1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.41	0.30	23.71	<=30	Pass
			2	23.37	0.30	23.67	<=30	Pass
			5	23.29	0.30	23.59	<=30	Pass
		3	0	23.25	0.30	23.55	<=30	Pass
			2	23.23	0.30	23.53	<=30	Pass
			3	23.22	0.30	23.52	<=30	Pass
		6	0	22.31	0.30	22.61	<=30	Pass
	1732.5	1	0	22.96	0.30	23.26	<=30	Pass
			2	23.01	0.30	23.31	<=30	Pass
			5	22.98	0.30	23.28	<=30	Pass
		3	0	23.02	0.30	23.32	<=30	Pass
			2	22.93	0.30	23.23	<=30	Pass
			3	22.99	0.30	23.29	<=30	Pass
		6	0	22.04	0.30	22.34	<=30	Pass
	1754.3	1	0	22.89	0.30	23.19	<=30	Pass
			2	22.87	0.30	23.17	<=30	Pass
			5	22.88	0.30	23.18	<=30	Pass
		3	0	22.78	0.30	23.08	<=30	Pass
			2	23.08	0.30	23.38	<=30	Pass
			3	22.85	0.30	23.15	<=30	Pass
		6	0	21.85	0.30	22.15	<=30	Pass
16QAM	1710.7	1	0	22.68	0.30	22.98	<=30	Pass
			2	22.65	0.30	22.95	<=30	Pass
			5	22.62	0.30	22.92	<=30	Pass
		3	0	22.04	0.30	22.34	<=30	Pass
			2	22.05	0.30	22.35	<=30	Pass
			3	22.02	0.30	22.32	<=30	Pass
		6	0	21.50	0.30	21.80	<=30	Pass
	1732.5	1	0	22.38	0.30	22.68	<=30	Pass
			2	22.38	0.30	22.68	<=30	Pass
			5	22.33	0.30	22.63	<=30	Pass
		3	0	21.74	0.30	22.04	<=30	Pass
			2	21.75	0.30	22.05	<=30	Pass
			3	21.75	0.30	22.05	<=30	Pass
		6	0	21.21	0.30	21.51	<=30	Pass
	1754.3	1	0	22.49	0.30	22.79	<=30	Pass
			2	22.51	0.30	22.81	<=30	Pass
			5	22.56	0.30	22.86	<=30	Pass
		3	0	21.68	0.30	21.98	<=30	Pass
			2	21.67	0.30	21.97	<=30	Pass
			3	21.61	0.30	21.91	<=30	Pass
		6	0	21.12	0.30	21.42	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.22	0.30	23.52	<=30	Pass
			7	23.27	0.30	23.57	<=30	Pass
			14	23.18	0.30	23.48	<=30	Pass
		8	0	22.21	0.30	22.51	<=30	Pass
			4	22.29	0.30	22.59	<=30	Pass
			7	22.26	0.30	22.56	<=30	Pass
		15	0	22.32	0.30	22.62	<=30	Pass
	1732.5	1	0	23.13	0.30	23.43	<=30	Pass
			7	23.14	0.30	23.44	<=30	Pass
			14	23.10	0.30	23.40	<=30	Pass
		8	0	21.97	0.30	22.27	<=30	Pass
			4	21.95	0.30	22.25	<=30	Pass
			7	21.93	0.30	22.23	<=30	Pass
		15	0	21.98	0.30	22.28	<=30	Pass
	1753.5	1	0	22.87	0.30	23.17	<=30	Pass
			7	22.89	0.30	23.19	<=30	Pass
			14	22.82	0.30	23.12	<=30	Pass
		8	0	21.83	0.30	22.13	<=30	Pass
			4	21.85	0.30	22.15	<=30	Pass
			7	21.82	0.30	22.12	<=30	Pass
		15	0	21.90	0.30	22.20	<=30	Pass
16QAM	1711.5	1	0	22.95	0.30	23.25	<=30	Pass
			7	22.94	0.30	23.24	<=30	Pass
			14	22.94	0.30	23.24	<=30	Pass
		8	0	21.52	0.30	21.82	<=30	Pass
			4	21.55	0.30	21.85	<=30	Pass
			7	21.50	0.30	21.80	<=30	Pass
		15	0	21.41	0.30	21.71	<=30	Pass
	1732.5	1	0	22.43	0.30	22.73	<=30	Pass
			7	22.98	0.30	23.28	<=30	Pass
			14	22.97	0.30	23.27	<=30	Pass
		8	0	21.19	0.30	21.49	<=30	Pass
			4	21.18	0.30	21.48	<=30	Pass
			7	21.12	0.30	21.42	<=30	Pass
		15	0	21.15	0.30	21.45	<=30	Pass
	1753.5	1	0	21.90	0.30	22.20	<=30	Pass
			7	21.90	0.30	22.20	<=30	Pass
			14	21.89	0.30	22.19	<=30	Pass
		8	0	21.05	0.30	21.35	<=30	Pass
			4	21.04	0.30	21.34	<=30	Pass
			7	21.06	0.30	21.36	<=30	Pass
		15	0	20.98	0.30	21.28	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.30	0.30	23.60	<=30	Pass
			13	23.13	0.30	23.43	<=30	Pass
			24	23.06	0.30	23.36	<=30	Pass
		12	0	22.26	0.30	22.56	<=30	Pass
			6	22.26	0.30	22.56	<=30	Pass
			13	22.23	0.30	22.53	<=30	Pass
		25	0	22.26	0.30	22.56	<=30	Pass
	1732.5	1	0	23.02	0.30	23.32	<=30	Pass
			13	22.98	0.30	23.28	<=30	Pass
			24	22.96	0.30	23.26	<=30	Pass
		12	0	21.99	0.30	22.29	<=30	Pass
			6	21.94	0.30	22.24	<=30	Pass
			13	21.99	0.30	22.29	<=30	Pass
		25	0	21.98	0.30	22.28	<=30	Pass
	1752.5	1	0	22.71	0.30	23.01	<=30	Pass
			13	22.78	0.30	23.08	<=30	Pass
			24	22.74	0.30	23.04	<=30	Pass
		12	0	21.78	0.30	22.08	<=30	Pass
			6	21.93	0.30	22.23	<=30	Pass
			13	21.97	0.30	22.27	<=30	Pass
		25	0	21.84	0.30	22.14	<=30	Pass
16QAM	1712.5	1	0	22.75	0.30	23.05	<=30	Pass
			13	22.74	0.30	23.04	<=30	Pass
			24	22.70	0.30	23.00	<=30	Pass
		12	0	21.45	0.30	21.75	<=30	Pass
			6	21.46	0.30	21.76	<=30	Pass
			13	21.41	0.30	21.71	<=30	Pass
		25	0	21.48	0.30	21.78	<=30	Pass
	1732.5	1	0	22.71	0.30	23.01	<=30	Pass
			13	22.71	0.30	23.01	<=30	Pass
			24	22.74	0.30	23.04	<=30	Pass
		12	0	20.90	0.30	21.20	<=30	Pass
			6	20.88	0.30	21.18	<=30	Pass
			13	20.91	0.30	21.21	<=30	Pass
		25	0	21.00	0.30	21.30	<=30	Pass
	1752.5	1	0	21.92	0.30	22.22	<=30	Pass
			13	22.03	0.30	22.33	<=30	Pass
			24	21.90	0.30	22.20	<=30	Pass
		12	0	20.94	0.30	21.24	<=30	Pass
			6	21.03	0.30	21.33	<=30	Pass
			13	20.92	0.30	21.22	<=30	Pass
		25	0	20.97	0.30	21.27	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.37	0.30	23.67	<=30	Pass
			25	23.28	0.30	23.58	<=30	Pass
			49	23.10	0.30	23.40	<=30	Pass
		25	0	22.19	0.30	22.49	<=30	Pass
			13	22.15	0.30	22.45	<=30	Pass
			25	22.13	0.30	22.43	<=30	Pass
		50	0	22.20	0.30	22.50	<=30	Pass
	1732.5	1	0	22.95	0.30	23.25	<=30	Pass
			25	22.91	0.30	23.21	<=30	Pass
			49	22.98	0.30	23.28	<=30	Pass
		25	0	22.00	0.30	22.30	<=30	Pass
			13	21.93	0.30	22.23	<=30	Pass
			25	21.92	0.30	22.22	<=30	Pass
		50	0	21.99	0.30	22.29	<=30	Pass
	1750	1	0	22.81	0.30	23.11	<=30	Pass
			25	22.88	0.30	23.18	<=30	Pass
			49	22.84	0.30	23.14	<=30	Pass
		25	0	21.85	0.30	22.15	<=30	Pass
			13	21.98	0.30	22.28	<=30	Pass
			25	22.01	0.30	22.31	<=30	Pass
		50	0	21.97	0.30	22.27	<=30	Pass
16QAM	1715	1	0	22.61	0.30	22.91	<=30	Pass
			25	22.55	0.30	22.85	<=30	Pass
			49	22.48	0.30	22.78	<=30	Pass
		25	0	21.38	0.30	21.68	<=30	Pass
			13	21.30	0.30	21.60	<=30	Pass
			25	21.25	0.30	21.55	<=30	Pass
		50	0	21.24	0.30	21.54	<=30	Pass
	1732.5	1	0	23.05	0.30	23.35	<=30	Pass
			25	22.98	0.30	23.28	<=30	Pass
			49	22.97	0.30	23.27	<=30	Pass
		25	0	21.06	0.30	21.36	<=30	Pass
			13	21.11	0.30	21.41	<=30	Pass
			25	21.16	0.30	21.46	<=30	Pass
		50	0	21.08	0.30	21.38	<=30	Pass
	1750	1	0	22.07	0.30	22.37	<=30	Pass
			25	22.21	0.30	22.51	<=30	Pass
			49	22.12	0.30	22.42	<=30	Pass
		25	0	20.82	0.30	21.12	<=30	Pass
			13	20.98	0.30	21.28	<=30	Pass
			25	20.93	0.30	21.23	<=30	Pass
		50	0	20.92	0.30	21.22	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.18	0.30	23.48	<=30	Pass
			38	23.08	0.30	23.38	<=30	Pass
			74	22.96	0.30	23.26	<=30	Pass
		36	0	22.18	0.30	22.48	<=30	Pass
			18	22.12	0.30	22.42	<=30	Pass
			39	22.13	0.30	22.43	<=30	Pass
		75	0	22.19	0.30	22.49	<=30	Pass
	1732.5	1	0	23.01	0.30	23.31	<=30	Pass
			38	22.95	0.30	23.25	<=30	Pass
			74	22.94	0.30	23.24	<=30	Pass
		36	0	22.08	0.30	22.38	<=30	Pass
			18	21.96	0.30	22.26	<=30	Pass
			39	21.98	0.30	22.28	<=30	Pass
		75	0	21.90	0.30	22.20	<=30	Pass
	1747.5	1	0	22.83	0.30	23.13	<=30	Pass
			38	22.80	0.30	23.10	<=30	Pass
			74	22.85	0.30	23.15	<=30	Pass
		36	0	21.85	0.30	22.15	<=30	Pass
			18	21.87	0.30	22.17	<=30	Pass
			39	21.92	0.30	22.22	<=30	Pass
		75	0	21.90	0.30	22.20	<=30	Pass
16QAM	1717.5	1	0	22.61	0.30	22.91	<=30	Pass
			38	22.49	0.30	22.79	<=30	Pass
			74	22.40	0.30	22.70	<=30	Pass
		36	0	21.25	0.30	21.55	<=30	Pass
			18	21.21	0.30	21.51	<=30	Pass
			39	21.24	0.30	21.54	<=30	Pass
		75	0	21.20	0.30	21.50	<=30	Pass
	1732.5	1	0	23.13	0.30	23.43	<=30	Pass
			38	22.38	0.30	22.68	<=30	Pass
			74	22.38	0.30	22.68	<=30	Pass
		36	0	21.16	0.30	21.46	<=30	Pass
			18	21.13	0.30	21.43	<=30	Pass
			39	21.09	0.30	21.39	<=30	Pass
		75	0	21.18	0.30	21.48	<=30	Pass
	1747.5	1	0	22.10	0.30	22.40	<=30	Pass
			38	22.10	0.30	22.40	<=30	Pass
			74	22.10	0.30	22.40	<=30	Pass
		36	0	20.97	0.30	21.27	<=30	Pass
			18	20.92	0.30	21.22	<=30	Pass
			39	20.95	0.30	21.25	<=30	Pass
		75	0	20.92	0.30	21.22	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.41	0.30	23.71	<=30	Pass
			50	23.21	0.30	23.51	<=30	Pass
			99	23.13	0.30	23.43	<=30	Pass
		50	0	22.23	0.30	22.53	<=30	Pass
			25	22.19	0.30	22.49	<=30	Pass
			50	22.04	0.30	22.34	<=30	Pass
		100	0	22.13	0.30	22.43	<=30	Pass
	1732.5	1	0	23.28	0.30	23.58	<=30	Pass
			50	23.14	0.30	23.44	<=30	Pass
			99	23.13	0.30	23.43	<=30	Pass
		50	0	22.13	0.30	22.43	<=30	Pass
			25	21.91	0.30	22.21	<=30	Pass
			50	21.95	0.30	22.25	<=30	Pass
		100	0	22.04	0.30	22.34	<=30	Pass
	1745	1	0	23.04	0.30	23.34	<=30	Pass
			50	22.96	0.30	23.26	<=30	Pass
			99	22.96	0.30	23.26	<=30	Pass
		50	0	21.80	0.30	22.10	<=30	Pass
			25	21.90	0.30	22.20	<=30	Pass
			50	21.90	0.30	22.20	<=30	Pass
		100	0	21.88	0.30	22.18	<=30	Pass
16QAM	1720	1	0	23.18	0.30	23.48	<=30	Pass
			50	23.04	0.30	23.34	<=30	Pass
			99	22.93	0.30	23.23	<=30	Pass
		50	0	21.22	0.30	21.52	<=30	Pass
			25	21.20	0.30	21.50	<=30	Pass
			50	21.14	0.30	21.44	<=30	Pass
		100	0	21.32	0.30	21.62	<=30	Pass
	1732.5	1	0	22.58	0.30	22.88	<=30	Pass
			50	22.46	0.30	22.76	<=30	Pass
			99	22.39	0.30	22.69	<=30	Pass
		50	0	21.30	0.30	21.60	<=30	Pass
			25	21.20	0.30	21.50	<=30	Pass
			50	21.16	0.30	21.46	<=30	Pass
		100	0	21.07	0.30	21.37	<=30	Pass
	1745	1	0	22.16	0.30	22.46	<=30	Pass
			50	22.15	0.30	22.45	<=30	Pass
			99	22.11	0.30	22.41	<=30	Pass
		50	0	21.08	0.30	21.38	<=30	Pass
			25	21.05	0.30	21.35	<=30	Pass
			50	21.11	0.30	21.41	<=30	Pass
		100	0	20.85	0.30	21.15	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-16.594	-0.0097	-2.5 to 2.5	Pass
					3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
					4.43	-19.255	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-13.561	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-34.189	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-31.056	-0.0182	-2.5 to 2.5	Pass
				0	3.85	-16.150	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-18.196	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-9.241	-0.0054	-2.5 to 2.5	Pass
				50	3.85	7.639	0.0045	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-23.618	-0.0136	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
					4.43	-30.828	-0.0178	-2.5 to 2.5	Pass
				-30	3.85	-33.102	-0.0191	-2.5 to 2.5	Pass
				-20	3.85	-25.907	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				0	3.85	29.154	0.0168	-2.5 to 2.5	Pass
				10	3.85	30.127	0.0174	-2.5 to 2.5	Pass
				30	3.85	25.048	0.0145	-2.5 to 2.5	Pass
				40	3.85	24.190	0.0140	-2.5 to 2.5	Pass
				50	3.85	23.689	0.0137	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-12.002	-0.0068	-2.5 to 2.5	Pass
					3.85	10.257	0.0058	-2.5 to 2.5	Pass
					4.43	30.642	0.0175	-2.5 to 2.5	Pass
				-30	3.85	38.524	0.0220	-2.5 to 2.5	Pass
				-20	3.85	25.835	0.0147	-2.5 to 2.5	Pass
				-10	3.85	16.637	0.0095	-2.5 to 2.5	Pass
				0	3.85	16.637	0.0095	-2.5 to 2.5	Pass
				10	3.85	36.535	0.0208	-2.5 to 2.5	Pass
				30	3.85	21.772	0.0124	-2.5 to 2.5	Pass
				40	3.85	19.054	0.0109	-2.5 to 2.5	Pass
				50	3.85	-19.341	-0.0110	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-6.151	-0.0036	-2.5 to 2.5	Pass
					3.85	38.681	0.0226	-2.5 to 2.5	Pass
					4.43	29.268	0.0171	-2.5 to 2.5	Pass
				-30	3.85	17.610	0.0103	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	24.705	0.0144	-2.5 to 2.5	Pass
				0	3.85	9.813	0.0057	-2.5 to 2.5	Pass
				10	3.85	38.366	0.0224	-2.5 to 2.5	Pass
				30	3.85	38.753	0.0227	-2.5 to 2.5	Pass
				40	3.85	7.238	0.0042	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	24.776	0.0143	-2.5 to 2.5	Pass
					3.85	33.274	0.0192	-2.5 to 2.5	Pass
					4.43	4.234	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	5.636	0.0033	-2.5 to 2.5	Pass

				-10	3.85	17.910	0.0103	-2.5 to 2.5	Pass
				0	3.85	32.415	0.0187	-2.5 to 2.5	Pass
				10	3.85	30.599	0.0177	-2.5 to 2.5	Pass
				30	3.85	31.357	0.0181	-2.5 to 2.5	Pass
				40	3.85	32.358	0.0187	-2.5 to 2.5	Pass
				50	3.85	26.693	0.0154	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	14.706	0.0084	-2.5 to 2.5	Pass
					3.85	-18.024	-0.0103	-2.5 to 2.5	Pass
					4.43	29.869	0.0170	-2.5 to 2.5	Pass
				-30	3.85	35.348	0.0201	-2.5 to 2.5	Pass
				-20	3.85	-25.949	-0.0148	-2.5 to 2.5	Pass
				-10	3.85	-7.782	-0.0044	-2.5 to 2.5	Pass
				0	3.85	9.584	0.0055	-2.5 to 2.5	Pass
				10	3.85	5.493	0.0031	-2.5 to 2.5	Pass
				30	3.85	27.394	0.0156	-2.5 to 2.5	Pass
				40	3.85	6.695	0.0038	-2.5 to 2.5	Pass
				50	3.85	22.888	0.0130	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-31.700	-0.0185	-2.5 to 2.5	Pass
					3.85	-27.223	-0.0159	-2.5 to 2.5	Pass
					4.43	-27.494	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-27.051	-0.0158	-2.5 to 2.5	Pass
				-20	3.85	-10.614	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-25.048	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-19.927	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-42.729	-0.0250	-2.5 to 2.5	Pass
				40	3.85	-32.244	-0.0188	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-8.984	-0.0052	-2.5 to 2.5	Pass
					3.85	-22.016	-0.0127	-2.5 to 2.5	Pass
					4.43	-25.063	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-30.069	-0.0174	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				0	3.85	8.154	0.0047	-2.5 to 2.5	Pass
				10	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-24.533	-0.0142	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	2.317	0.0013	-2.5 to 2.5	Pass
					3.85	18.396	0.0105	-2.5 to 2.5	Pass
					4.43	18.239	0.0104	-2.5 to 2.5	Pass
				-30	3.85	9.699	0.0055	-2.5 to 2.5	Pass
				-20	3.85	15.635	0.0089	-2.5 to 2.5	Pass
				-10	3.85	29.955	0.0171	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				30	3.85	9.913	0.0057	-2.5 to 2.5	Pass
				40	3.85	8.912	0.0051	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-1.945	-0.0011	-2.5 to 2.5	Pass

					3.85	-32.372	-0.0189	-2.5 to 2.5	Pass
					4.43	18.325	0.0107	-2.5 to 2.5	Pass
				-30	3.85	32.215	0.0188	-2.5 to 2.5	Pass
				-20	3.85	14.319	0.0084	-2.5 to 2.5	Pass
				-10	3.85	22.845	0.0133	-2.5 to 2.5	Pass
				0	3.85	18.311	0.0107	-2.5 to 2.5	Pass
				10	3.85	-34.590	-0.0202	-2.5 to 2.5	Pass
				30	3.85	33.846	0.0198	-2.5 to 2.5	Pass
				40	3.85	17.266	0.0101	-2.5 to 2.5	Pass
				50	3.85	19.226	0.0112	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-4.721	-0.0027	-2.5 to 2.5	Pass
					3.85	1.645	0.0009	-2.5 to 2.5	Pass
					4.43	13.905	0.0080	-2.5 to 2.5	Pass
				-30	3.85	27.080	0.0156	-2.5 to 2.5	Pass
				-20	3.85	29.554	0.0171	-2.5 to 2.5	Pass
				-10	3.85	29.554	0.0171	-2.5 to 2.5	Pass
				0	3.85	24.462	0.0141	-2.5 to 2.5	Pass
				10	3.85	25.091	0.0145	-2.5 to 2.5	Pass
				30	3.85	27.065	0.0156	-2.5 to 2.5	Pass
				40	3.85	22.960	0.0133	-2.5 to 2.5	Pass
				50	3.85	27.595	0.0159	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	23.017	0.0131	-2.5 to 2.5	Pass
					3.85	9.141	0.0052	-2.5 to 2.5	Pass
					4.43	10.715	0.0061	-2.5 to 2.5	Pass
				-30	3.85	12.574	0.0072	-2.5 to 2.5	Pass
				-20	3.85	36.092	0.0206	-2.5 to 2.5	Pass
				-10	3.85	25.635	0.0146	-2.5 to 2.5	Pass
				0	3.85	10.157	0.0058	-2.5 to 2.5	Pass
				10	3.85	28.195	0.0161	-2.5 to 2.5	Pass
				30	3.85	36.907	0.0210	-2.5 to 2.5	Pass
				40	3.85	31.199	0.0178	-2.5 to 2.5	Pass
				50	3.85	22.631	0.0129	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-36.592	-0.0214	-2.5 to 2.5	Pass
					3.85	-21.744	-0.0127	-2.5 to 2.5	Pass
					4.43	-8.111	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-30.370	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-15.850	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-21.057	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-26.922	-0.0157	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-26.050	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-25.764	-0.0150	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-4.478	-0.0026	-2.5 to 2.5	Pass
					3.85	-34.218	-0.0198	-2.5 to 2.5	Pass
					4.43	-31.614	-0.0182	-2.5 to 2.5	Pass
				-30	3.85	-16.394	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-28.539	-0.0165	-2.5 to 2.5	Pass
				-10	3.85	17.695	0.0102	-2.5 to 2.5	Pass
				0	3.85	-25.649	-0.0148	-2.5 to 2.5	Pass
				10	3.85	20.571	0.0119	-2.5 to 2.5	Pass

				30	3.85	15.750	0.0091	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				50	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	0.944	0.0005	-2.5 to 2.5	Pass
					3.85	7.725	0.0044	-2.5 to 2.5	Pass
					4.43	38.638	0.0220	-2.5 to 2.5	Pass
				-30	3.85	24.719	0.0141	-2.5 to 2.5	Pass
				-20	3.85	35.048	0.0200	-2.5 to 2.5	Pass
				-10	3.85	34.947	0.0199	-2.5 to 2.5	Pass
				0	3.85	-8.569	-0.0049	-2.5 to 2.5	Pass
				10	3.85	22.516	0.0128	-2.5 to 2.5	Pass
				30	3.85	30.856	0.0176	-2.5 to 2.5	Pass
				40	3.85	10.786	0.0062	-2.5 to 2.5	Pass
				50	3.85	16.823	0.0096	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-12.846	-0.0075	-2.5 to 2.5	Pass
					3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
					4.43	-10.300	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	45.891	0.0268	-2.5 to 2.5	Pass
				0	3.85	21.615	0.0126	-2.5 to 2.5	Pass
				10	3.85	29.340	0.0171	-2.5 to 2.5	Pass
				30	3.85	32.415	0.0189	-2.5 to 2.5	Pass
				40	3.85	26.922	0.0157	-2.5 to 2.5	Pass
				50	3.85	11.301	0.0066	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	8.469	0.0049	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-11.659	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				10	3.85	39.597	0.0229	-2.5 to 2.5	Pass
				30	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-13.089	-0.0076	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	39.196	0.0224	-2.5 to 2.5	Pass
					3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
					4.43	25.048	0.0143	-2.5 to 2.5	Pass
				-30	3.85	33.317	0.0190	-2.5 to 2.5	Pass
				-20	3.85	26.479	0.0151	-2.5 to 2.5	Pass
				-10	3.85	13.046	0.0074	-2.5 to 2.5	Pass
				0	3.85	6.223	0.0036	-2.5 to 2.5	Pass
				10	3.85	34.533	0.0197	-2.5 to 2.5	Pass
				30	3.85	33.646	0.0192	-2.5 to 2.5	Pass
				40	3.85	13.018	0.0074	-2.5 to 2.5	Pass
				50	3.85	34.819	0.0199	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-28.782	-0.0168	-2.5 to 2.5	Pass
					3.85	-24.376	-0.0142	-2.5 to 2.5	Pass
					4.43	-7.739	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-23.003	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-21.229	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-9.785	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-12.717	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-31.142	-0.0182	-2.5 to 2.5	Pass
				40	3.85	-12.388	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-20.871	-0.0122	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-22.302	-0.0129	-2.5 to 2.5	Pass
					3.85	-22.545	-0.0130	-2.5 to 2.5	Pass
					4.43	-28.367	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-19.641	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-30.642	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-29.325	-0.0169	-2.5 to 2.5	Pass
				0	3.85	-10.171	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-18.411	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-30.041	-0.0173	-2.5 to 2.5	Pass
				40	3.85	-44.618	-0.0258	-2.5 to 2.5	Pass
				50	3.85	-20.356	-0.0117	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.459	-0.0008	-2.5 to 2.5	Pass
					3.85	27.695	0.0158	-2.5 to 2.5	Pass
					4.43	4.063	0.0023	-2.5 to 2.5	Pass
				-30	3.85	31.056	0.0177	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	17.853	0.0102	-2.5 to 2.5	Pass
				0	3.85	23.947	0.0137	-2.5 to 2.5	Pass
				10	3.85	20.156	0.0115	-2.5 to 2.5	Pass
				30	3.85	29.082	0.0166	-2.5 to 2.5	Pass
				40	3.85	35.305	0.0202	-2.5 to 2.5	Pass
				50	3.85	4.992	0.0029	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	12.174	0.0071	-2.5 to 2.5	Pass
					3.85	31.500	0.0184	-2.5 to 2.5	Pass
					4.43	30.055	0.0175	-2.5 to 2.5	Pass
				-30	3.85	12.760	0.0074	-2.5 to 2.5	Pass
				-20	3.85	24.033	0.0140	-2.5 to 2.5	Pass
				-10	3.85	42.043	0.0245	-2.5 to 2.5	Pass
				0	3.85	27.380	0.0160	-2.5 to 2.5	Pass
				10	3.85	26.565	0.0155	-2.5 to 2.5	Pass
				30	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				40	3.85	-36.063	-0.0210	-2.5 to 2.5	Pass
				50	3.85	42.429	0.0247	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-27.666	-0.0160	-2.5 to 2.5	Pass
					3.85	-9.699	-0.0056	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.85	-18.311	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-8.383	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-16.093	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass

				50	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	28.839	0.0165	-2.5 to 2.5	Pass
					3.85	24.362	0.0139	-2.5 to 2.5	Pass
					4.43	24.862	0.0142	-2.5 to 2.5	Pass
				-30	3.85	21.987	0.0126	-2.5 to 2.5	Pass
				-20	3.85	-10.815	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	33.231	0.0190	-2.5 to 2.5	Pass
				0	3.85	35.133	0.0201	-2.5 to 2.5	Pass
				10	3.85	24.533	0.0140	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	32.058	0.0183	-2.5 to 2.5	Pass
				50	3.85	17.095	0.0098	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

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	-28.181	-0.0164	-2.5 to 2.5	Pass
					3.85	-41.943	-0.0244	-2.5 to 2.5	Pass
					4.43	-37.150	-0.0216	-2.5 to 2.5	Pass
				-30	3.85	-20.771	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-21.687	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	18.339	0.0107	-2.5 to 2.5	Pass
				0	3.85	-32.430	-0.0189	-2.5 to 2.5	Pass
				10	3.85	-9.069	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-25.105	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-8.283	-0.0048	-2.5 to 2.5	Pass
				50	3.85	6.094	0.0035	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-21.157	-0.0122	-2.5 to 2.5	Pass
					3.85	-33.646	-0.0194	-2.5 to 2.5	Pass
					4.43	-18.969	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-22.459	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-40.584	-0.0234	-2.5 to 2.5	Pass
				-10	3.85	-11.973	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-13.733	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-9.127	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-20.499	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-31.857	-0.0184	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	26.379	0.0151	-2.5 to 2.5	Pass
					3.85	18.997	0.0109	-2.5 to 2.5	Pass
					4.43	3.347	0.0019	-2.5 to 2.5	Pass
				-30	3.85	15.249	0.0087	-2.5 to 2.5	Pass
				-20	3.85	15.435	0.0088	-2.5 to 2.5	Pass
				-10	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				0	3.85	21.172	0.0121	-2.5 to 2.5	Pass
				10	3.85	27.809	0.0159	-2.5 to 2.5	Pass
				30	3.85	-10.486	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-11.787	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	12.059	0.0070	-2.5 to 2.5	Pass
					3.85	21.014	0.0122	-2.5 to 2.5	Pass
					4.43	26.078	0.0152	-2.5 to 2.5	Pass
				-30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.85	22.945	0.0134	-2.5 to 2.5	Pass
				-10	3.85	20.428	0.0119	-2.5 to 2.5	Pass

				0	3.85	34.690	0.0202	-2.5 to 2.5	Pass
				10	3.85	12.975	0.0076	-2.5 to 2.5	Pass
				30	3.85	10.958	0.0064	-2.5 to 2.5	Pass
				40	3.85	17.681	0.0103	-2.5 to 2.5	Pass
				50	3.85	20.485	0.0119	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-4.320	-0.0025	-2.5 to 2.5	Pass
					3.85	26.665	0.0154	-2.5 to 2.5	Pass
					4.43	30.670	0.0177	-2.5 to 2.5	Pass
				-30	3.85	37.637	0.0217	-2.5 to 2.5	Pass
				-20	3.85	7.038	0.0041	-2.5 to 2.5	Pass
				-10	3.85	11.988	0.0069	-2.5 to 2.5	Pass
				0	3.85	7.238	0.0042	-2.5 to 2.5	Pass
				10	3.85	23.260	0.0134	-2.5 to 2.5	Pass
				30	3.85	36.235	0.0209	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				50	3.85	22.931	0.0132	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	20.442	0.0117	-2.5 to 2.5	Pass
					3.85	23.646	0.0135	-2.5 to 2.5	Pass
					4.43	3.762	0.0022	-2.5 to 2.5	Pass
				-30	3.85	23.174	0.0133	-2.5 to 2.5	Pass
				-20	3.85	14.777	0.0085	-2.5 to 2.5	Pass
				-10	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				0	3.85	10.228	0.0059	-2.5 to 2.5	Pass
				10	3.85	8.197	0.0047	-2.5 to 2.5	Pass
				30	3.85	28.882	0.0165	-2.5 to 2.5	Pass
				40	3.85	15.106	0.0086	-2.5 to 2.5	Pass
				50	3.85	15.965	0.0091	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

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	-27.380	-0.0159	-2.5 to 2.5	Pass
					3.85	-31.328	-0.0182	-2.5 to 2.5	Pass
					4.43	-40.026	-0.0233	-2.5 to 2.5	Pass
				-30	3.85	-21.029	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-31.471	-0.0183	-2.5 to 2.5	Pass
				-10	3.85	-37.522	-0.0218	-2.5 to 2.5	Pass
				0	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				40	3.85	20.986	0.0122	-2.5 to 2.5	Pass
				50	3.85	15.249	0.0089	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-23.146	-0.0134	-2.5 to 2.5	Pass
					3.85	-18.039	-0.0104	-2.5 to 2.5	Pass
					4.43	-13.990	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	5.078	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-32.759	-0.0189	-2.5 to 2.5	Pass
				-10	3.85	-22.602	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-28.768	-0.0166	-2.5 to 2.5	Pass
				10	3.85	18.353	0.0106	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-28.424	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-10.700	-0.0062	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	27.537	0.0158	-2.5 to 2.5	Pass
					3.85	44.932	0.0257	-2.5 to 2.5	Pass

					4.43	2.346	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-10	3.85	11.988	0.0069	-2.5 to 2.5	Pass
				0	3.85	25.120	0.0144	-2.5 to 2.5	Pass
				10	3.85	-14.334	-0.0082	-2.5 to 2.5	Pass
				30	3.85	15.321	0.0088	-2.5 to 2.5	Pass
				40	3.85	42.601	0.0244	-2.5 to 2.5	Pass
				50	3.85	-29.268	-0.0168	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	26.908	0.0156	-2.5 to 2.5	Pass
					3.85	4.020	0.0023	-2.5 to 2.5	Pass
					4.43	26.350	0.0153	-2.5 to 2.5	Pass
				-30	3.85	26.894	0.0156	-2.5 to 2.5	Pass
				-20	3.85	42.372	0.0246	-2.5 to 2.5	Pass
				-10	3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
				0	3.85	12.574	0.0073	-2.5 to 2.5	Pass
				10	3.85	26.822	0.0156	-2.5 to 2.5	Pass
				30	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				40	3.85	-13.561	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	6.680	0.0039	-2.5 to 2.5	Pass
					3.85	1.130	0.0007	-2.5 to 2.5	Pass
					4.43	29.898	0.0173	-2.5 to 2.5	Pass
				-30	3.85	37.723	0.0218	-2.5 to 2.5	Pass
				-20	3.85	40.169	0.0232	-2.5 to 2.5	Pass
				-10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				0	3.85	-25.535	-0.0147	-2.5 to 2.5	Pass
				10	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				40	3.85	9.270	0.0054	-2.5 to 2.5	Pass
				50	3.85	3.862	0.0022	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	5.865	0.0034	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
					4.43	11.373	0.0065	-2.5 to 2.5	Pass
				-30	3.85	8.883	0.0051	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-34.018	-0.0195	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	13.590	0.0078	-2.5 to 2.5	Pass
				30	3.85	-11.315	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-17.295	-0.0099	-2.5 to 2.5	Pass
				50	3.85	13.132	0.0075	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

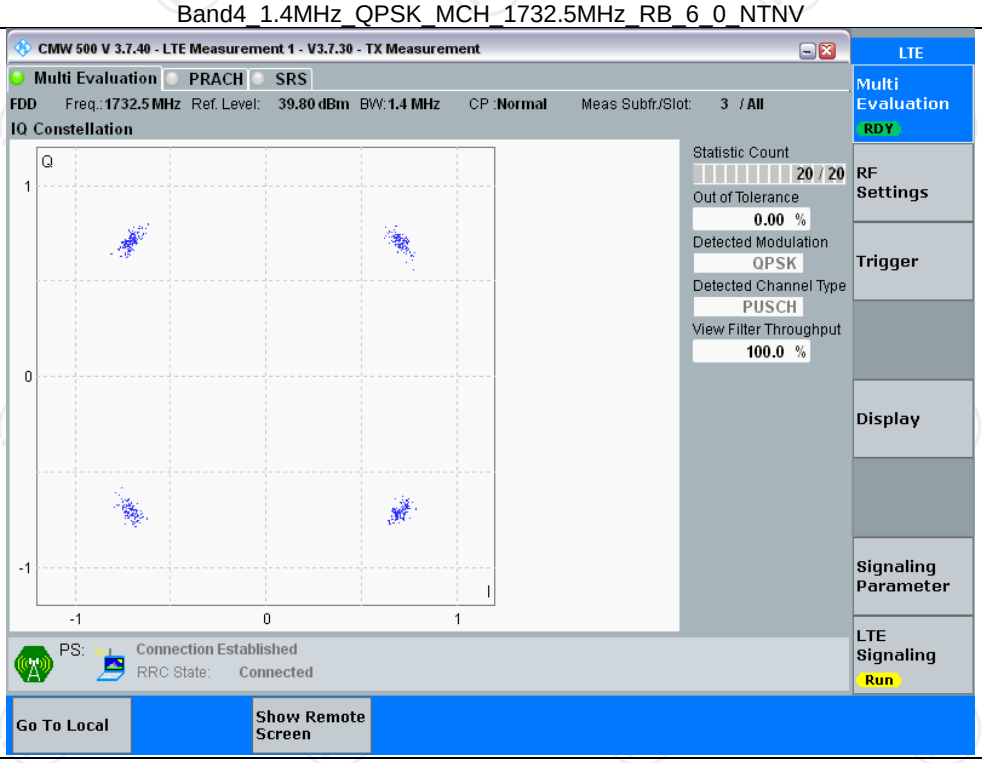
3.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

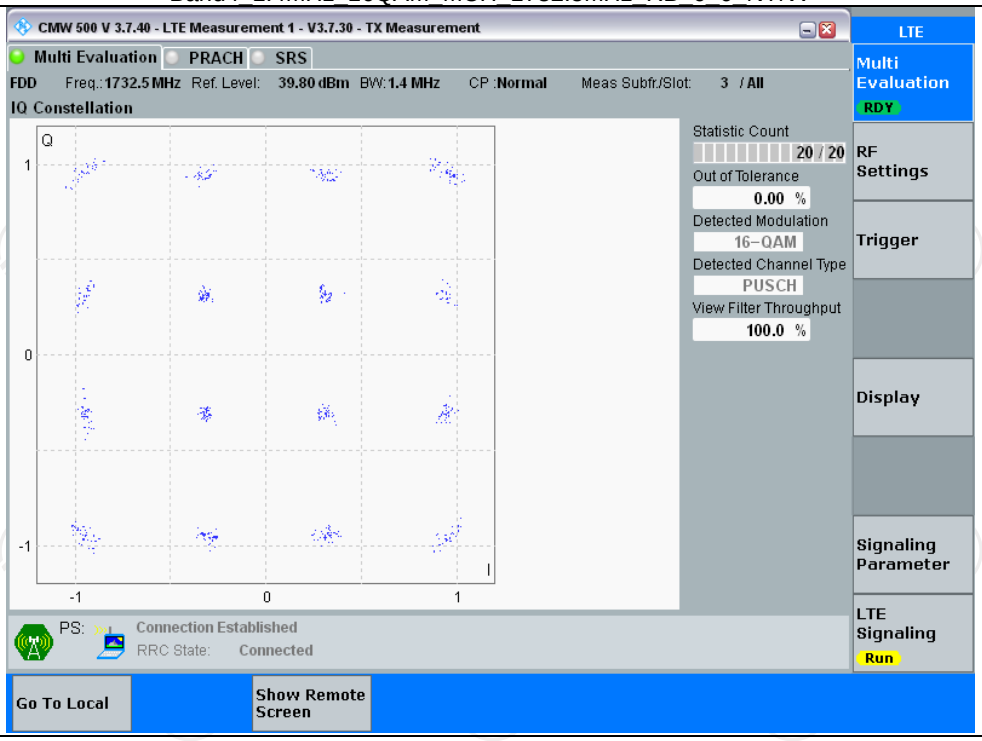
3.2 Test Graph

3.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

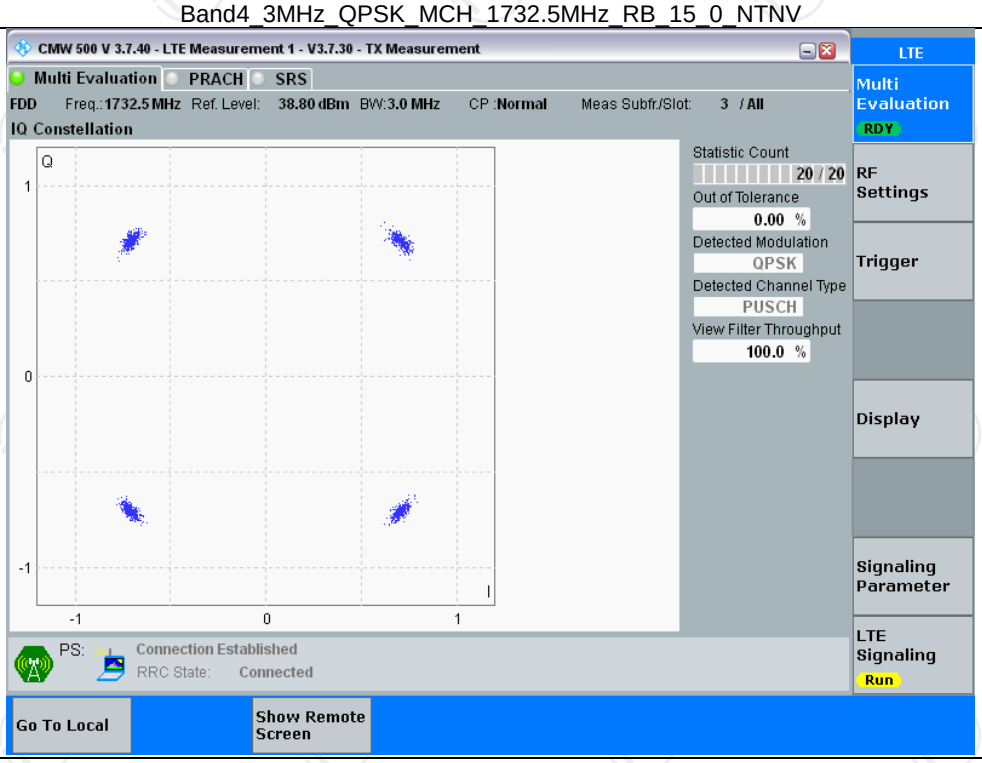


Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

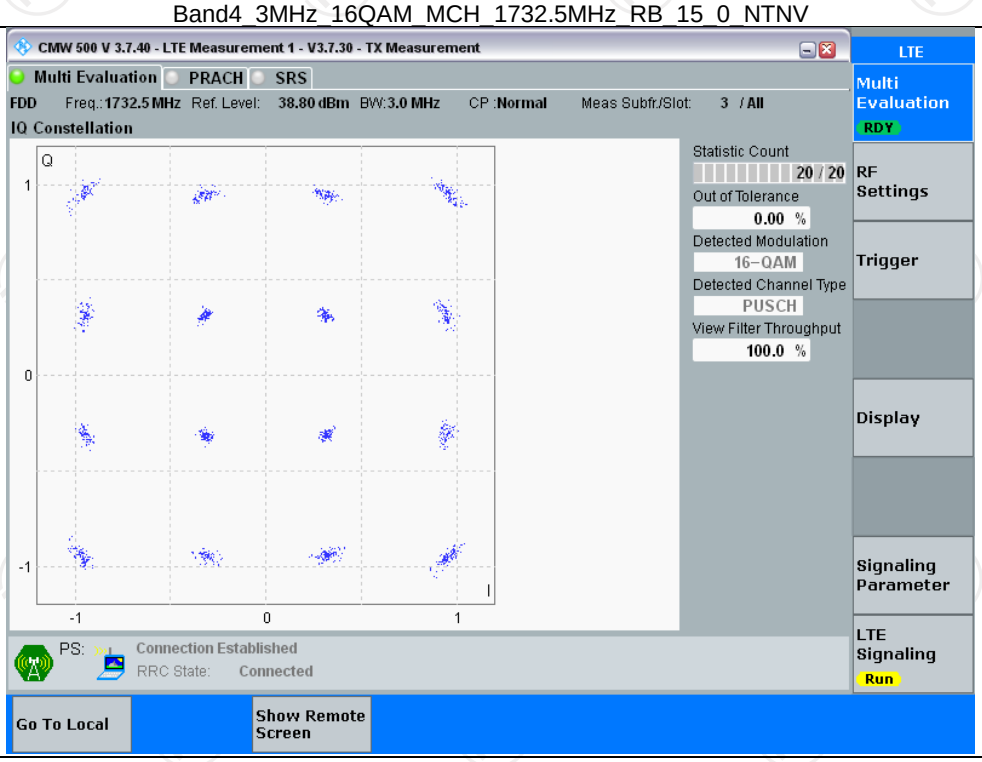


3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

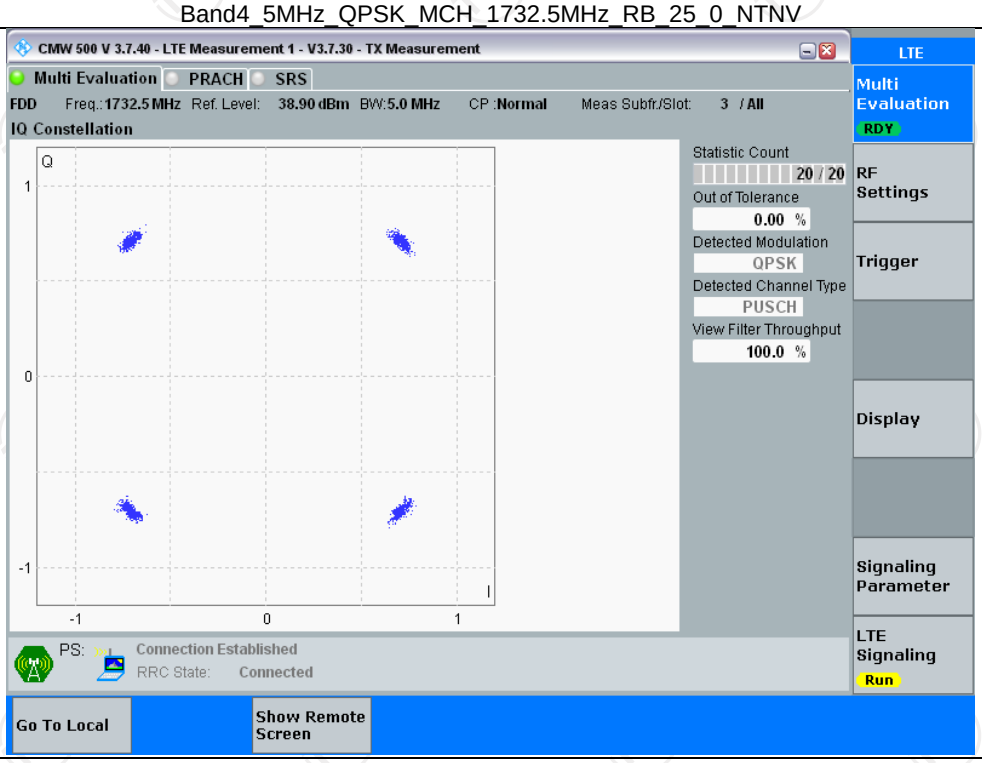


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

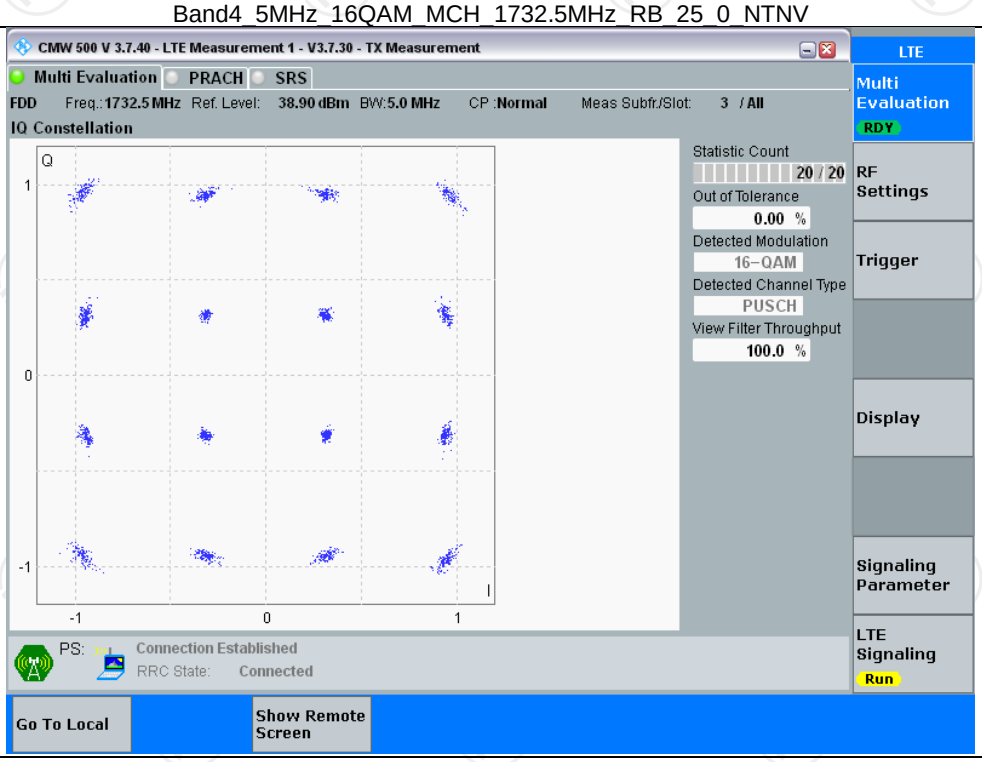


3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

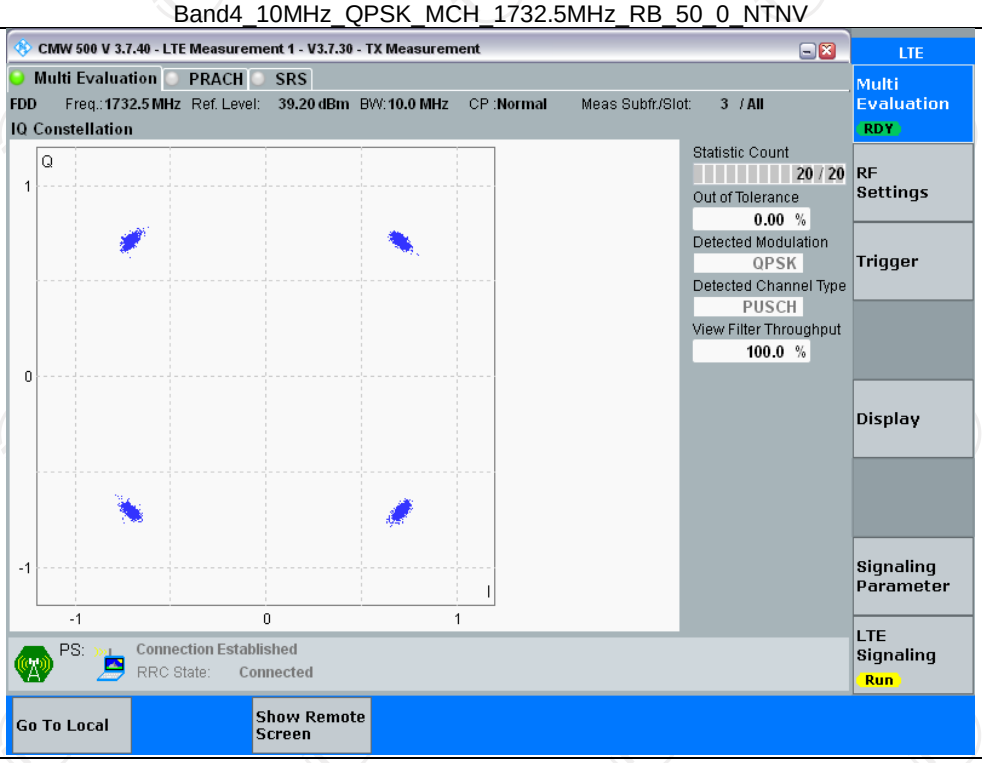


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

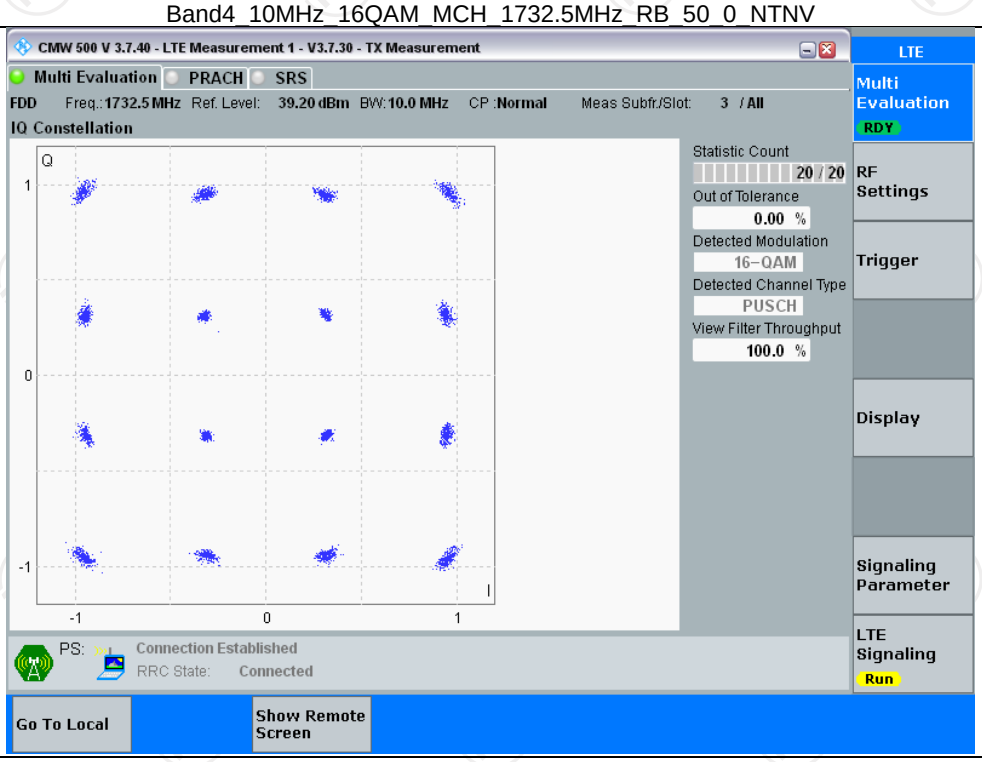


3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

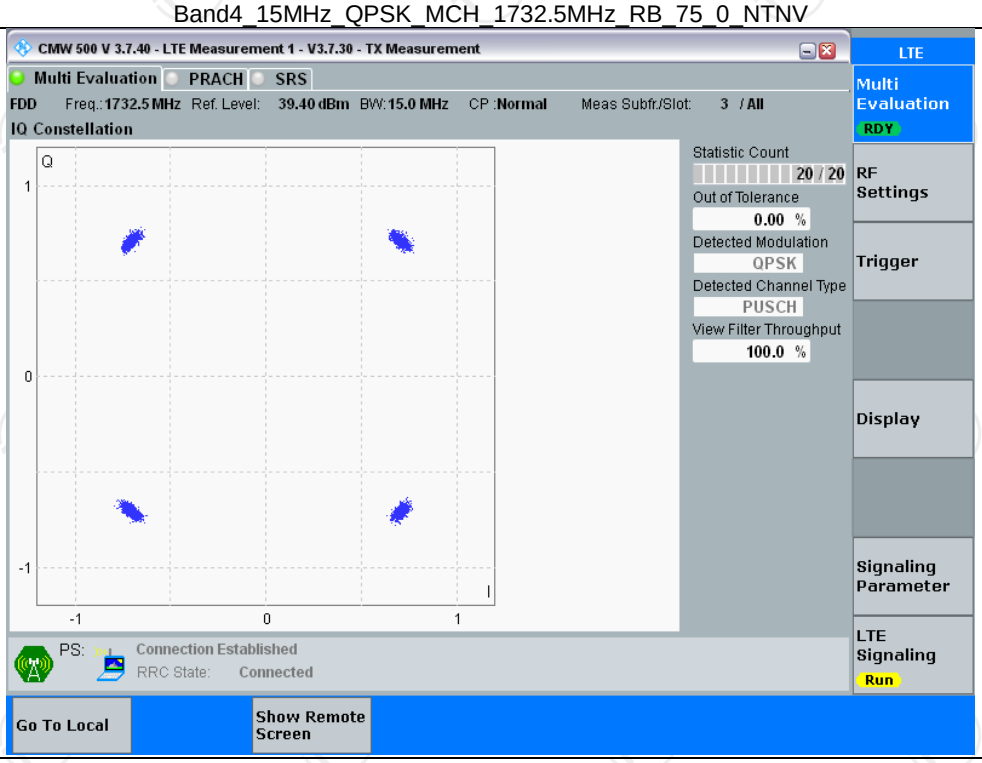


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

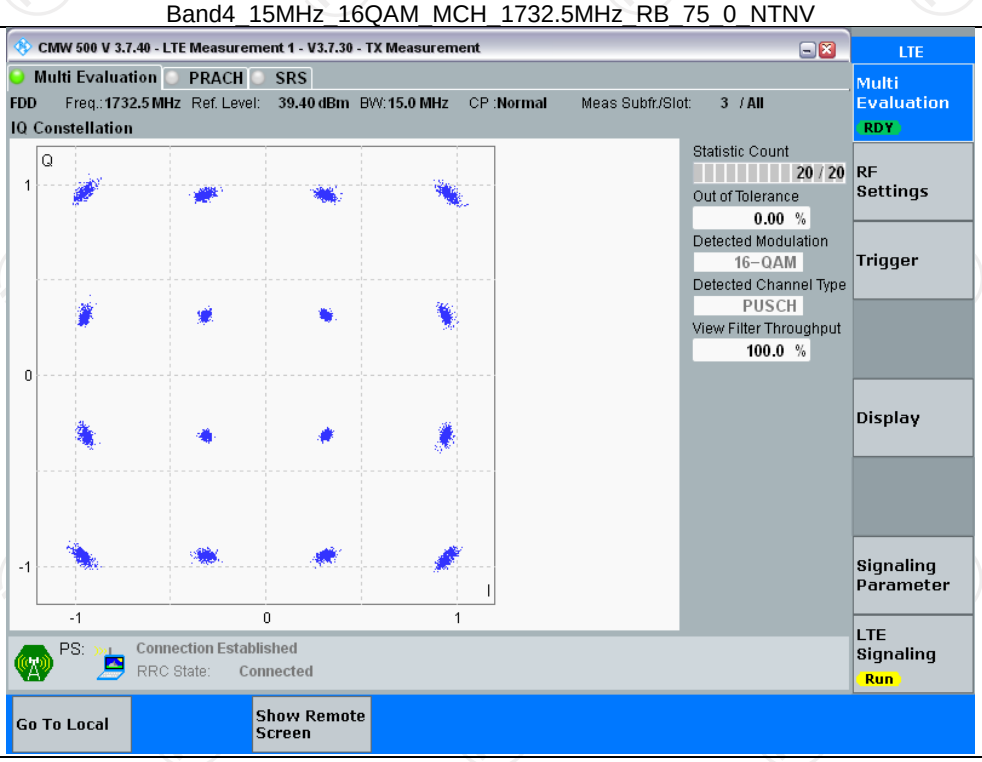


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

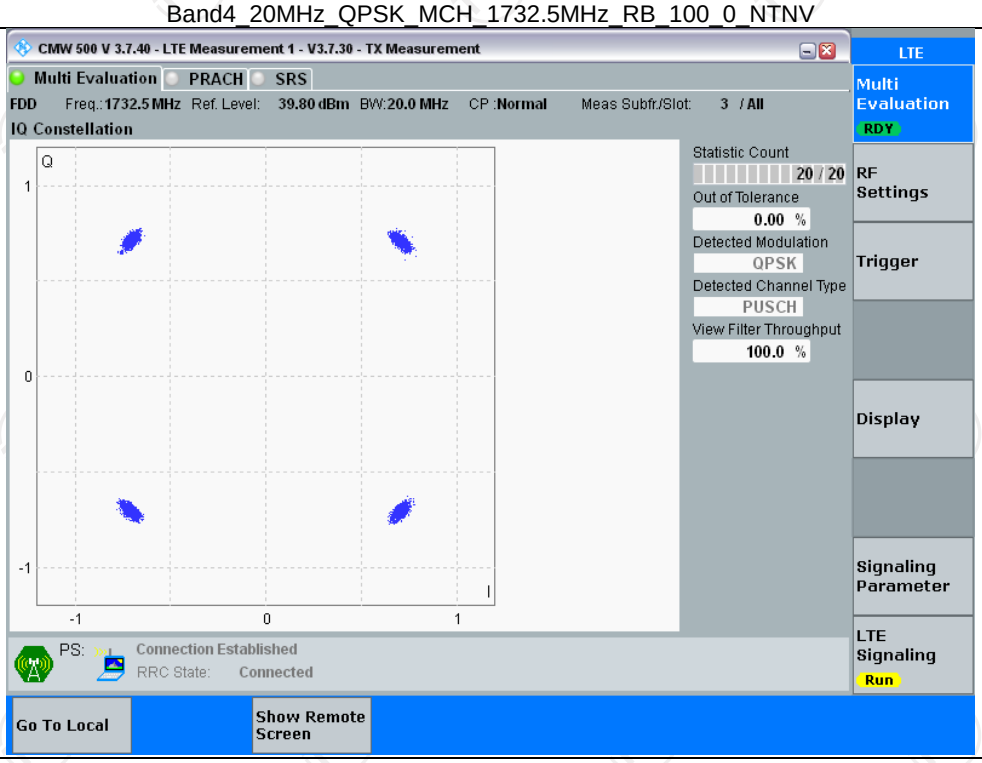


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

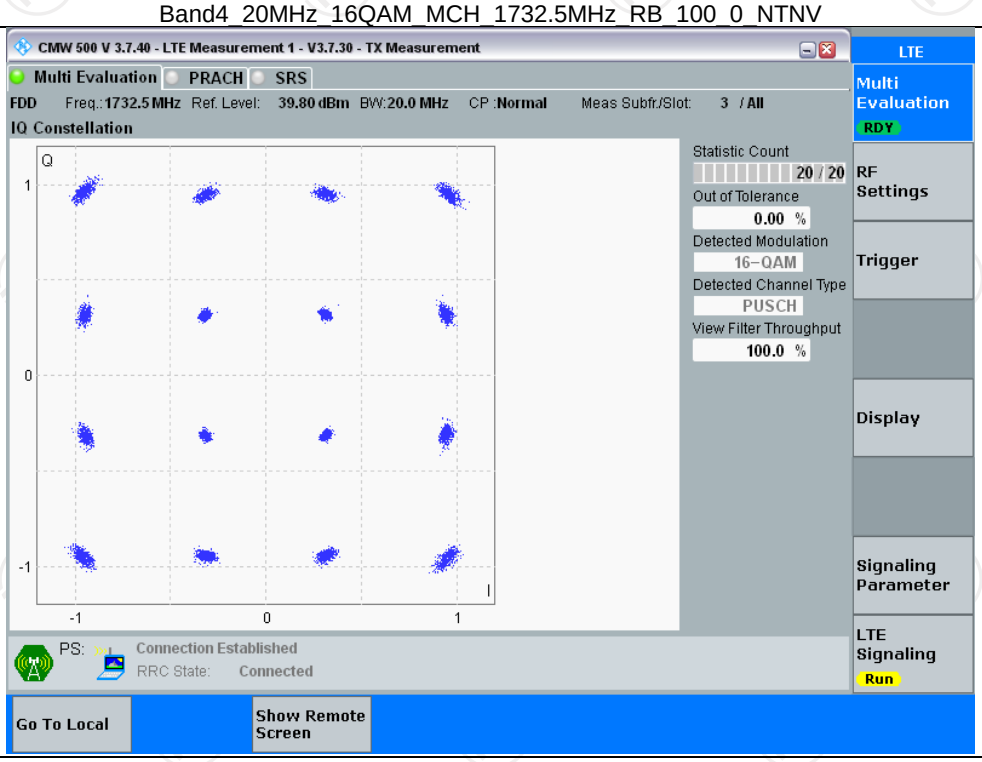


3.2.6 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.109	/	Pass
		1754.3	6	0	1.123	/	Pass
3	QPSK	1711.5	15	0	2.751	/	Pass
		1732.5	15	0	2.756	/	Pass
		1753.5	15	0	2.775	/	Pass
	16QAM	1711.5	15	0	2.781	/	Pass
		1732.5	15	0	2.757	/	Pass
		1753.5	15	0	2.758	/	Pass
5	QPSK	1712.5	25	0	4.561	/	Pass
		1732.5	25	0	4.558	/	Pass
		1752.5	25	0	4.545	/	Pass
	16QAM	1712.5	25	0	4.563	/	Pass
		1732.5	25	0	4.565	/	Pass
		1752.5	25	0	4.557	/	Pass
10	QPSK	1715	50	0	9.056	/	Pass
		1732.5	50	0	9.066	/	Pass
		1750	50	0	9.072	/	Pass
	16QAM	1715	50	0	9.065	/	Pass
		1732.5	50	0	9.050	/	Pass
		1750	50	0	9.026	/	Pass
15	QPSK	1717.5	75	0	13.498	/	Pass
		1732.5	75	0	13.654	/	Pass
		1747.5	75	0	13.542	/	Pass
	16QAM	1717.5	75	0	13.537	/	Pass
		1732.5	75	0	13.689	/	Pass
		1747.5	75	0	13.541	/	Pass
20	QPSK	1720	100	0	18.006	/	Pass
		1732.5	100	0	18.315	/	Pass
		1745	100	0	18.111	/	Pass
	16QAM	1720	100	0	18.024	/	Pass
		1732.5	100	0	18.265	/	Pass
		1745	100	0	18.156	/	Pass

4.1.2 Band4_XDB

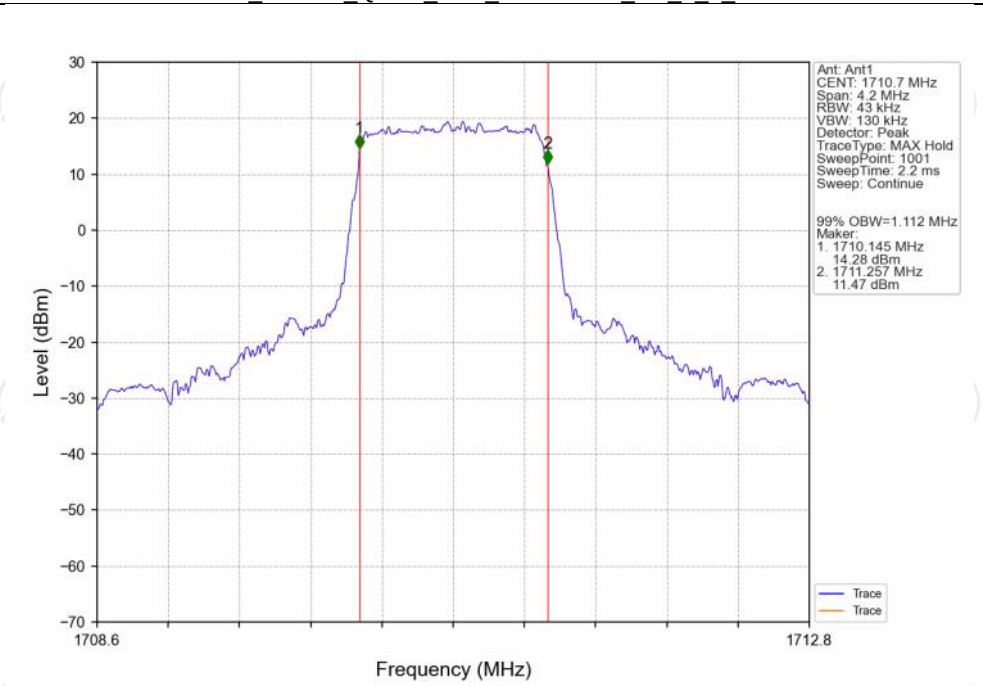
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.278	/	Pass
		1732.5	6	0	1.282	/	Pass
		1754.3	6	0	1.276	/	Pass

	16QAM	1710.7	6	0	1.276	/	Pass
		1732.5	6	0	1.273	/	Pass
		1754.3	6	0	1.279	/	Pass
3	QPSK	1711.5	15	0	3.114	/	Pass
		1732.5	15	0	3.075	/	Pass
		1753.5	15	0	3.114	/	Pass
	16QAM	1711.5	15	0	3.101	/	Pass
		1732.5	15	0	3.130	/	Pass
		1753.5	15	0	3.116	/	Pass
5	QPSK	1712.5	25	0	5.061	/	Pass
		1732.5	25	0	5.083	/	Pass
		1752.5	25	0	5.055	/	Pass
	16QAM	1712.5	25	0	5.071	/	Pass
		1732.5	25	0	5.065	/	Pass
		1752.5	25	0	5.049	/	Pass
10	QPSK	1715	50	0	10.064	/	Pass
		1732.5	50	0	10.037	/	Pass
		1750	50	0	10.007	/	Pass
	16QAM	1715	50	0	9.968	/	Pass
		1732.5	50	0	9.762	/	Pass
		1750	50	0	10.062	/	Pass
15	QPSK	1717.5	75	0	15.058	/	Pass
		1732.5	75	0	15.209	/	Pass
		1747.5	75	0	15.070	/	Pass
	16QAM	1717.5	75	0	15.044	/	Pass
		1732.5	75	0	15.256	/	Pass
		1747.5	75	0	15.036	/	Pass
20	QPSK	1720	100	0	19.825	/	Pass
		1732.5	100	0	20.011	/	Pass
		1745	100	0	19.859	/	Pass
	16QAM	1720	100	0	19.835	/	Pass
		1732.5	100	0	20.045	/	Pass
		1745	100	0	19.822	/	Pass

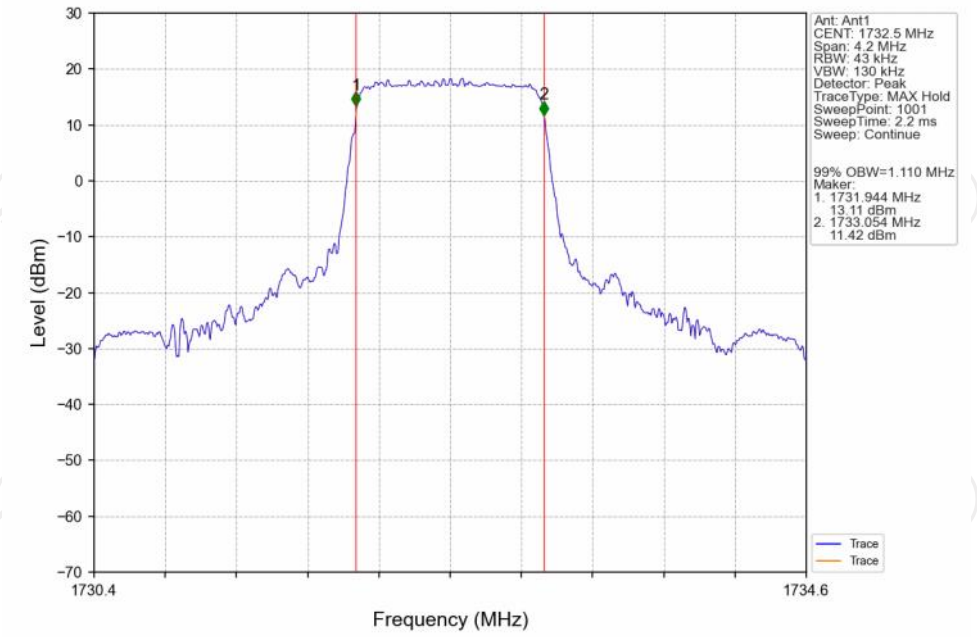
4.2 Test Graph

4.2.1 Band4_OBW

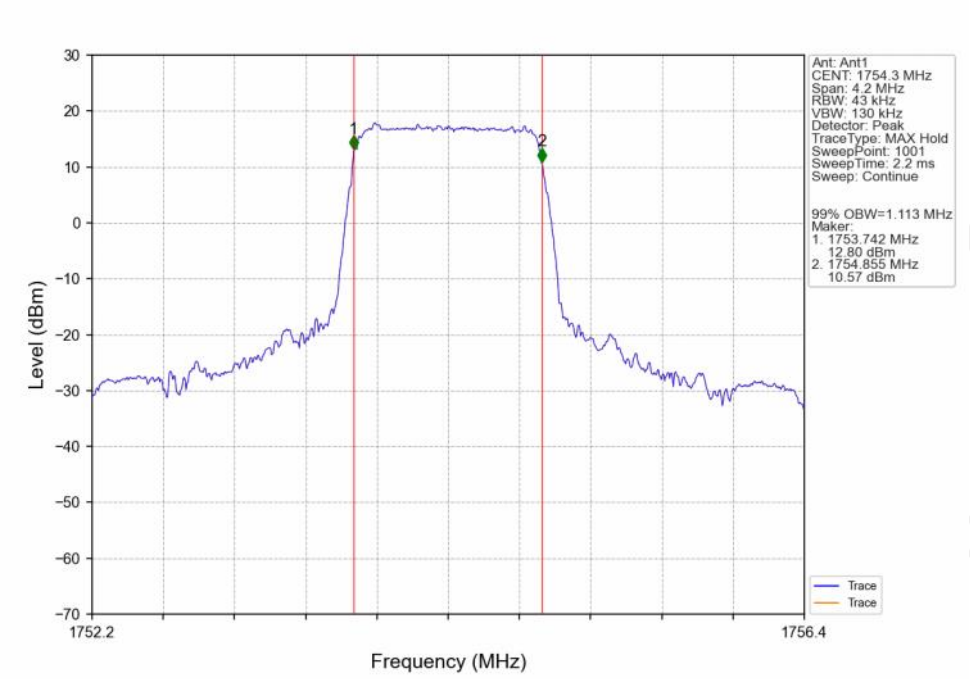
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



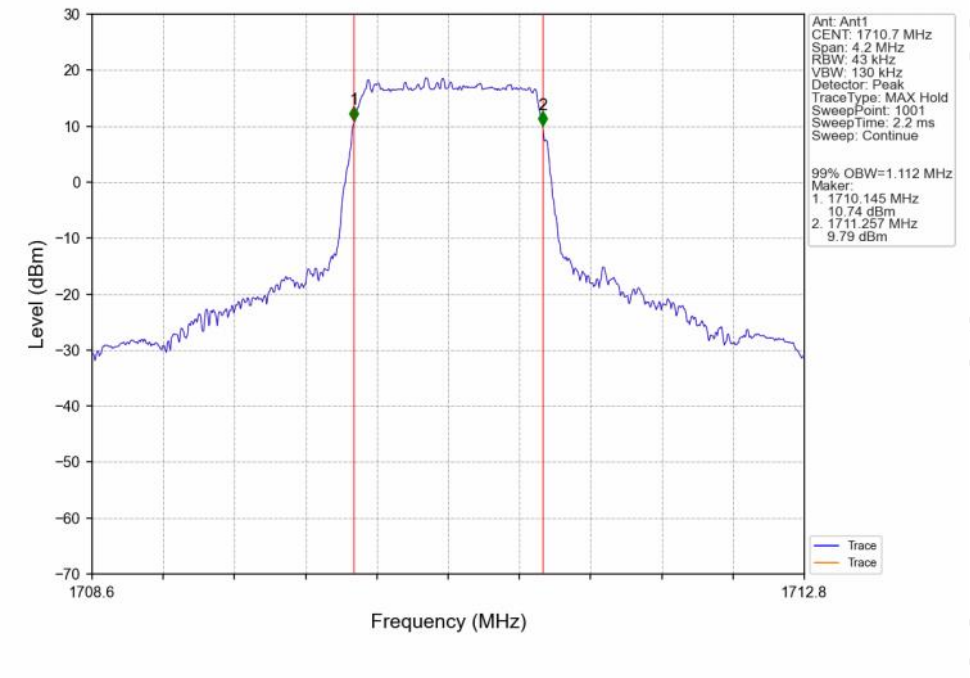
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



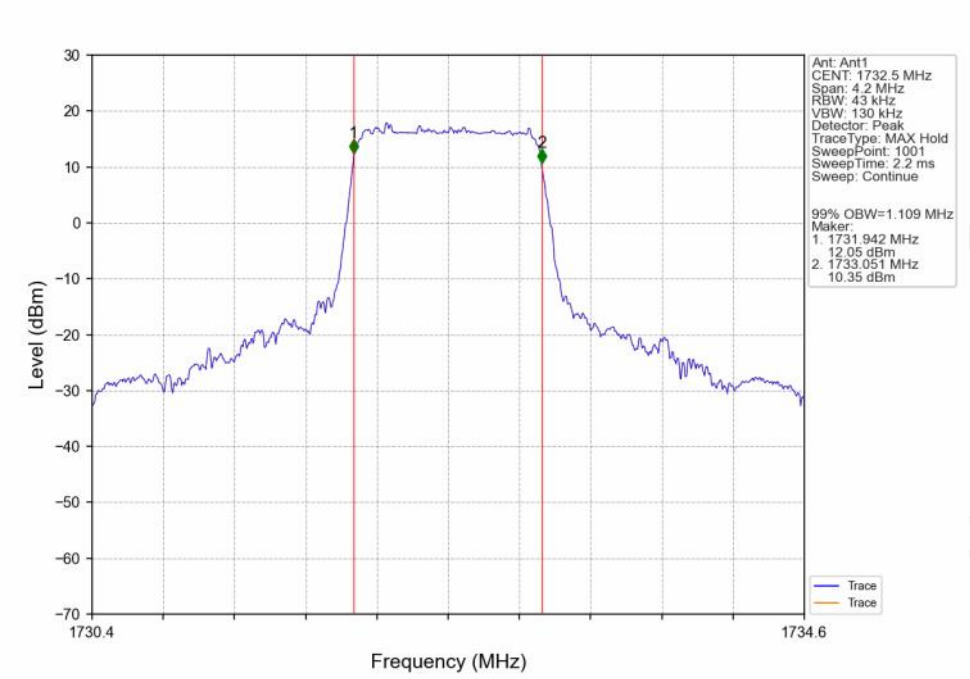
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



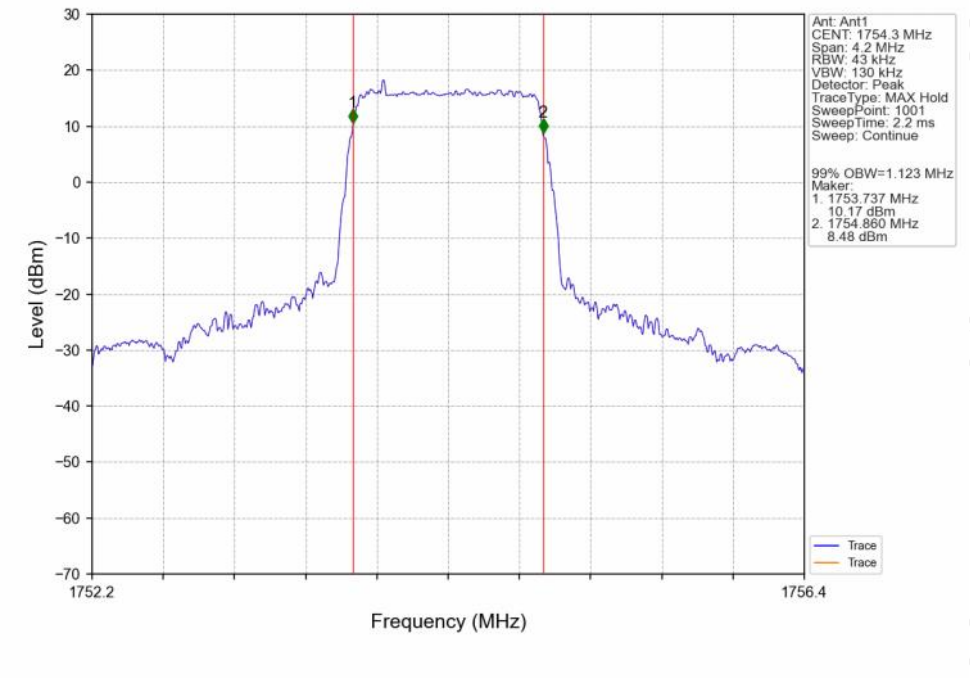
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



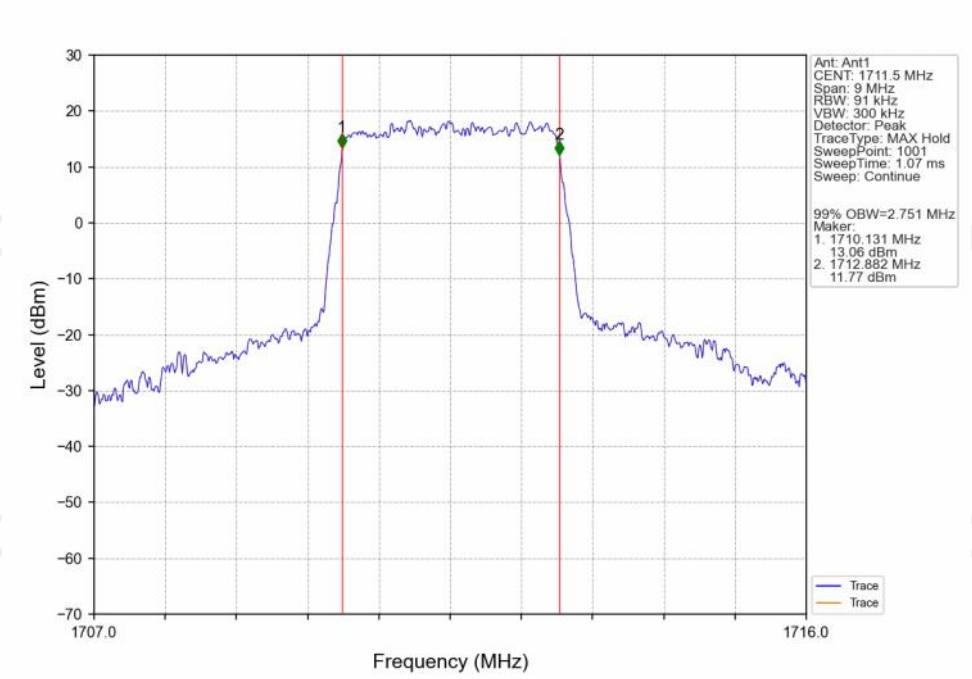
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



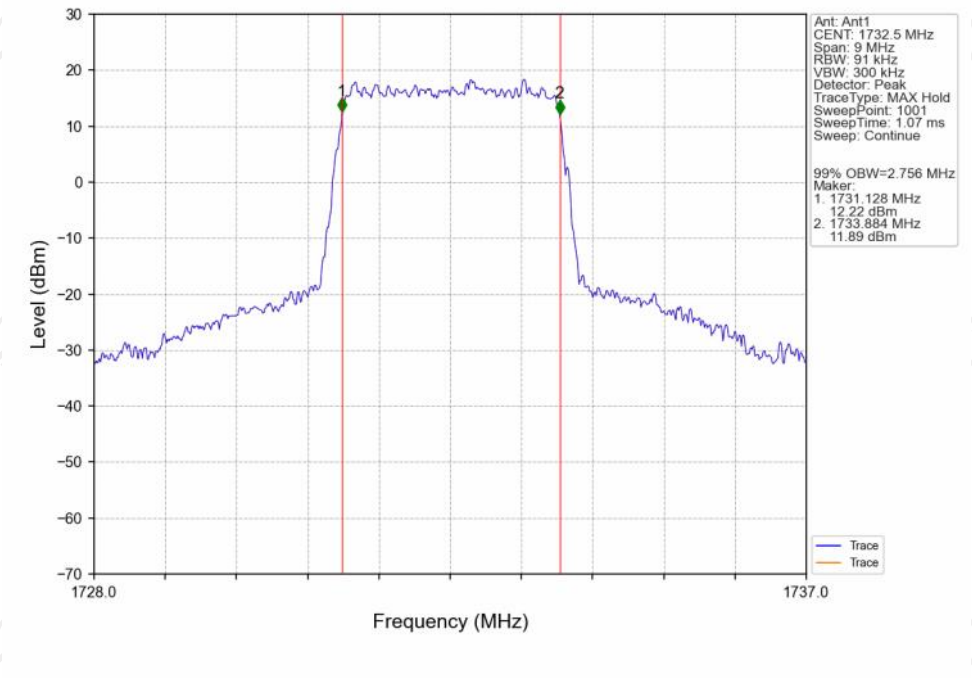
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



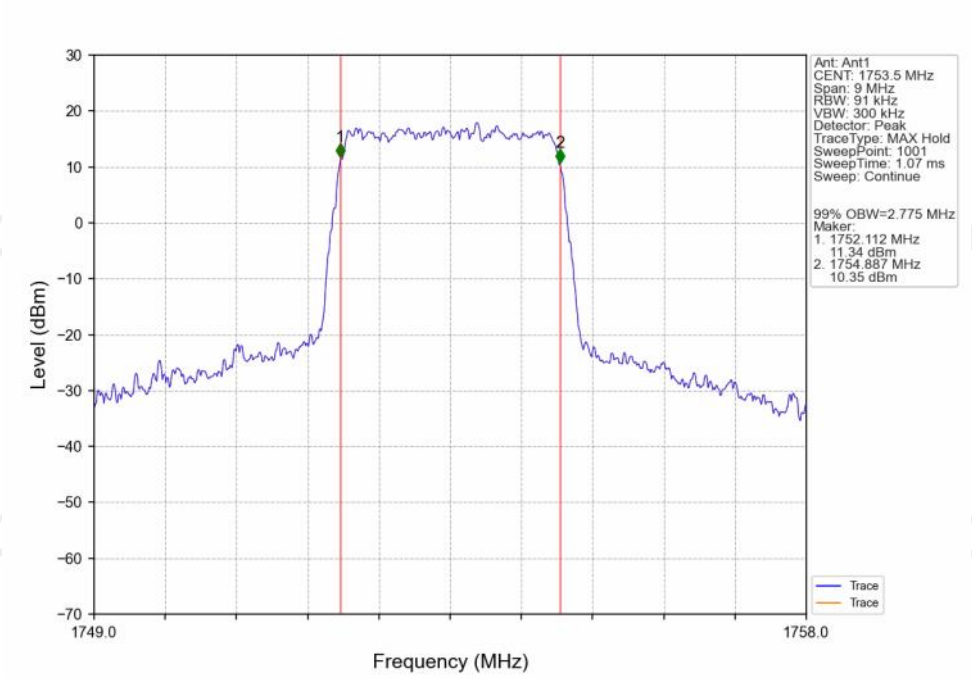
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



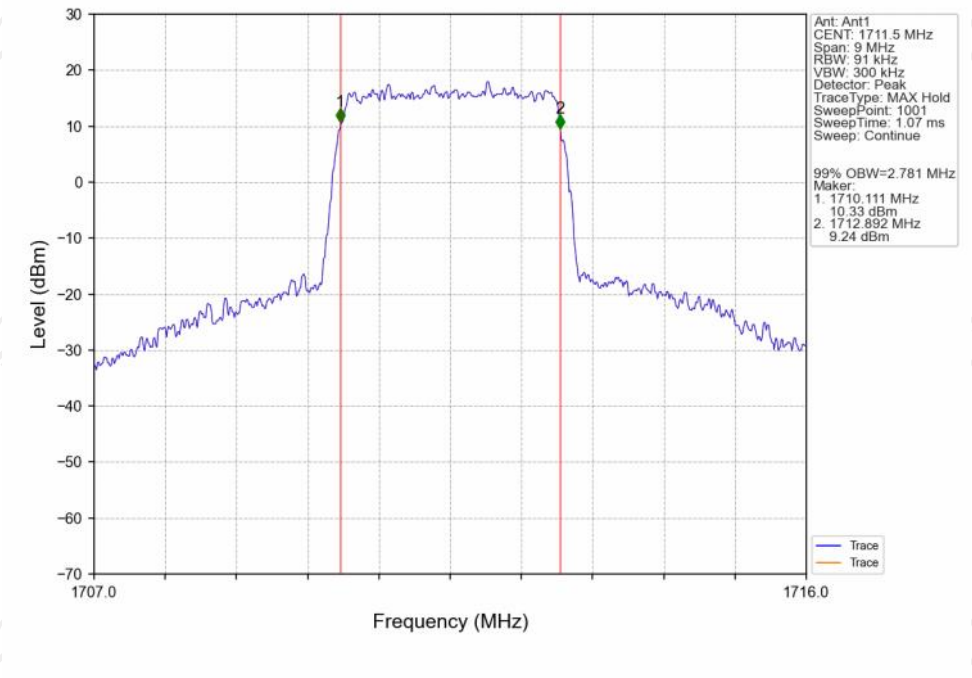
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



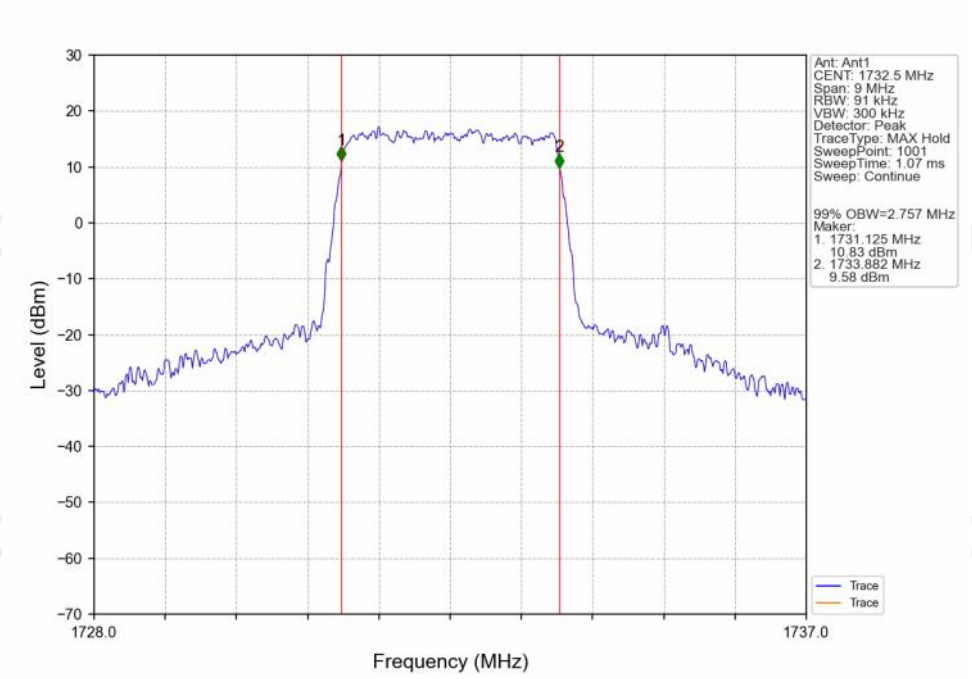
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



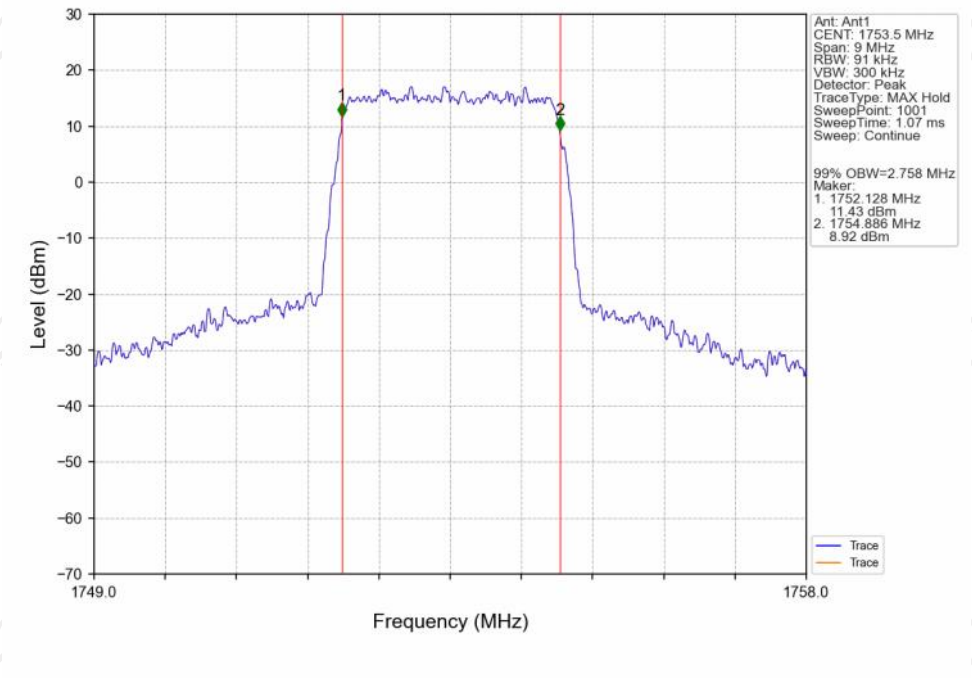
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



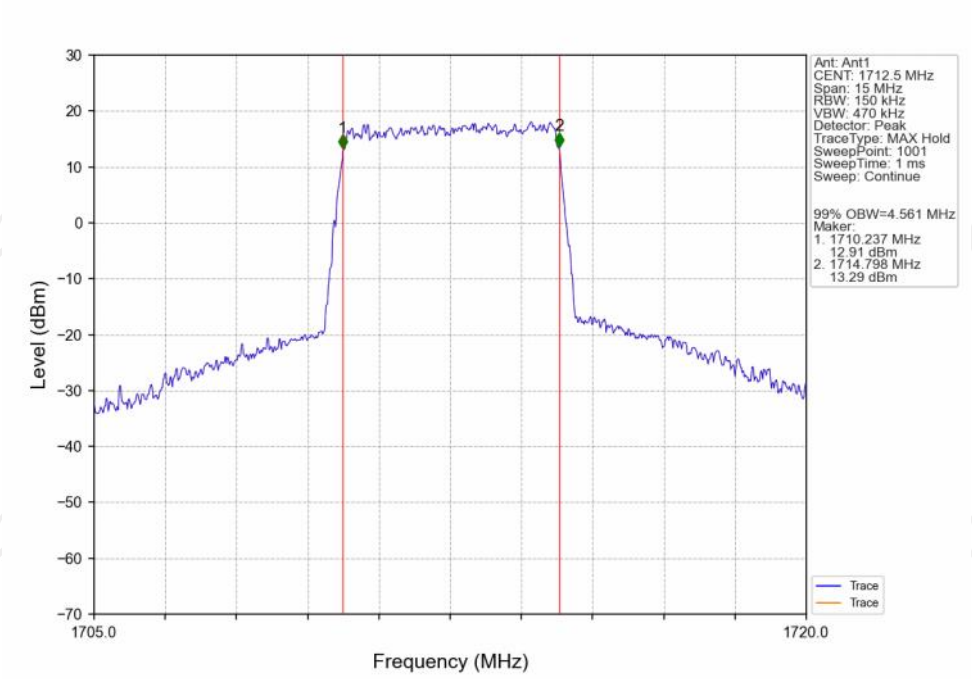
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



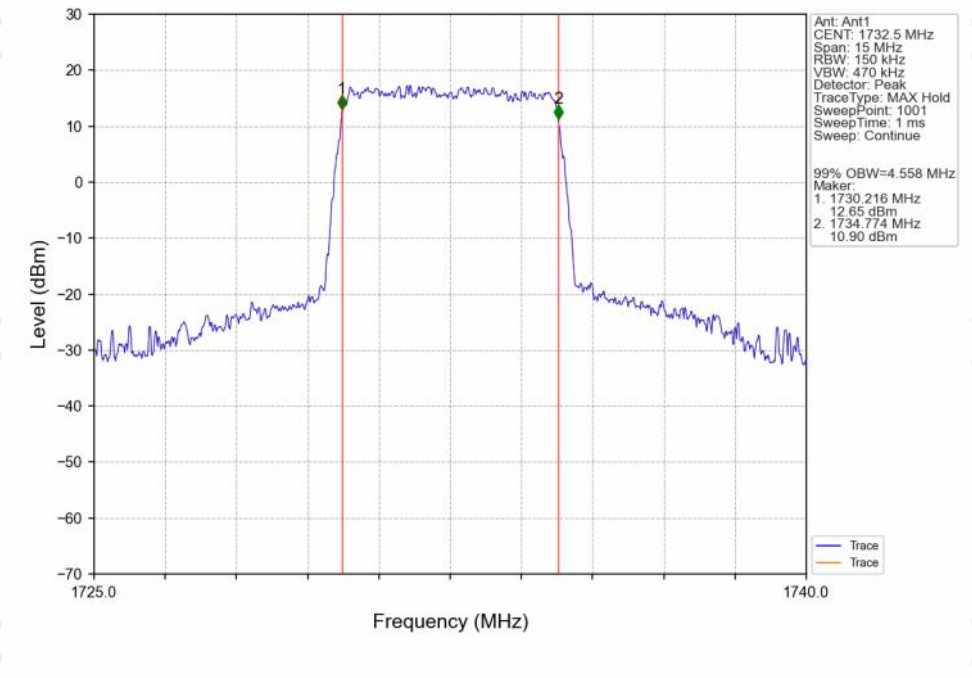
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



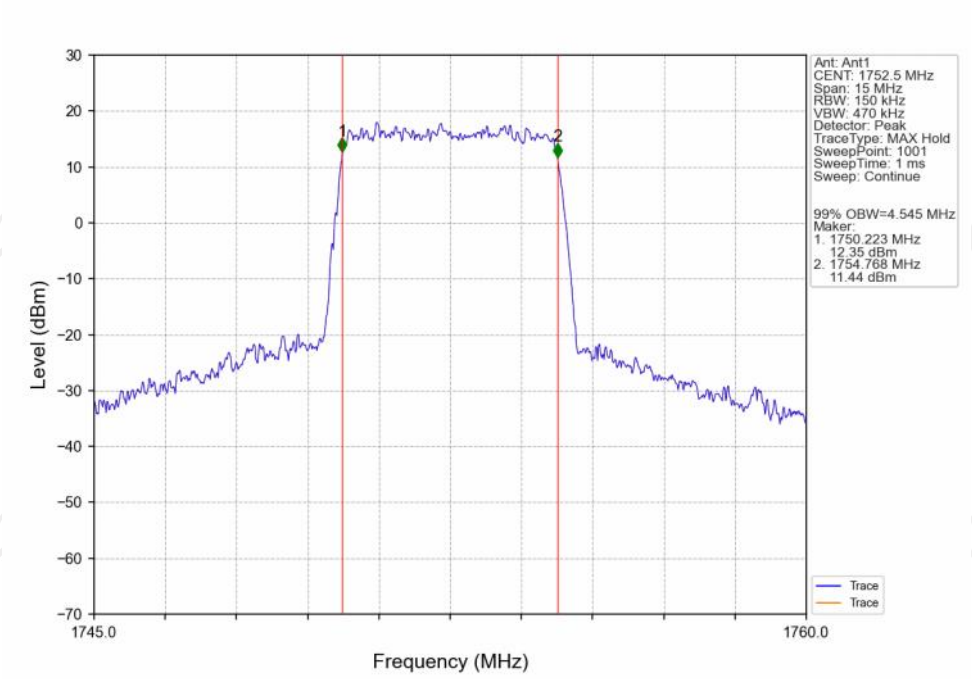
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



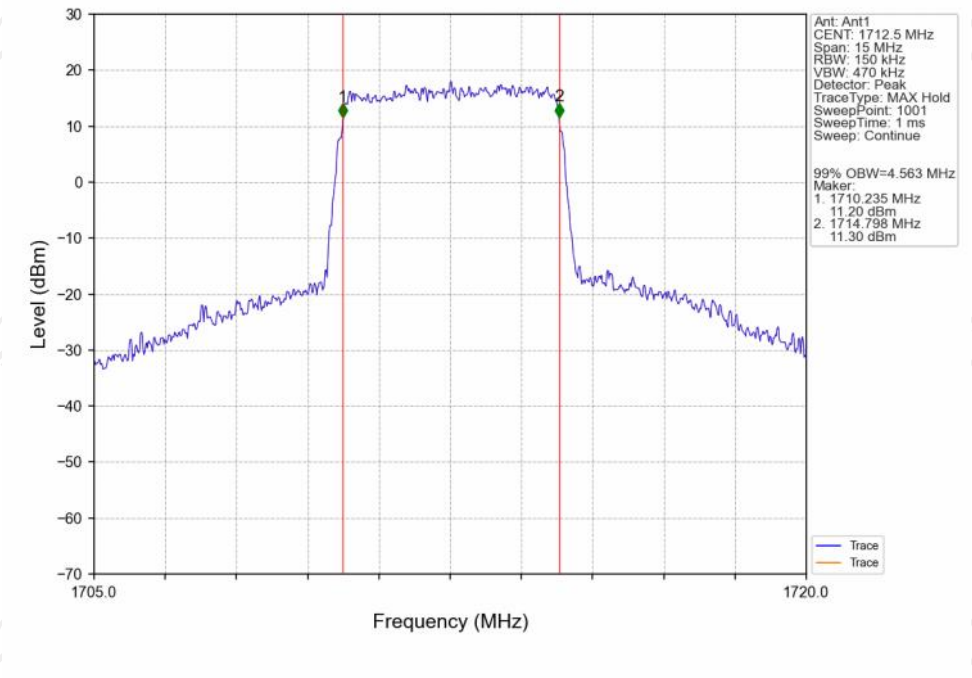
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



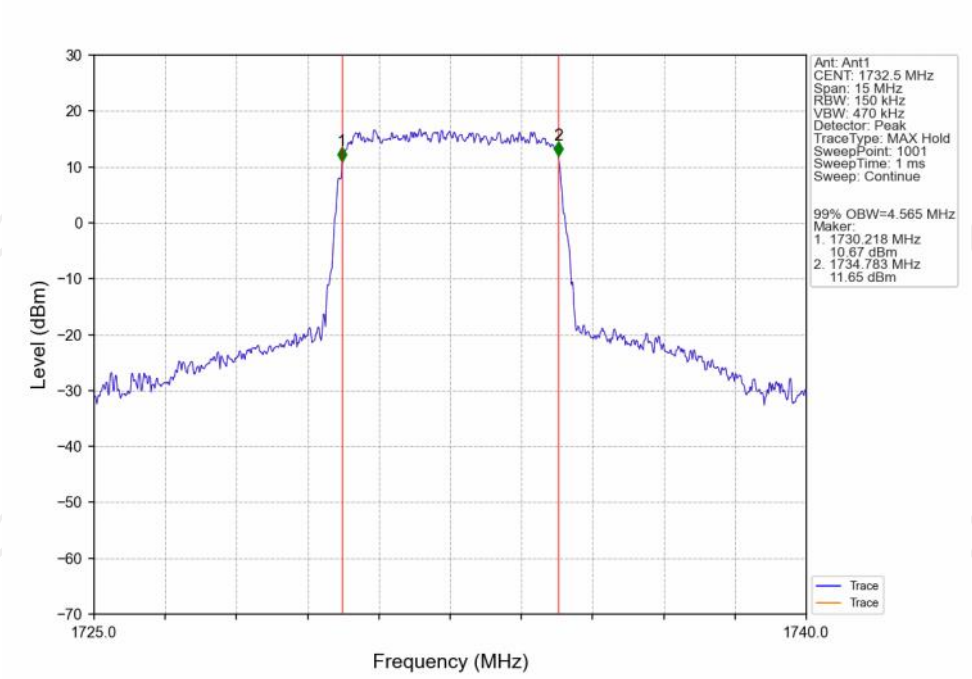
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



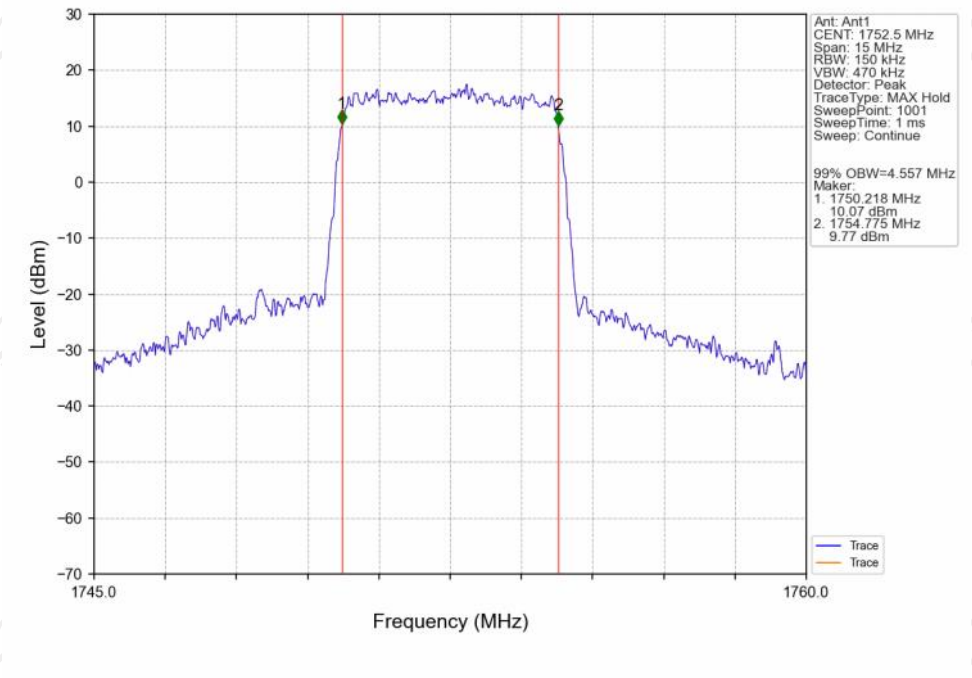
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



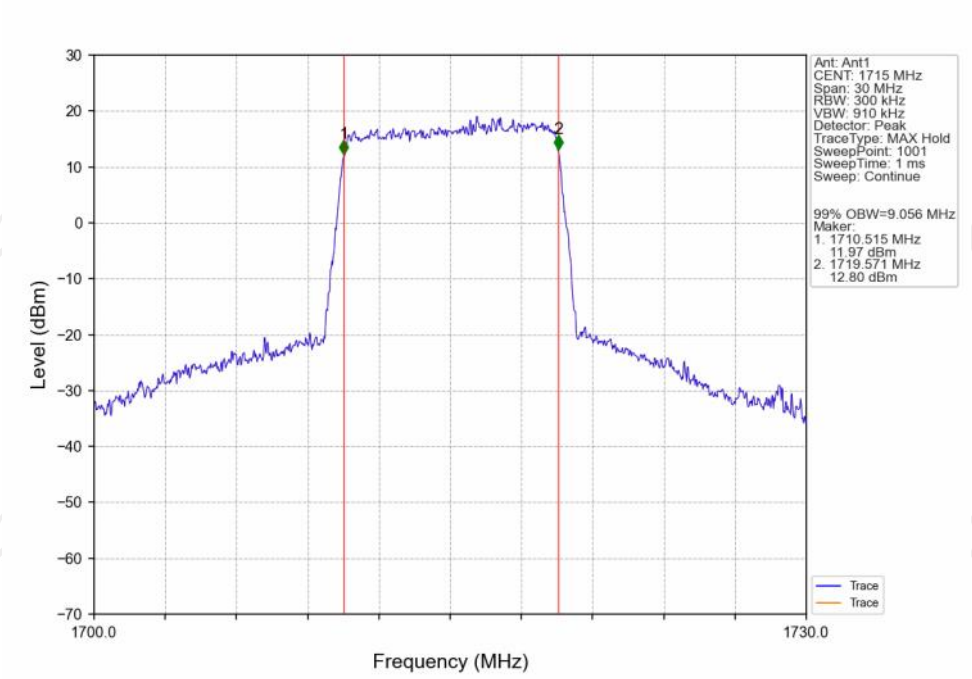
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



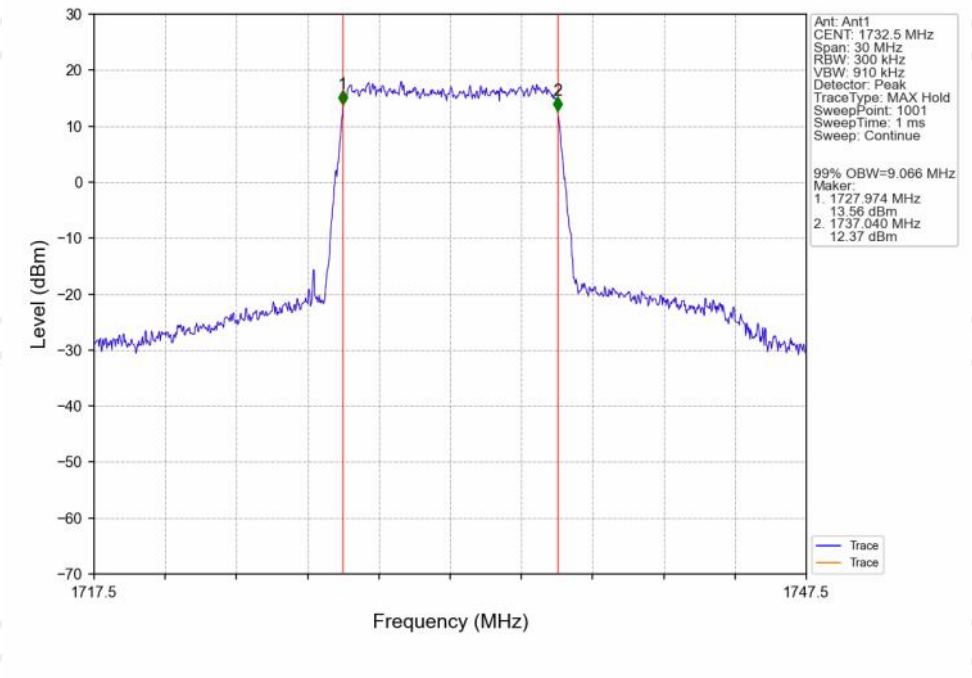
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



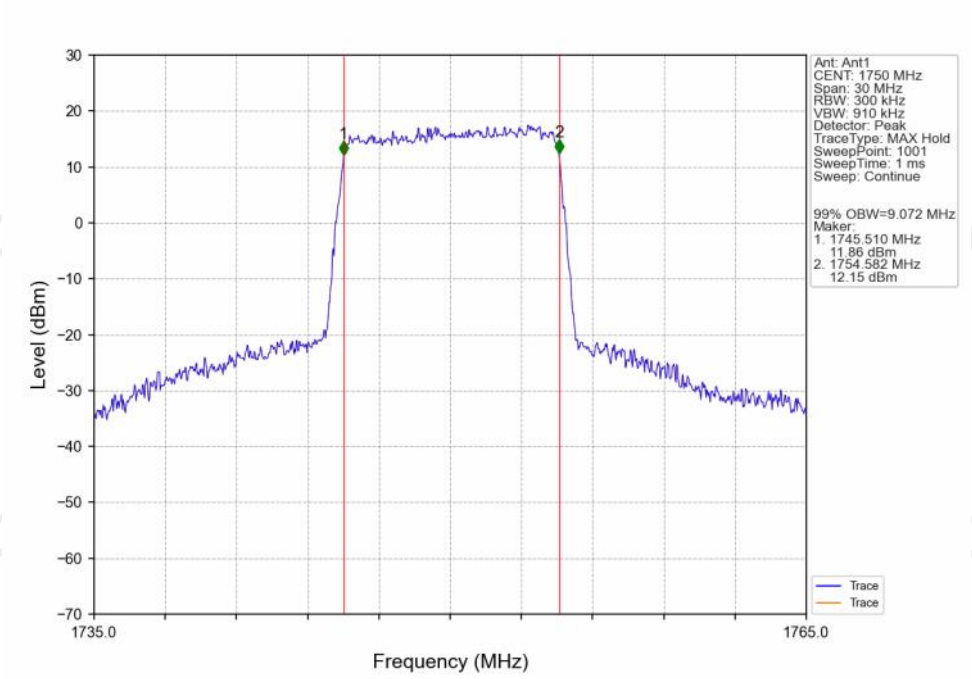
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



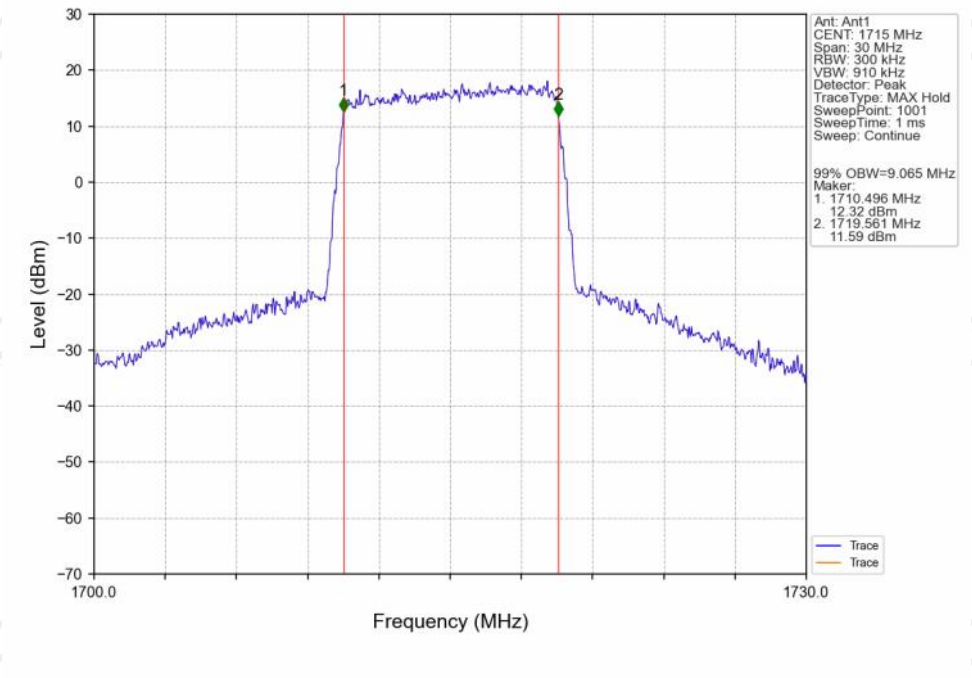
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



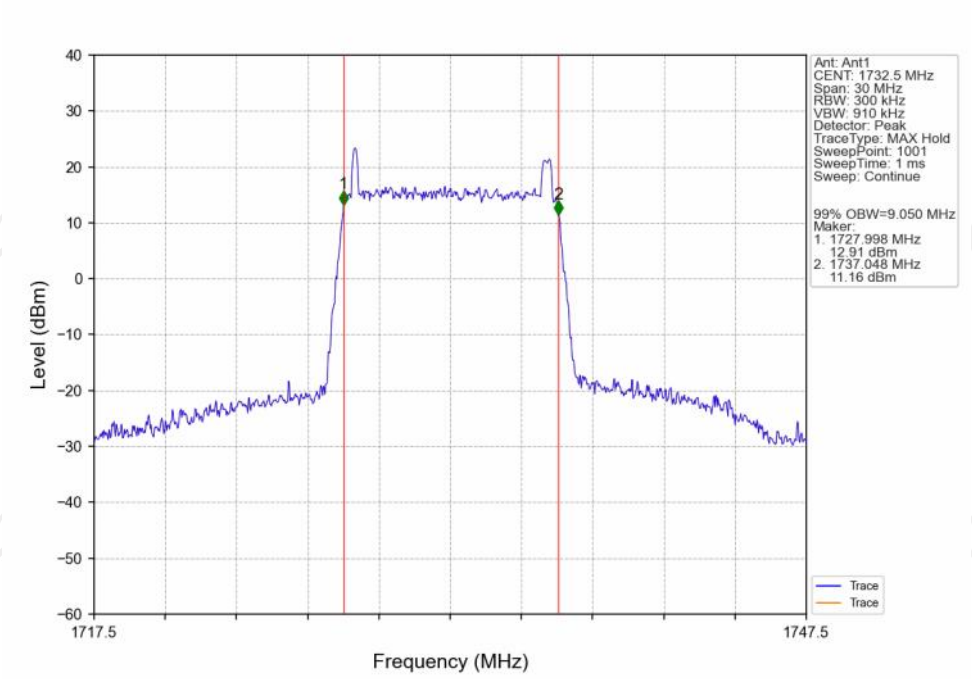
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



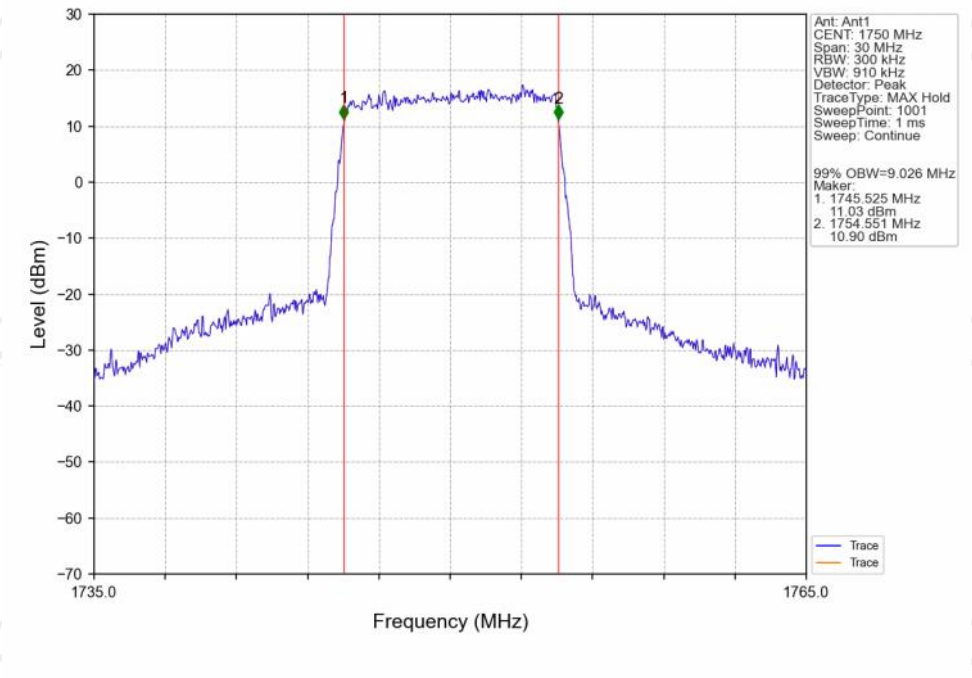
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



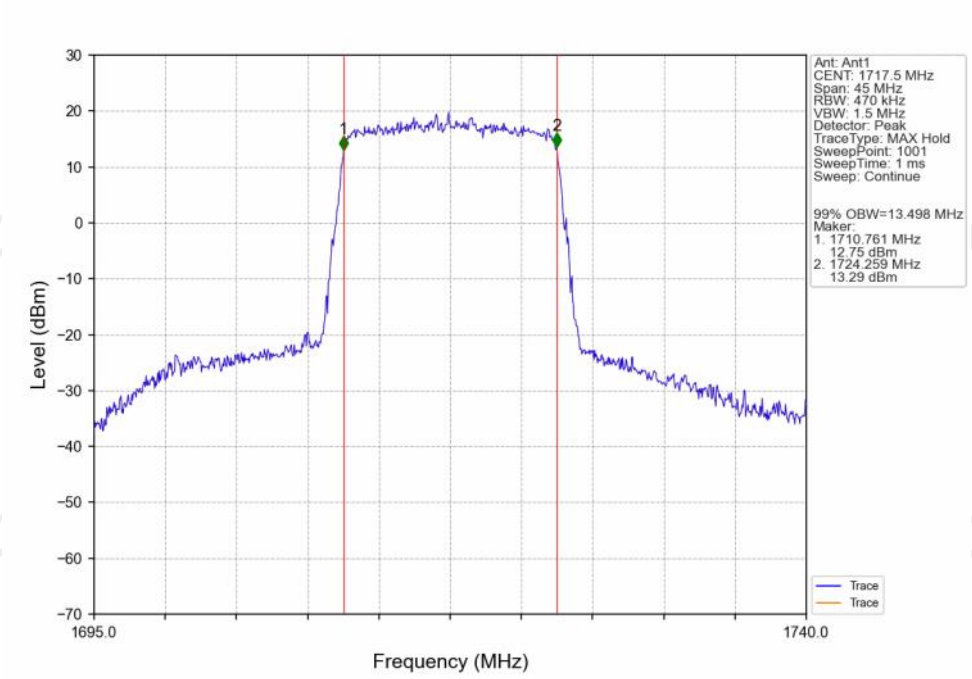
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



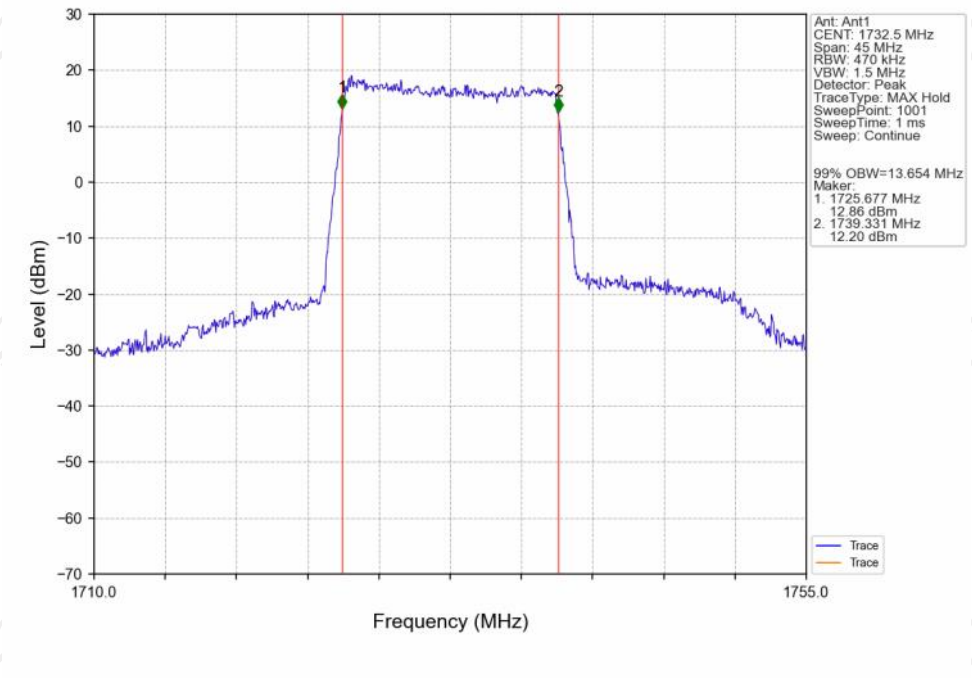
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



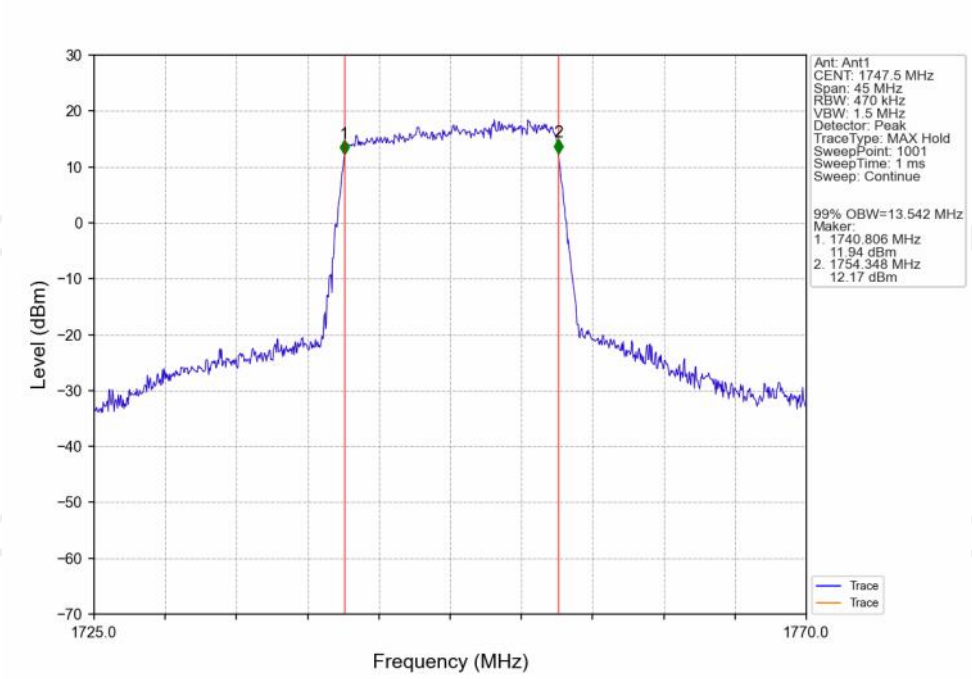
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



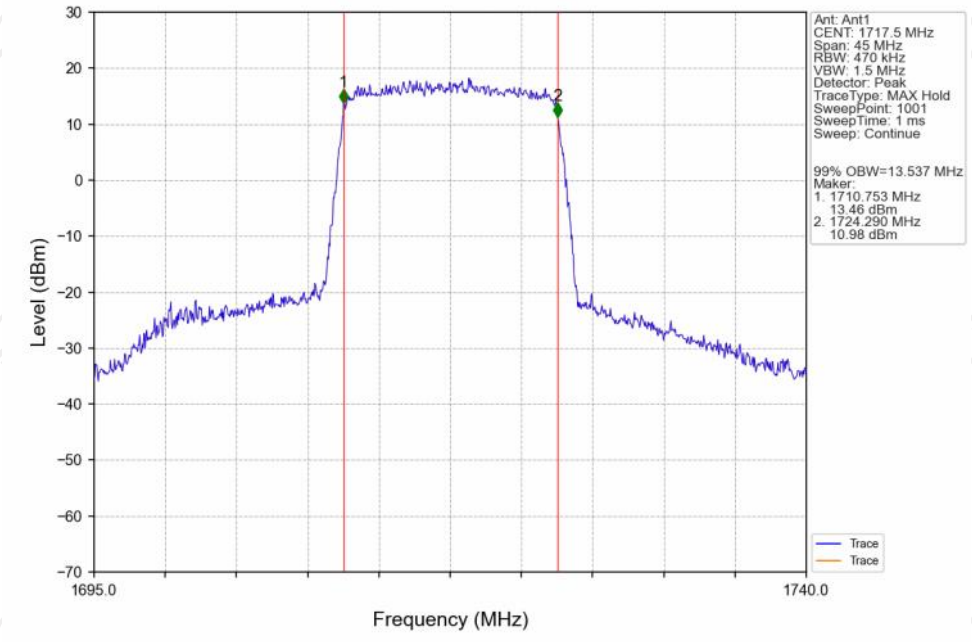
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



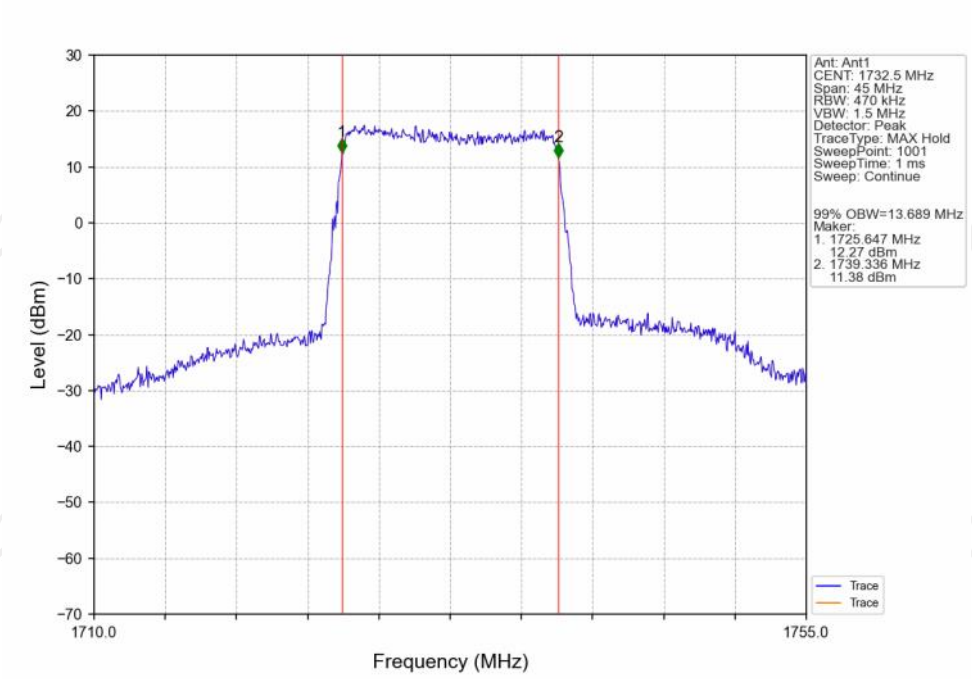
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



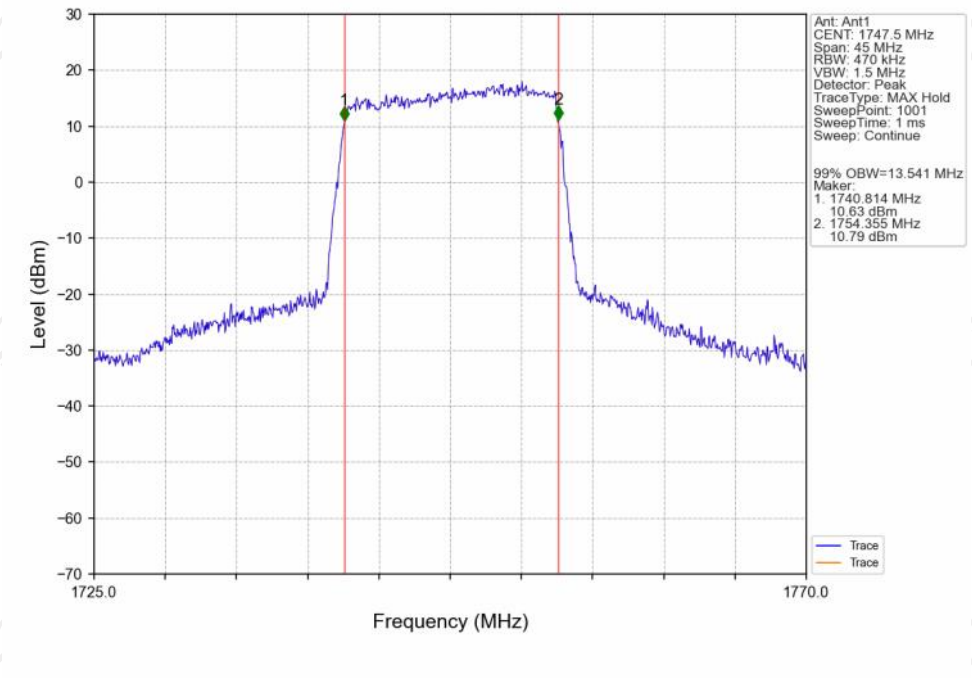
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



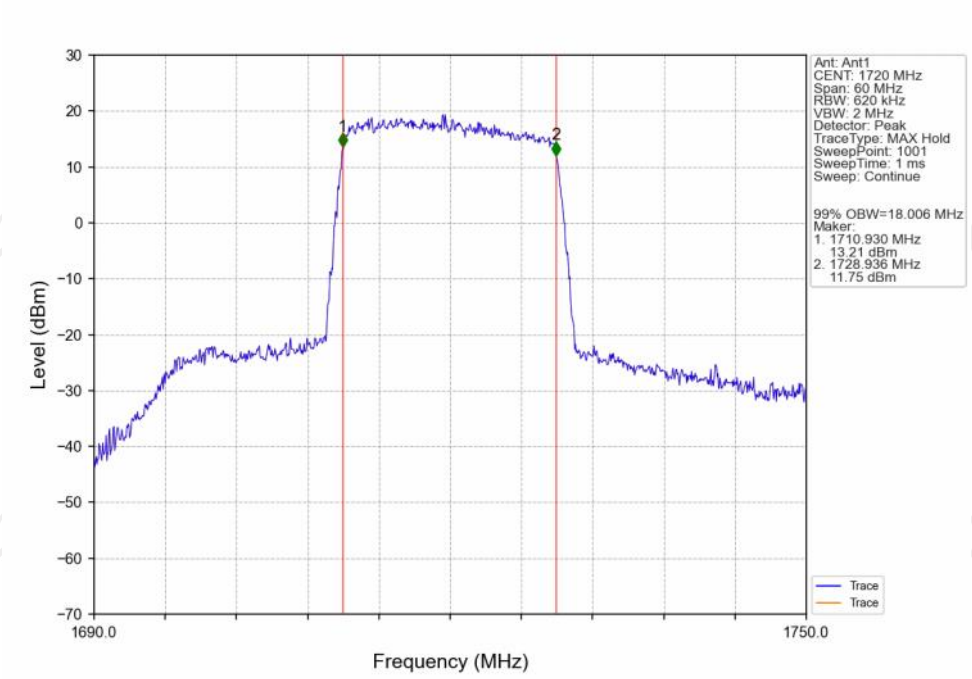
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



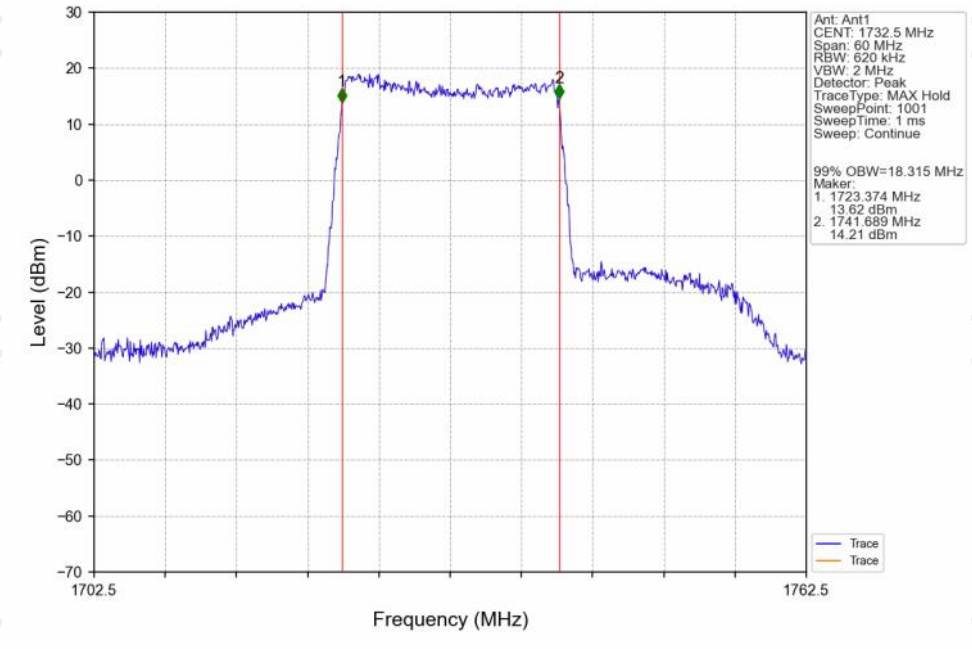
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



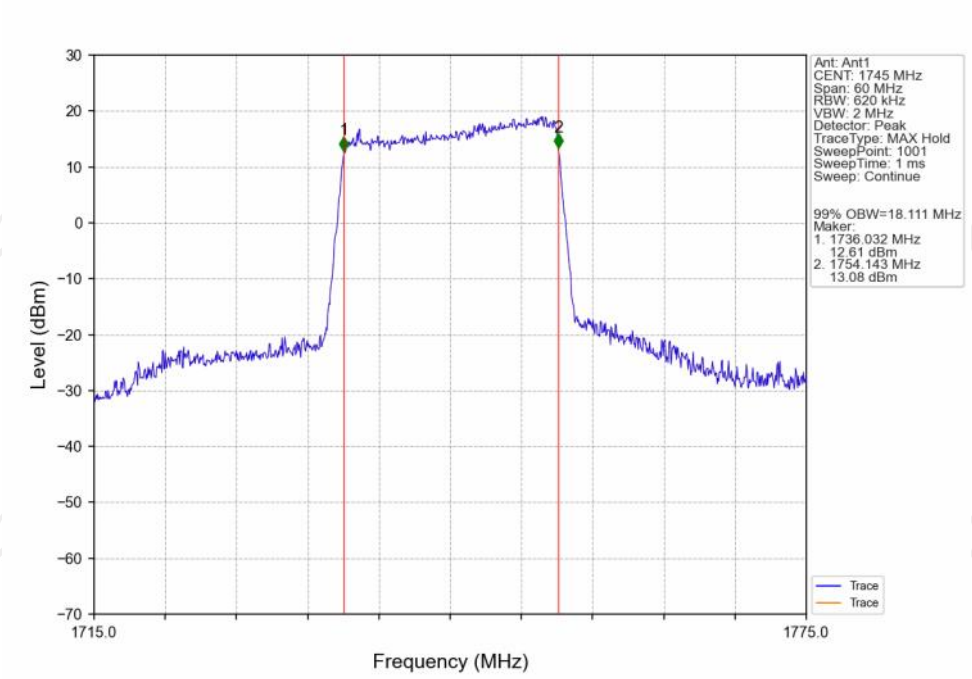
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



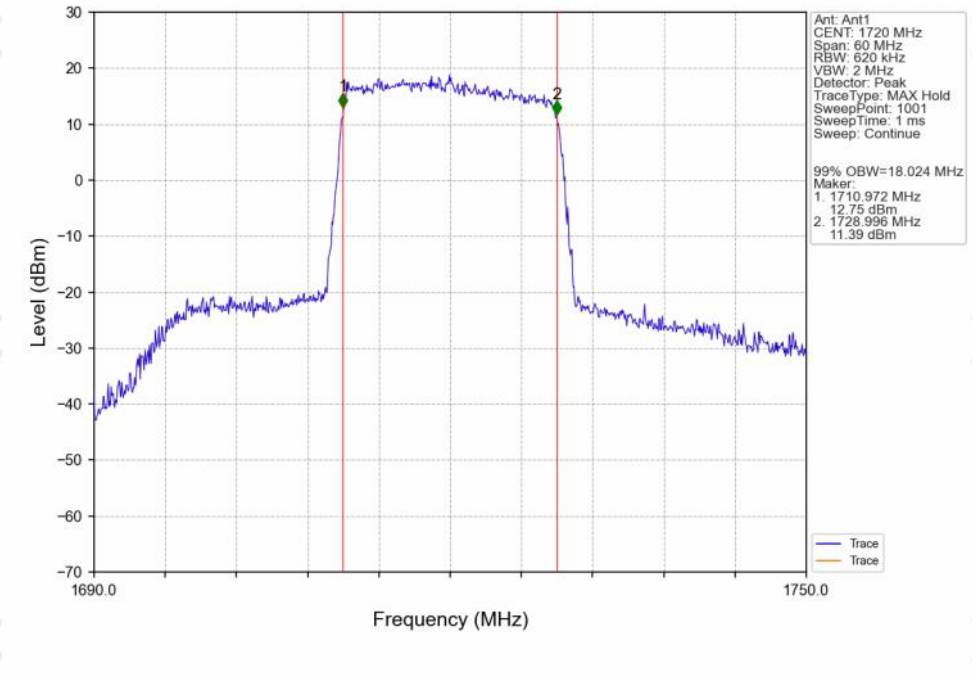
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



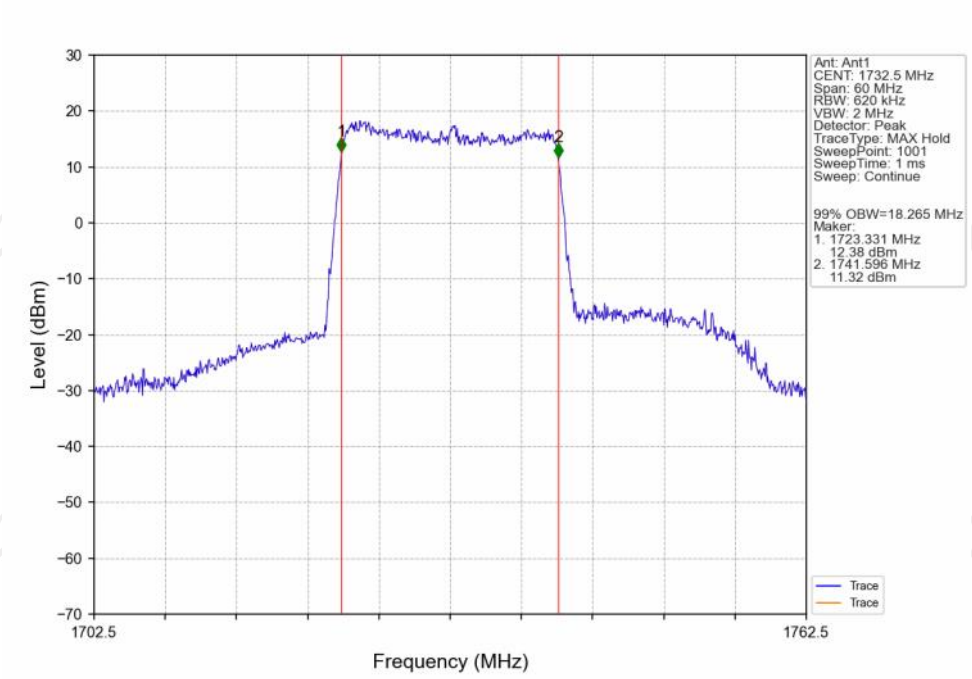
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



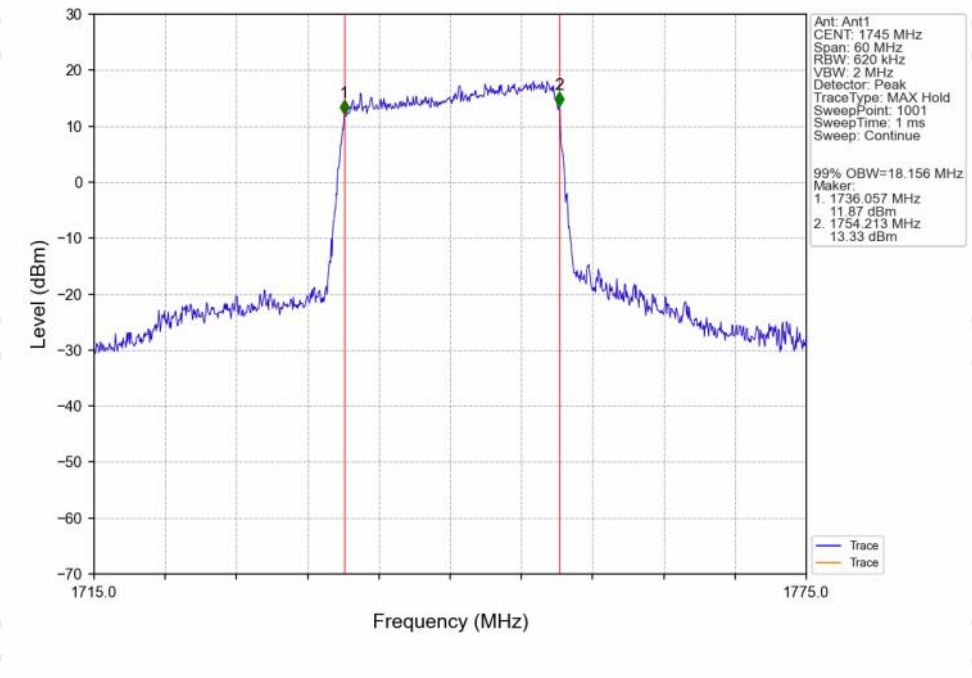
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

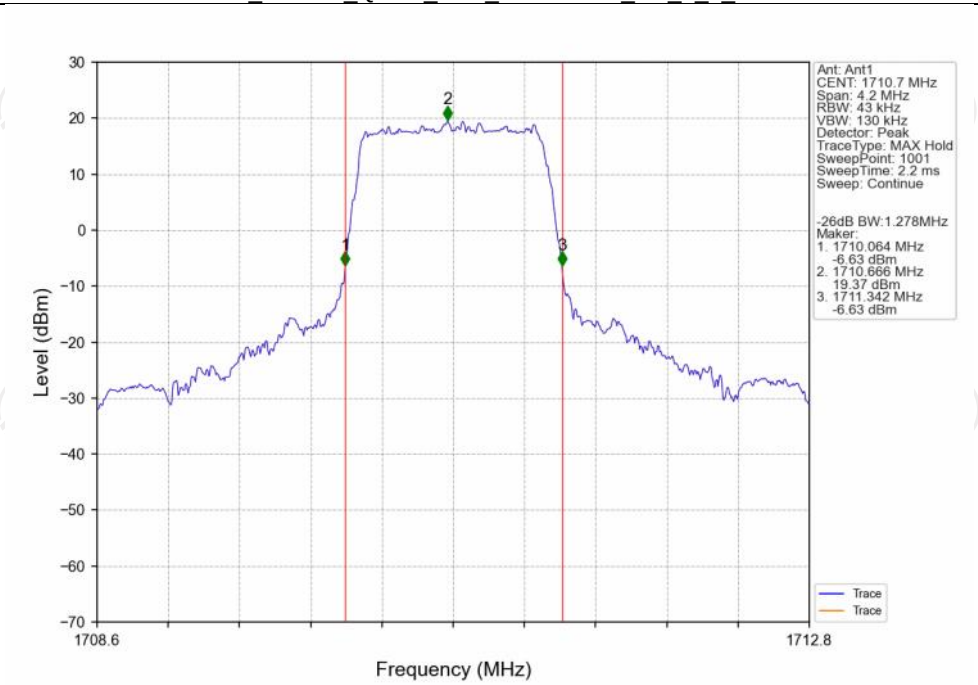


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

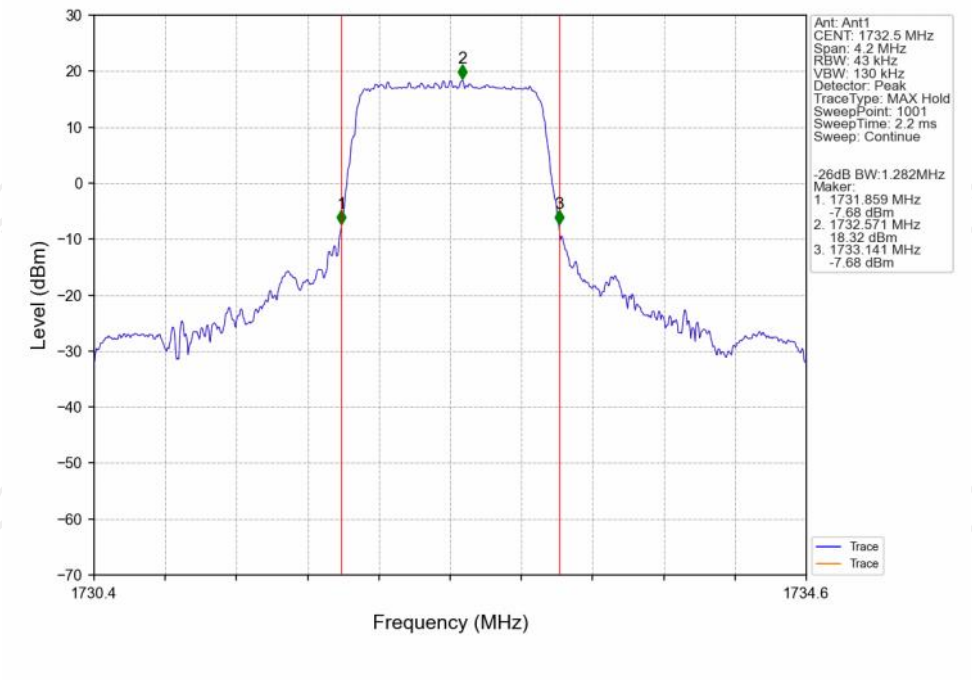


4.2.2 Band4_XDB

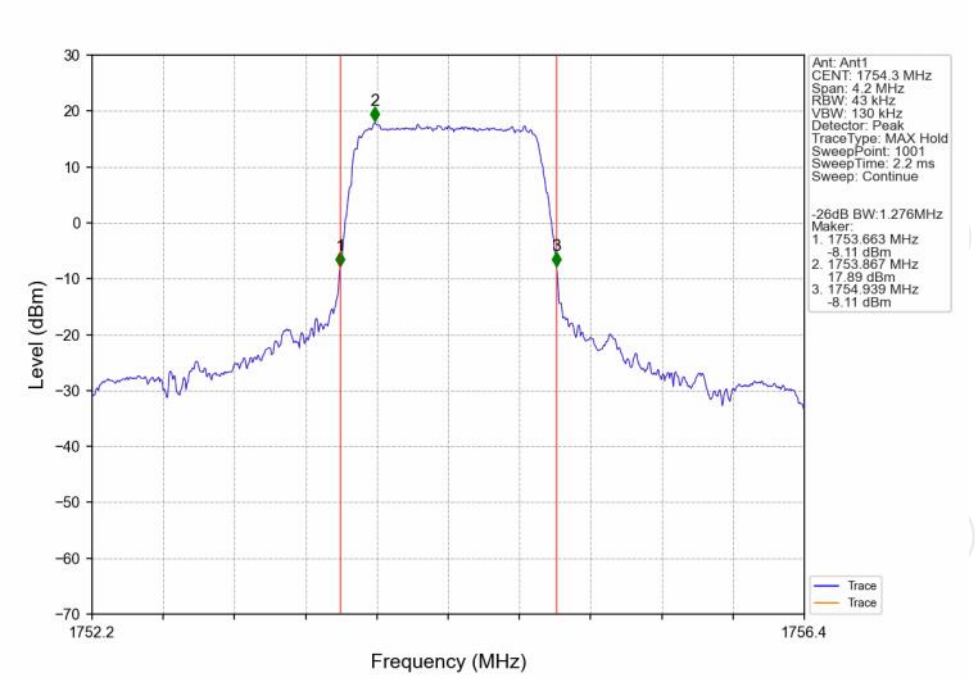
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



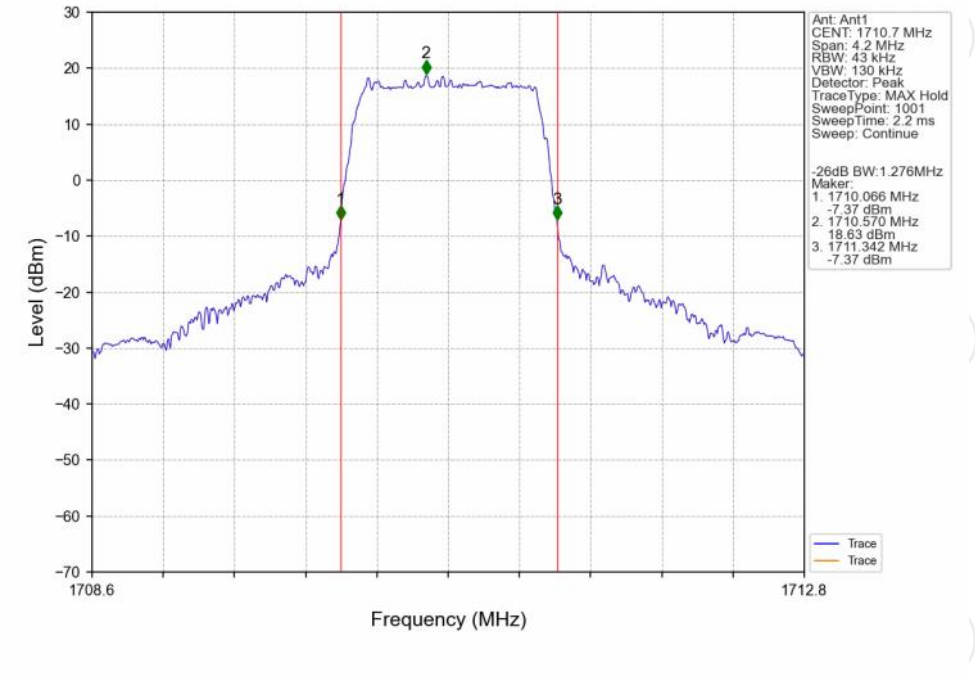
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



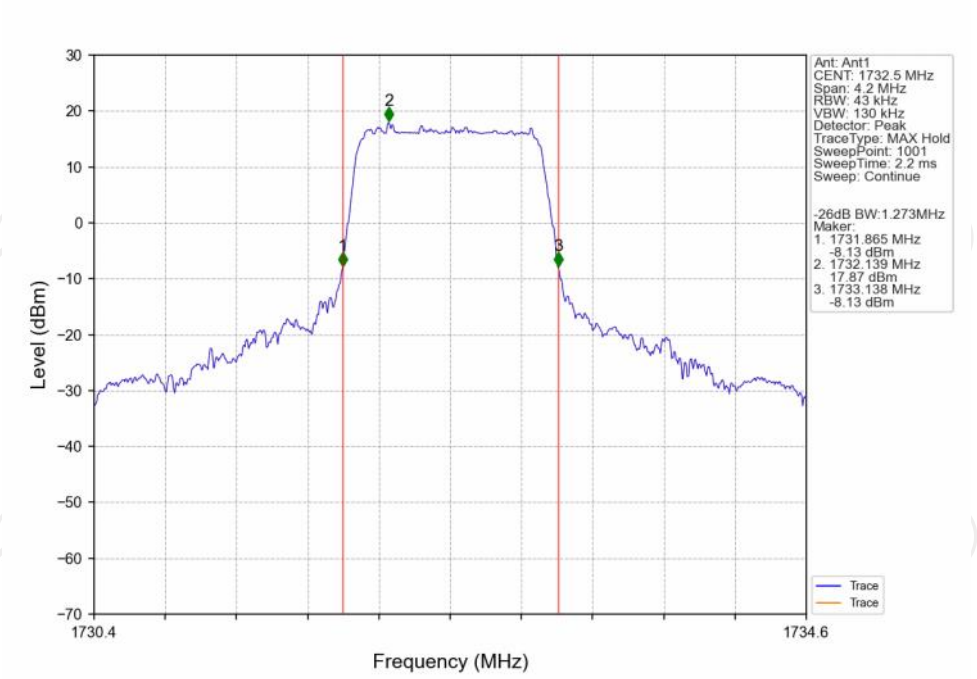
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



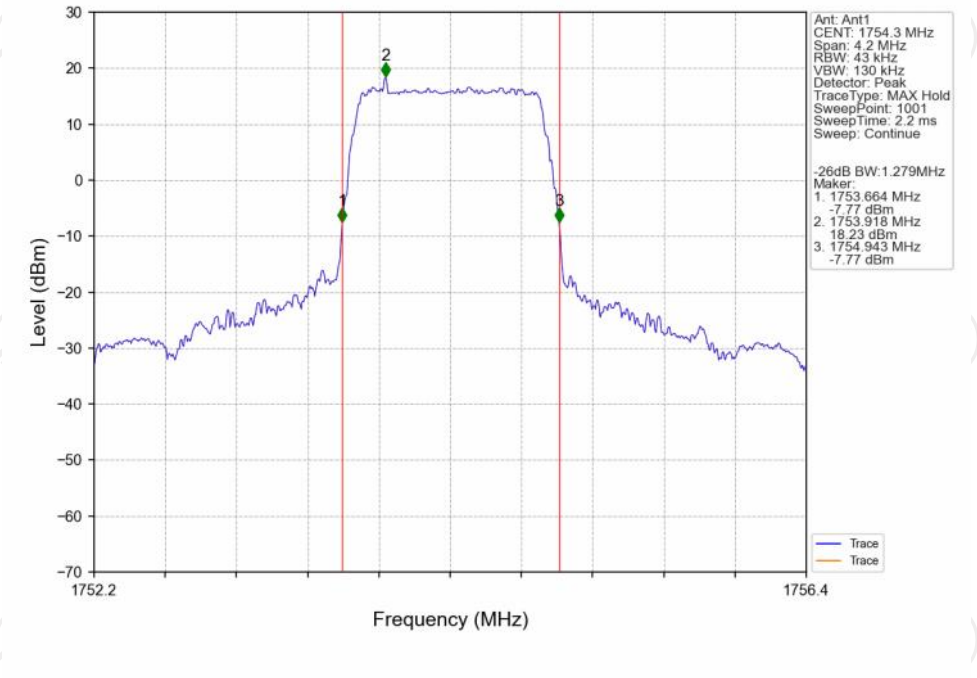
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



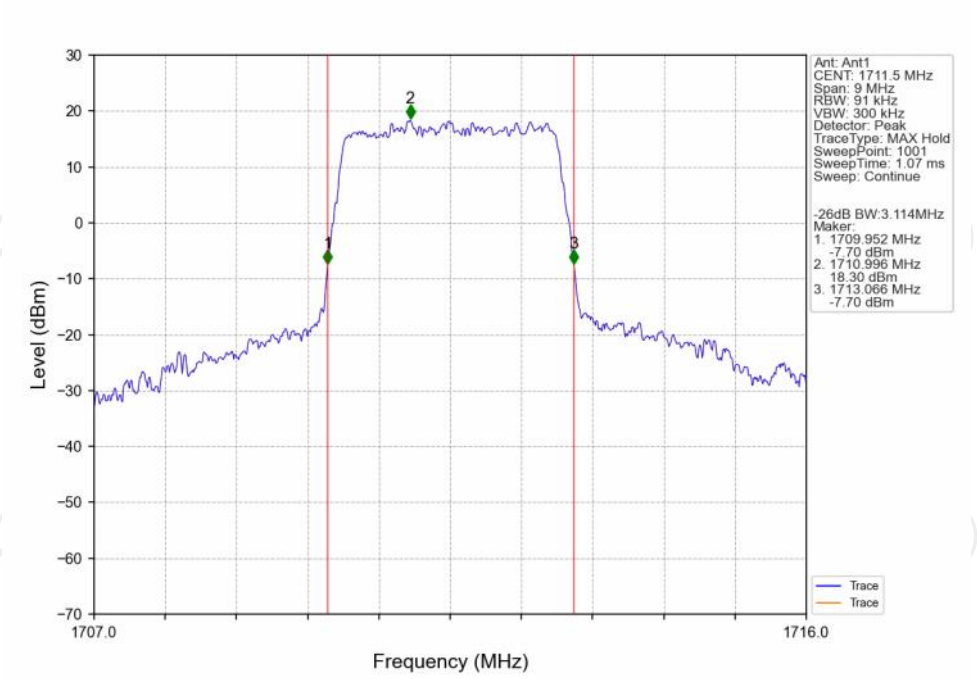
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



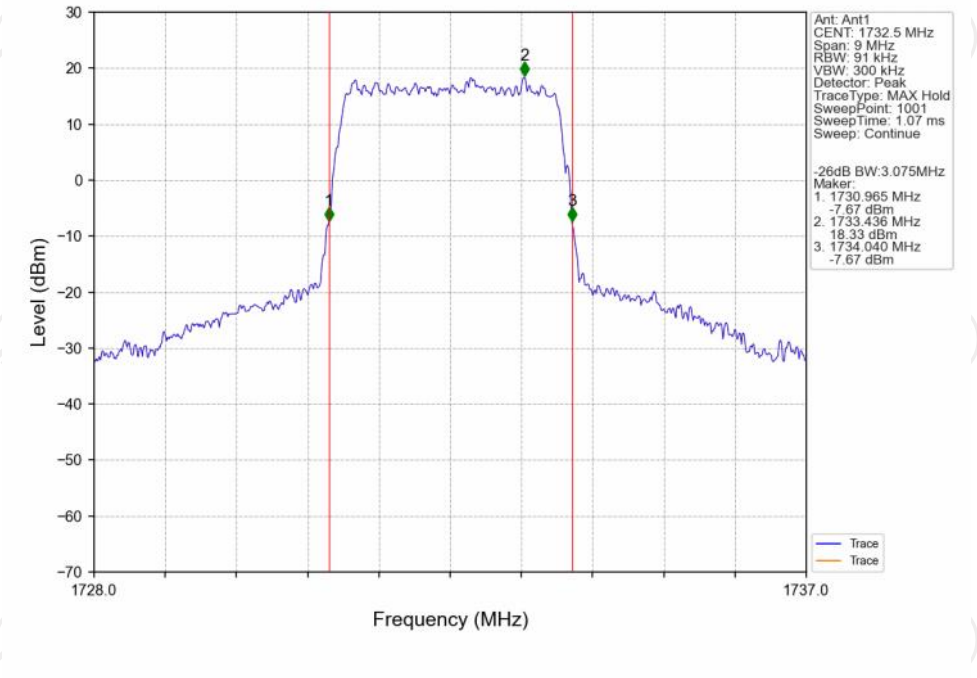
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



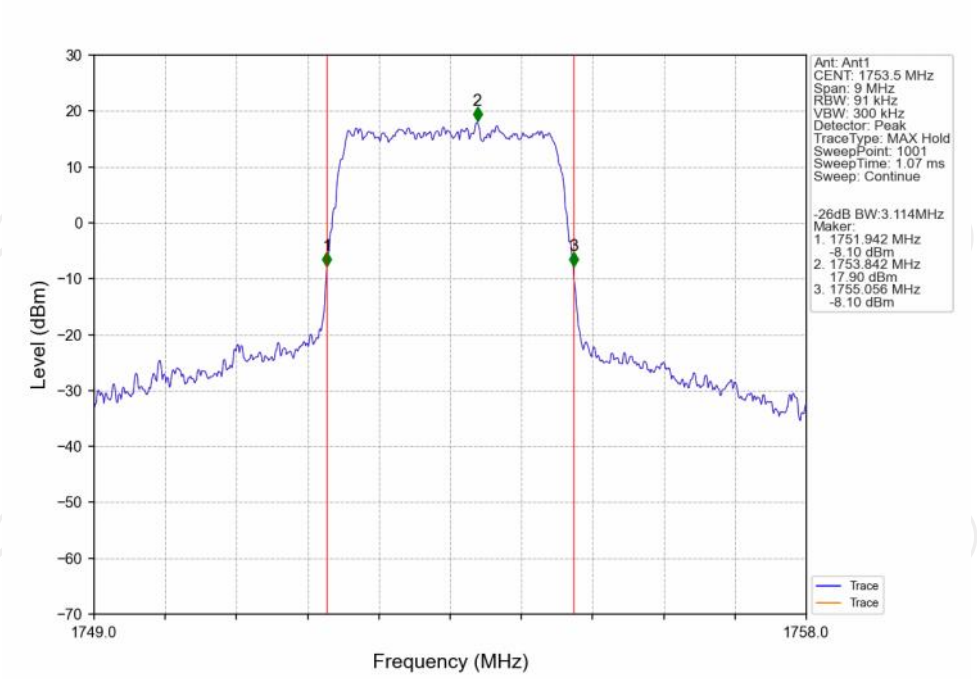
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



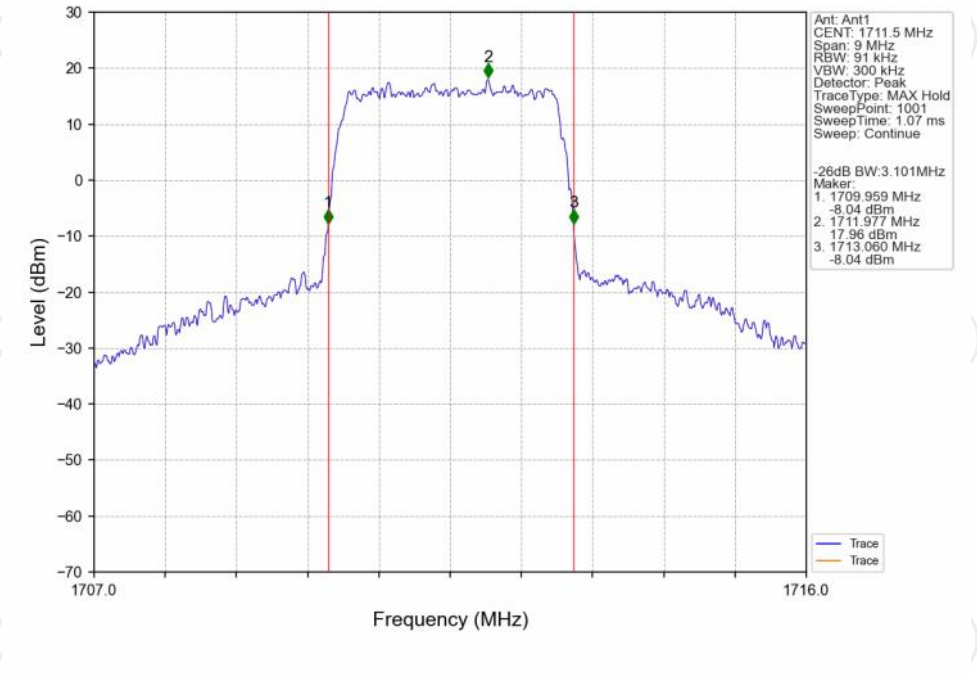
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



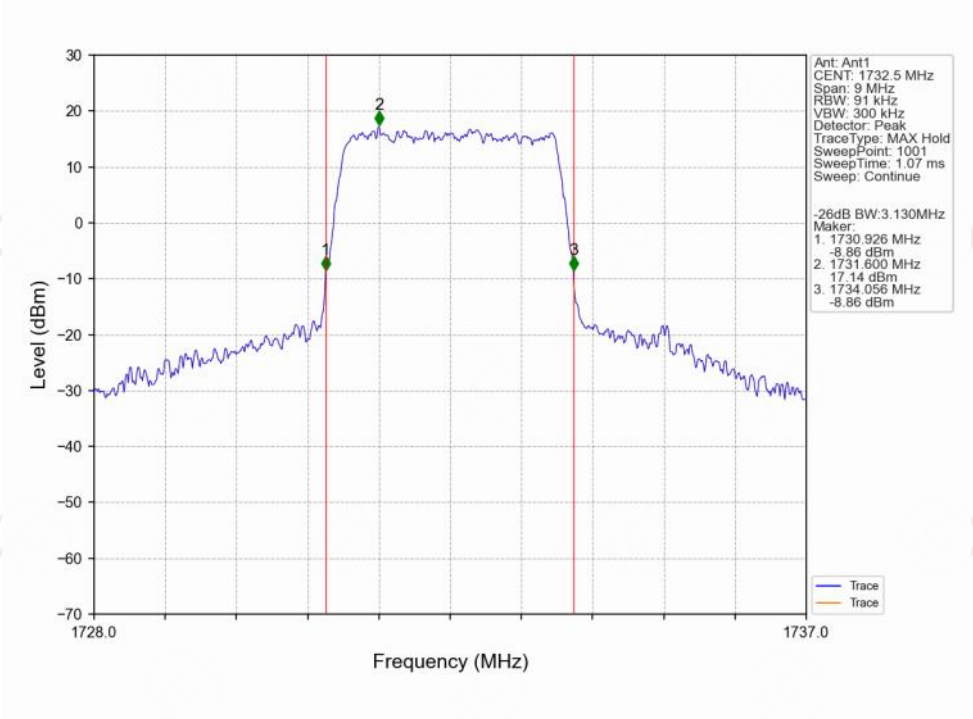
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



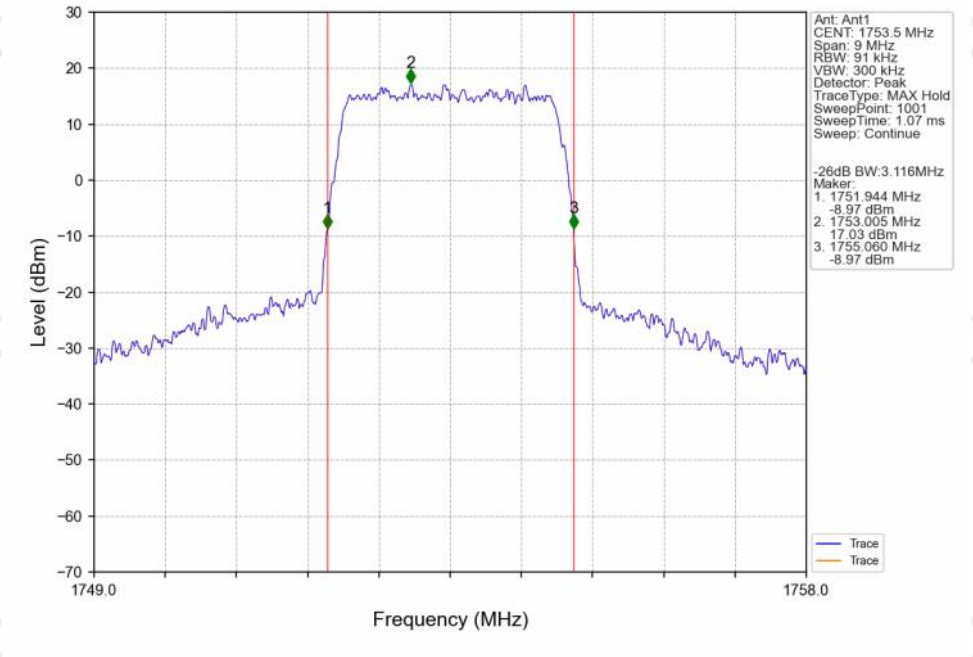
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



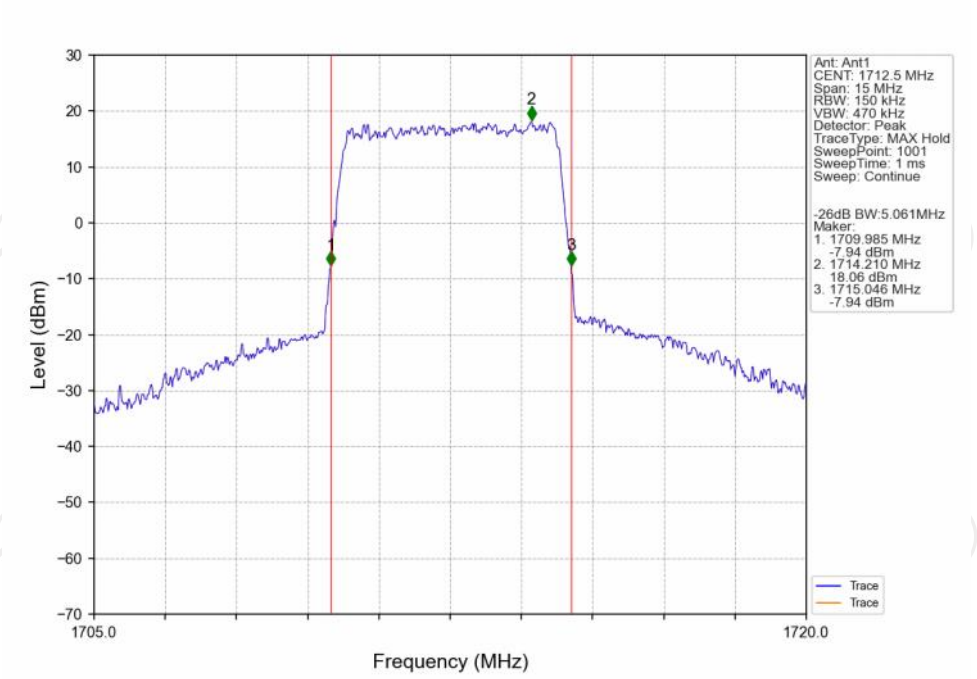
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



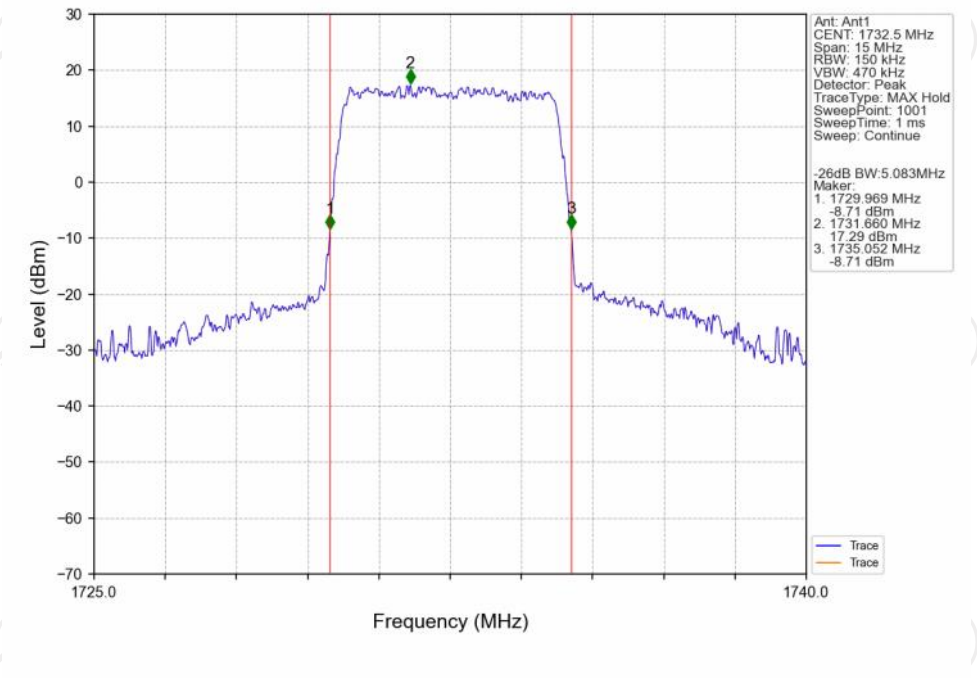
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



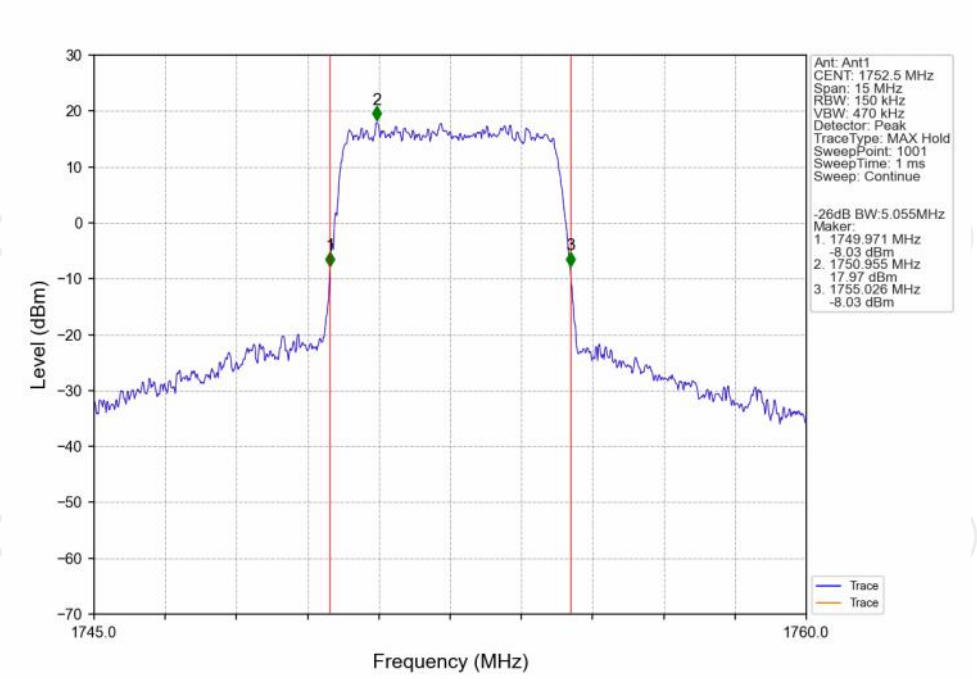
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



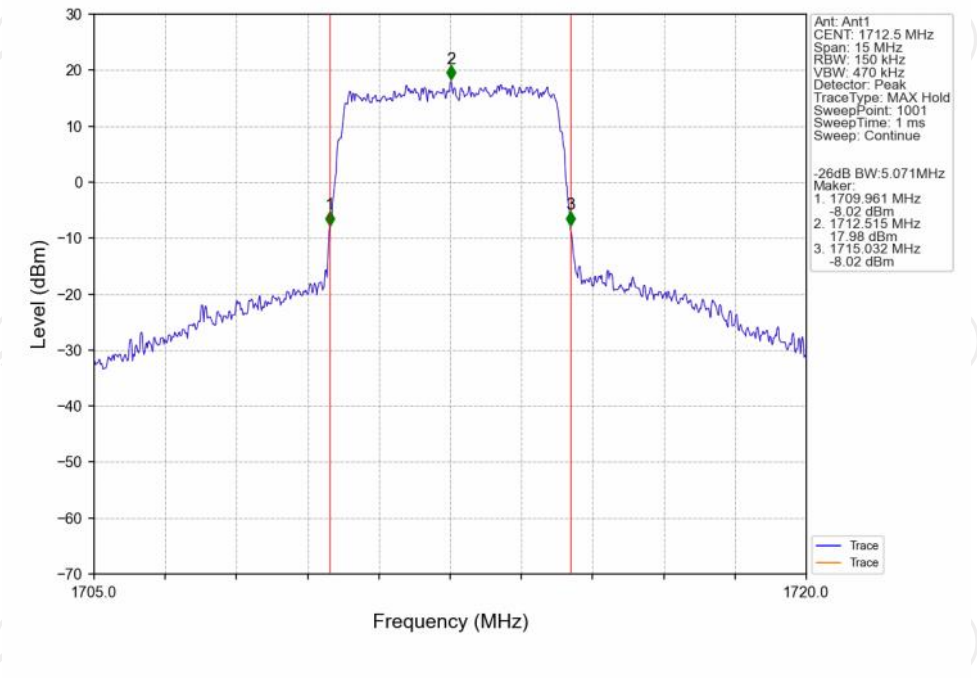
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



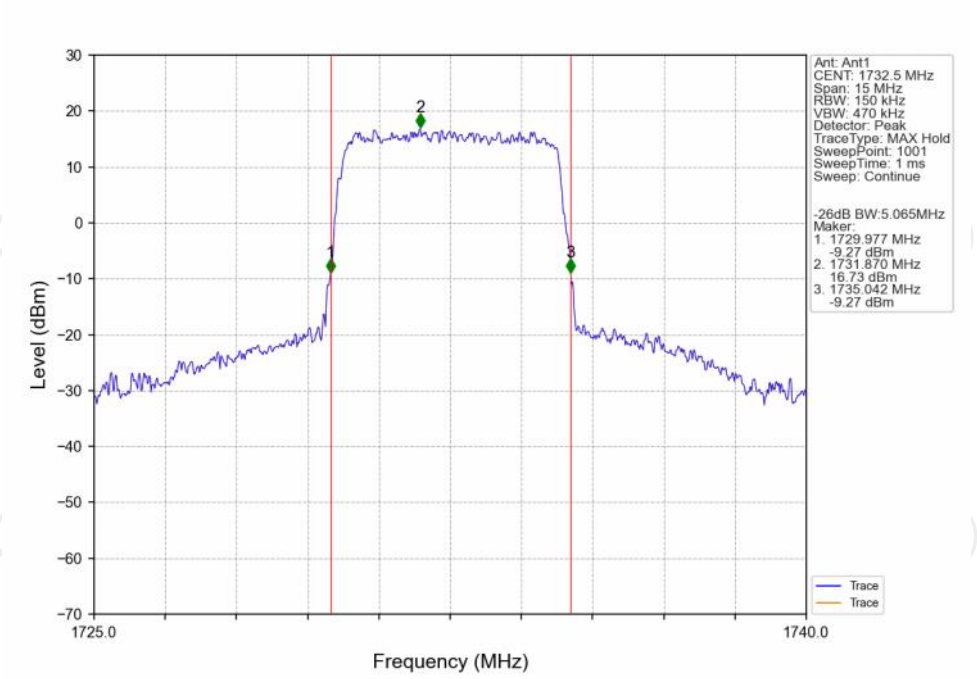
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



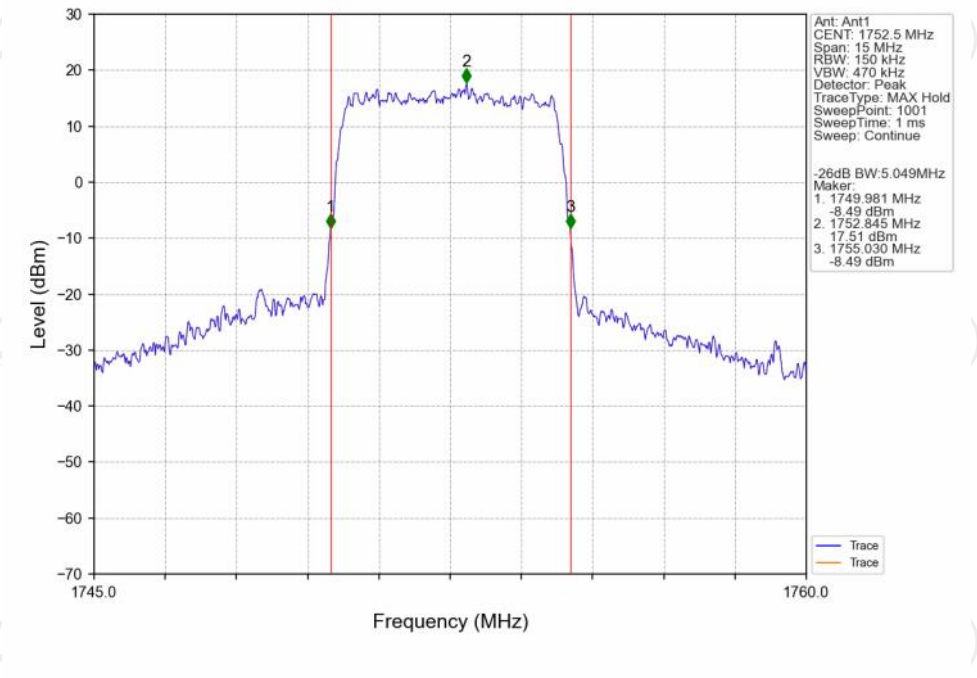
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



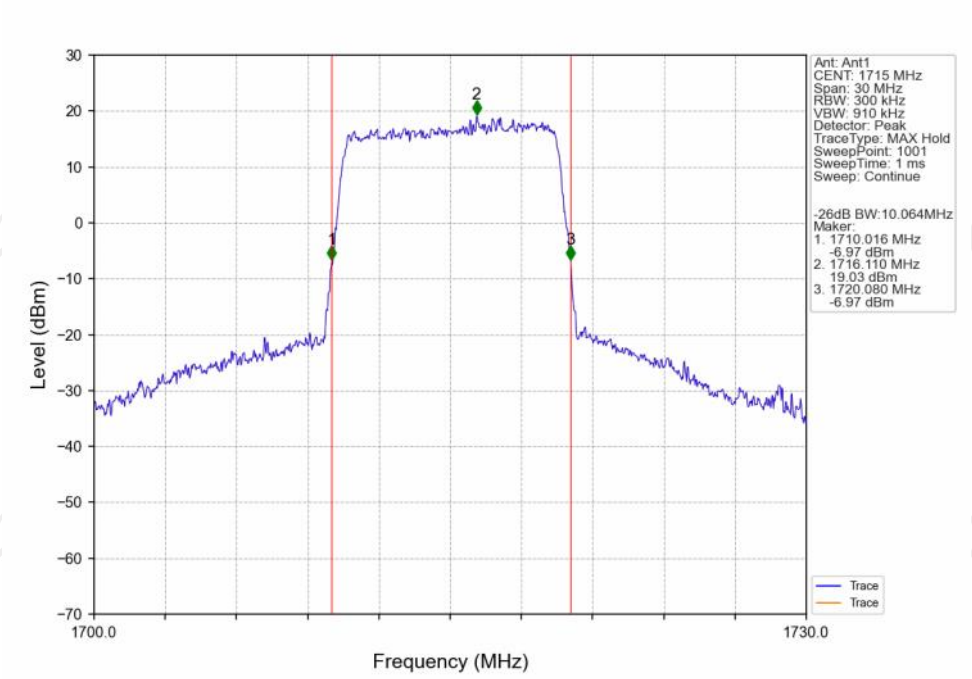
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



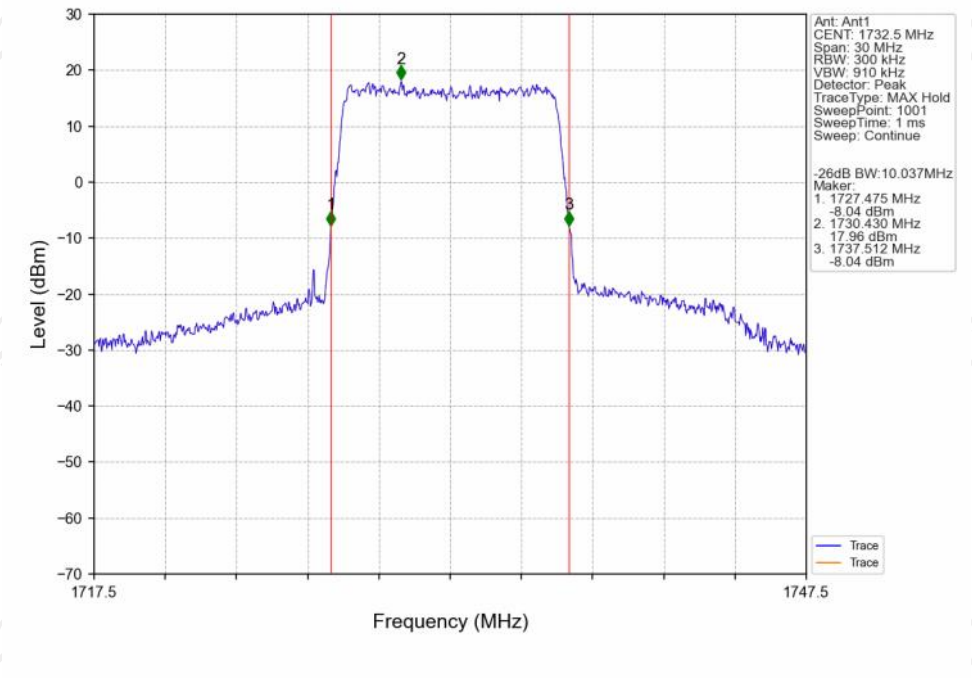
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



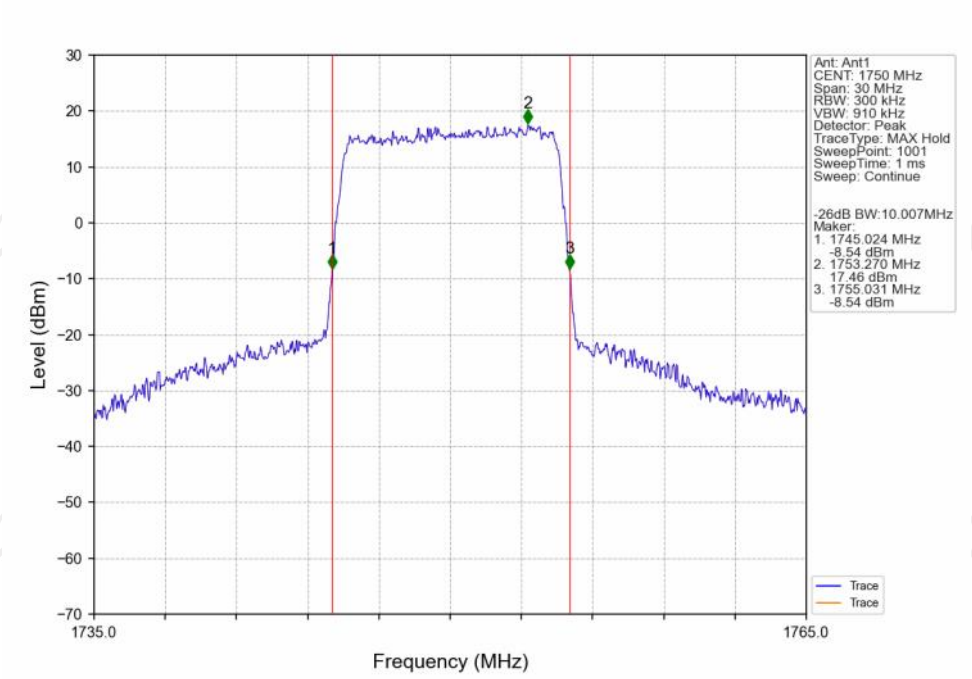
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



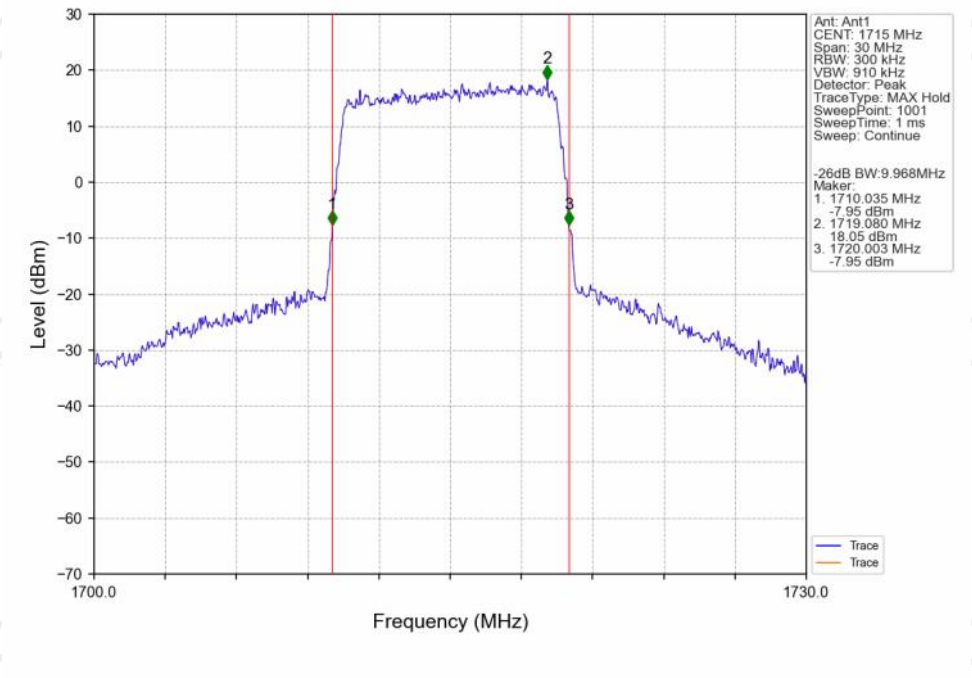
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



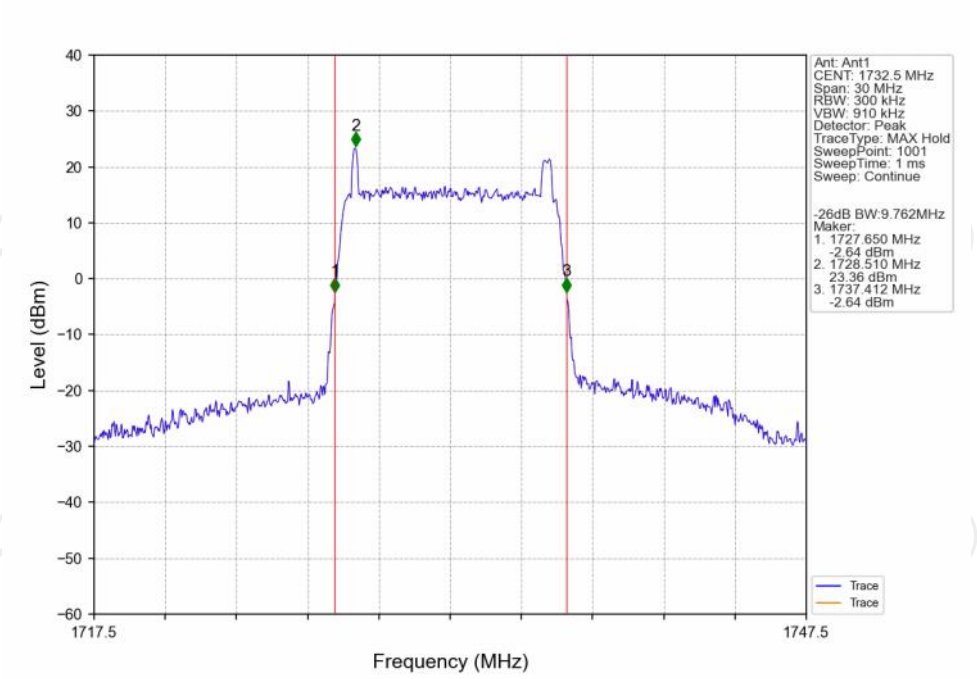
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



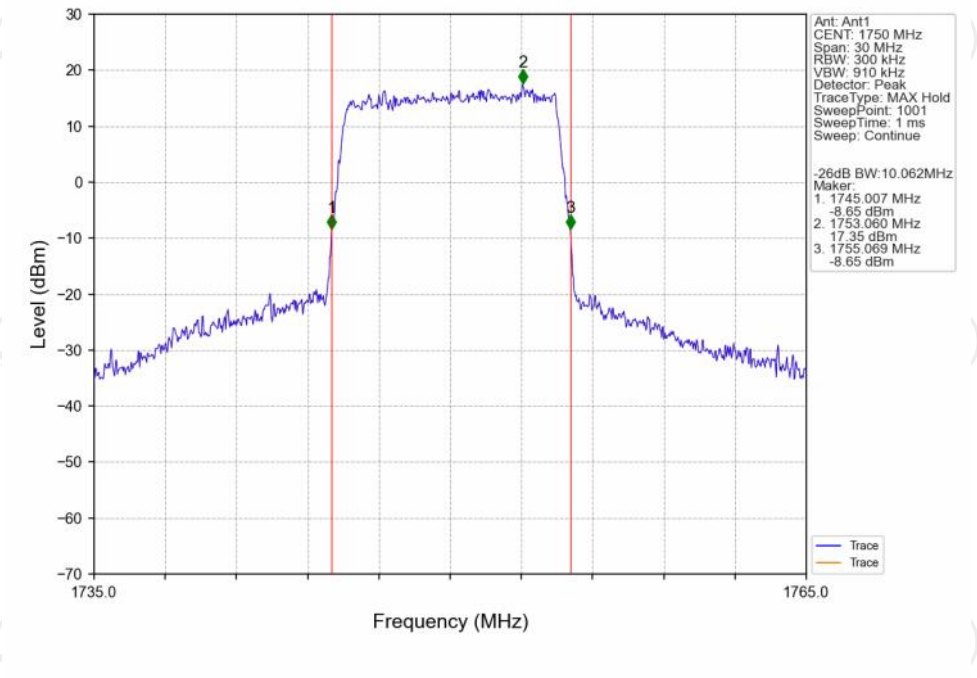
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



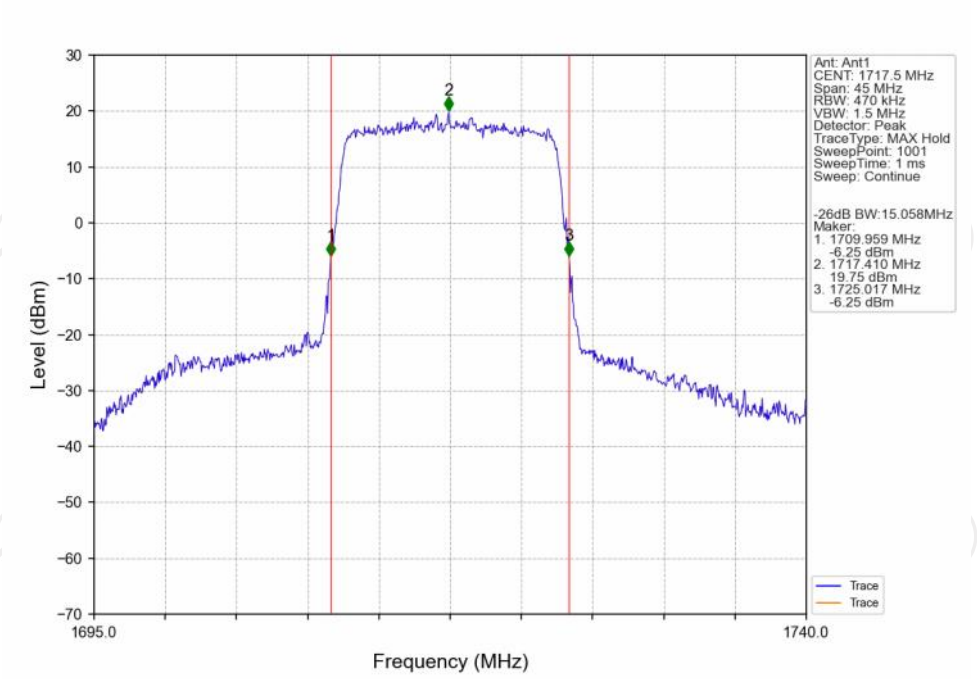
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



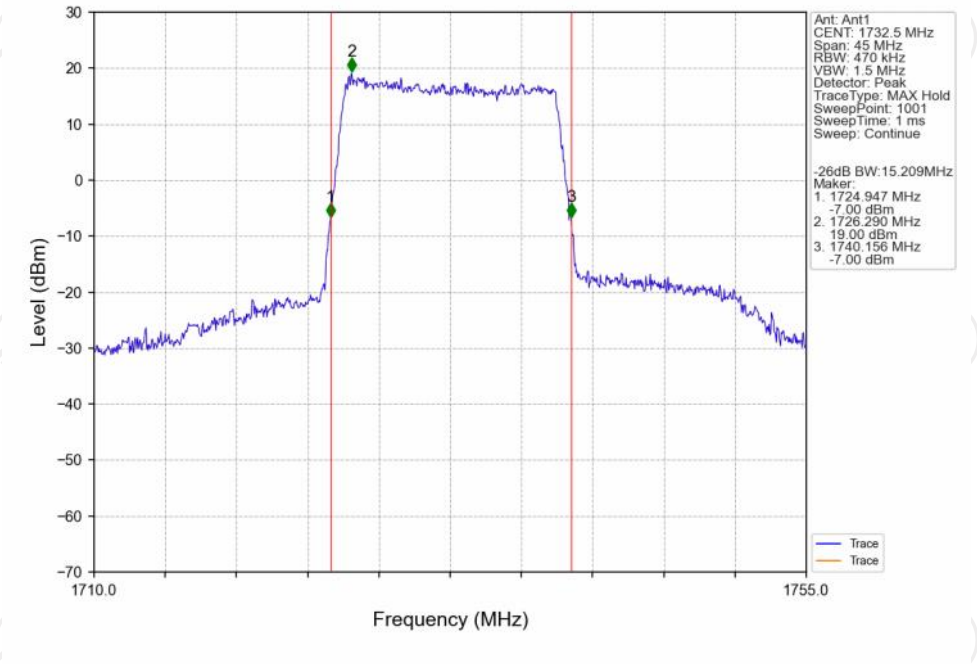
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



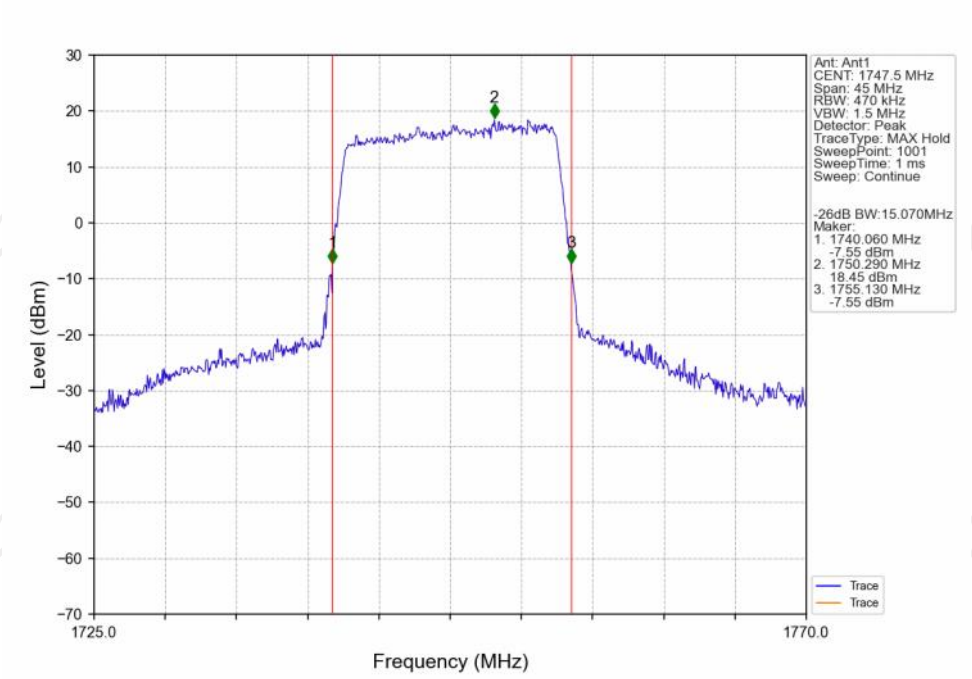
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



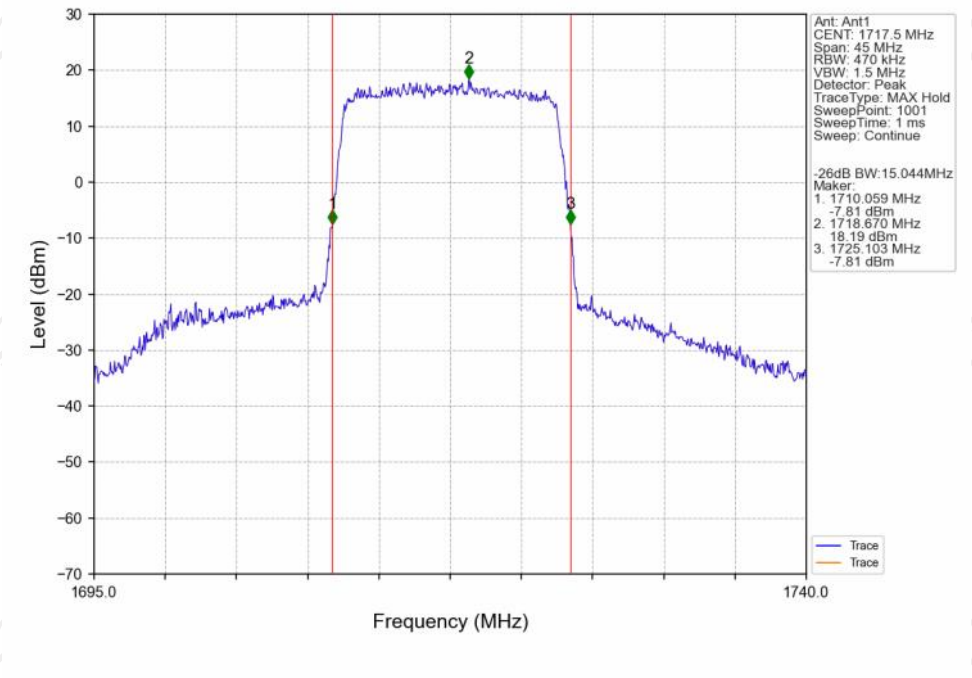
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



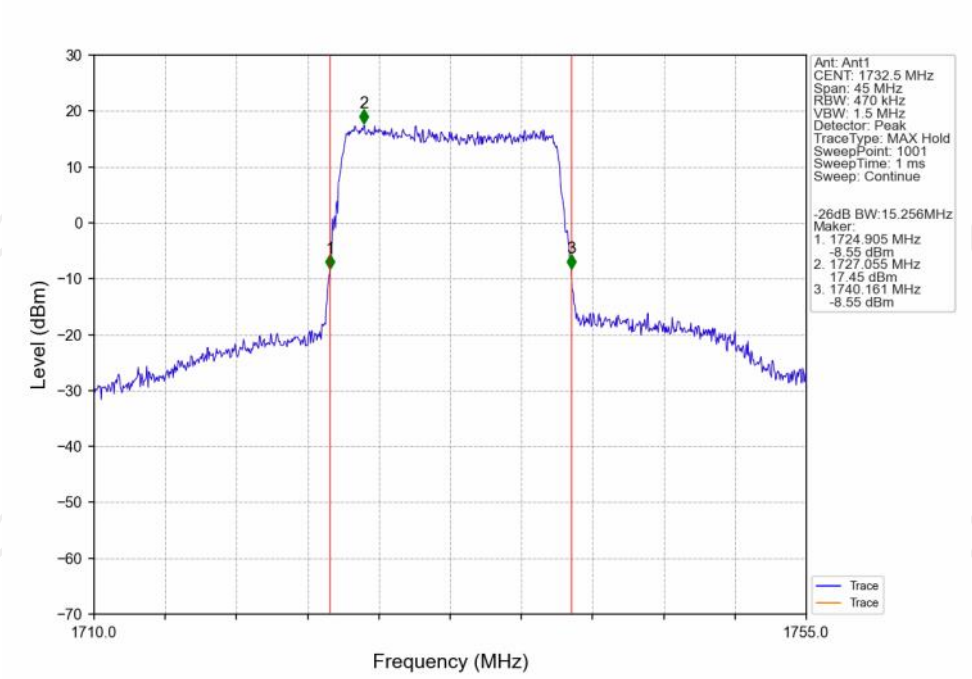
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



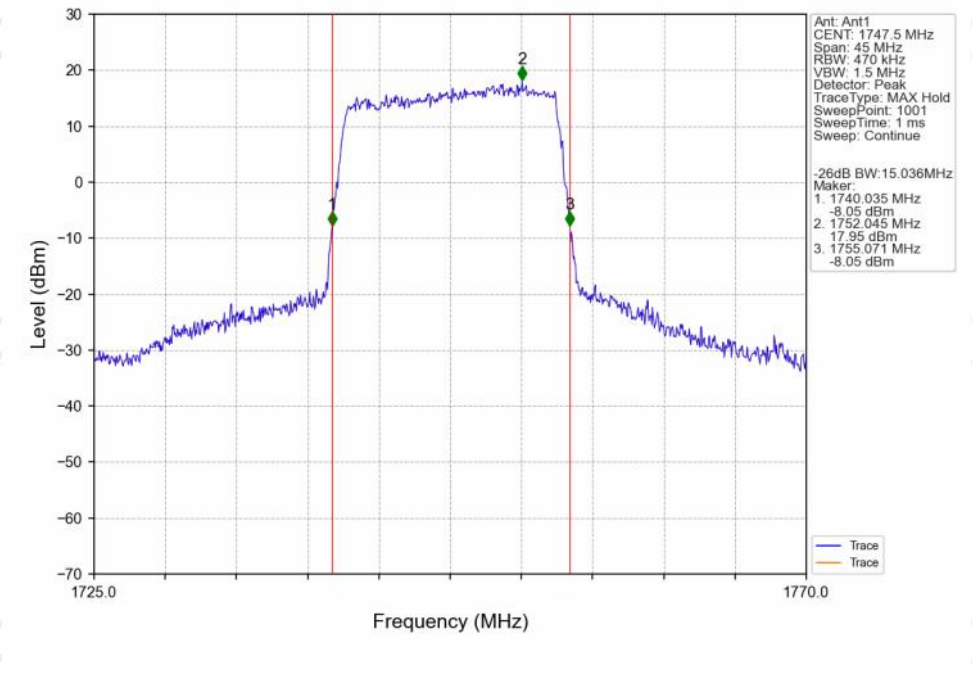
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



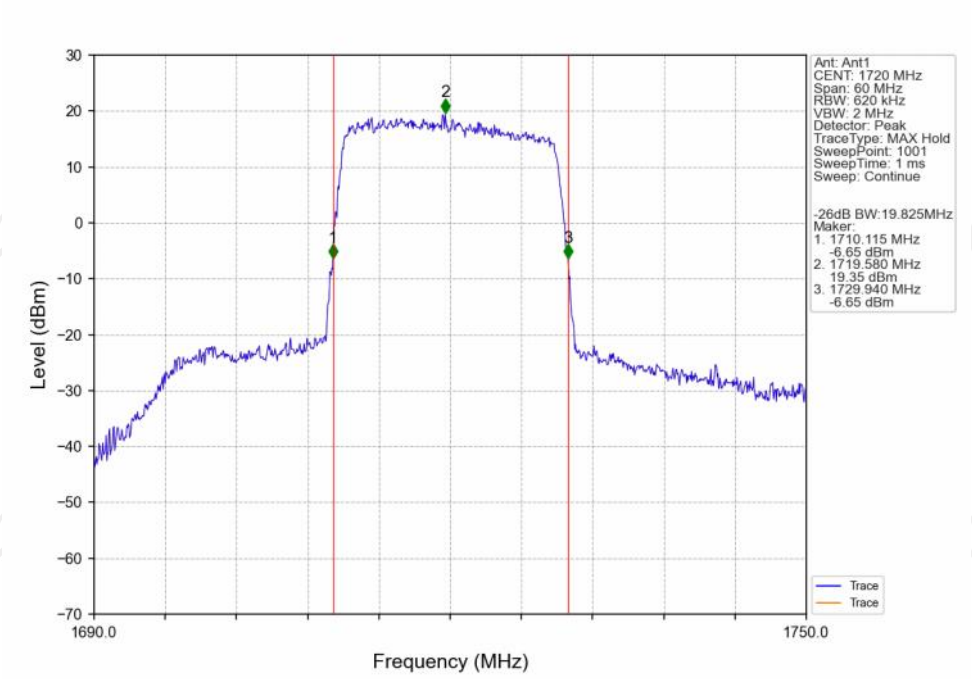
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



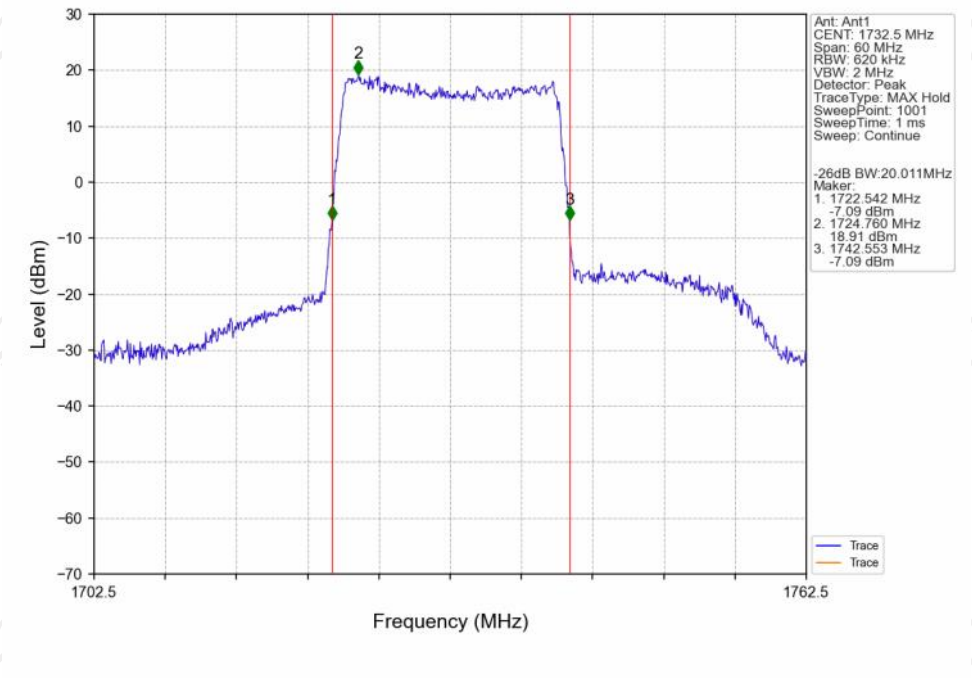
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



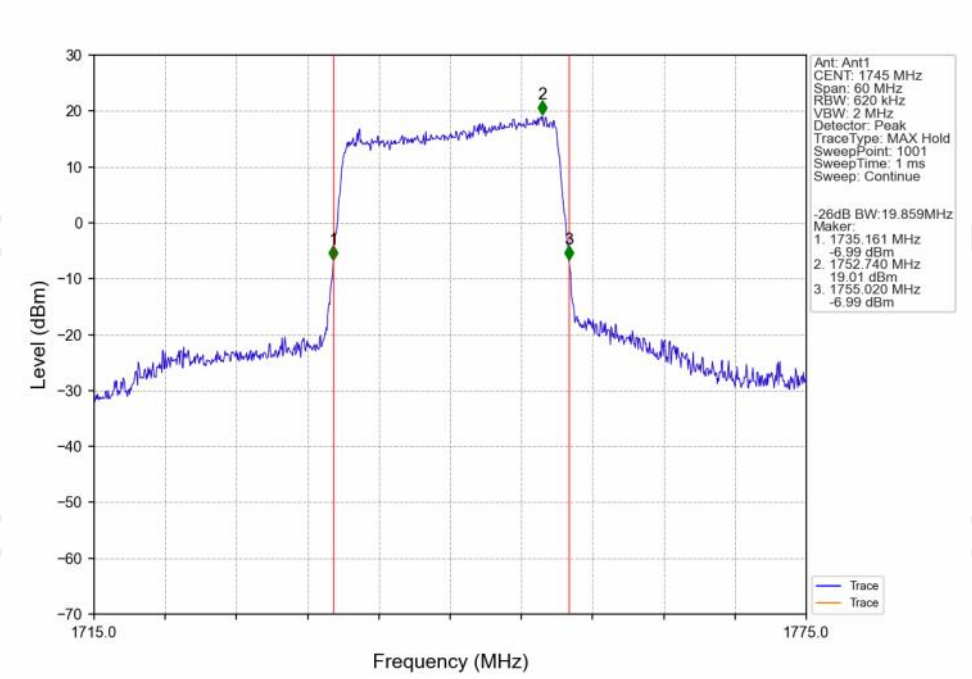
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



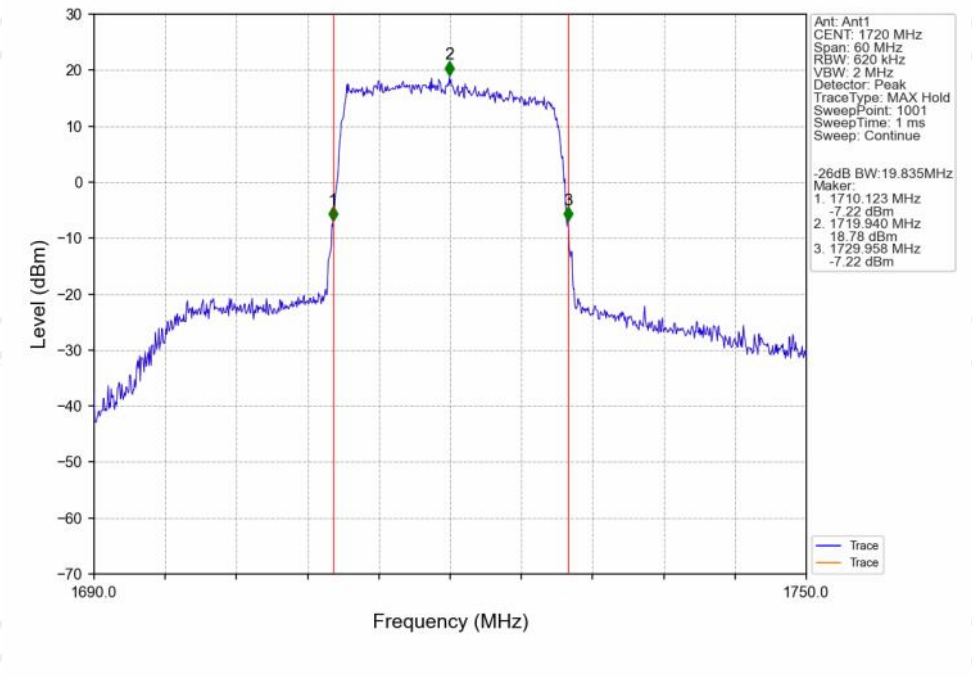
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



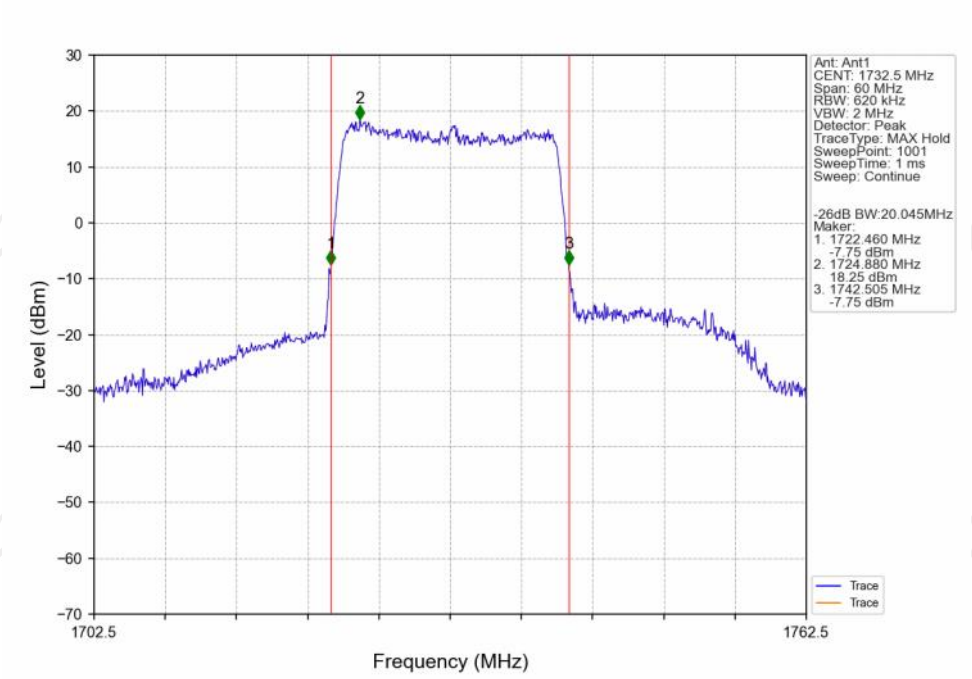
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



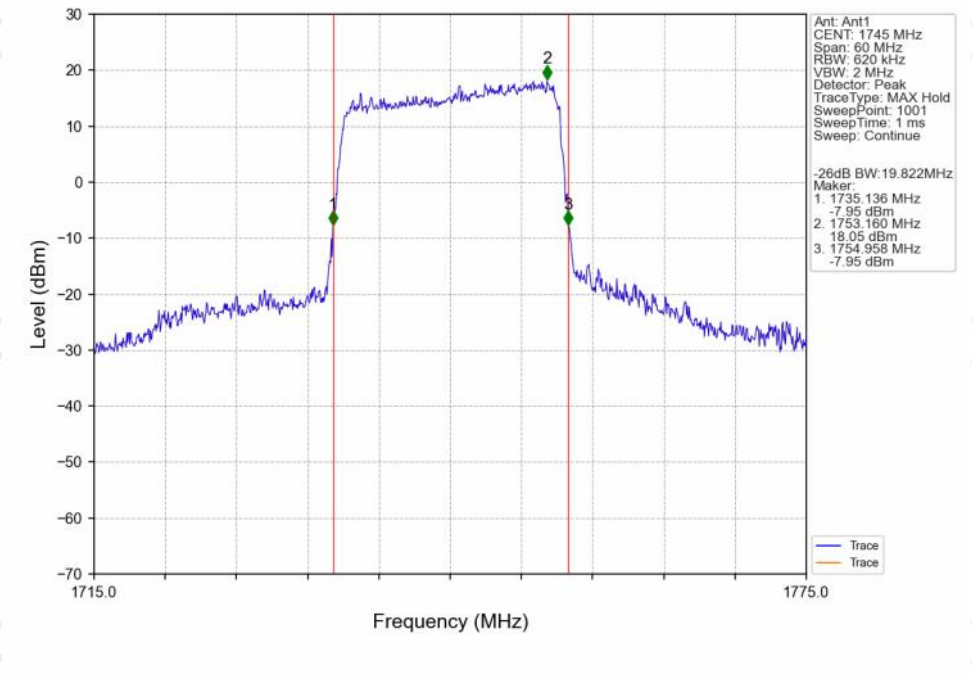
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

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	5.91	<=13	Pass
	1732.5	6	0	5.80	<=13	Pass
	1754.3	6	0	5.88	<=13	Pass
16QAM	1710.7	6	0	6.63	<=13	Pass
	1732.5	6	0	6.66	<=13	Pass
	1754.3	6	0	6.60	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.90	<=13	Pass
	1732.5	15	0	5.87	<=13	Pass
	1753.5	15	0	5.85	<=13	Pass
16QAM	1711.5	15	0	6.72	<=13	Pass
	1732.5	15	0	6.70	<=13	Pass
	1753.5	15	0	6.66	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.83	<=13	Pass
	1732.5	25	0	5.88	<=13	Pass
	1752.5	25	0	5.75	<=13	Pass
16QAM	1712.5	25	0	6.63	<=13	Pass
	1732.5	25	0	6.61	<=13	Pass
	1752.5	25	0	6.46	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.81	<=13	Pass
	1732.5	50	0	5.90	<=13	Pass
	1750	50	0	5.65	<=13	Pass
16QAM	1715	50	0	6.60	<=13	Pass
	1732.5	50	0	6.67	<=13	Pass

	1750	50	0	6.43	<=13	Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.04	<=13	Pass
	1732.5	75	0	6.30	<=13	Pass
	1747.5	75	0	5.91	<=13	Pass
16QAM	1717.5	75	0	6.58	<=13	Pass
	1732.5	75	0	6.78	<=13	Pass
	1747.5	75	0	6.44	<=13	Pass

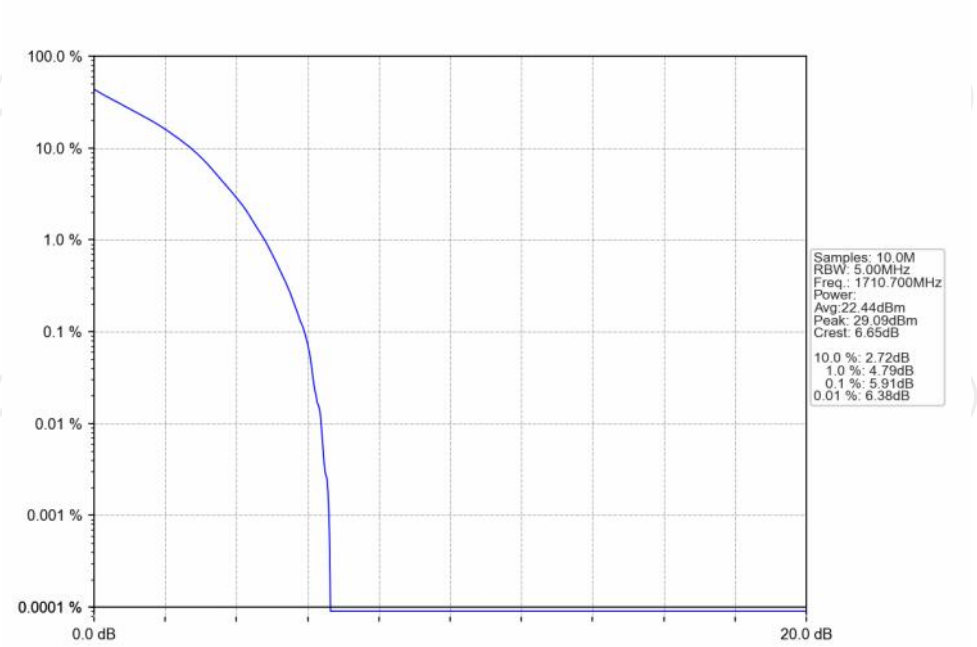
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.73	<=13	Pass
	1732.5	100	0	6.08	<=13	Pass
	1745	100	0	5.76	<=13	Pass
16QAM	1720	100	0	6.55	<=13	Pass
	1732.5	100	0	6.77	<=13	Pass
	1745	100	0	6.56	<=13	Pass

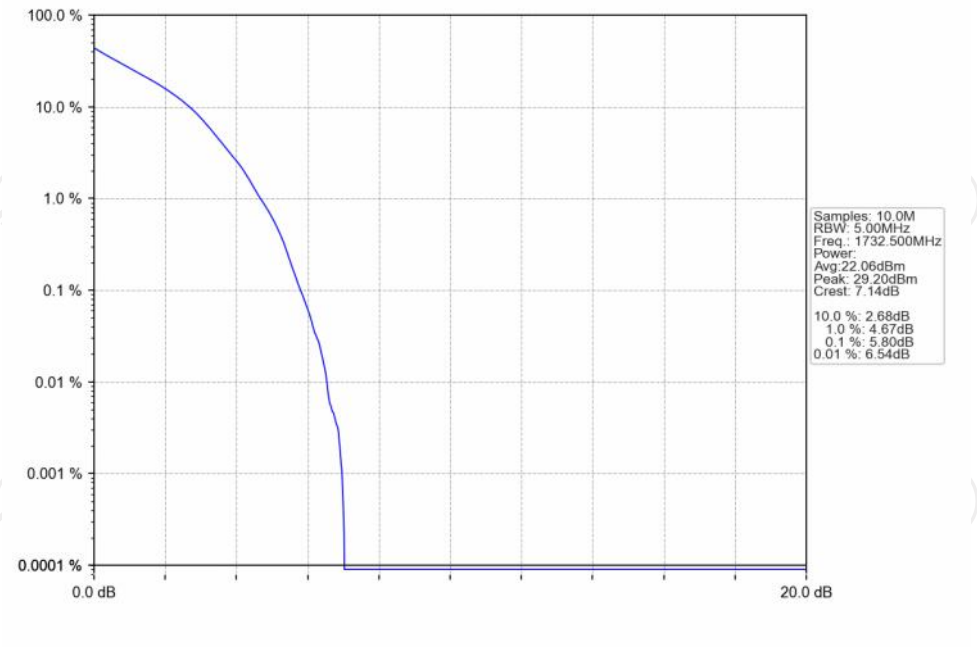
5.2 Test Graph

5.2.1 B4_1.4MHz

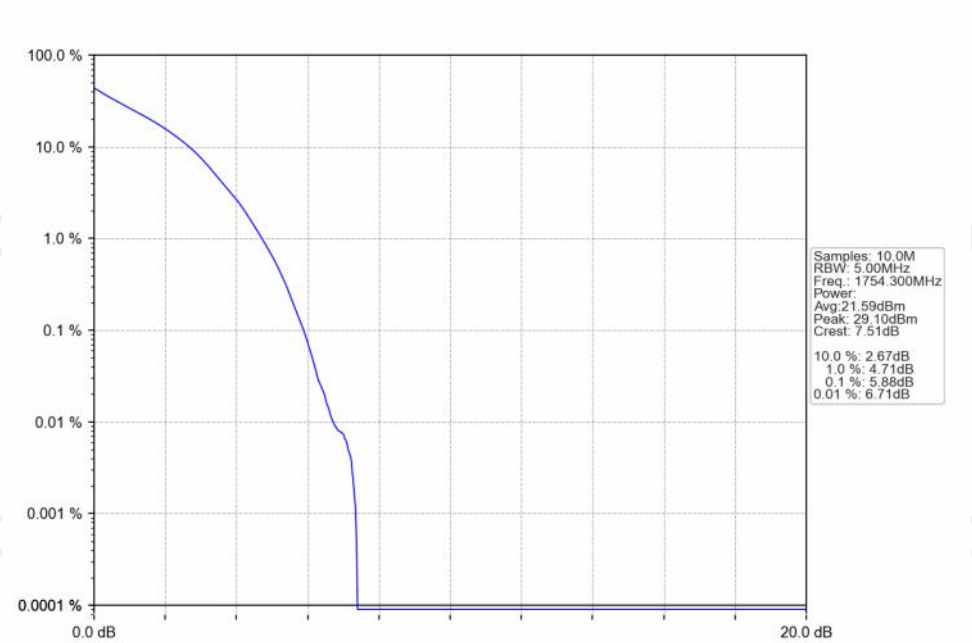
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



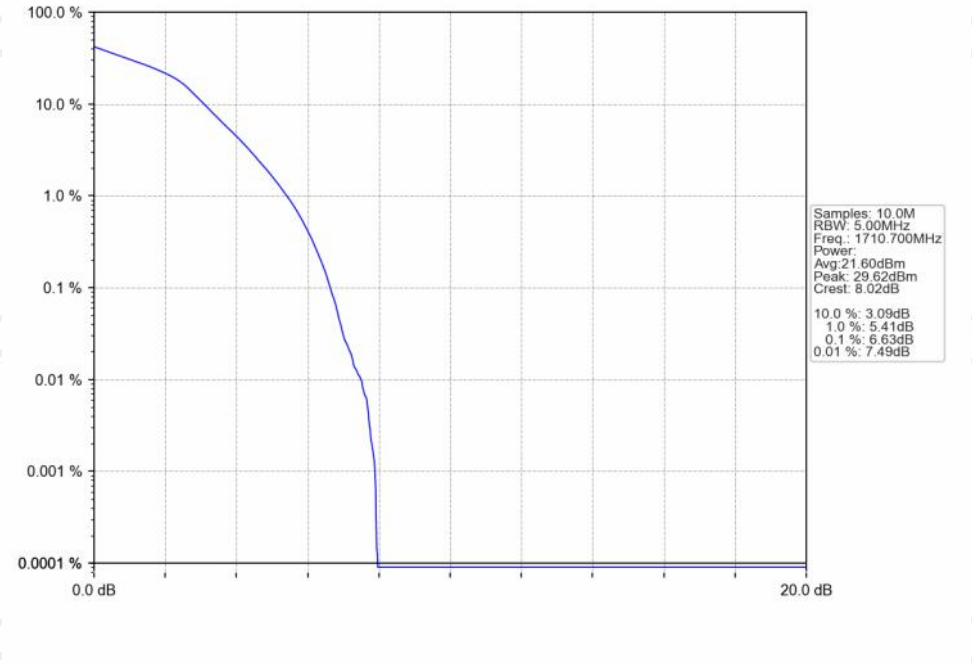
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



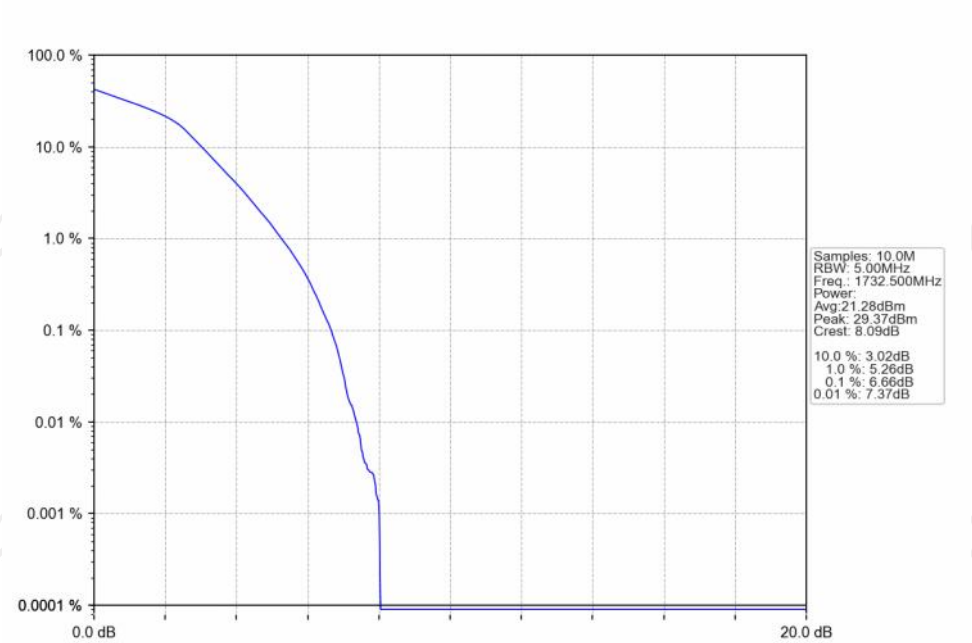
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



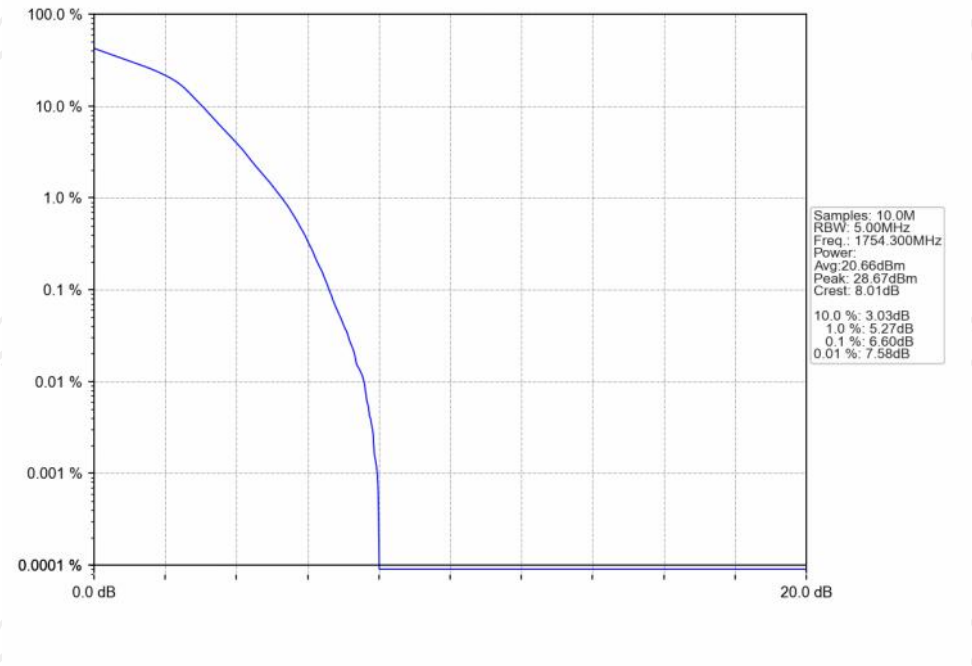
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

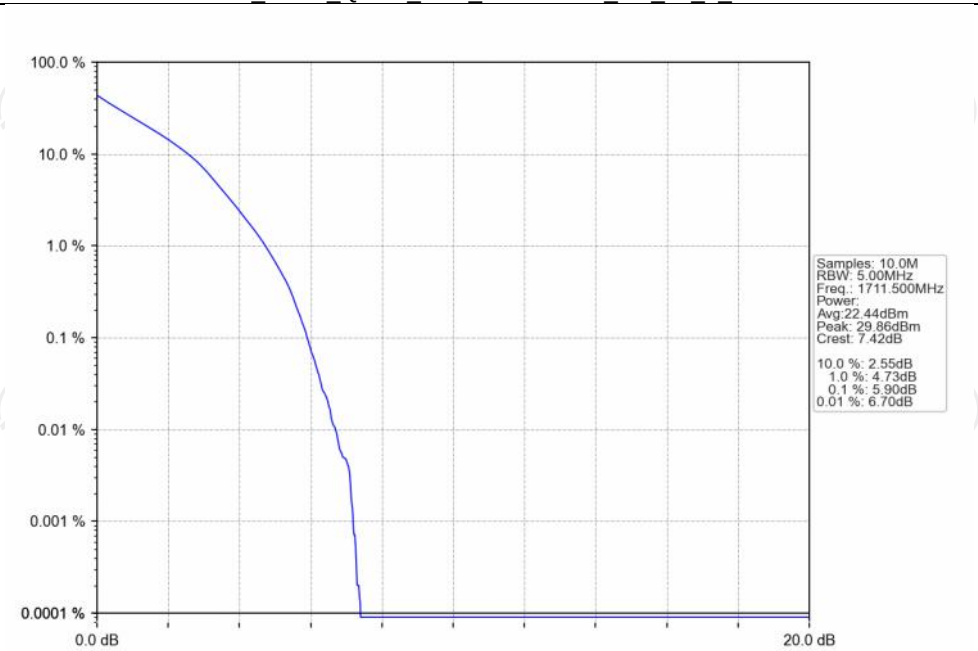


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

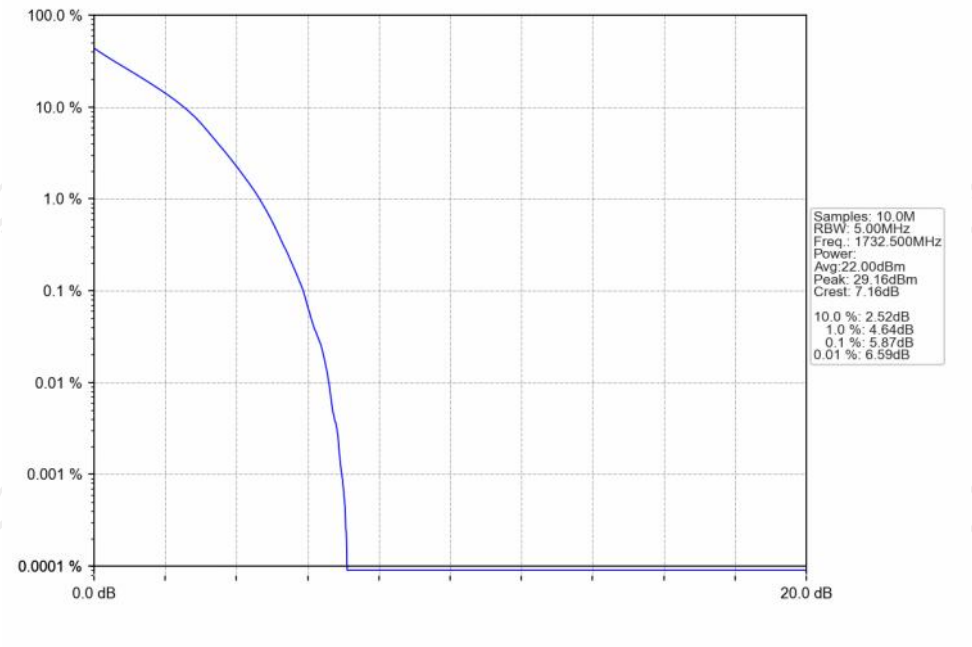


5.2.2 B4_3MHz

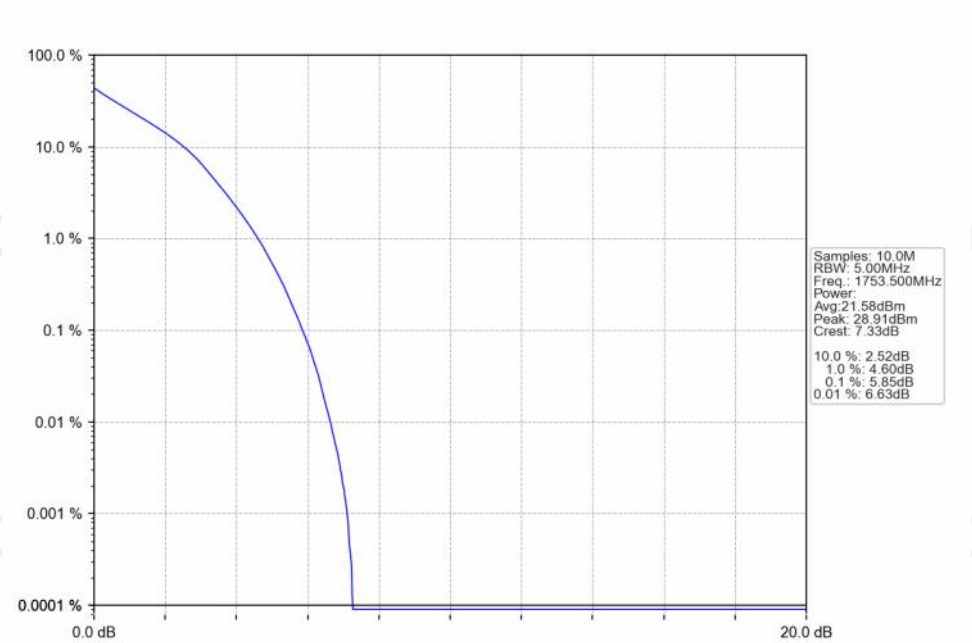
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



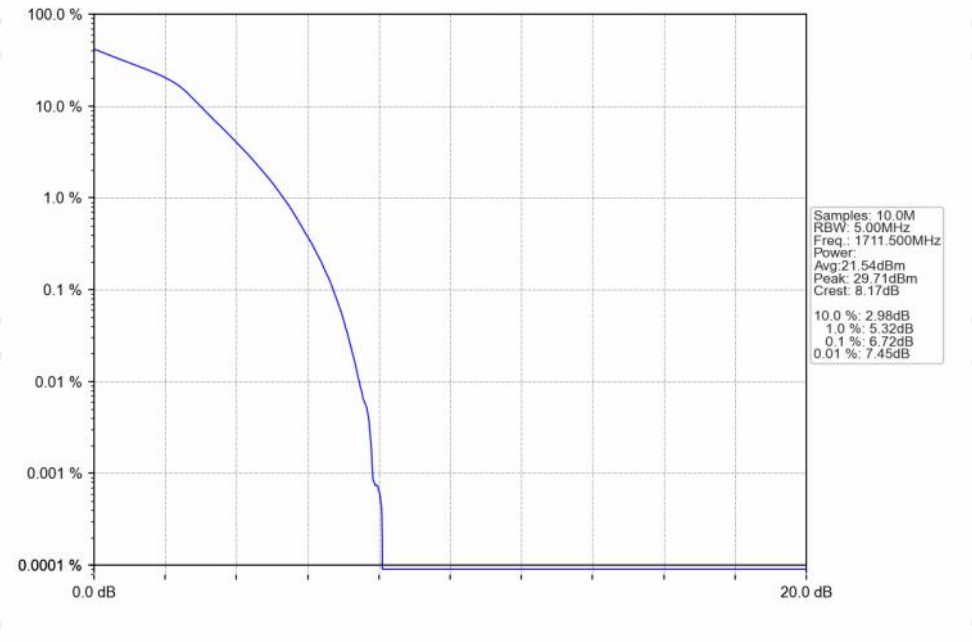
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



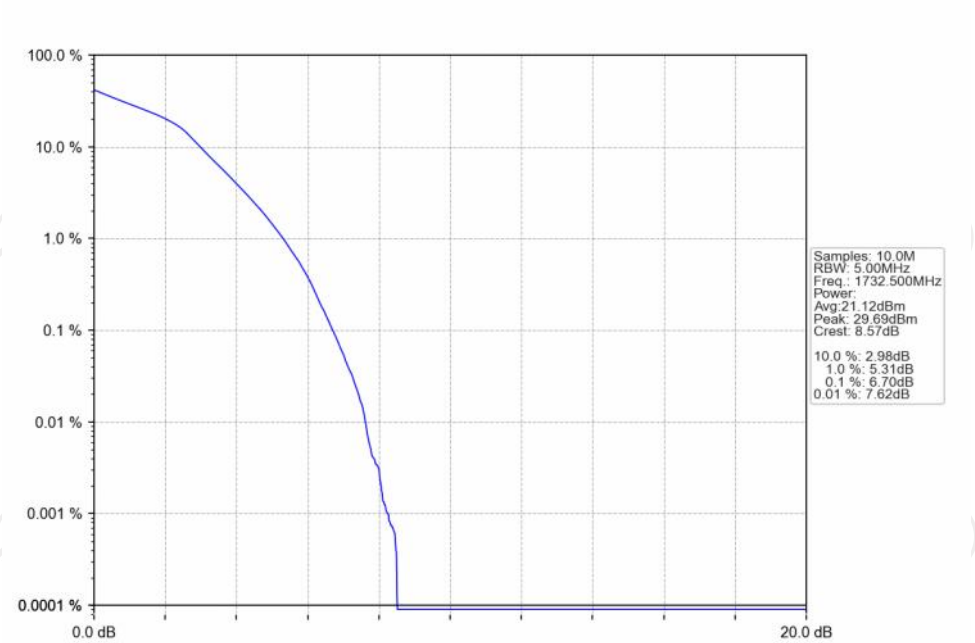
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



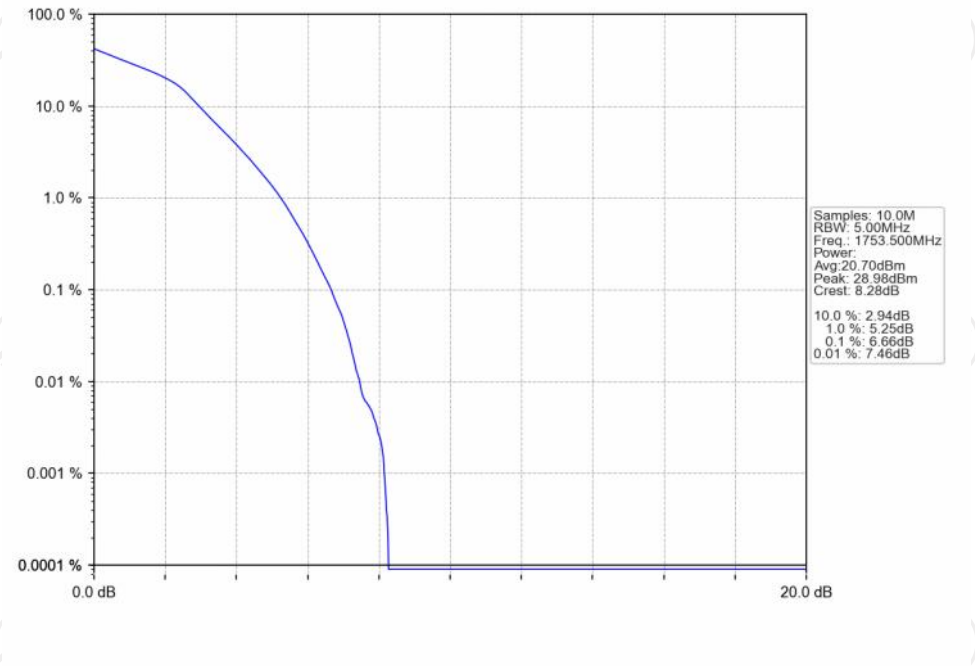
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

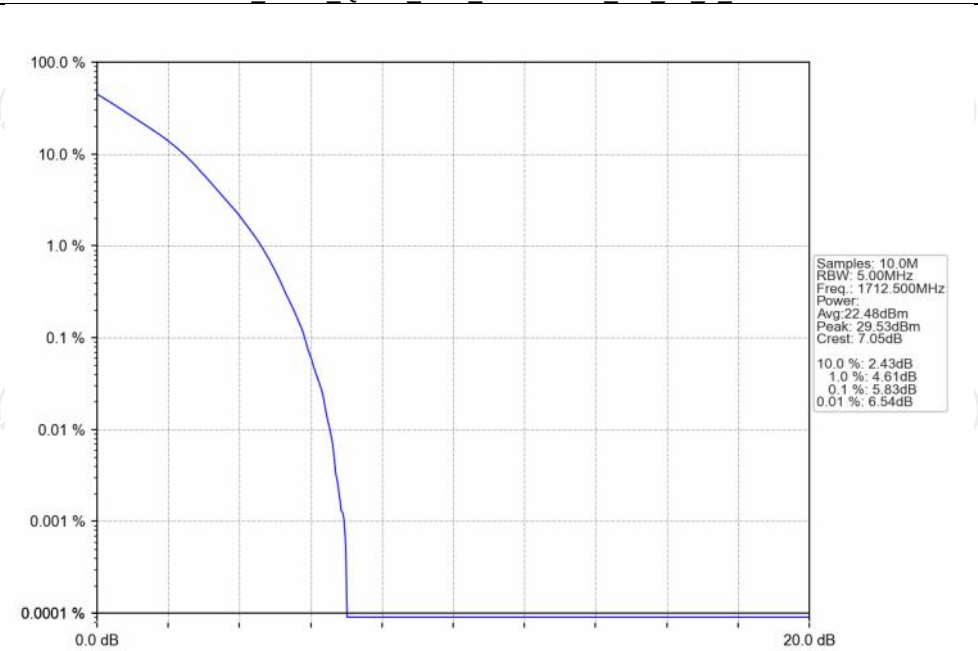


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

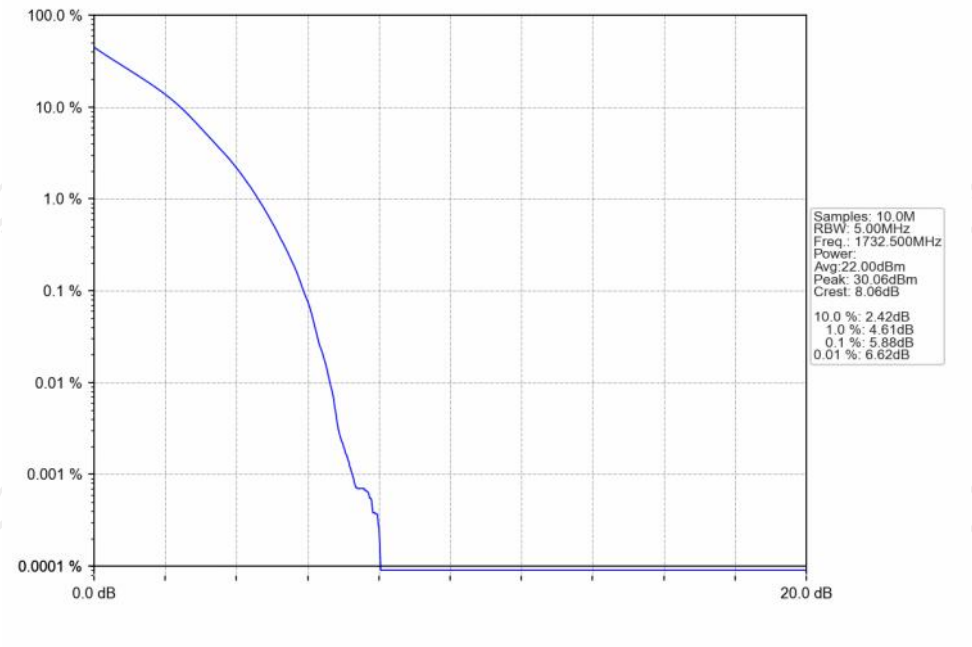


5.2.3 B4_5MHz

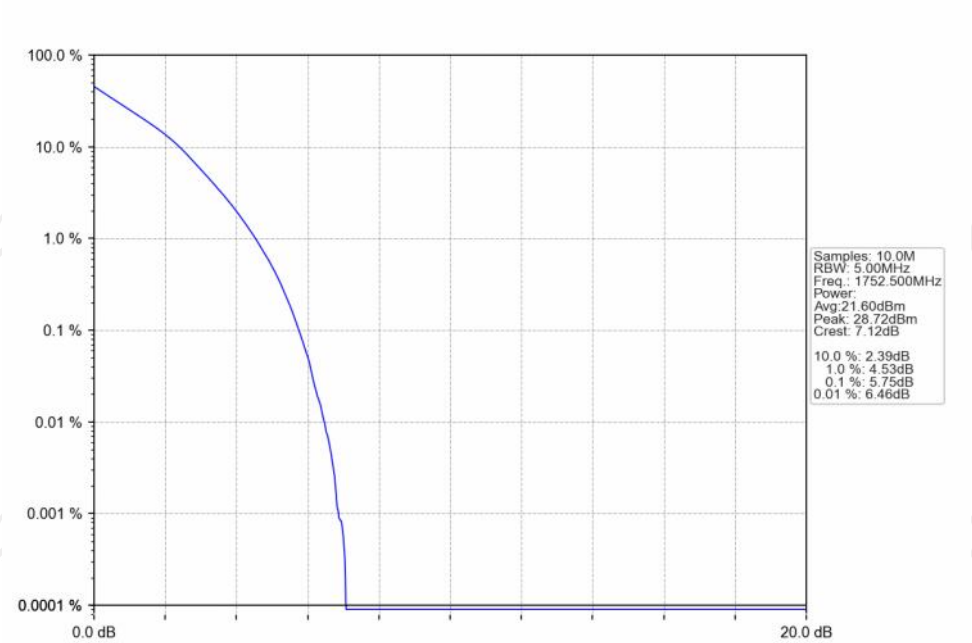
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



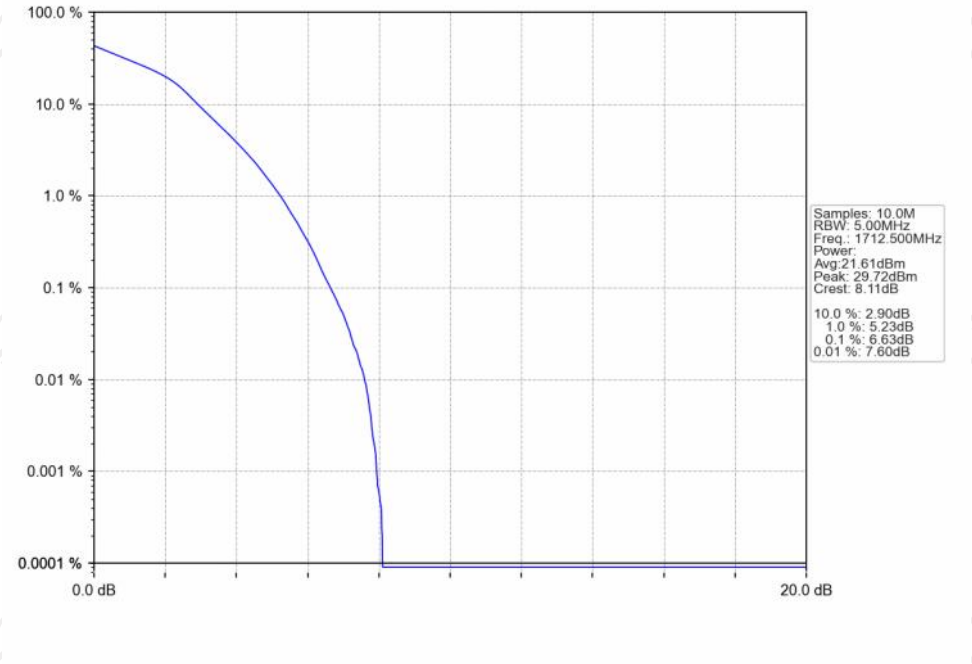
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



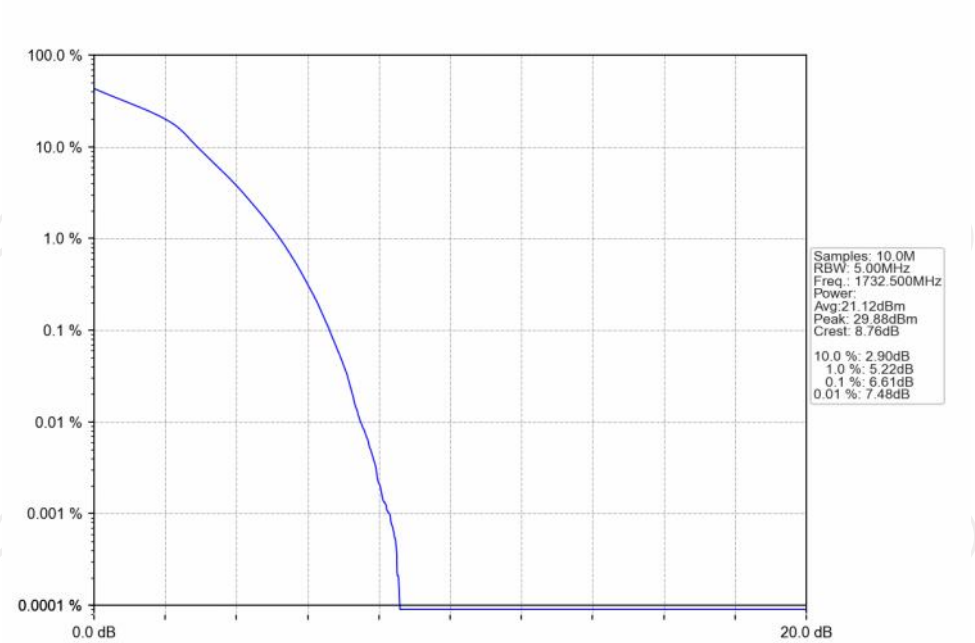
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



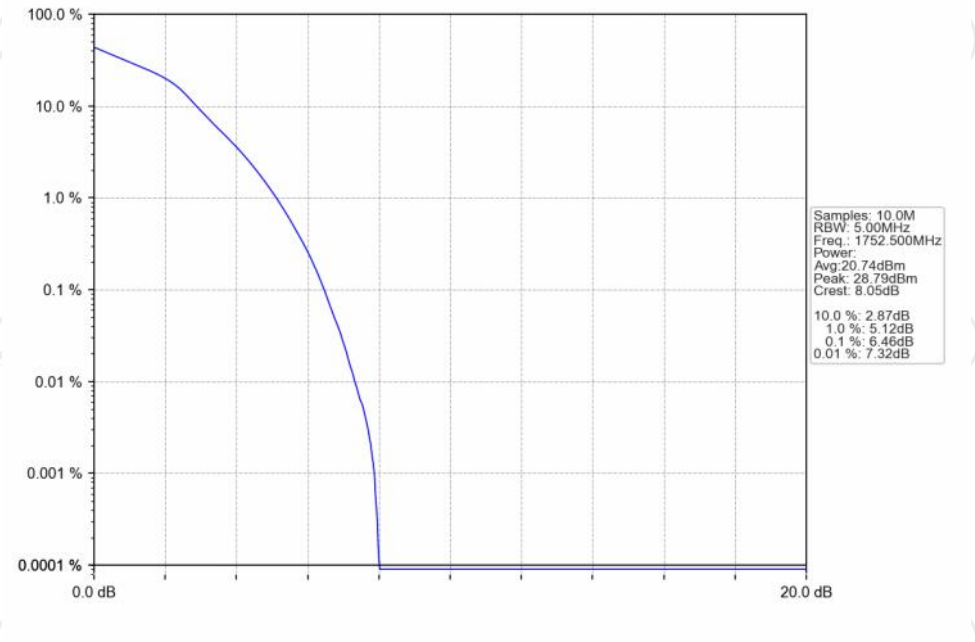
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

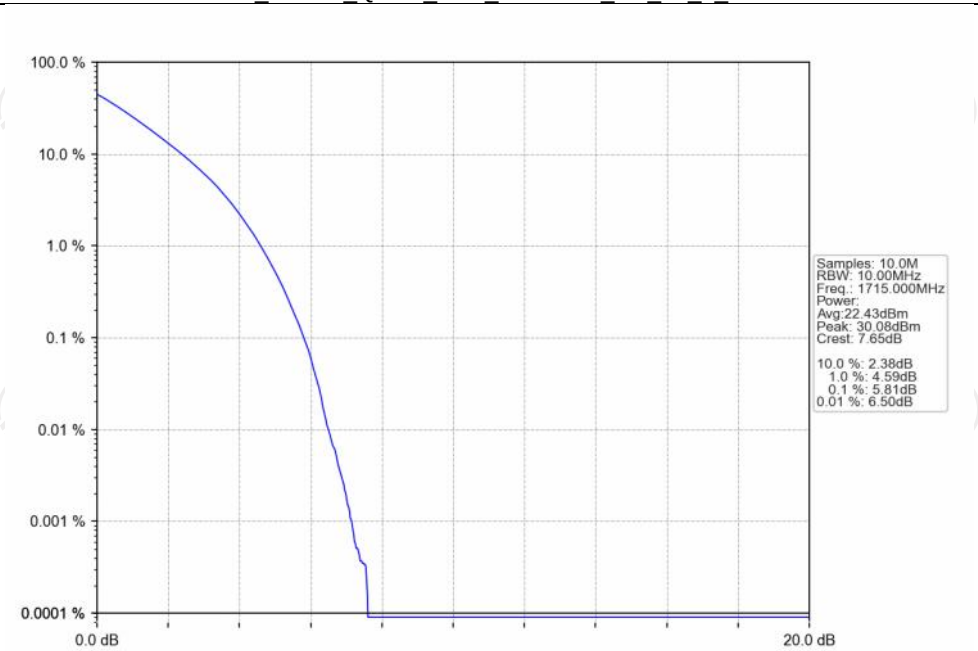


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

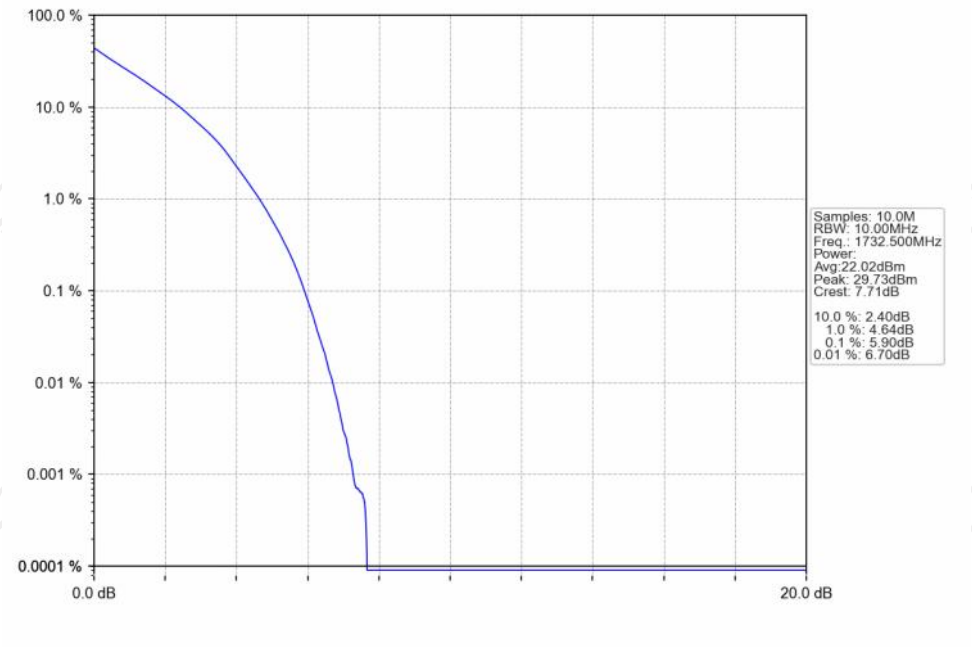


5.2.4 B4_10MHz

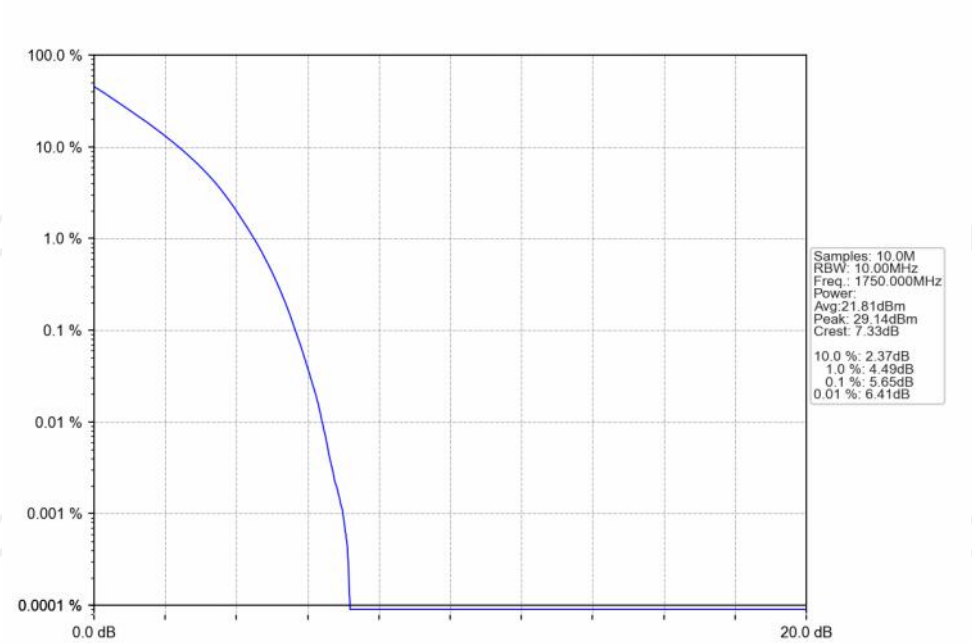
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



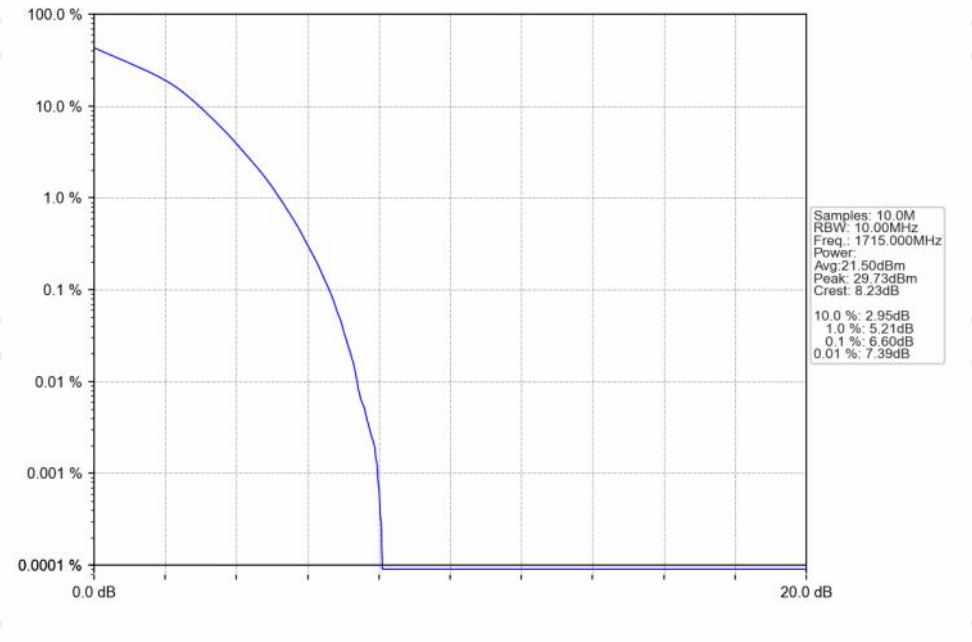
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



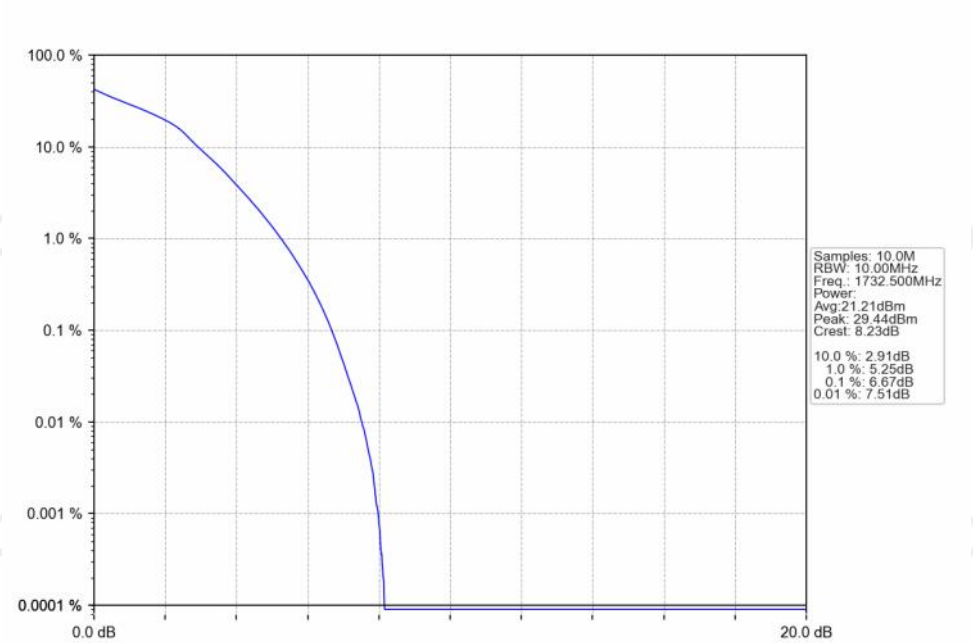
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



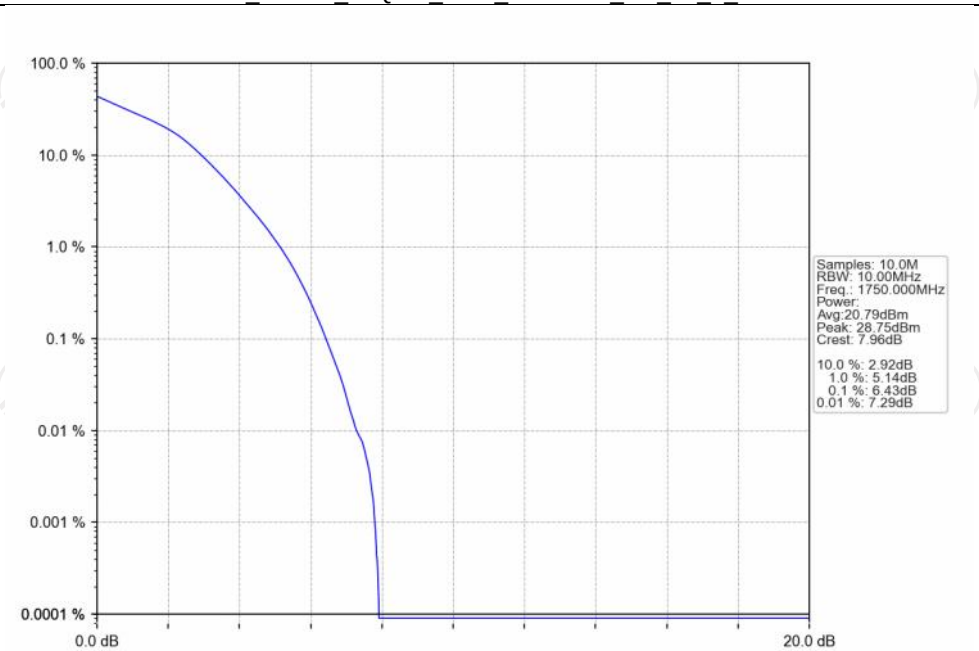
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

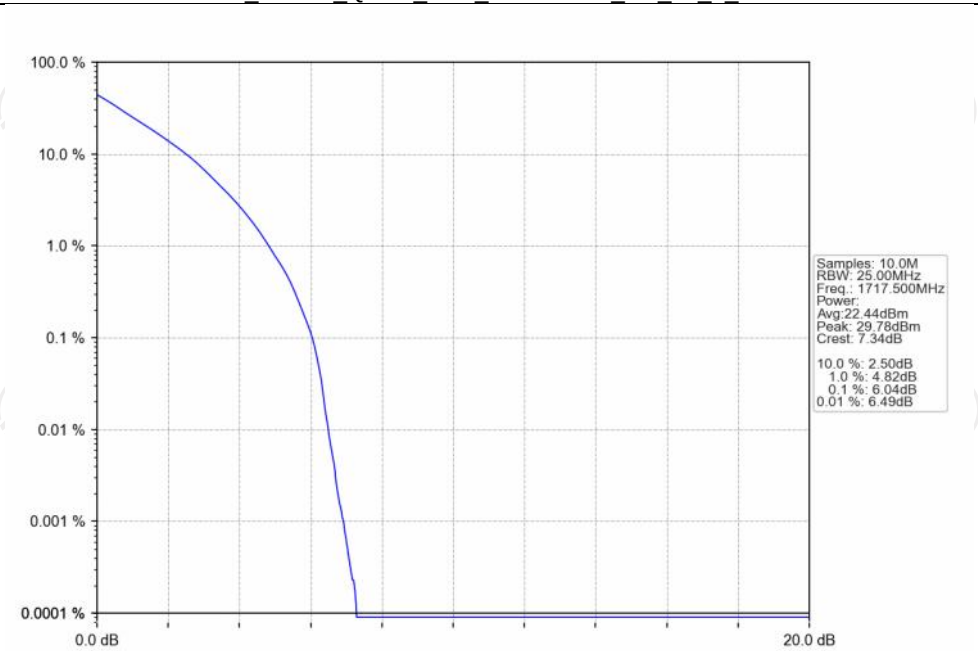


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

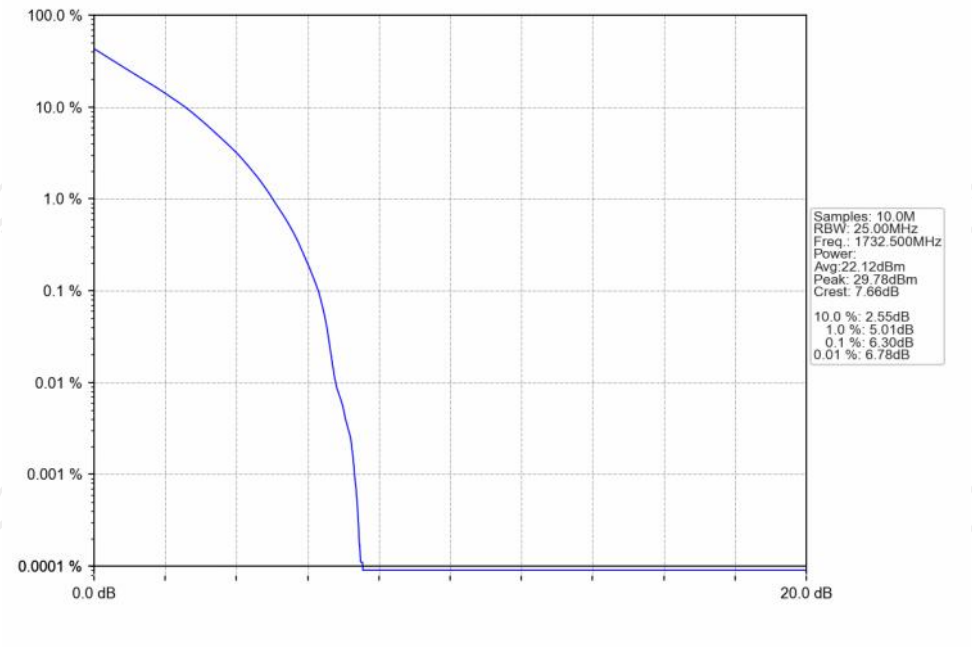


5.2.5 B4_15MHz

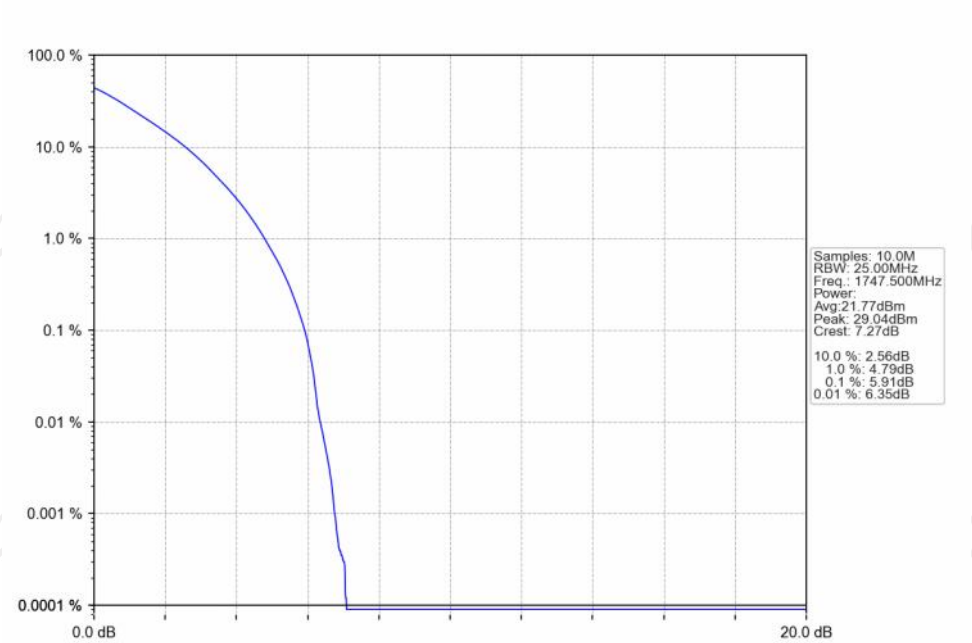
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



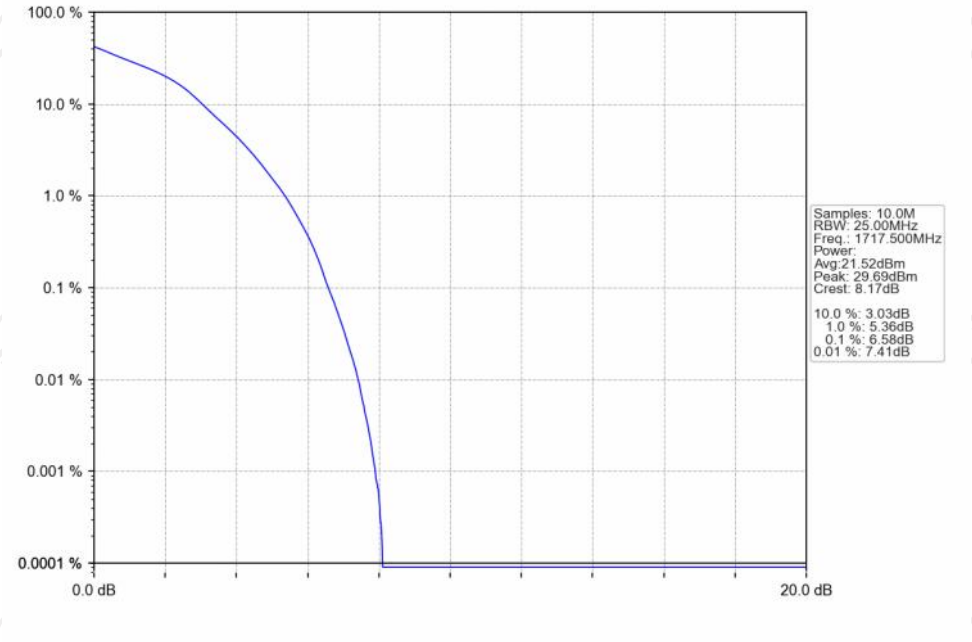
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



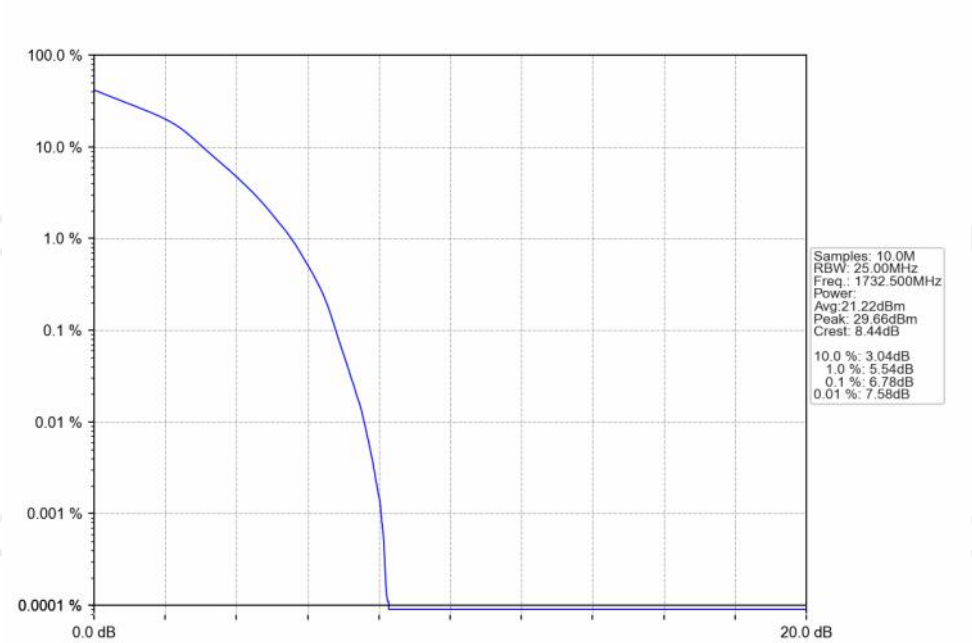
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



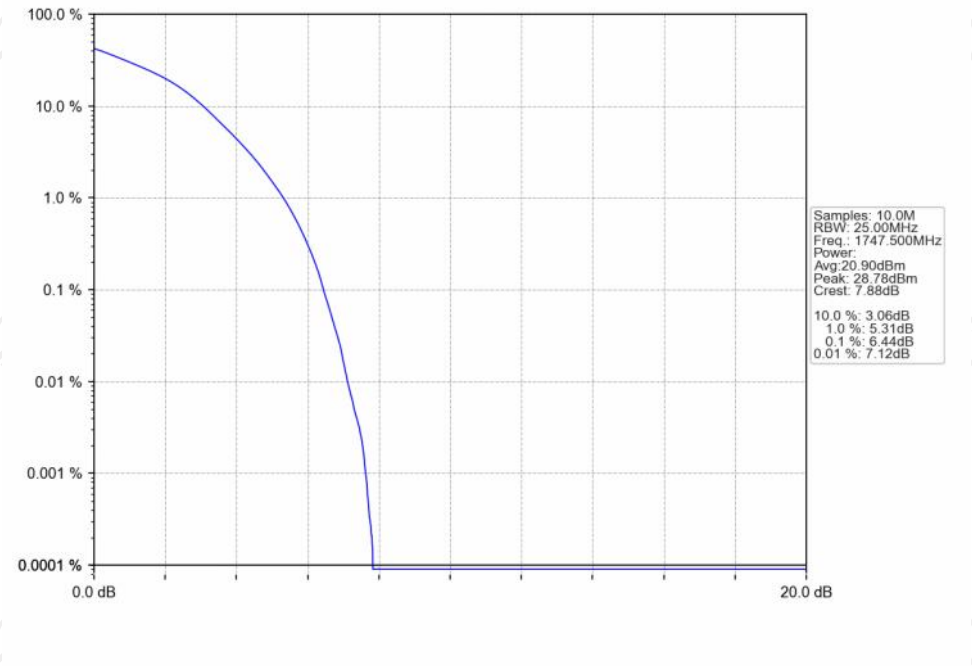
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

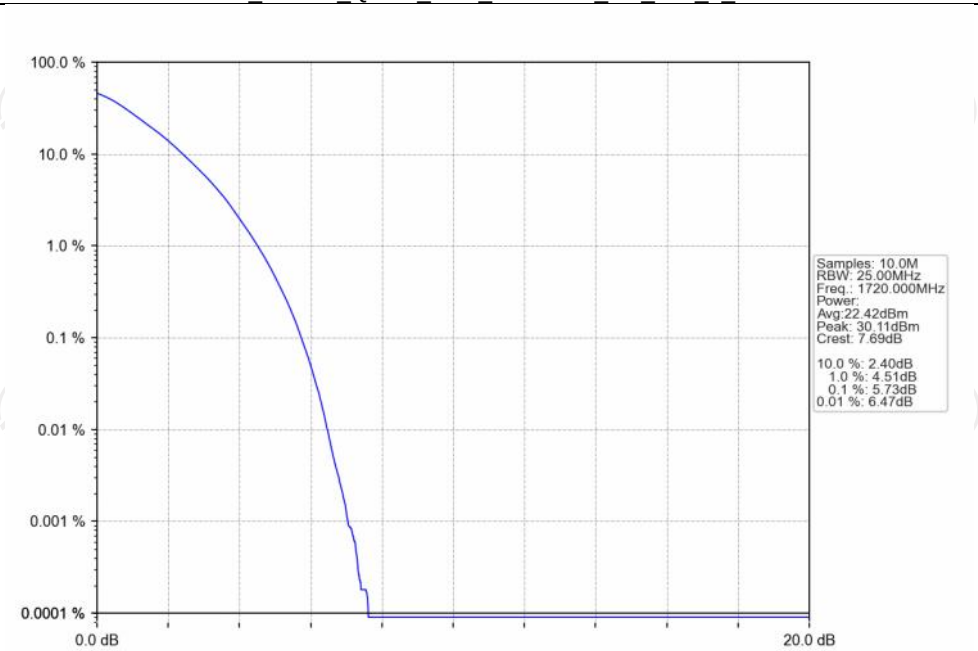


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

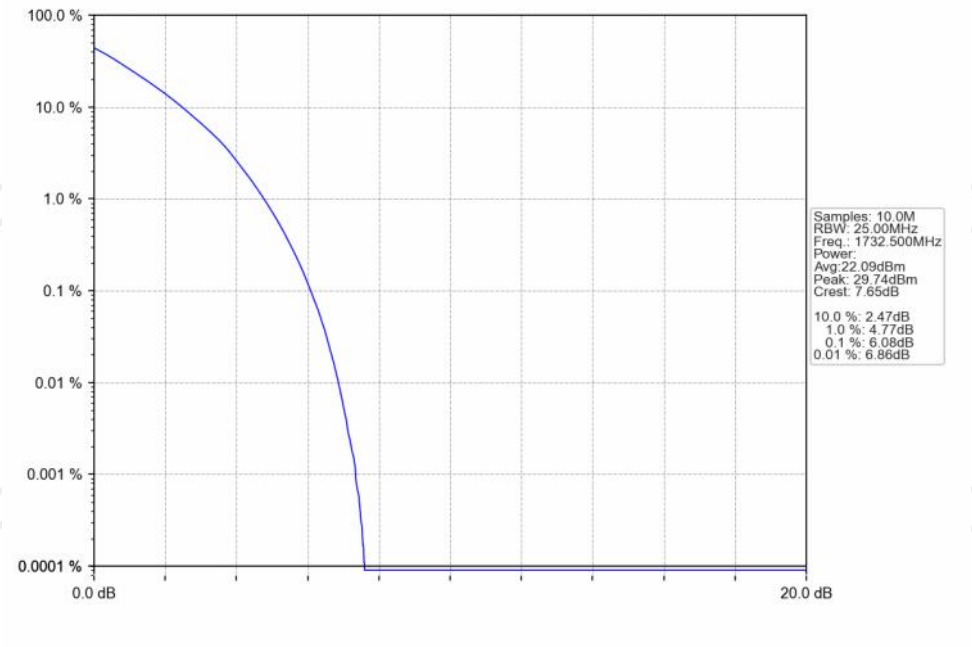


5.2.6 B4_20MHz

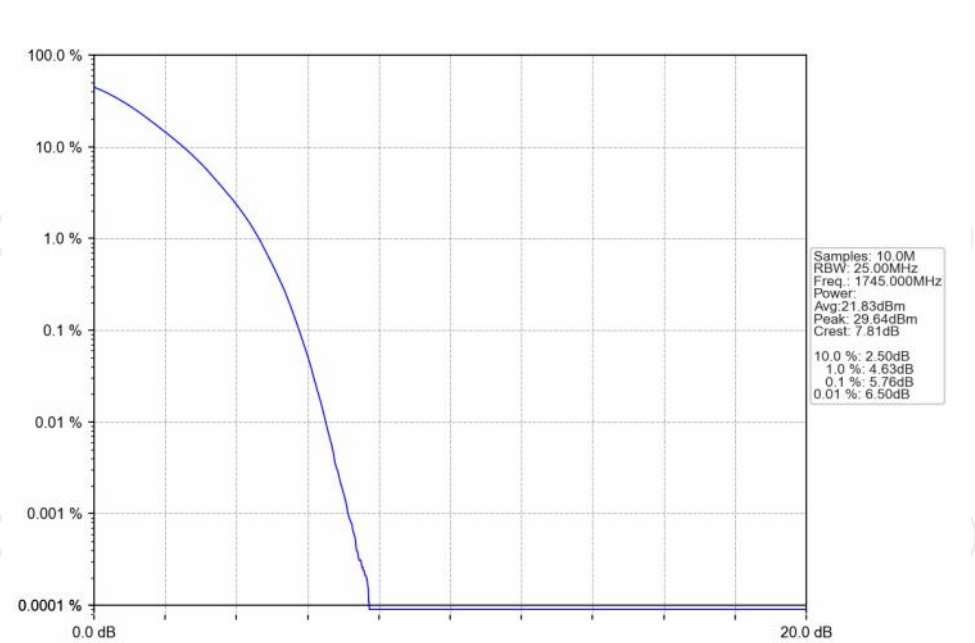
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



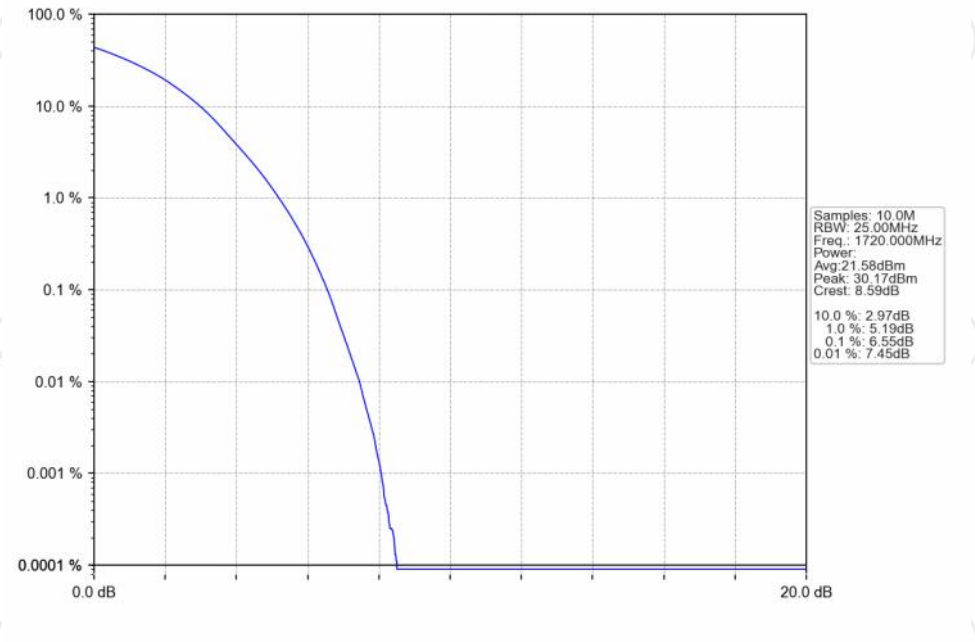
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



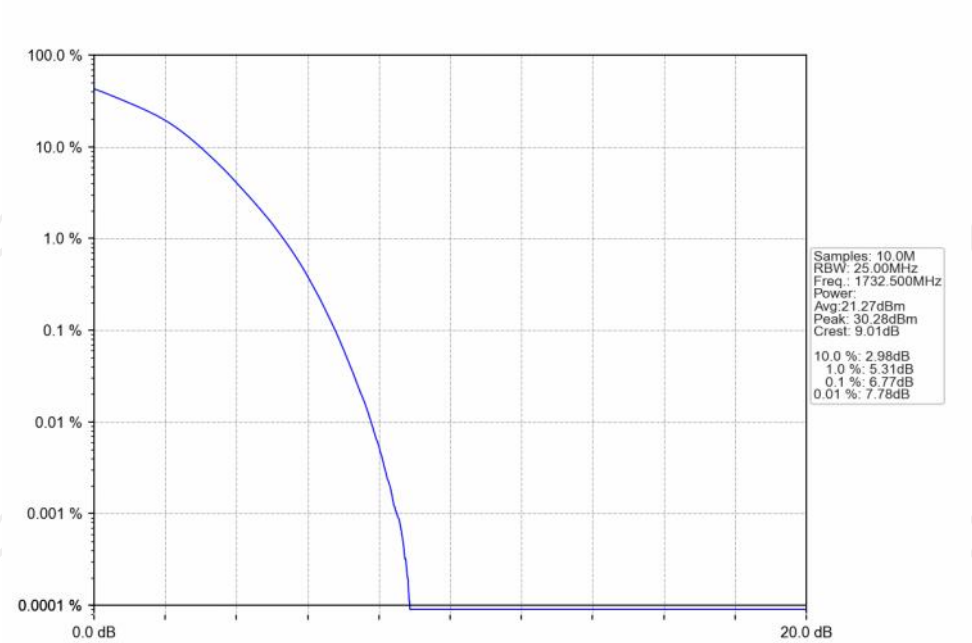
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



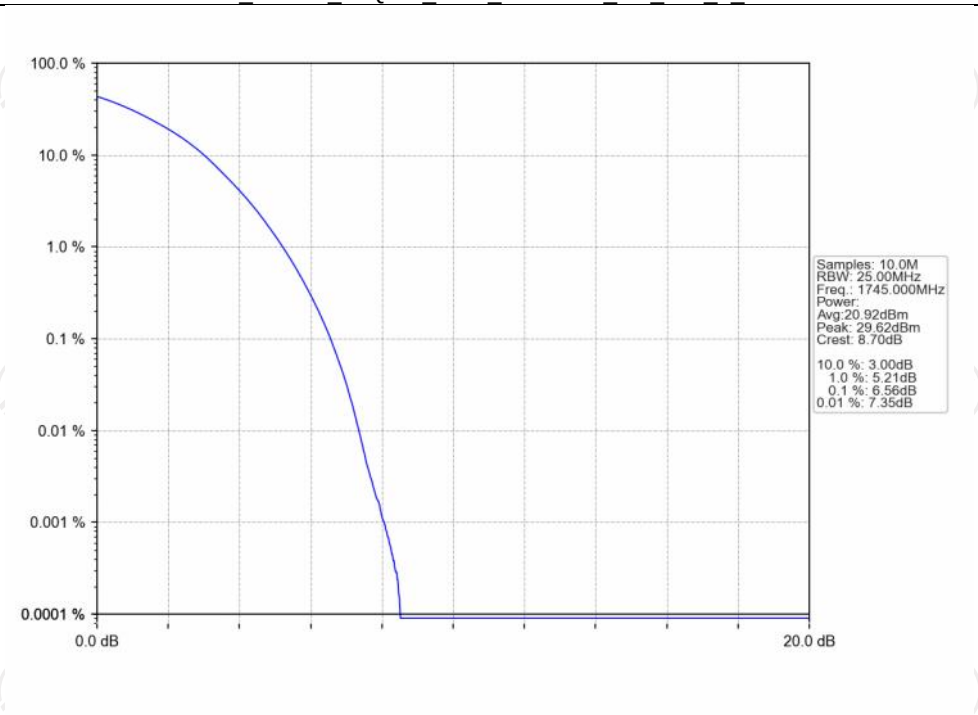
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

		25	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.6 B4_20MHz

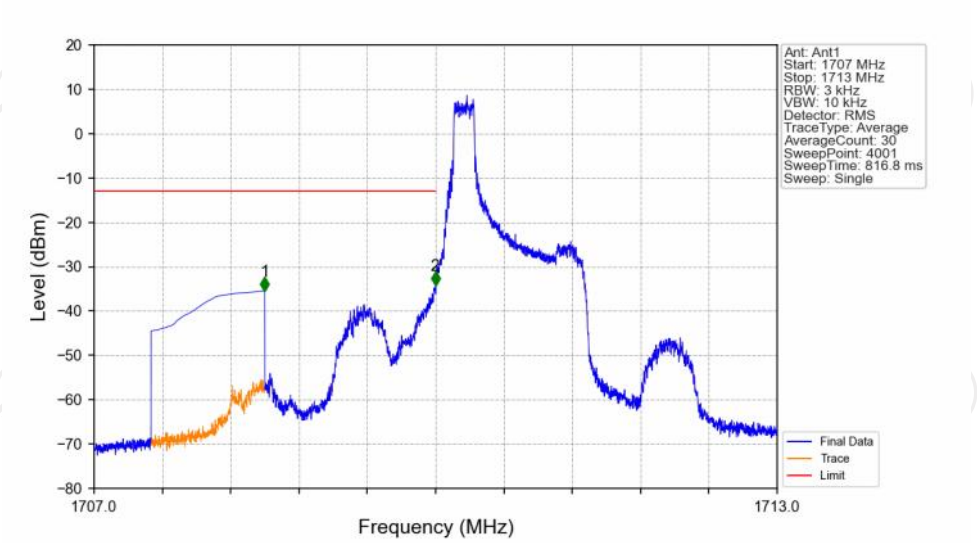
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass

		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

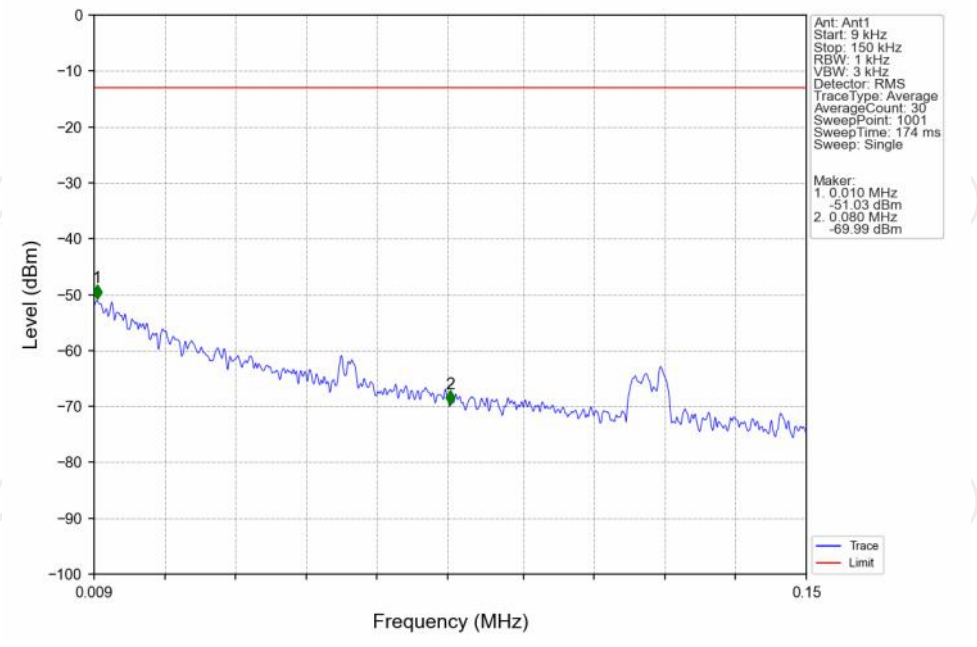
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

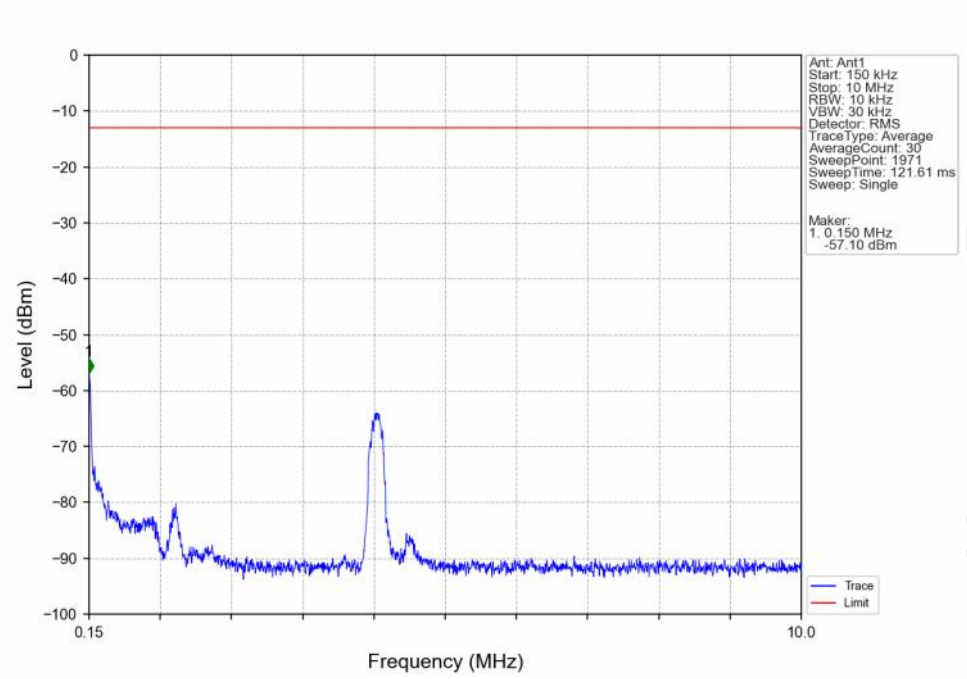


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-35.49	-13	Pass
1709	1710	0.003	/	2	1709.997	-34.25	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

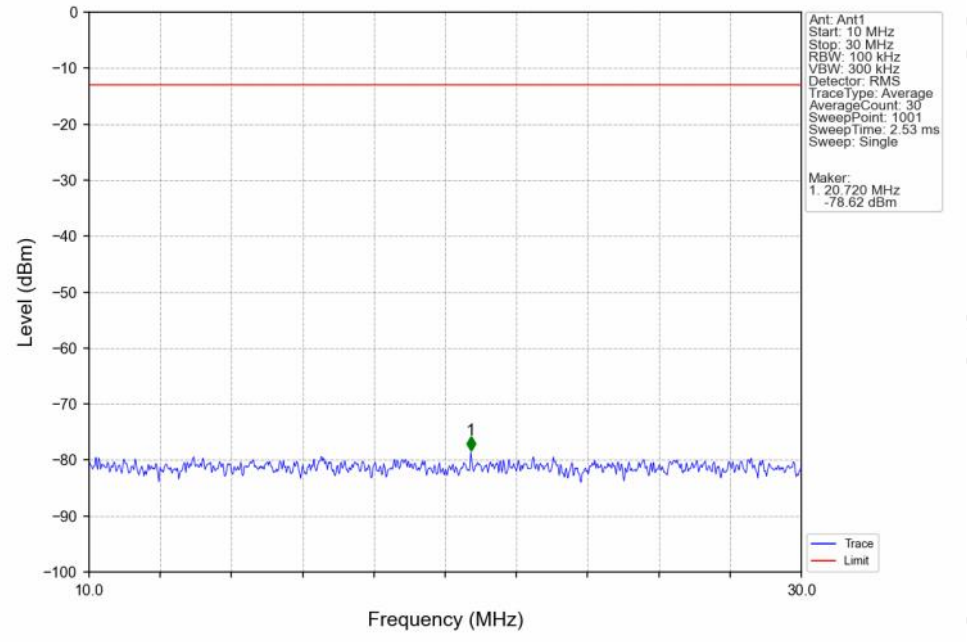
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



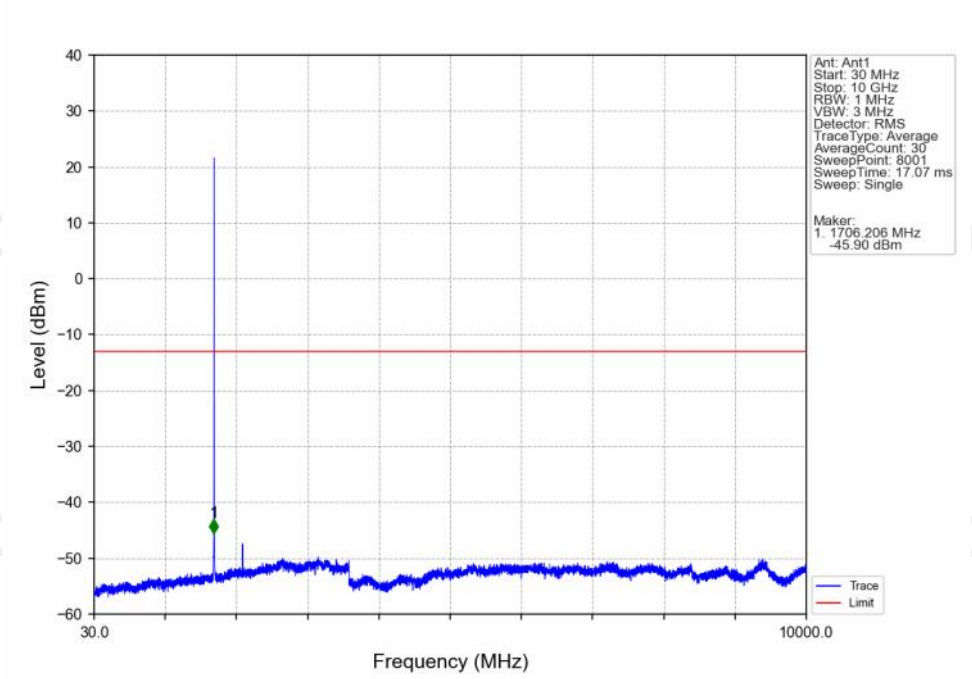
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV