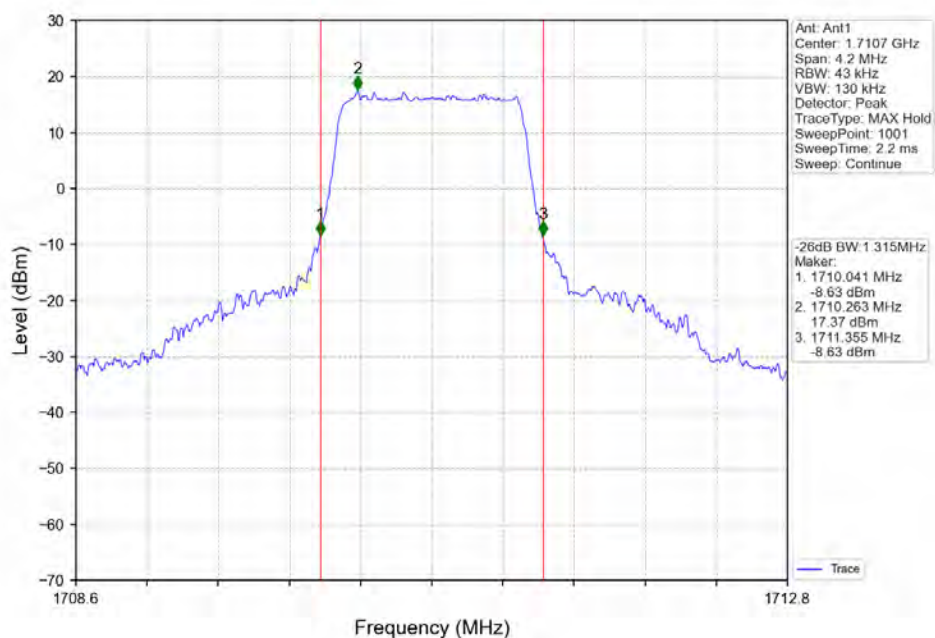
Test Graph



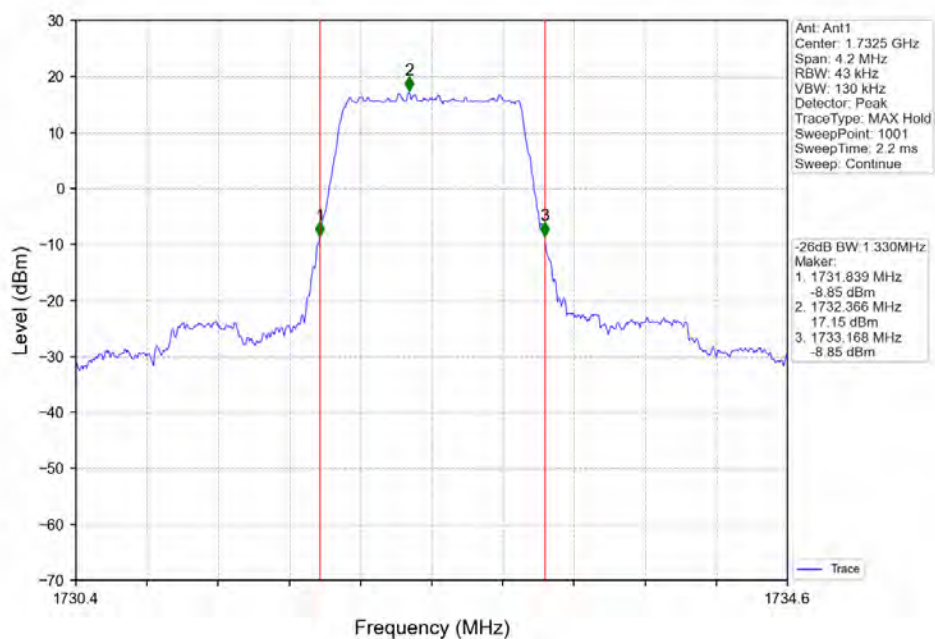
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



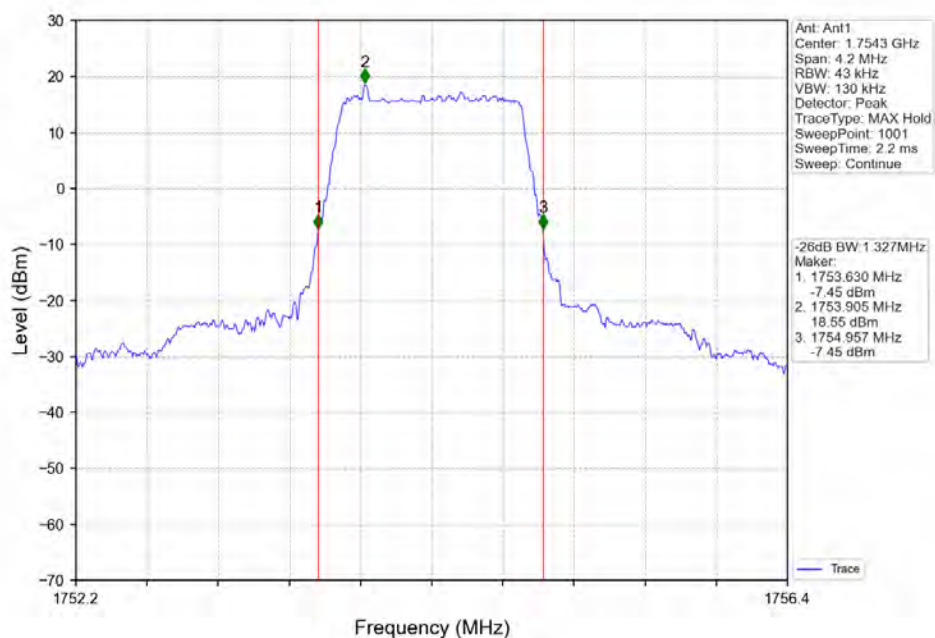
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



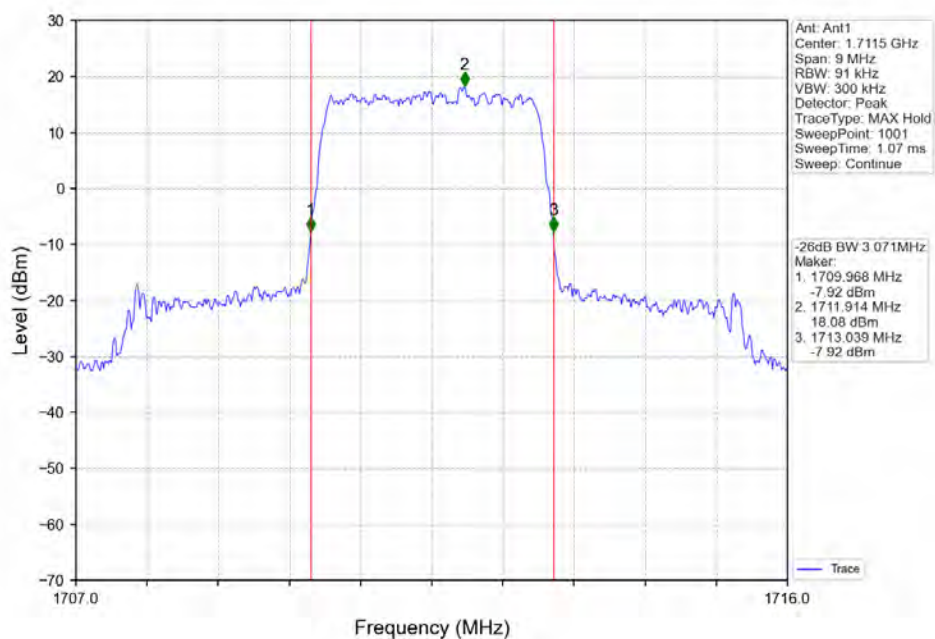
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



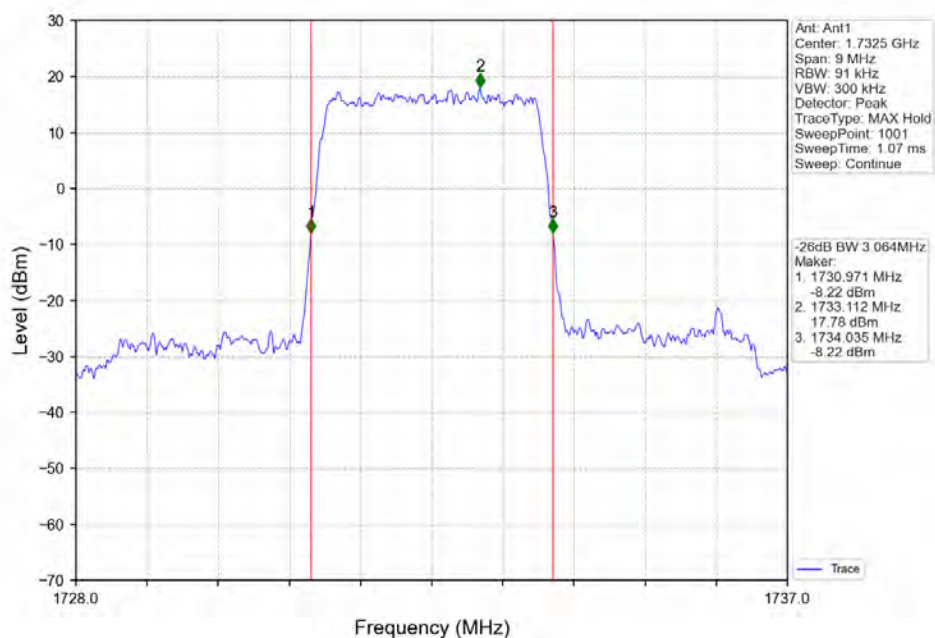
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



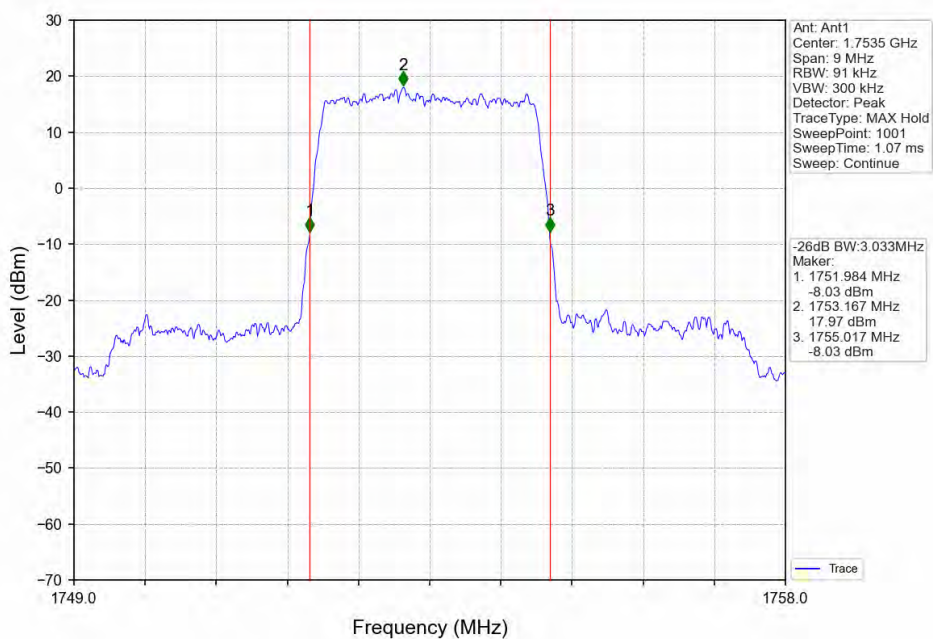
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



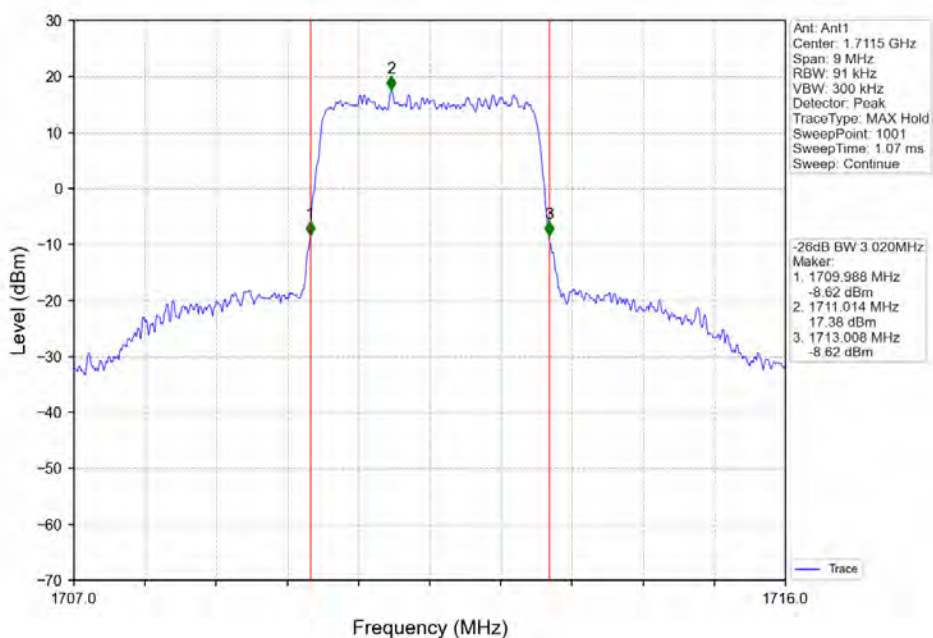
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



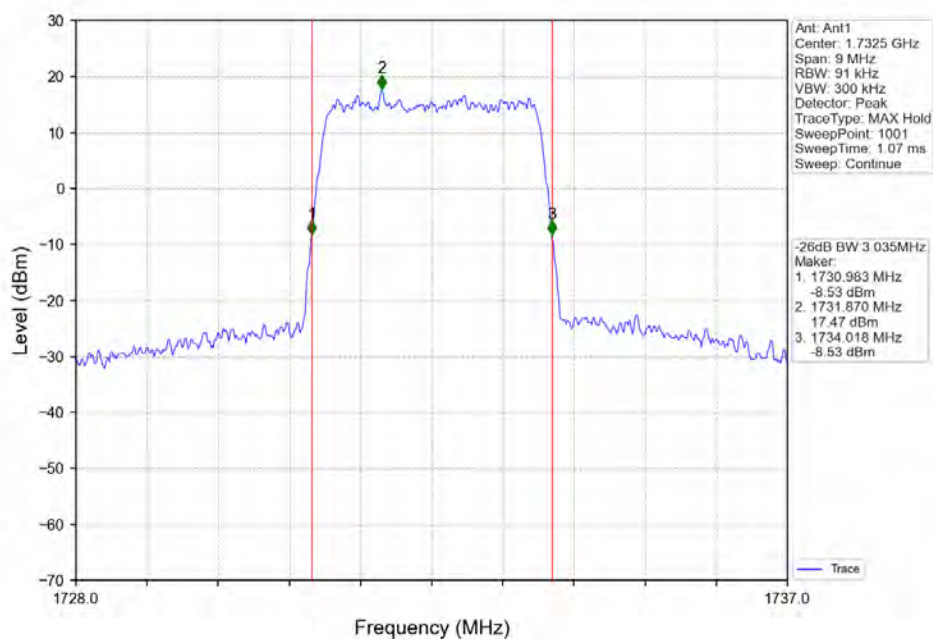
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



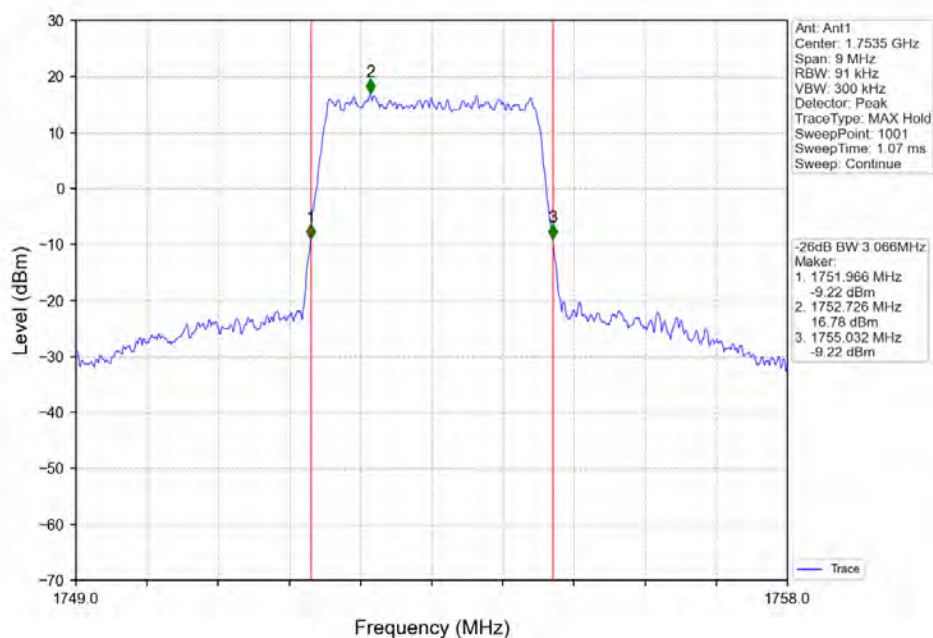
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



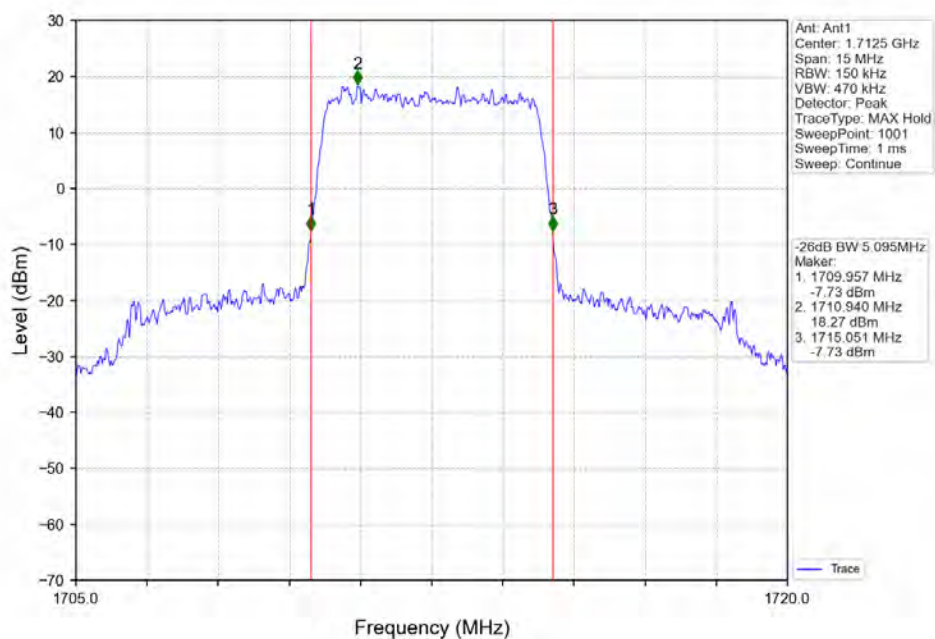
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



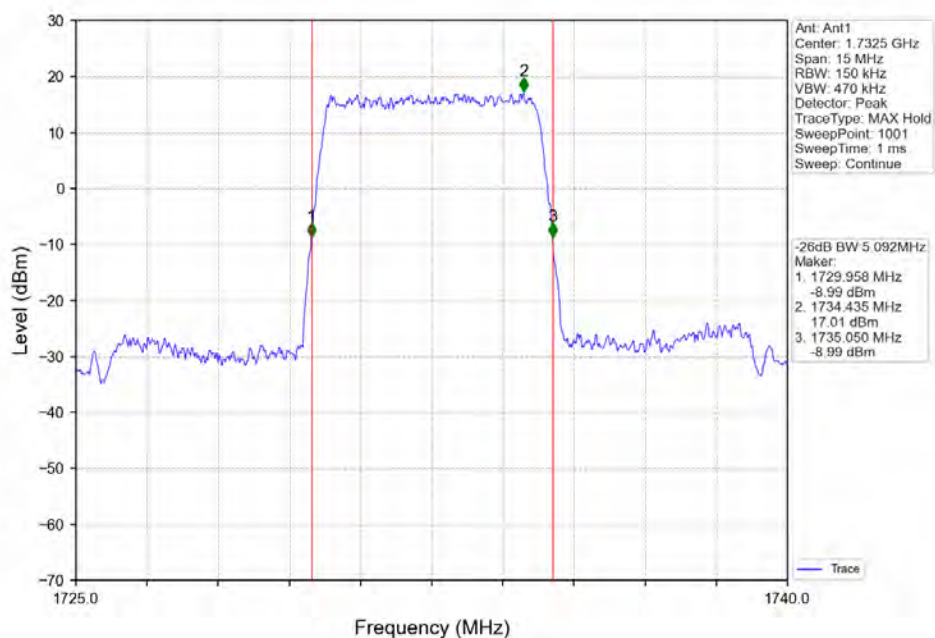
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



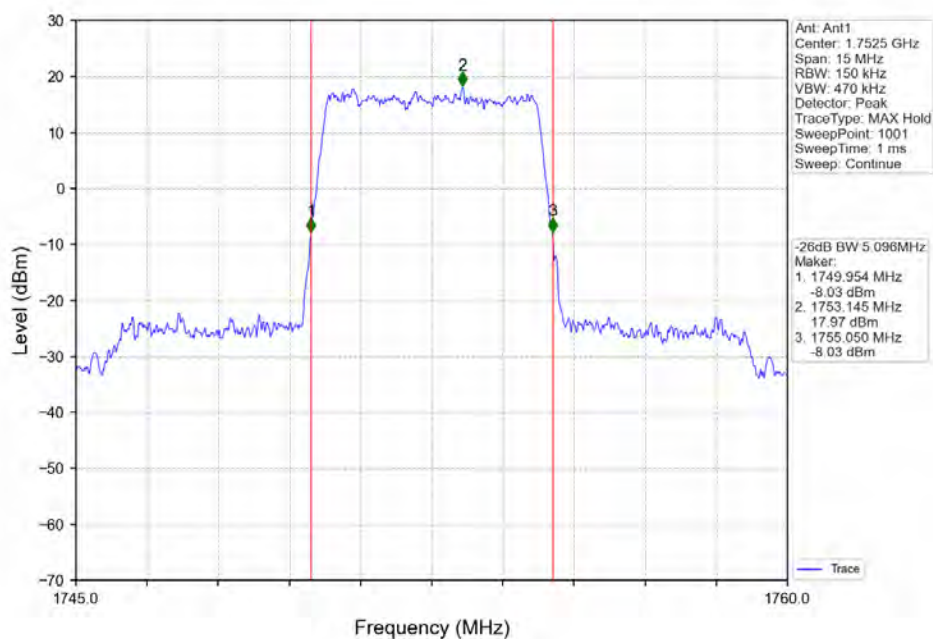
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



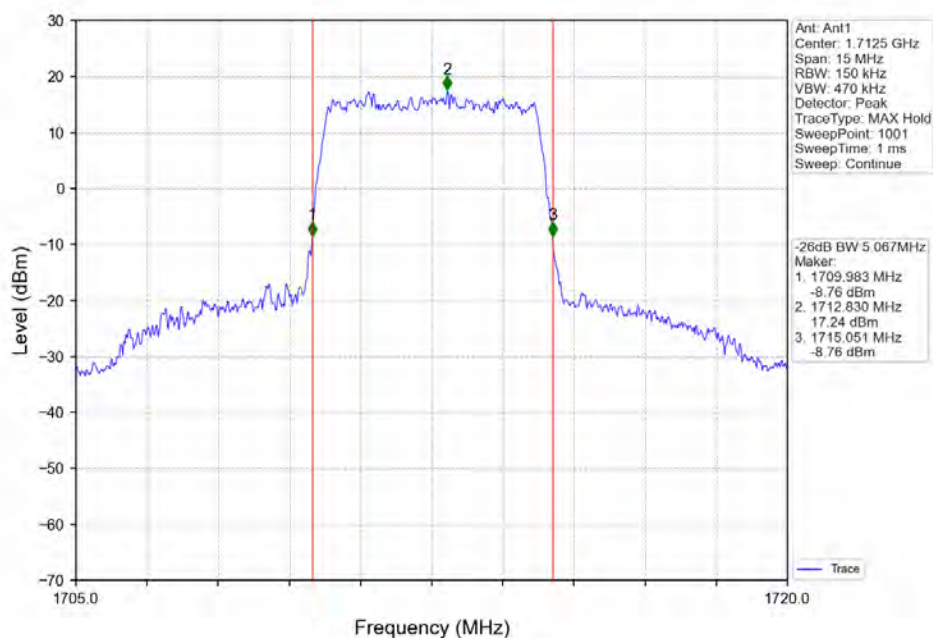
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



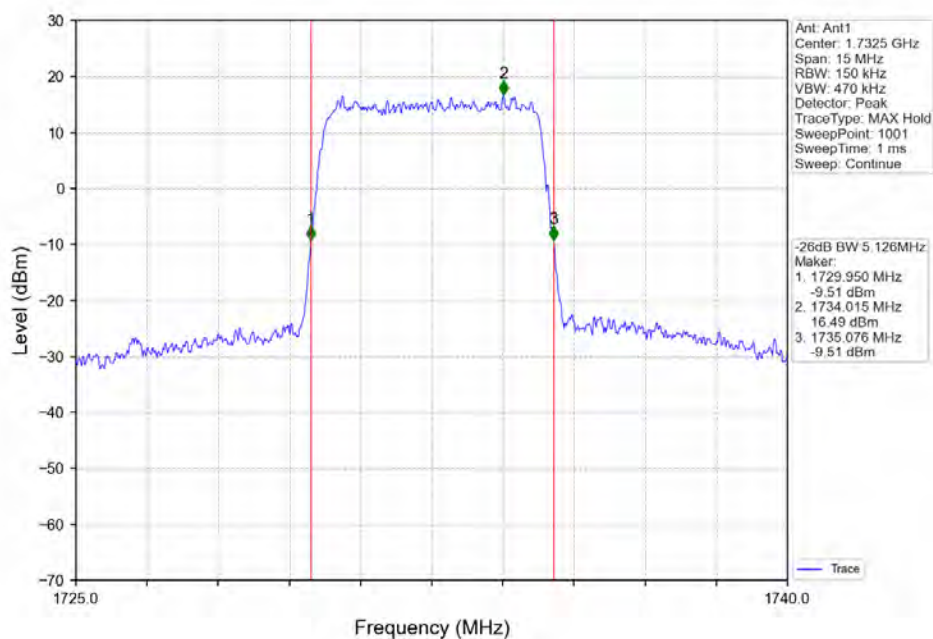
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



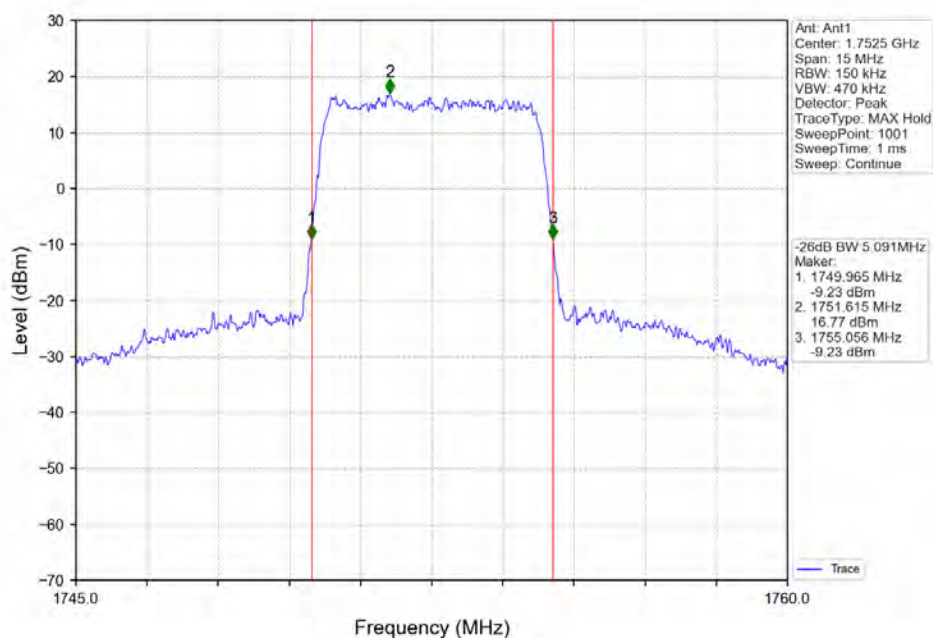
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



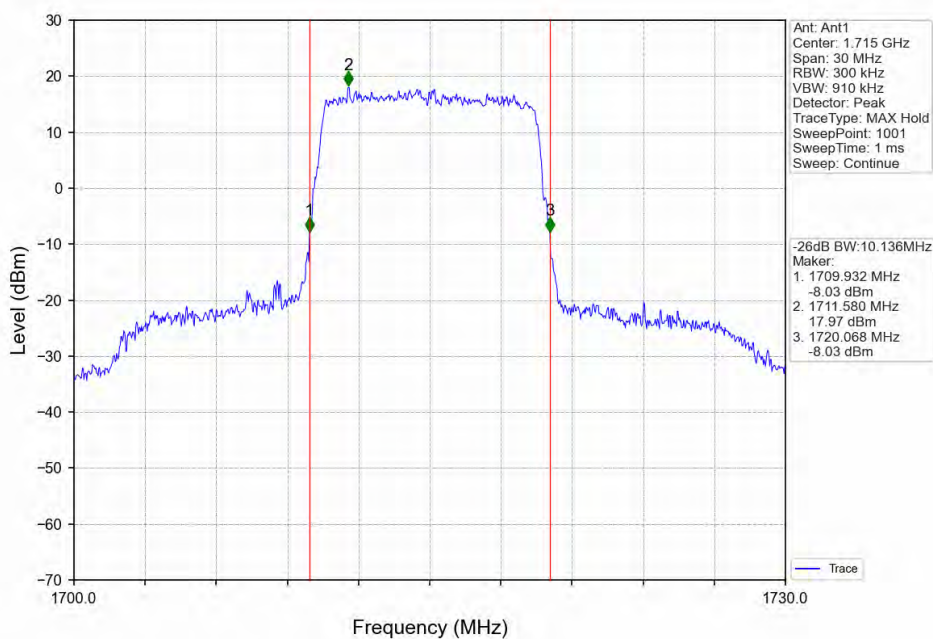
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



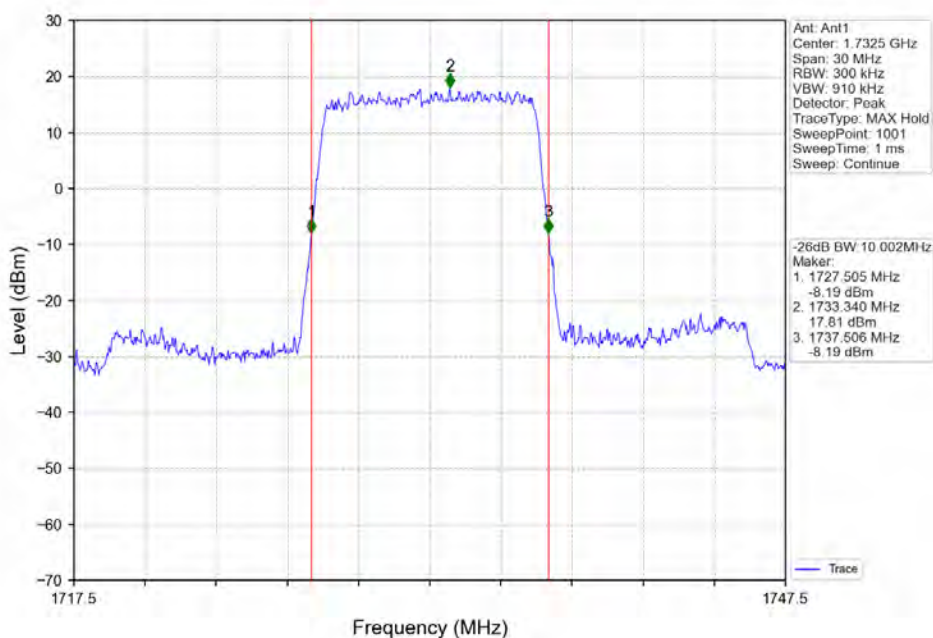
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



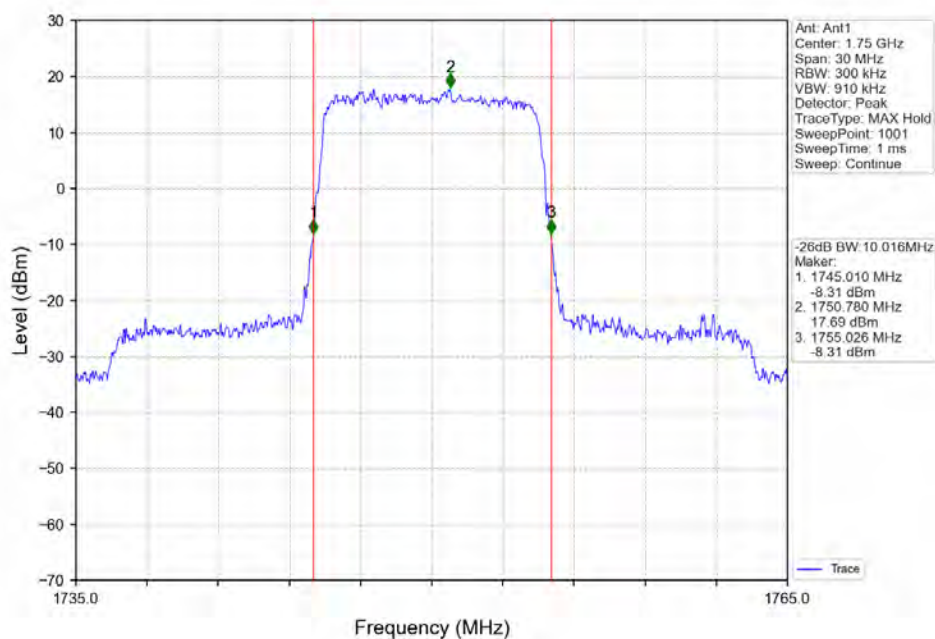
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



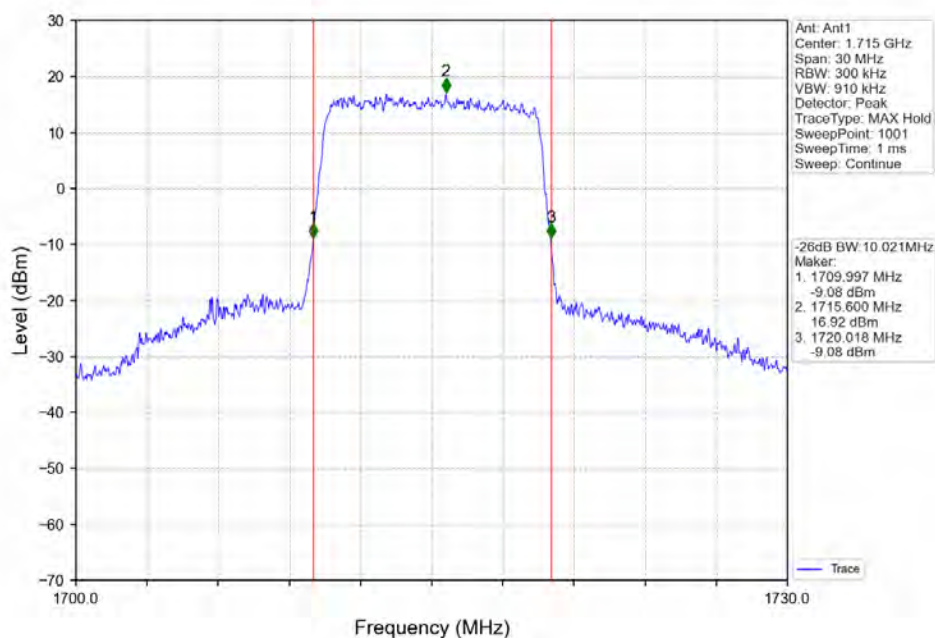
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



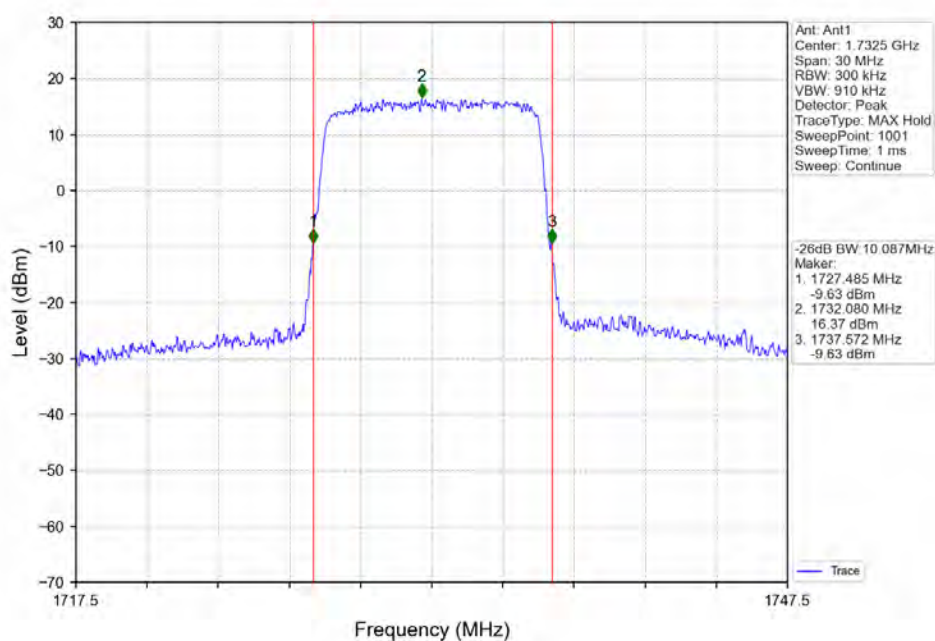
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



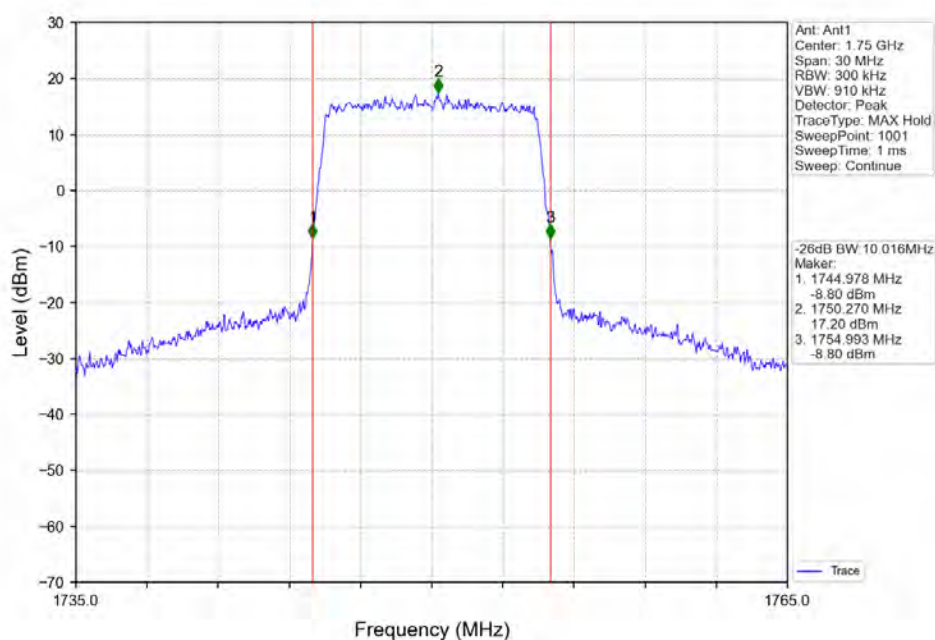
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



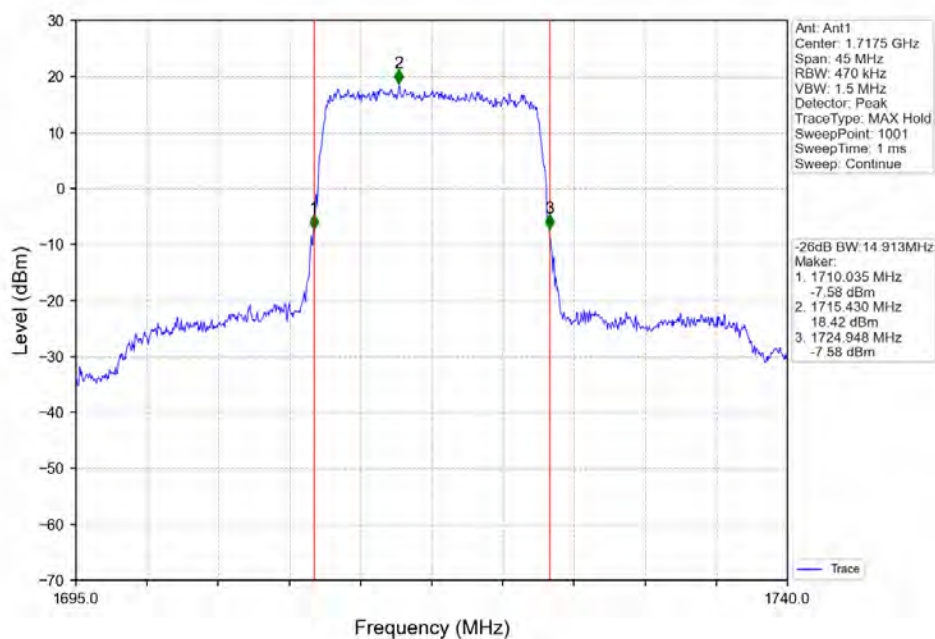
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



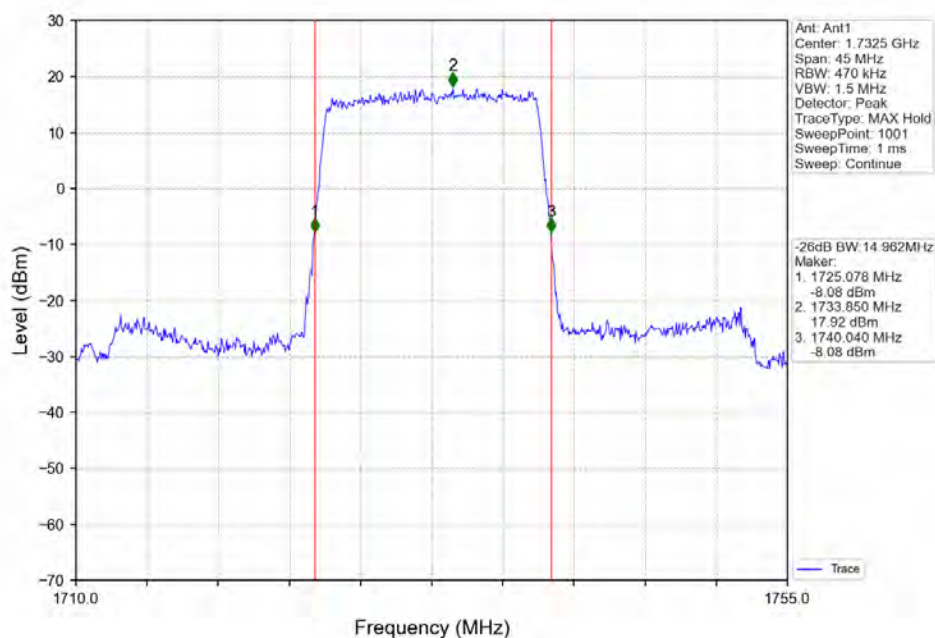
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



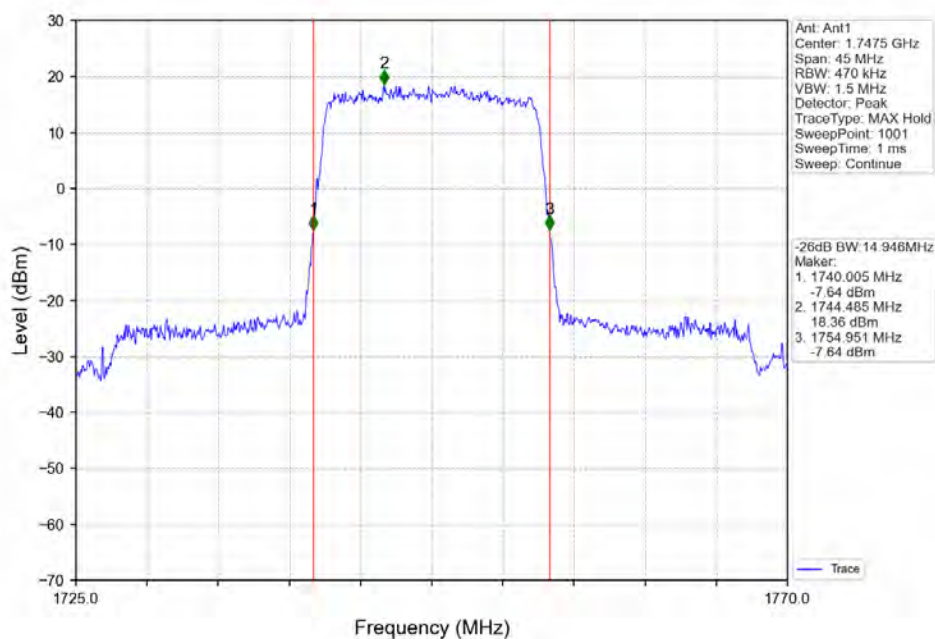
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



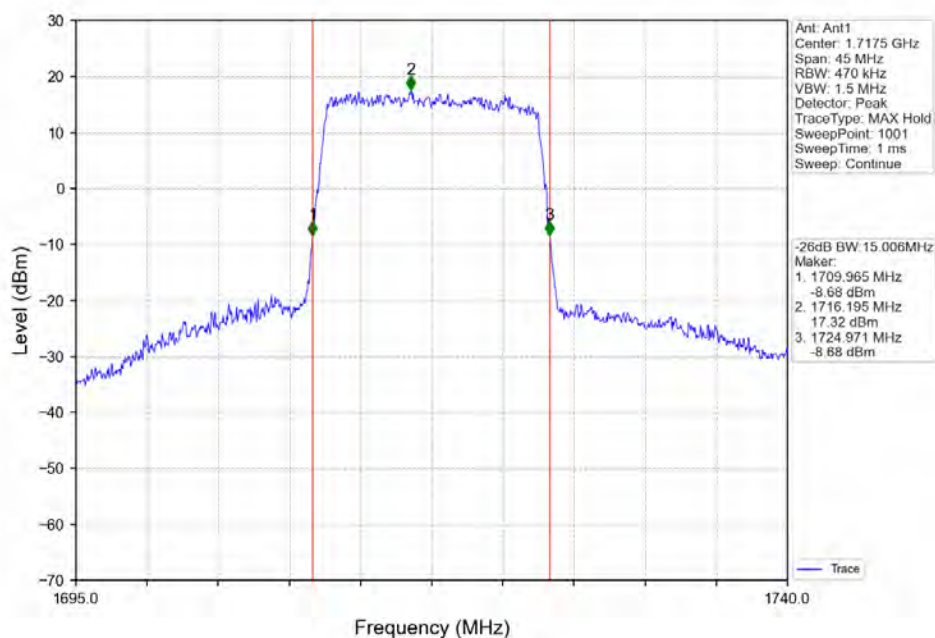
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



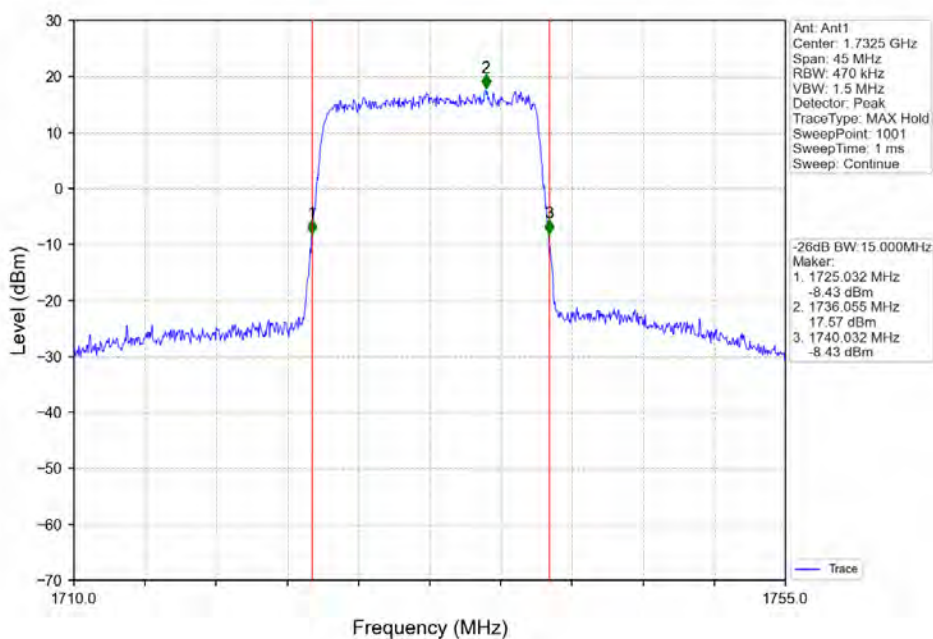
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



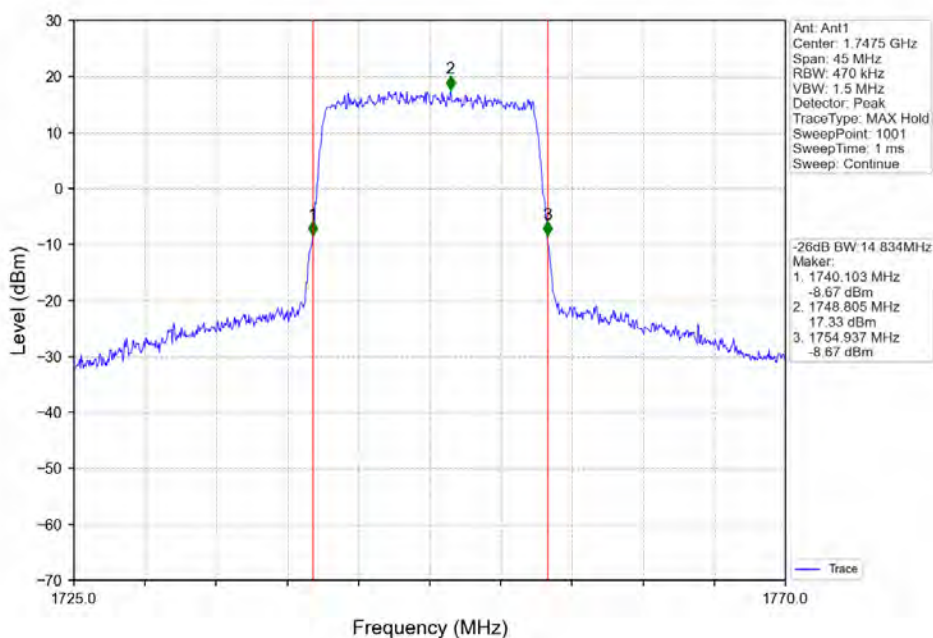
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



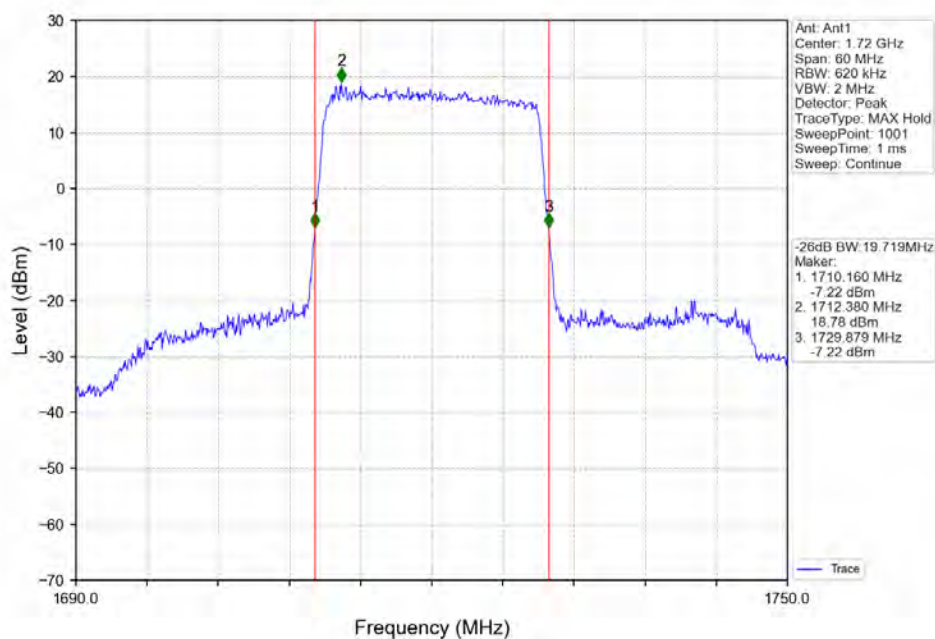
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



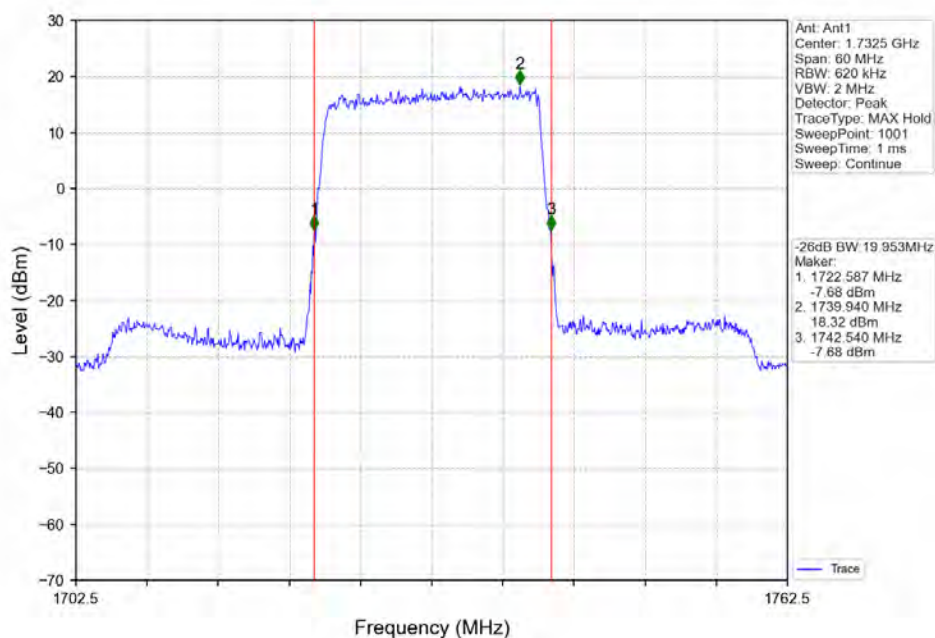
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



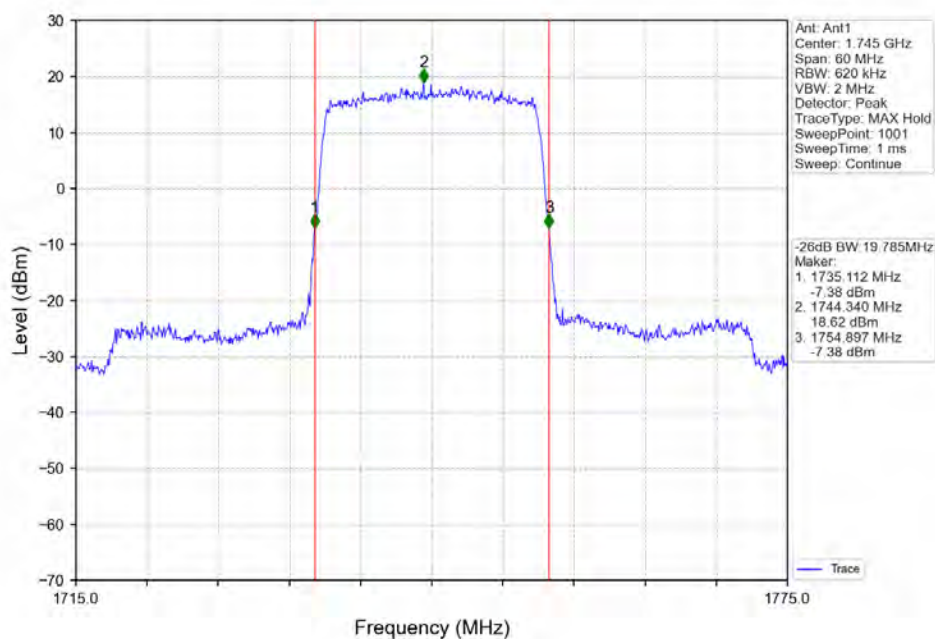
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



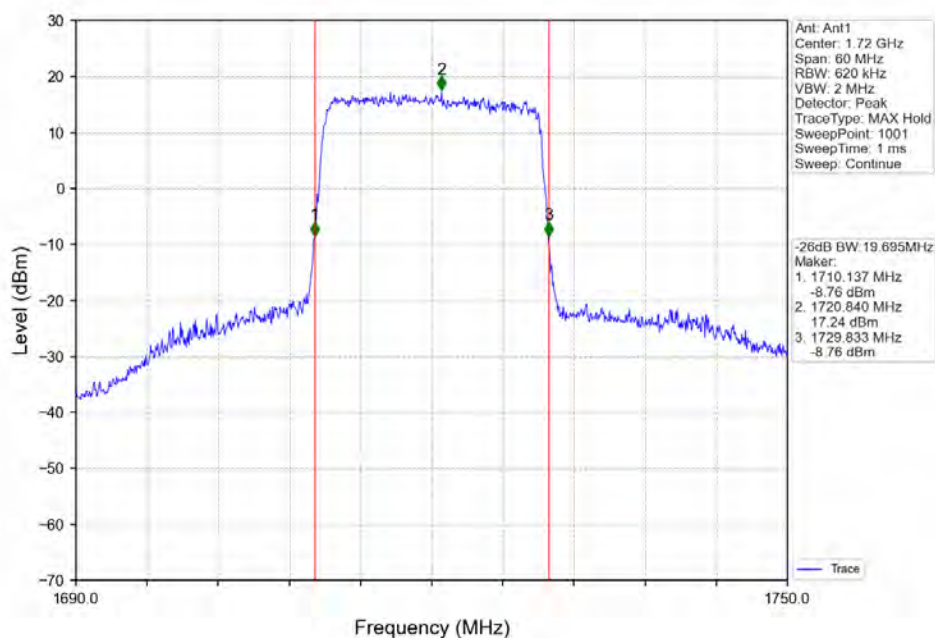
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



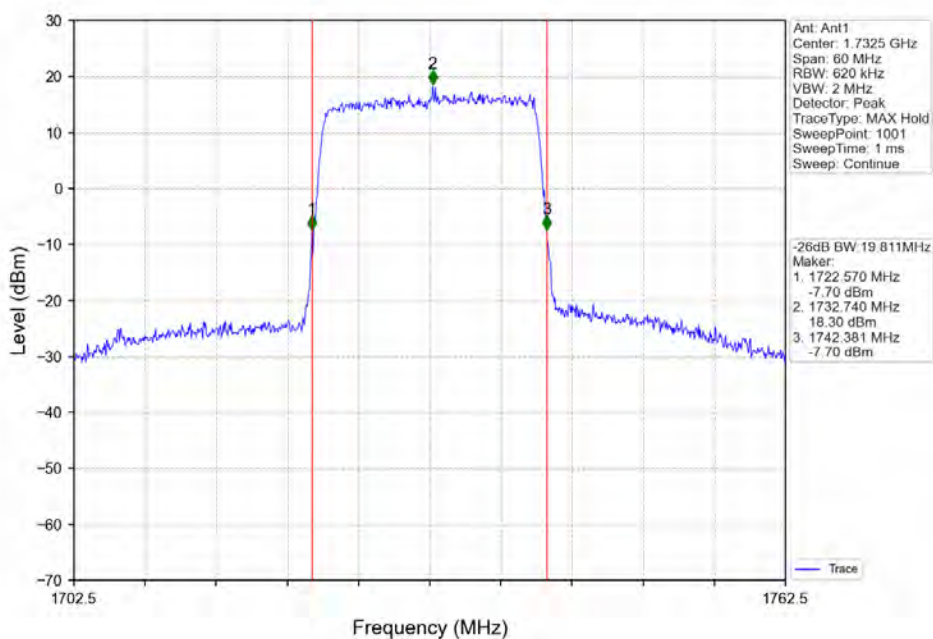
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



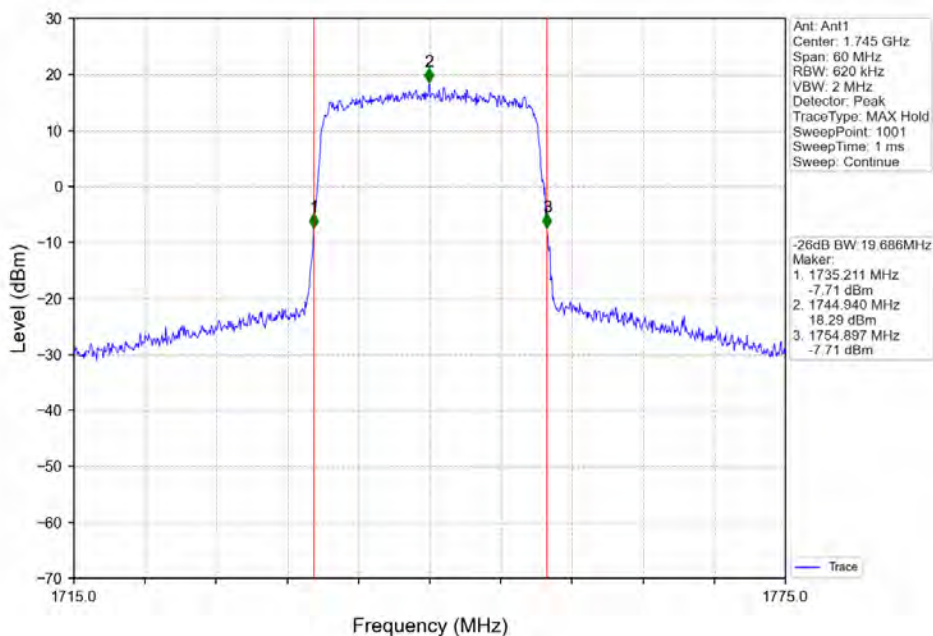
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

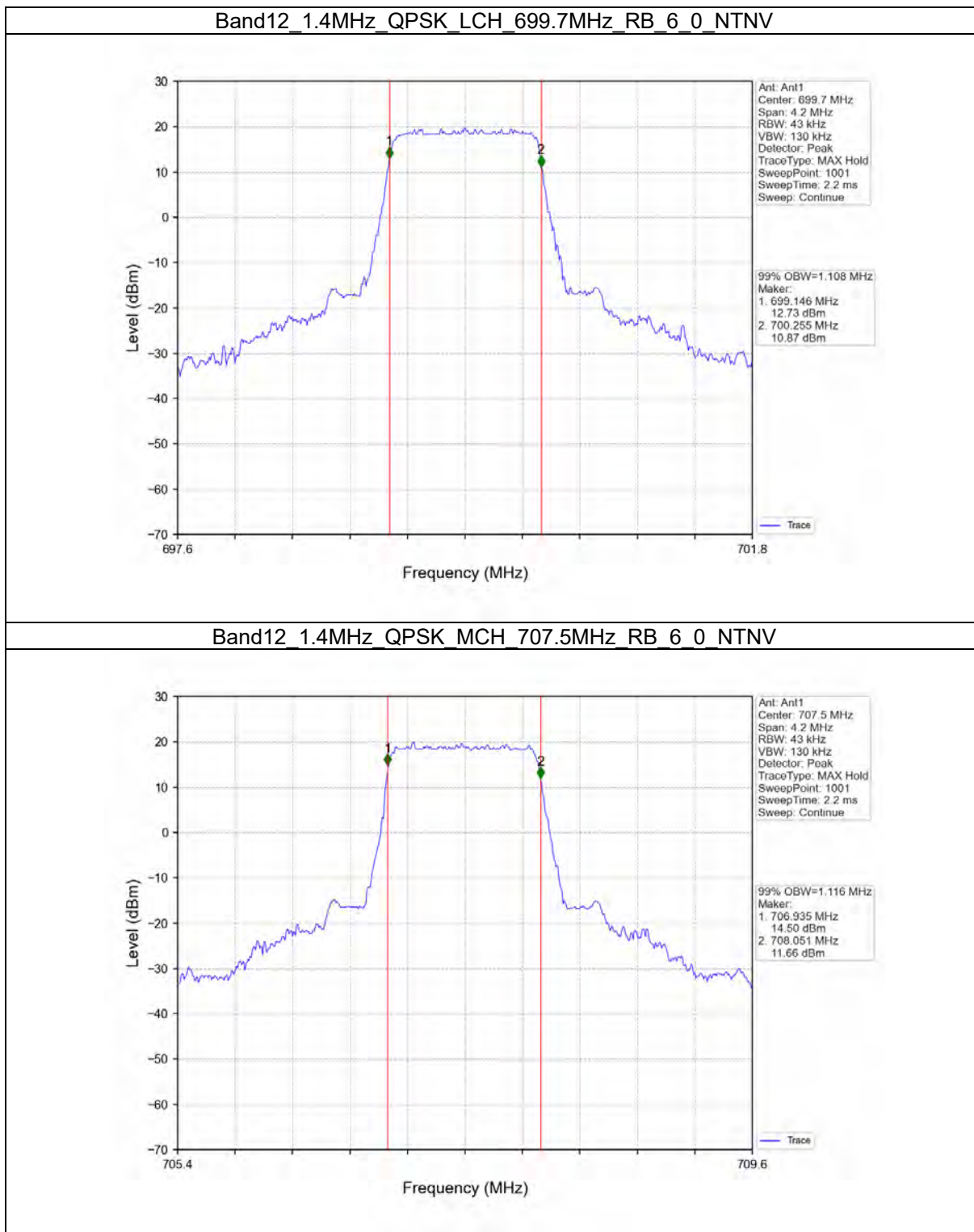


LTE Band12_OBW

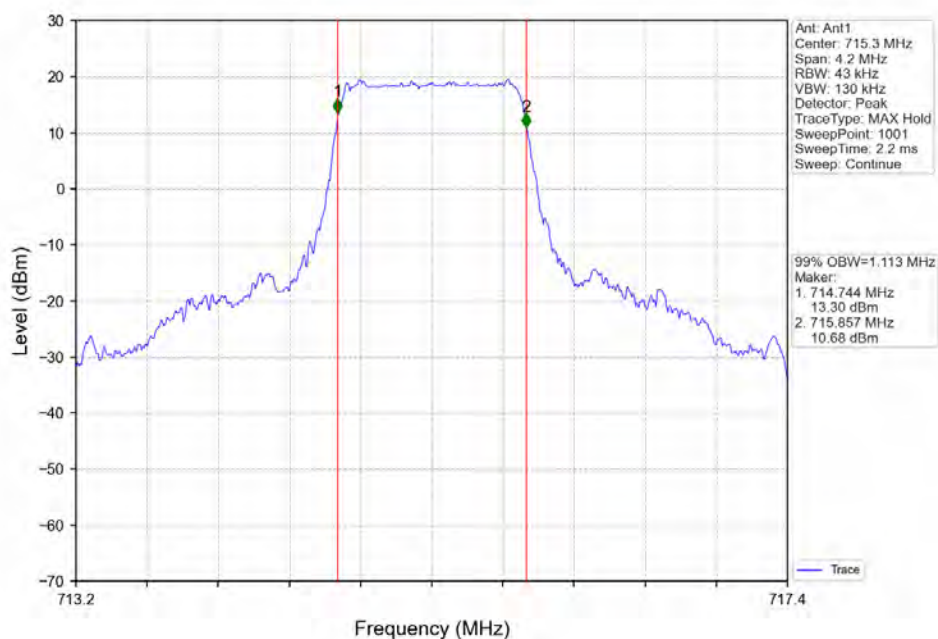
Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.108	Pass
		707.5	6	0	1.116	Pass
		715.3	6	0	1.113	Pass
	16QAM	699.7	6	0	1.105	Pass
		707.5	6	0	1.112	Pass
		715.3	6	0	1.120	Pass
3	QPSK	700.5	15	0	2.744	Pass
		707.5	15	0	2.754	Pass
		714.5	15	0	2.749	Pass
	16QAM	700.5	15	0	2.731	Pass
		707.5	15	0	2.734	Pass
		714.5	15	0	2.727	Pass
5	QPSK	701.5	25	0	4.551	Pass
		707.5	25	0	4.543	Pass
		713.5	25	0	4.544	Pass
	16QAM	701.5	25	0	4.530	Pass
		707.5	25	0	4.566	Pass
		713.5	25	0	4.583	Pass
10	QPSK	704	50	0	9.041	Pass
		707.5	50	0	9.035	Pass
		711	50	0	9.053	Pass
	16QAM	704	50	0	9.029	Pass
		707.5	50	0	9.035	Pass
		711	50	0	9.058	Pass

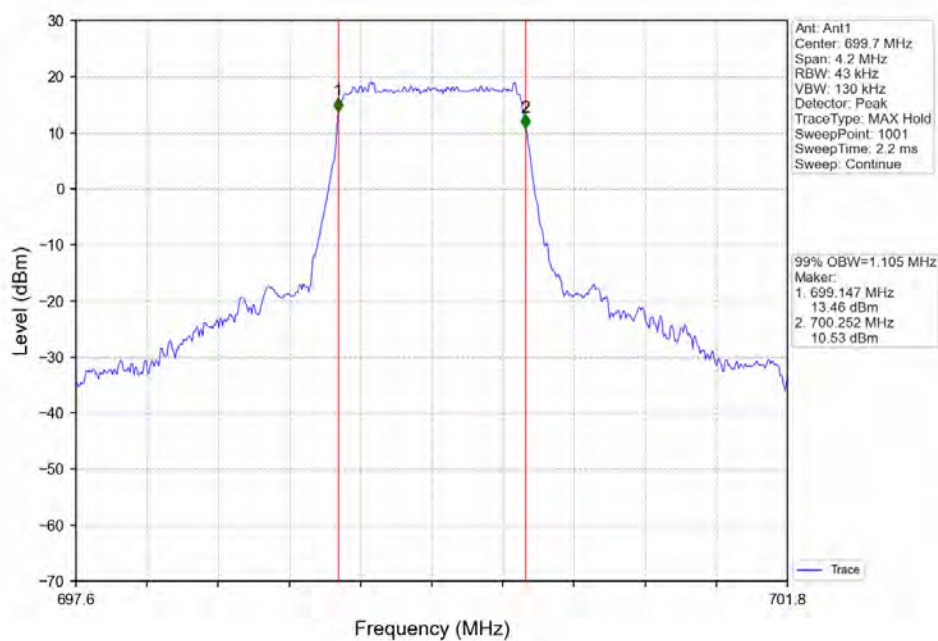
Test Graph



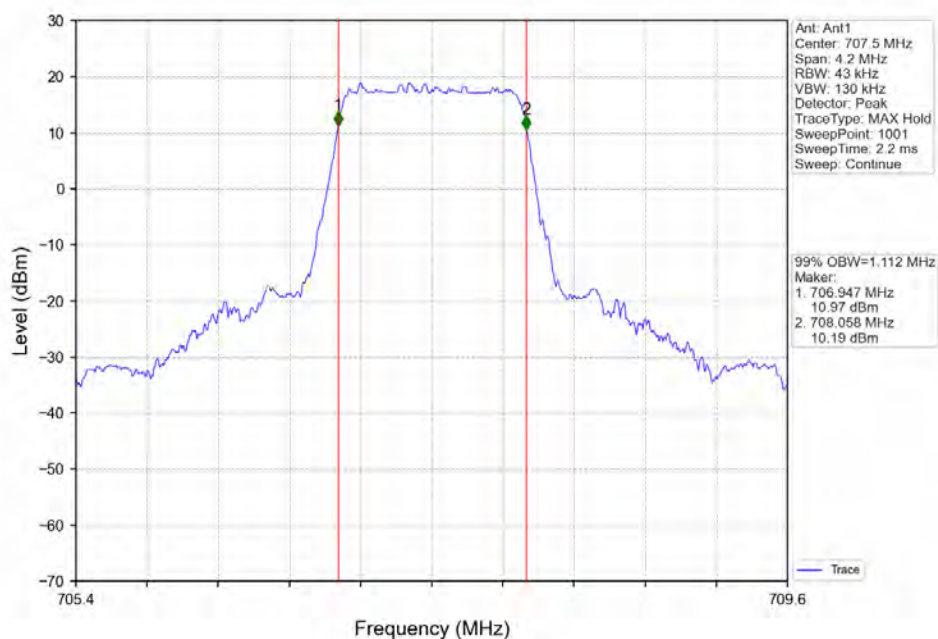
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



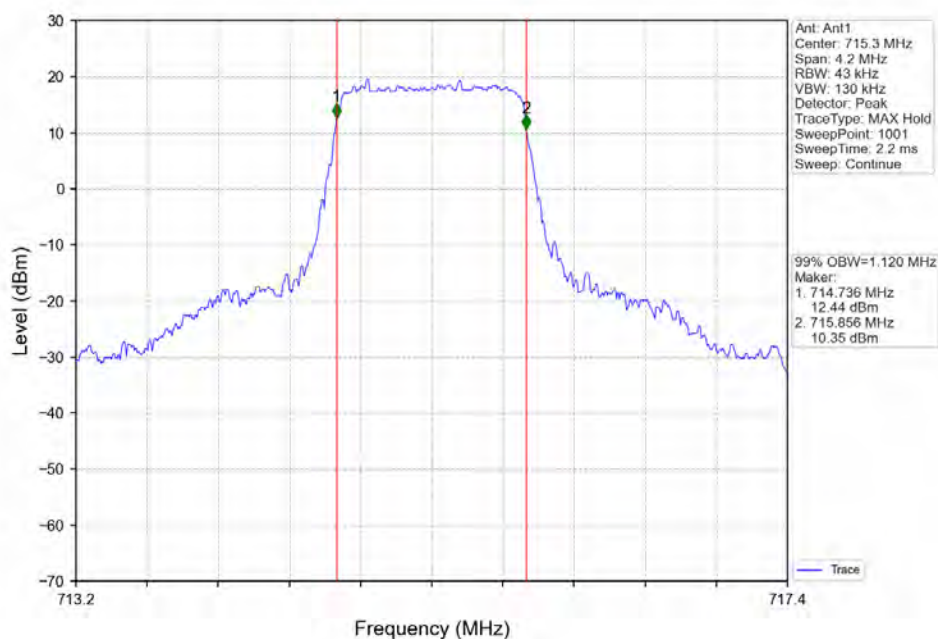
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



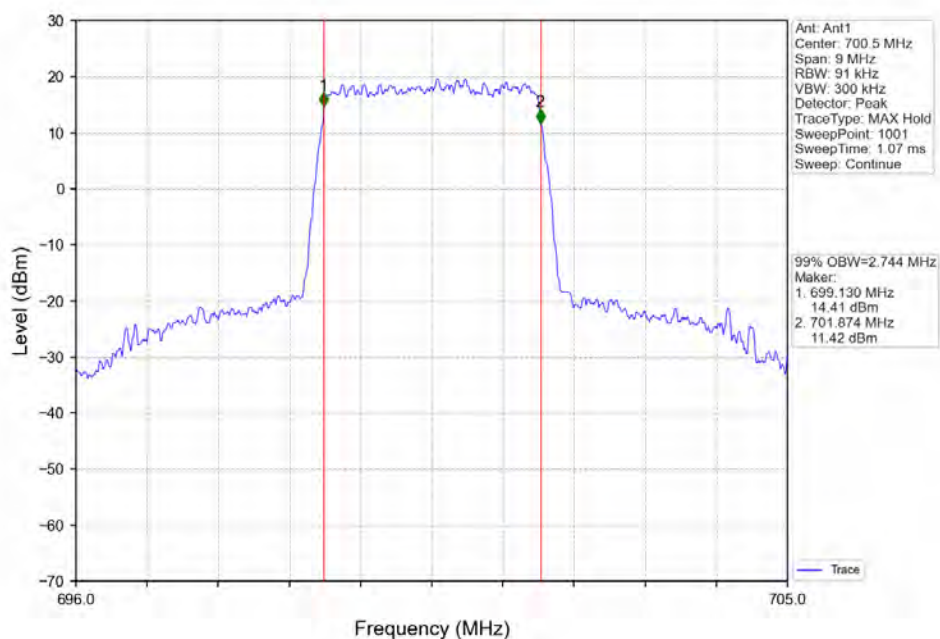
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



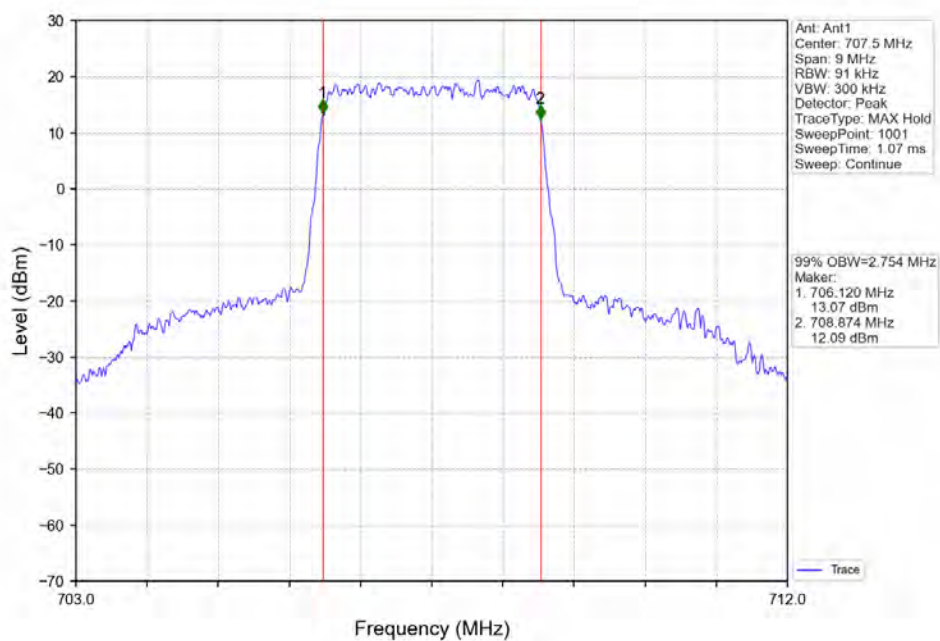
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



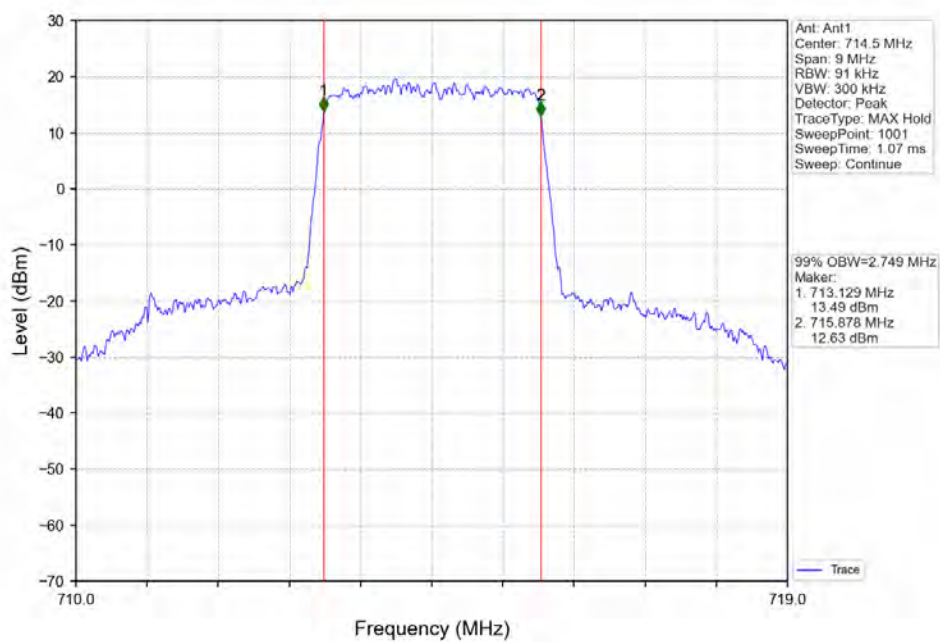
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



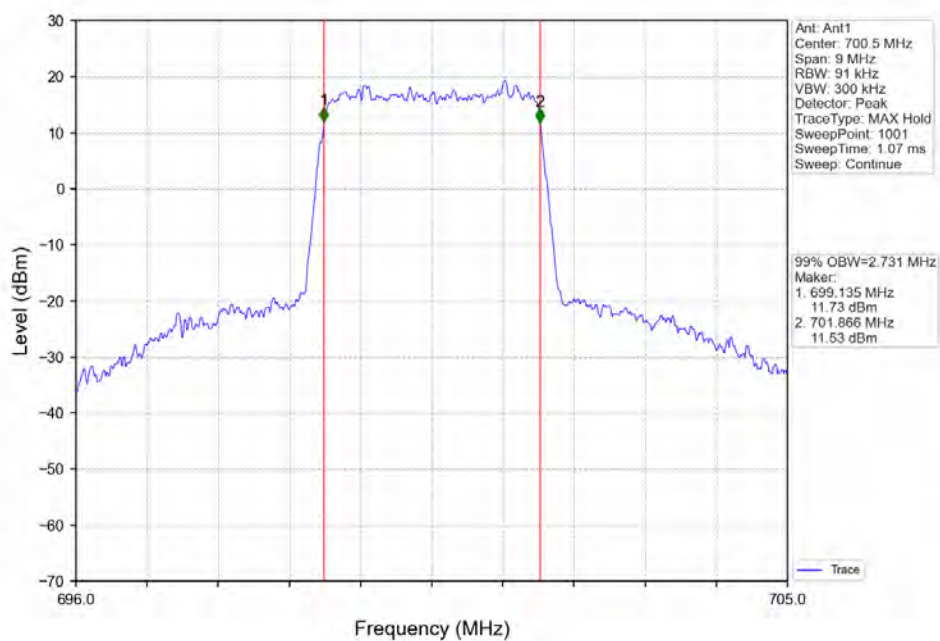
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



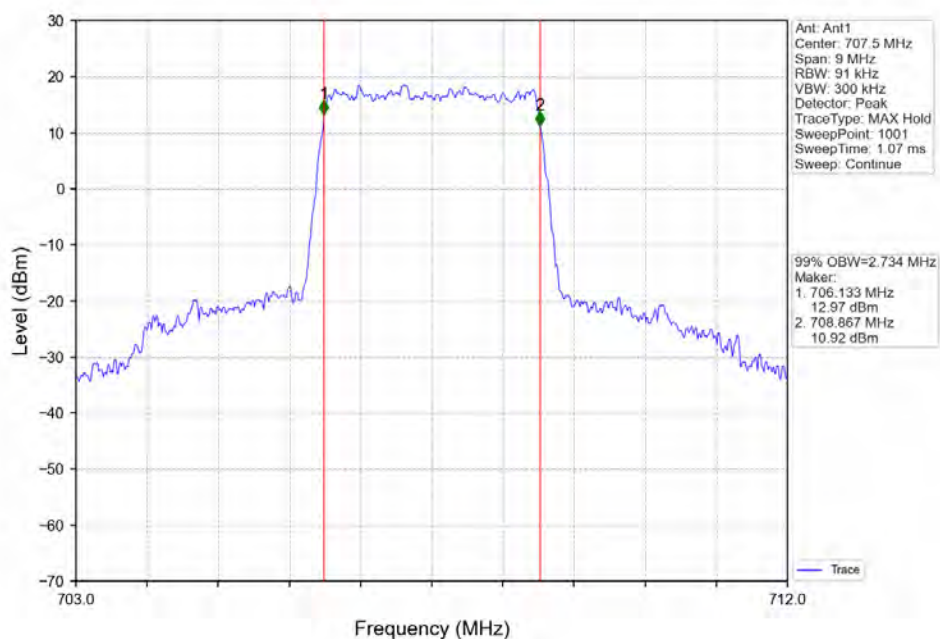
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



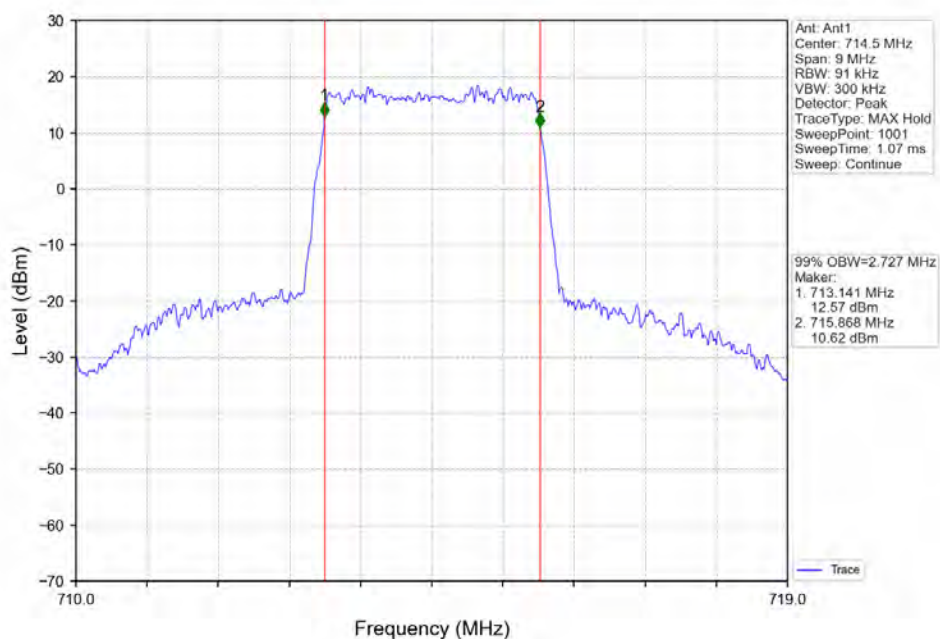
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



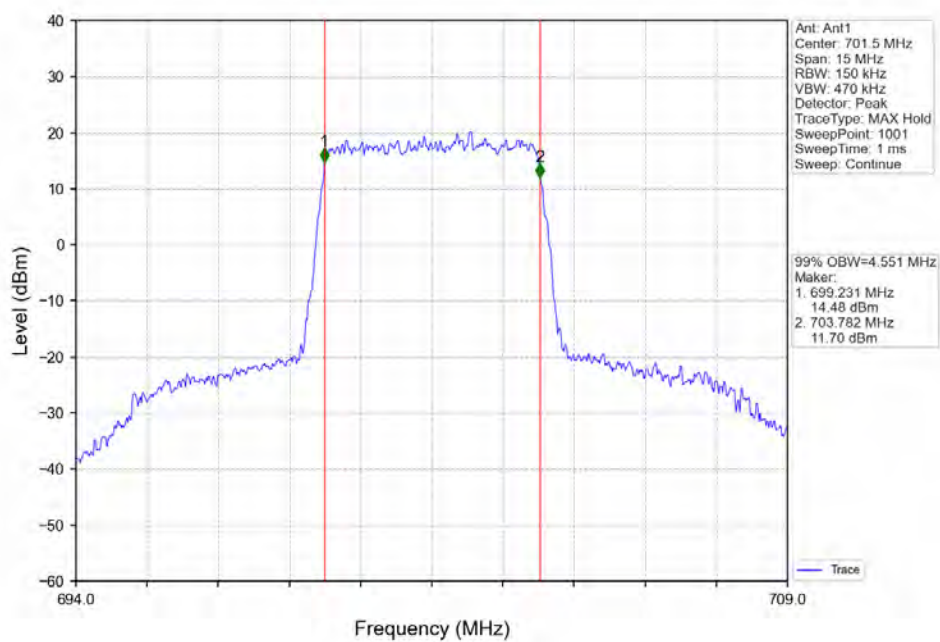
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



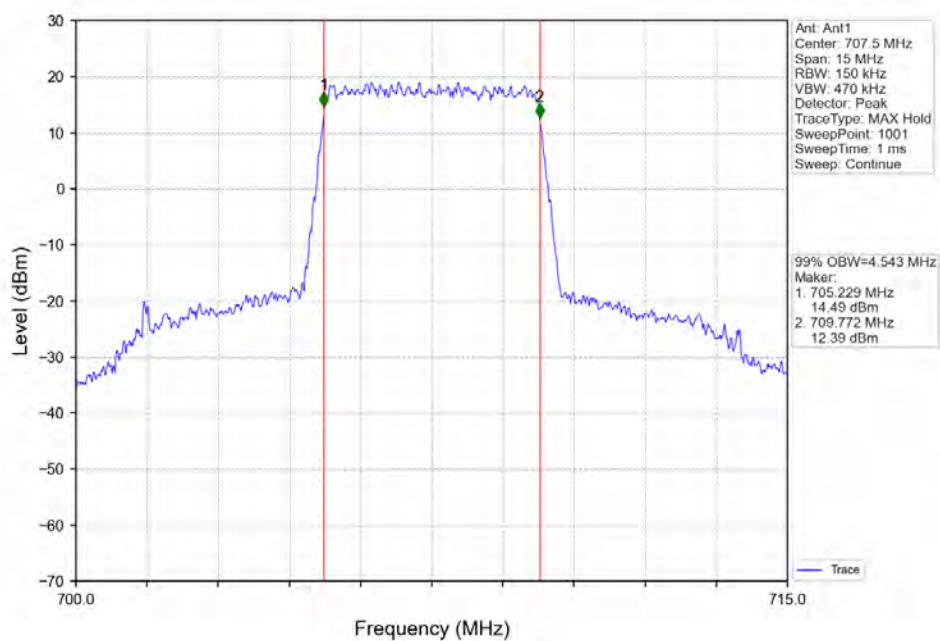
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



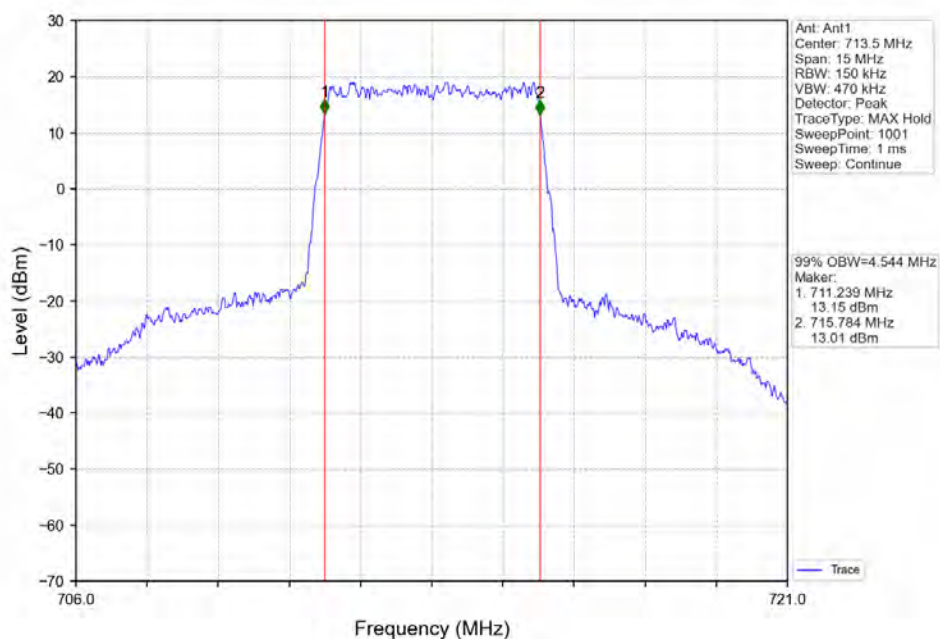
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



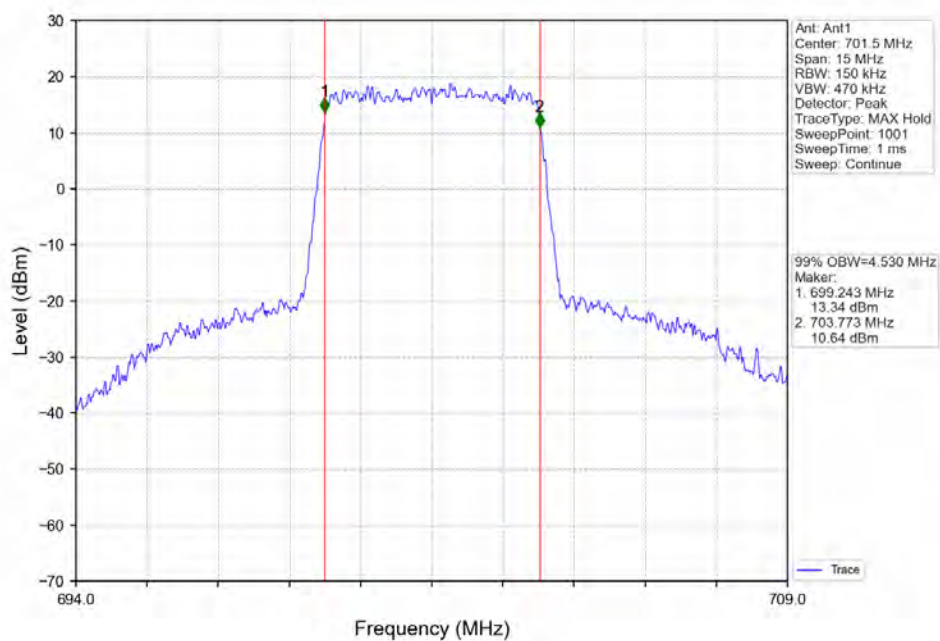
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



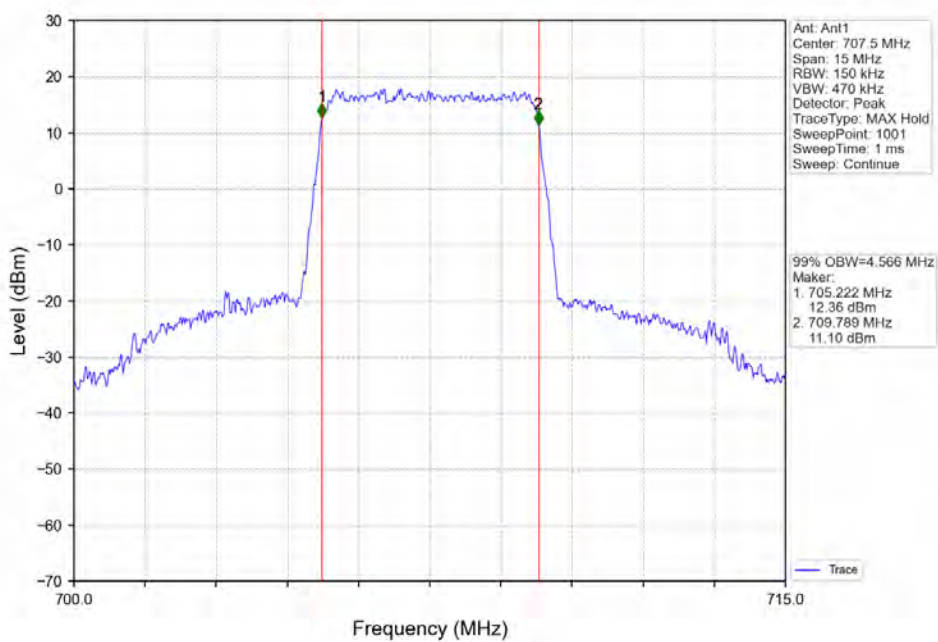
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



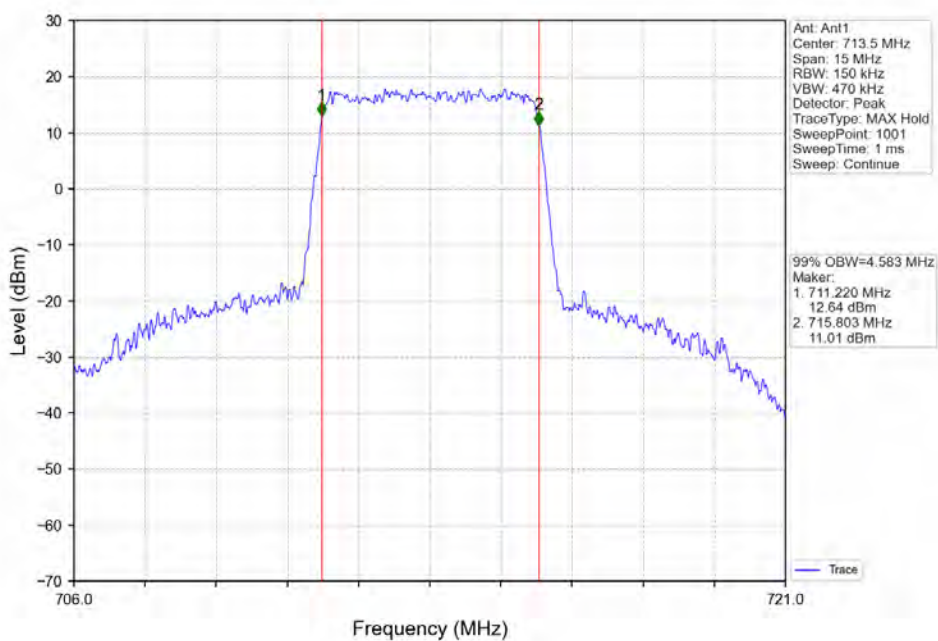
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



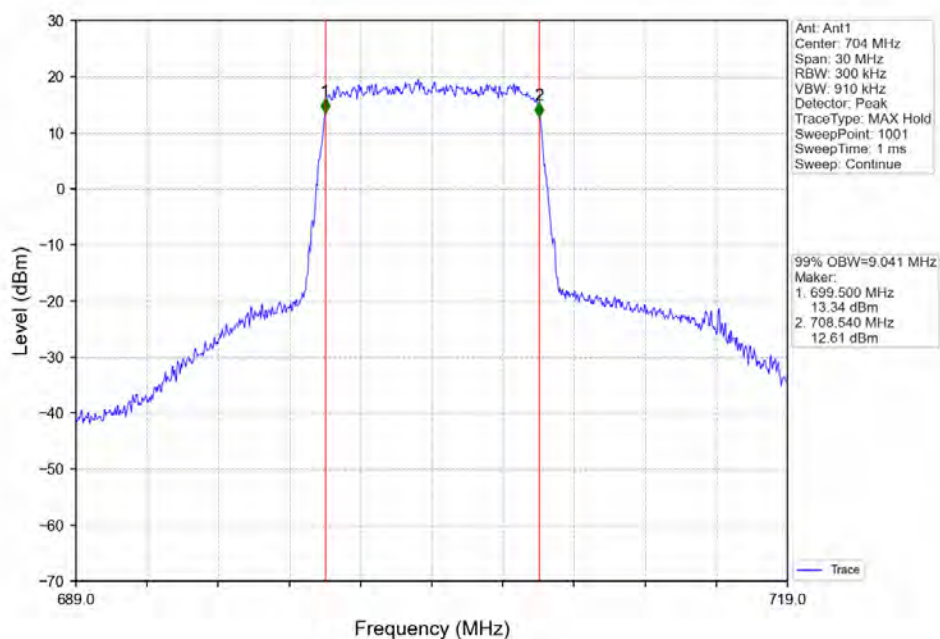
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



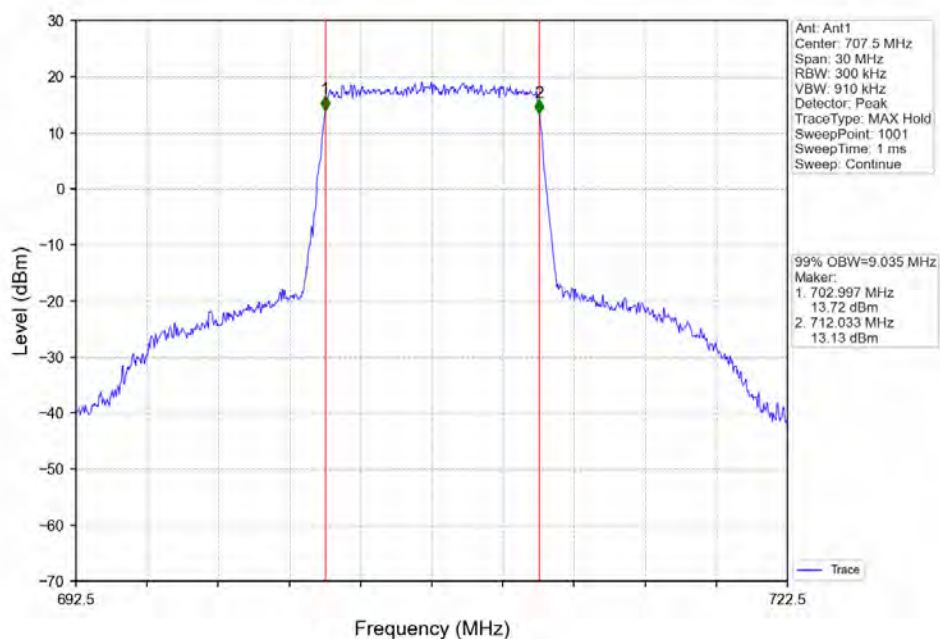
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



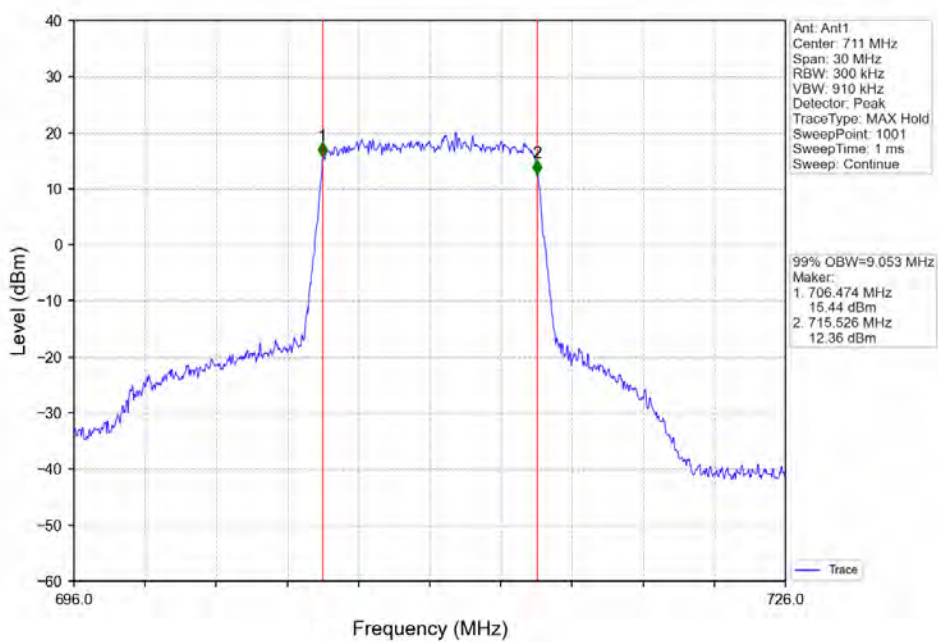
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



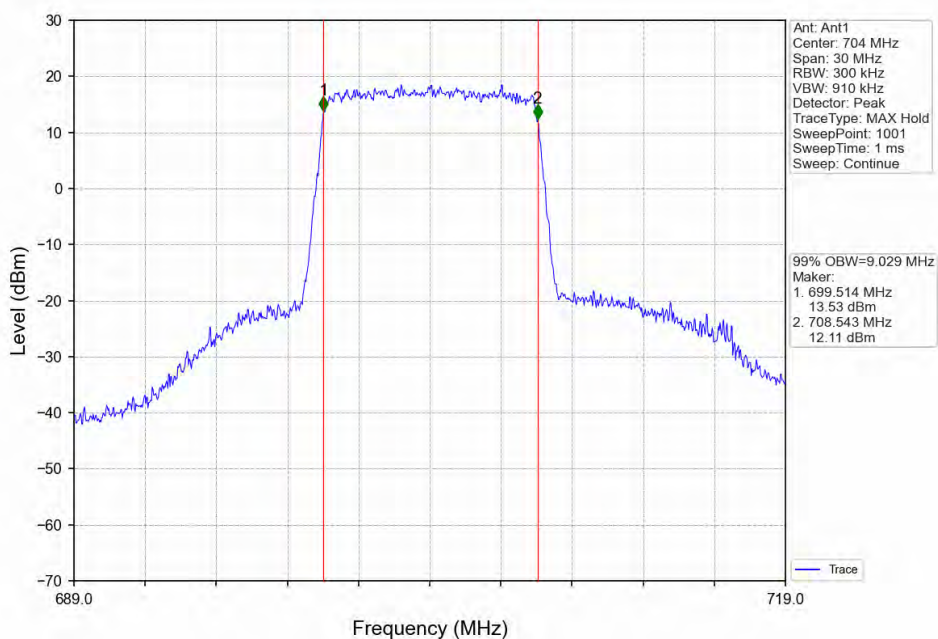
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



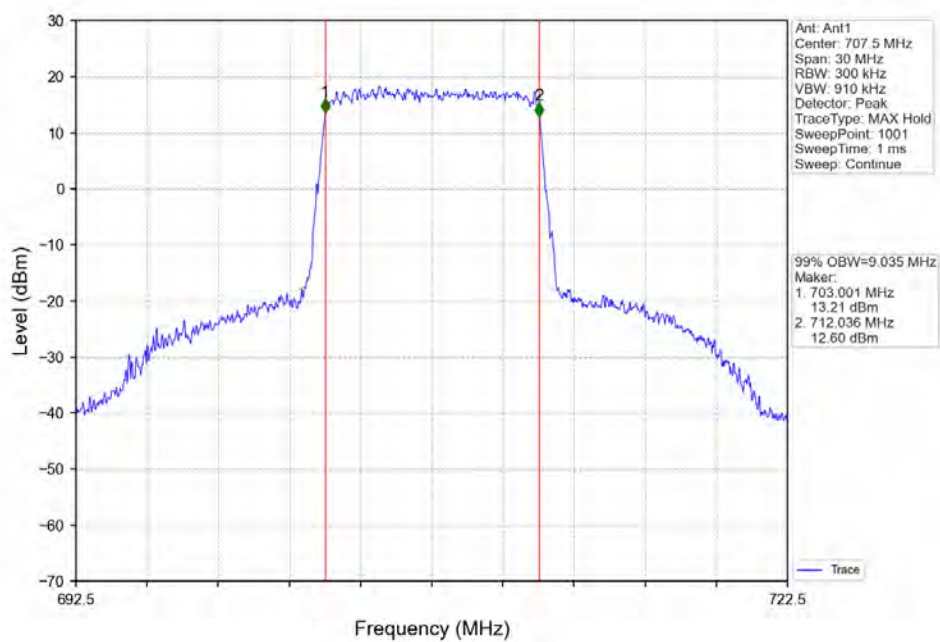
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



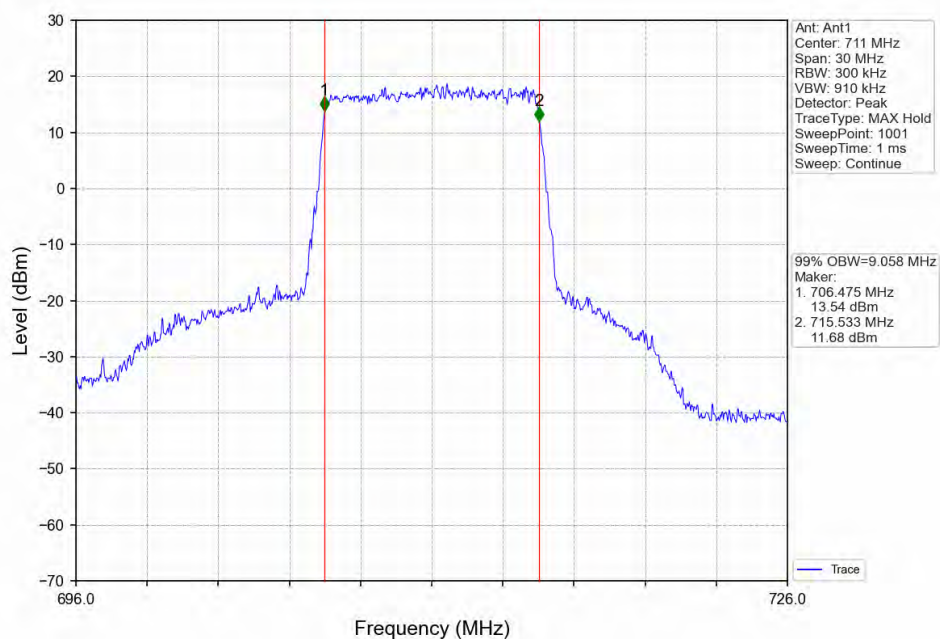
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

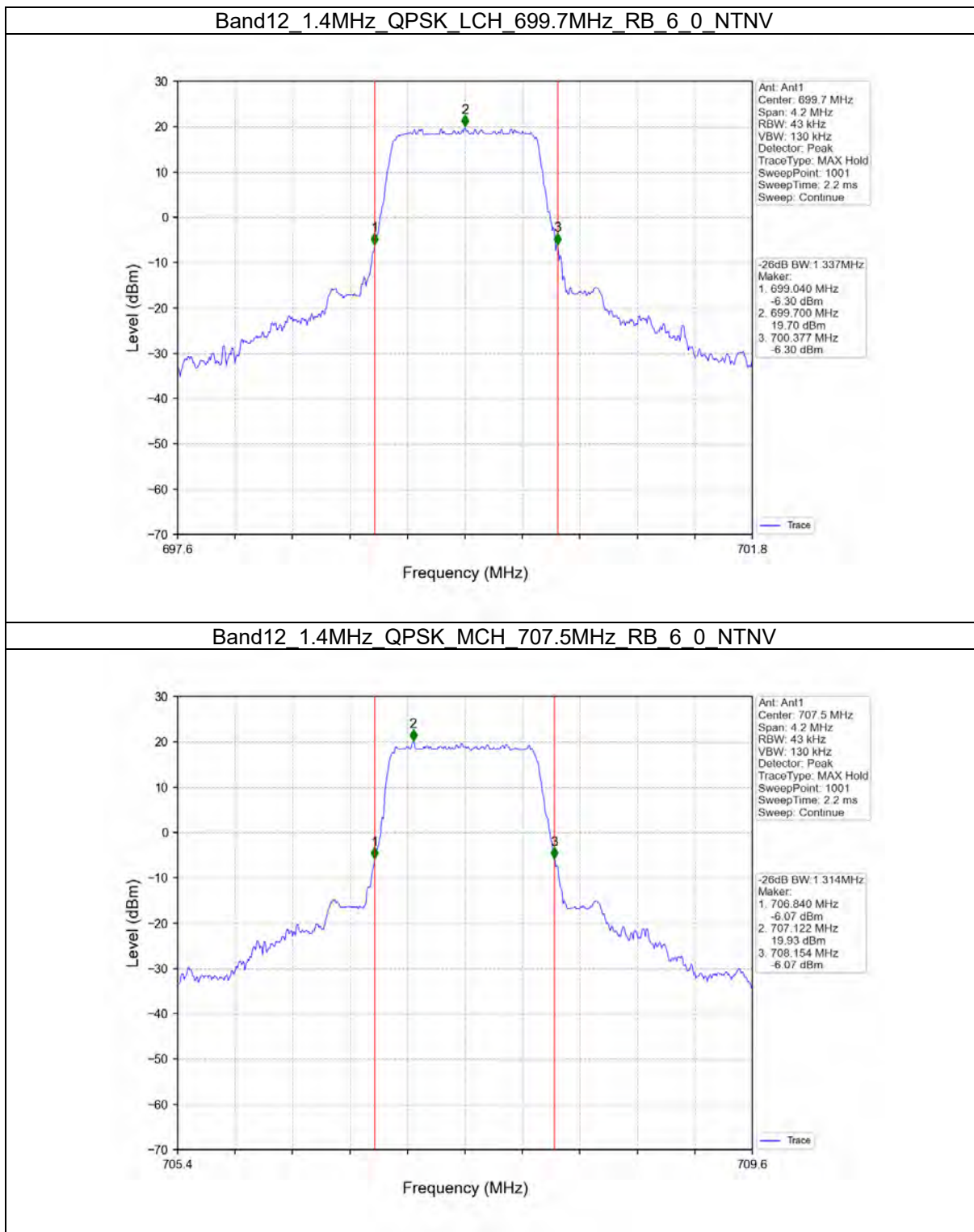


LTE Band12_XDB

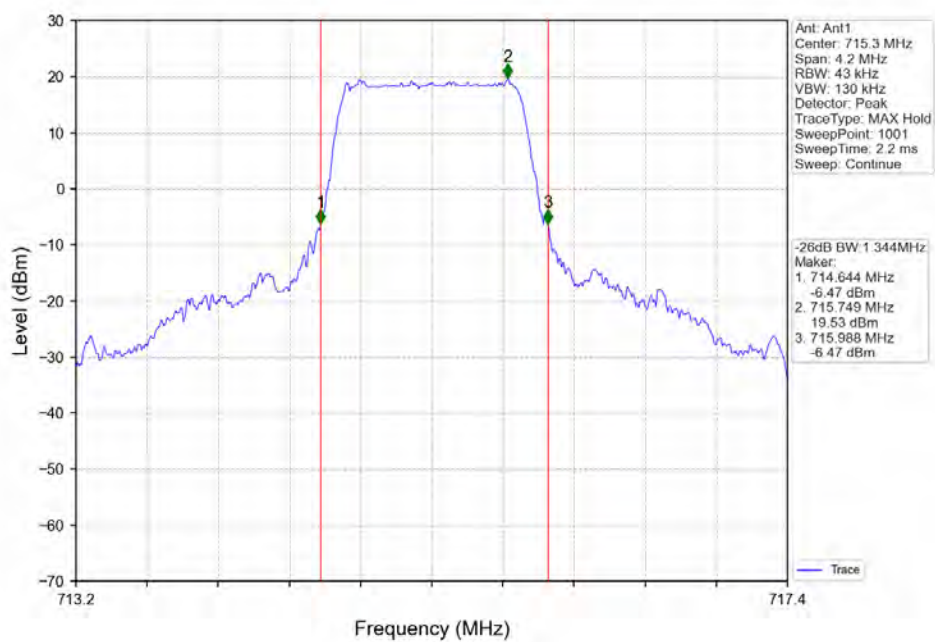
Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.337	Pass
		707.5	6	0	1.314	Pass
		715.3	6	0	1.344	Pass
	16QAM	699.7	6	0	1.303	Pass
		707.5	6	0	1.336	Pass
		715.3	6	0	1.331	Pass
3	QPSK	700.5	15	0	3.070	Pass
		707.5	15	0	3.070	Pass
		714.5	15	0	3.064	Pass
	16QAM	700.5	15	0	3.033	Pass
		707.5	15	0	3.044	Pass
		714.5	15	0	3.043	Pass
5	QPSK	701.5	25	0	5.049	Pass
		707.5	25	0	5.085	Pass
		713.5	25	0	5.067	Pass
	16QAM	701.5	25	0	5.054	Pass
		707.5	25	0	5.105	Pass
		713.5	25	0	5.111	Pass
10	QPSK	704	50	0	10.098	Pass
		707.5	50	0	10.075	Pass
		711	50	0	10.001	Pass
	16QAM	704	50	0	10.043	Pass
		707.5	50	0	10.084	Pass
		711	50	0	10.041	Pass

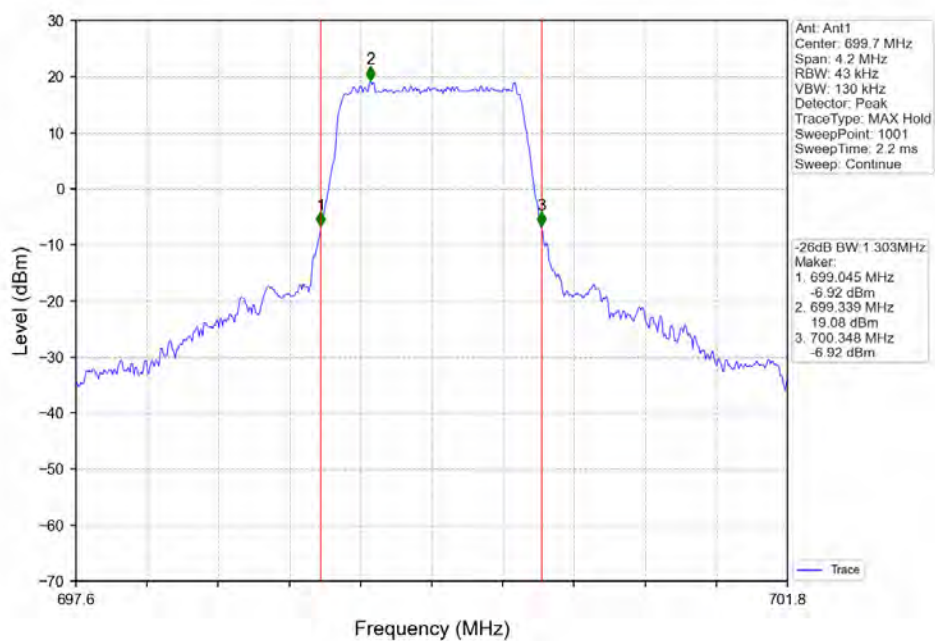
Test Graph



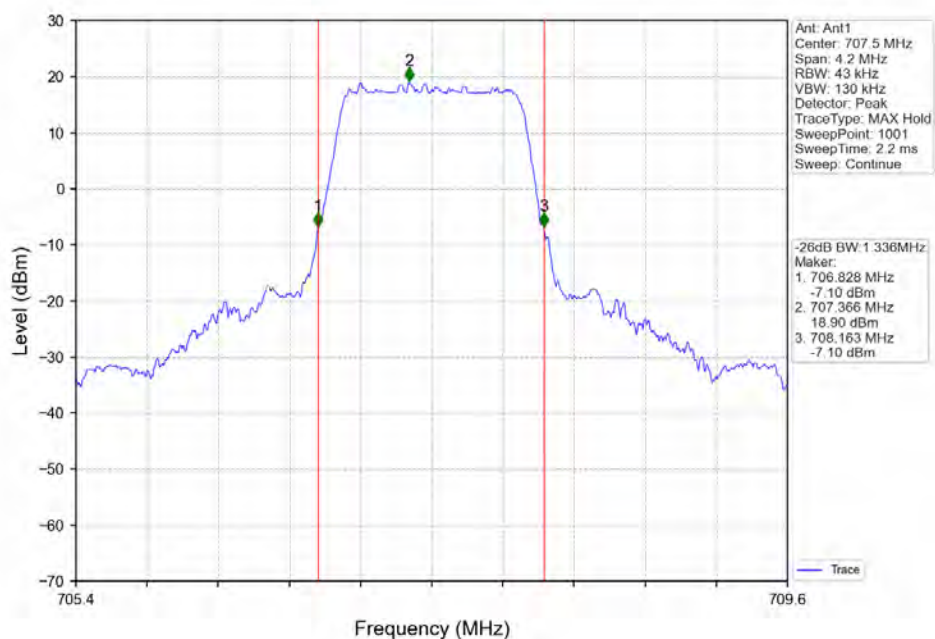
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



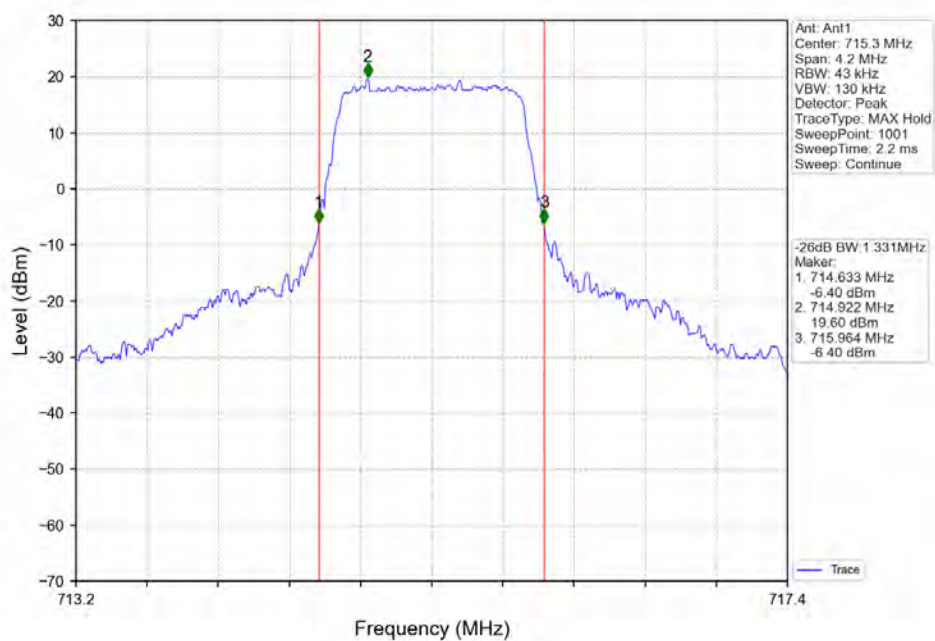
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



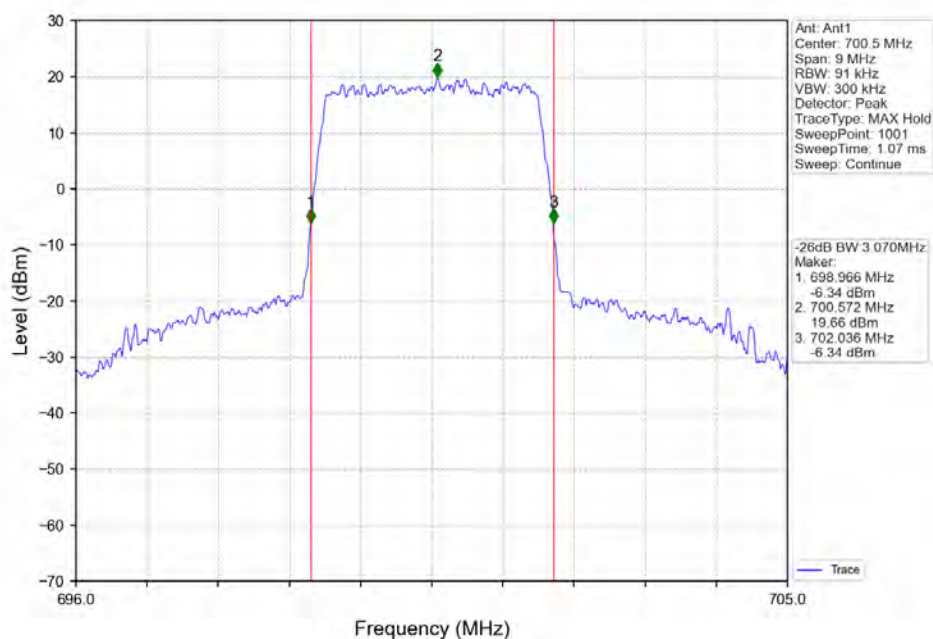
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



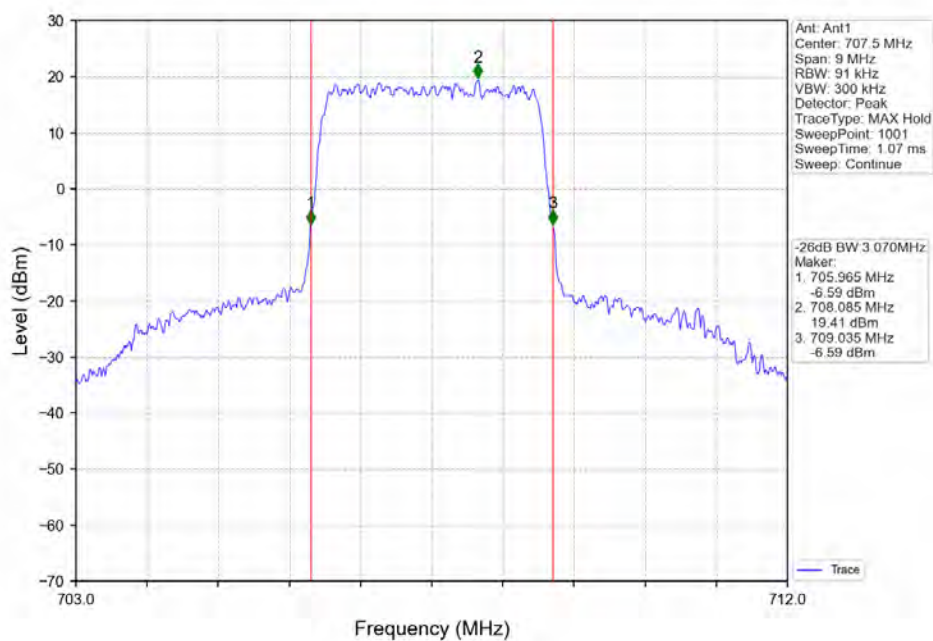
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



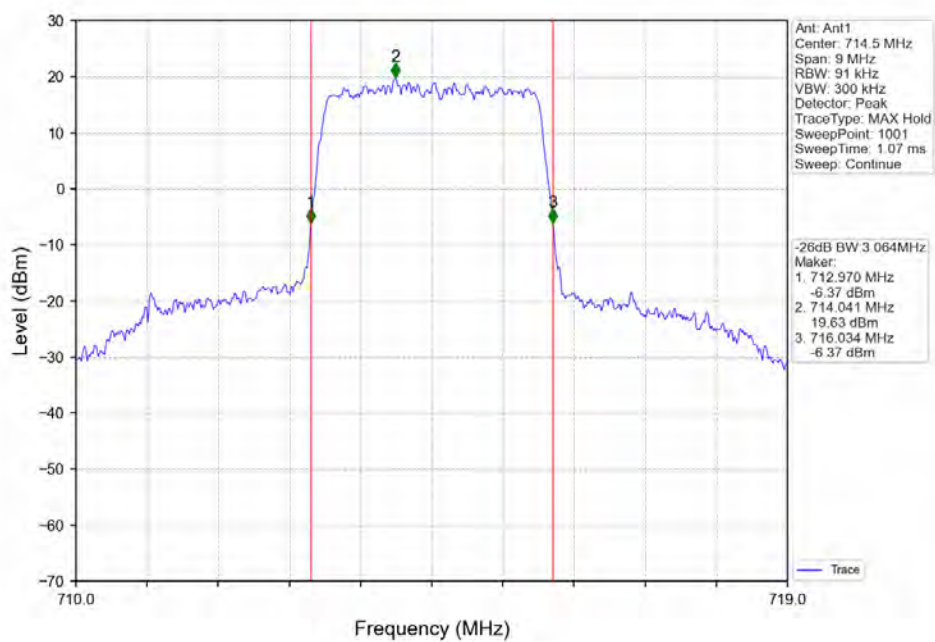
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



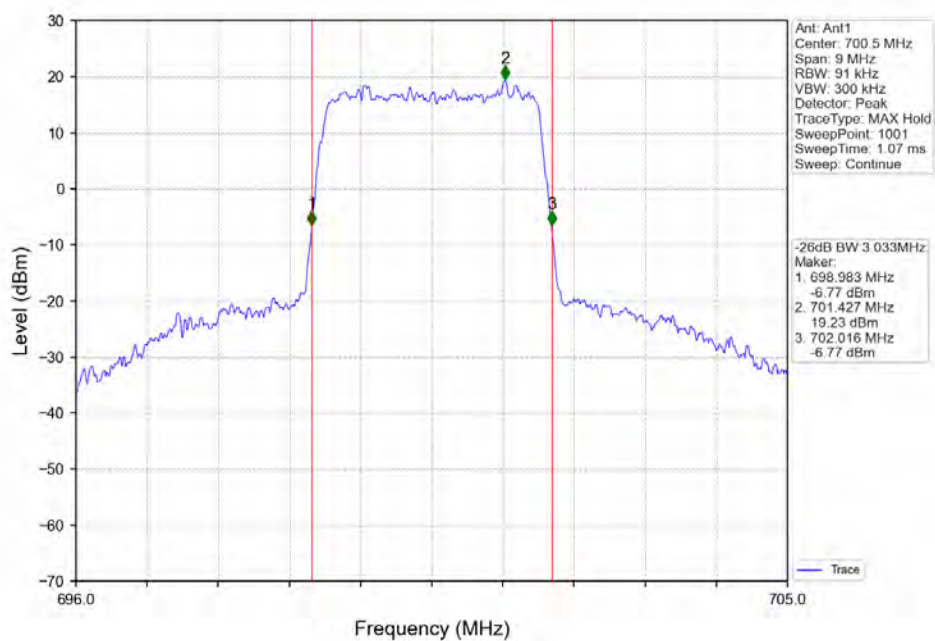
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



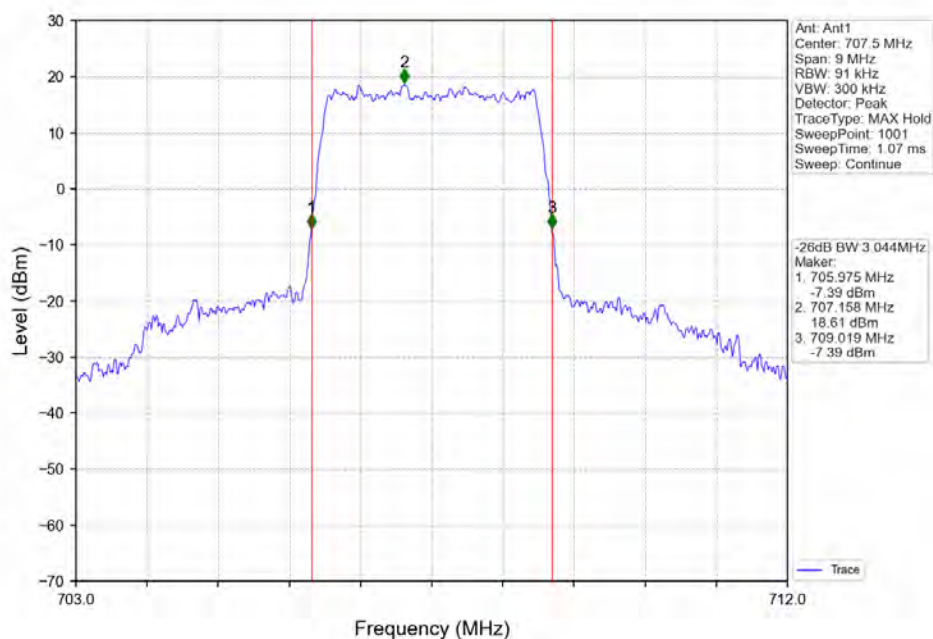
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



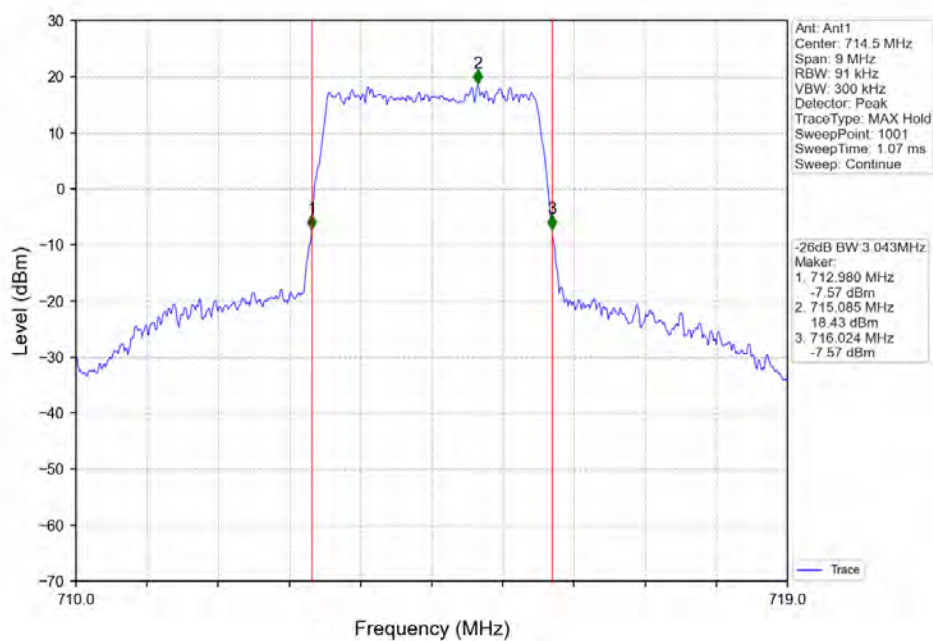
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



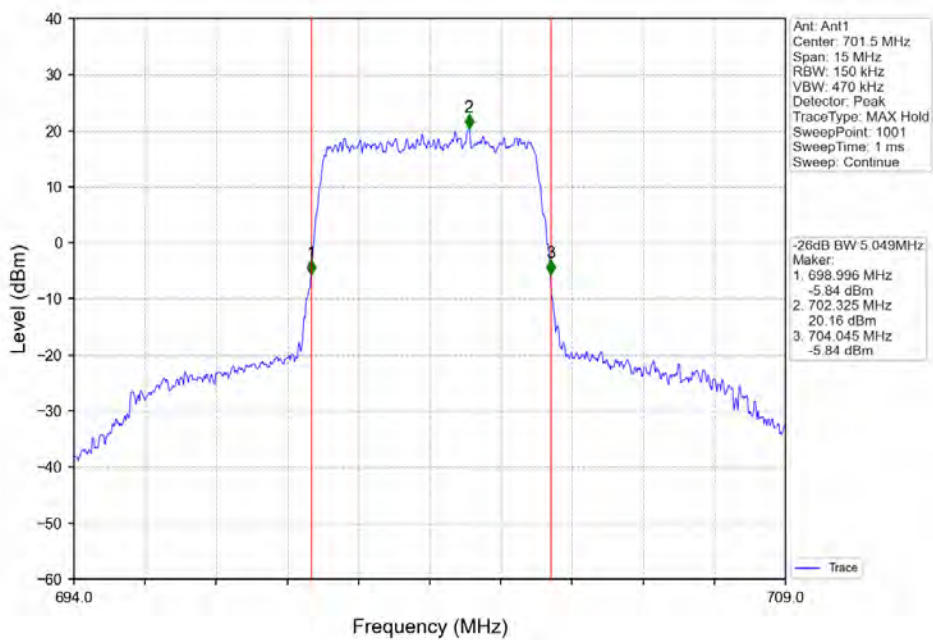
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



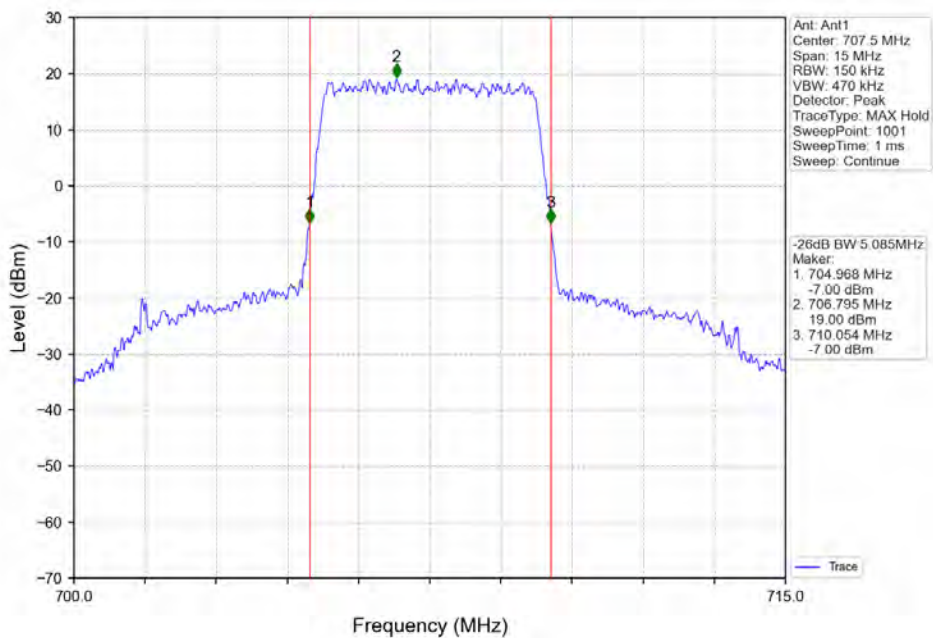
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



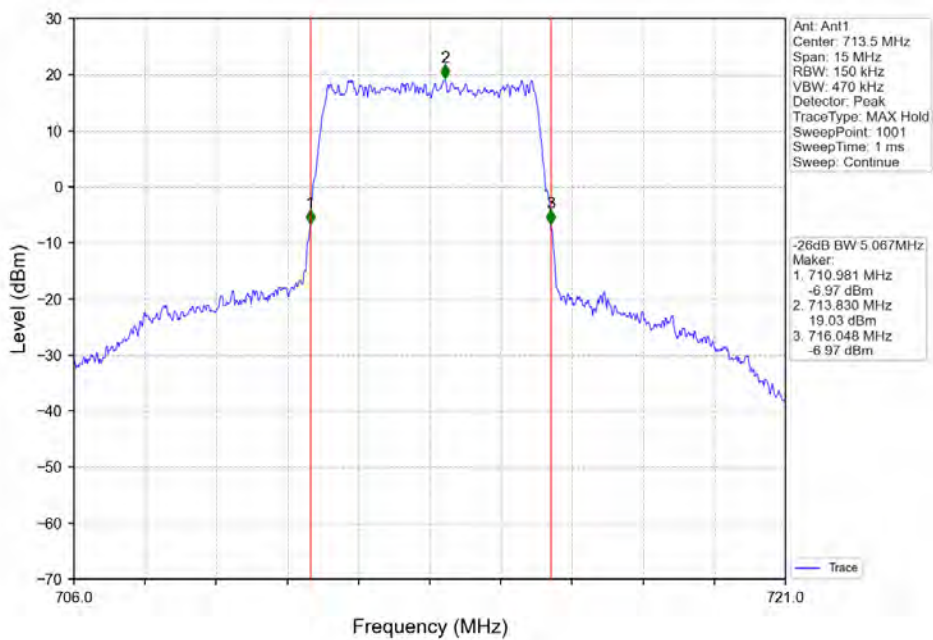
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



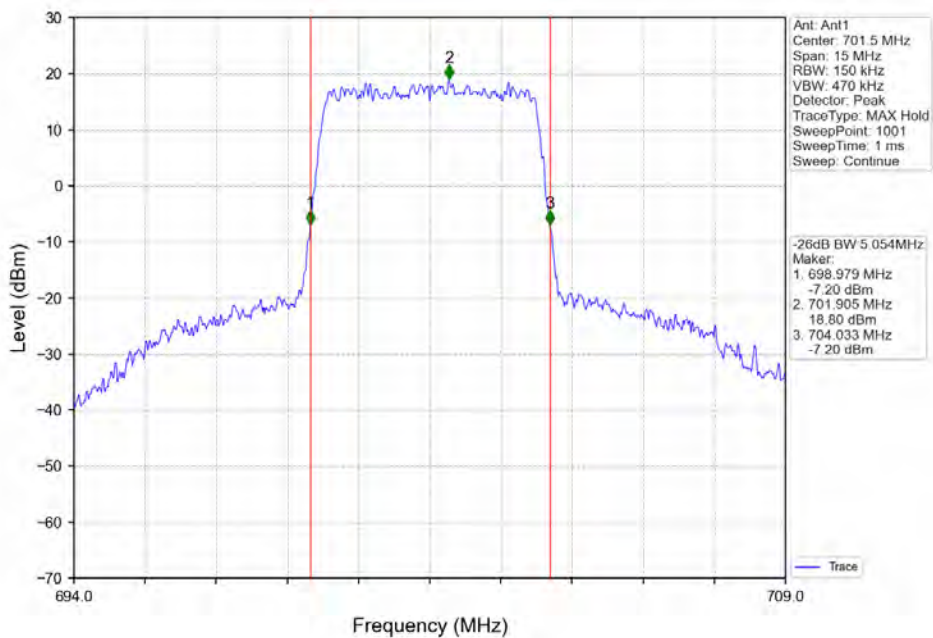
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



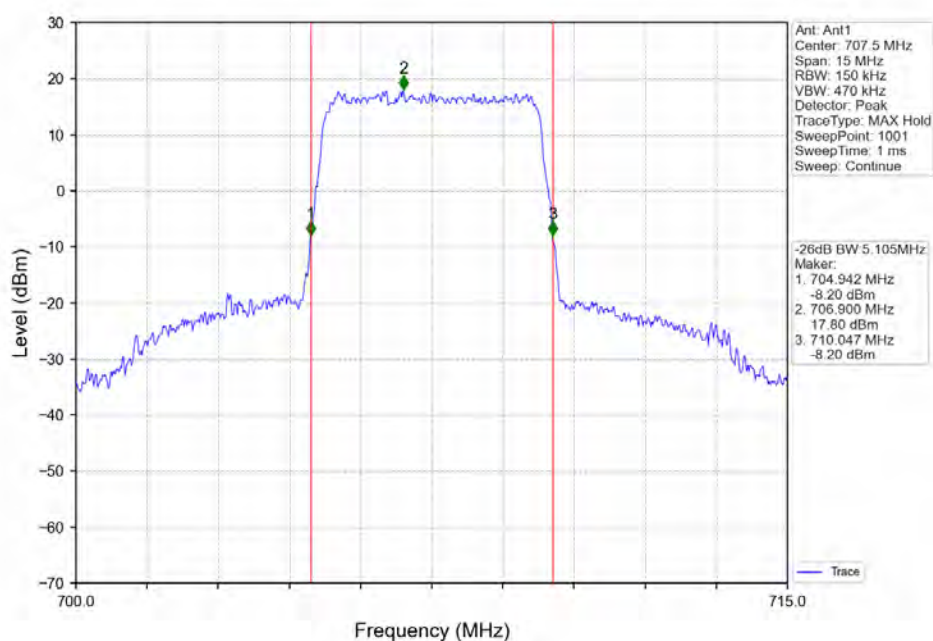
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



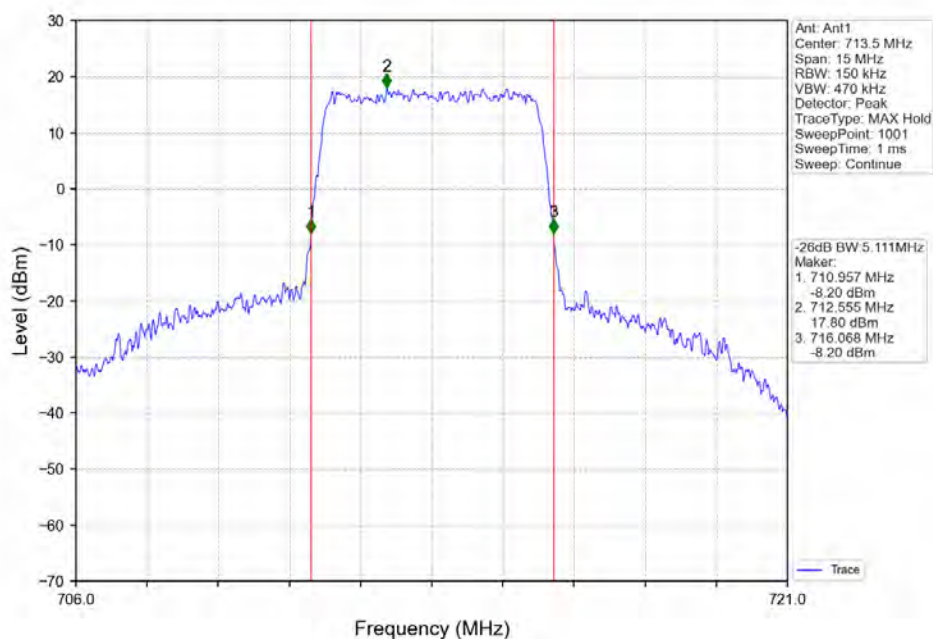
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



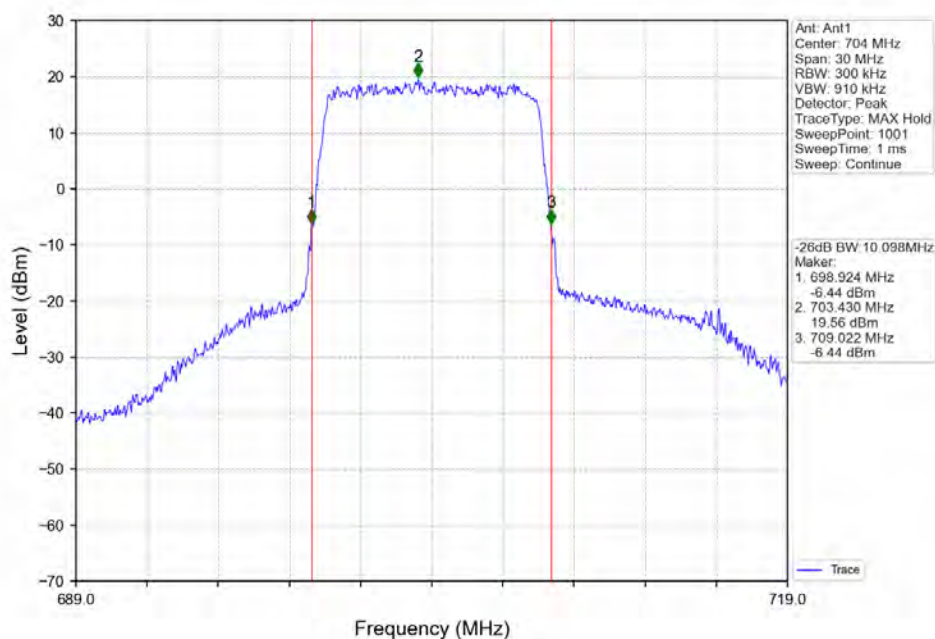
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



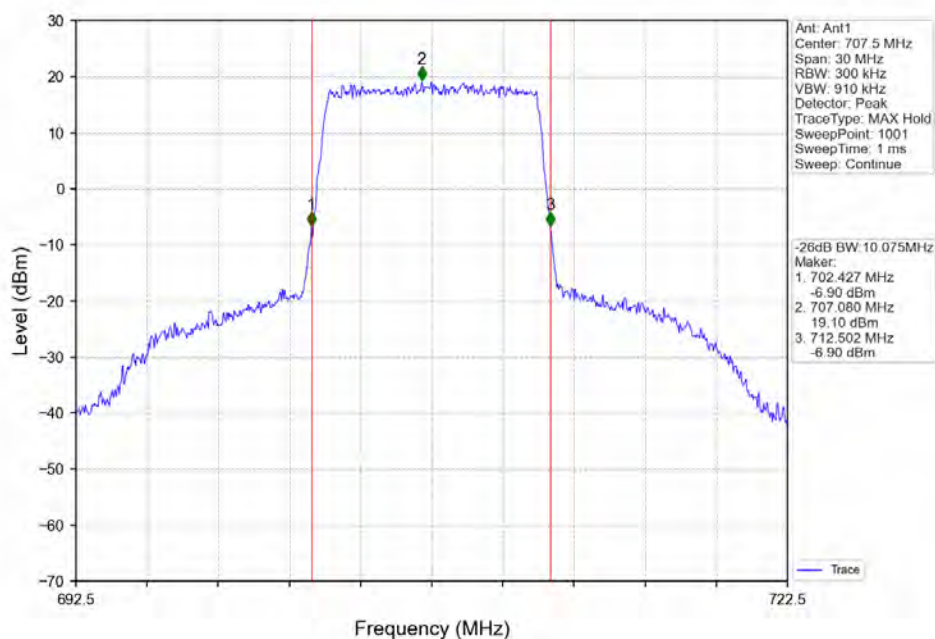
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



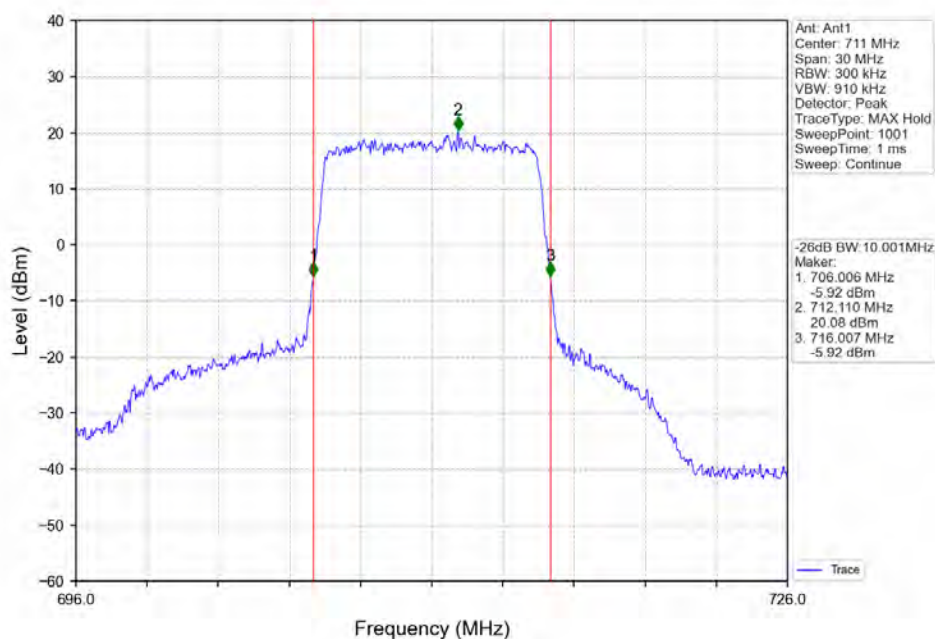
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



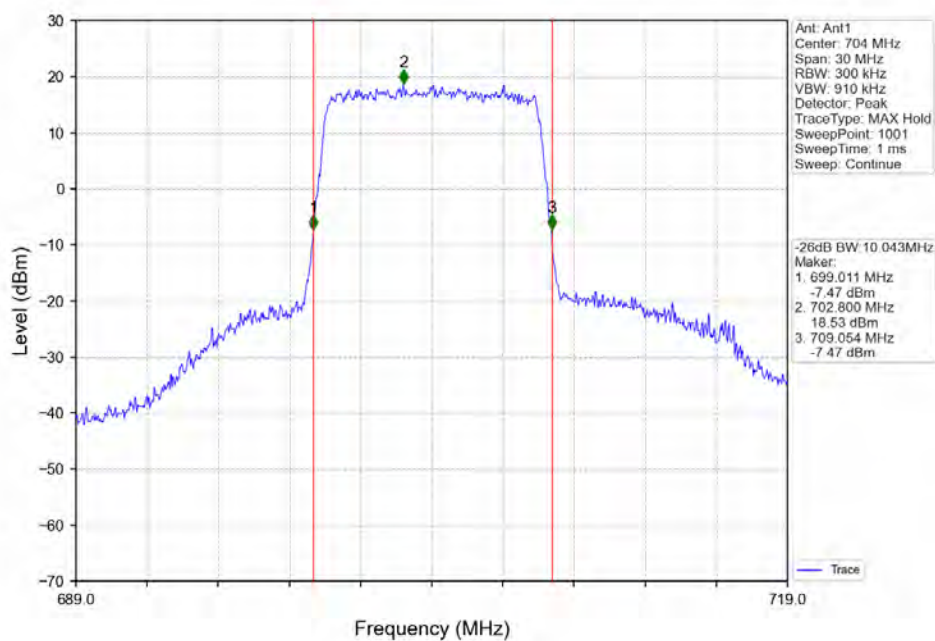
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



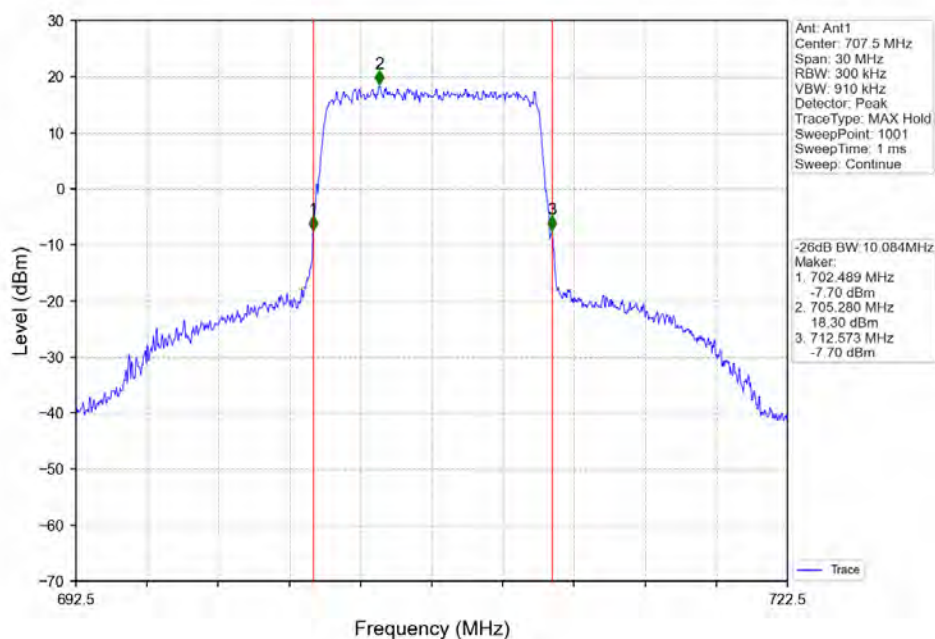
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



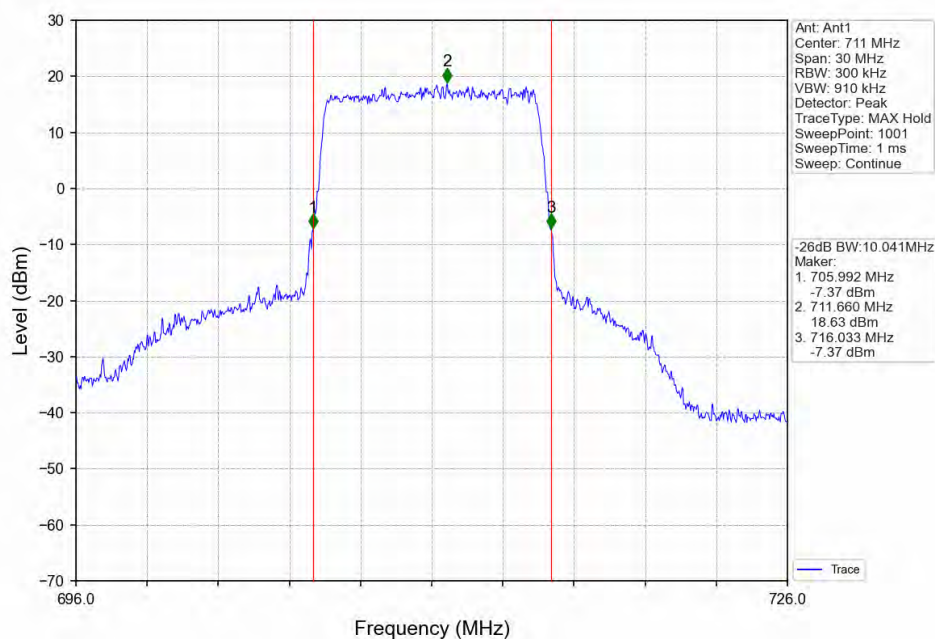
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

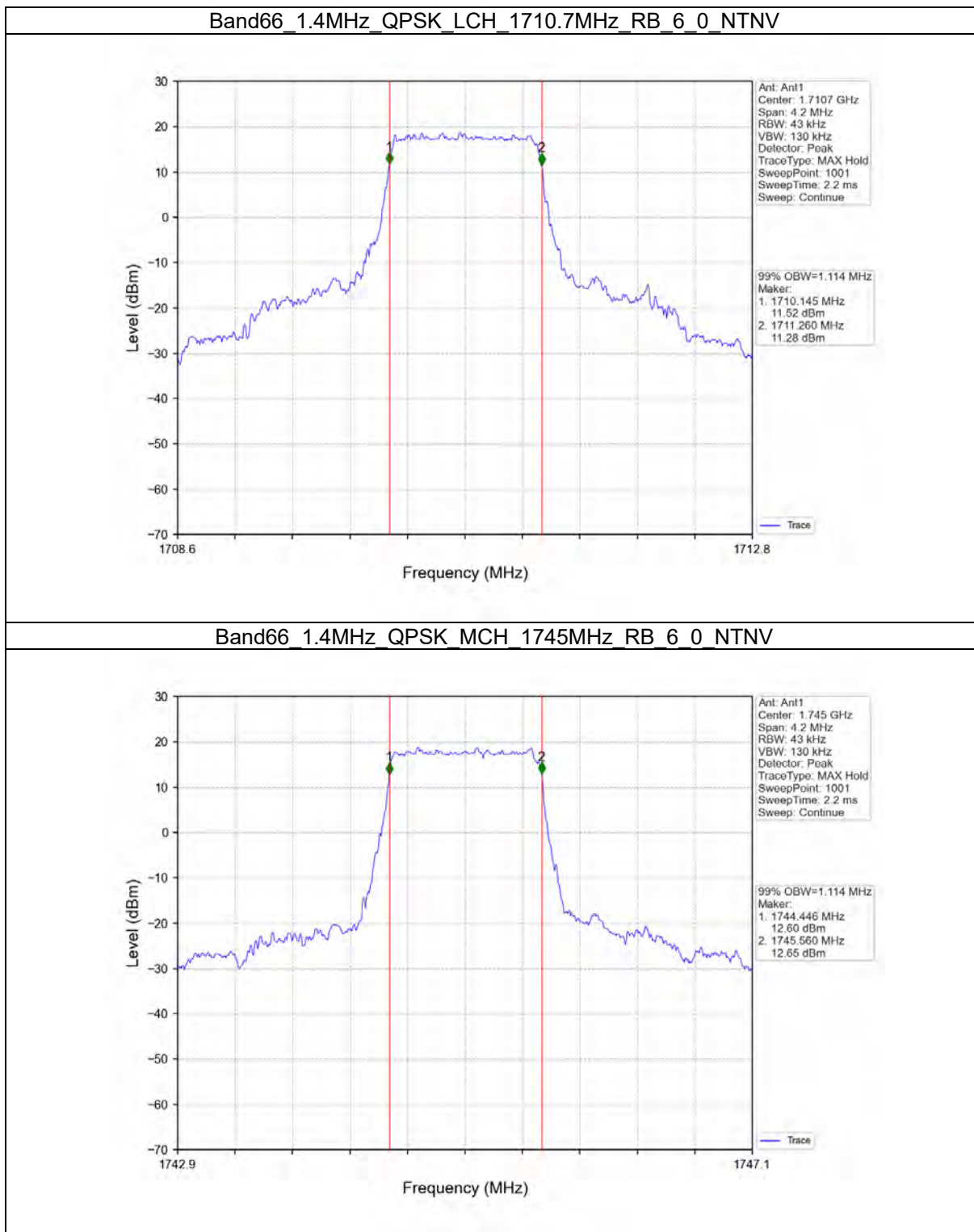


LTE Band66_OBW

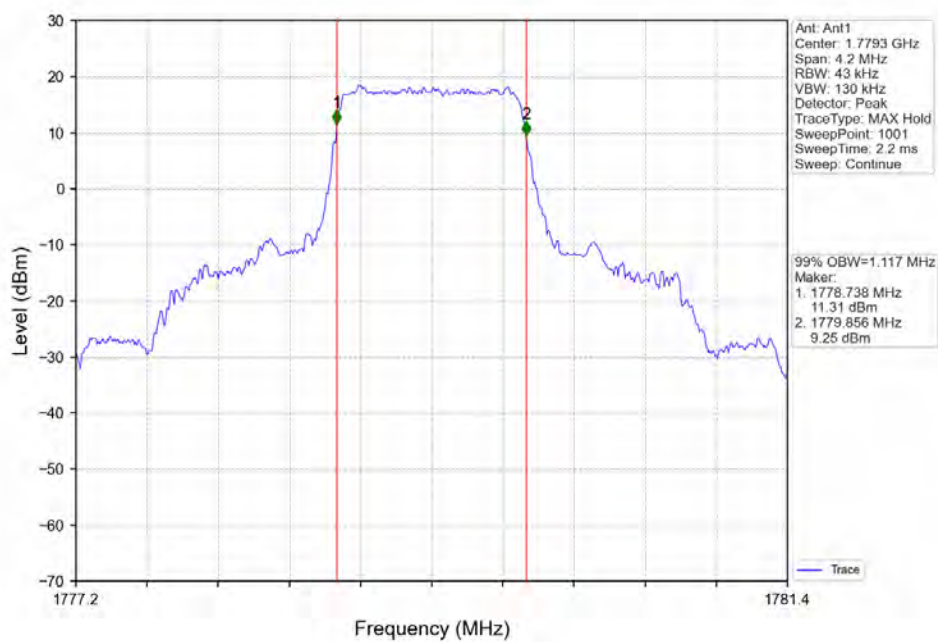
Test Result

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	1.114	Pass
		1745	6	0	1.114	Pass
		1779.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.107	Pass
		1745	6	0	1.111	Pass
		1779.3	6	0	1.121	Pass
3	QPSK	1711.5	15	0	2.757	Pass
		1745	15	0	2.740	Pass
		1778.5	15	0	2.753	Pass
	16QAM	1711.5	15	0	2.746	Pass
		1745	15	0	2.737	Pass
		1778.5	15	0	2.754	Pass
5	QPSK	1712.5	25	0	4.554	Pass
		1745	25	0	4.545	Pass
		1777.5	25	0	4.570	Pass
	16QAM	1712.5	25	0	4.548	Pass
		1745	25	0	4.554	Pass
		1777.5	25	0	4.574	Pass
10	QPSK	1715	50	0	9.043	Pass
		1745	50	0	9.016	Pass
		1775	50	0	9.048	Pass
	16QAM	1715	50	0	9.037	Pass
		1745	50	0	9.009	Pass
		1775	50	0	8.999	Pass
15	QPSK	1717.5	75	0	13.555	Pass
		1745	75	0	13.505	Pass
		1772.5	75	0	13.462	Pass
	16QAM	1717.5	75	0	13.529	Pass
		1745	75	0	13.488	Pass
		1772.5	75	0	13.514	Pass
20	QPSK	1720	100	0	18.045	Pass
		1745	100	0	17.999	Pass
		1770	100	0	18.016	Pass
	16QAM	1720	100	0	18.128	Pass
		1745	100	0	18.006	Pass
		1770	100	0	18.015	Pass

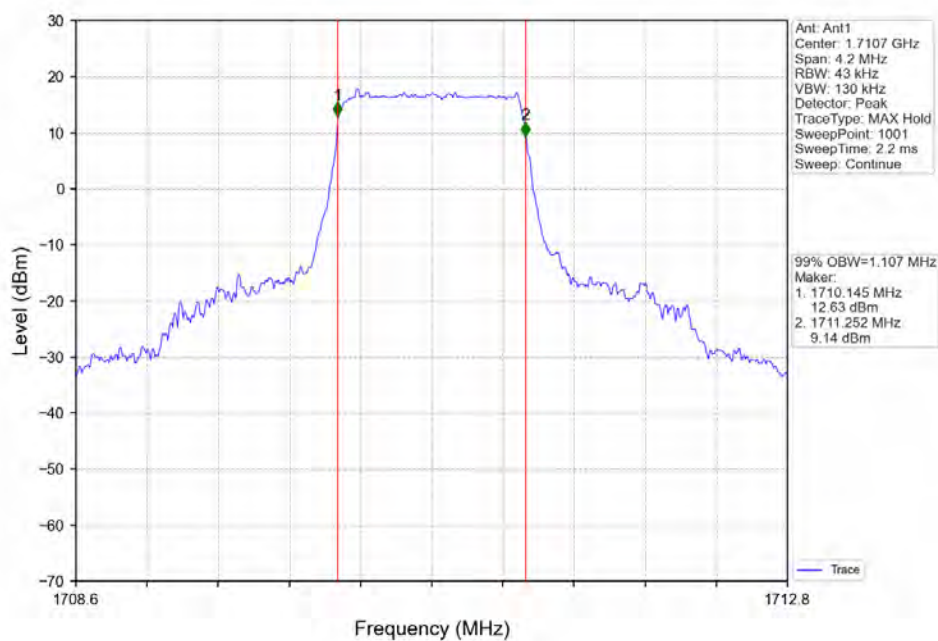
Test Graph



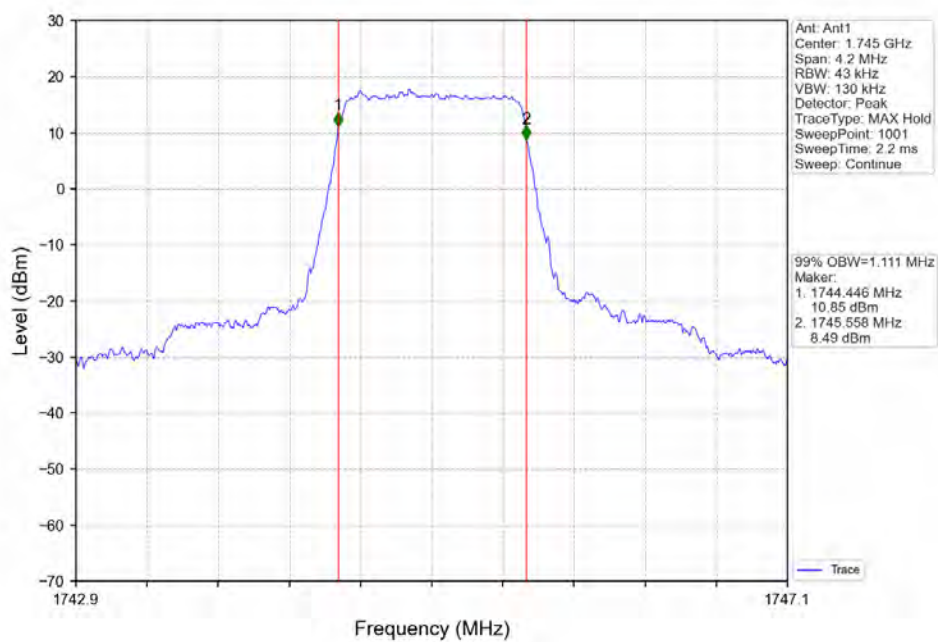
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



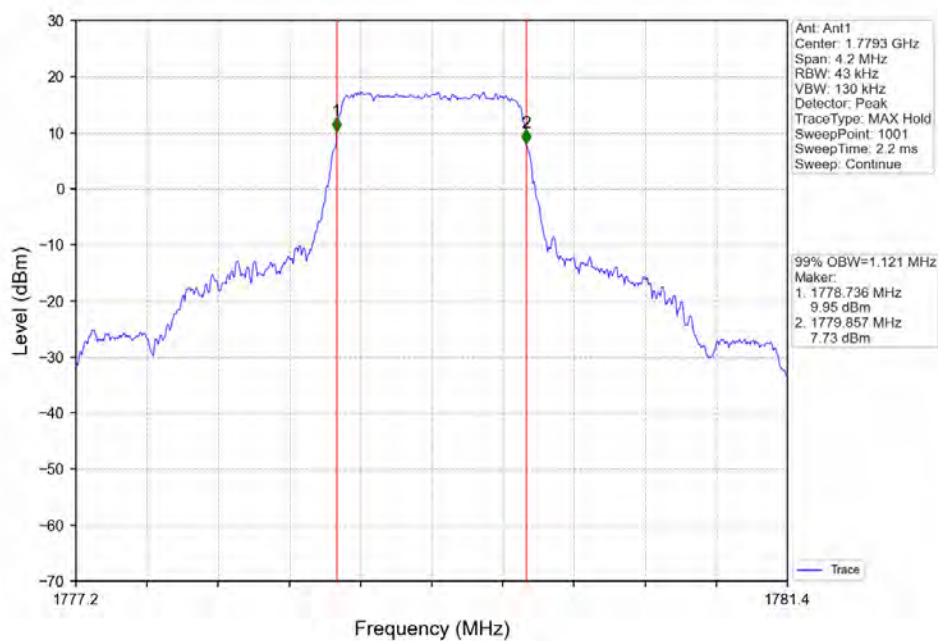
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



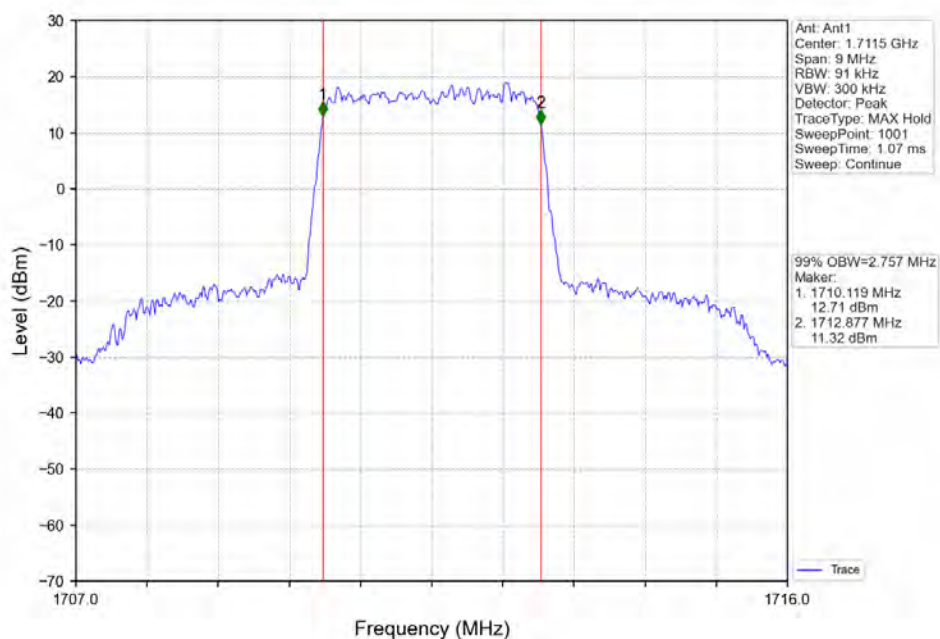
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



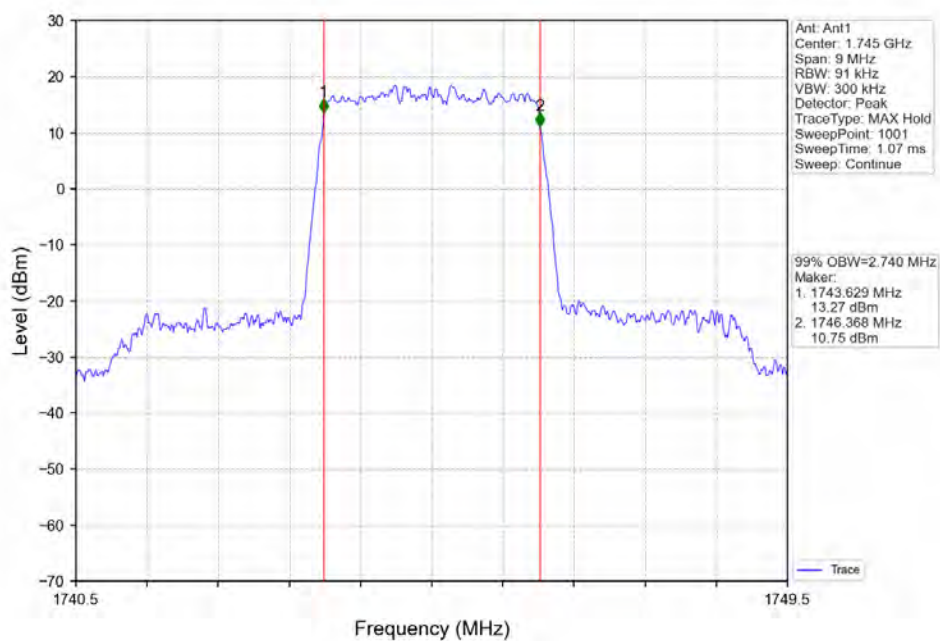
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



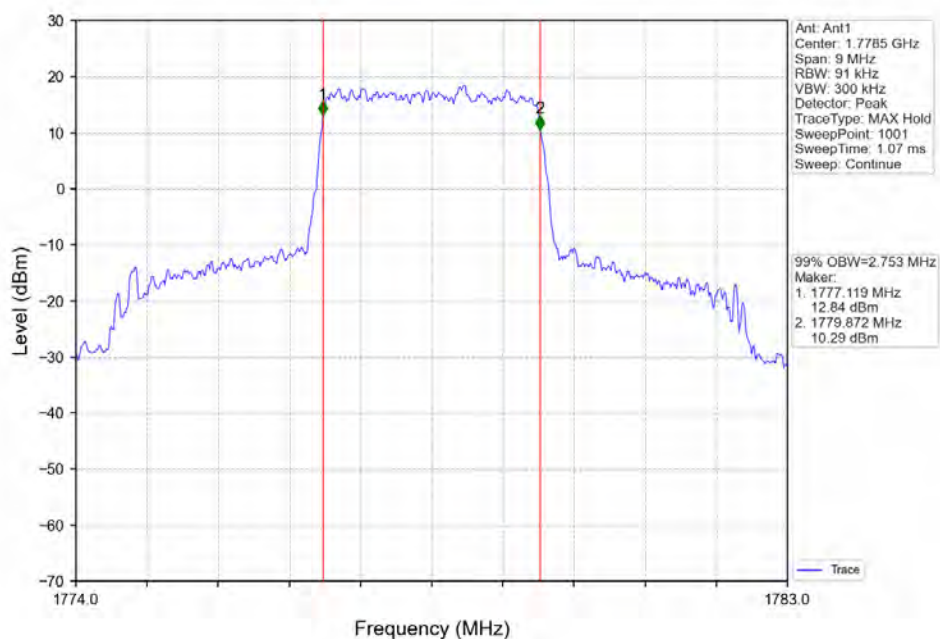
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



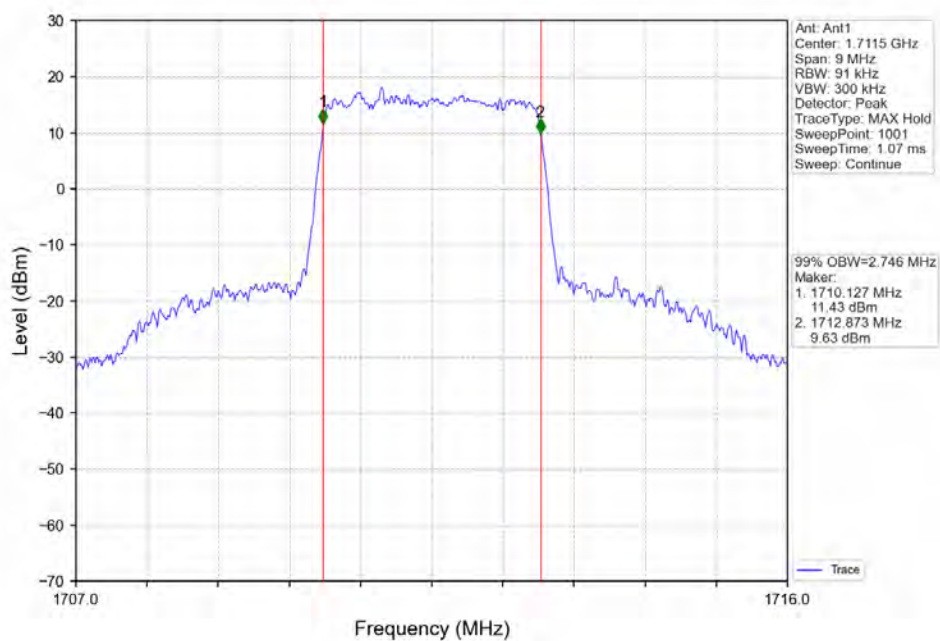
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



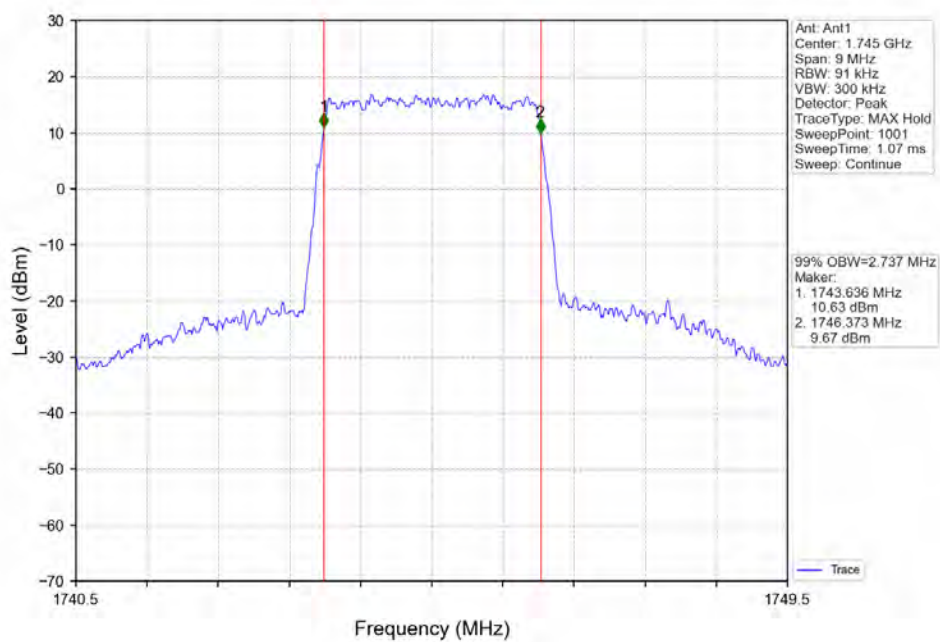
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



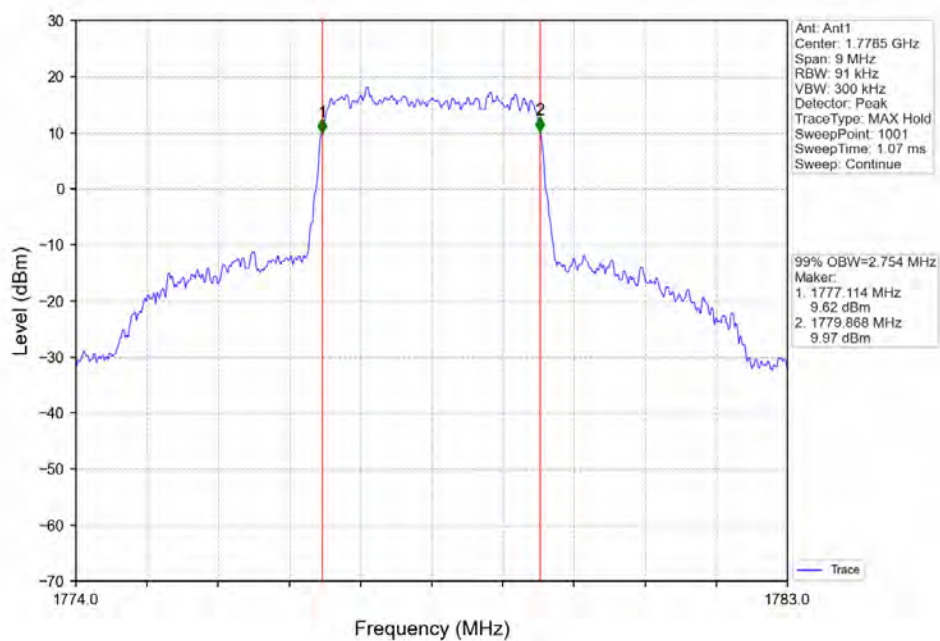
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



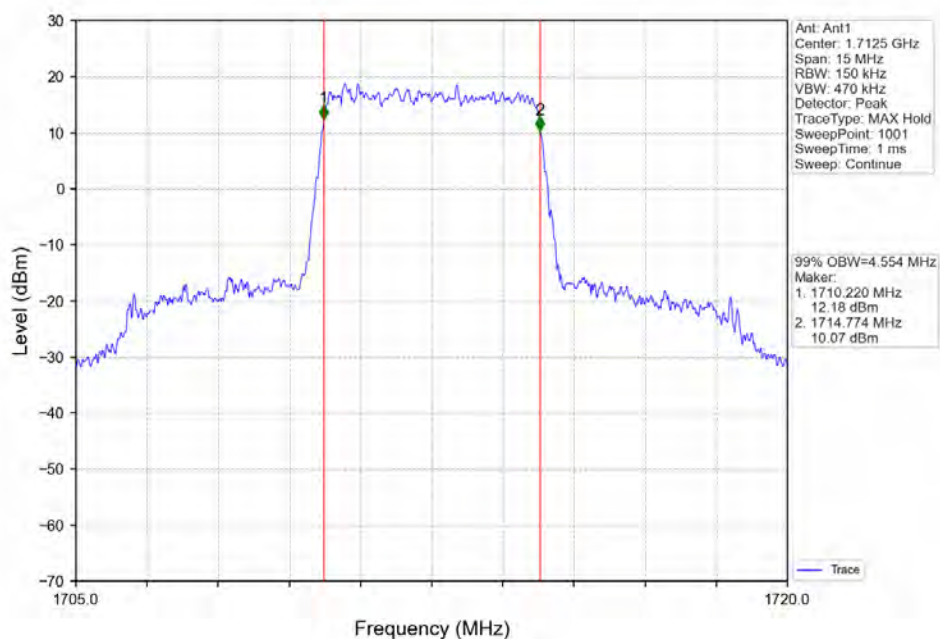
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

