

				-30	3.85	1.07	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.70	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.47	0.00	-2.5 to 2.5	Pass
				0	3.85	1.52	0.00	-2.5 to 2.5	Pass
				10	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
				30	3.85	3.62	0.00	-2.5 to 2.5	Pass
				40	3.85	1.25	0.00	-2.5 to 2.5	Pass
				50	3.85	-0.17	-0.00	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-2.48	-0.00	-2.5 to 2.5	Pass
					3.85	-0.66	-0.00	-2.5 to 2.5	Pass
					4.43	-5.39	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.99	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-7.45	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.54	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.35	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.76	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.36	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.82	-0.00	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-0.30	-0.00	-2.5 to 2.5	Pass
					3.85	-2.10	-0.00	-2.5 to 2.5	Pass
					4.43	0.63	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.86	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.81	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.92	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.03	0.00	-2.5 to 2.5	Pass
				10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.63	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.00	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.73	-0.00	-2.5 to 2.5	Pass

B4_15MHZ

TEST RESULT

Band: 4 / 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	-4.58	-0.00	-2.5 to 2.5	Pass
					3.85	-3.28	-0.00	-2.5 to 2.5	Pass
					4.43	-2.30	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.35	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.72	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.46	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.74	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.26	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.09	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.33	0.00	-2.5 to 2.5	Pass
				50	3.85	0.81	0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.90	-0.00	-2.5 to 2.5	Pass
					3.85	-1.67	-0.00	-2.5 to 2.5	Pass
					4.43	0.21	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.97	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.17	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.21	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.02	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.77	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.21	0.00	-2.5 to 2.5	Pass
				40	3.85	-1.84	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.93	0.00	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-5.25	-0.00	-2.5 to 2.5	Pass
					3.85	-2.75	-0.00	-2.5 to 2.5	Pass
					4.43	-1.20	-0.00	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	-30	3.85	-0.47	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.67	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.22	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.59	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.34	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.00	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.33	0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-2.52	-0.00	-2.5 to 2.5	Pass
					3.85	-0.20	-0.00	-2.5 to 2.5	Pass
					4.43	0.04	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.04	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.99	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.32	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.66	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.50	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.47	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.00	0.00	-2.5 to 2.5	Pass
				50	3.85	-1.97	-0.00	-2.5 to 2.5	Pass
				20	3.27	-1.75	-0.00	-2.5 to 2.5	Pass
					3.85	1.77	0.00	-2.5 to 2.5	Pass
					4.43	-1.37	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.69	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.72	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.29	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.73	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.23	-0.00	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-1.46	-0.00	-2.5 to 2.5	Pass



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					3.85	-2.65	-0.00	-2.5 to 2.5	Pass
					4.43	-3.72	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.36	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.03	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.75	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.95	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.93	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.68	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.84	-0.00	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.27	-0.11	-0.00	-2.5 to 2.5	Pass
					3.85	-2.29	-0.00	-2.5 to 2.5	Pass
					4.43	-3.30	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.55	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.68	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.28	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.17	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.16	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.16	-0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-3.79	-0.00	-2.5 to 2.5	Pass
					3.85	0.79	0.00	-2.5 to 2.5	Pass
					4.43	-1.45	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.62	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.17	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.93	0.00	-2.5 to 2.5	Pass
				10	3.85	-1.27	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.85	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.37	-0.00	-2.5 to 2.5	Pass

				50	3.85	0.00	0.00	-2.5 to 2.5	Pass
				20	3.27	-1.14	-0.00	-2.5 to 2.5	Pass
					3.85	-3.76	-0.00	-2.5 to 2.5	Pass
					4.43	-3.25	-0.00	-2.5 to 2.5	Pass
					4.43	-3.25	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.98	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.45	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.10	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.45	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.16	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.48	-0.00	-2.5 to 2.5	Pass

B4_20MHZ

TEST RESULT

Band: 4 / 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	-4.19	-0.00	-2.5 to 2.5	Pass
					3.85	-1.96	-0.00	-2.5 to 2.5	Pass
					4.43	0.64	0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.38	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.53	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.50	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.97	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.92	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.19	-0.00	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-4.49	-0.00	-2.5 to 2.5	Pass

					3.85	-2.65	-0.00	-2.5 to 2.5	Pass
					4.43	-0.63	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.86	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.25	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.54	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.75	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.36	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.37	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.88	-0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.81	-0.00	-2.5 to 2.5	Pass
					3.85	-2.50	-0.00	-2.5 to 2.5	Pass
					4.43	-1.53	-0.00	-2.5 to 2.5	Pass
				-30	3.85	0.32	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.94	0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.83	-0.00	-2.5 to 2.5	Pass
				10	3.85	1.86	0.00	-2.5 to 2.5	Pass
				30	3.85	-1.36	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.04	0.00	-2.5 to 2.5	Pass
				50	3.85	-2.10	-0.00	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-1.12	-0.00	-2.5 to 2.5	Pass
					3.85	-3.43	-0.00	-2.5 to 2.5	Pass
					4.43	-2.33	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.01	0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.23	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.86	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.70	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.56	-0.00	-2.5 to 2.5	Pass



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	1732.5	100	0	50	3.85	-4.36	-0.00	-2.5 to 2.5	Pass
				20	3.27	-1.43	-0.00	-2.5 to 2.5	Pass
					3.85	-4.75	-0.00	-2.5 to 2.5	Pass
					4.43	-6.31	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.57	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-6.71	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.49	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.34	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.49	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.55	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.58	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.08	-0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.85	-0.00	-2.5 to 2.5	Pass
					3.85	-4.52	-0.00	-2.5 to 2.5	Pass
					4.43	-1.79	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.67	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.40	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.97	-0.00	-2.5 to 2.5	Pass
				10	3.85	1.60	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.10	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.70	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.90	-0.00	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.27	-2.25	-0.00	-2.5 to 2.5	Pass
					3.85	-1.95	-0.00	-2.5 to 2.5	Pass
					4.43	-4.62	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.69	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.18	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.72	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.69	-0.00	-2.5 to 2.5	Pass



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				30	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.29	-0.00	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-6.24	-0.00	-2.5 to 2.5	Pass
					3.85	-4.61	-0.00	-2.5 to 2.5	Pass
					4.43	-5.24	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-4.26	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-7.80	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.92	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.69	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.90	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.08	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.37	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.33	-0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	1.37	0.00	-2.5 to 2.5	Pass
					3.85	1.82	0.00	-2.5 to 2.5	Pass
					4.43	-0.39	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.10	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.04	0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.63	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.66	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.26	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.80	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.40	-0.00	-2.5 to 2.5	Pass

99% & 26DB BANDWIDTH

BAND4_OBW

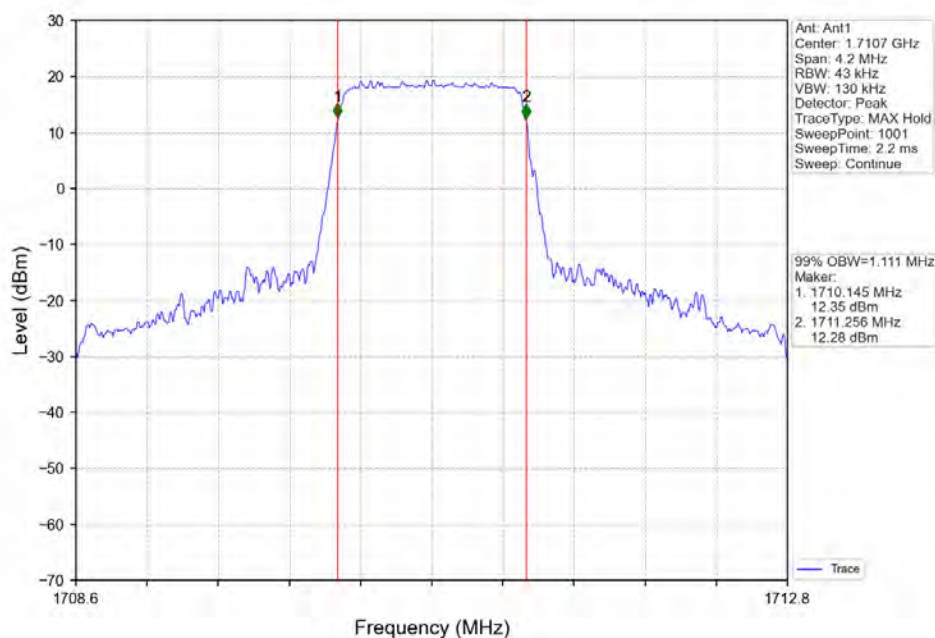
TEST RESULT

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	1.111	Pass
		1732.5	6	0	1.115	Pass
		1754.3	6	0	1.111	Pass
	16QAM	1710.7	6	0	1.107	Pass
		1732.5	6	0	1.116	Pass
		1754.3	6	0	1.121	Pass
	64QAM	1710.7	6	0	1.113	Pass
		1732.5	6	0	1.110	Pass
		1754.3	6	0	1.113	Pass
3	QPSK	1711.5	15	0	2.727	Pass
		1732.5	15	0	2.733	Pass
		1753.5	15	0	2.732	Pass
	16QAM	1711.5	15	0	2.727	Pass
		1732.5	15	0	2.731	Pass
		1753.5	15	0	2.737	Pass
	64QAM	1711.5	15	0	2.721	Pass
		1732.5	15	0	2.733	Pass
		1753.5	15	0	2.745	Pass
5	QPSK	1712.5	25	0	4.559	Pass
		1732.5	25	0	4.548	Pass
		1752.5	25	0	4.539	Pass
	16QAM	1712.5	25	0	4.529	Pass
		1732.5	25	0	4.567	Pass

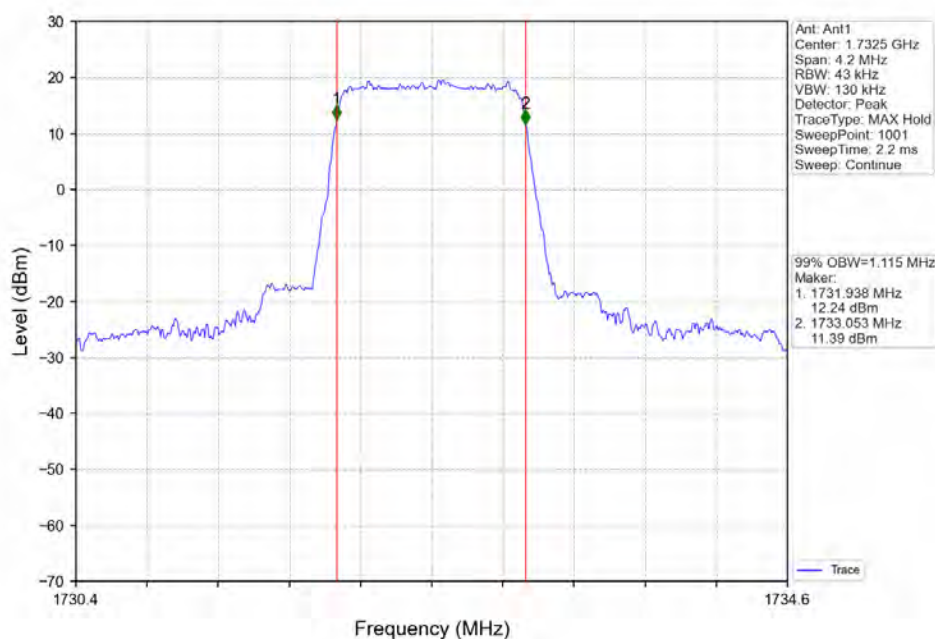
	64QAM	1752.5	25	0	4.554	Pass
		1712.5	25	0	4.545	Pass
		1732.5	25	0	4.540	Pass
		1752.5	25	0	4.538	Pass
10	QPSK	1715	50	0	9.043	Pass
		1732.5	50	0	9.042	Pass
		1750	50	0	9.033	Pass
	16QAM	1715	50	0	9.030	Pass
		1732.5	50	0	9.025	Pass
		1750	50	0	9.044	Pass
	64QAM	1715	50	0	9.062	Pass
		1732.5	50	0	9.055	Pass
		1750	50	0	9.032	Pass
15	QPSK	1717.5	75	0	13.587	Pass
		1732.5	75	0	13.540	Pass
		1747.5	75	0	13.551	Pass
	16QAM	1717.5	75	0	13.550	Pass
		1732.5	75	0	13.564	Pass
		1747.5	75	0	13.592	Pass
	64QAM	1717.5	75	0	13.581	Pass
		1732.5	75	0	13.592	Pass
		1747.5	75	0	13.582	Pass
20	QPSK	1720	100	0	18.090	Pass
		1732.5	100	0	18.065	Pass
		1745	100	0	18.084	Pass
	16QAM	1720	100	0	18.116	Pass
		1732.5	100	0	18.057	Pass
		1745	100	0	18.101	Pass
	64QAM	1720	100	0	18.057	Pass
		1732.5	100	0	18.059	Pass
		1745	100	0	18.067	Pass

TEST GRAPH

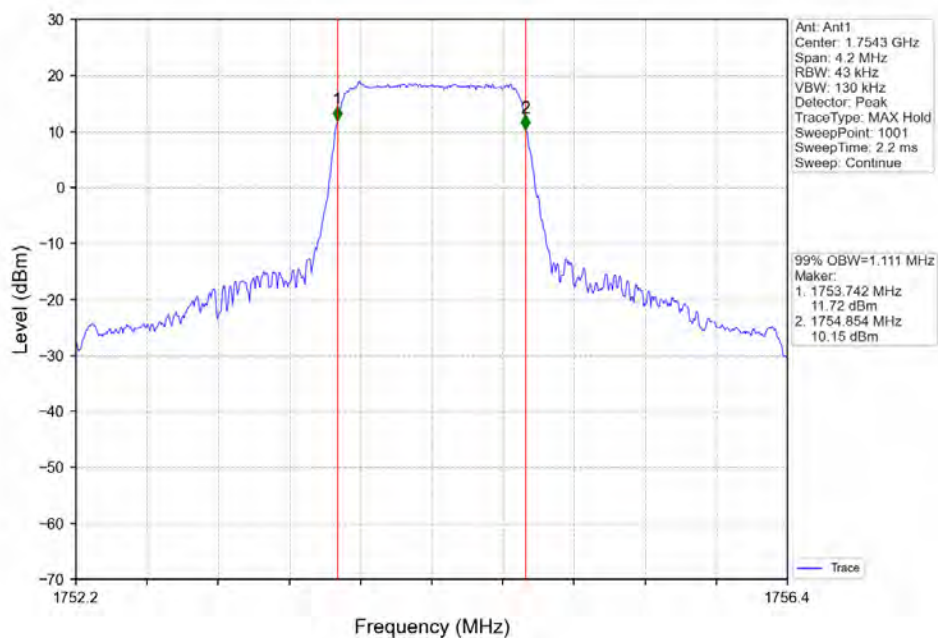
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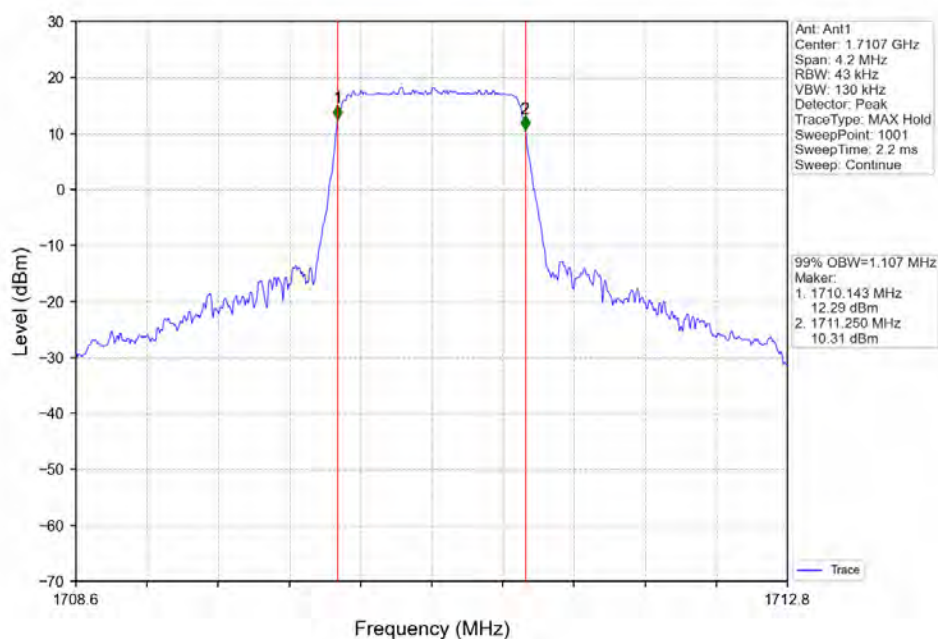
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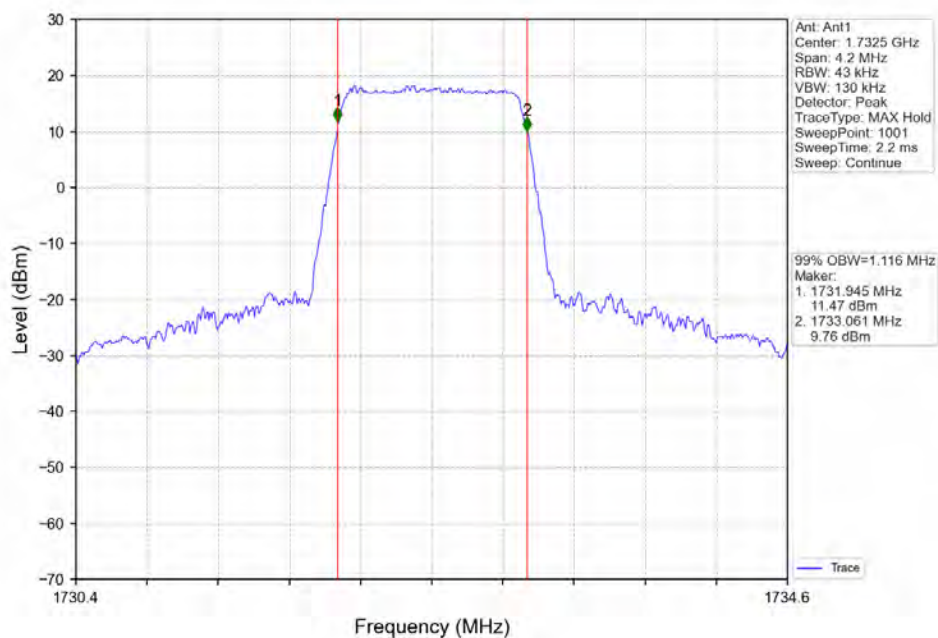
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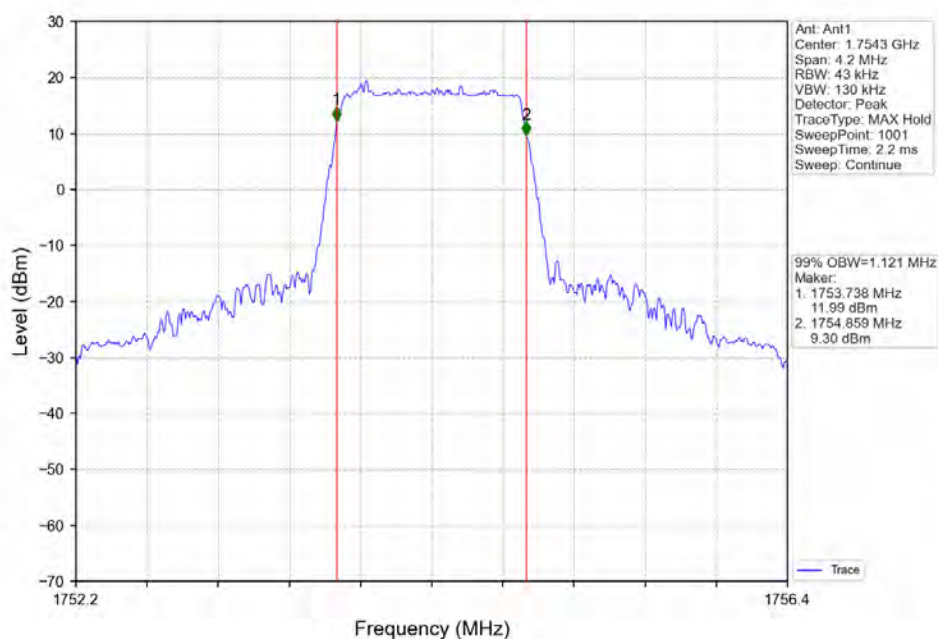
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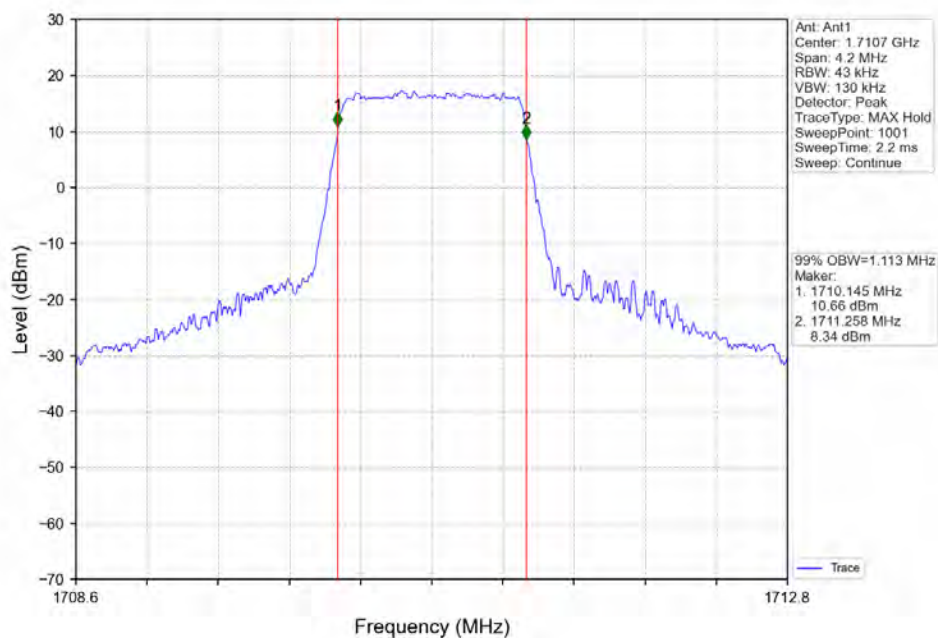
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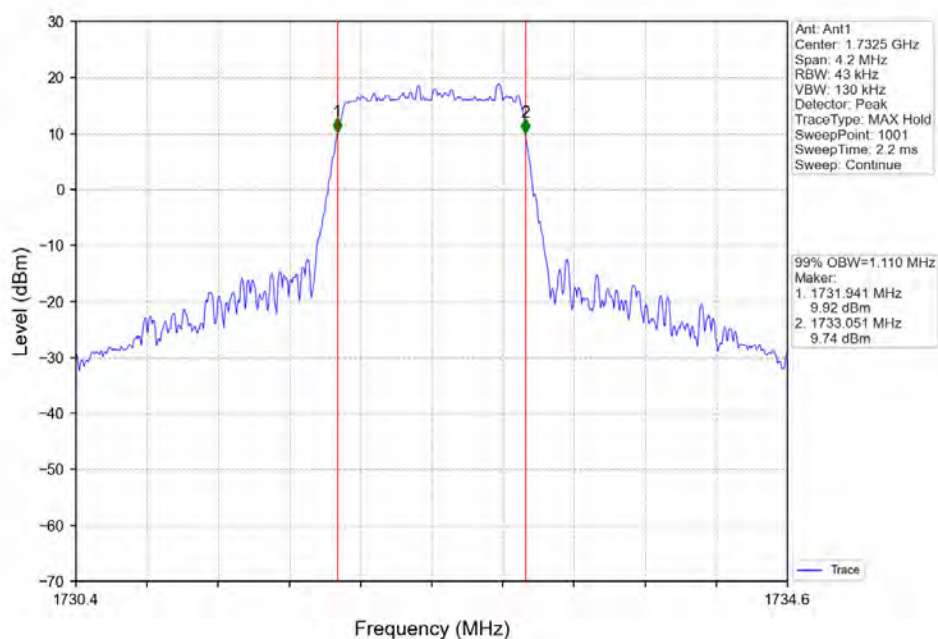
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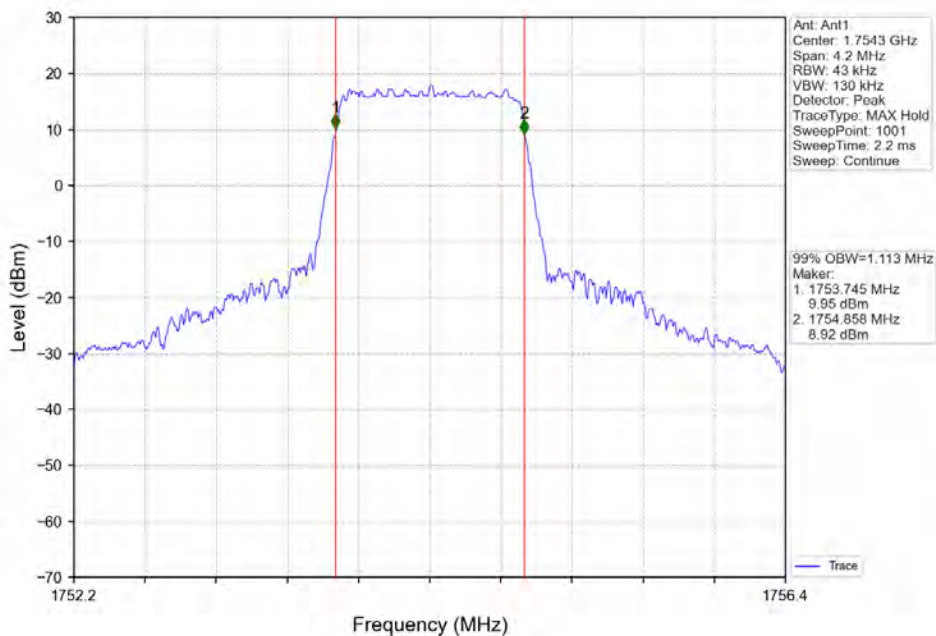
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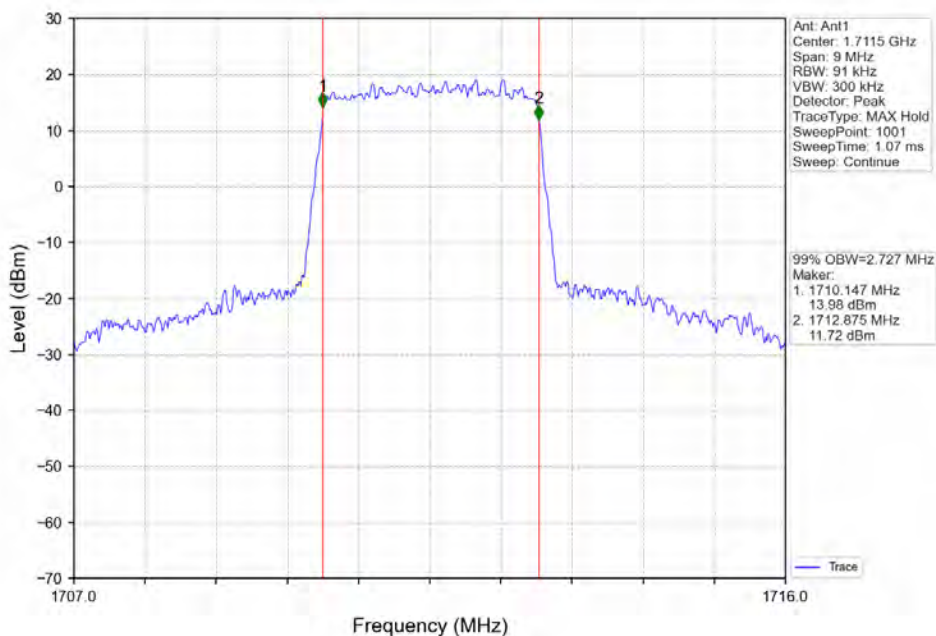
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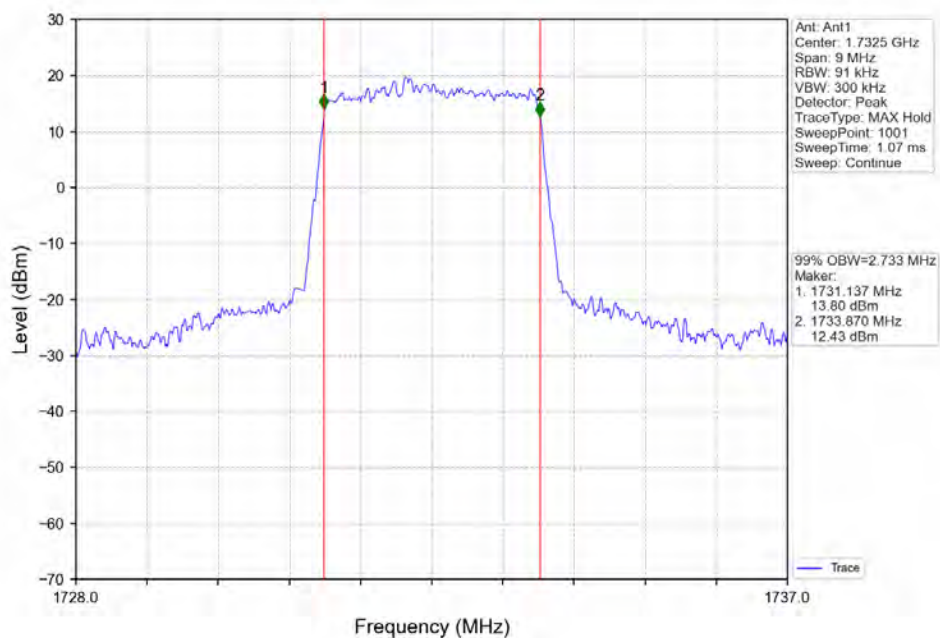
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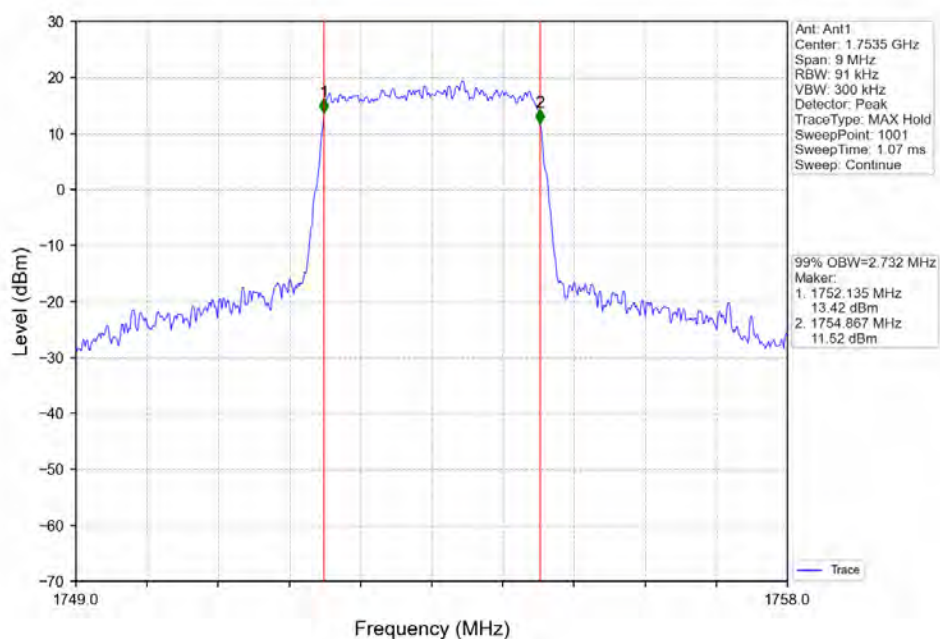
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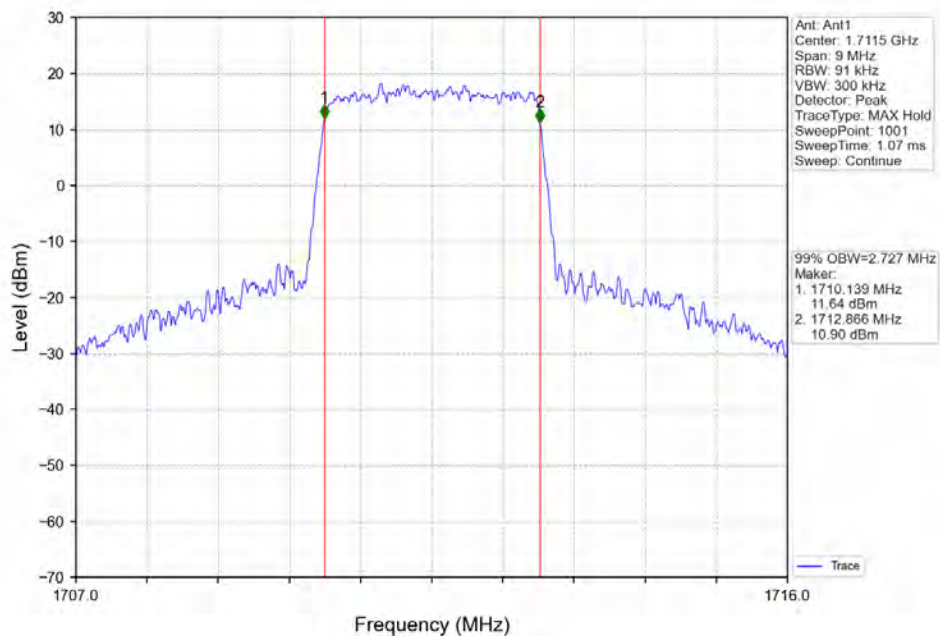
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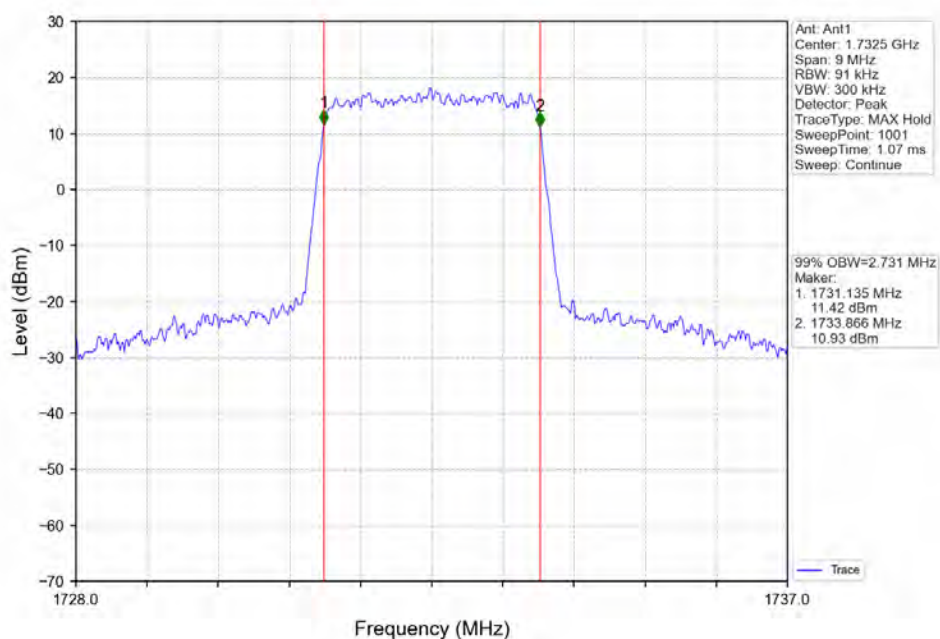
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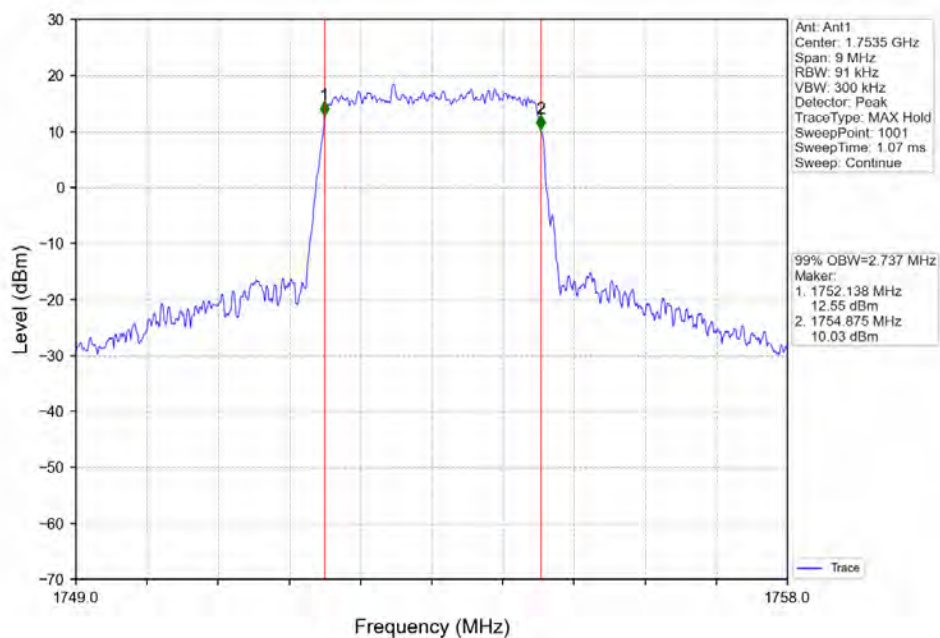
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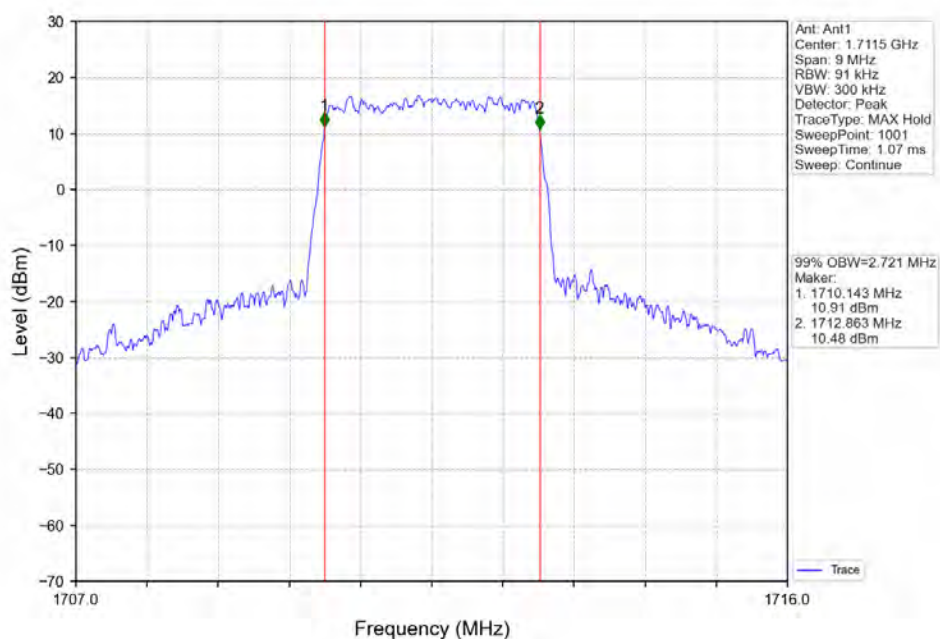
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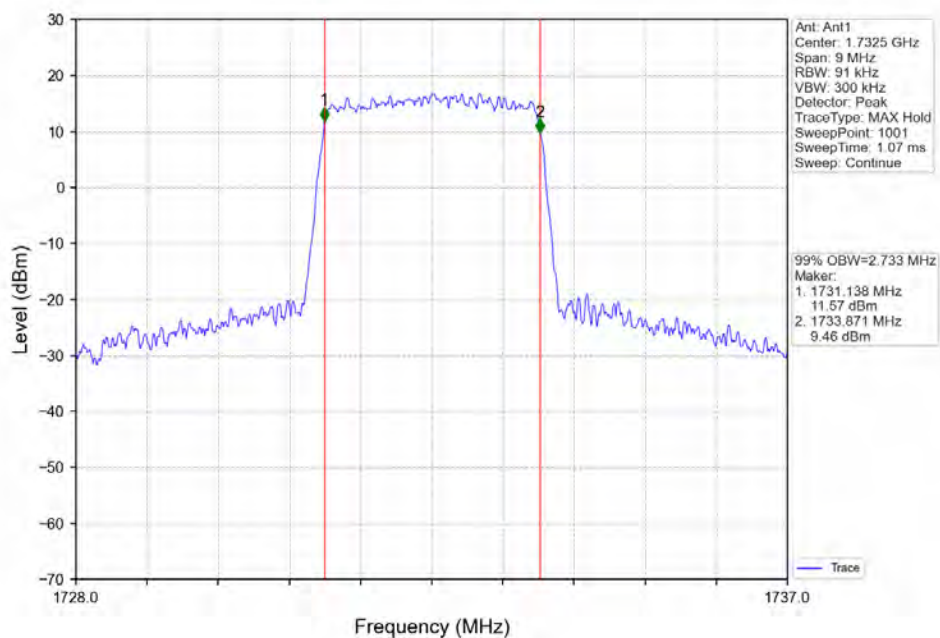
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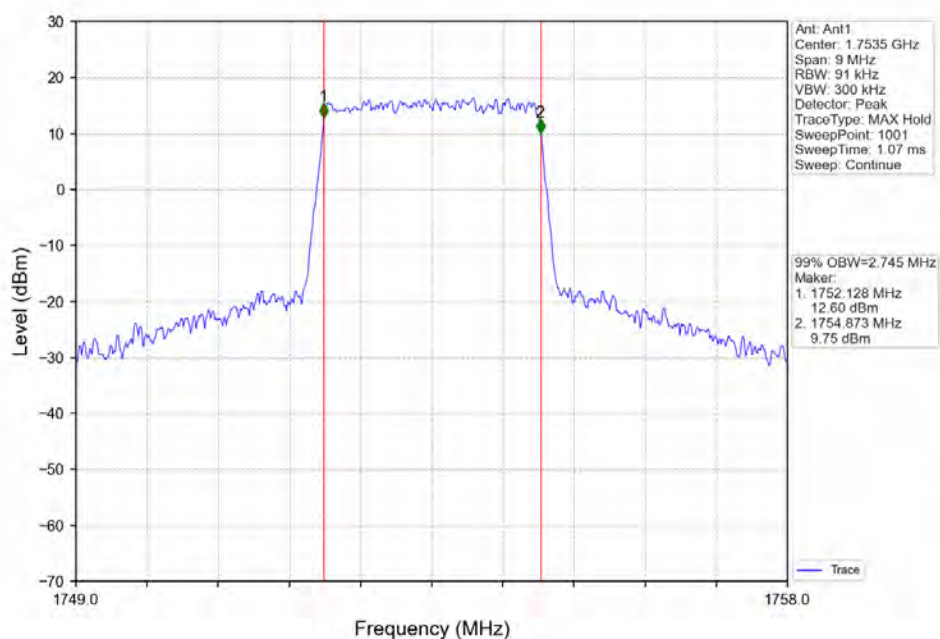
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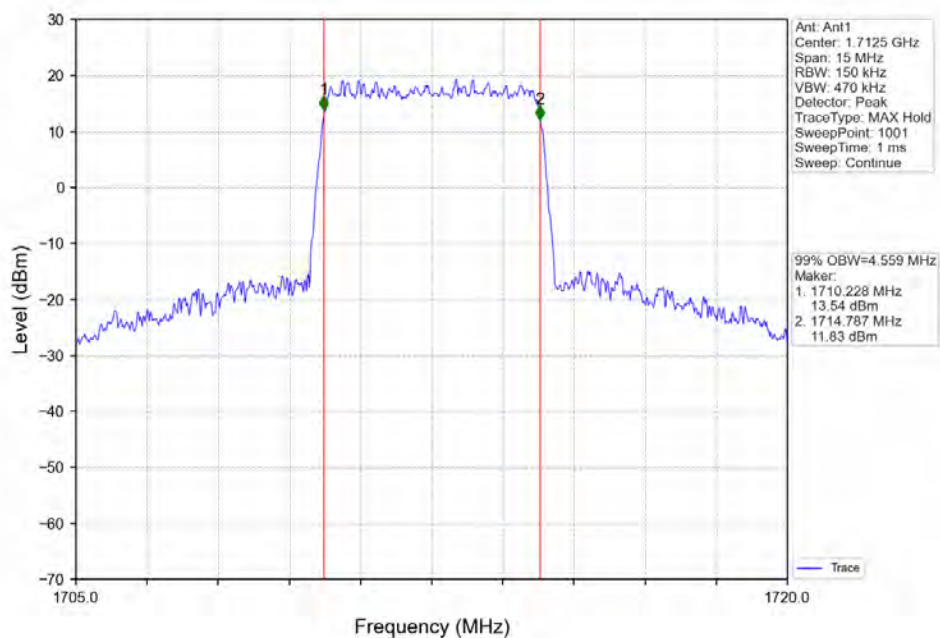
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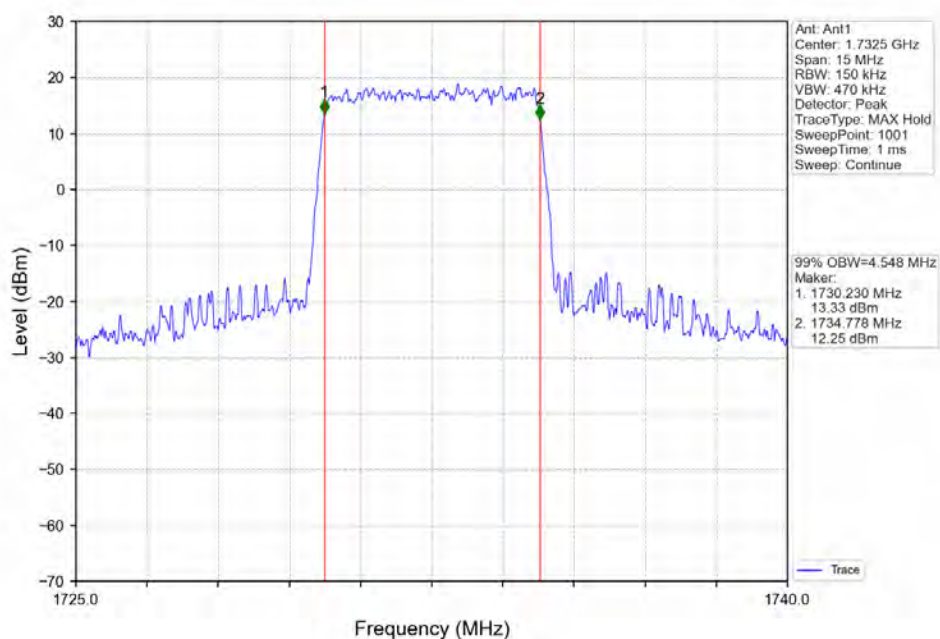
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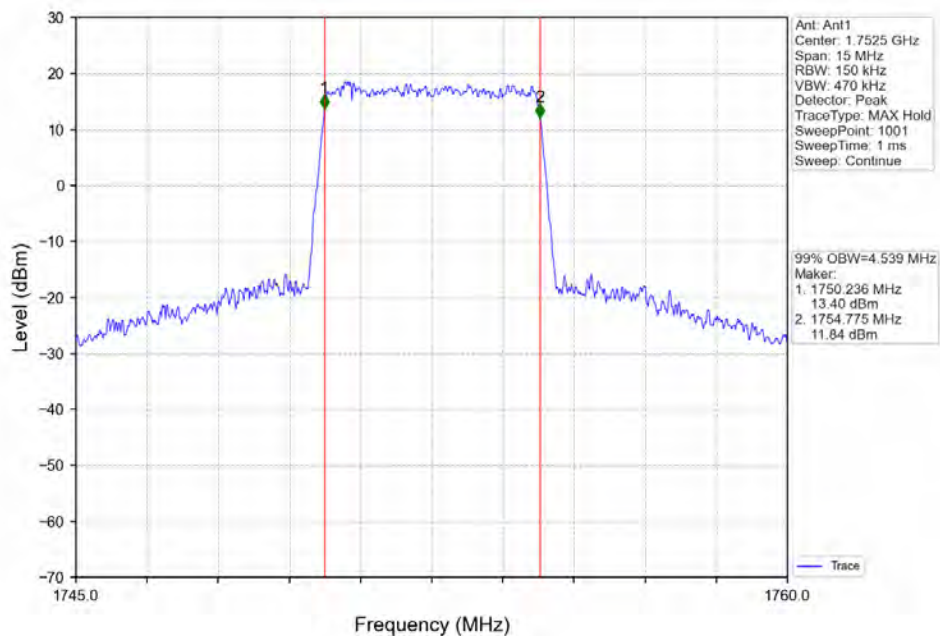
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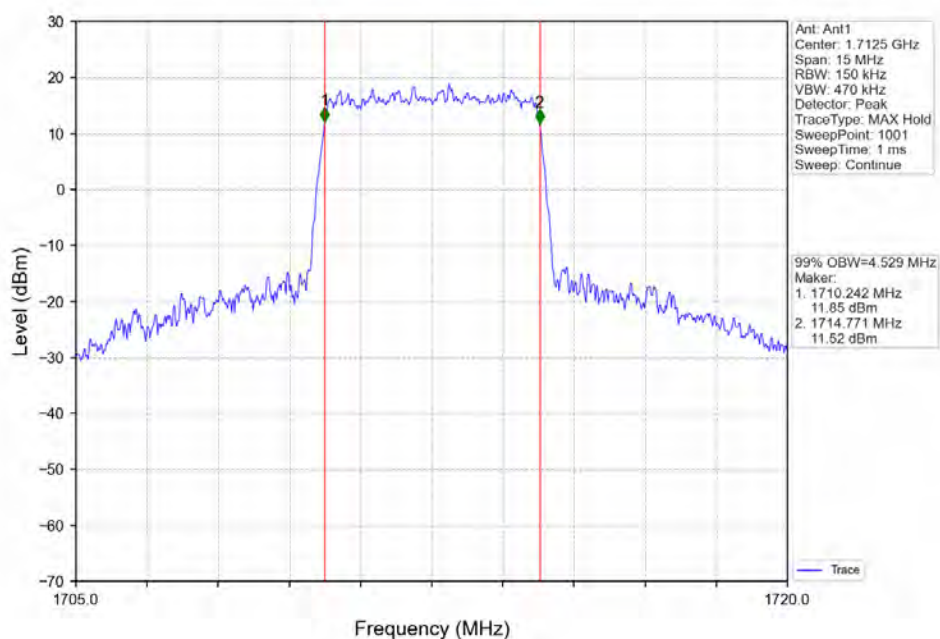
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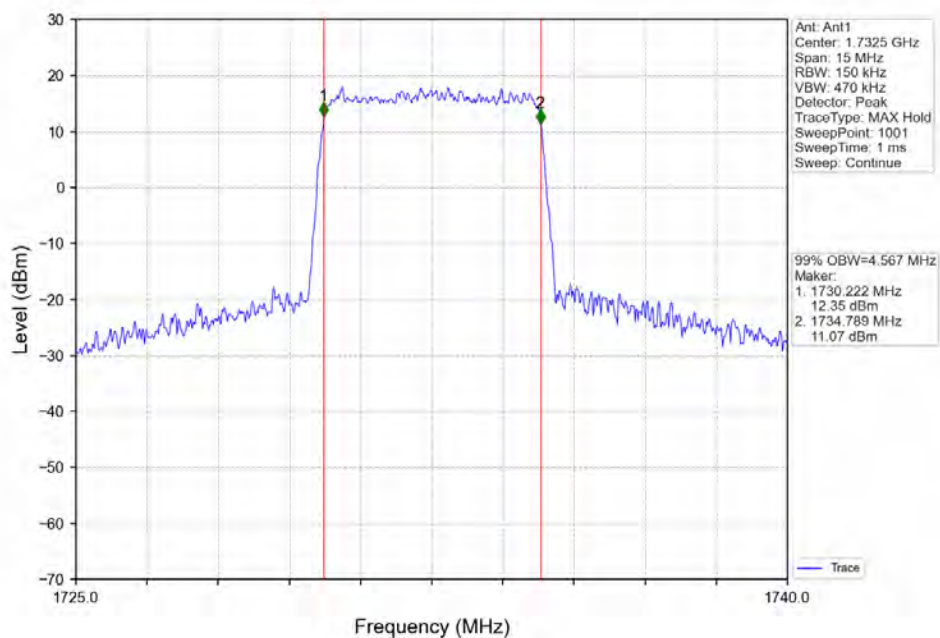
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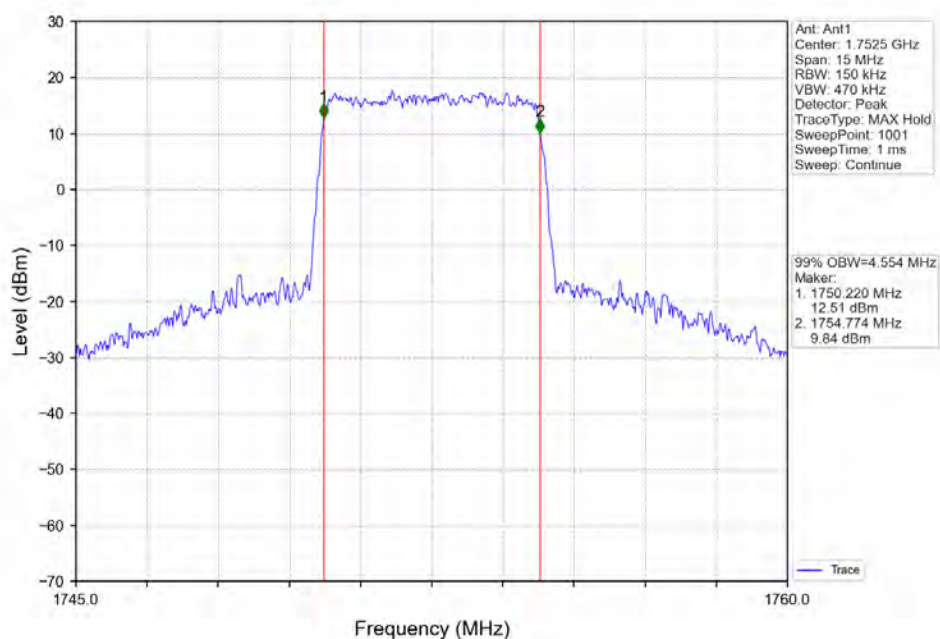
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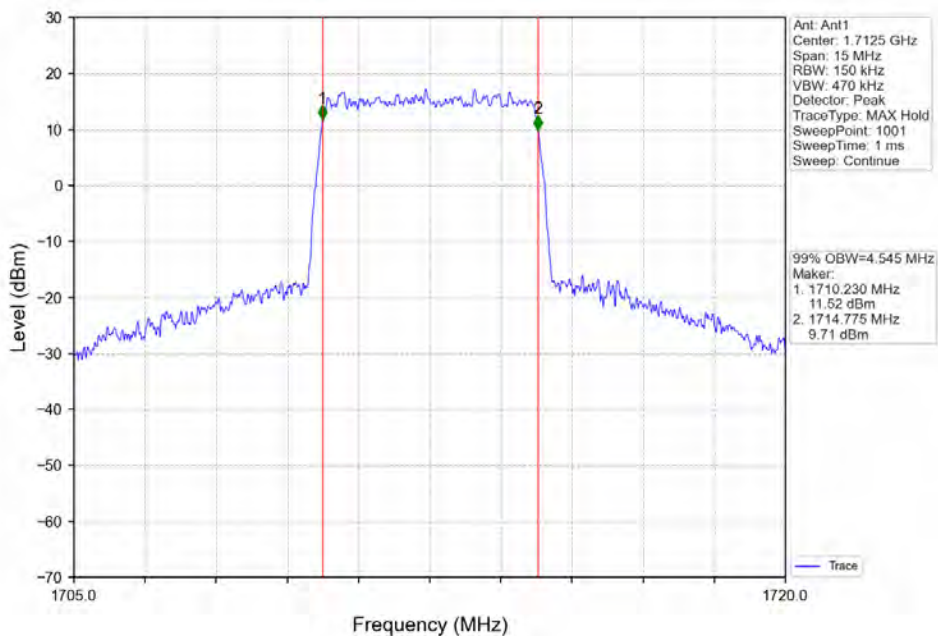
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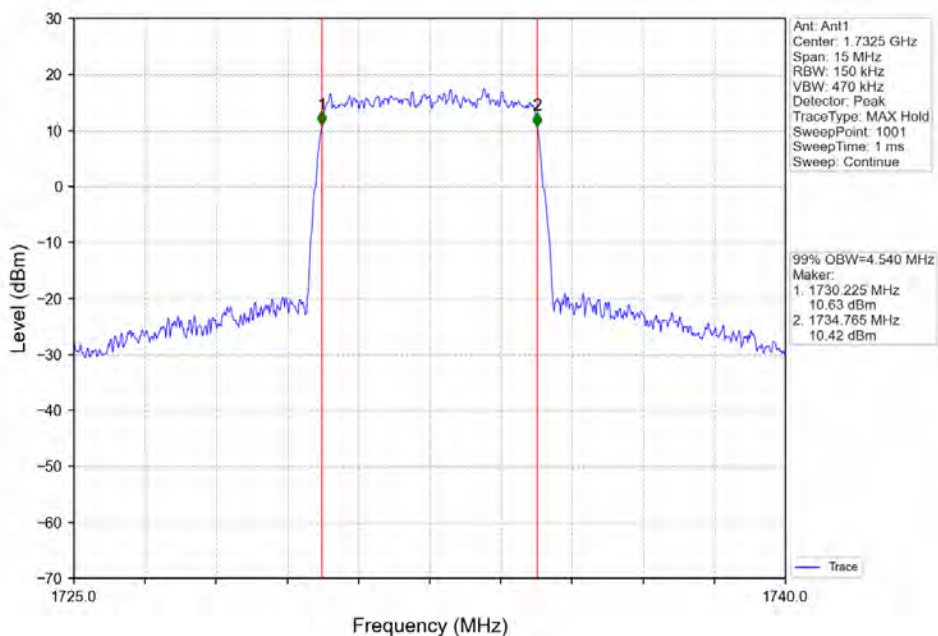
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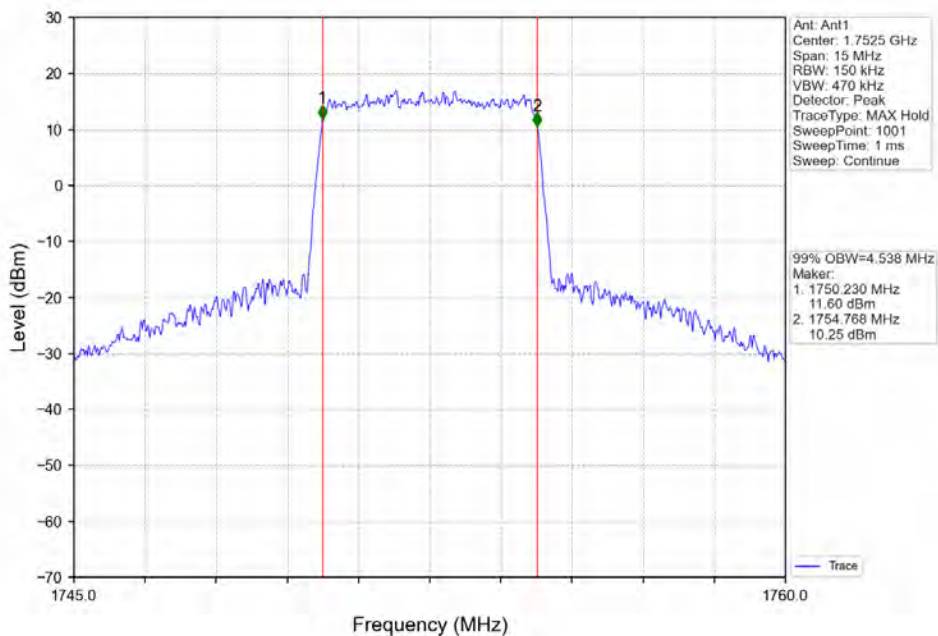
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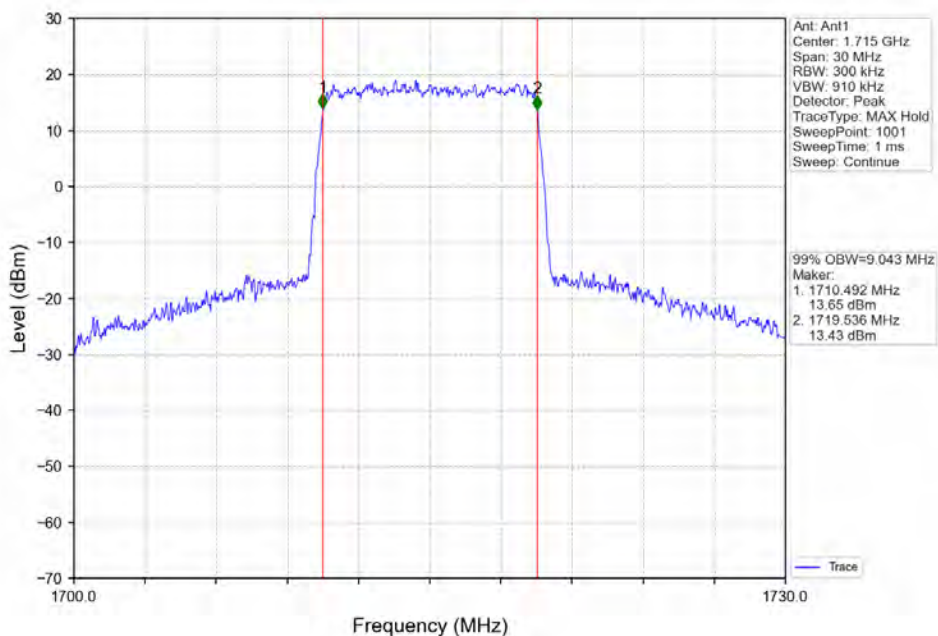
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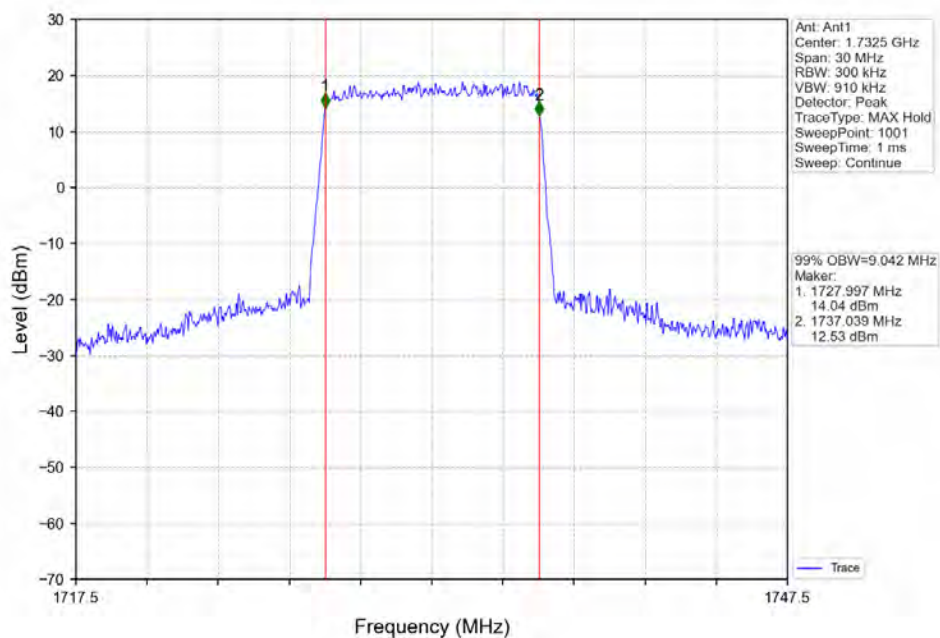
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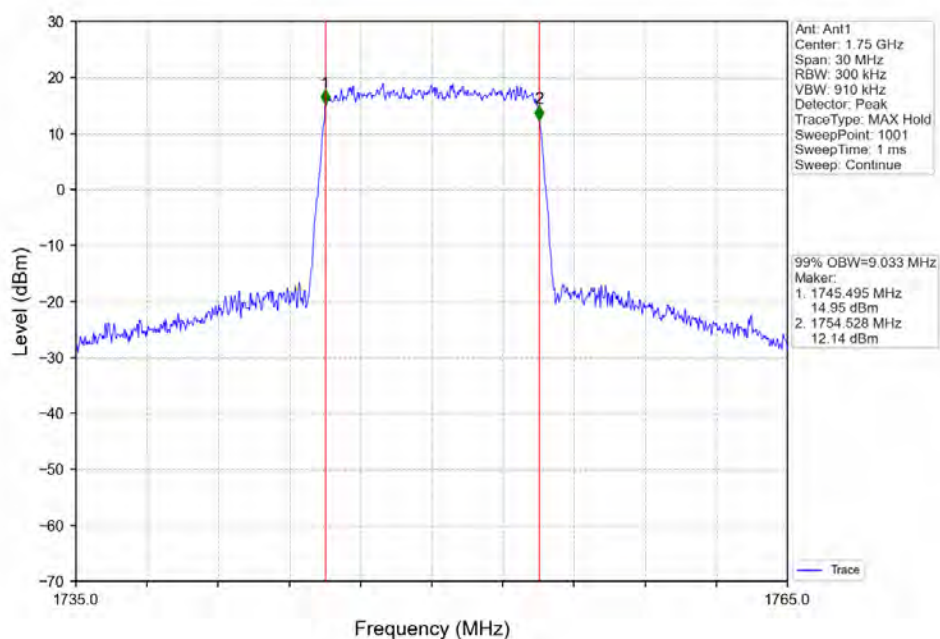
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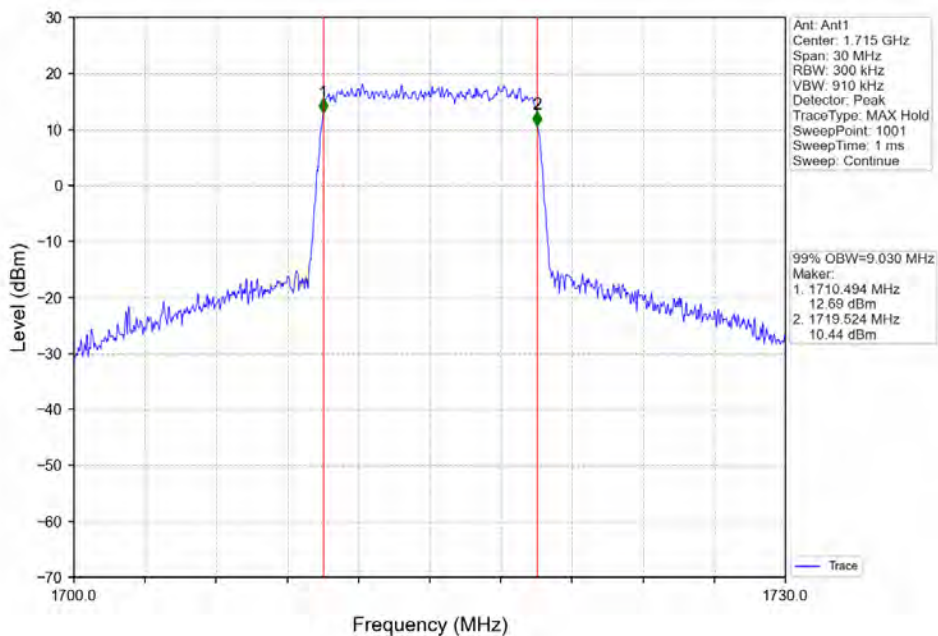
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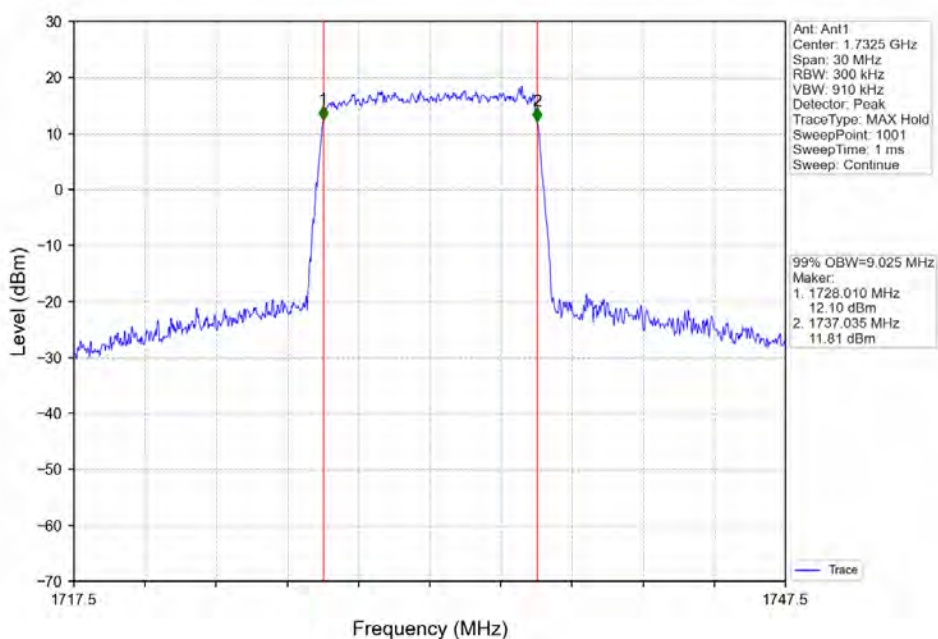
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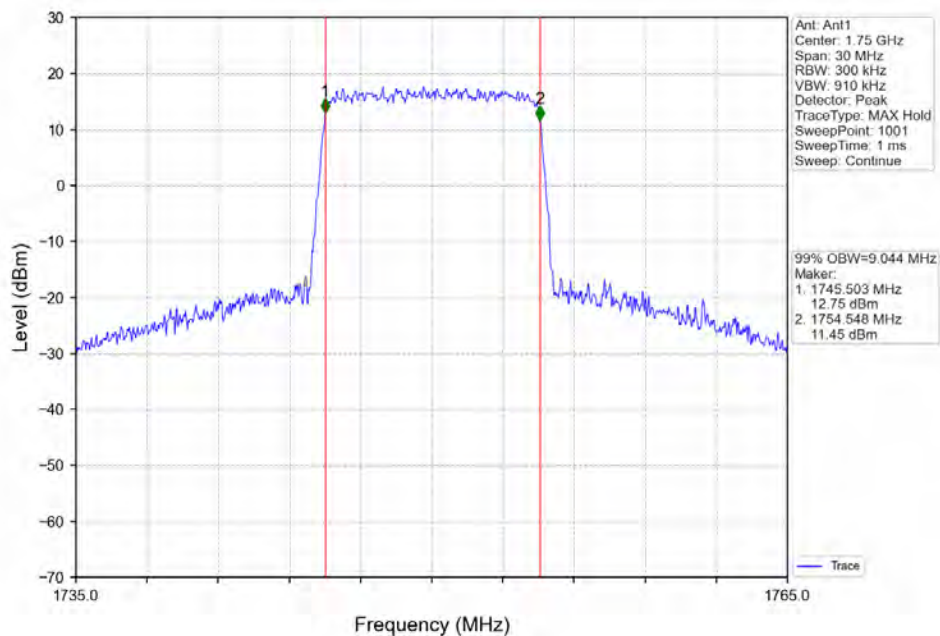
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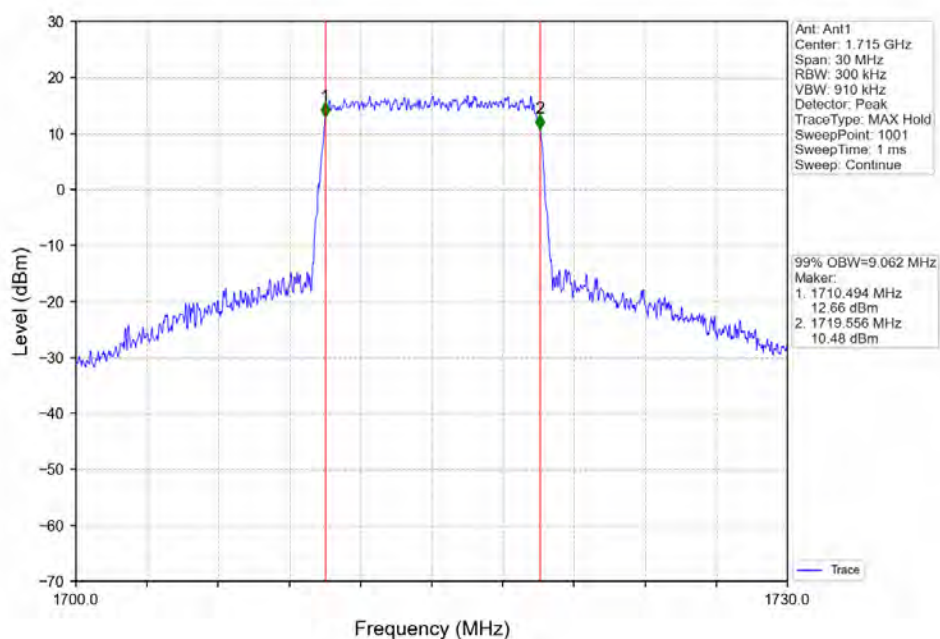
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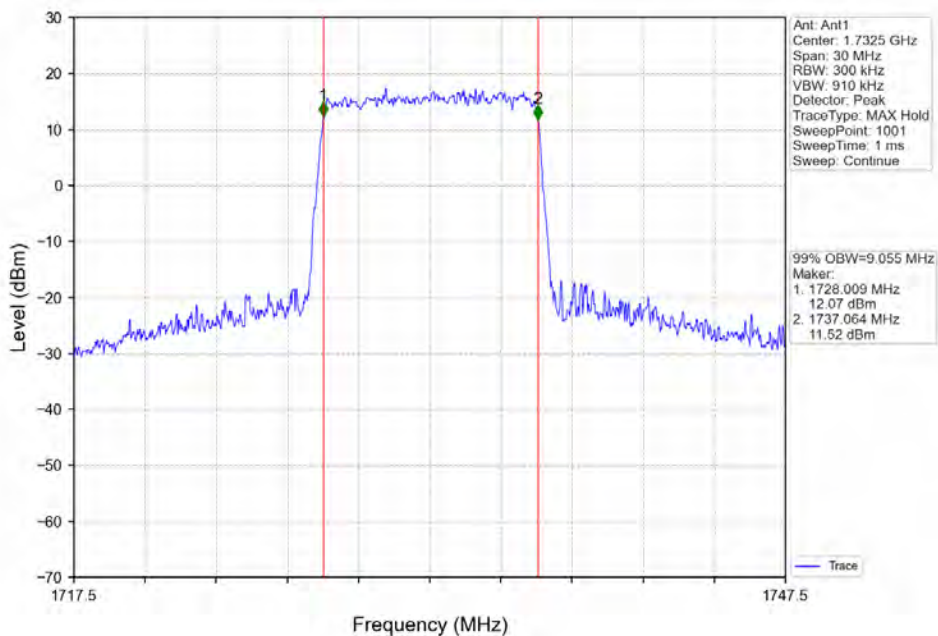
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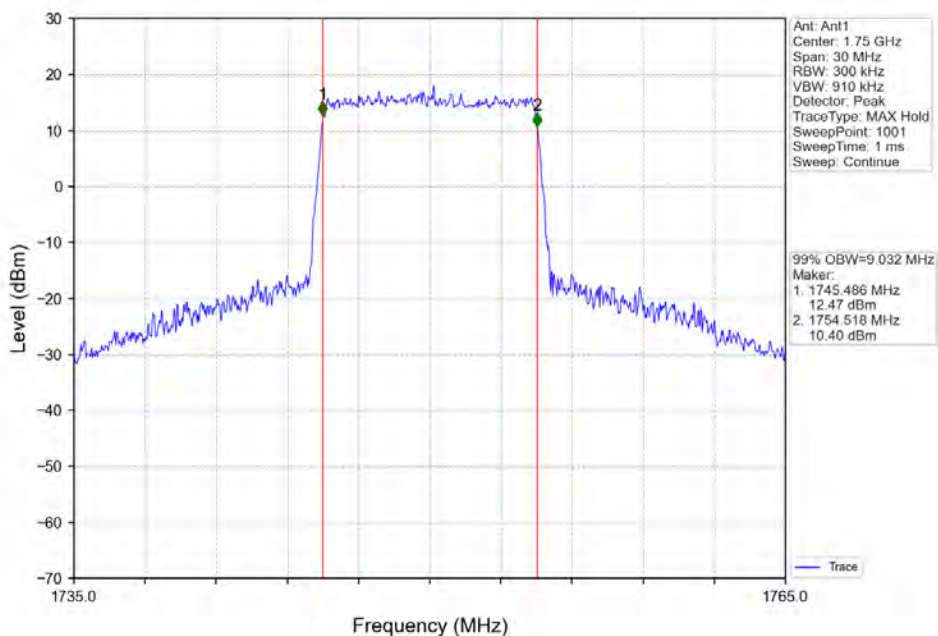
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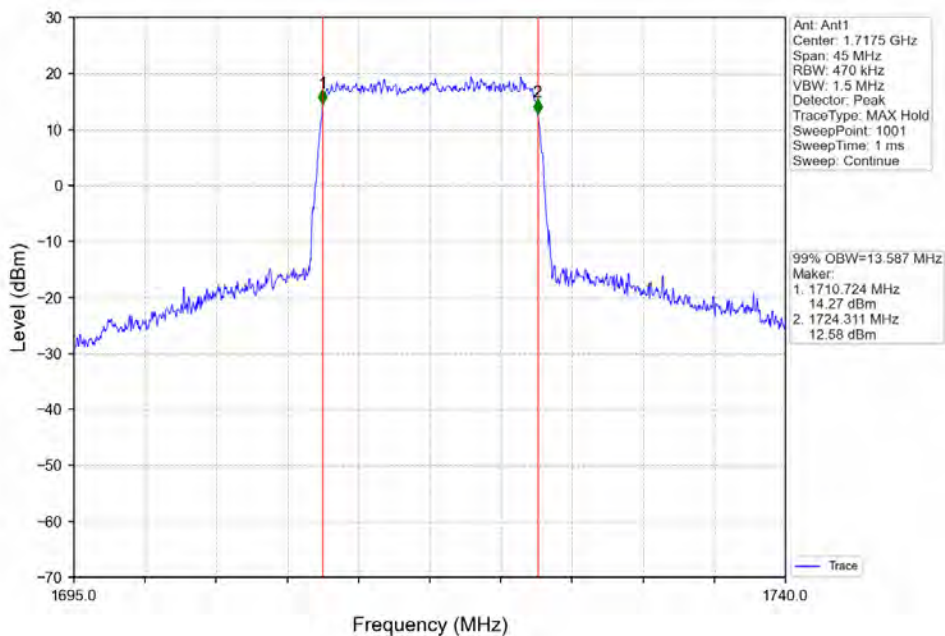
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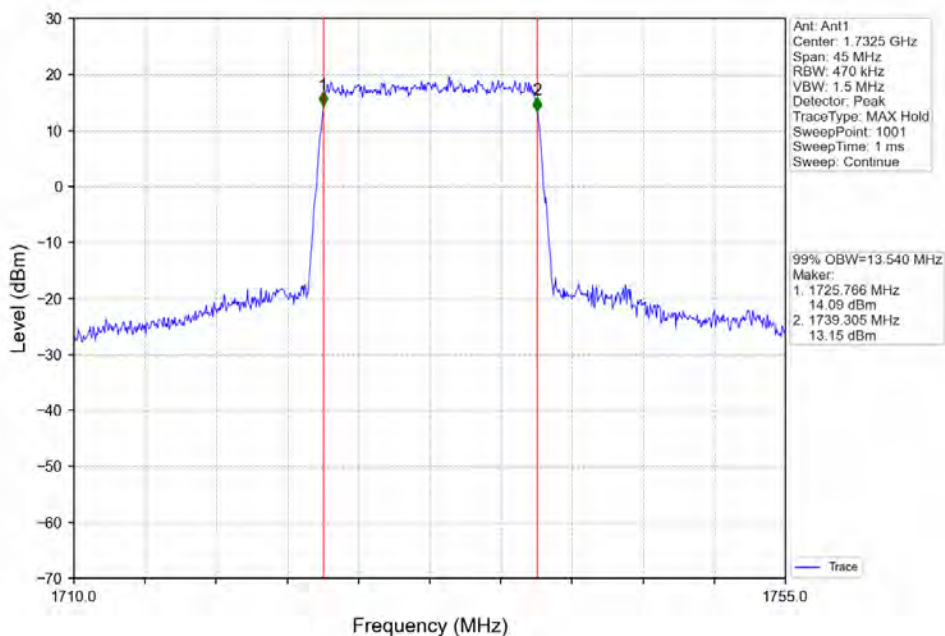
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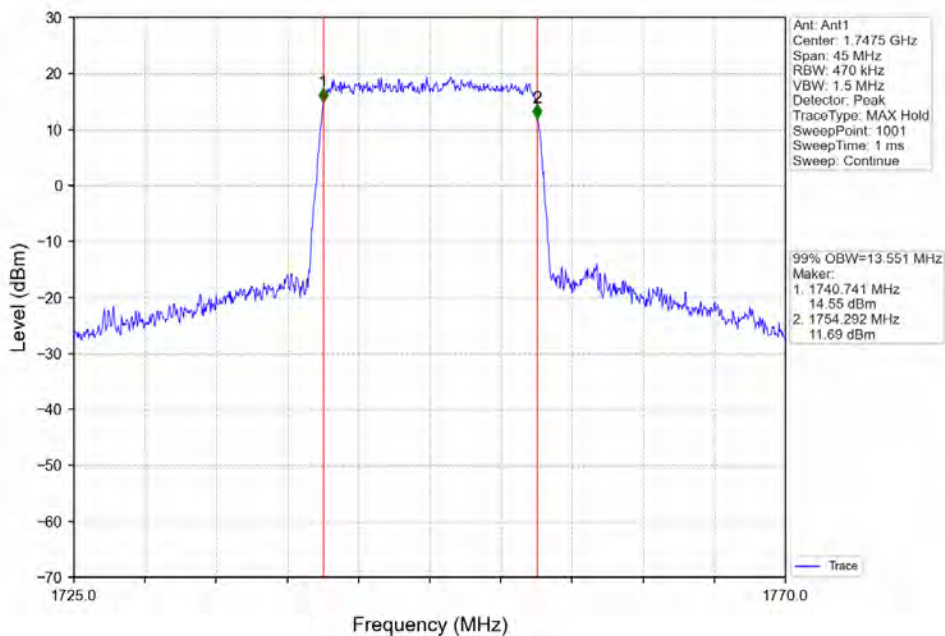
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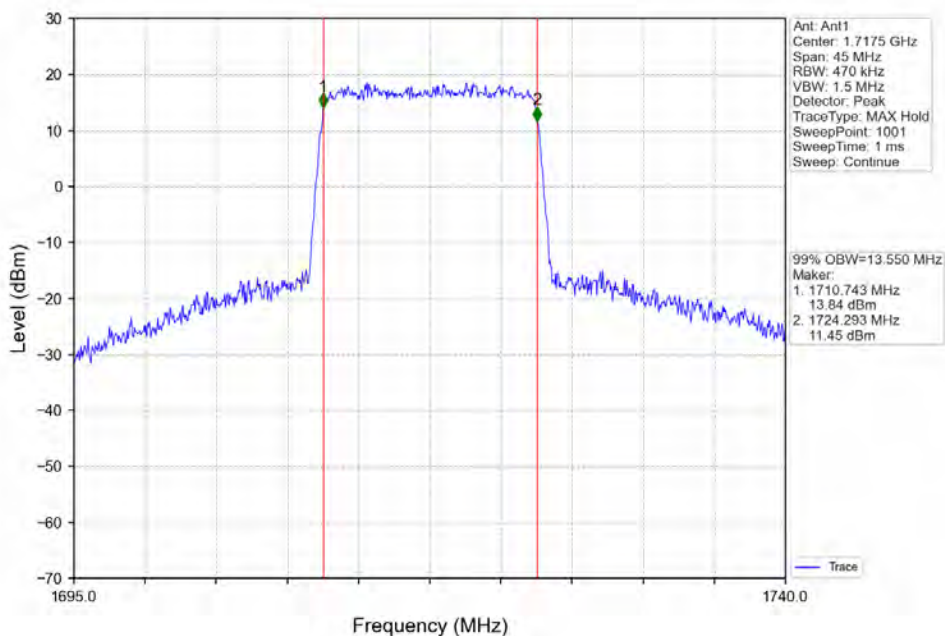
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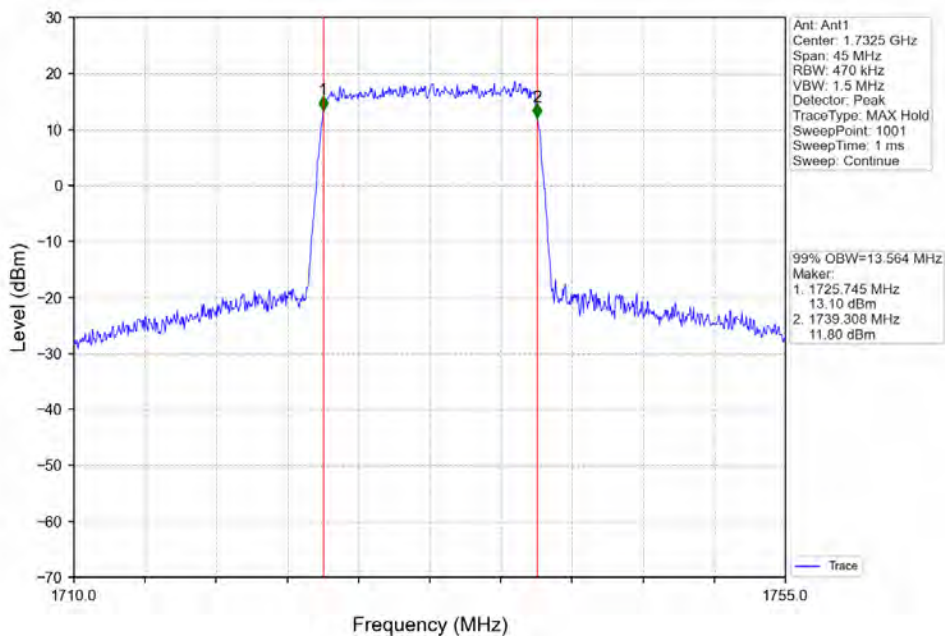
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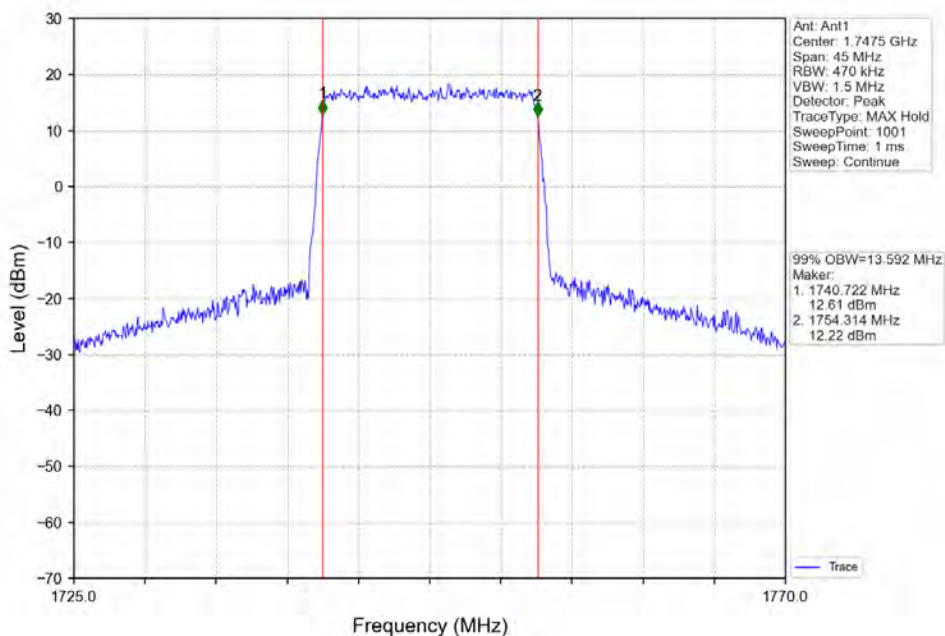
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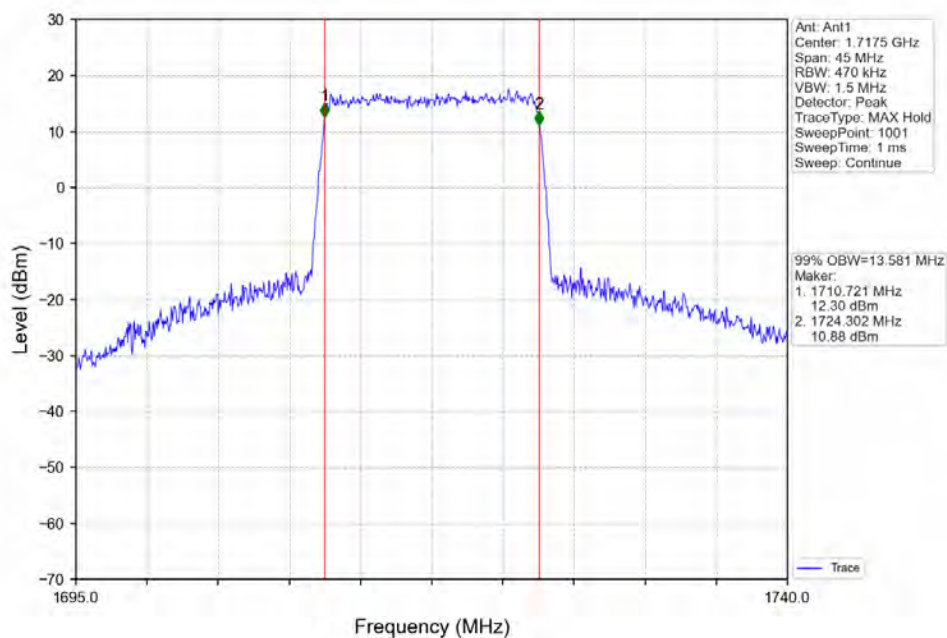
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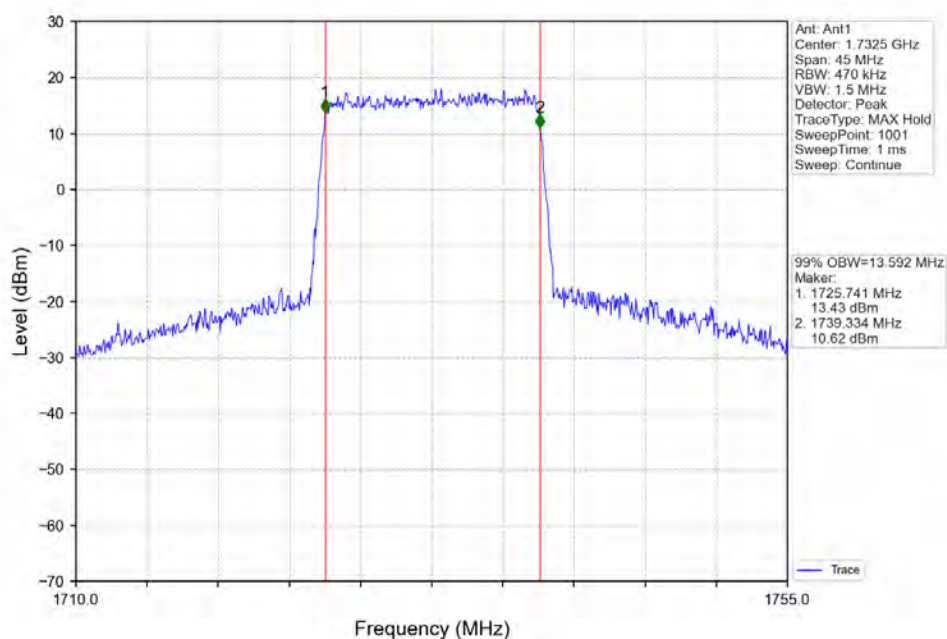
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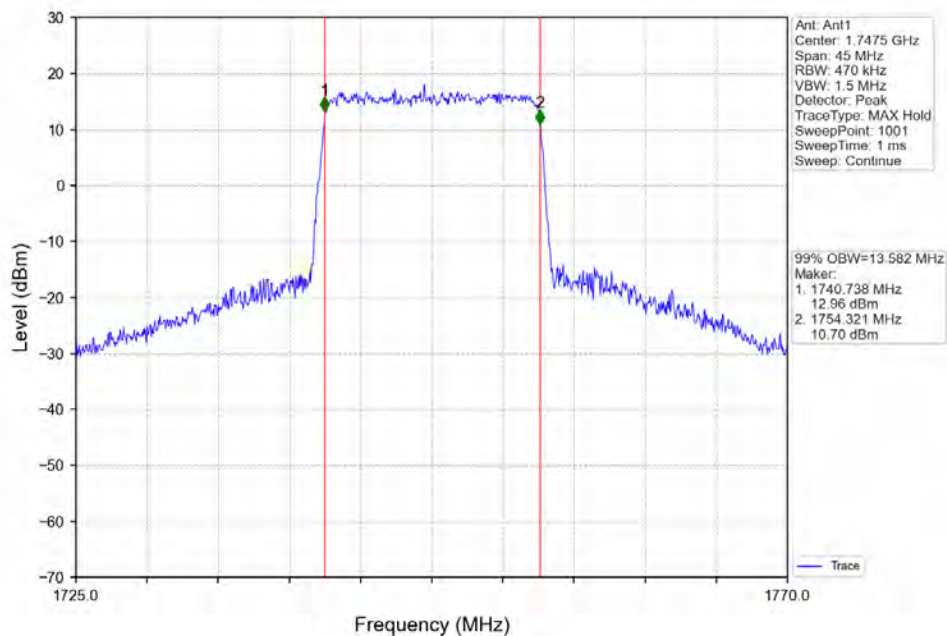
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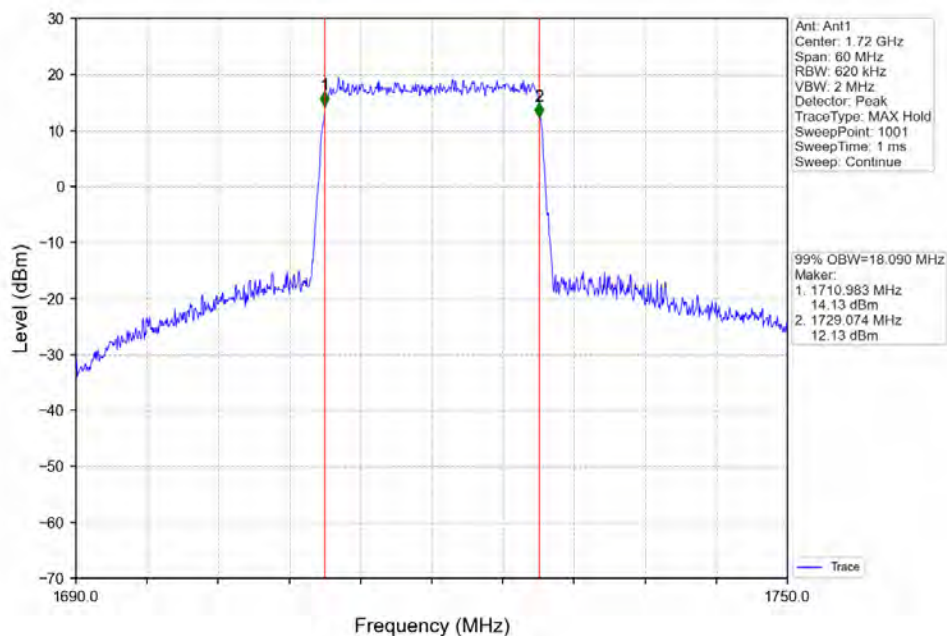
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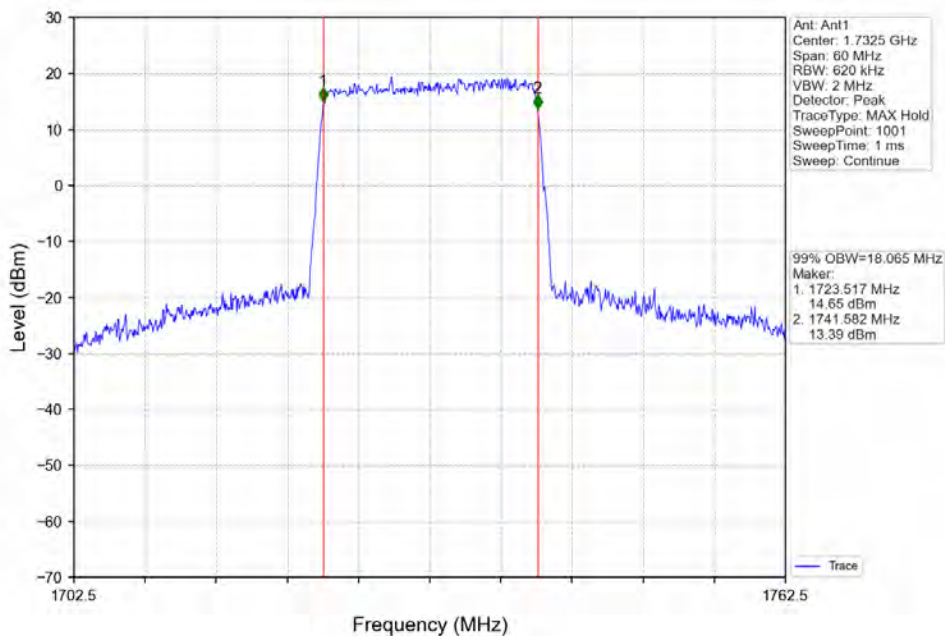
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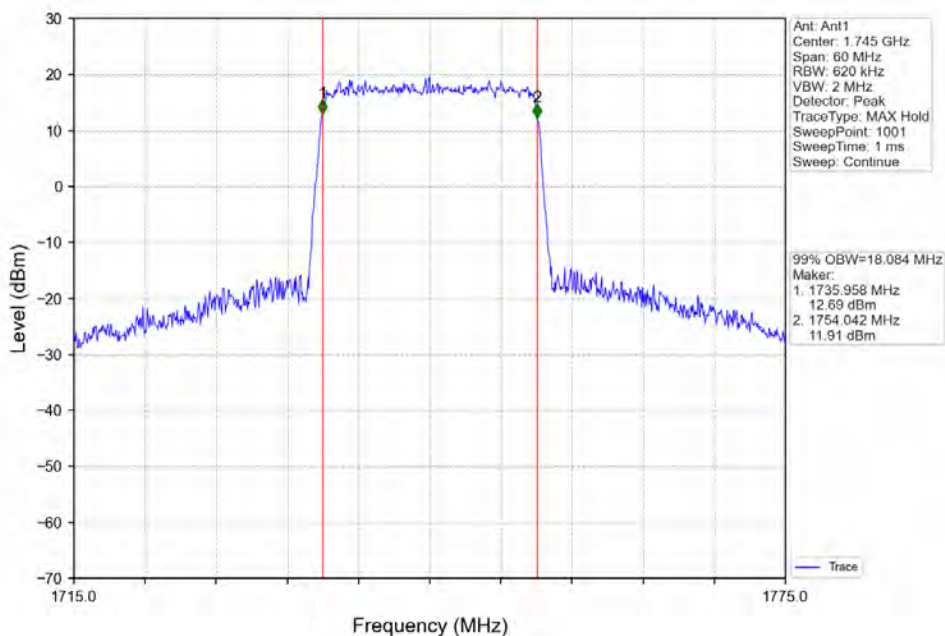
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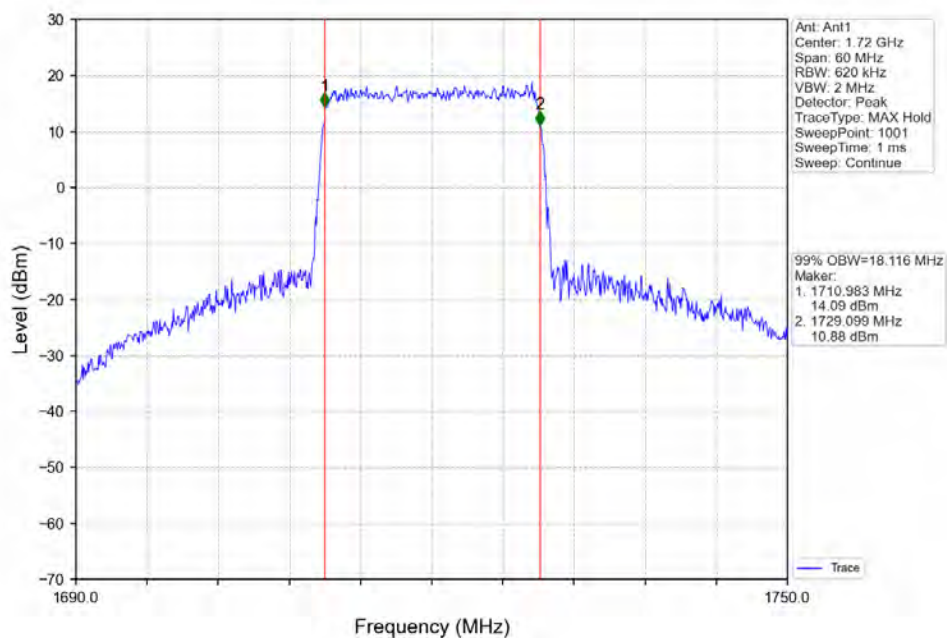
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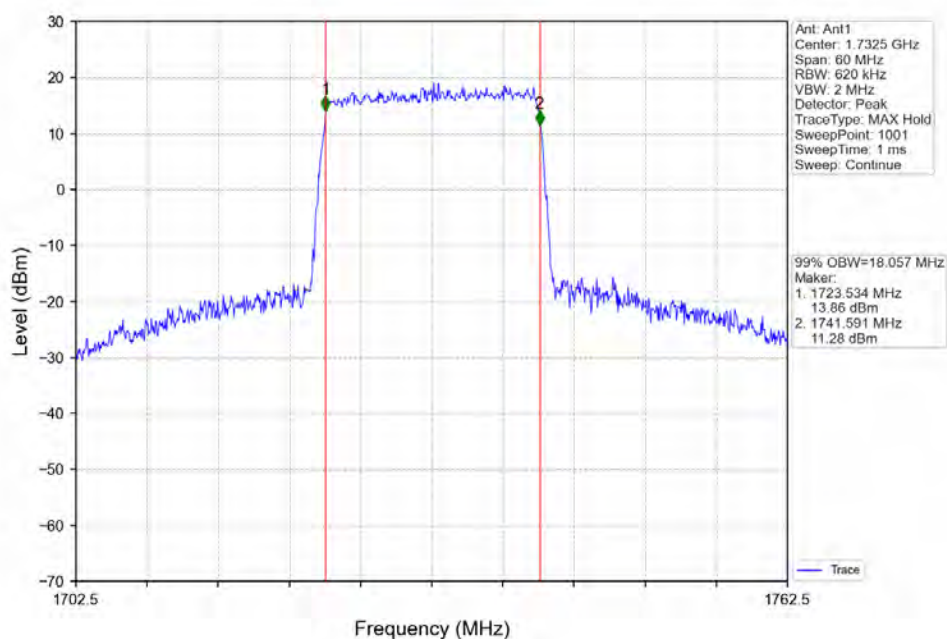
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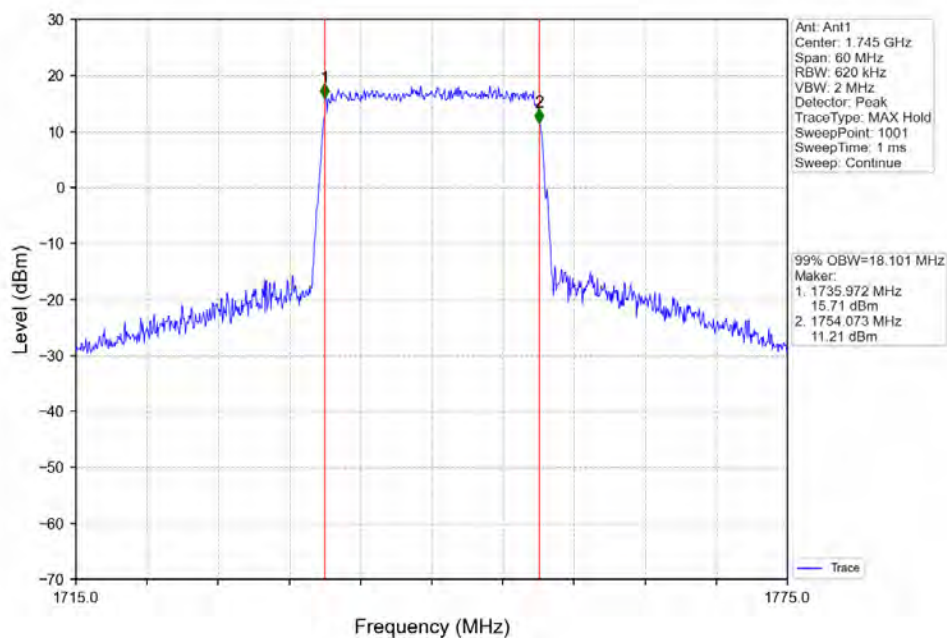
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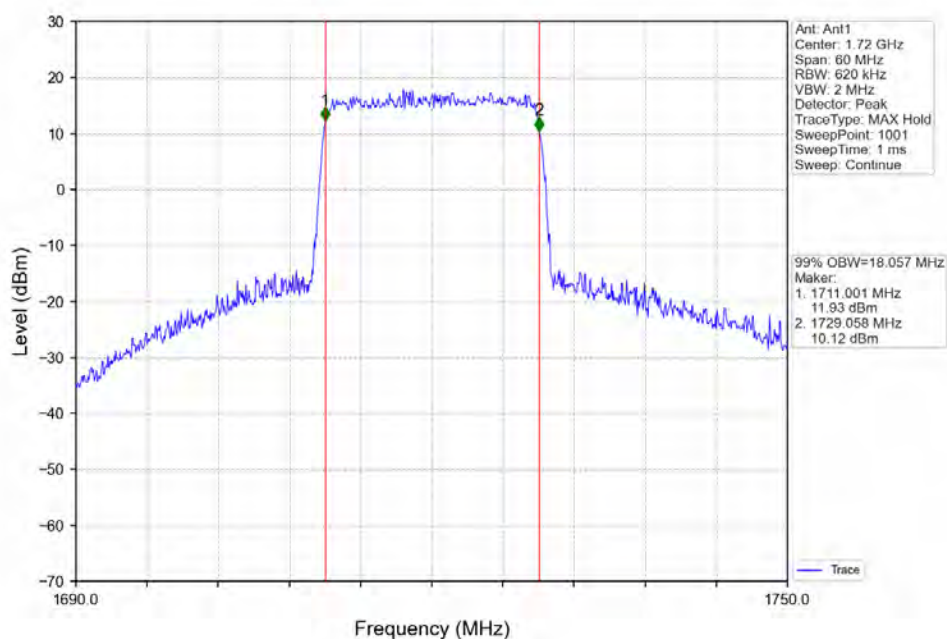
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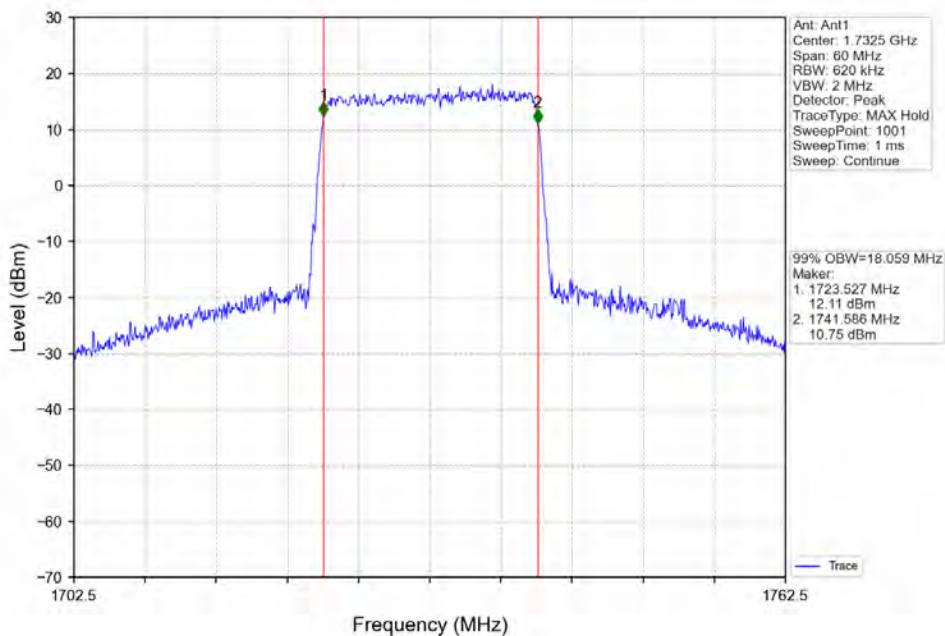
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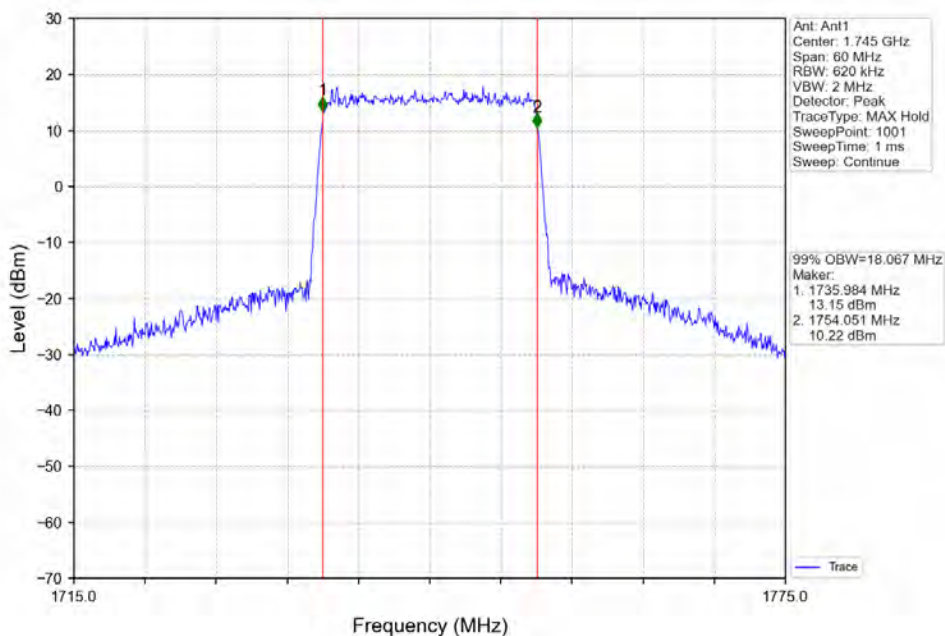
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



BAND4_XDB

TEST RESULT

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset		
1.4	QPSK	1710.7	6	0	1.306	Pass
		1732.5	6	0	1.298	Pass
		1754.3	6	0	1.308	Pass
	16QAM	1710.7	6	0	1.297	Pass
		1732.5	6	0	1.312	Pass
		1754.3	6	0	1.299	Pass
	64QAM	1710.7	6	0	1.325	Pass
		1732.5	6	0	1.302	Pass
		1754.3	6	0	1.298	Pass
3	QPSK	1711.5	15	0	3.035	Pass
		1732.5	15	0	3.045	Pass
		1753.5	15	0	3.036	Pass
	16QAM	1711.5	15	0	3.031	Pass
		1732.5	15	0	3.046	Pass
		1753.5	15	0	3.070	Pass
	64QAM	1711.5	15	0	3.040	Pass
		1732.5	15	0	3.038	Pass
		1753.5	15	0	3.052	Pass
5	QPSK	1712.5	25	0	5.002	Pass
		1732.5	25	0	5.004	Pass
		1752.5	25	0	5.019	Pass
	16QAM	1712.5	25	0	5.008	Pass
		1732.5	25	0	4.990	Pass
		1752.5	25	0	5.010	Pass
	64QAM	1712.5	25	0	4.991	Pass
		1732.5	25	0	5.006	Pass
		1752.5	25	0	4.978	Pass
10	QPSK	1715	50	0	9.904	Pass
		1732.5	50	0	9.894	Pass
		1750	50	0	9.908	Pass
	16QAM	1715	50	0	9.853	Pass
		1732.5	50	0	9.931	Pass
		1750	50	0	9.888	Pass
	64QAM	1715	50	0	9.912	Pass
		1732.5	50	0	9.904	Pass
		1750	50	0	9.824	Pass
15	QPSK	1717.5	75	0	14.867	Pass
		1732.5	75	0	14.827	Pass
		1747.5	75	0	14.837	Pass
	16QAM	1717.5	75	0	14.878	Pass
		1732.5	75	0	14.850	Pass
		1747.5	75	0	14.791	Pass
	64QAM	1717.5	75	0	14.828	Pass
		1732.5	75	0	14.852	Pass
		1747.5	75	0	14.821	Pass
20	QPSK	1720	100	0	19.682	Pass
		1732.5	100	0	19.715	Pass



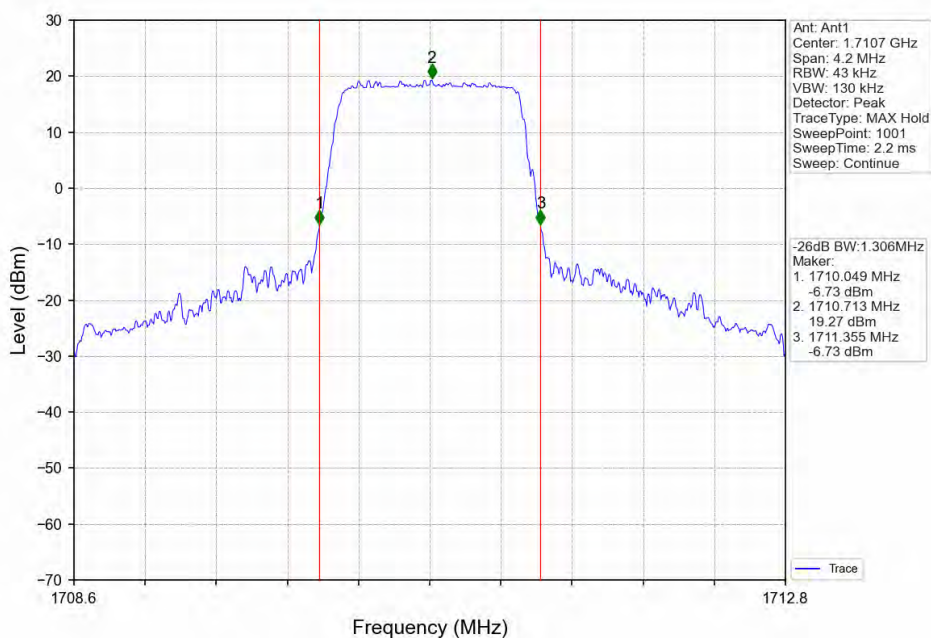
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF16

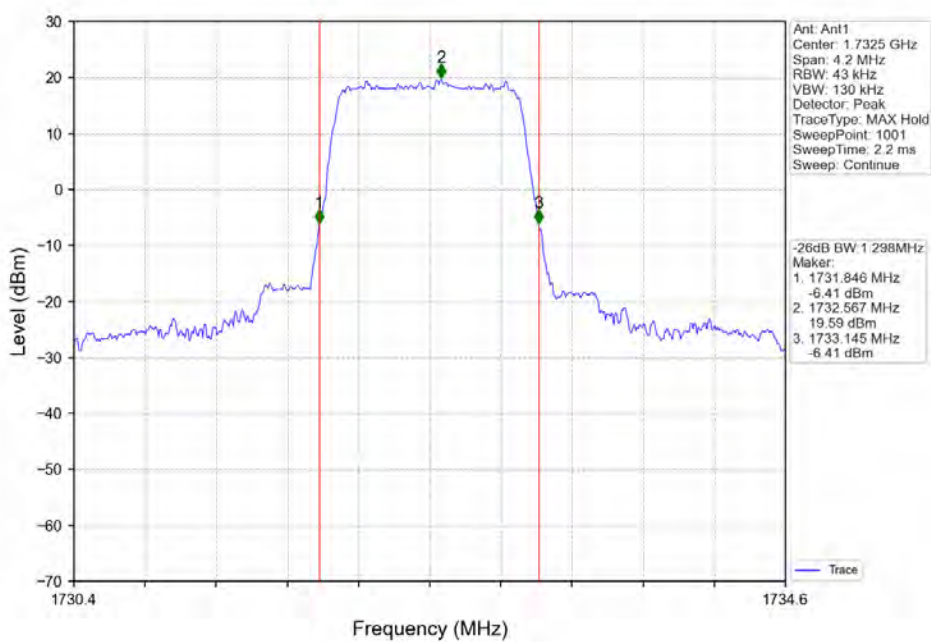
	16QAM	1745	100	0	19.758	Pass
		1720	100	0	19.751	Pass
		1732.5	100	0	19.690	Pass
		1745	100	0	19.717	Pass
	64QAM	1720	100	0	19.676	Pass
		1732.5	100	0	19.739	Pass
		1745	100	0	19.643	Pass

TEST GRAPH

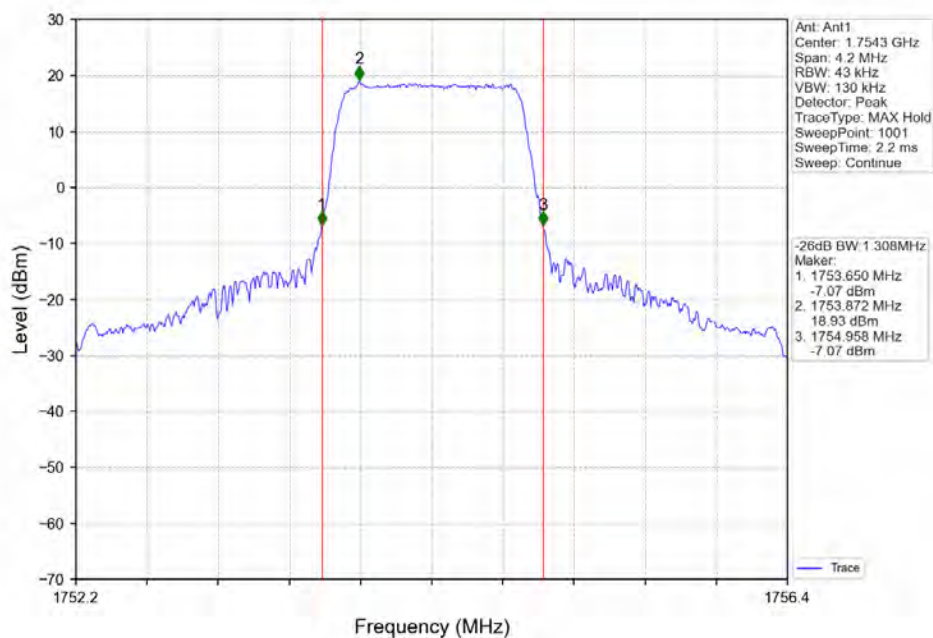
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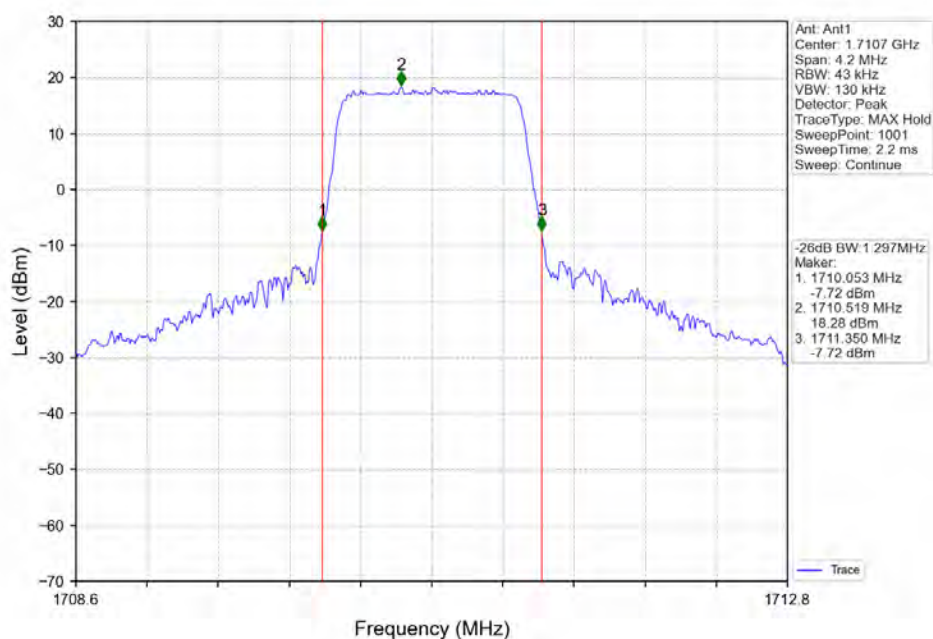
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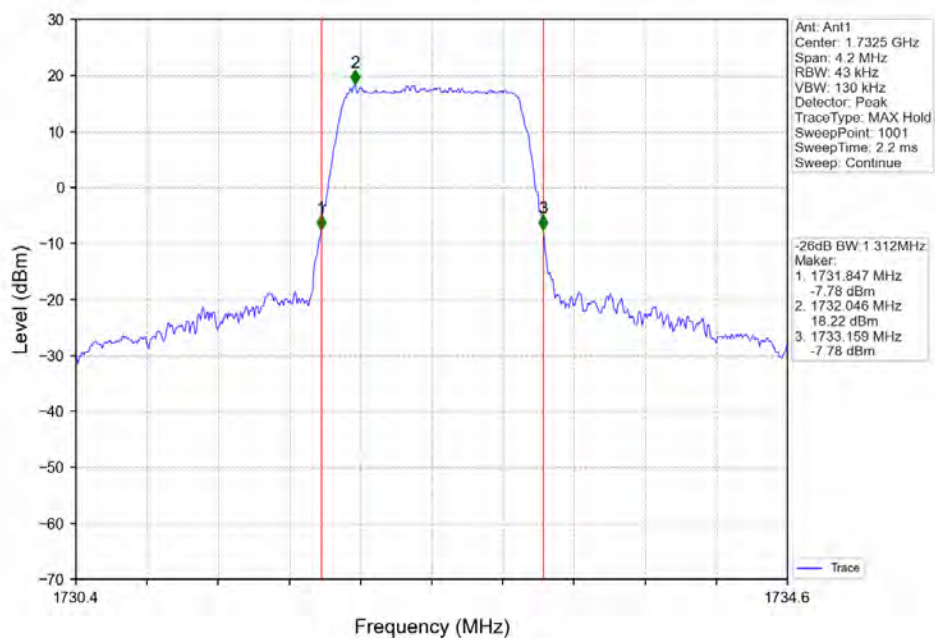
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



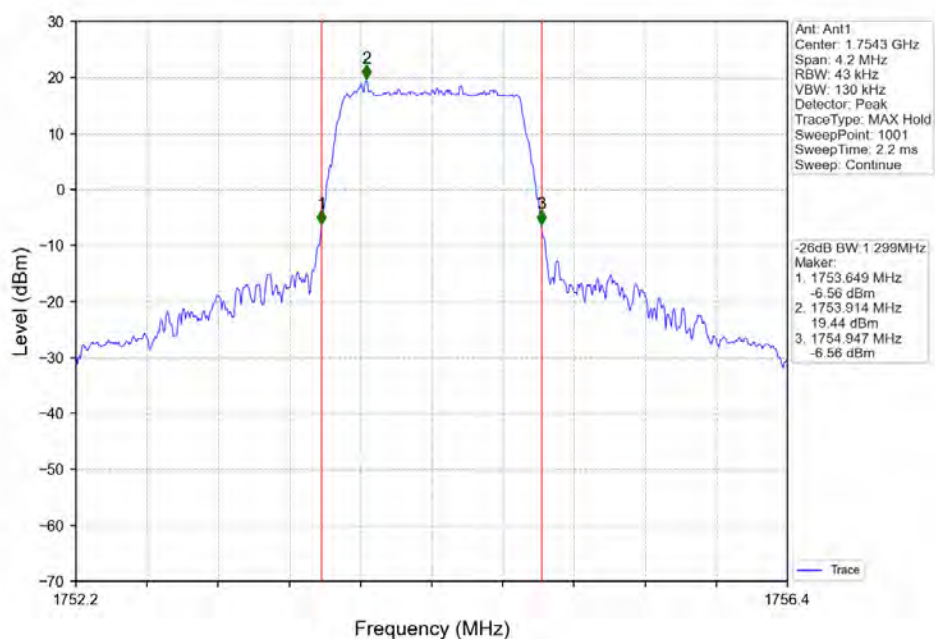
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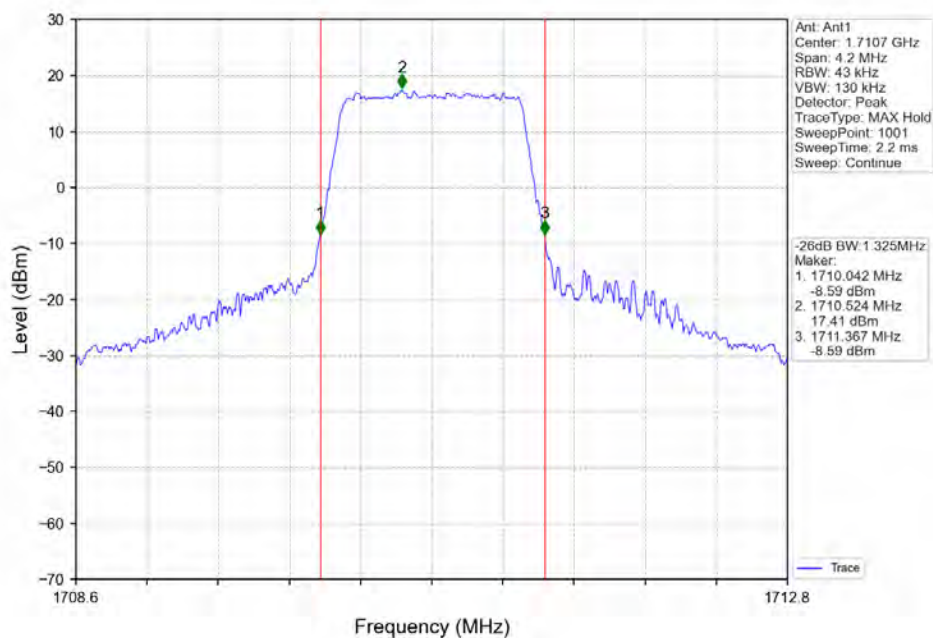
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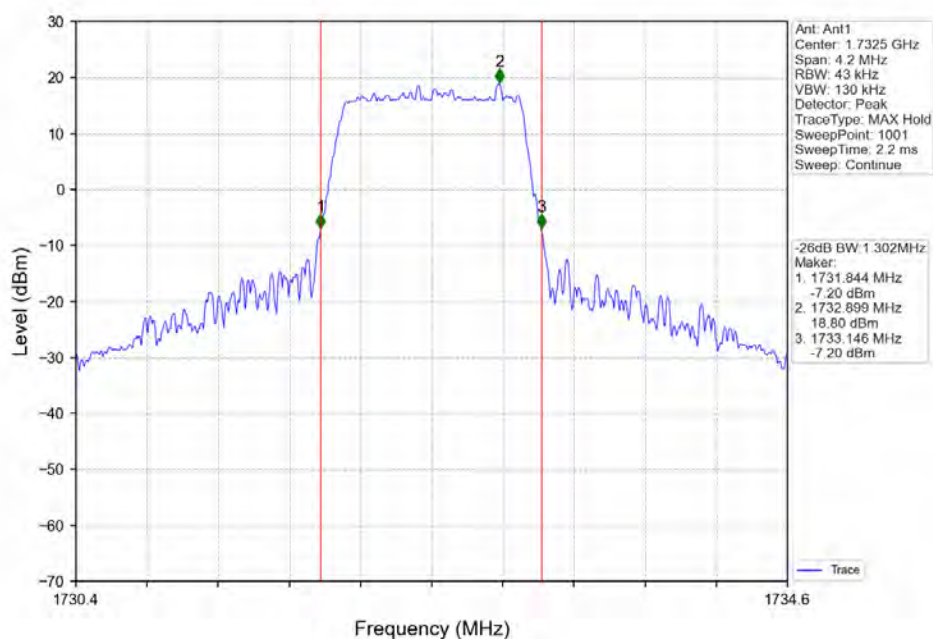
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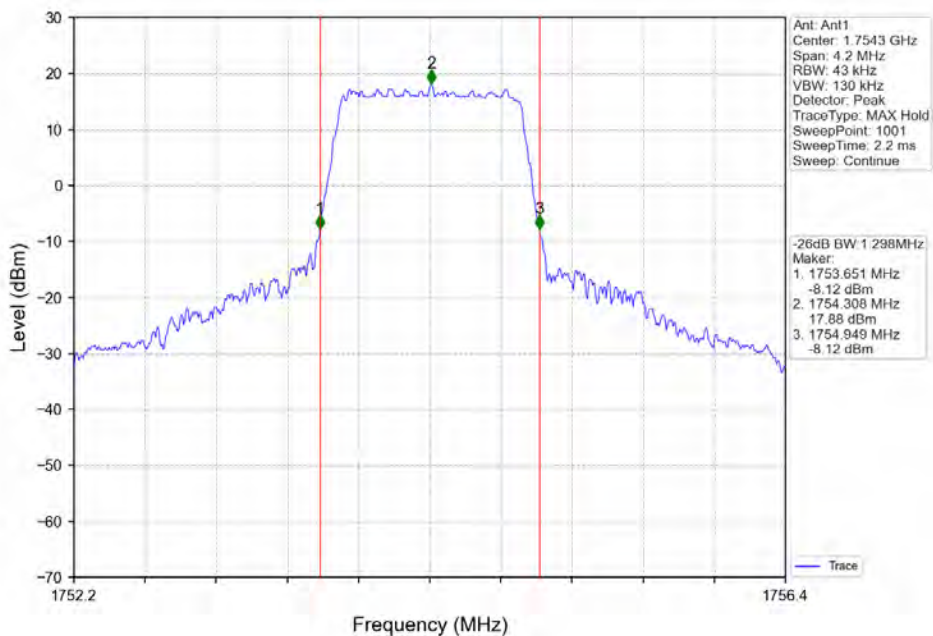
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



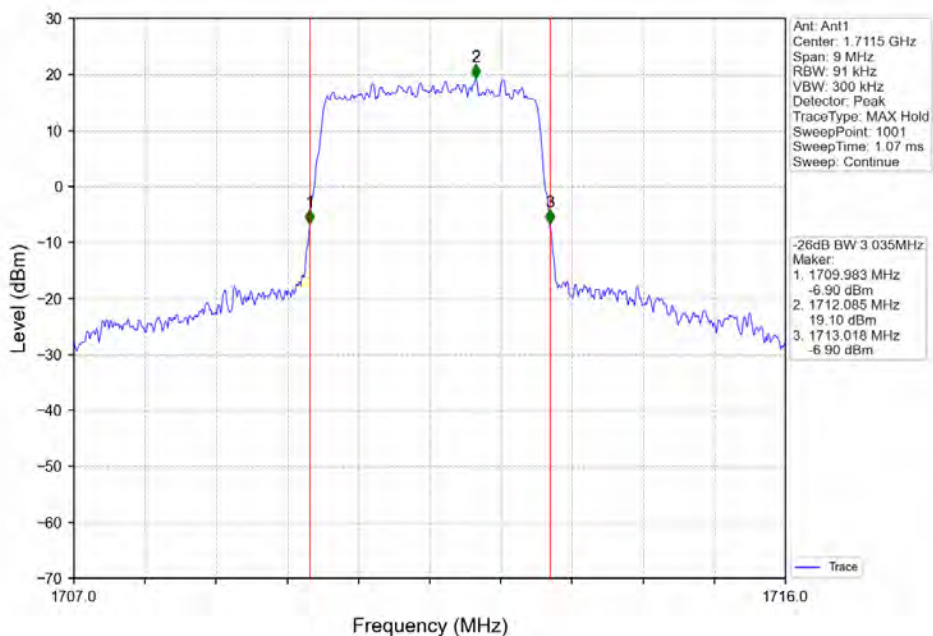
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



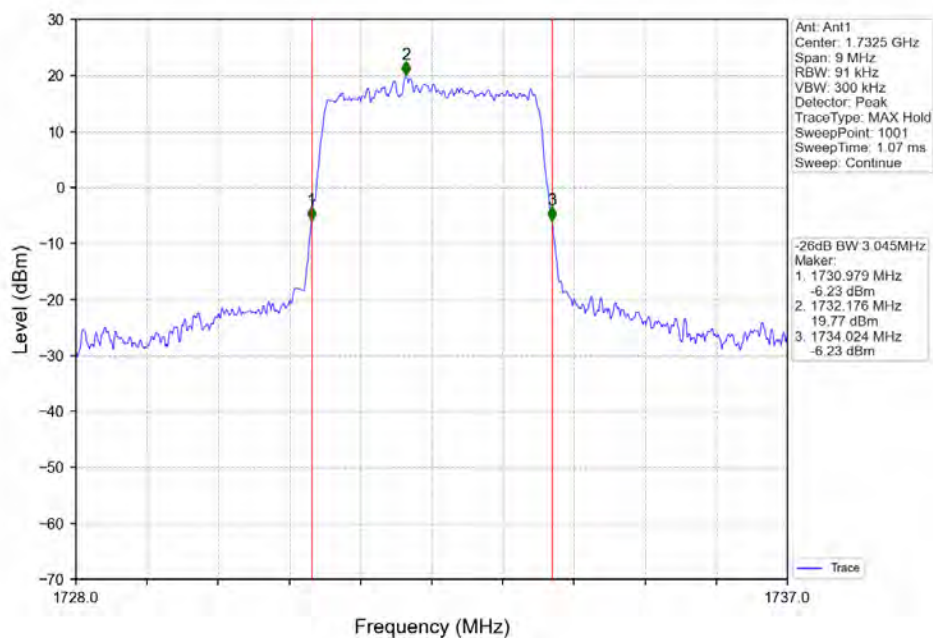
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



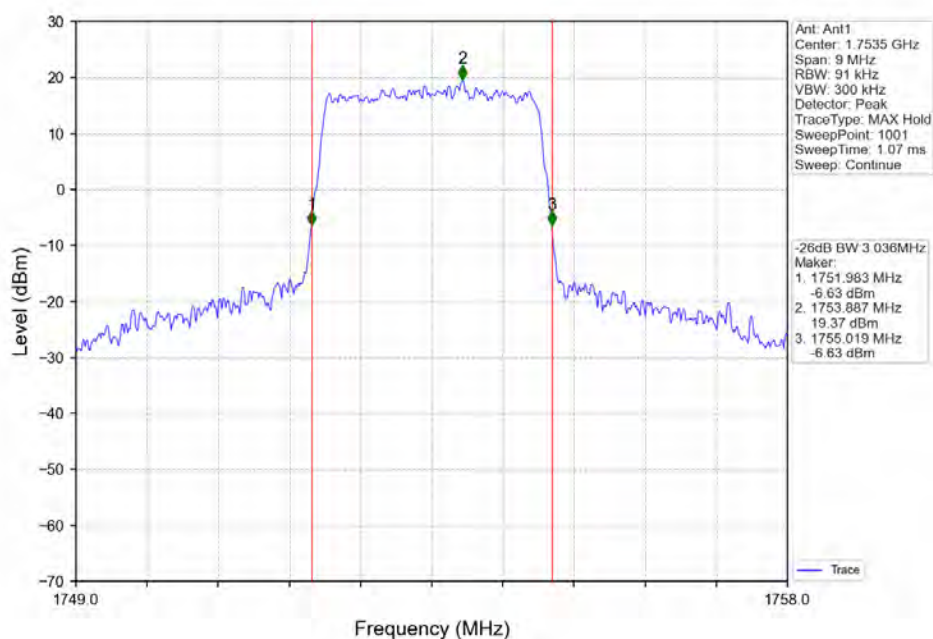
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



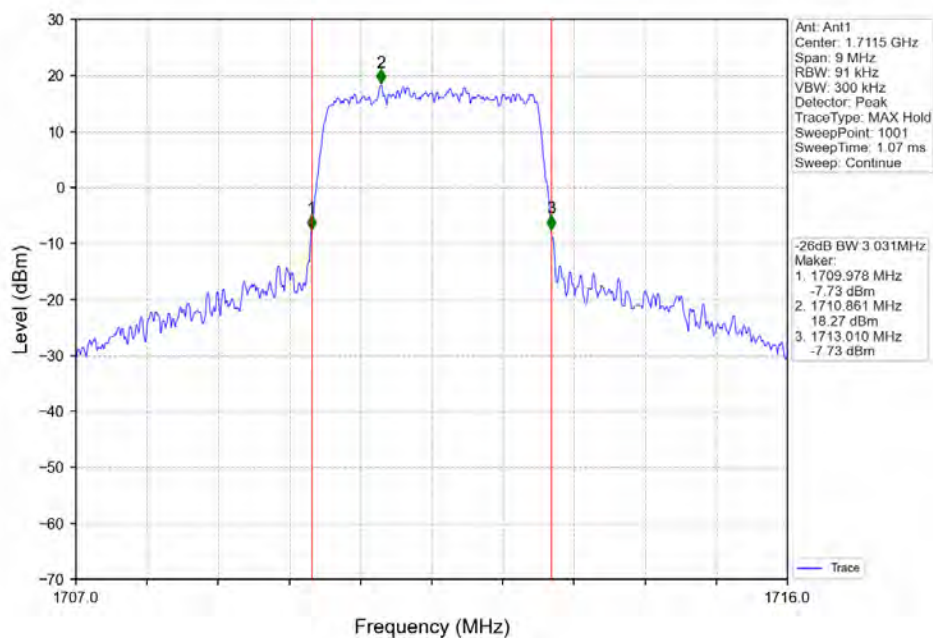
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



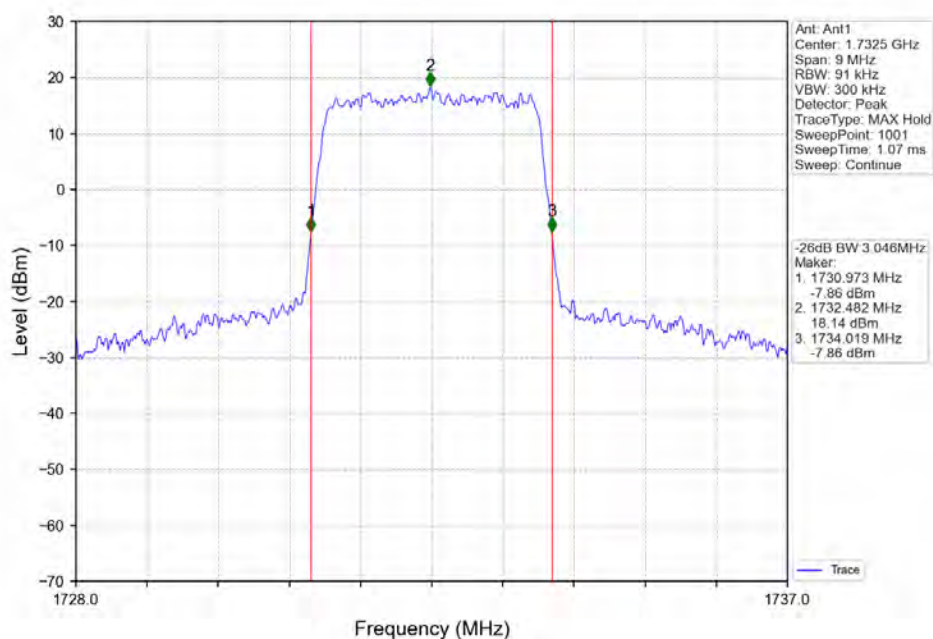
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



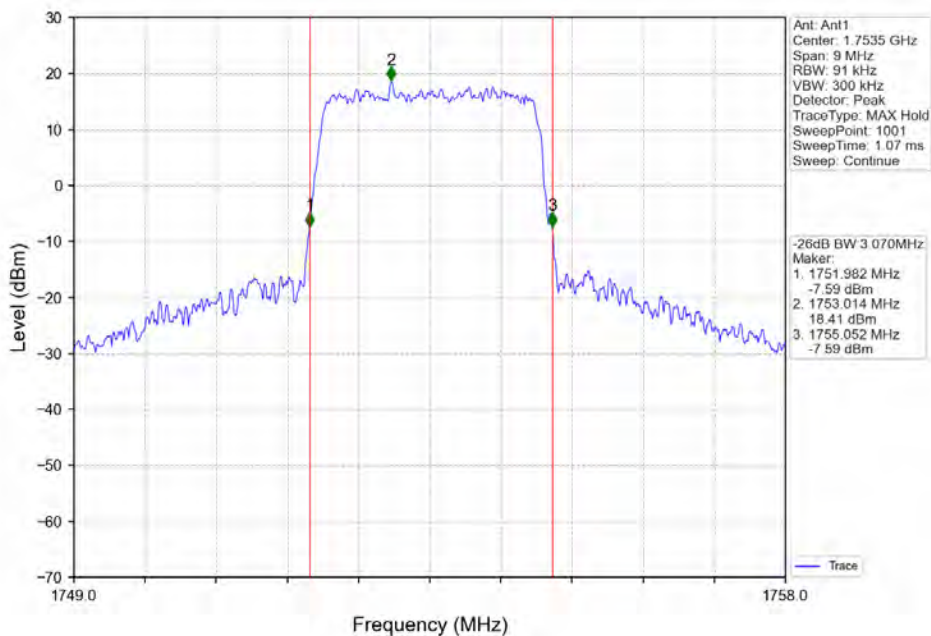
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



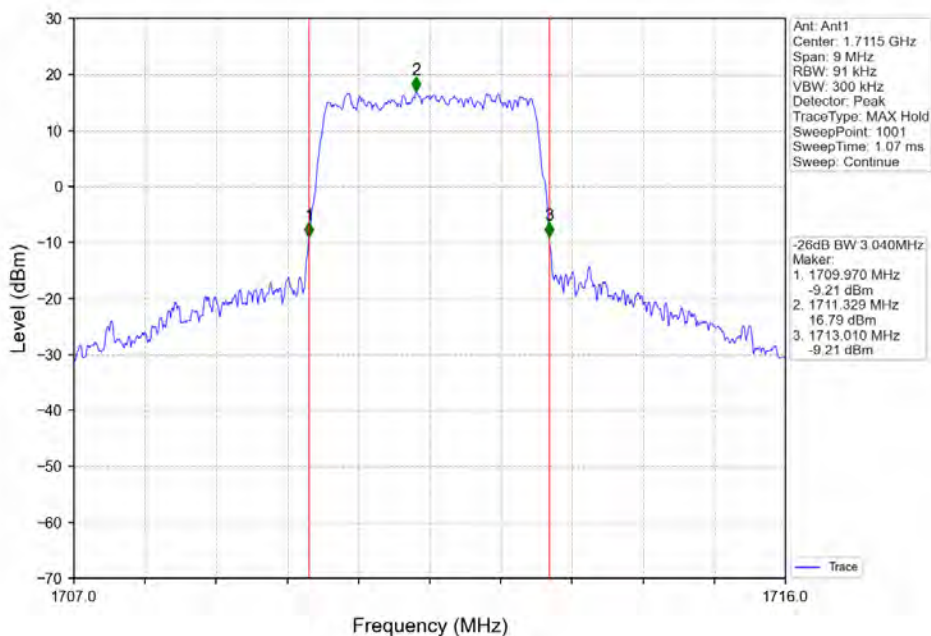
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



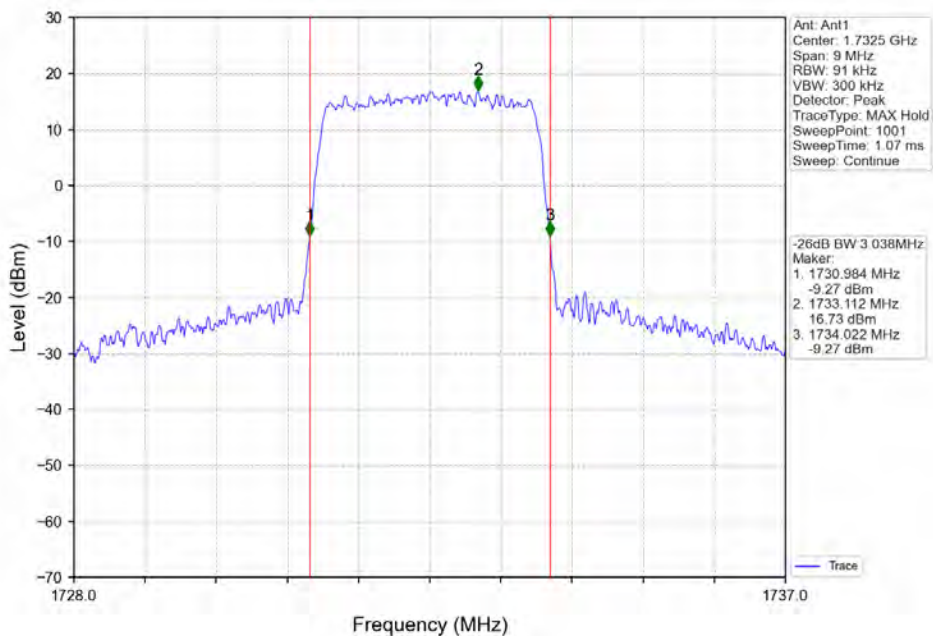
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



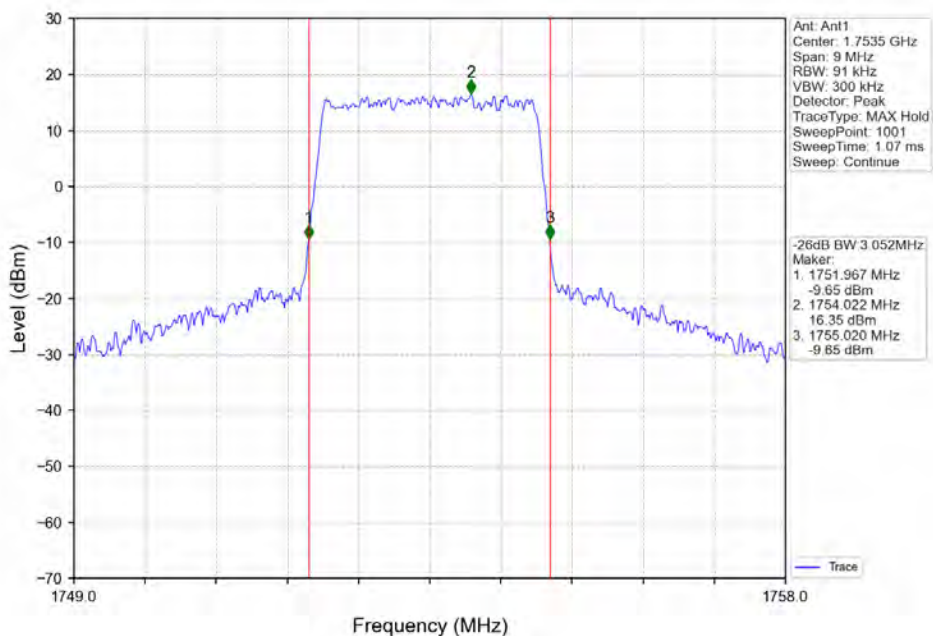
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



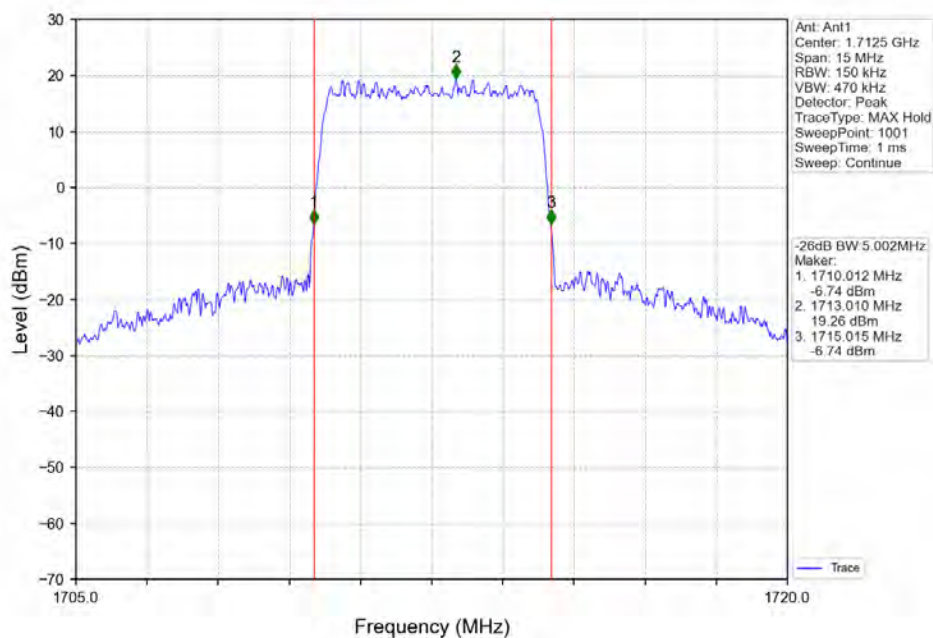
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



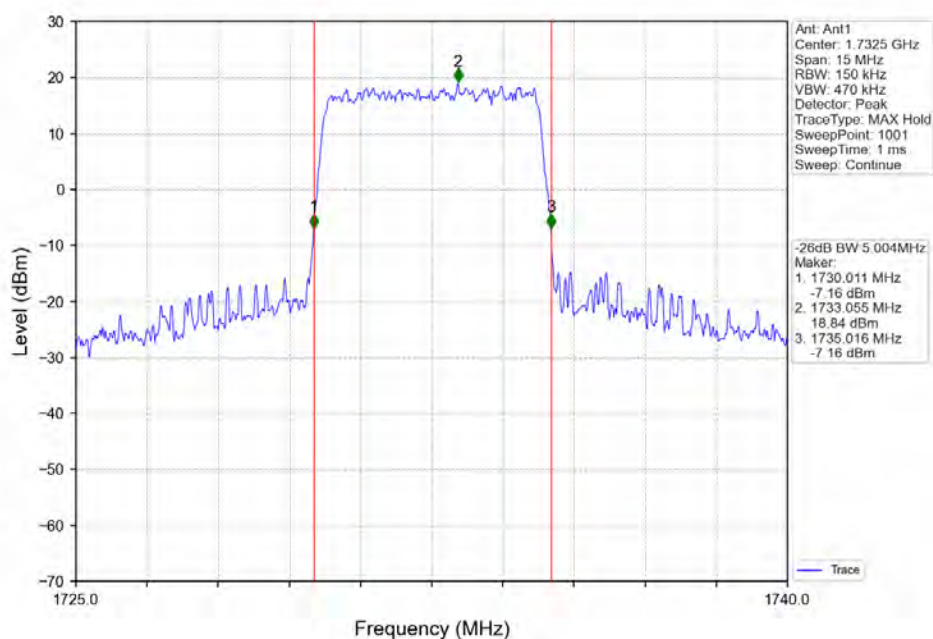
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



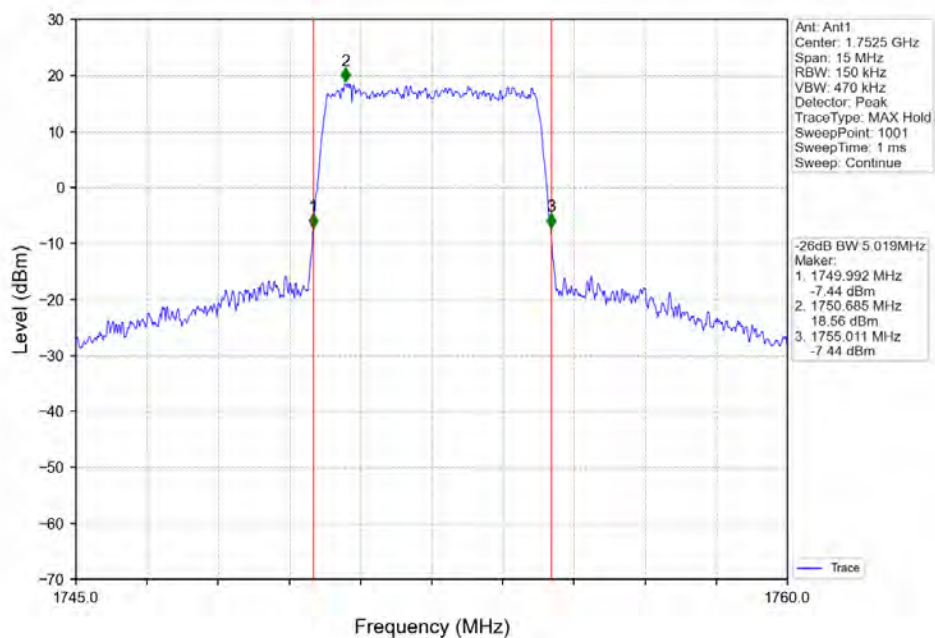
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



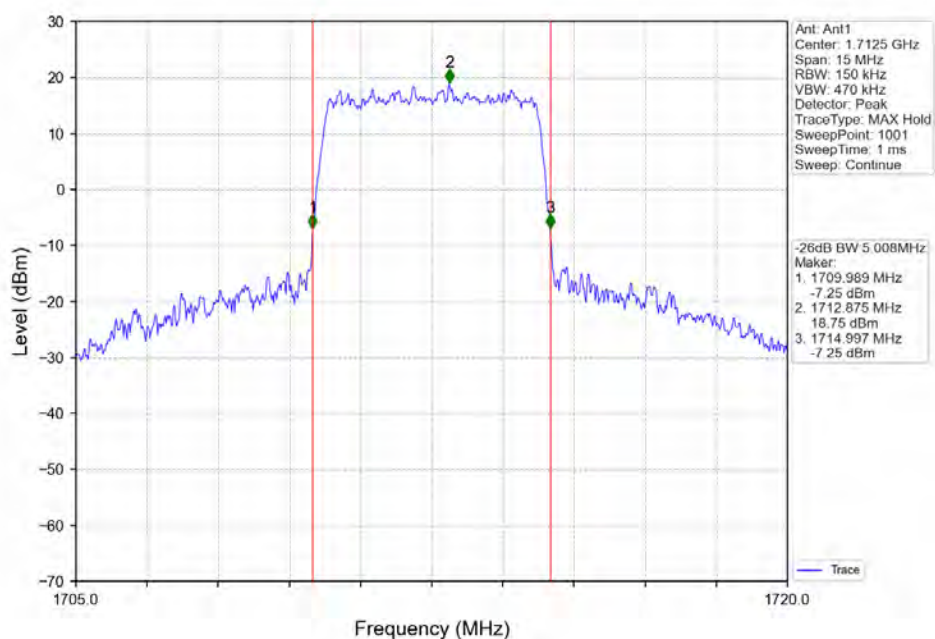
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



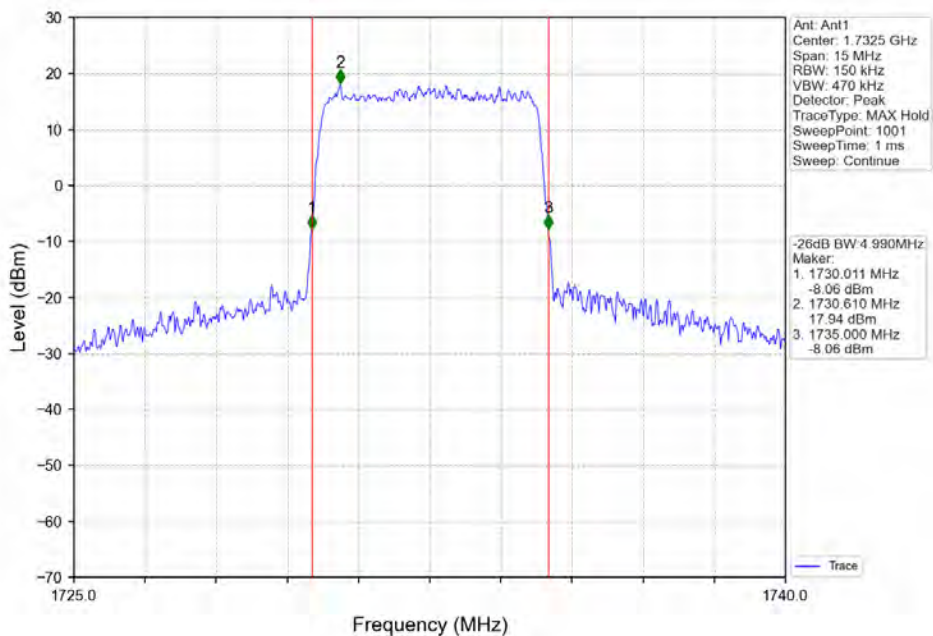
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



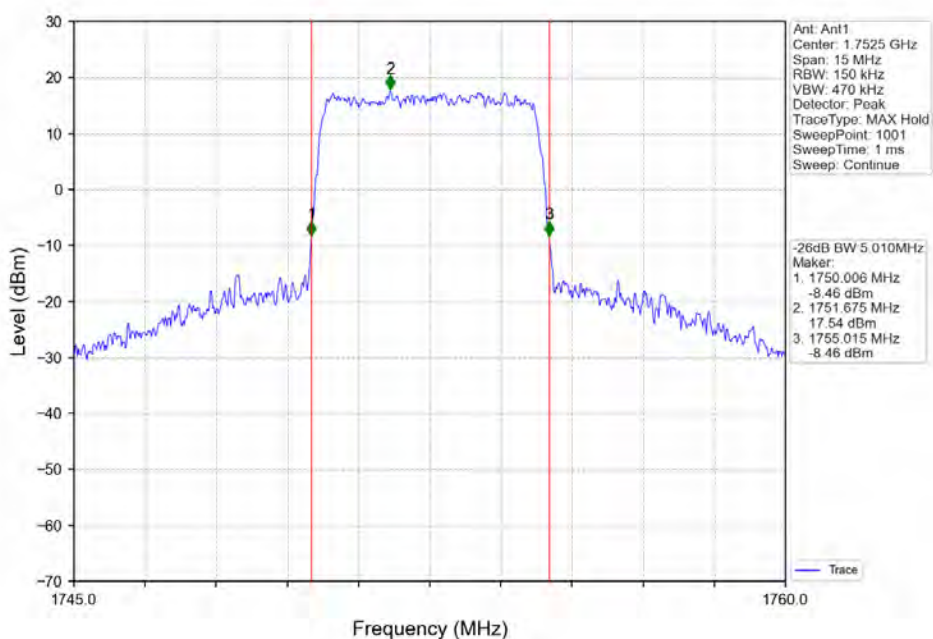
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



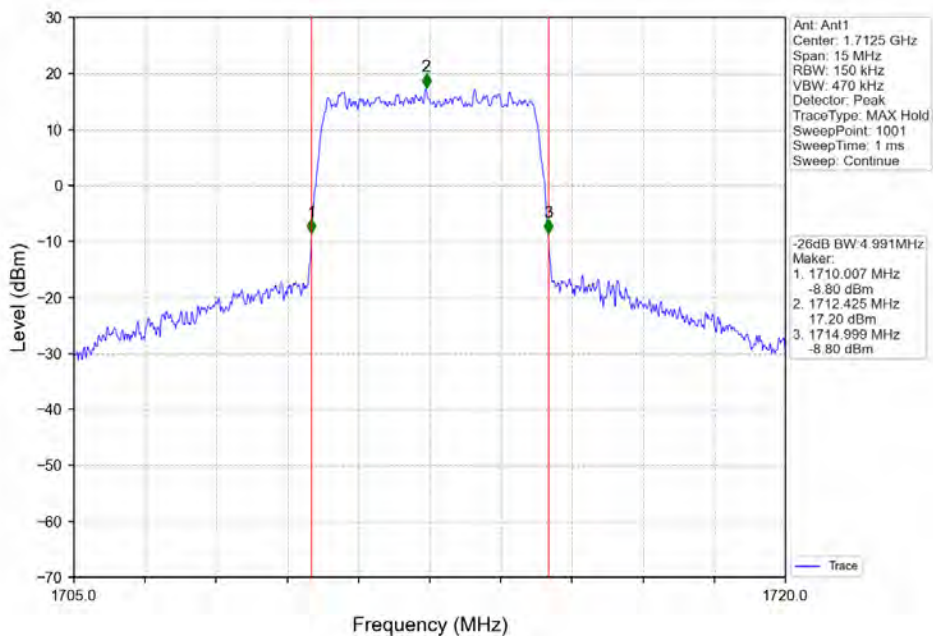
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



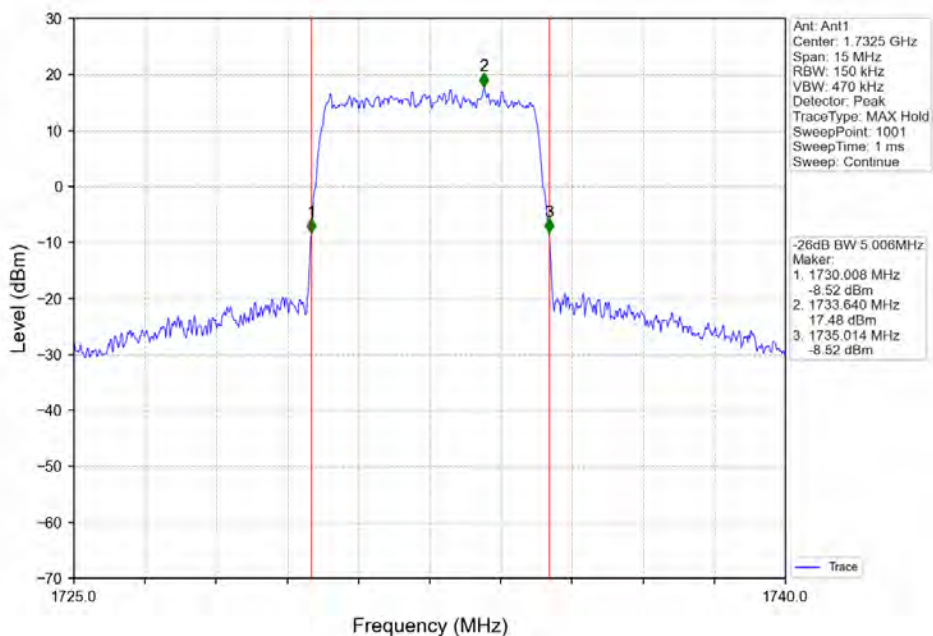
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



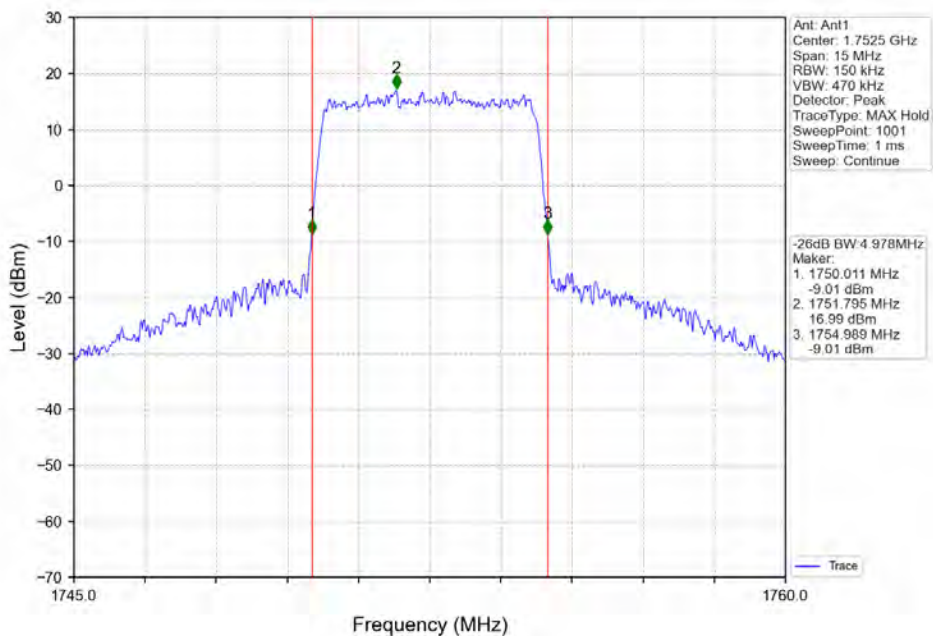
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



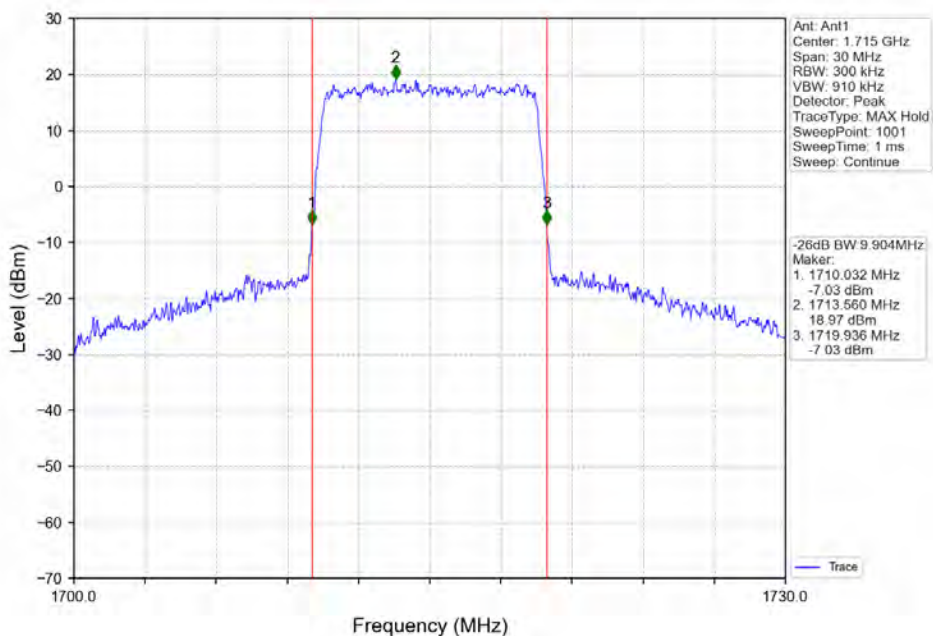
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



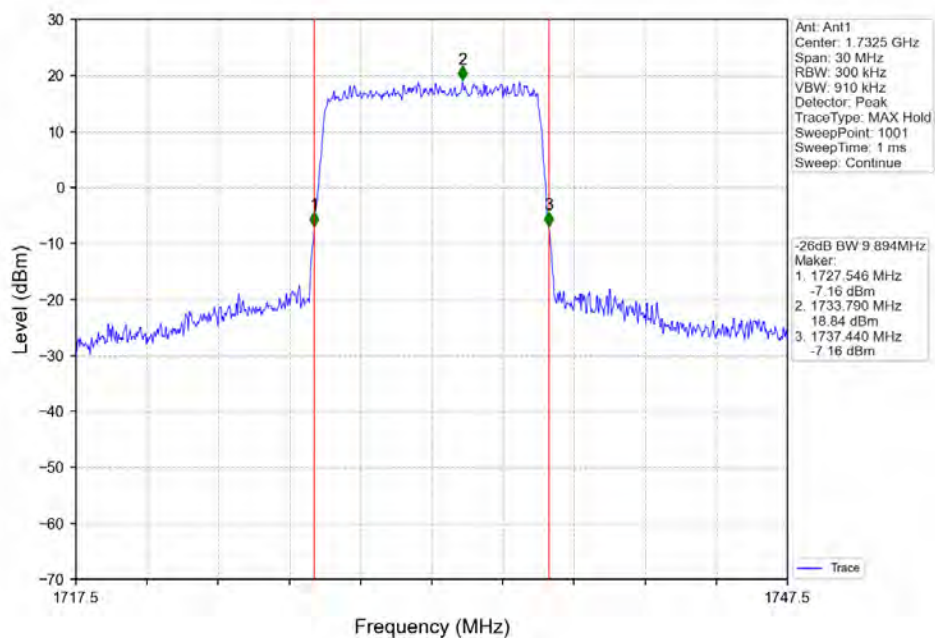
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



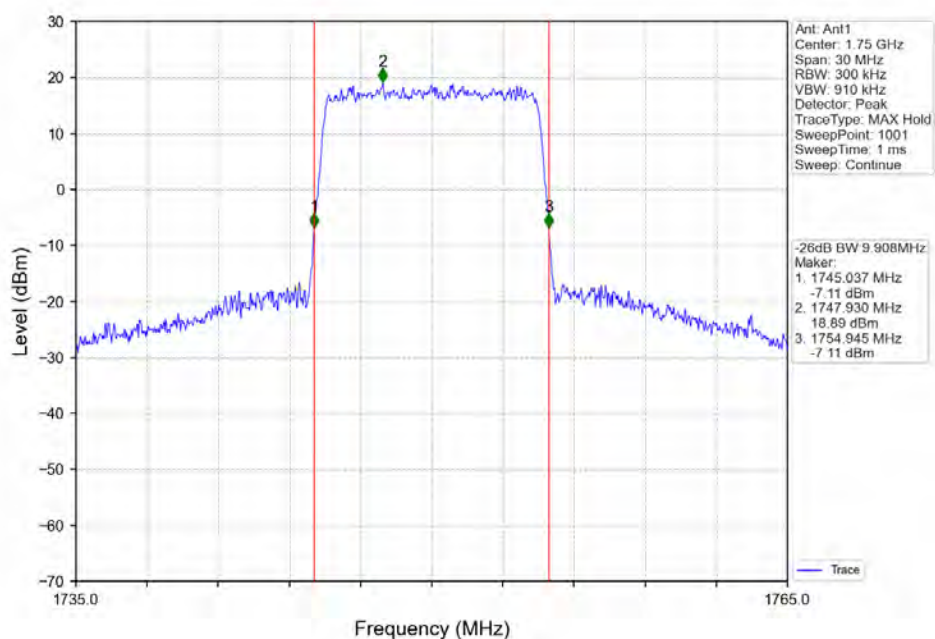
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



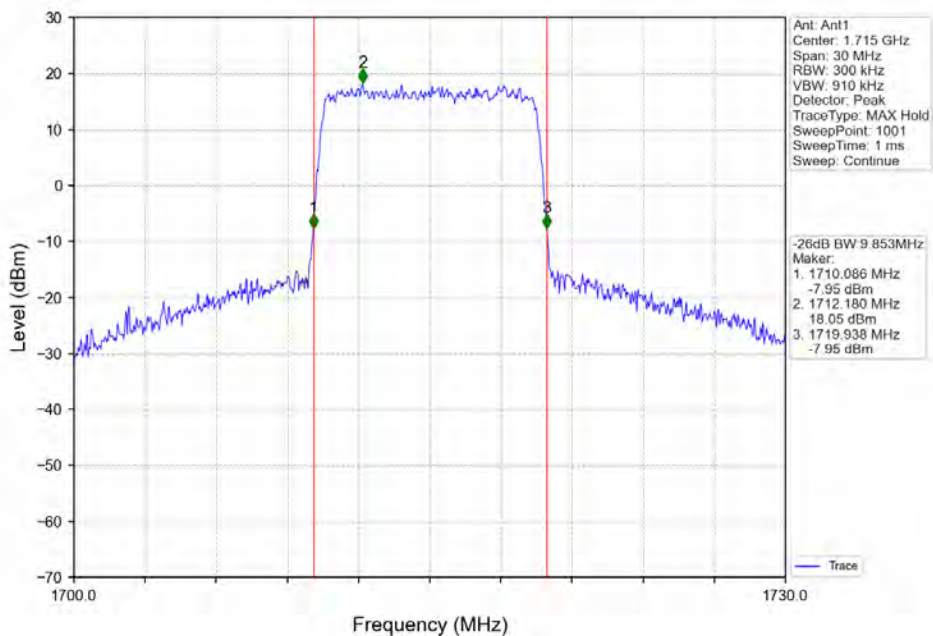
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



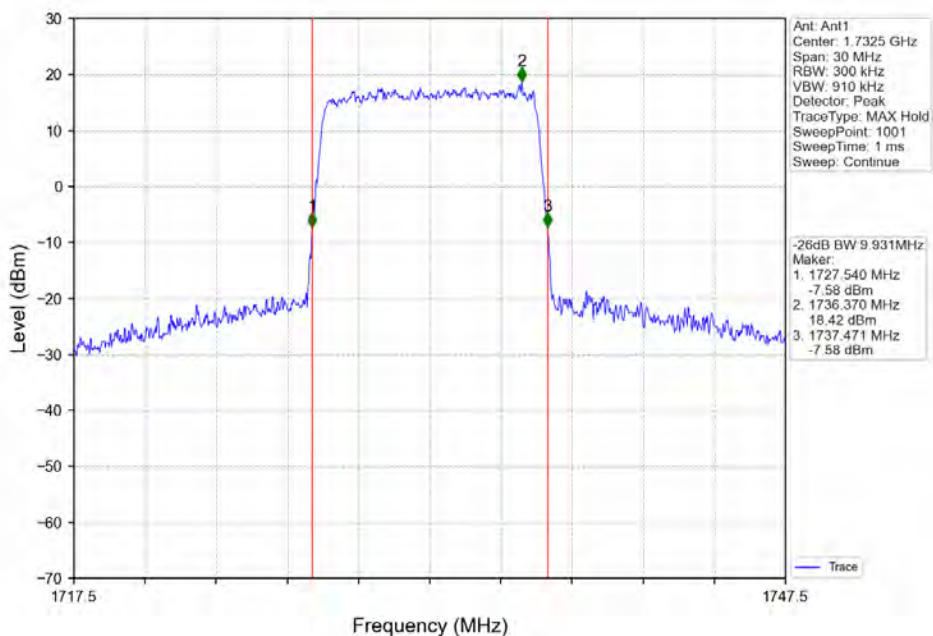
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



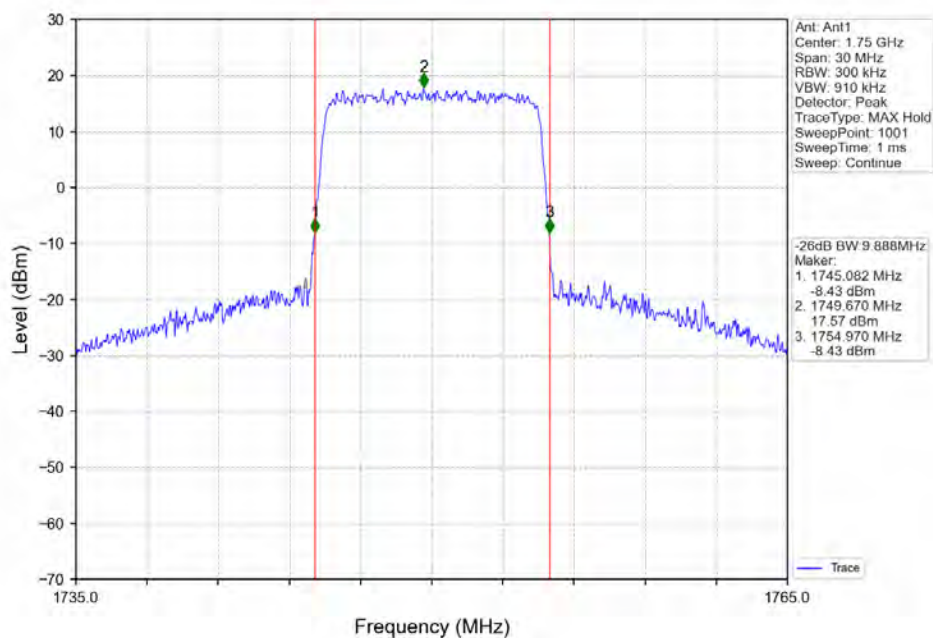
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



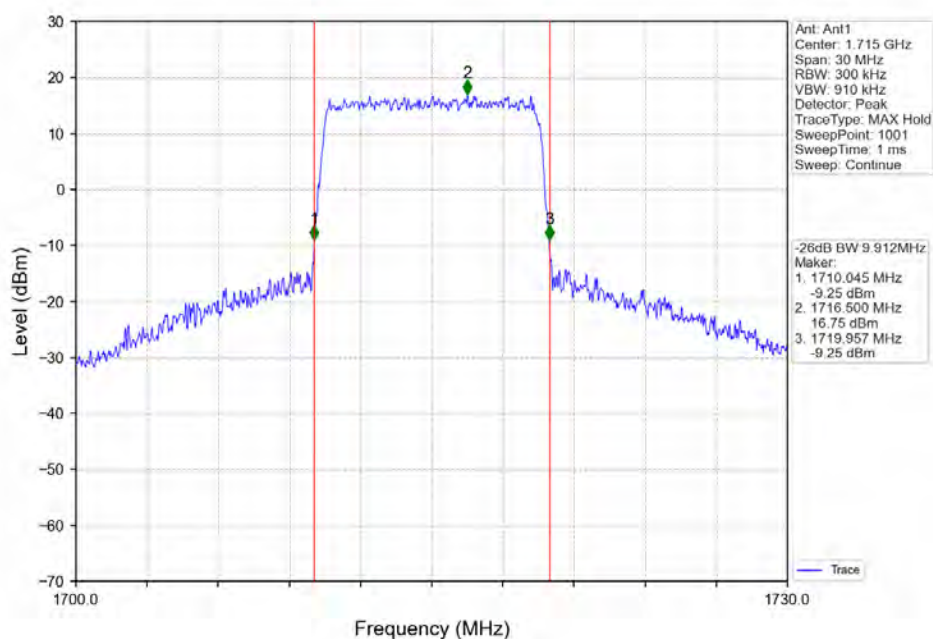
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



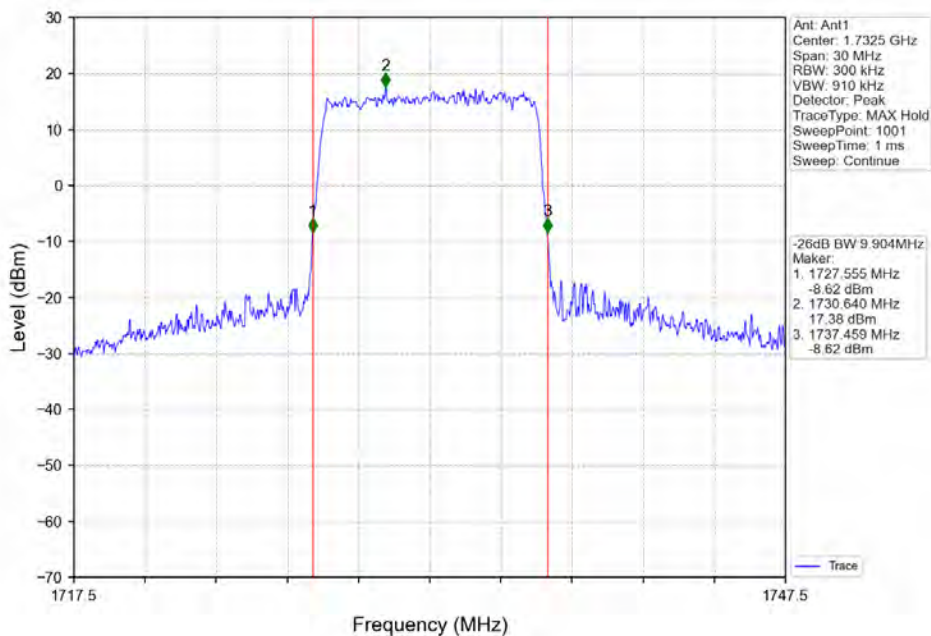
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



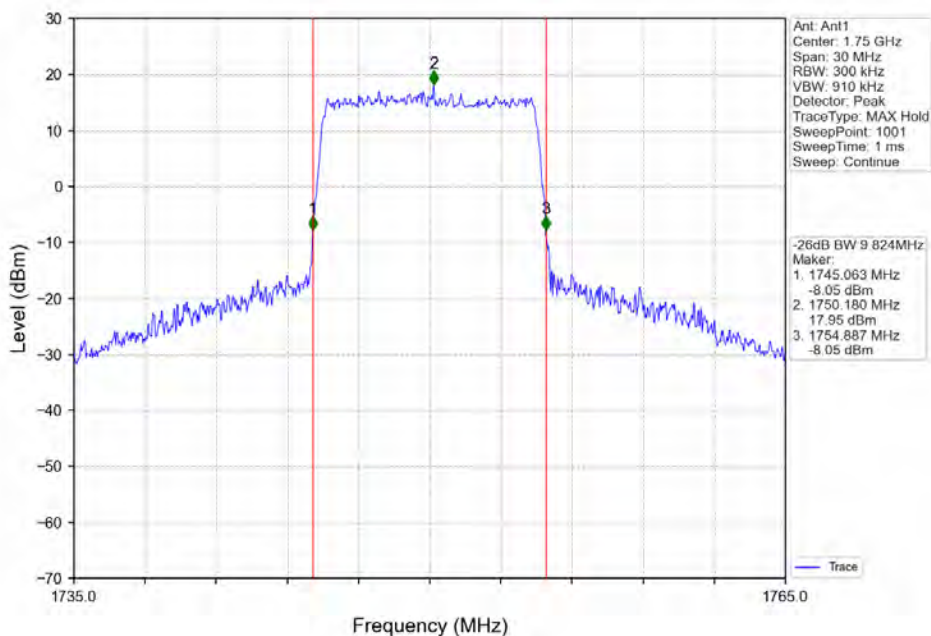
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



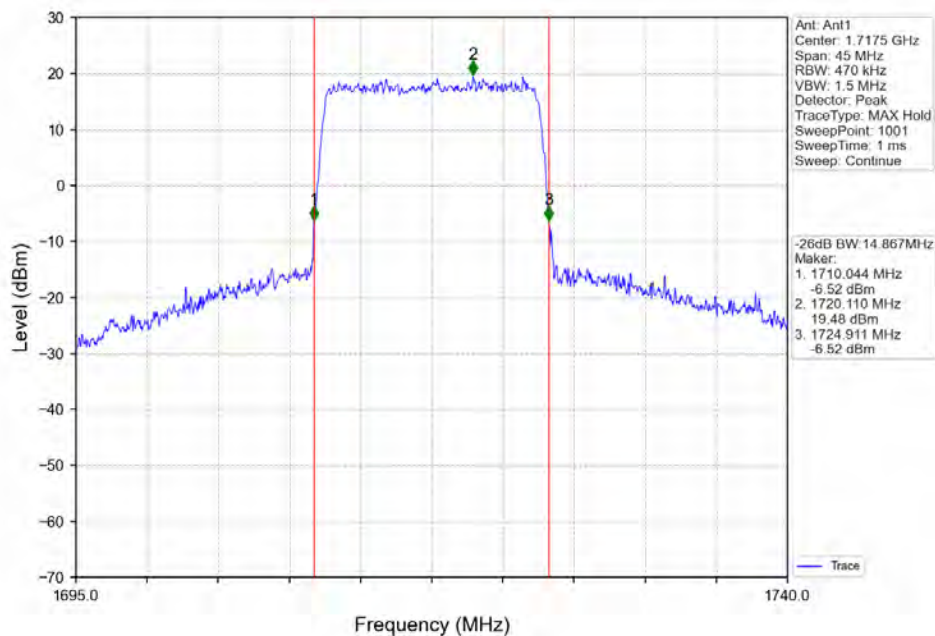
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



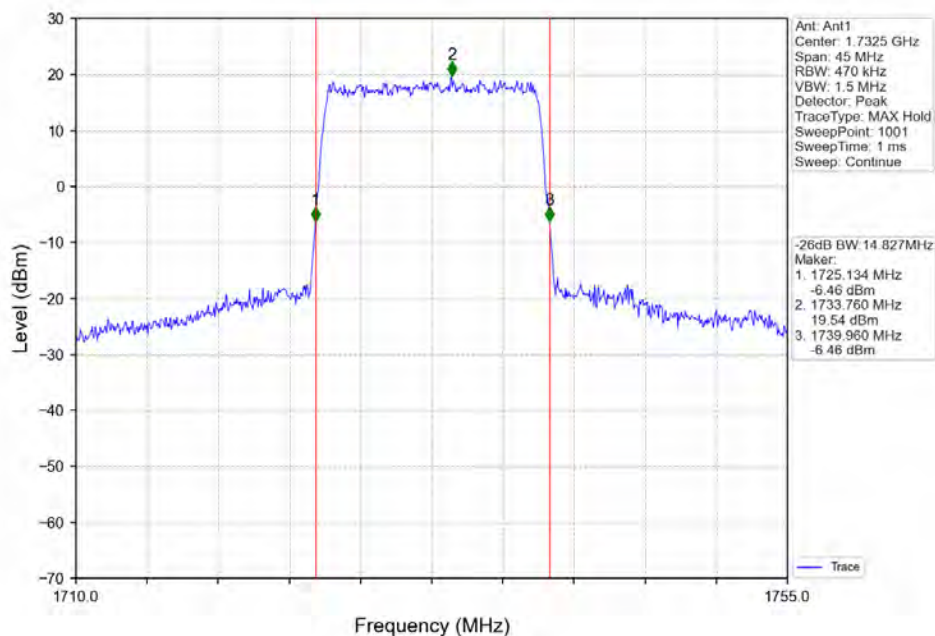
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



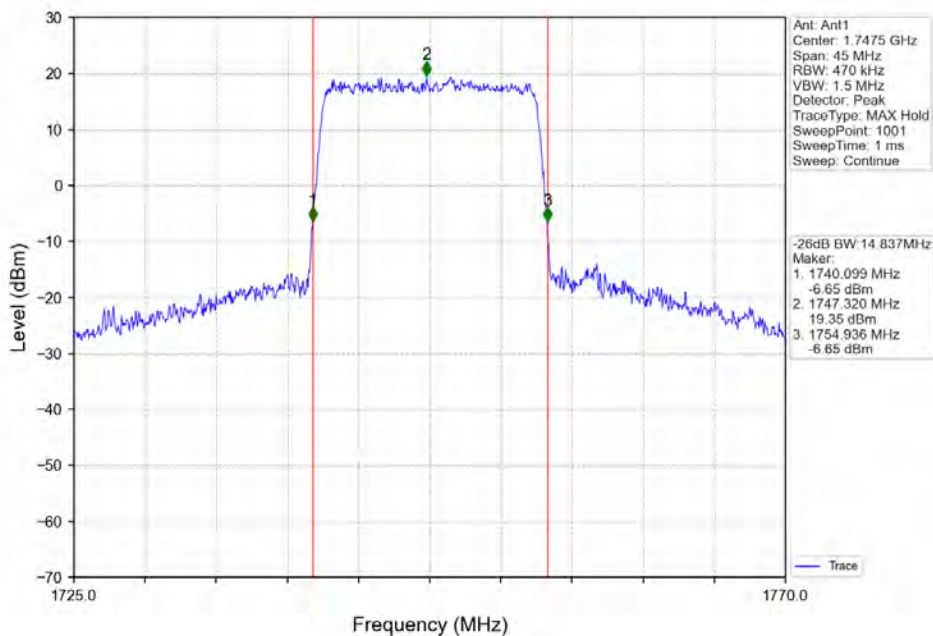
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



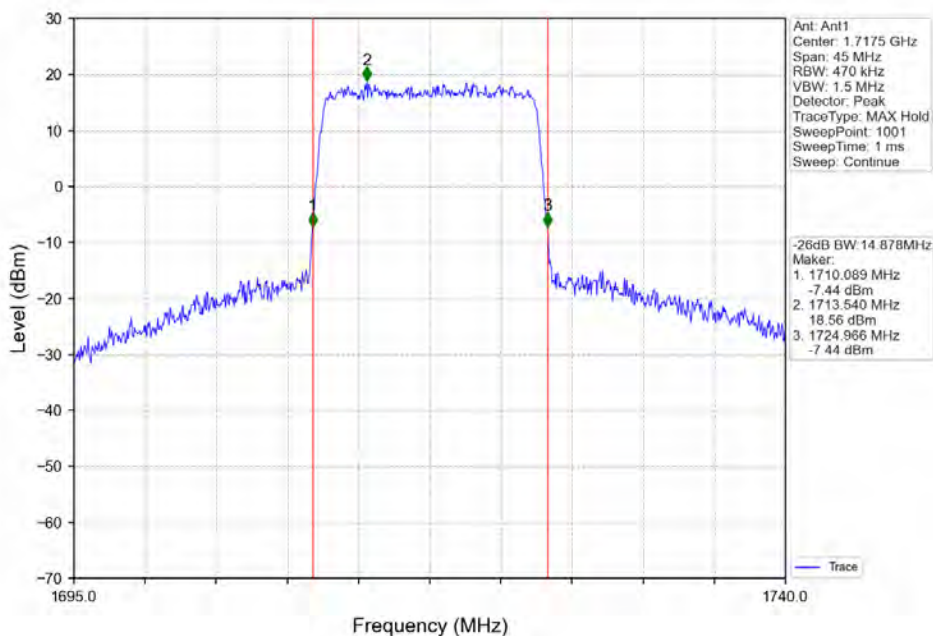
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



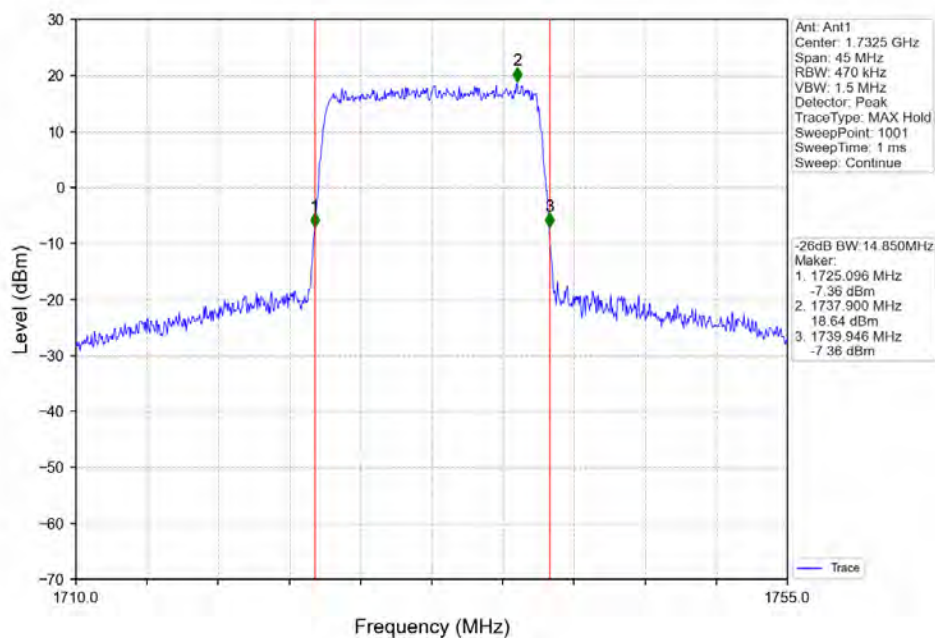
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



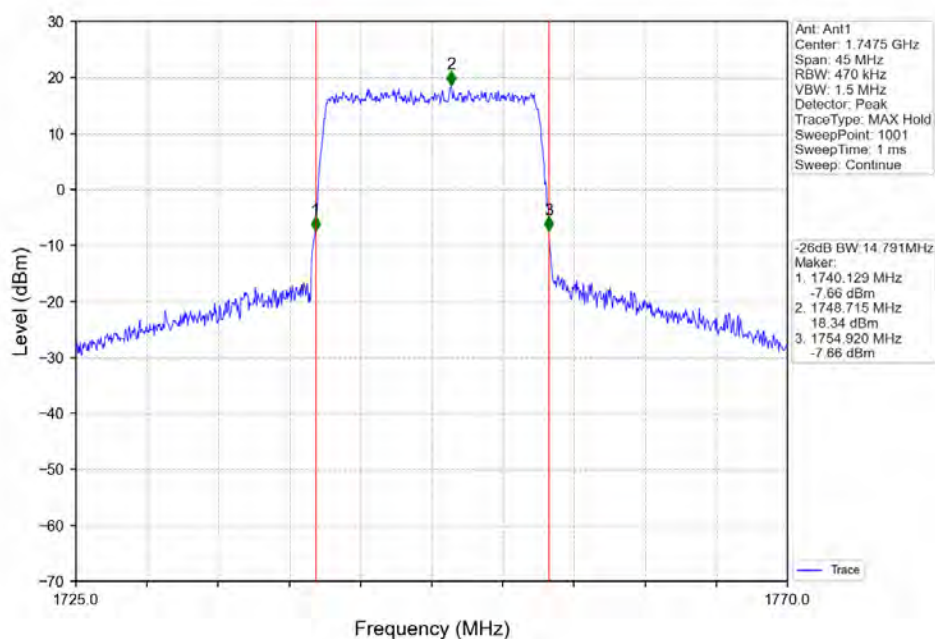
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



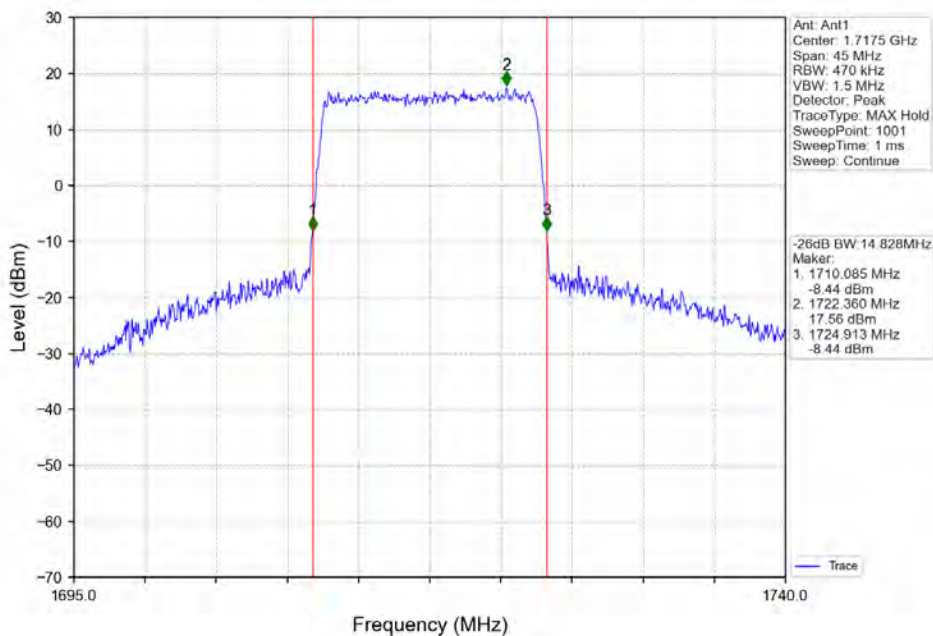
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



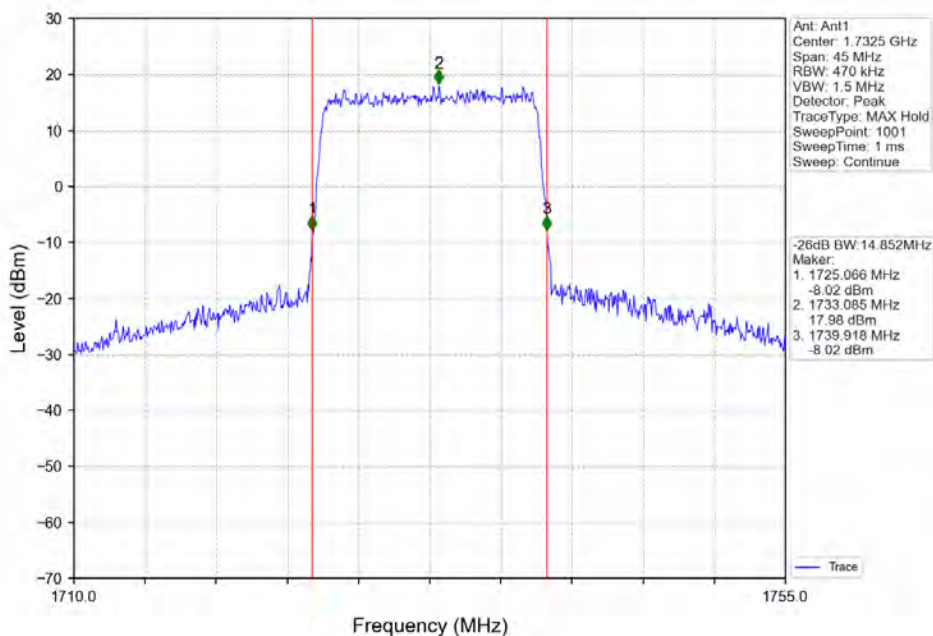
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



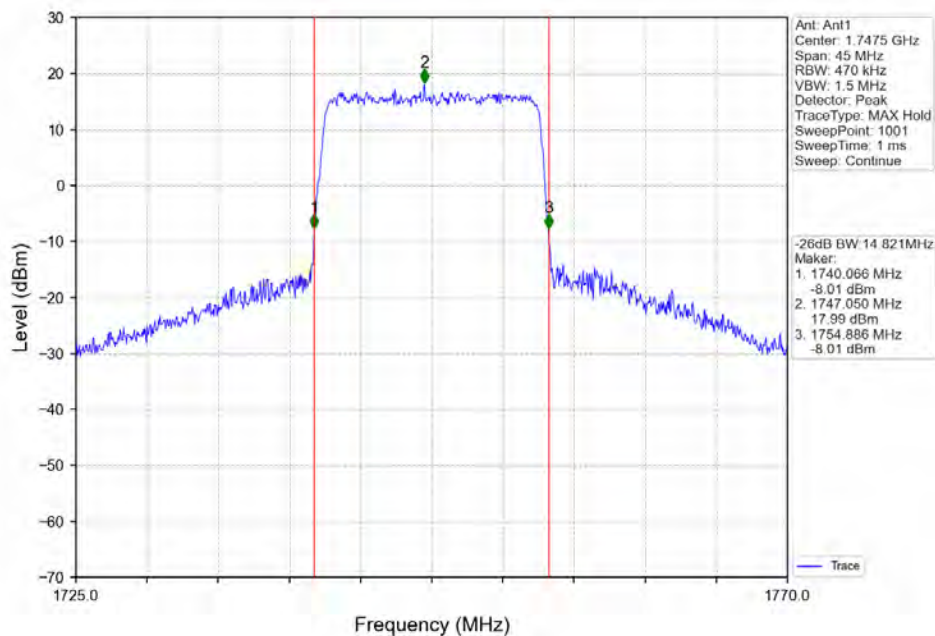
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



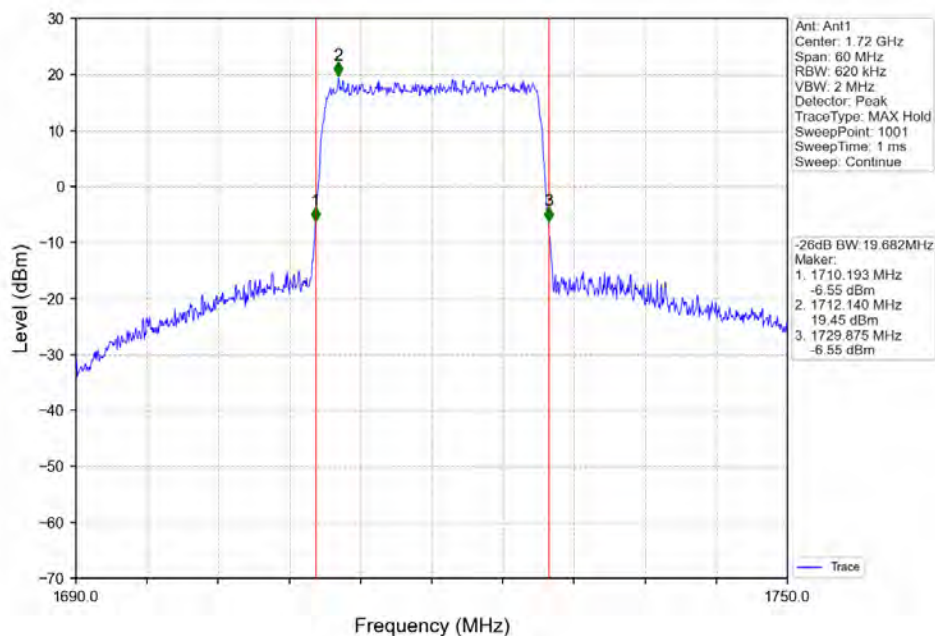
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



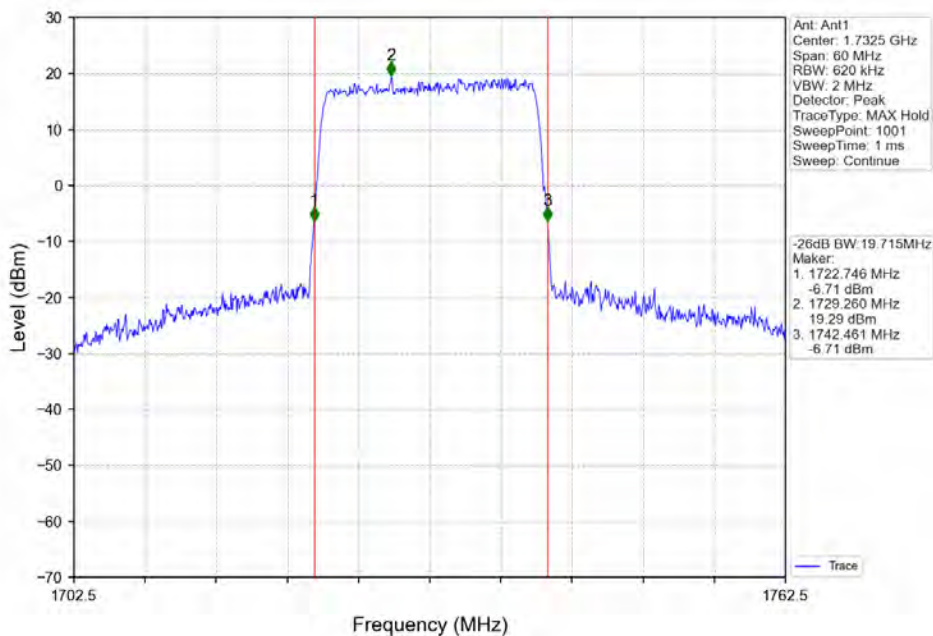
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



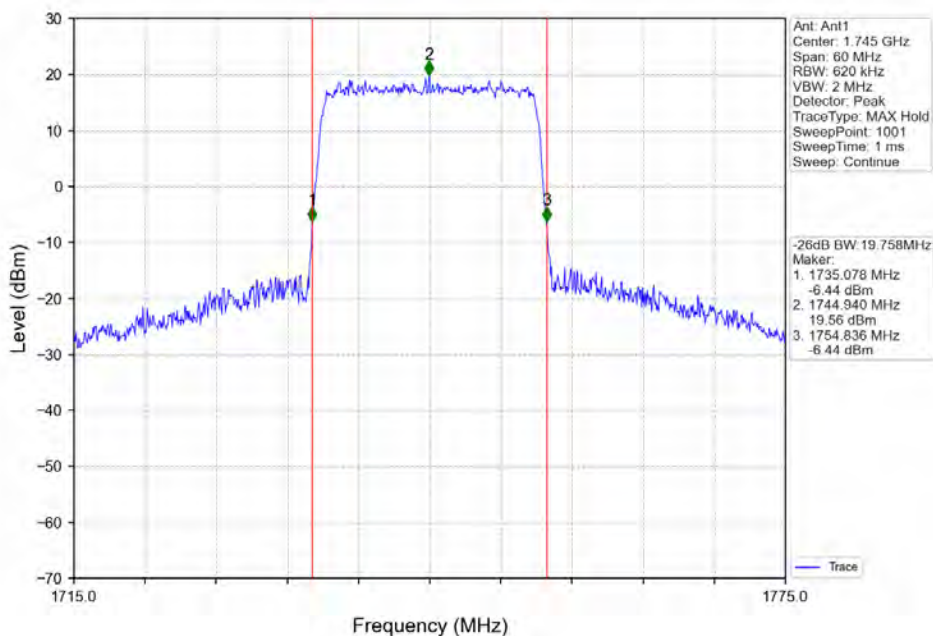
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



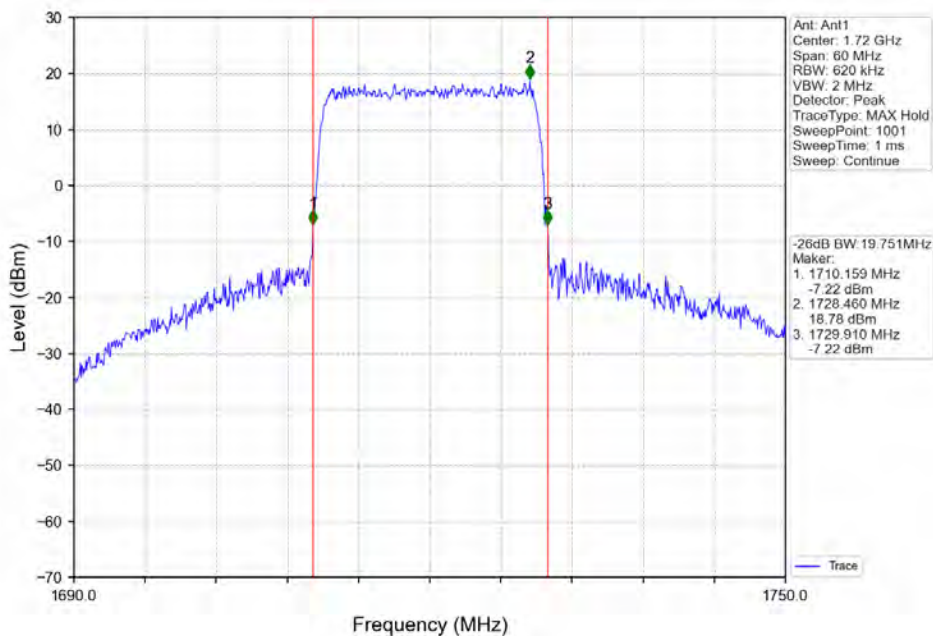
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



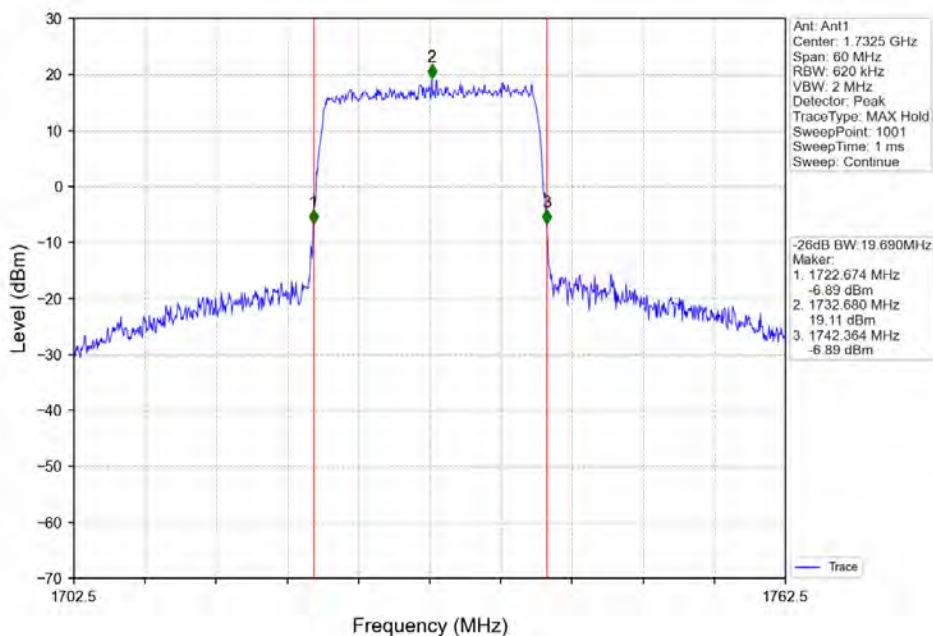
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



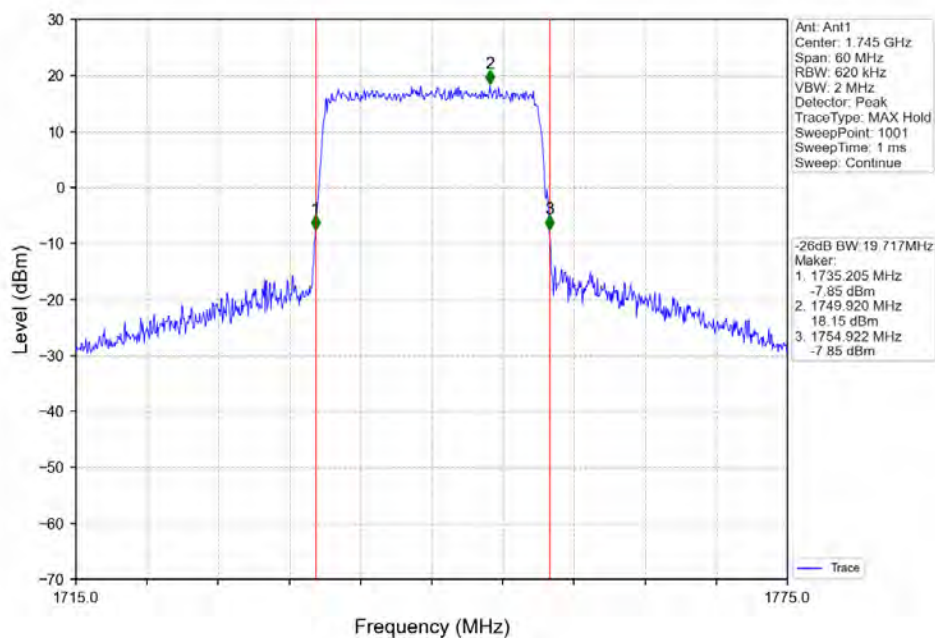
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



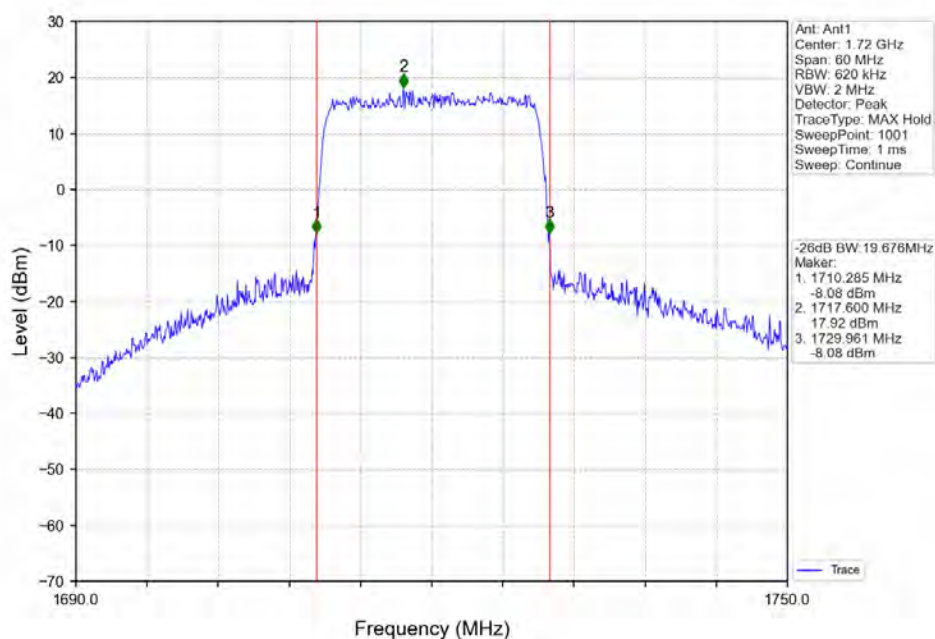
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



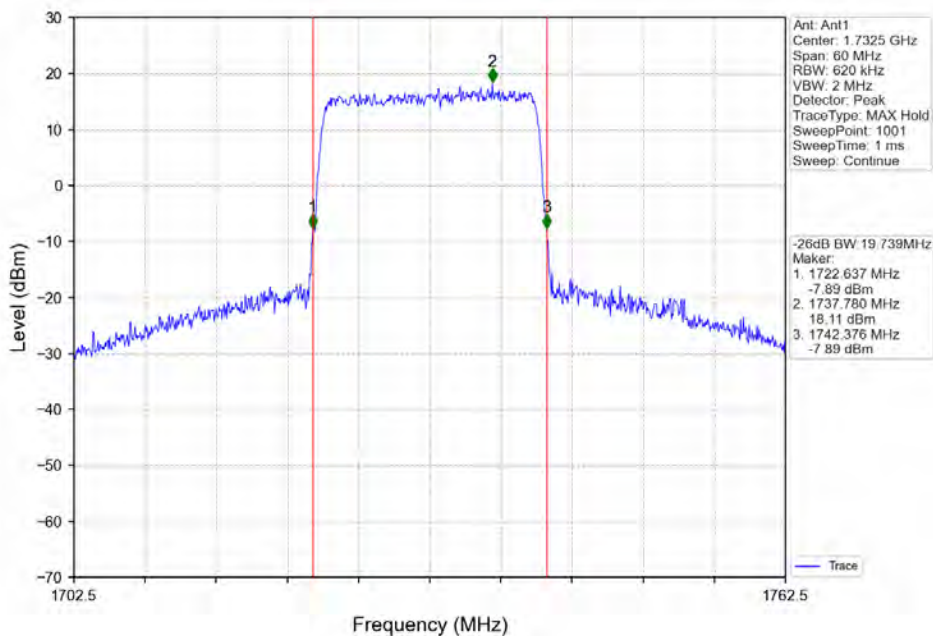
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



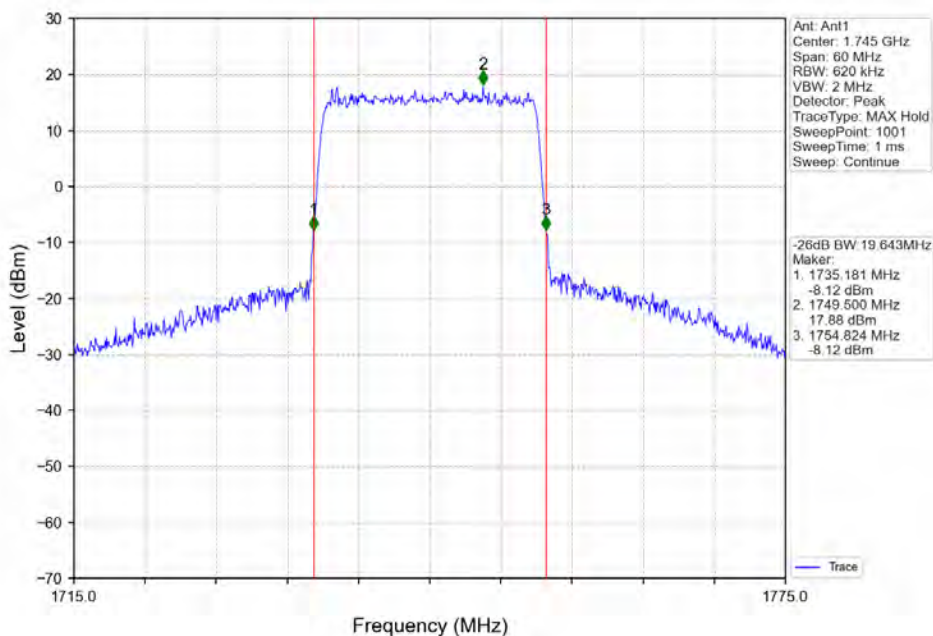
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



PEAK-AVERAGE RATIO

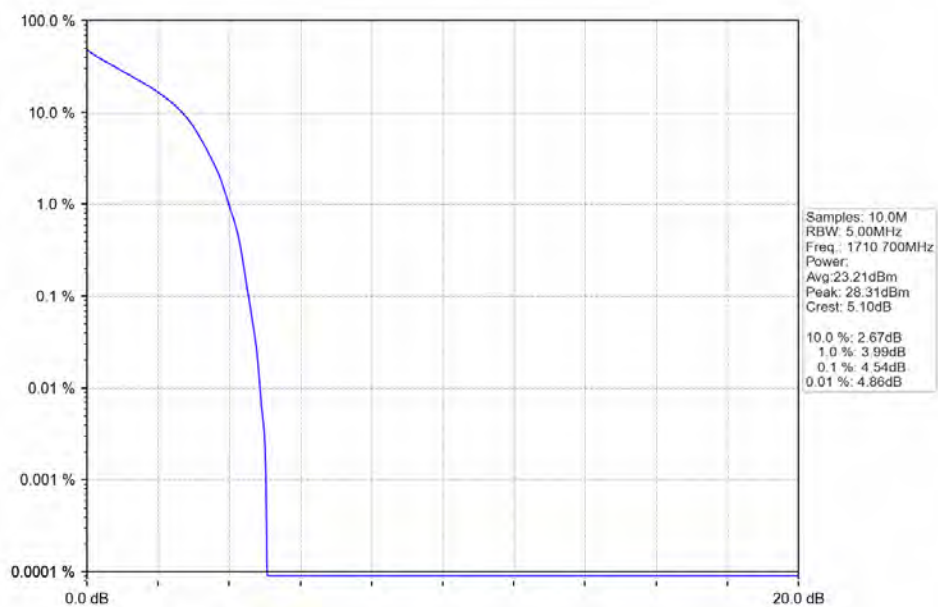
B4_1.4MHZ

TEST RESULT

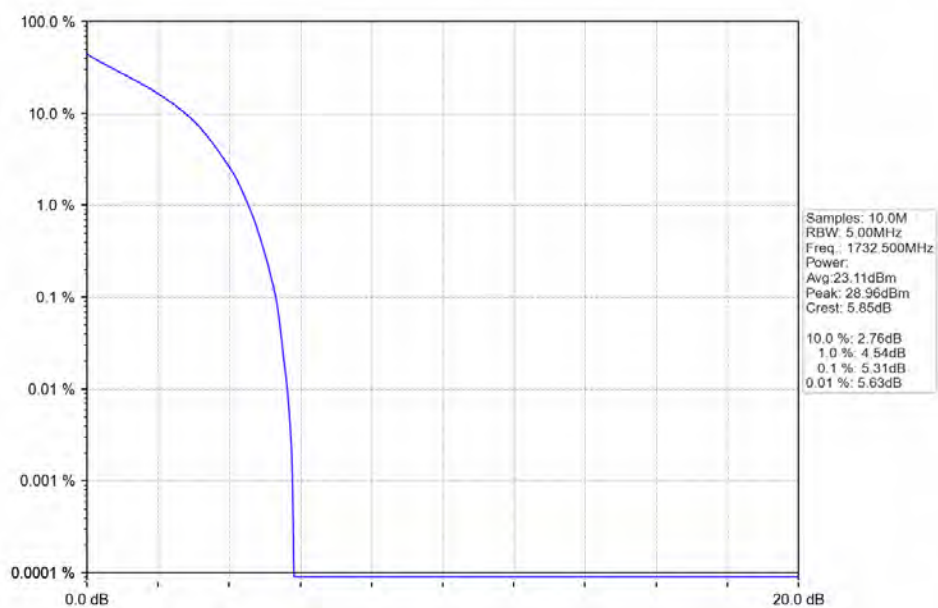
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.54	<=13	Pass
	1732.5	6	0	5.31	<=13	Pass
	1754.3	6	0	4.68	<=13	Pass
16QAM	1710.7	6	0	5.42	<=13	Pass
	1732.5	6	0	6.12	<=13	Pass
	1754.3	6	0	5.50	<=13	Pass
64QAM	1710.7	6	0	5.30	<=13	Pass
	1732.5	6	0	6.30	<=13	Pass
	1754.3	6	0	5.57	<=13	Pass

TEST GRAPH

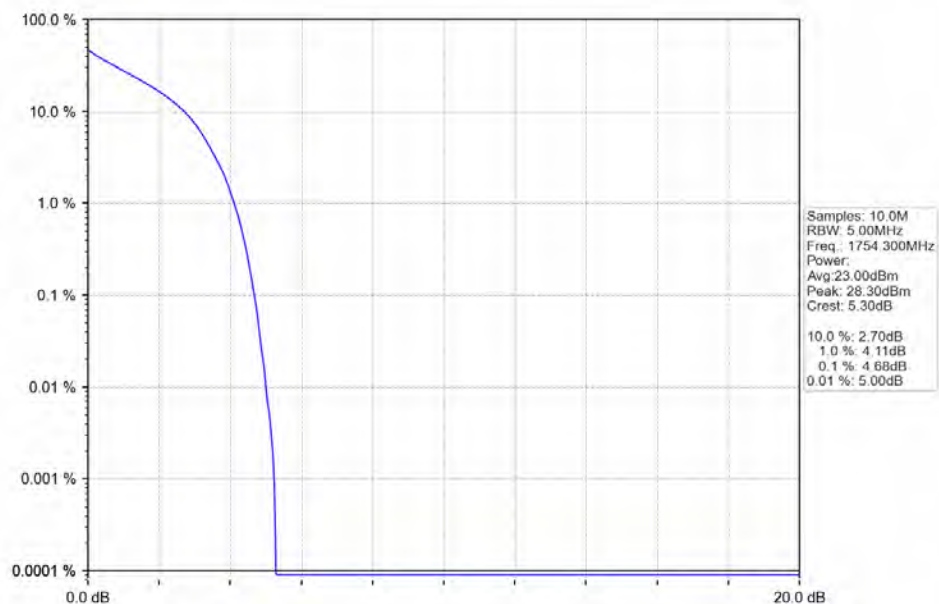
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



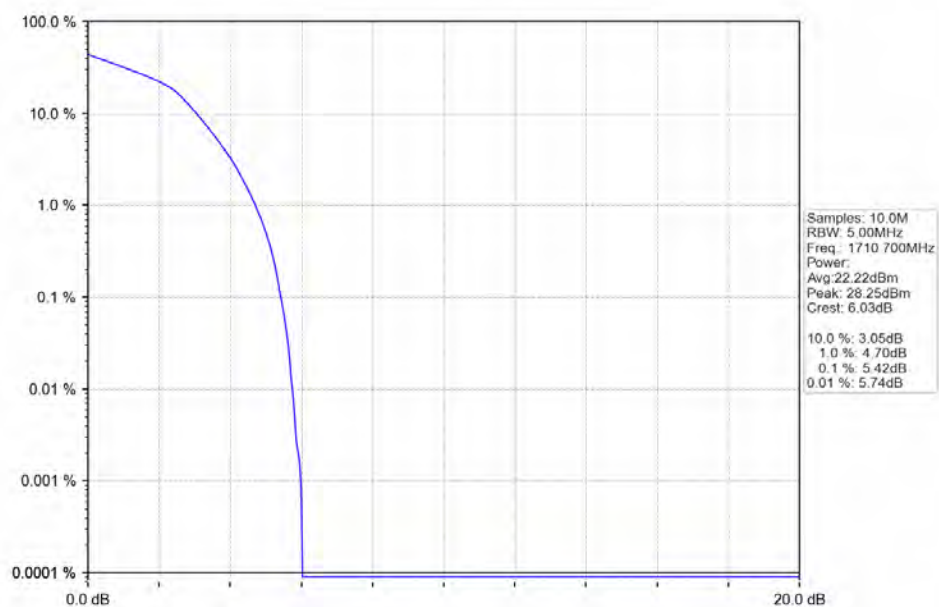
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



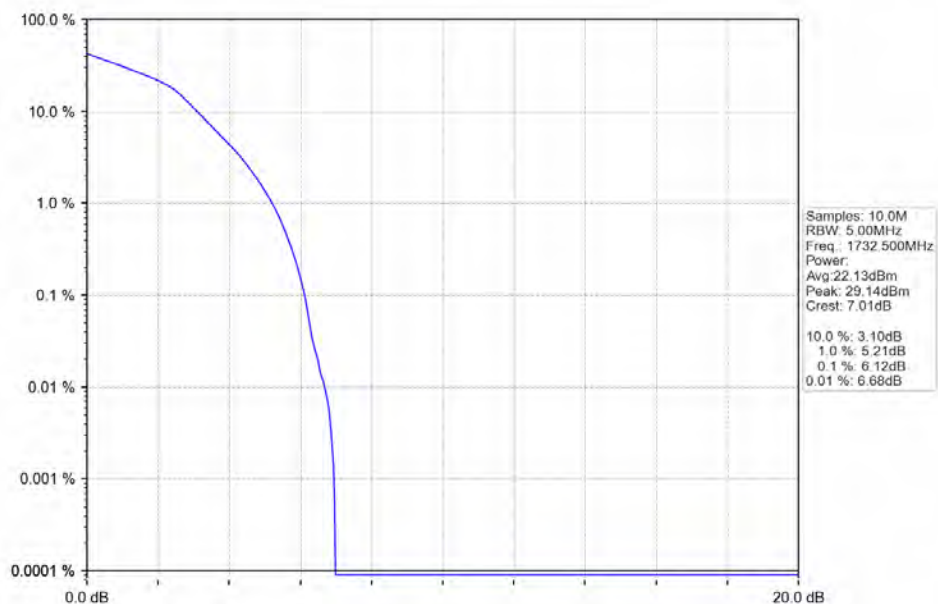
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



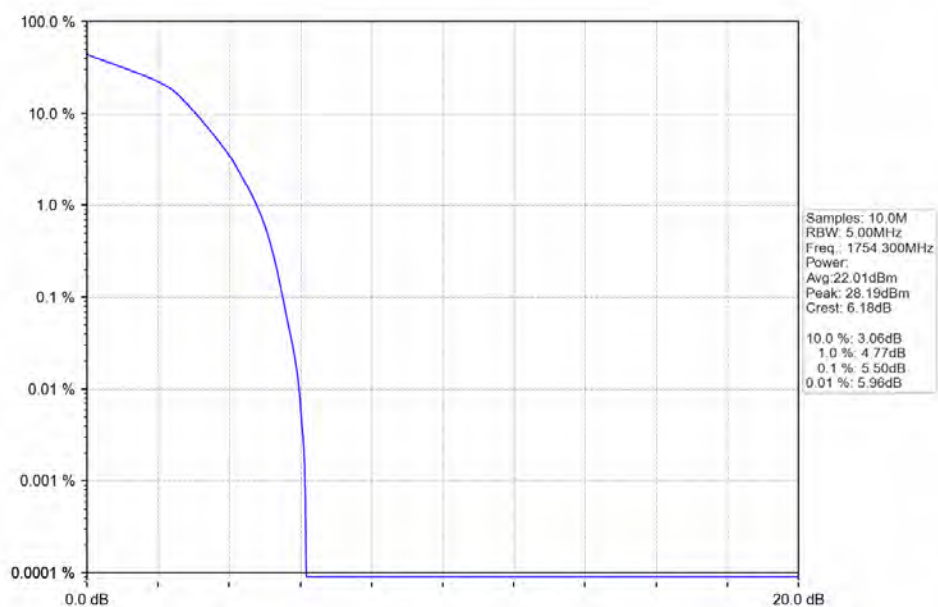
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



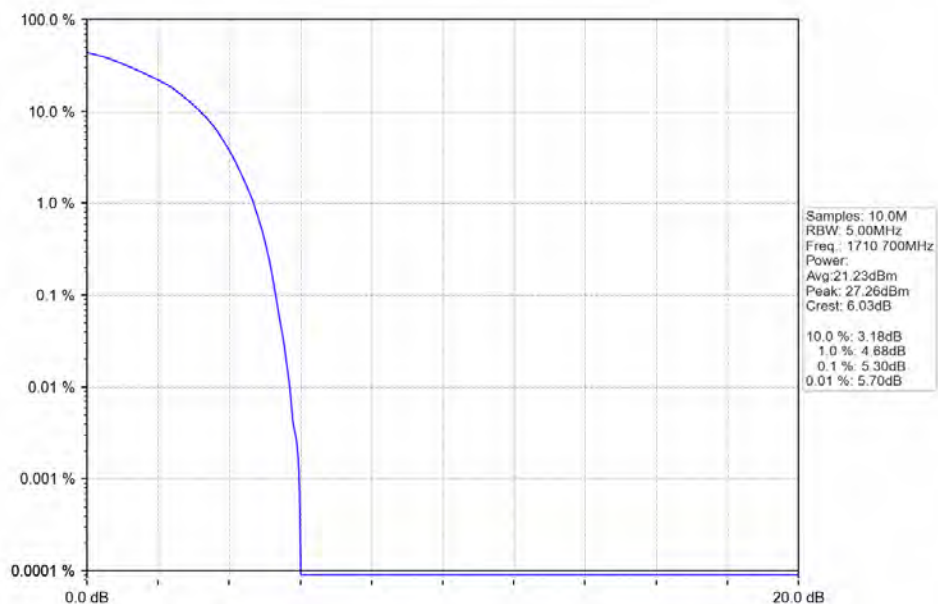
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



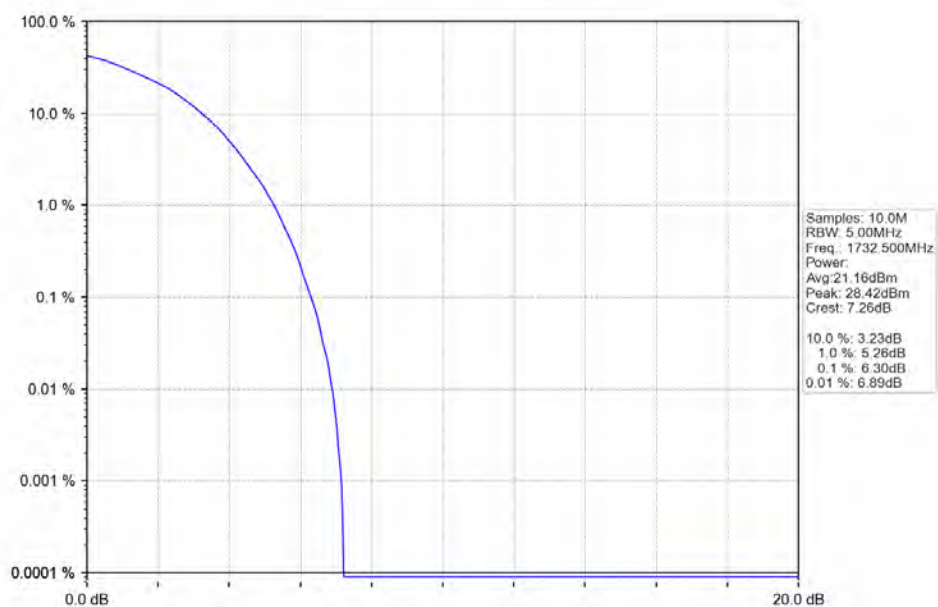
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



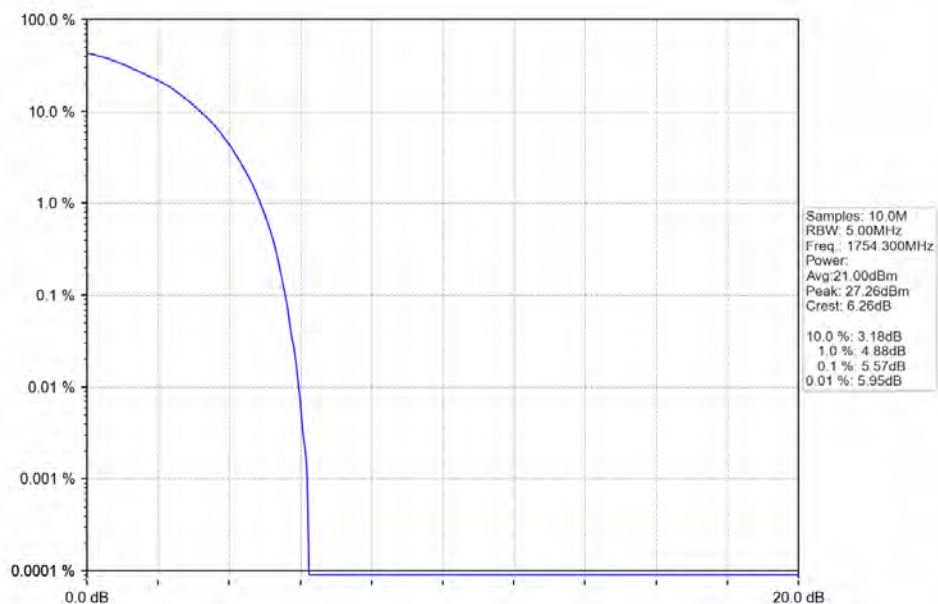
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



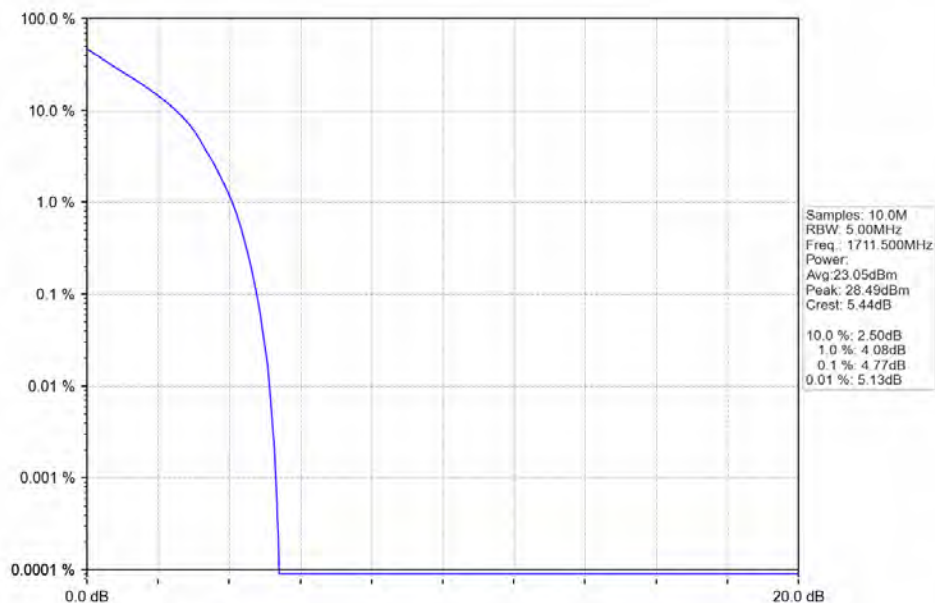
B4_3MHZ

TEST RESULT

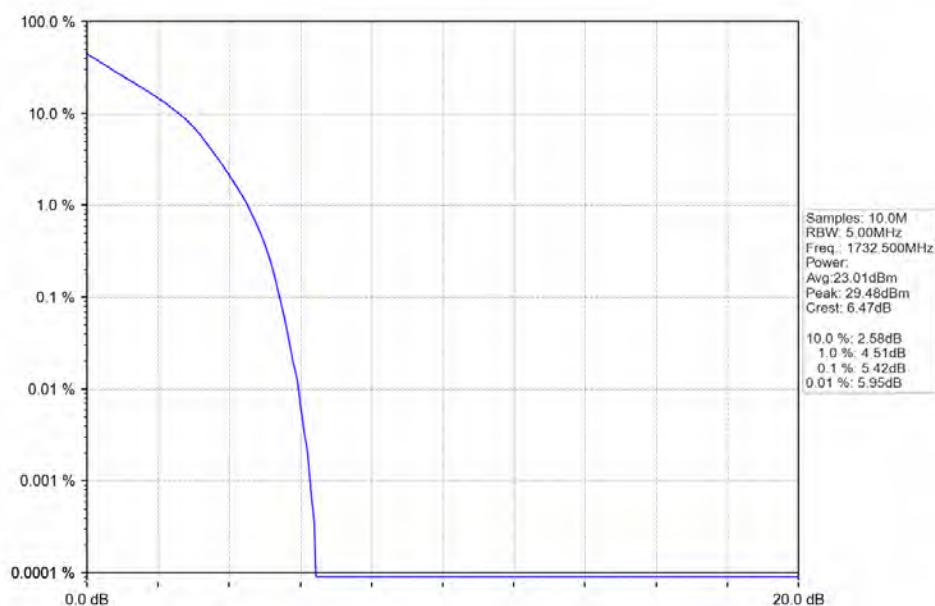
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.77	<=13	Pass
	1732.5	15	0	5.42	<=13	Pass
	1753.5	15	0	4.90	<=13	Pass
16QAM	1711.5	15	0	5.64	<=13	Pass
	1732.5	15	0	6.24	<=13	Pass
	1753.5	15	0	5.74	<=13	Pass
64QAM	1711.5	15	0	5.60	<=13	Pass
	1732.5	15	0	6.34	<=13	Pass
	1753.5	15	0	5.74	<=13	Pass

TEST GRAPH

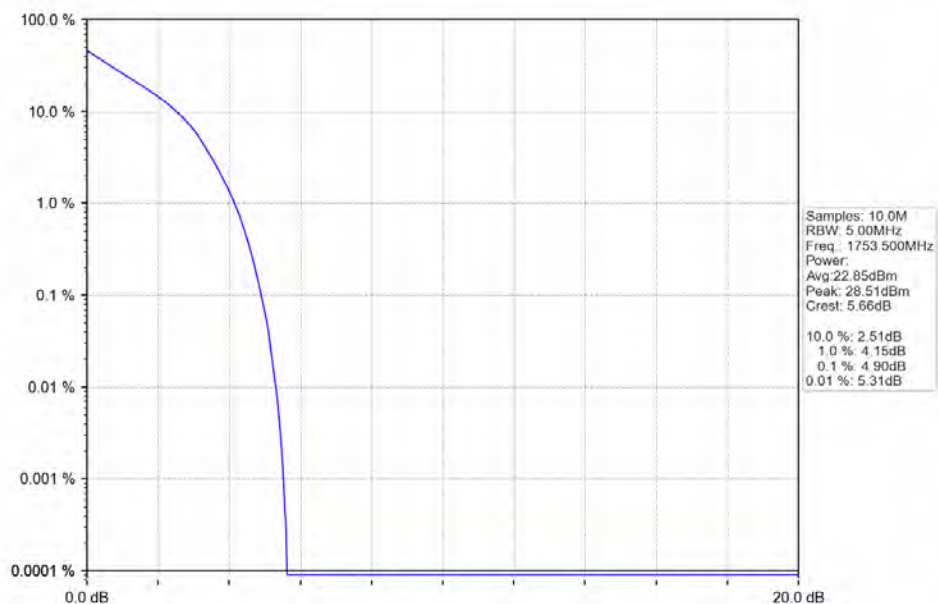
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



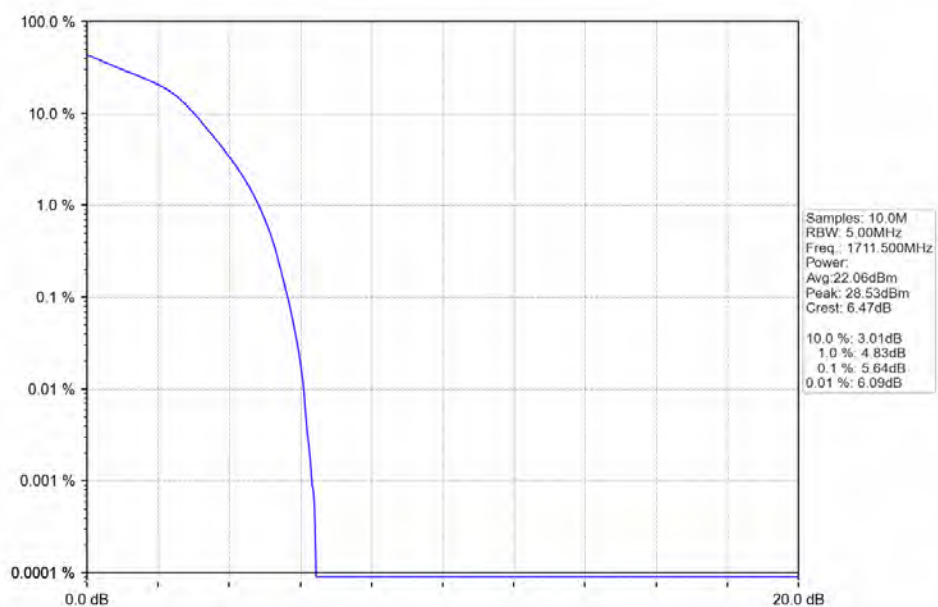
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



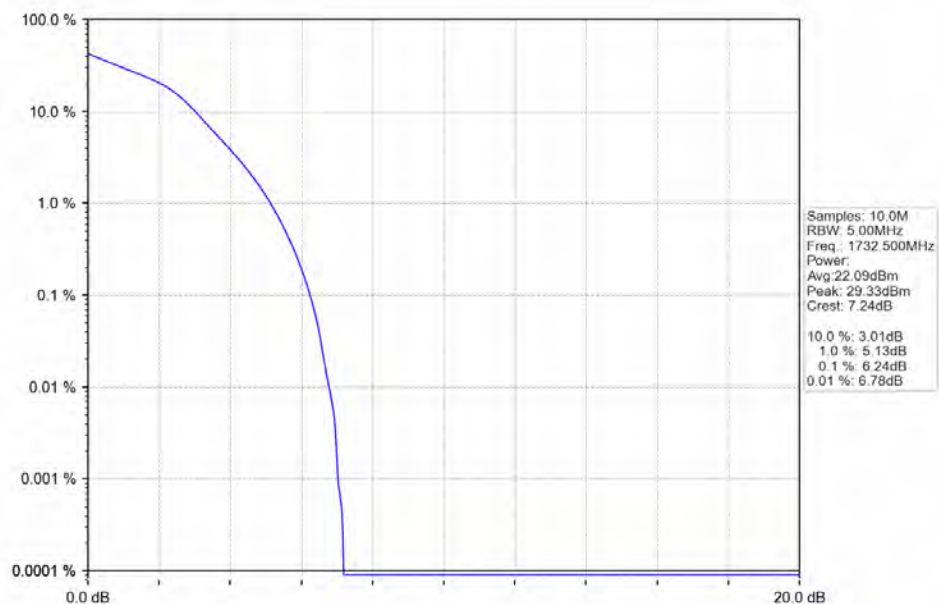
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



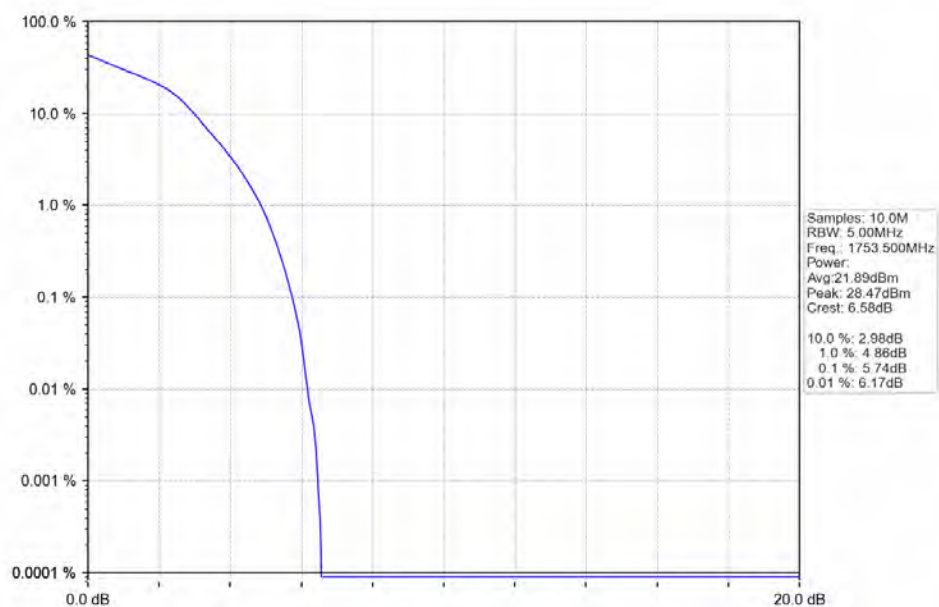
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



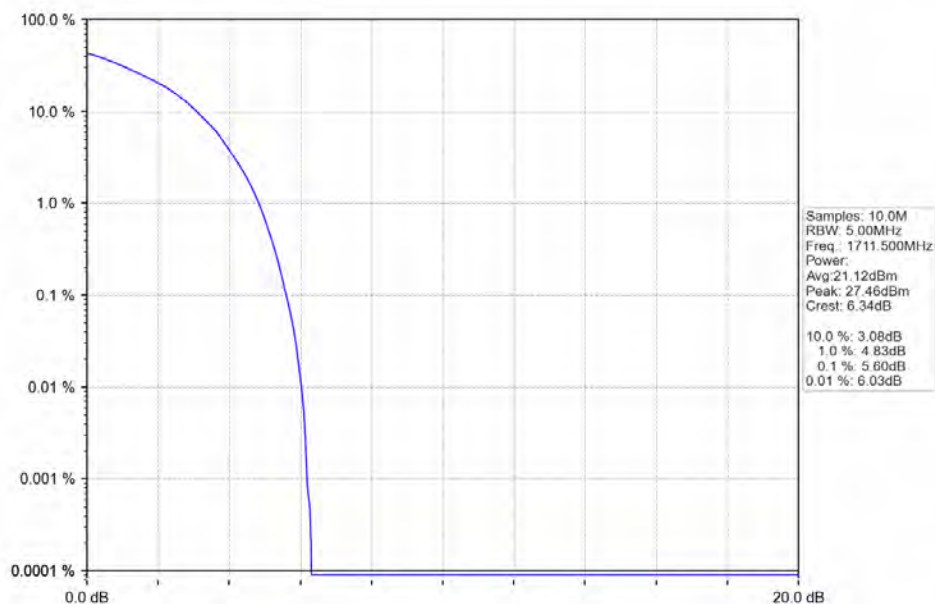
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



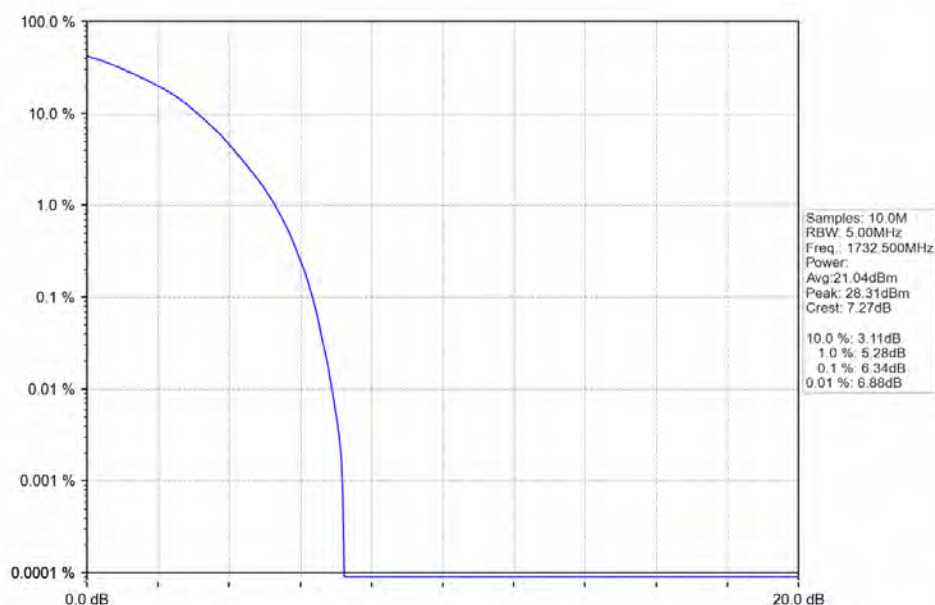
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



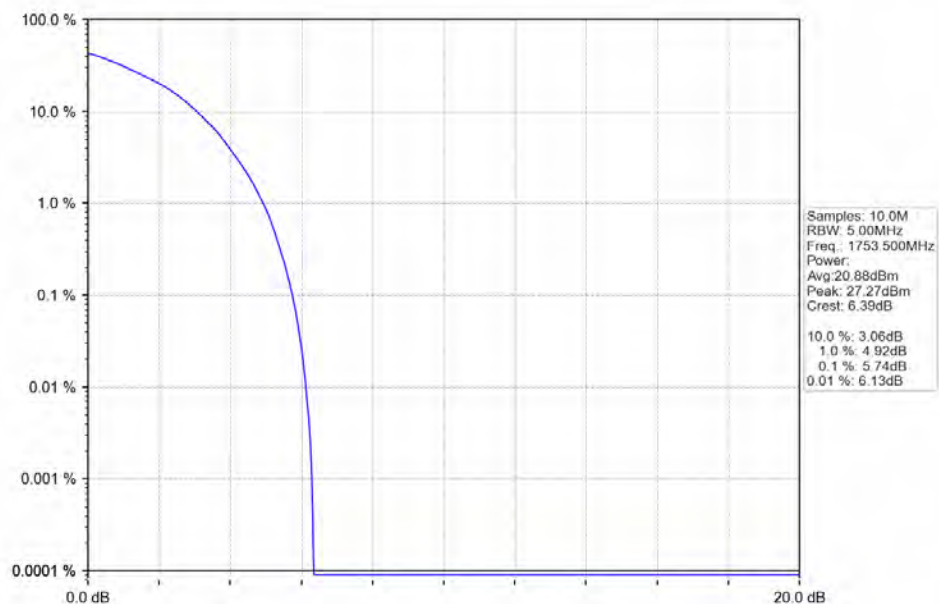
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



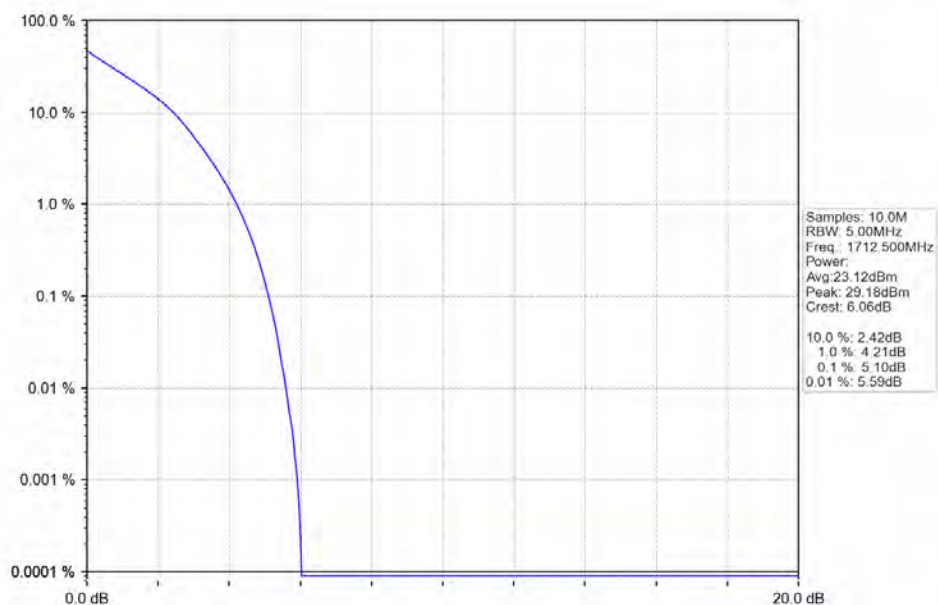
B4_5MHZ

TEST RESULT

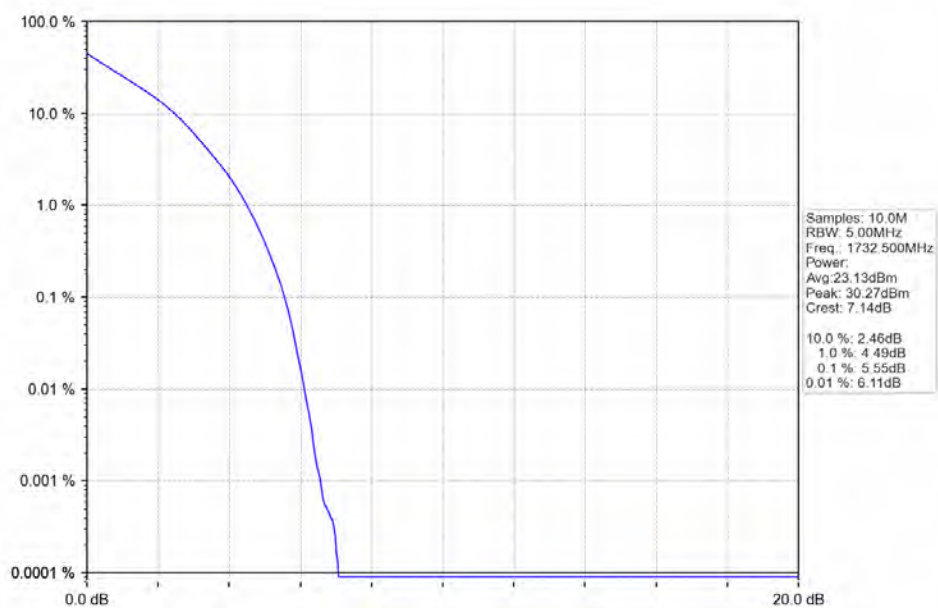
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.10	<=13	Pass
	1732.5	25	0	5.55	<=13	Pass
	1752.5	25	0	5.13	<=13	Pass
16QAM	1712.5	25	0	5.82	<=13	Pass
	1732.5	25	0	6.29	<=13	Pass
	1752.5	25	0	5.87	<=13	Pass
64QAM	1712.5	25	0	5.83	<=13	Pass
	1732.5	25	0	6.35	<=13	Pass
	1752.5	25	0	5.94	<=13	Pass

TEST GRAPH

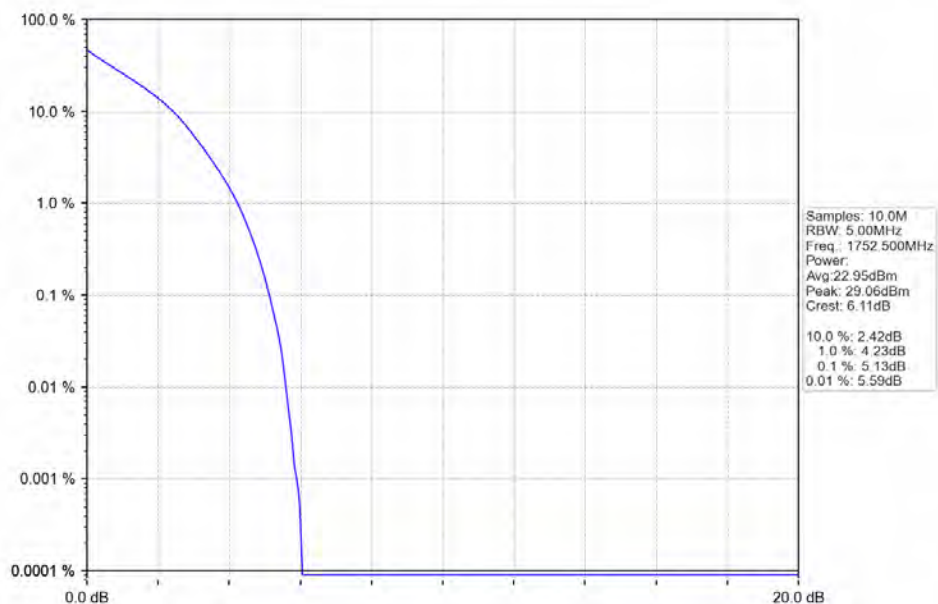
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



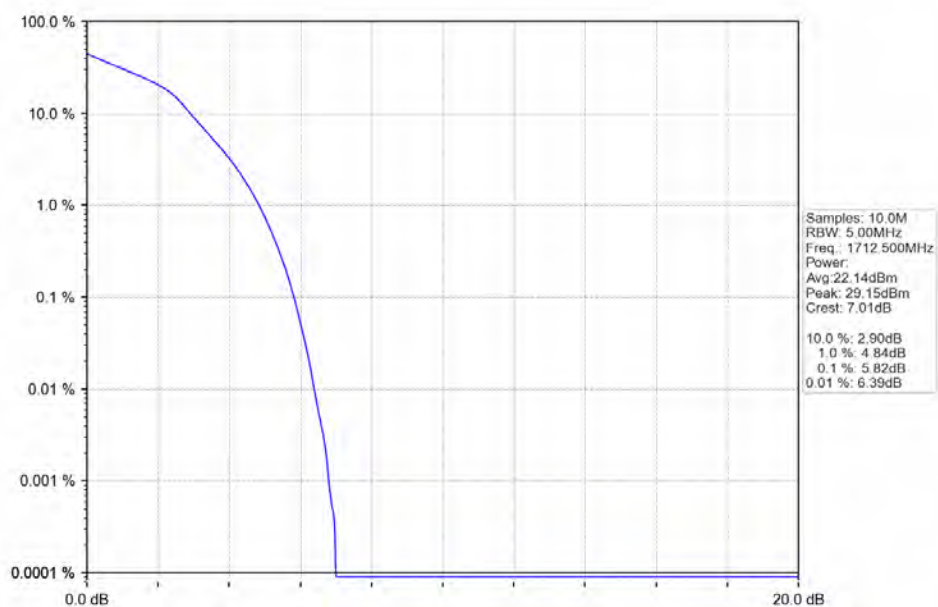
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



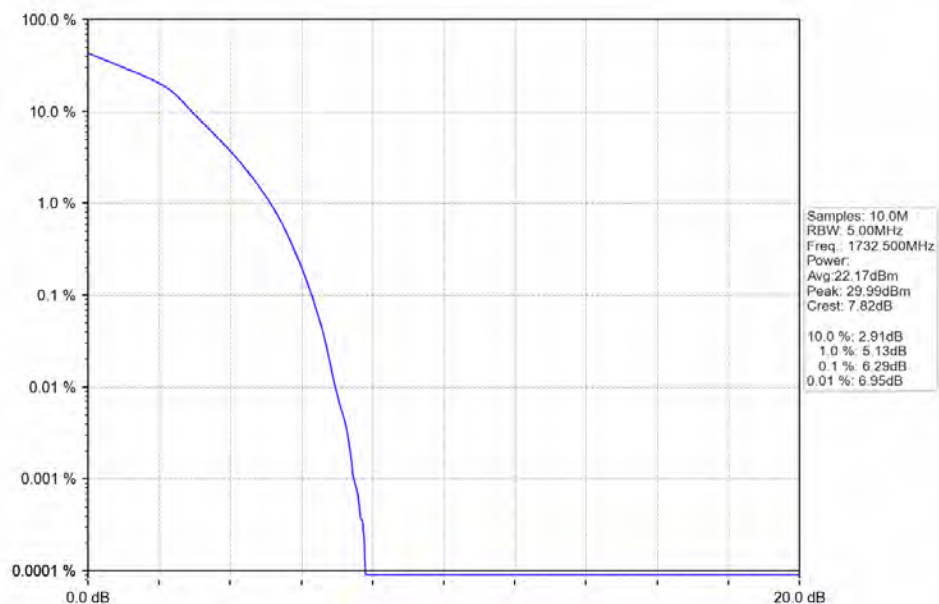
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



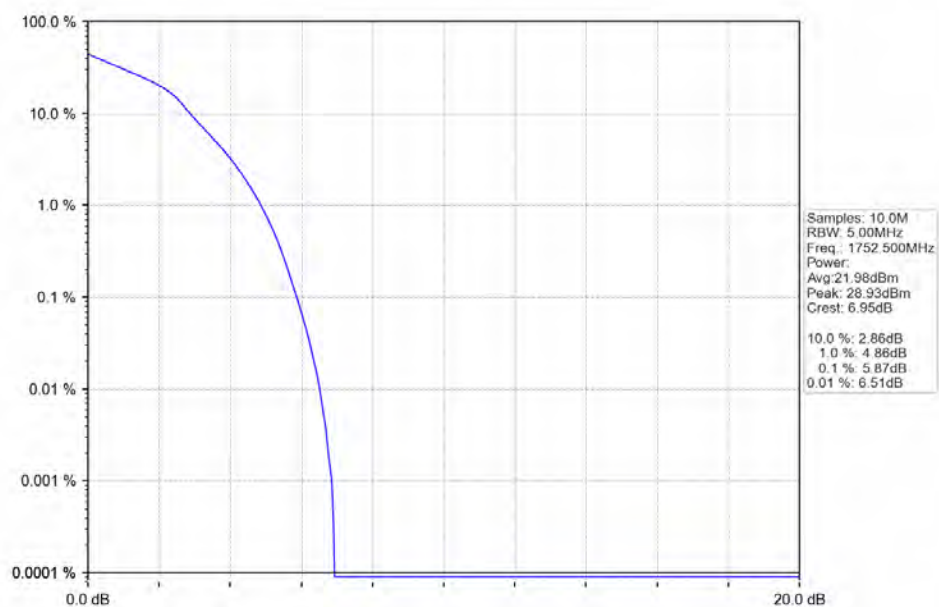
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



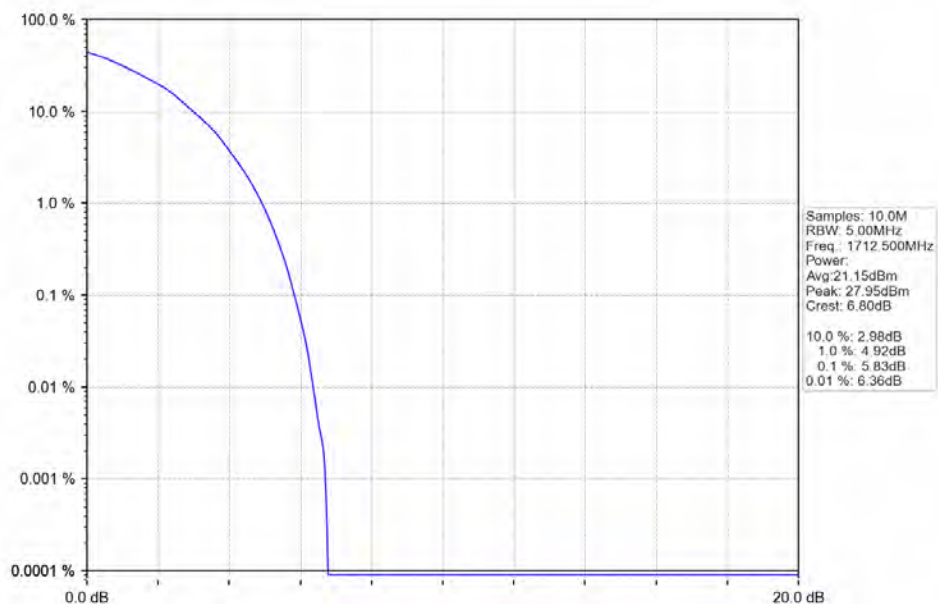
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



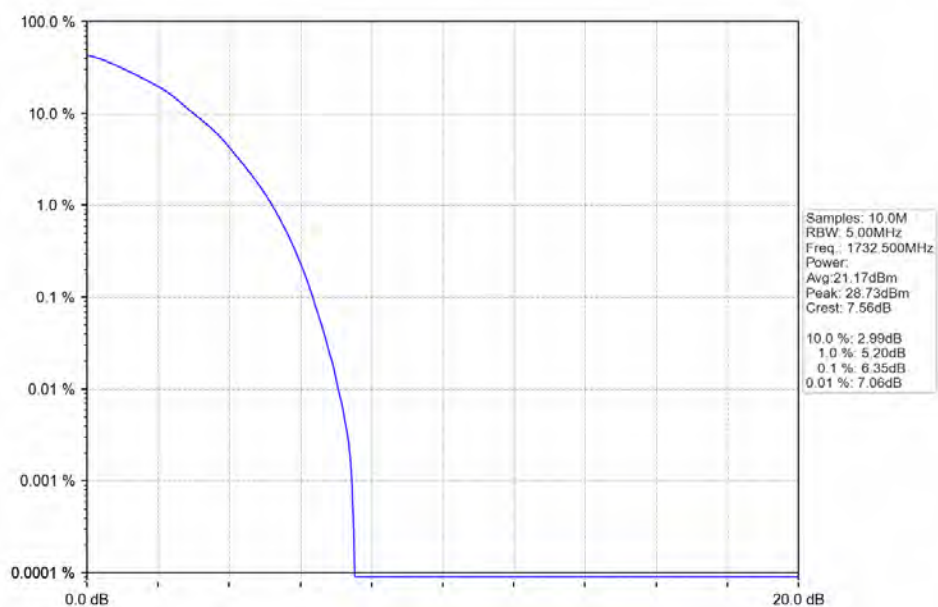
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



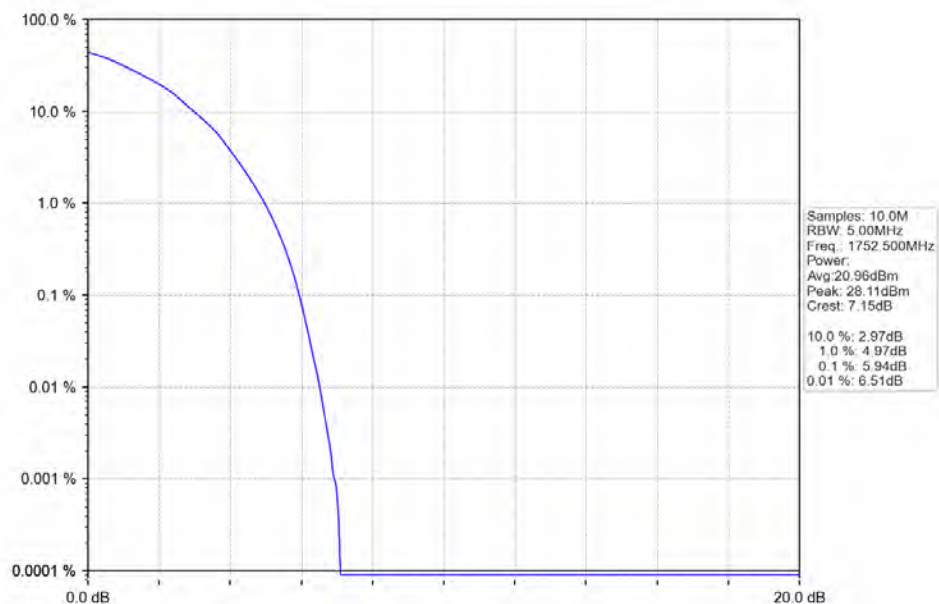
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



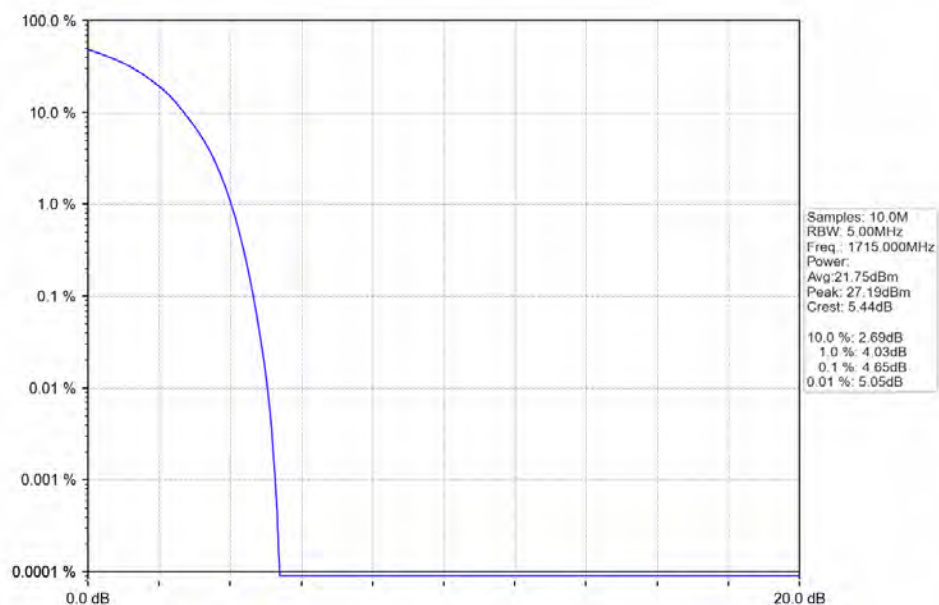
B4_10MHZ

TEST RESULT

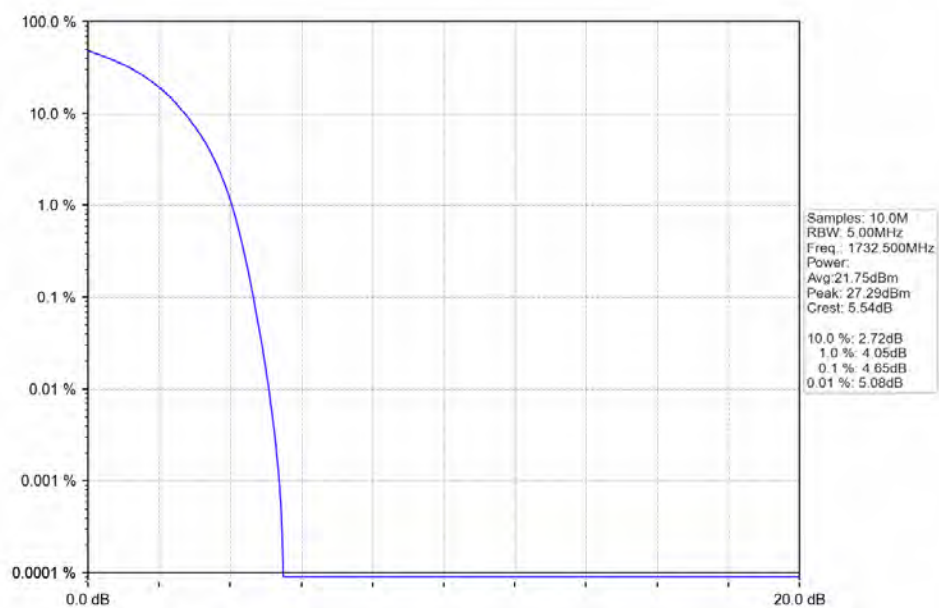
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.65	<=13	Pass
	1732.5	50	0	4.65	<=13	Pass
	1750	50	0	4.58	<=13	Pass
16QAM	1715	50	0	6.06	<=13	Pass
	1732.5	50	0	6.11	<=13	Pass
	1750	50	0	6.06	<=13	Pass
64QAM	1715	50	0	6.25	<=13	Pass
	1732.5	50	0	6.38	<=13	Pass
	1750	50	0	6.27	<=13	Pass

TEST GRAPH

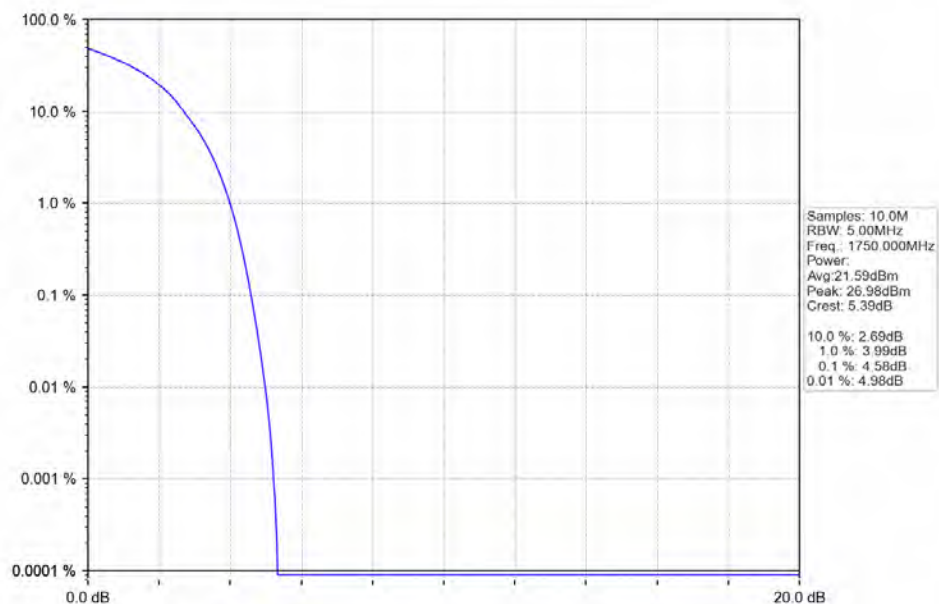
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



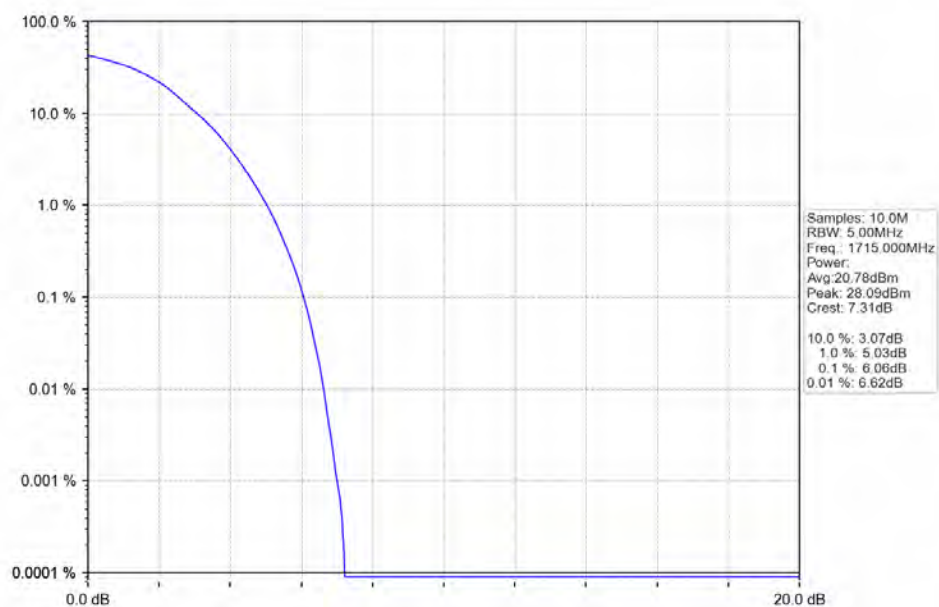
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



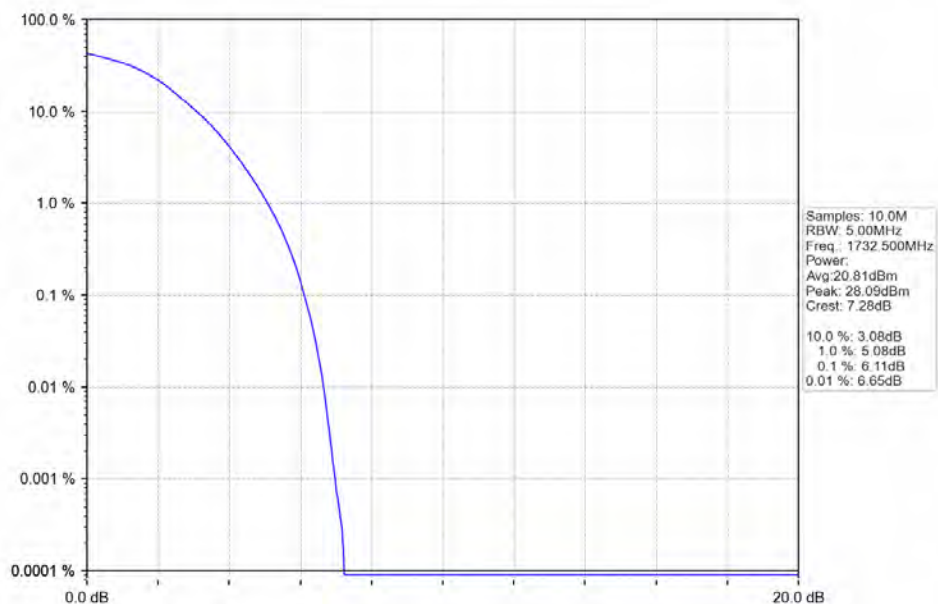
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



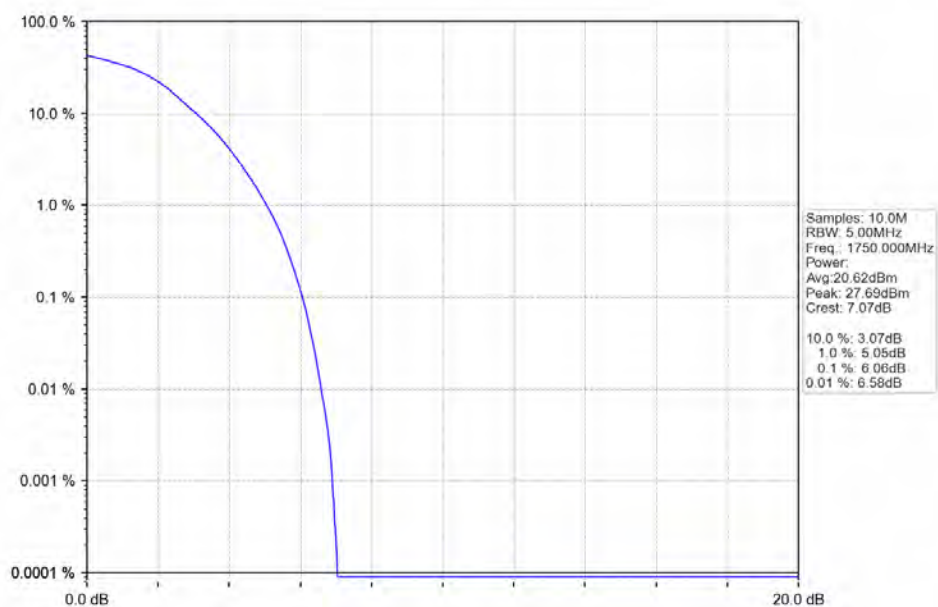
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



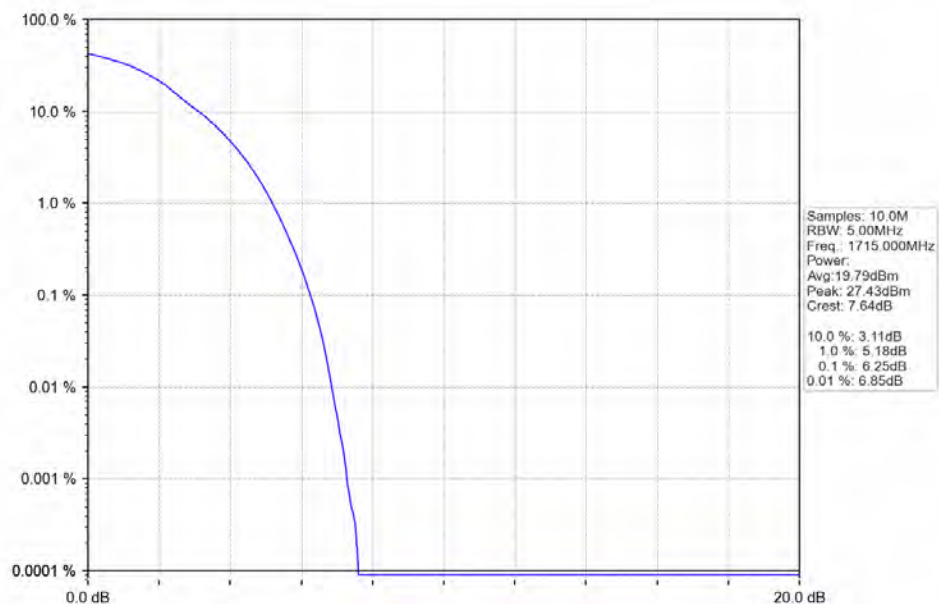
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



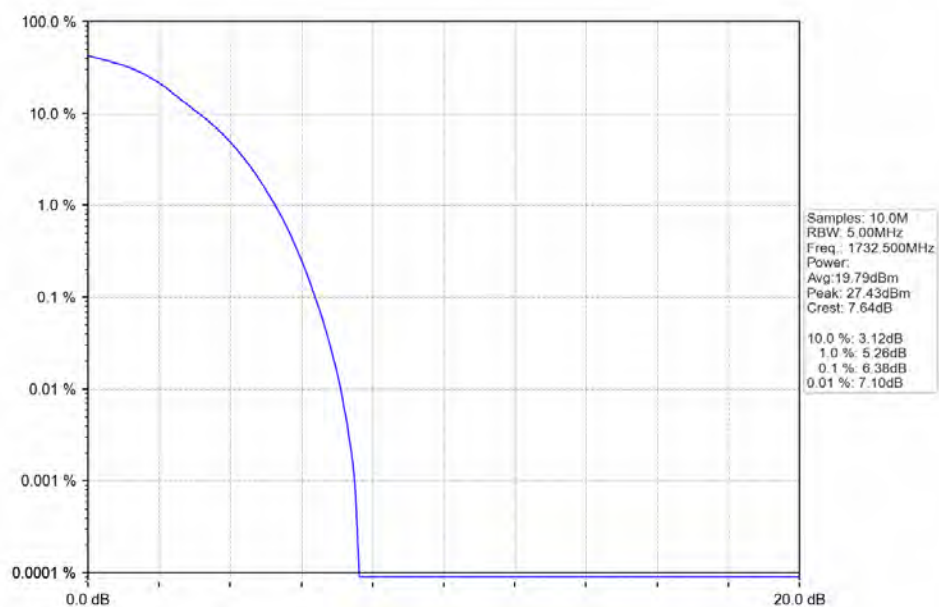
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



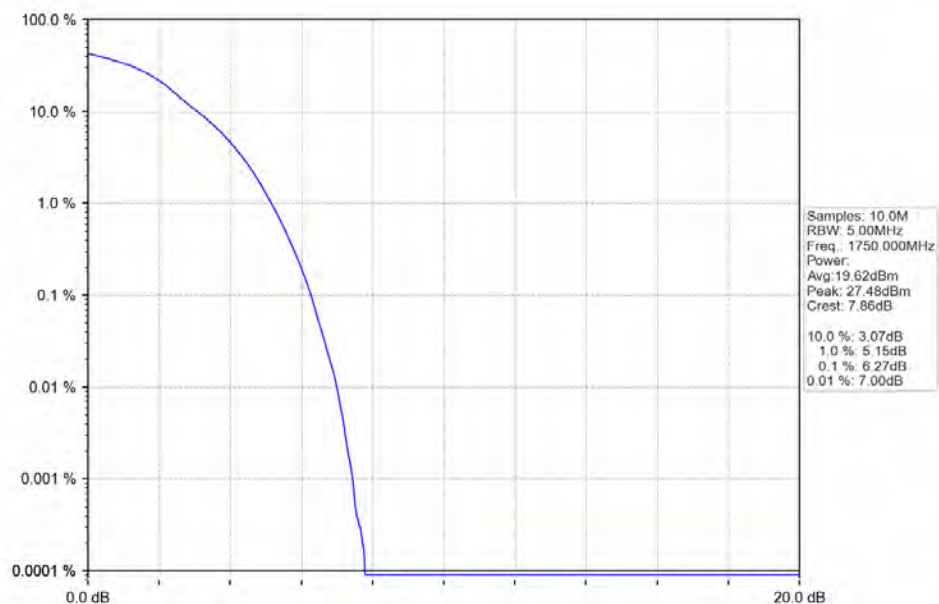
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV

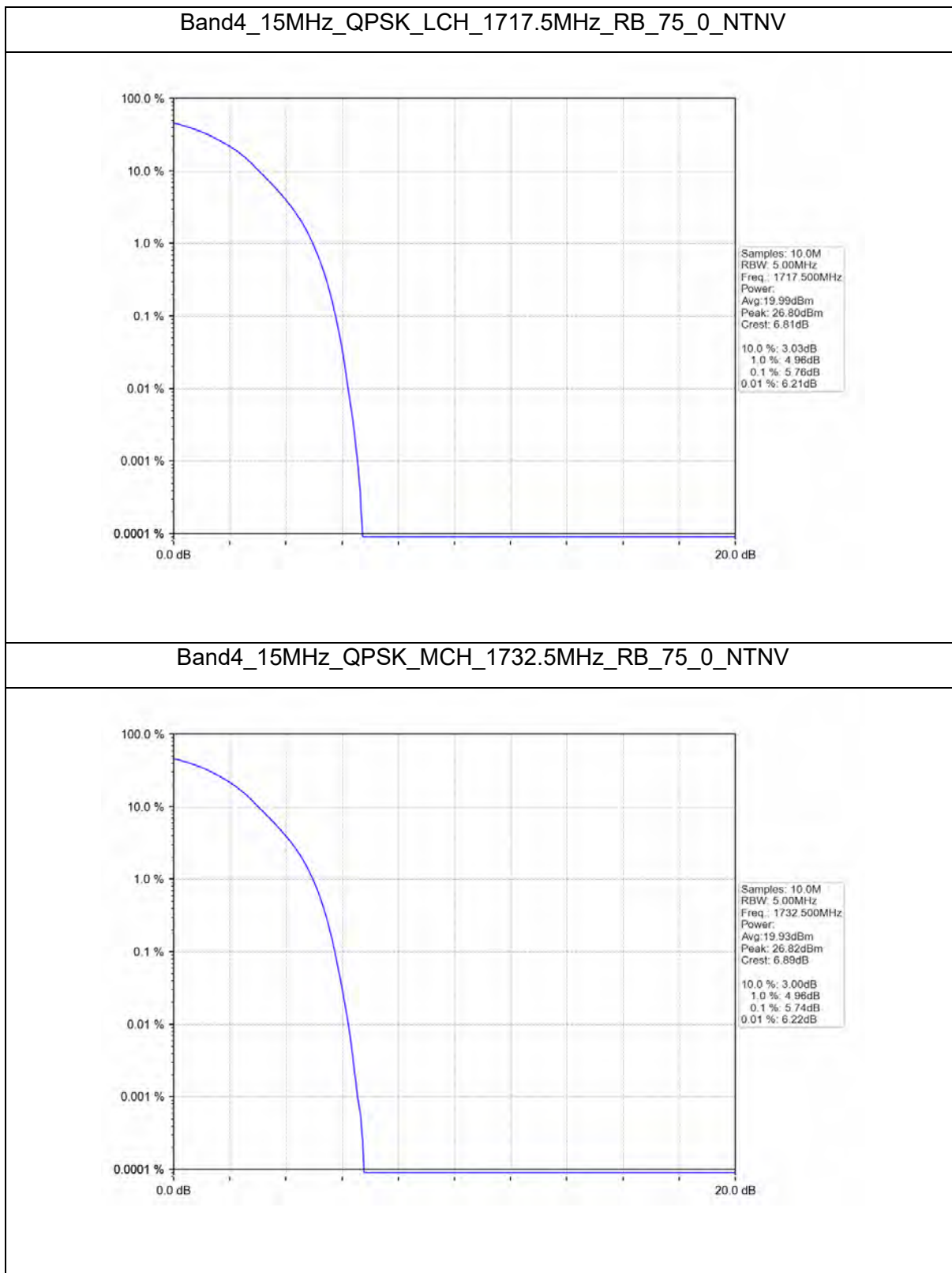


B4_15MHZ

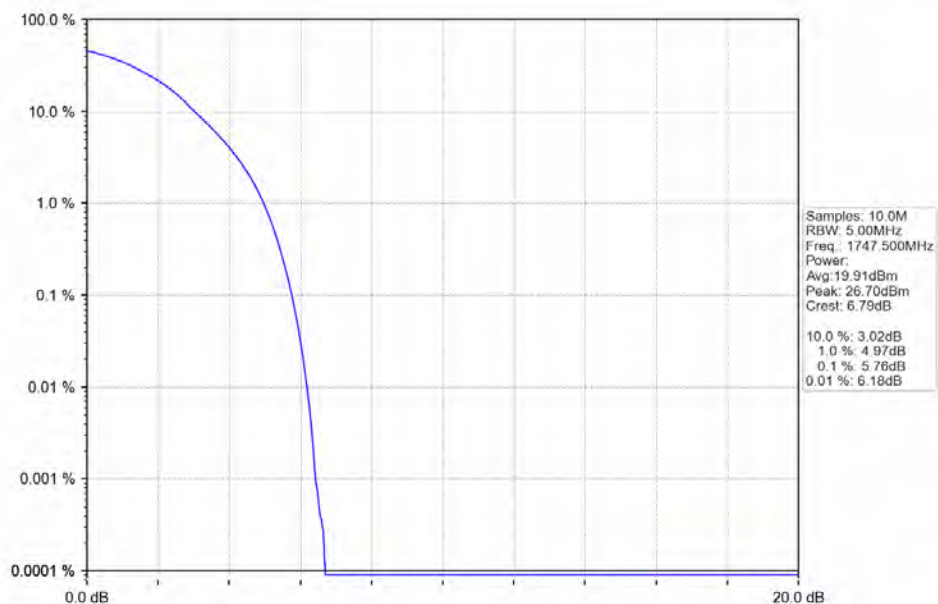
TEST RESULT

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.76	<=13	Pass
	1732.5	75	0	5.74	<=13	Pass
	1747.5	75	0	5.76	<=13	Pass
16QAM	1717.5	75	0	6.77	<=13	Pass
	1732.5	75	0	6.86	<=13	Pass
	1747.5	75	0	6.85	<=13	Pass
64QAM	1717.5	75	0	7.00	<=13	Pass
	1732.5	75	0	6.99	<=13	Pass
	1747.5	75	0	6.89	<=13	Pass

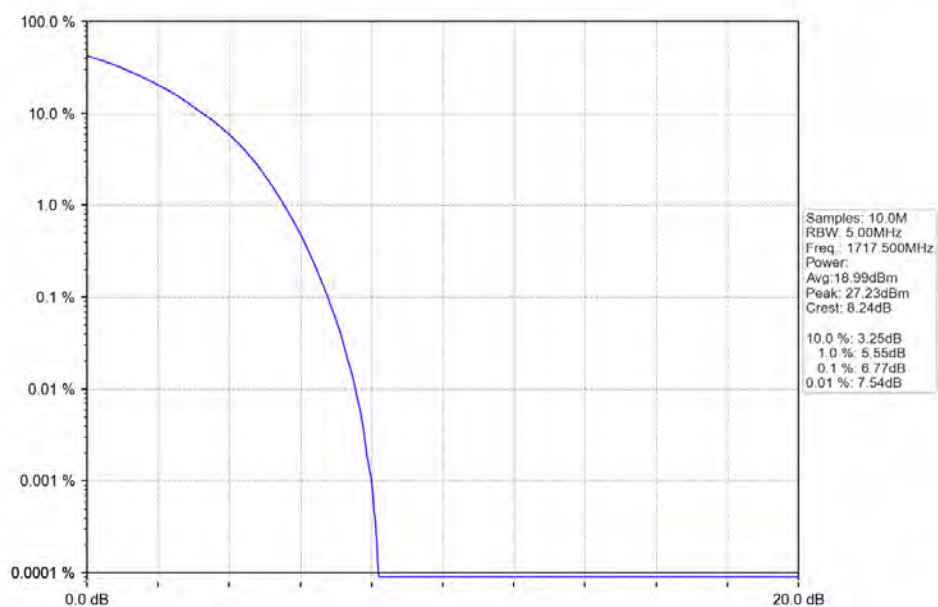
TEST GRAPH



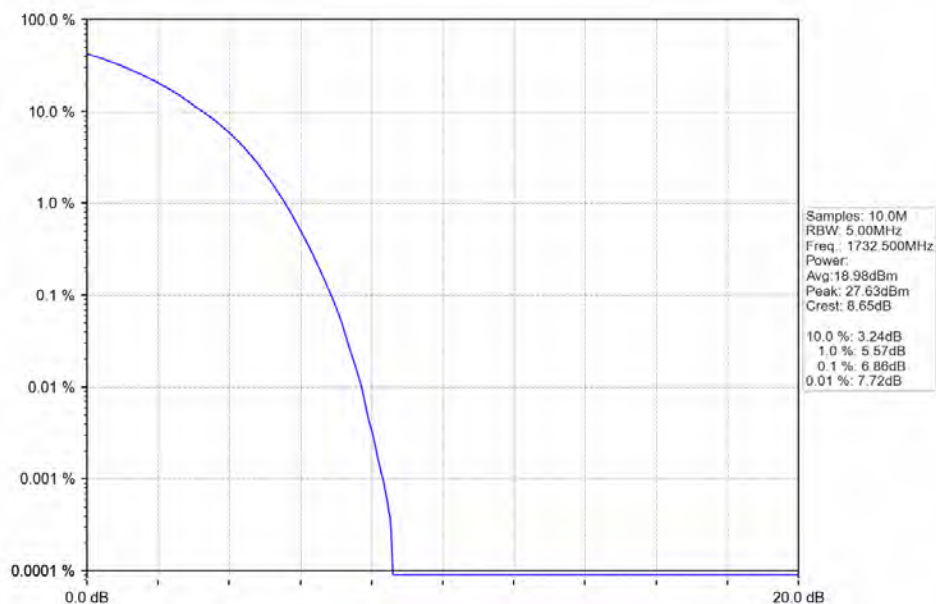
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



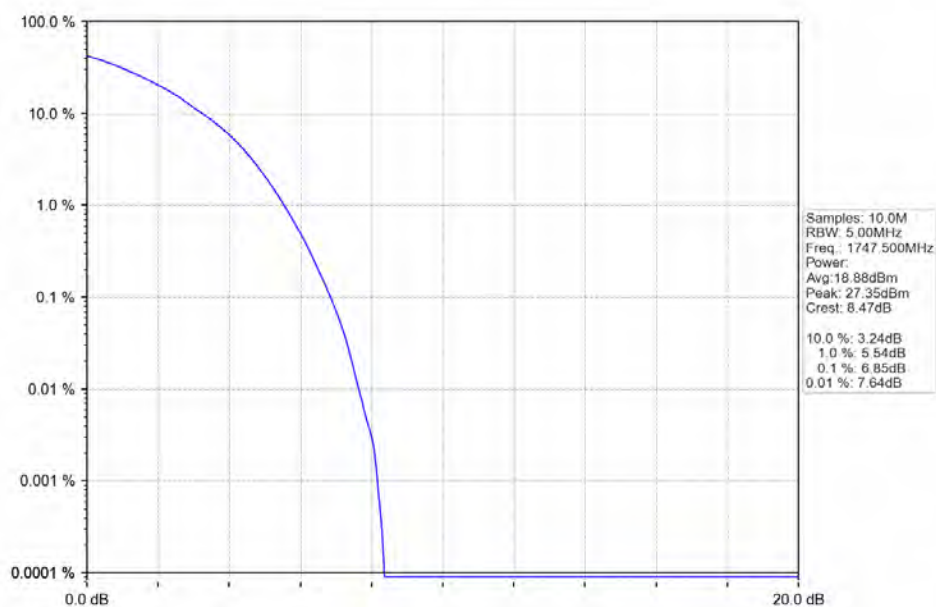
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



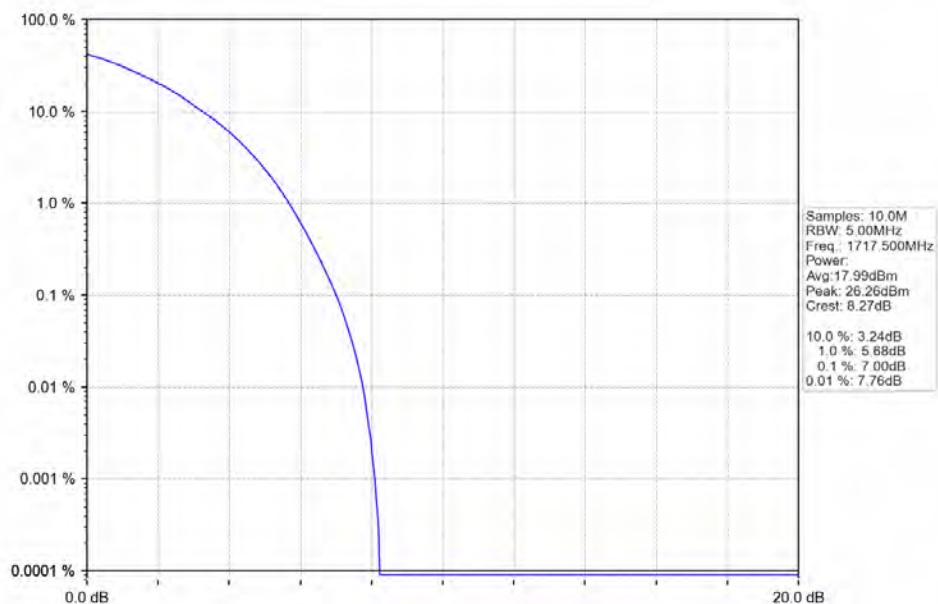
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



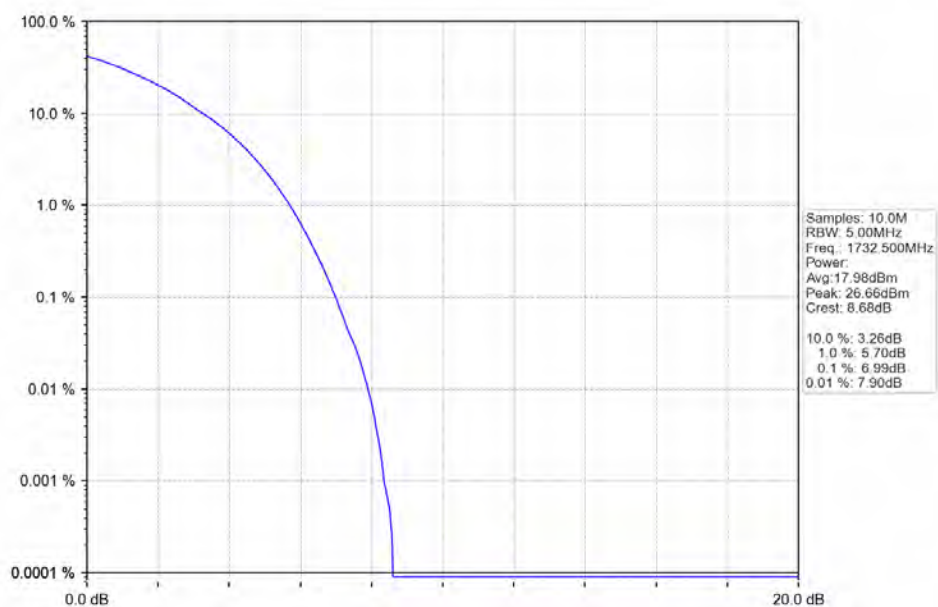
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV

