

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	21.56	-5.38	16.18	<=30	Pass
			2	21.33	-5.38	15.95	<=30	Pass
			5	21.51	-5.38	16.13	<=30	Pass
		3	0	21.48	-5.38	16.10	<=30	Pass
			2	21.50	-5.38	16.12	<=30	Pass
			3	21.43	-5.38	16.05	<=30	Pass
		6	0	20.41	-5.38	15.03	<=30	Pass
	1732.5	1	0	21.18	-5.38	15.80	<=30	Pass
			2	21.42	-5.38	16.04	<=30	Pass
			5	21.28	-5.38	15.90	<=30	Pass
		3	0	21.26	-5.38	15.88	<=30	Pass
			2	21.31	-5.38	15.93	<=30	Pass
			3	21.25	-5.38	15.87	<=30	Pass
		6	0	20.19	-5.38	14.81	<=30	Pass
	1754.3	1	0	21.41	-5.38	16.03	<=30	Pass
			2	21.51	-5.38	16.13	<=30	Pass
			5	21.56	-5.38	16.18	<=30	Pass
		3	0	21.16	-5.38	15.78	<=30	Pass
			2	21.16	-5.38	15.78	<=30	Pass
			3	21.19	-5.38	15.81	<=30	Pass
		6	0	20.20	-5.38	14.82	<=30	Pass
16QAM	1710.7	1	0	20.57	-5.38	15.19	<=30	Pass
			2	20.68	-5.38	15.30	<=30	Pass
			5	20.49	-5.38	15.11	<=30	Pass
		3	0	20.58	-5.38	15.20	<=30	Pass
			2	20.66	-5.38	15.28	<=30	Pass
			3	20.54	-5.38	15.16	<=30	Pass
		6	0	19.33	-5.38	13.95	<=30	Pass
	1732.5	1	0	20.62	-5.38	15.24	<=30	Pass
			2	20.82	-5.38	15.44	<=30	Pass
			5	20.59	-5.38	15.21	<=30	Pass
		3	0	20.25	-5.38	14.87	<=30	Pass
			2	20.43	-5.38	15.05	<=30	Pass
			3	20.49	-5.38	15.11	<=30	Pass
		6	0	19.42	-5.38	14.04	<=30	Pass
	1754.3	1	0	20.21	-5.38	14.83	<=30	Pass
			2	20.31	-5.38	14.93	<=30	Pass
			5	20.15	-5.38	14.77	<=30	Pass
		3	0	20.13	-5.38	14.75	<=30	Pass
			2	20.18	-5.38	14.80	<=30	Pass
			3	20.26	-5.38	14.88	<=30	Pass
		6	0	19.19	-5.38	13.81	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	21.39	-5.38	16.01	<=30	Pass
			7	21.69	-5.38	16.31	<=30	Pass
			14	21.39	-5.38	16.01	<=30	Pass
		8	0	20.26	-5.38	14.88	<=30	Pass
			4	20.22	-5.38	14.84	<=30	Pass
			7	20.20	-5.38	14.82	<=30	Pass
		15	0	20.27	-5.38	14.89	<=30	Pass
	1732.5	1	0	21.02	-5.38	15.64	<=30	Pass
			7	21.09	-5.38	15.71	<=30	Pass
			14	21.39	-5.38	16.01	<=30	Pass
		8	0	20.02	-5.38	14.64	<=30	Pass
			4	20.05	-5.38	14.67	<=30	Pass
			7	20.09	-5.38	14.71	<=30	Pass
		15	0	20.00	-5.38	14.62	<=30	Pass
	1753.5	1	0	20.82	-5.38	15.44	<=30	Pass
			7	20.94	-5.38	15.56	<=30	Pass
			14	21.04	-5.38	15.66	<=30	Pass
		8	0	20.04	-5.38	14.66	<=30	Pass
			4	19.97	-5.38	14.59	<=30	Pass
			7	20.06	-5.38	14.68	<=30	Pass
		15	0	20.06	-5.38	14.68	<=30	Pass
16QAM	1711.5	1	0	20.49	-5.38	15.11	<=30	Pass
			7	20.27	-5.38	14.89	<=30	Pass
			14	20.05	-5.38	14.67	<=30	Pass
		8	0	19.01	-5.38	13.63	<=30	Pass
			4	19.31	-5.38	13.93	<=30	Pass
			7	19.40	-5.38	14.02	<=30	Pass
		15	0	19.25	-5.38	13.87	<=30	Pass
	1732.5	1	0	19.46	-5.38	14.08	<=30	Pass
			7	20.97	-5.38	15.59	<=30	Pass
			14	20.75	-5.38	15.37	<=30	Pass
		8	0	18.80	-5.38	13.42	<=30	Pass
			4	18.70	-5.38	13.32	<=30	Pass
			7	19.00	-5.38	13.62	<=30	Pass
		15	0	18.88	-5.38	13.50	<=30	Pass
	1753.5	1	0	20.19	-5.38	14.81	<=30	Pass
			7	20.32	-5.38	14.94	<=30	Pass
			14	20.21	-5.38	14.83	<=30	Pass
		8	0	19.08	-5.38	13.70	<=30	Pass
			4	19.19	-5.38	13.81	<=30	Pass
			7	19.19	-5.38	13.81	<=30	Pass
		15	0	18.94	-5.38	13.56	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	21.25	-5.38	15.87	<=30	Pass
			13	21.27	-5.38	15.89	<=30	Pass
			24	21.34	-5.38	15.96	<=30	Pass
		12	0	20.34	-5.38	14.96	<=30	Pass
			6	20.27	-5.38	14.89	<=30	Pass
			13	20.26	-5.38	14.88	<=30	Pass

16QAM	1732.5	25	0	20.20	-5.38	14.82	<=30	Pass
		1	0	20.75	-5.38	15.37	<=30	Pass
			13	20.76	-5.38	15.38	<=30	Pass
			24	20.98	-5.38	15.60	<=30	Pass
		12	0	19.93	-5.38	14.55	<=30	Pass
			6	19.92	-5.38	14.54	<=30	Pass
			13	19.94	-5.38	14.56	<=30	Pass
		25	0	19.97	-5.38	14.59	<=30	Pass
	1752.5	1	0	20.87	-5.38	15.49	<=30	Pass
			13	20.80	-5.38	15.42	<=30	Pass
			24	20.86	-5.38	15.48	<=30	Pass
		12	0	20.15	-5.38	14.77	<=30	Pass
			6	20.03	-5.38	14.65	<=30	Pass
			13	20.00	-5.38	14.62	<=30	Pass
		25	0	20.12	-5.38	14.74	<=30	Pass
	1712.5	1	0	19.98	-5.38	14.60	<=30	Pass
			13	19.98	-5.38	14.60	<=30	Pass
			24	19.99	-5.38	14.61	<=30	Pass
		12	0	18.85	-5.38	13.47	<=30	Pass
			6	19.16	-5.38	13.78	<=30	Pass
			13	19.13	-5.38	13.75	<=30	Pass
		25	0	19.18	-5.38	13.80	<=30	Pass
	1732.5	1	0	20.16	-5.38	14.78	<=30	Pass
			13	20.28	-5.38	14.90	<=30	Pass
			24	20.32	-5.38	14.94	<=30	Pass
		12	0	18.86	-5.38	13.48	<=30	Pass
			6	18.87	-5.38	13.49	<=30	Pass
			13	18.99	-5.38	13.61	<=30	Pass
		25	0	18.97	-5.38	13.59	<=30	Pass
	1752.5	1	0	19.19	-5.38	13.81	<=30	Pass
			13	19.26	-5.38	13.88	<=30	Pass
			24	19.42	-5.38	14.04	<=30	Pass
		12	0	19.24	-5.38	13.86	<=30	Pass
			6	19.04	-5.38	13.66	<=30	Pass
			13	19.02	-5.38	13.64	<=30	Pass
		25	0	19.07	-5.38	13.69	<=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	21.34	-5.38	15.96	<=30	Pass
			25	21.36	-5.38	15.98	<=30	Pass
			49	21.03	-5.38	15.65	<=30	Pass
		25	0	20.31	-5.38	14.93	<=30	Pass
			13	20.13	-5.38	14.75	<=30	Pass
			25	20.12	-5.38	14.74	<=30	Pass
		50	0	20.27	-5.38	14.89	<=30	Pass
	1732.5	1	0	20.88	-5.38	15.50	<=30	Pass
			25	21.14	-5.38	15.76	<=30	Pass
			49	21.09	-5.38	15.71	<=30	Pass
		25	0	19.86	-5.38	14.48	<=30	Pass
			13	19.98	-5.38	14.60	<=30	Pass
			25	19.95	-5.38	14.57	<=30	Pass
	50	0		19.85	-5.38	14.47	<=30	Pass

16QAM	1750	1	0	20.89	-5.38	15.51	<=30	Pass
			25	20.71	-5.38	15.33	<=30	Pass
			49	21.15	-5.38	15.77	<=30	Pass
		25	0	19.92	-5.38	14.54	<=30	Pass
			13	19.93	-5.38	14.55	<=30	Pass
			25	20.02	-5.38	14.64	<=30	Pass
		50	0	19.96	-5.38	14.58	<=30	Pass
	1715	1	0	20.16	-5.38	14.78	<=30	Pass
			25	20.10	-5.38	14.72	<=30	Pass
			49	19.56	-5.38	14.18	<=30	Pass
		12	0	20.33	-5.38	14.95	<=30	Pass
			19	20.39	-5.38	15.01	<=30	Pass
			38	20.17	-5.38	14.79	<=30	Pass
		27	0	19.37	-5.38	13.99	<=30	Pass
	1732.5	1	0	20.44	-5.38	15.06	<=30	Pass
			25	20.52	-5.38	15.14	<=30	Pass
			49	20.58	-5.38	15.20	<=30	Pass
		12	0	19.74	-5.38	14.36	<=30	Pass
			19	19.95	-5.38	14.57	<=30	Pass
			38	19.99	-5.38	14.61	<=30	Pass
		27	0	18.98	-5.38	13.60	<=30	Pass
	1750	1	0	20.19	-5.38	14.81	<=30	Pass
			25	20.54	-5.38	15.16	<=30	Pass
			49	20.10	-5.38	14.72	<=30	Pass
		12	0	20.10	-5.38	14.72	<=30	Pass
			19	20.04	-5.38	14.66	<=30	Pass
			38	20.04	-5.38	14.66	<=30	Pass
		27	23	19.13	-5.38	13.75	<=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	21.19	-5.38	15.81	<=30	Pass
			38	21.14	-5.38	15.76	<=30	Pass
			74	21.08	-5.38	15.70	<=30	Pass
		36	0	20.45	-5.38	15.07	<=30	Pass
			18	20.33	-5.38	14.95	<=30	Pass
			39	20.23	-5.38	14.85	<=30	Pass
		75	0	20.25	-5.38	14.87	<=30	Pass
	1732.5	1	0	20.97	-5.38	15.59	<=30	Pass
			38	20.90	-5.38	15.52	<=30	Pass
			74	21.17	-5.38	15.79	<=30	Pass
		36	0	20.05	-5.38	14.67	<=30	Pass
			18	20.13	-5.38	14.75	<=30	Pass
			39	20.02	-5.38	14.64	<=30	Pass
		75	0	19.87	-5.38	14.49	<=30	Pass
	1747.5	1	0	21.17	-5.38	15.79	<=30	Pass
			38	20.63	-5.38	15.25	<=30	Pass
			74	21.26	-5.38	15.88	<=30	Pass
		36	0	20.12	-5.38	14.74	<=30	Pass
			18	20.09	-5.38	14.71	<=30	Pass
			39	20.09	-5.38	14.71	<=30	Pass
		75	0	20.12	-5.38	14.74	<=30	Pass
16QAM	1717.5	1	0	20.41	-5.38	15.03	<=30	Pass

			38	20.26	-5.38	14.88	<=30	Pass
			74	19.64	-5.38	14.26	<=30	Pass
		12	0	20.46	-5.38	15.08	<=30	Pass
			31	20.25	-5.38	14.87	<=30	Pass
			63	20.12	-5.38	14.74	<=30	Pass
			27	0	19.36	-5.38	13.98	<=30
		1732.5	1	0	20.39	-5.38	15.01	<=30
	38			20.17	-5.38	14.79	<=30	Pass
	74			20.22	-5.38	14.84	<=30	Pass
	12		0	20.17	-5.38	14.79	<=30	Pass
			31	19.95	-5.38	14.57	<=30	Pass
			63	19.98	-5.38	14.60	<=30	Pass
	27		0	19.06	-5.38	13.68	<=30	Pass
	1747.5	1	0	20.59	-5.38	15.21	<=30	Pass
			38	19.96	-5.38	14.58	<=30	Pass
			74	20.06	-5.38	14.68	<=30	Pass
		12	0	20.41	-5.38	15.03	<=30	Pass
			31	20.09	-5.38	14.71	<=30	Pass
			63	20.10	-5.38	14.72	<=30	Pass
		27	48	19.09	-5.38	13.71	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.51	-5.38	16.13	<=30	Pass
			50	21.61	-5.38	16.23	<=30	Pass
			99	21.02	-5.38	15.64	<=30	Pass
		50	0	20.34	-5.38	14.96	<=30	Pass
			25	20.32	-5.38	14.94	<=30	Pass
			50	20.29	-5.38	14.91	<=30	Pass
		100	0	20.27	-5.38	14.89	<=30	Pass
			0	21.32	-5.38	15.94	<=30	Pass
			50	20.95	-5.38	15.57	<=30	Pass
		1	99	21.27	-5.38	15.89	<=30	Pass
			0	20.16	-5.38	14.78	<=30	Pass
			25	20.06	-5.38	14.68	<=30	Pass
	1732.5	50	50	20.16	-5.38	14.78	<=30	Pass
			0	20.14	-5.38	14.76	<=30	Pass
			0	21.10	-5.38	15.72	<=30	Pass
		1	50	21.09	-5.38	15.71	<=30	Pass
			99	21.26	-5.38	15.88	<=30	Pass
			0	20.37	-5.38	14.99	<=30	Pass
		50	25	20.36	-5.38	14.98	<=30	Pass
			50	20.18	-5.38	14.80	<=30	Pass
			0	20.22	-5.38	14.84	<=30	Pass
	1745	1	0	20.78	-5.38	15.40	<=30	Pass
			50	20.88	-5.38	15.50	<=30	Pass
			99	20.80	-5.38	15.42	<=30	Pass
		12	0	20.34	-5.38	14.96	<=30	Pass
			44	20.28	-5.38	14.90	<=30	Pass
			88	20.17	-5.38	14.79	<=30	Pass
		27	0	19.42	-5.38	14.04	<=30	Pass
			0	20.91	-5.38	15.53	<=30	Pass
			50	20.82	-5.38	15.44	<=30	Pass

		12	99	21.08	-5.38	15.70	<=30	Pass
			0	19.69	-5.38	14.31	<=30	Pass
			44	20.02	-5.38	14.64	<=30	Pass
			88	20.11	-5.38	14.73	<=30	Pass
	27	1	0	18.88	-5.38	13.50	<=30	Pass
			0	20.27	-5.38	14.89	<=30	Pass
			50	20.50	-5.38	15.12	<=30	Pass
			99	19.81	-5.38	14.43	<=30	Pass
	12	12	0	20.47	-5.38	15.09	<=30	Pass
			44	20.25	-5.38	14.87	<=30	Pass
			88	20.10	-5.38	14.72	<=30	Pass
			73	19.22	-5.38	13.84	<=30	Pass
	27	27	73	19.22	-5.38	13.84	<=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	1.974	0.0012	-2.5 to 2.5	Pass
					3.85	0.815	0.0005	-2.5 to 2.5	Pass
					4.43	1.545	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.85	0.973	0.0006	-2.5 to 2.5	Pass
					3.27	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				-30	4.43	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.27	-3.533	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.562	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	2.618	0.0015	-2.5 to 2.5	Pass
					3.85	2.289	0.0013	-2.5 to 2.5	Pass
					4.43	2.060	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				30	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.675	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.117	0.0012	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
					4.43	0.629	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.734	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-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	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.85	0.315	0.0002	-2.5 to 2.5	Pass
					4.43	0.458	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.758	0.0004	-2.5 to 2.5	Pass
					3.85	0.229	0.0001	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.601	0.0003	-2.5 to 2.5	Pass

				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.615	-0.0004	-2.5 to 2.5	Pass
					3.85	0.701	0.0004	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.001	0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.930	0.0005	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	1.359	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0003	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.329	0.0002	-2.5 to 2.5	Pass
					3.85	0.629	0.0004	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.443	0.0003	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0002	-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	2.060	0.0012	-2.5 to 2.5	Pass
					3.85	0.973	0.0006	-2.5 to 2.5	Pass
					4.43	1.502	0.0009	-2.5 to 2.5	Pass

				-30	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.974	0.0012	-2.5 to 2.5	Pass
				0	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0006	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	1.359	0.0008	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.761	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.918	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.931	0.0011	-2.5 to 2.5	Pass
					3.85	2.031	0.0012	-2.5 to 2.5	Pass
					4.43	1.545	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.974	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.146	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.631	0.0010	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.257	0.0001	-2.5 to 2.5	Pass
					3.85	0.744	0.0004	-2.5 to 2.5	Pass
					4.43	0.987	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.086	0.0000	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.532	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass

				10	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0018	-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	-2.847	-0.0017	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.317	-0.0014	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	1.144	0.0007	-2.5 to 2.5	Pass
					4.43	0.687	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				50	3.85	1.459	0.0008	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	2.003	0.0011	-2.5 to 2.5	Pass
					3.85	1.774	0.0010	-2.5 to 2.5	Pass
					4.43	1.659	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.489	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				30	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				40	3.85	1.702	0.0010	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-2.418	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.761	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	1.287	0.0007	-2.5 to 2.5	Pass
					3.85	1.144	0.0007	-2.5 to 2.5	Pass
					4.43	0.887	0.0005	-2.5 to 2.5	Pass

				-30	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0008	-2.5 to 2.5	Pass
	1750	27	23	20	3.27	2.060	0.0012	-2.5 to 2.5	Pass
					3.85	2.475	0.0014	-2.5 to 2.5	Pass
					4.43	3.033	0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.718	0.0016	-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	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	0.272	0.0002	-2.5 to 2.5	Pass
					3.85	0.315	0.0002	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0000	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.501	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass

16QAM	1717.5	27	0	50	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				20	3.27	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	0.601	0.0003	-2.5 to 2.5	Pass
					4.43	0.172	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
	1732.5	27	0	40	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				20	3.27	1.159	0.0007	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
					4.43	0.815	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1747.5	27	48	30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				20	3.27	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.85	0.486	0.0003	-2.5 to 2.5	Pass
					4.43	0.701	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-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	1.831	0.0011	-2.5 to 2.5	Pass
					3.85	0.658	0.0004	-2.5 to 2.5	Pass
					4.43	1.130	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.030	0.0006	-2.5 to 2.5	Pass
	1732.5	100	0	50	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				20	3.27	0.372	0.0002	-2.5 to 2.5	Pass
					3.85	0.830	0.0005	-2.5 to 2.5	Pass
					4.43	0.701	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0001	-2.5 to 2.5	Pass

				0	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.887	0.0005	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	1.817	0.0011	-2.5 to 2.5	Pass
					3.85	2.604	0.0015	-2.5 to 2.5	Pass
					4.43	1.974	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.974	0.0011	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	0.486	0.0003	-2.5 to 2.5	Pass
					3.85	0.386	0.0002	-2.5 to 2.5	Pass
					4.43	1.760	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.073	0.0006	-2.5 to 2.5	Pass
	1745	27	73	20	3.27	-4.020	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
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 / NTV						
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 / NTV						
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	27	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

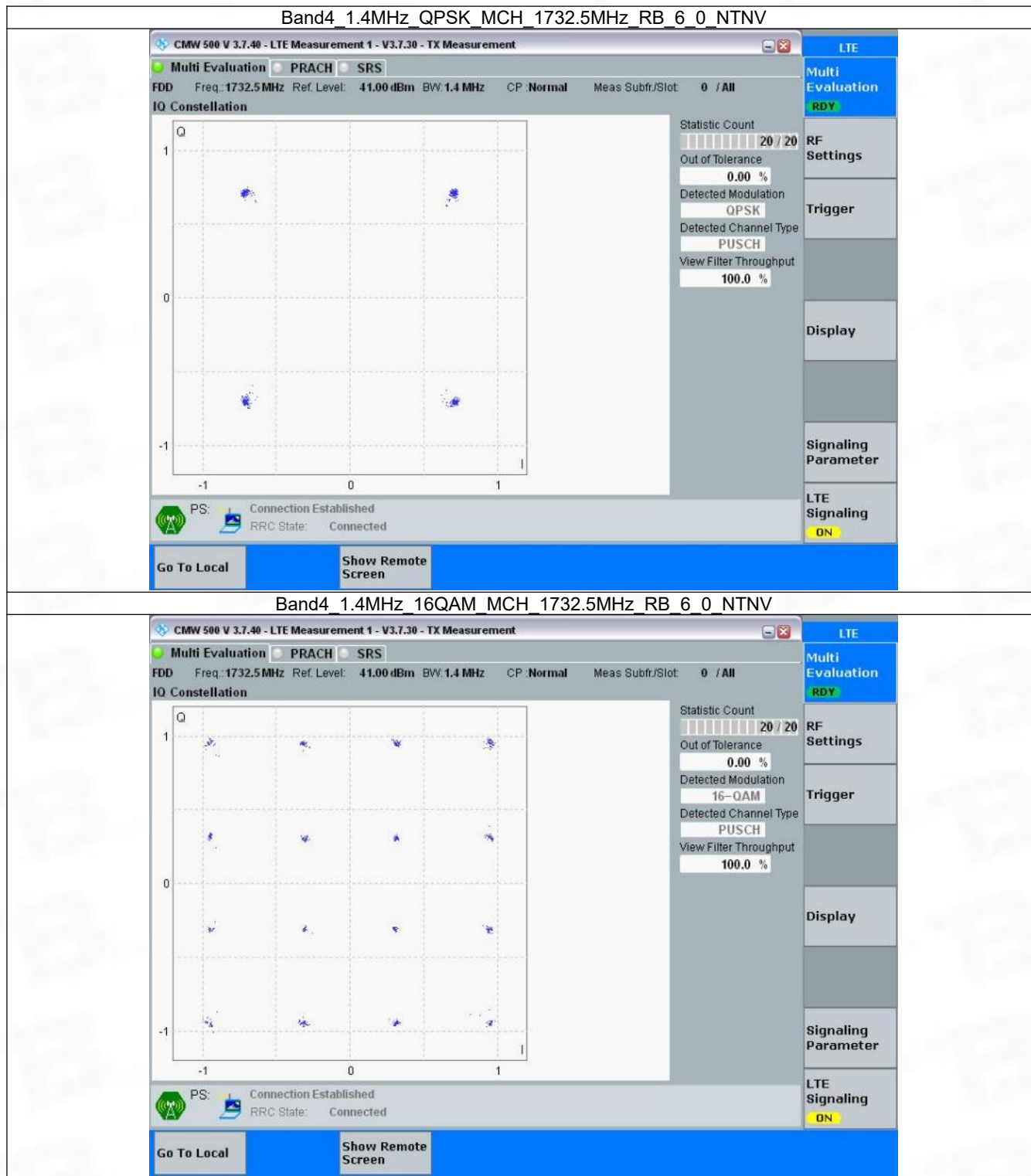
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

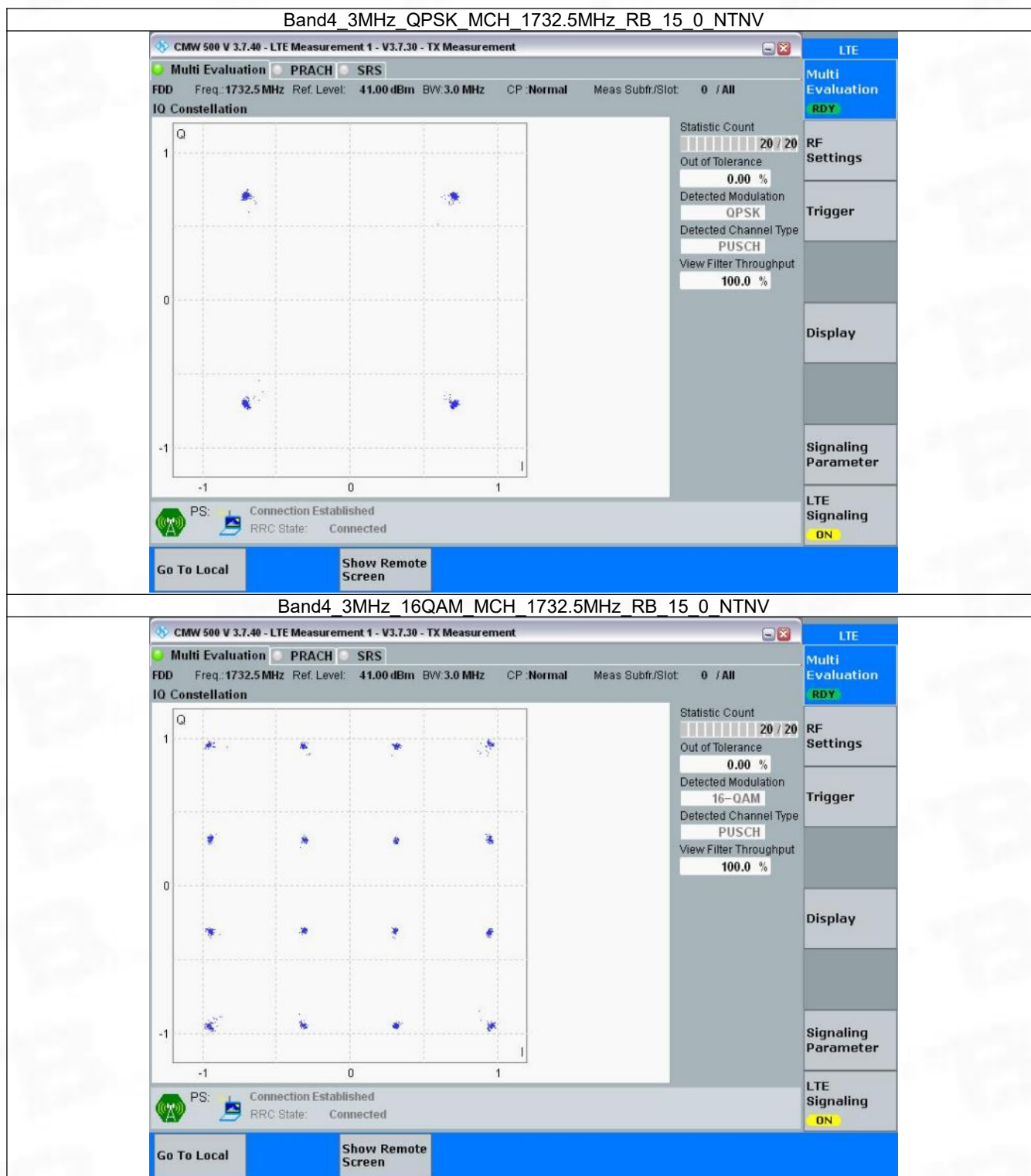
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

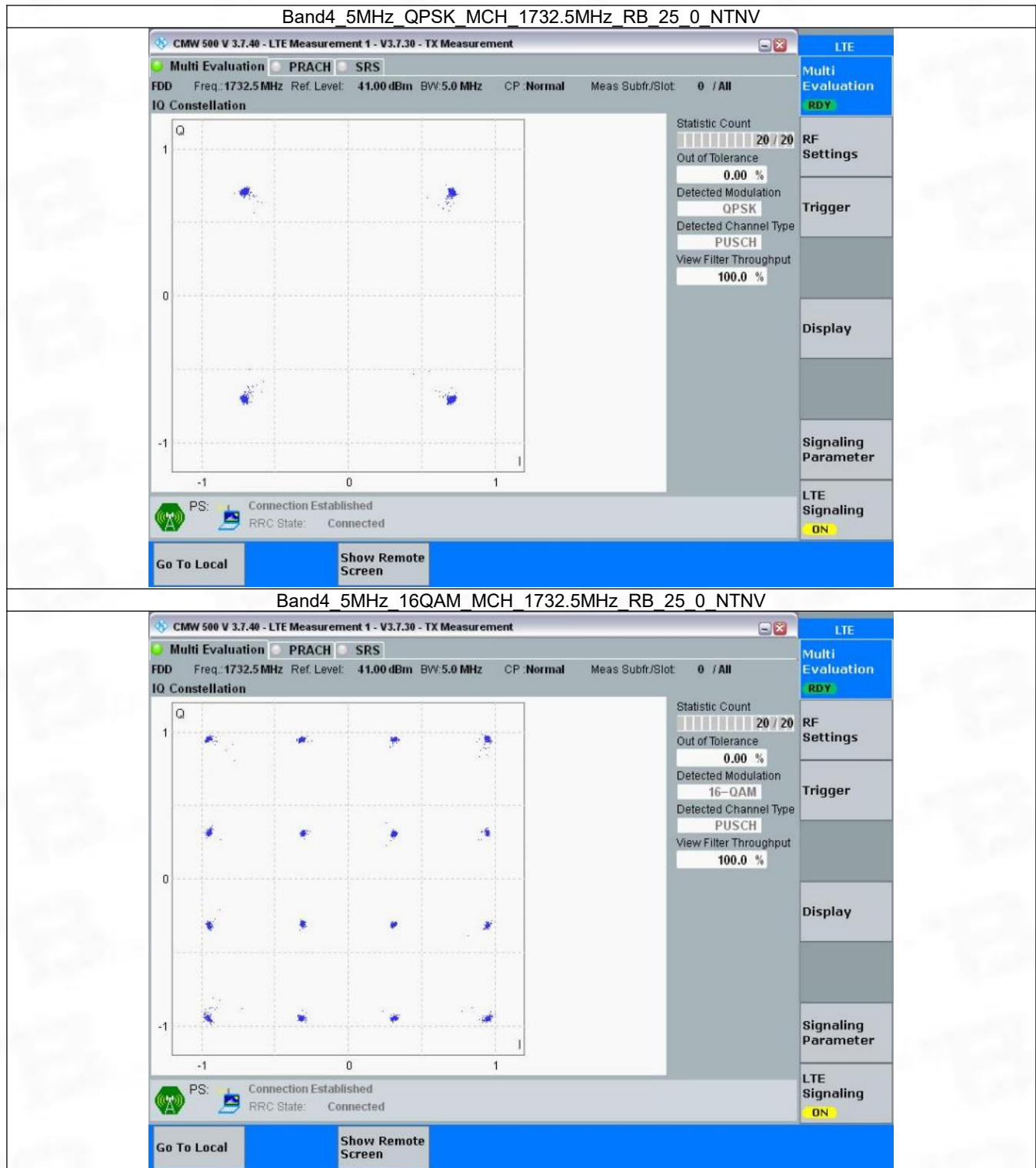
3.2.1 B4_1.4MHz



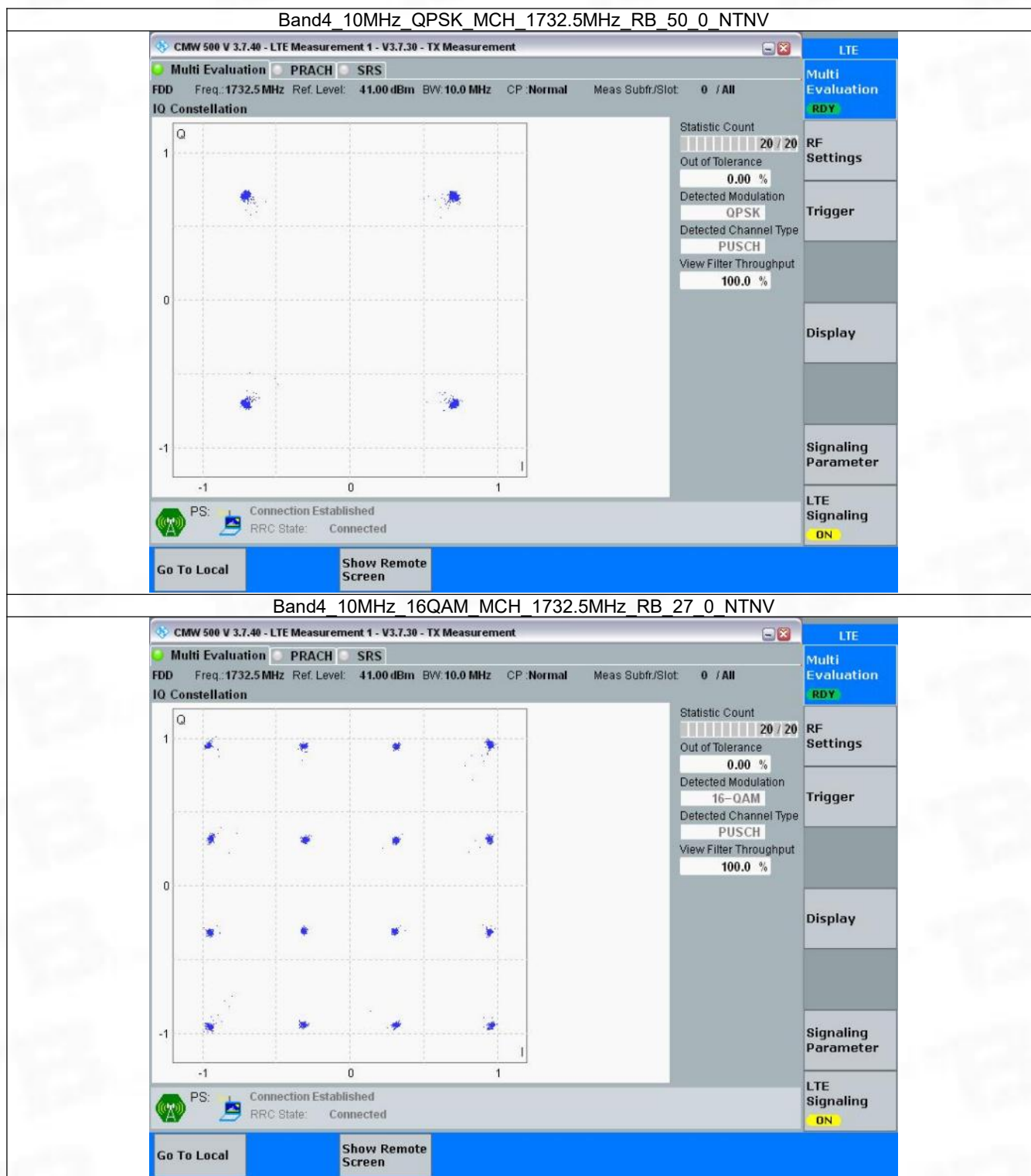
3.2.2 B4_3MHz



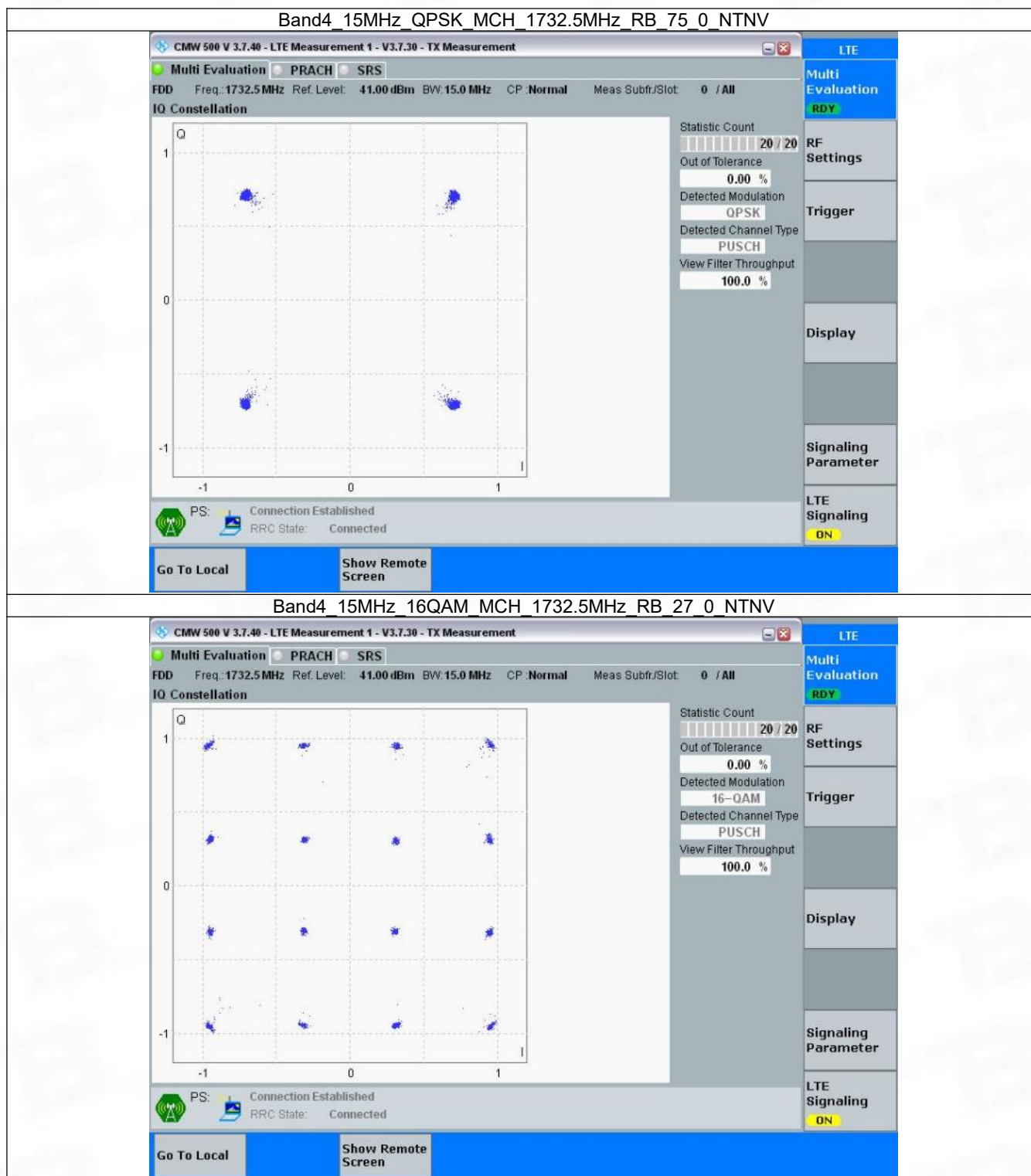
3.2.3 B4_5MHz



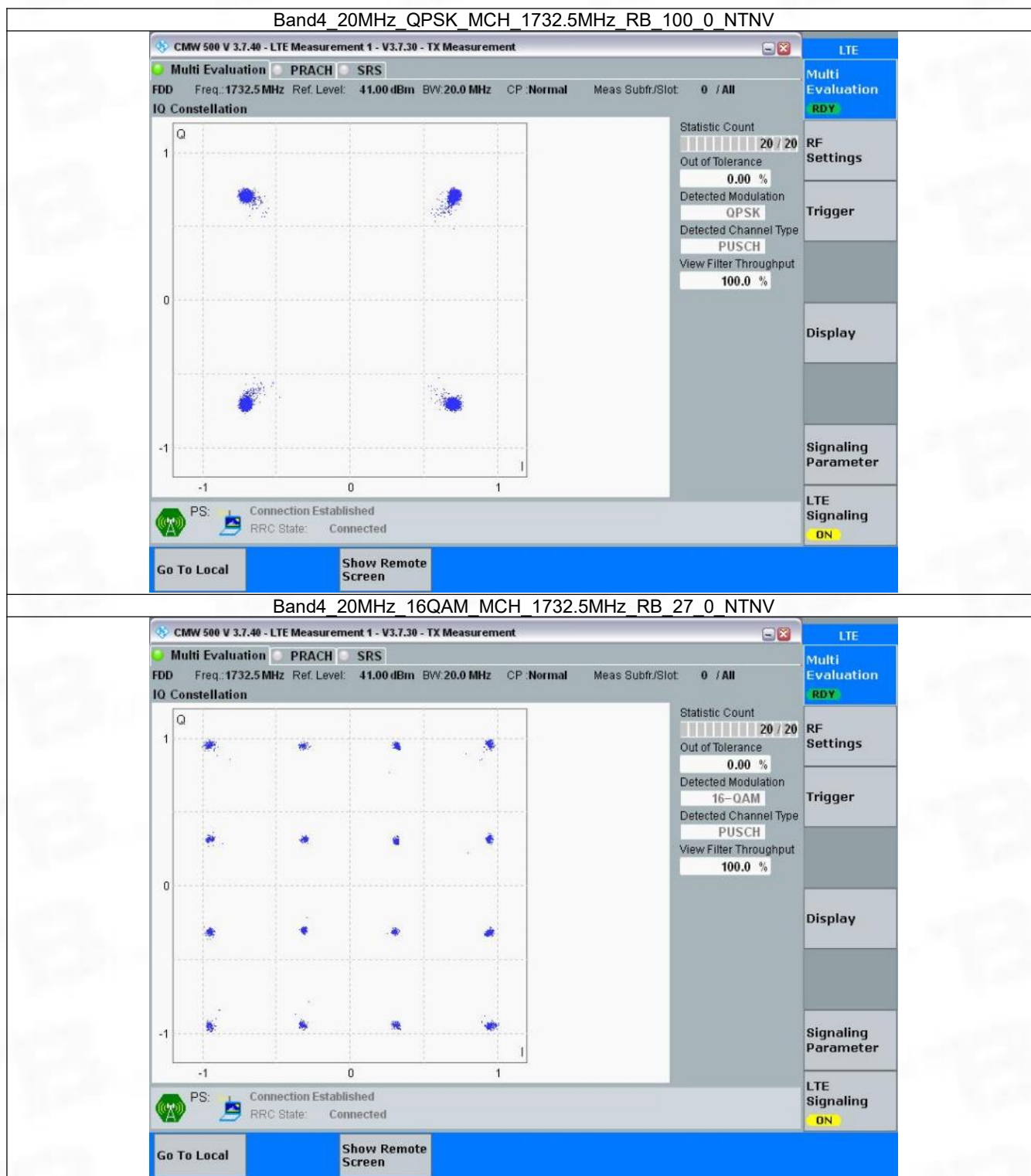
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



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	1.169	/	Pass
		1732.5	6	0	1.192	/	Pass
		1754.3	6	0	1.192	/	Pass
	16QAM	1710.7	6	0	1.179	/	Pass
		1732.5	6	0	1.177	/	Pass
		1754.3	6	0	1.171	/	Pass
3	QPSK	1711.5	15	0	2.744	/	Pass
		1732.5	15	0	2.755	/	Pass
		1753.5	15	0	2.753	/	Pass
	16QAM	1711.5	15	0	2.745	/	Pass
		1732.5	15	0	2.740	/	Pass
		1753.5	15	0	2.748	/	Pass
5	QPSK	1712.5	25	0	4.586	/	Pass
		1732.5	25	0	4.583	/	Pass
		1752.5	25	0	4.605	/	Pass
	16QAM	1712.5	25	0	4.590	/	Pass
		1732.5	25	0	4.598	/	Pass
		1752.5	25	0	4.591	/	Pass
10	QPSK	1715	50	0	9.027	/	Pass
		1732.5	50	0	9.026	/	Pass
		1750	50	0	9.060	/	Pass
	16QAM	1715	27	0	5.000	/	Pass
		1732.5	27	0	5.001	/	Pass
		1750	27	23	4.989	/	Pass
15	QPSK	1717.5	75	0	13.990	/	Pass
		1732.5	75	0	14.036	/	Pass
		1747.5	75	0	13.977	/	Pass
	16QAM	1717.5	27	0	4.972	/	Pass
		1732.5	27	0	5.036	/	Pass
		1747.5	27	48	4.998	/	Pass
20	QPSK	1720	100	0	18.364	/	Pass
		1732.5	100	0	18.403	/	Pass
		1745	100	0	18.186	/	Pass
	16QAM	1720	27	0	5.014	/	Pass
		1732.5	27	0	5.023	/	Pass
		1745	27	73	5.016	/	Pass

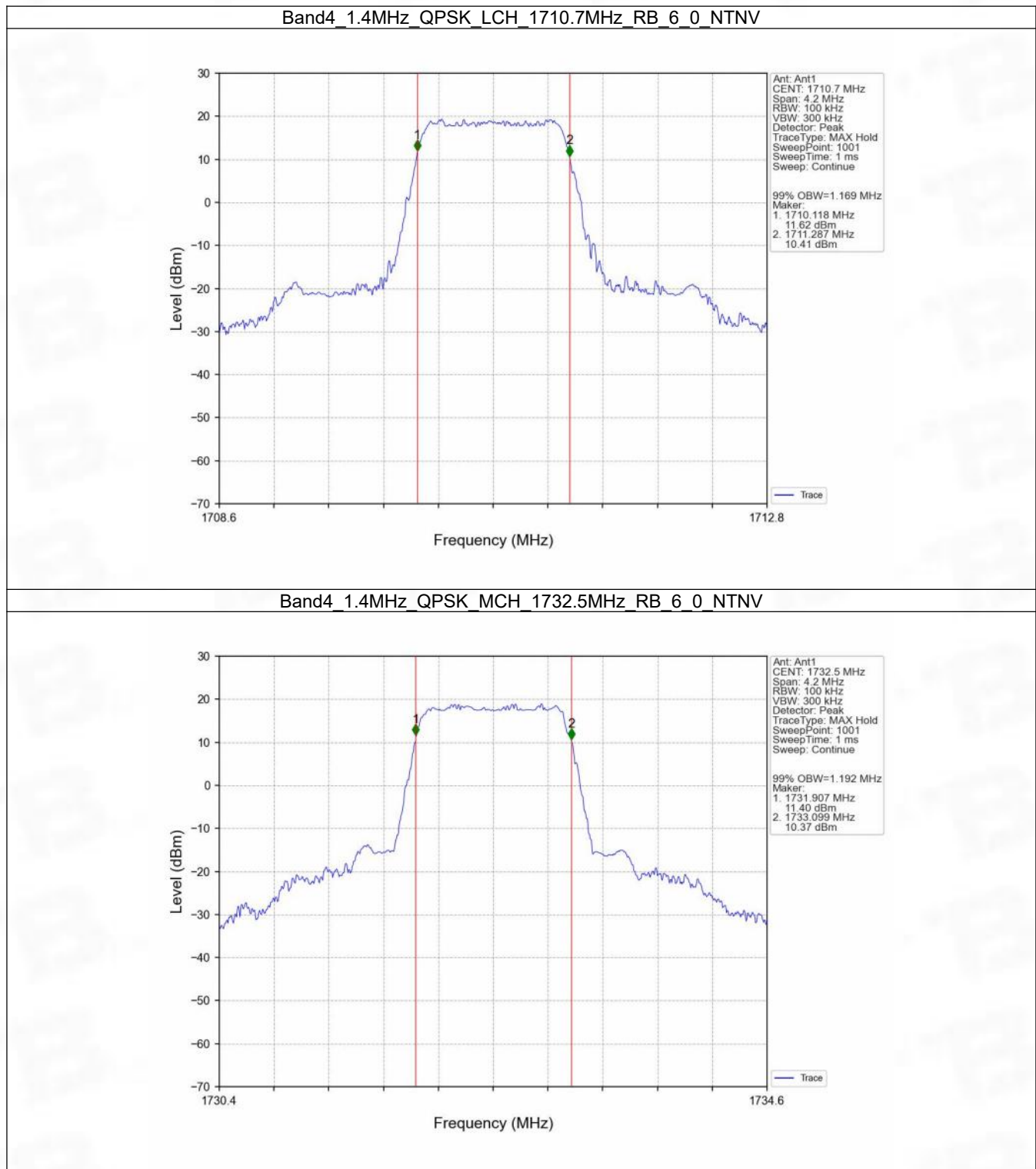
4.1.2 Band4_XDB

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	1.402	/	Pass
		1732.5	6	0	1.418	/	Pass
		1754.3	6	0	1.438	/	Pass

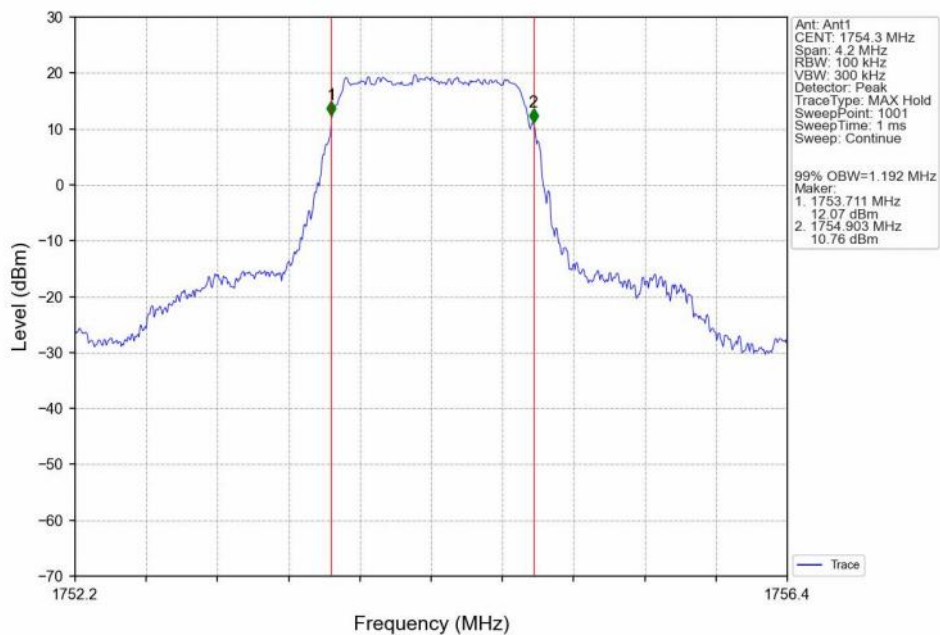
	16QAM	1710.7	6	0	1.417	/	Pass
		1732.5	6	0	1.417	/	Pass
		1754.3	6	0	1.412	/	Pass
3	QPSK	1711.5	15	0	3.053	/	Pass
		1732.5	15	0	3.045	/	Pass
		1753.5	15	0	3.083	/	Pass
	16QAM	1711.5	15	0	3.069	/	Pass
		1732.5	15	0	3.082	/	Pass
		1753.5	15	0	3.072	/	Pass
5	QPSK	1712.5	25	0	5.158	/	Pass
		1732.5	25	0	5.179	/	Pass
		1752.5	25	0	5.164	/	Pass
	16QAM	1712.5	25	0	5.204	/	Pass
		1732.5	25	0	5.168	/	Pass
		1752.5	25	0	5.177	/	Pass
10	QPSK	1715	50	0	10.039	/	Pass
		1732.5	50	0	10.065	/	Pass
		1750	50	0	10.056	/	Pass
	16QAM	1715	27	0	5.860	/	Pass
		1732.5	27	0	5.835	/	Pass
		1750	27	23	5.858	/	Pass
15	QPSK	1717.5	75	0	15.908	/	Pass
		1732.5	75	0	15.925	/	Pass
		1747.5	75	0	15.883	/	Pass
	16QAM	1717.5	27	0	5.878	/	Pass
		1732.5	27	0	5.831	/	Pass
		1747.5	27	48	7.235	/	Pass
20	QPSK	1720	100	0	20.434	/	Pass
		1732.5	100	0	20.574	/	Pass
		1745	100	0	20.310	/	Pass
	16QAM	1720	27	0	6.311	/	Pass
		1732.5	27	0	6.104	/	Pass
		1745	27	73	5.808	/	Pass

4.2 Test Graph

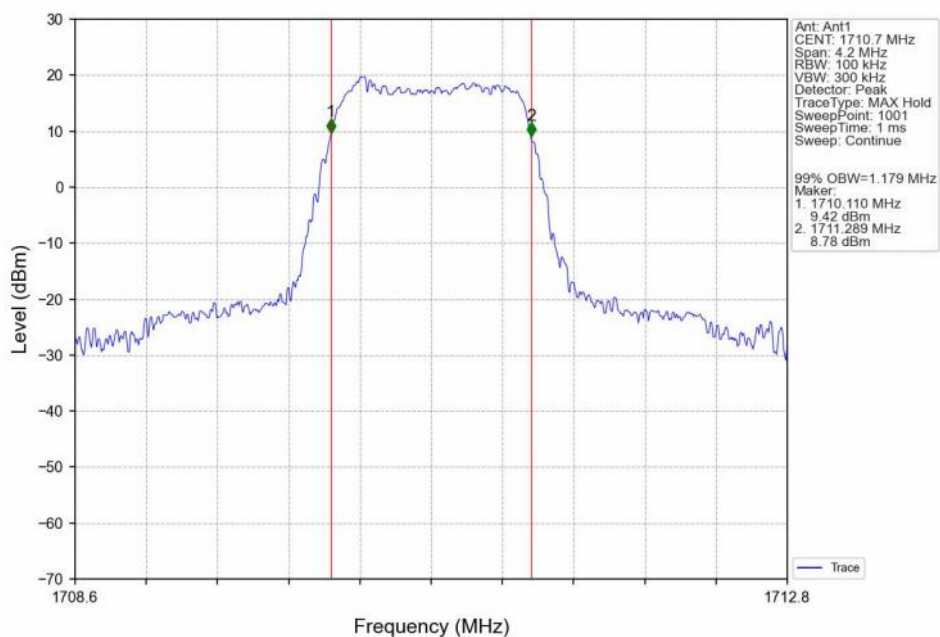
4.2.1 Band4_OBW



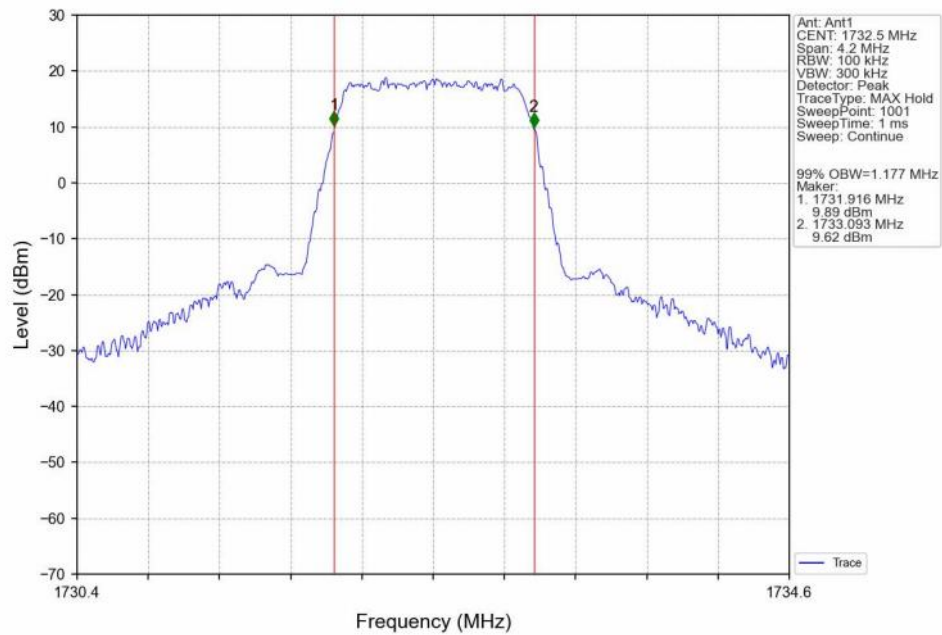
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



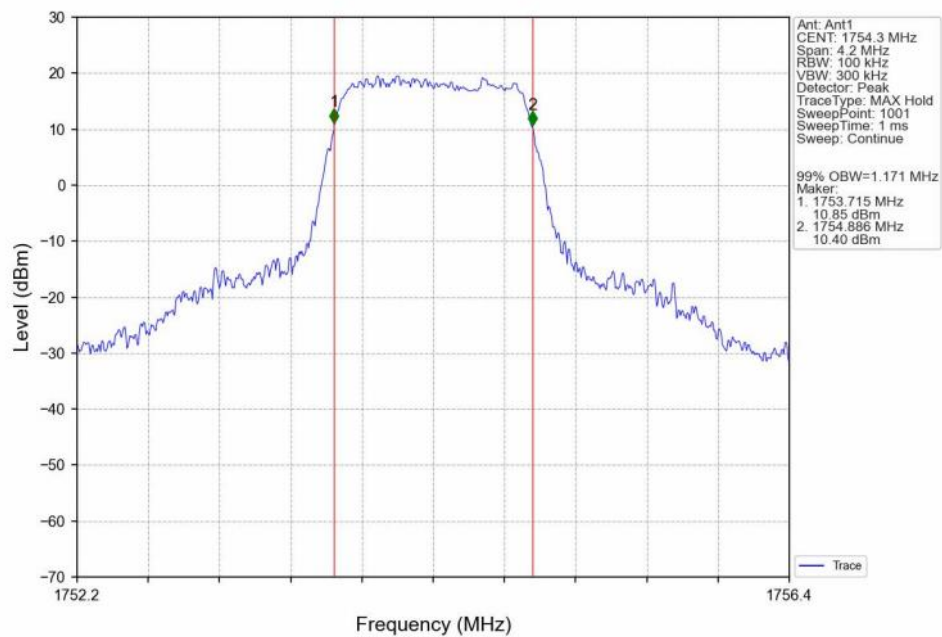
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



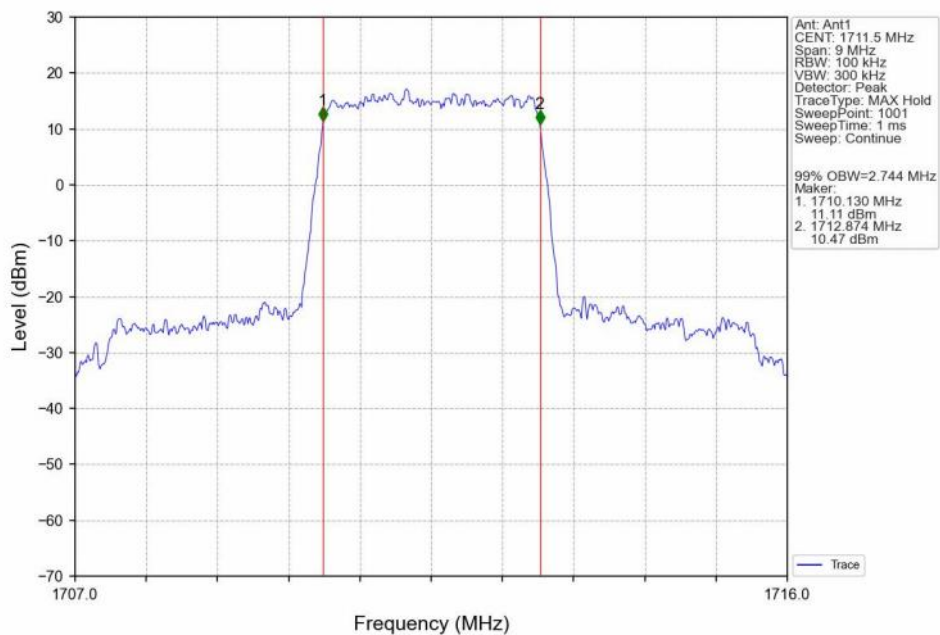
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



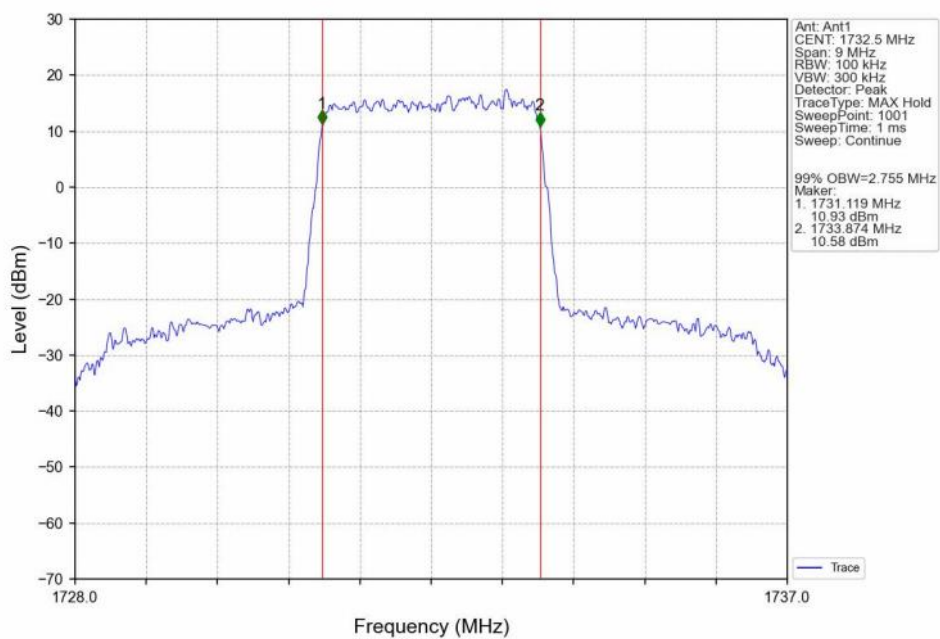
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



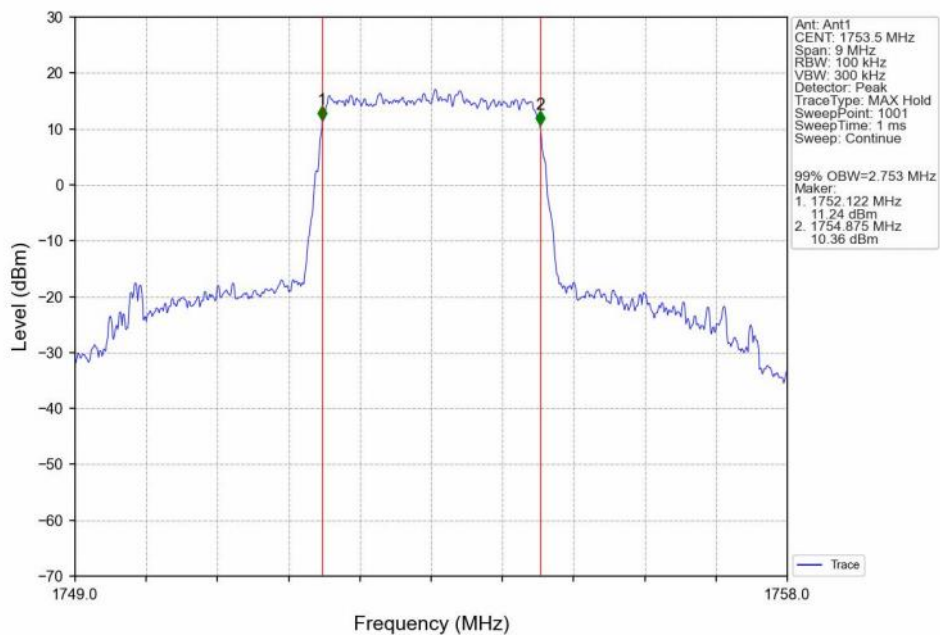
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



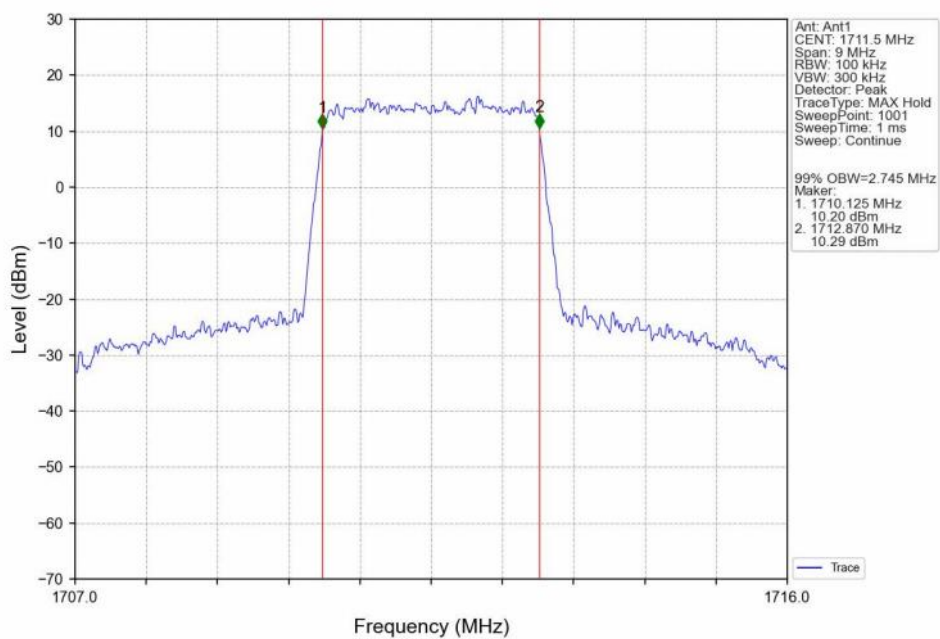
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



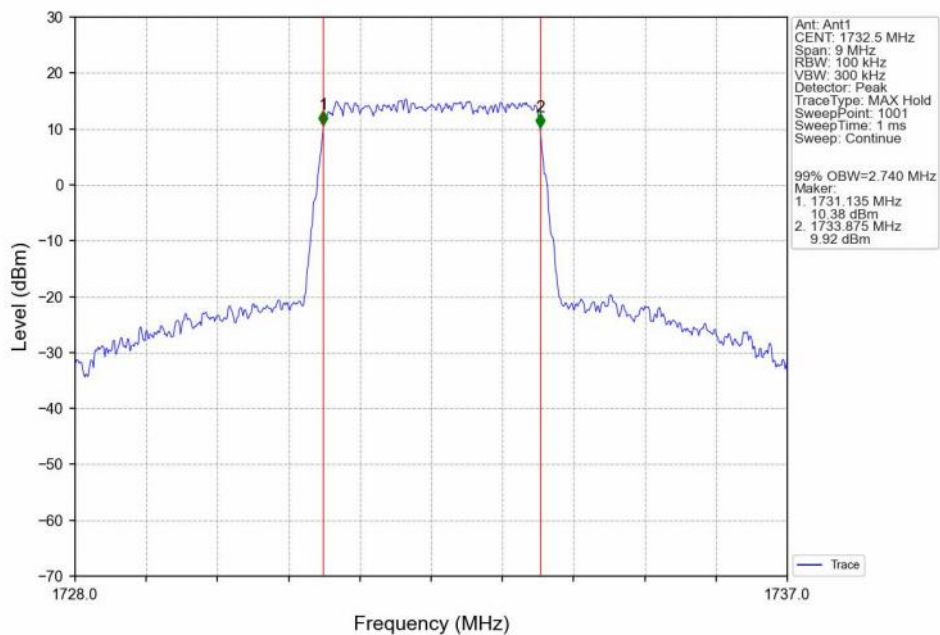
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



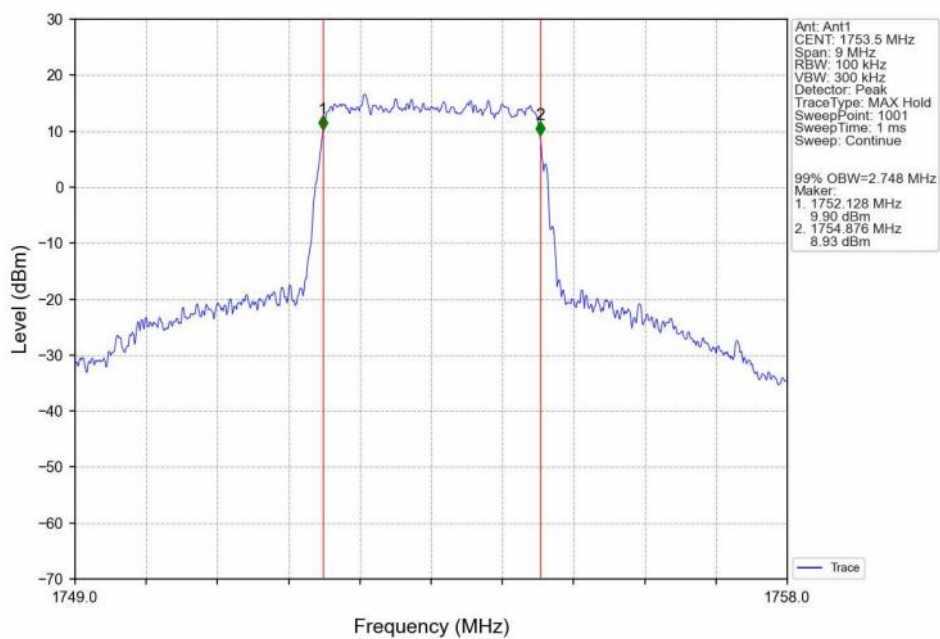
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



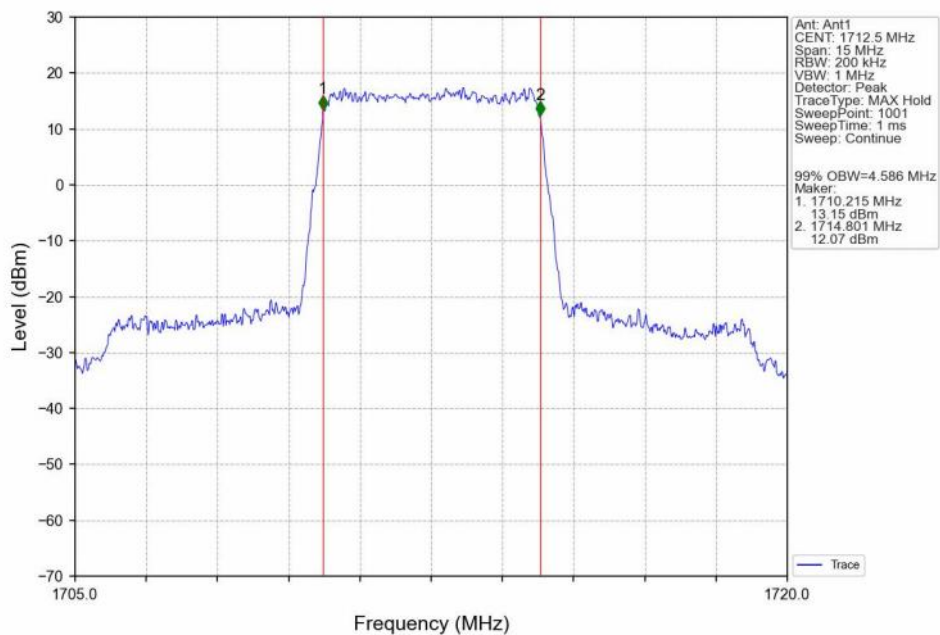
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



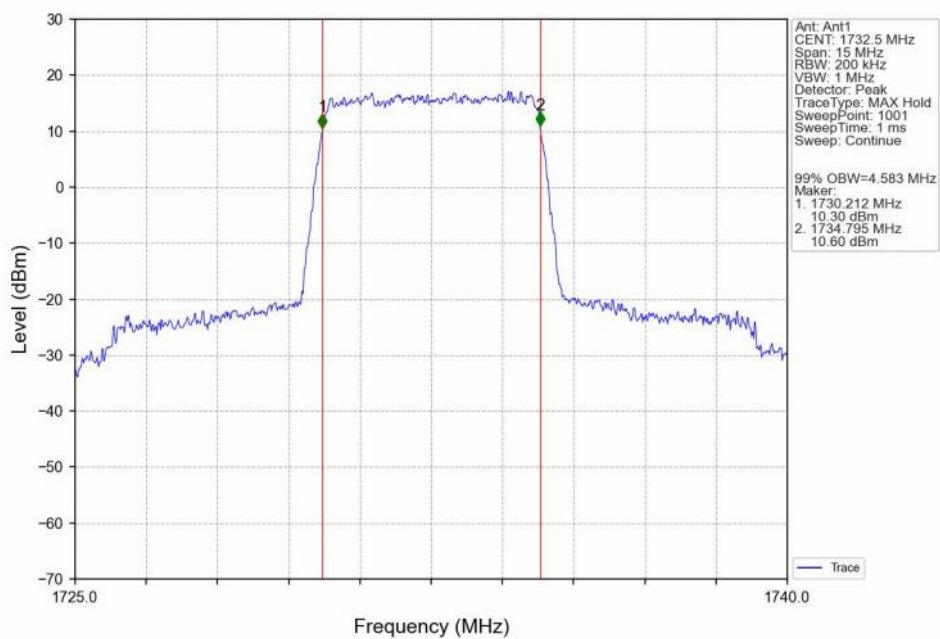
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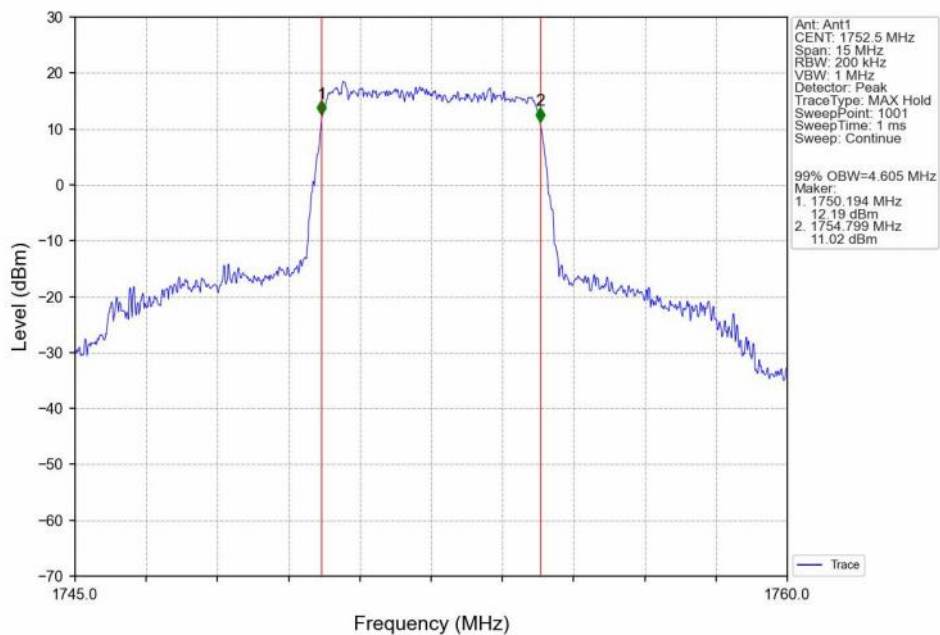
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



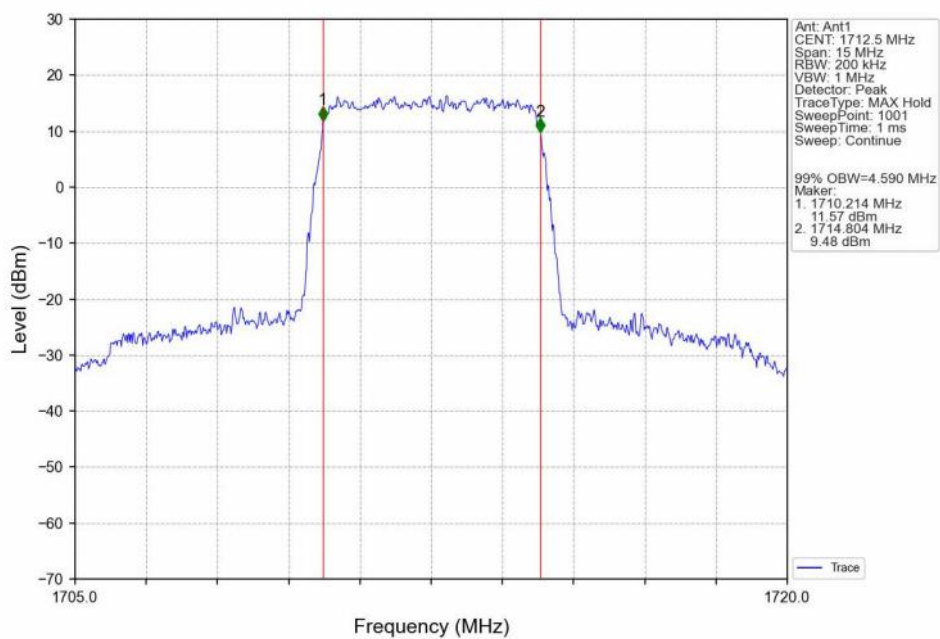
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



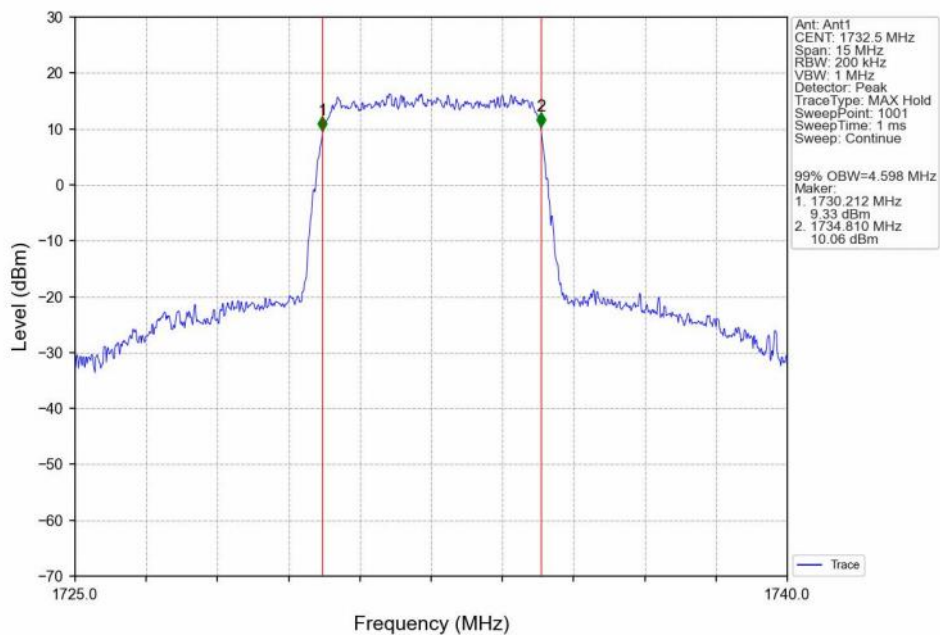
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



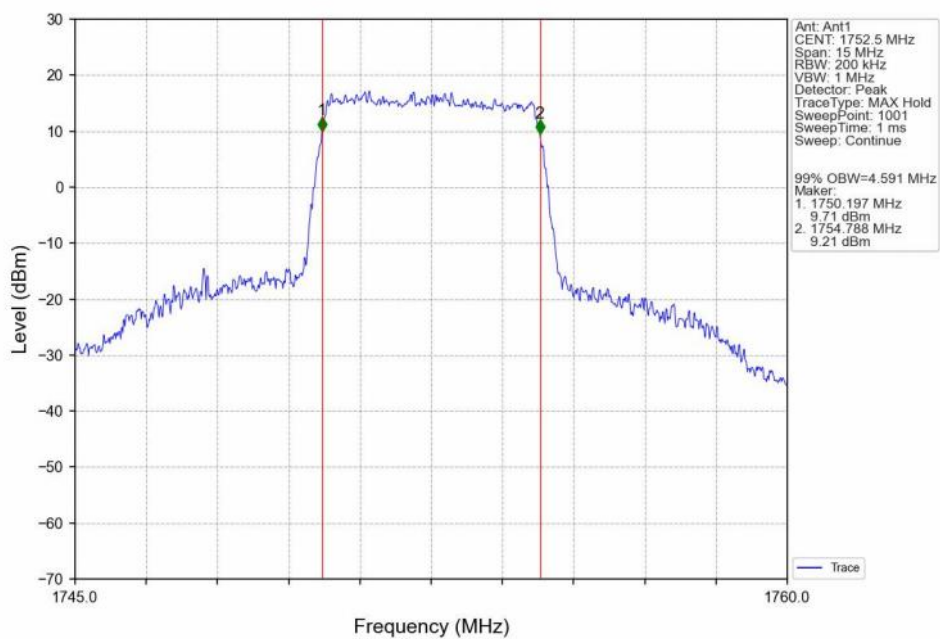
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



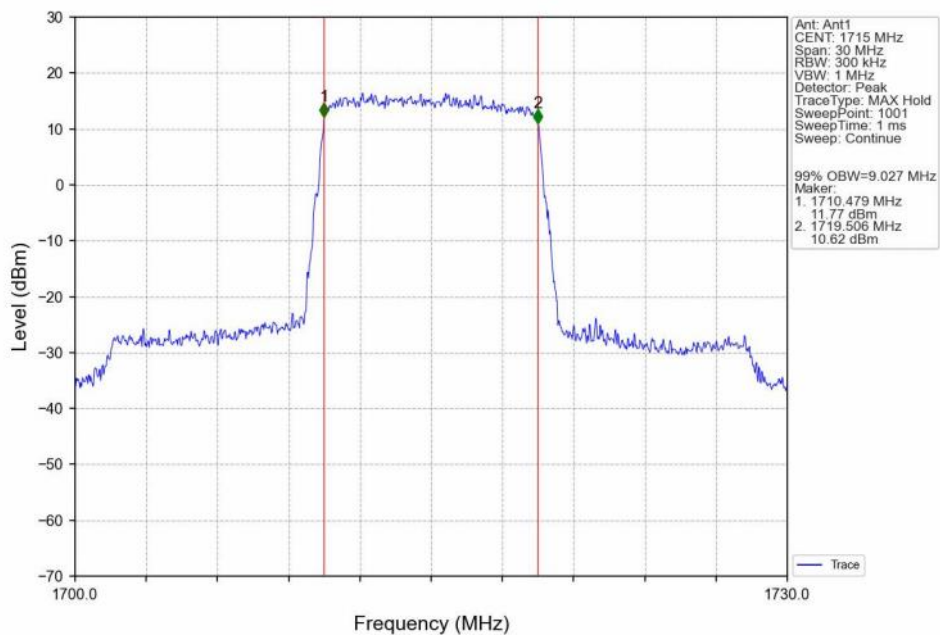
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



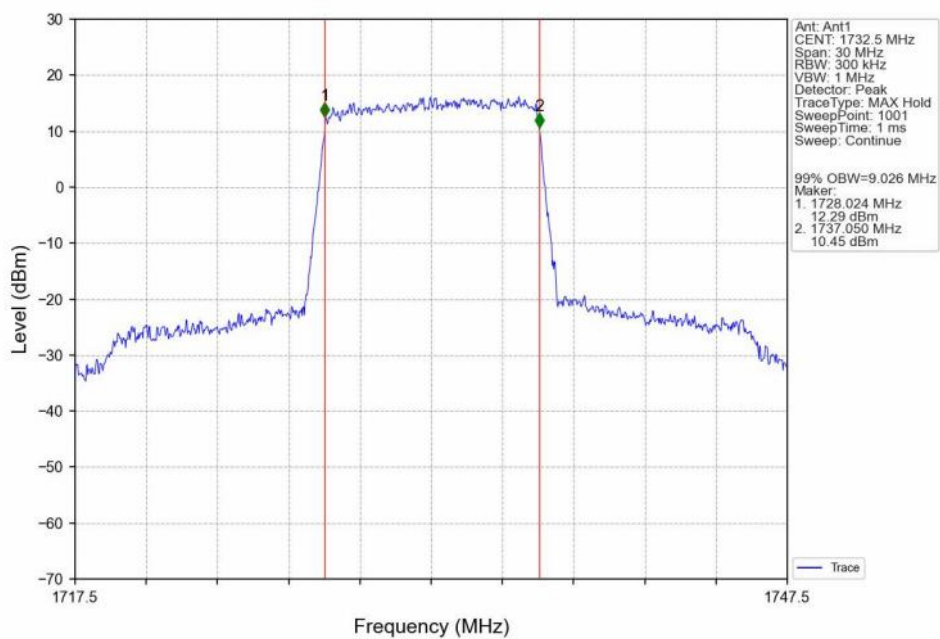
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



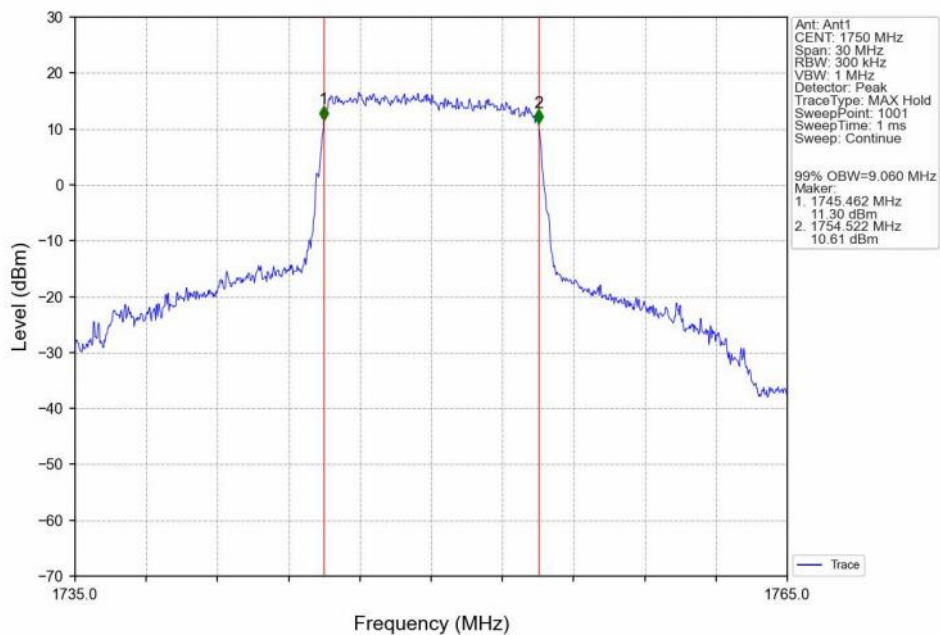
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



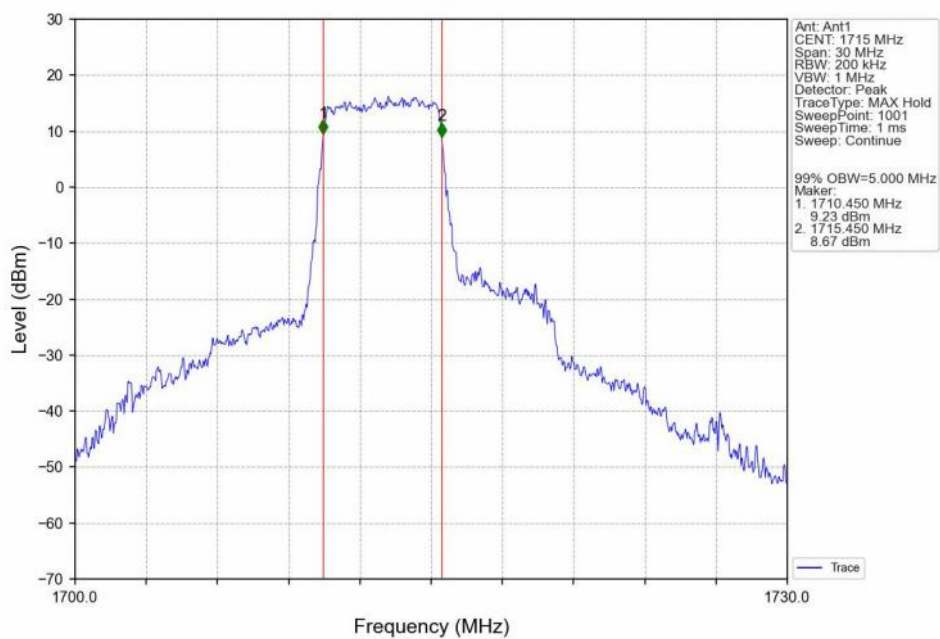
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



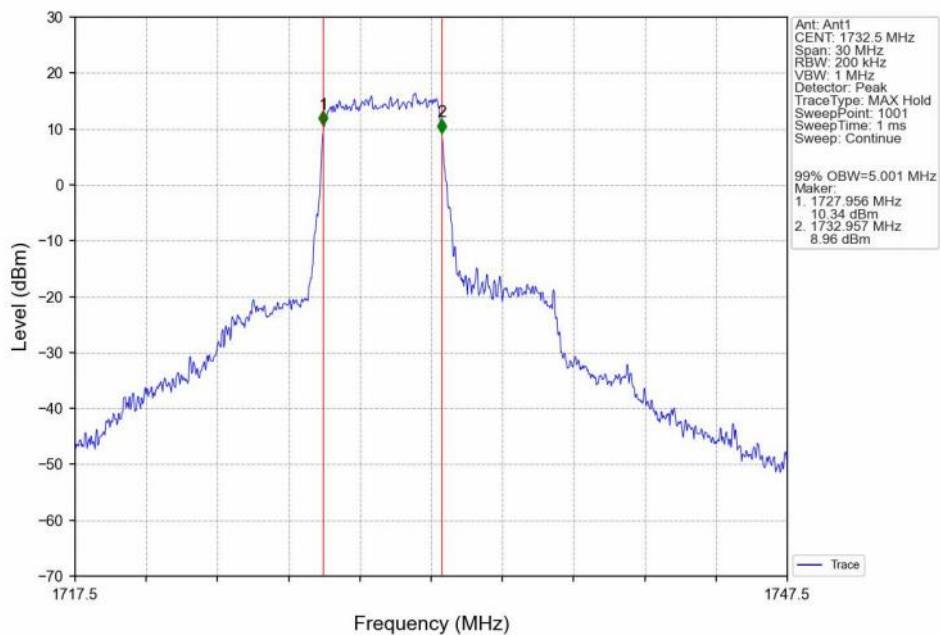
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



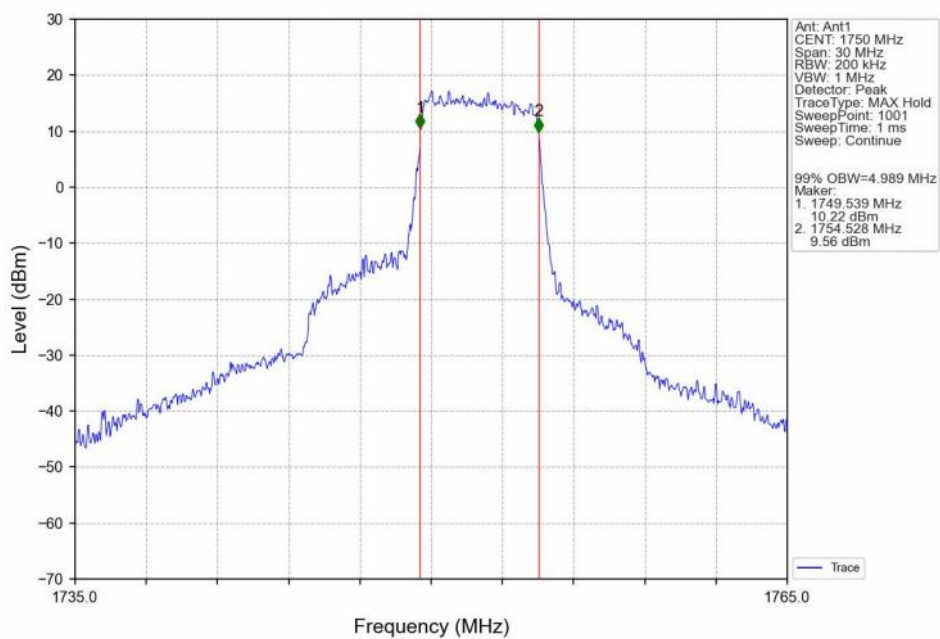
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



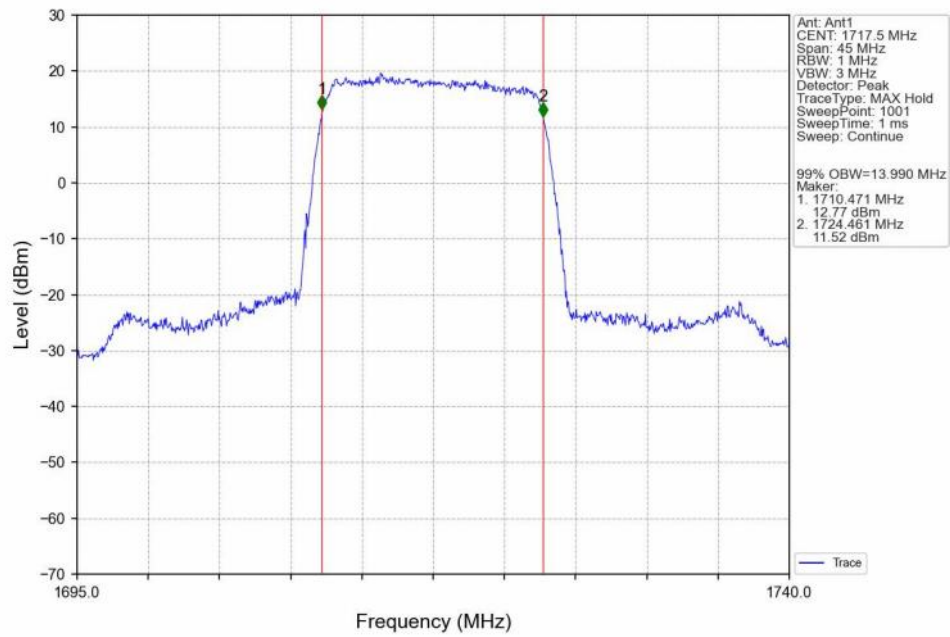
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



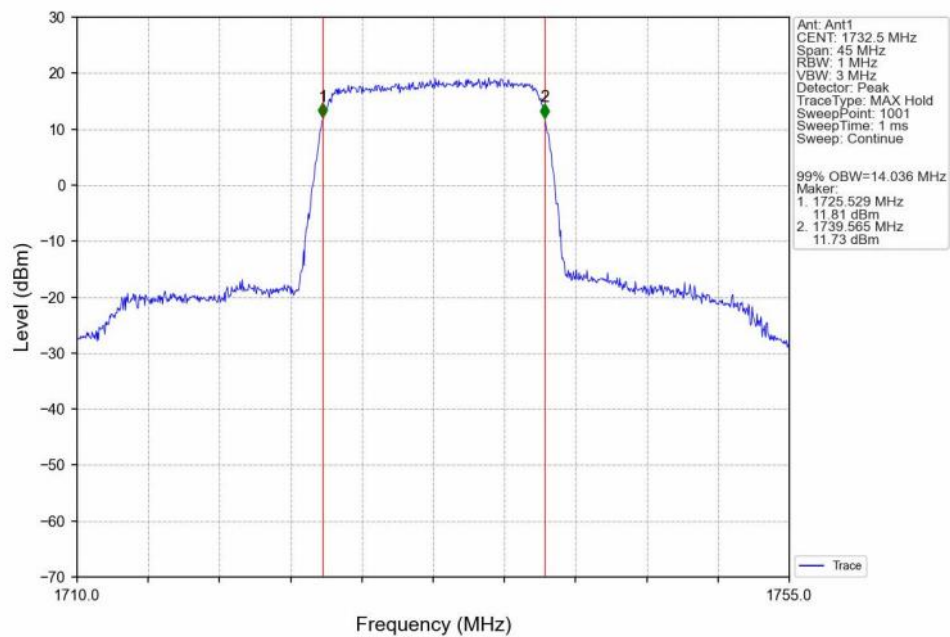
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



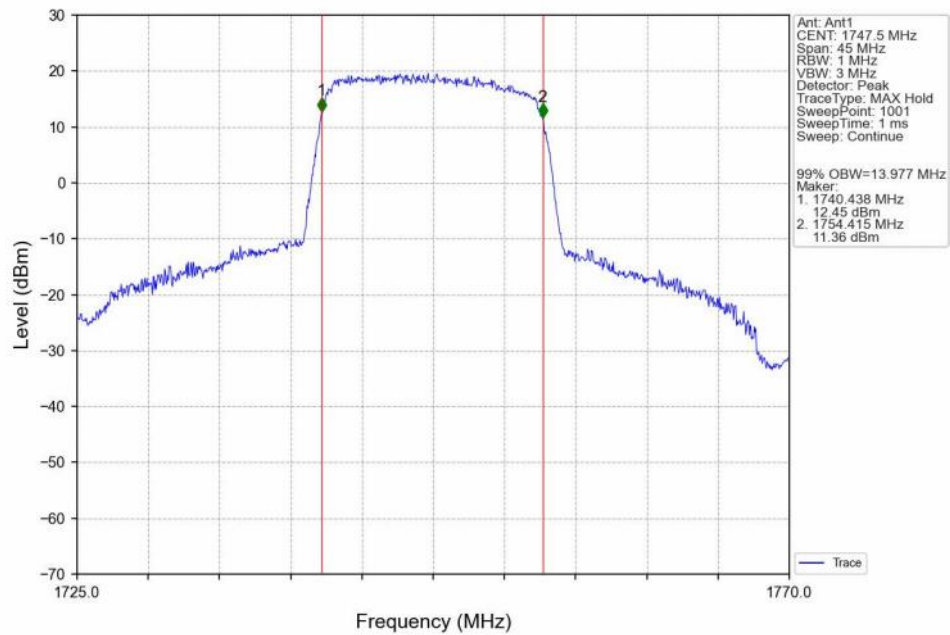
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



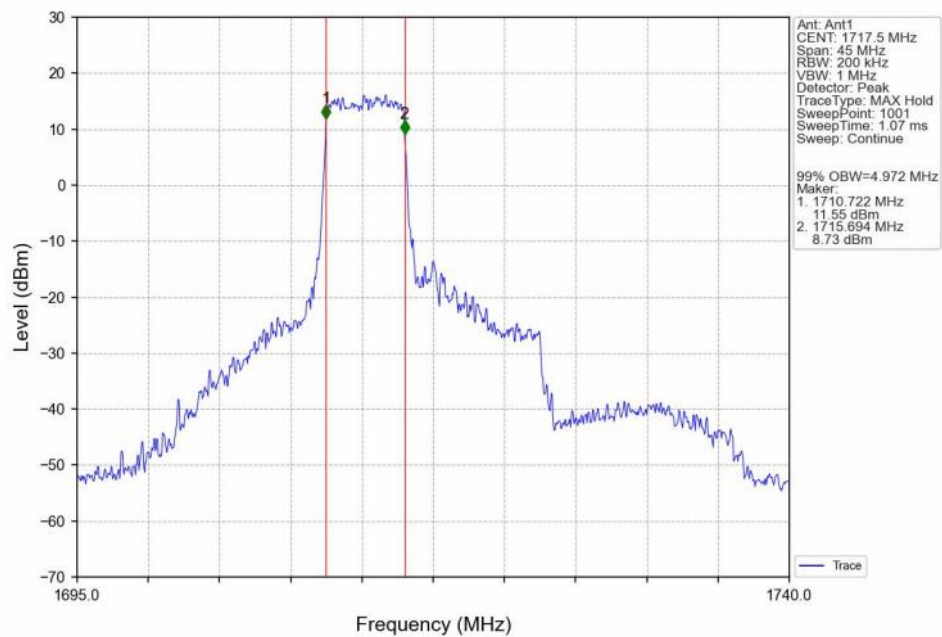
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



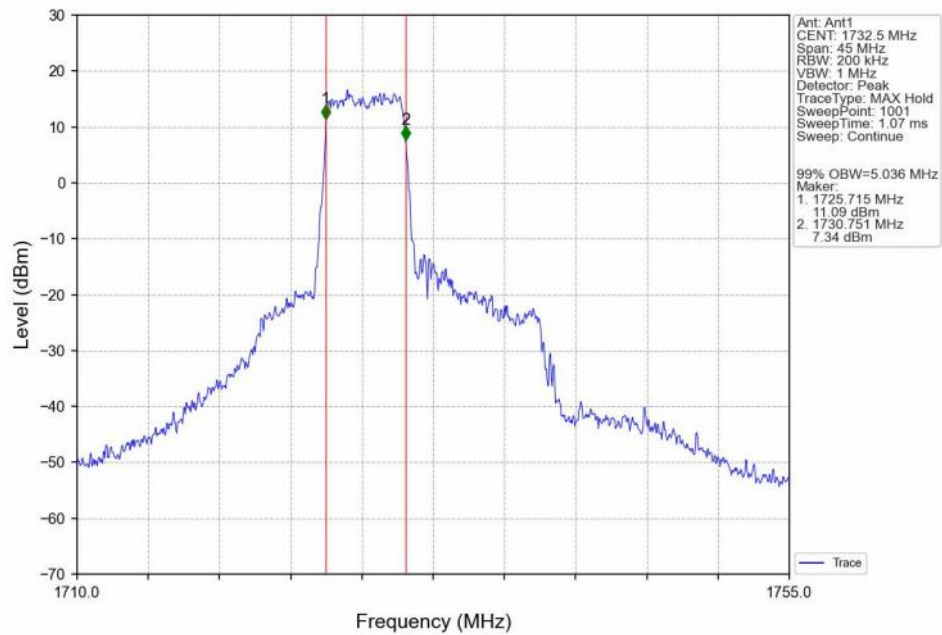
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



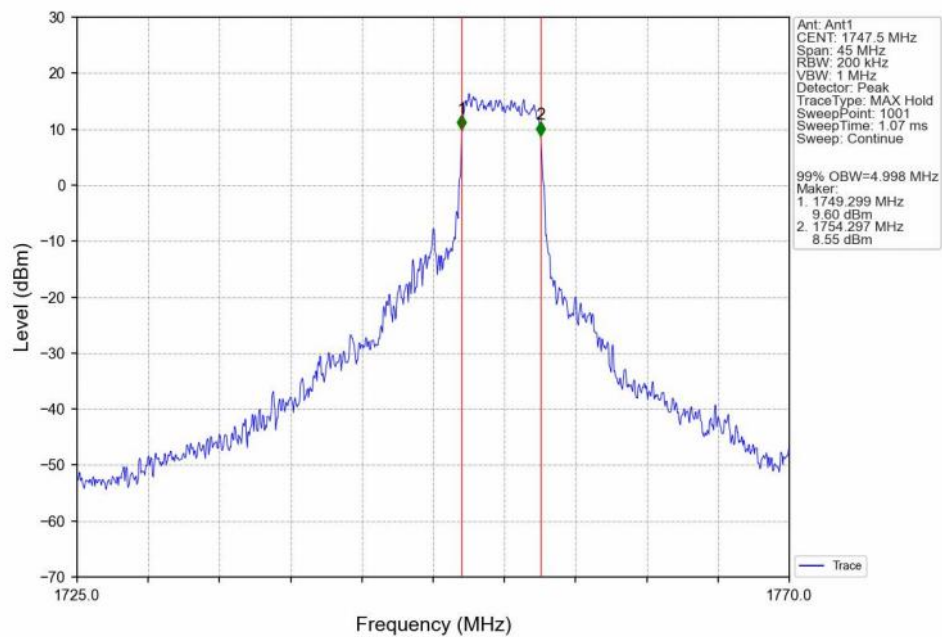
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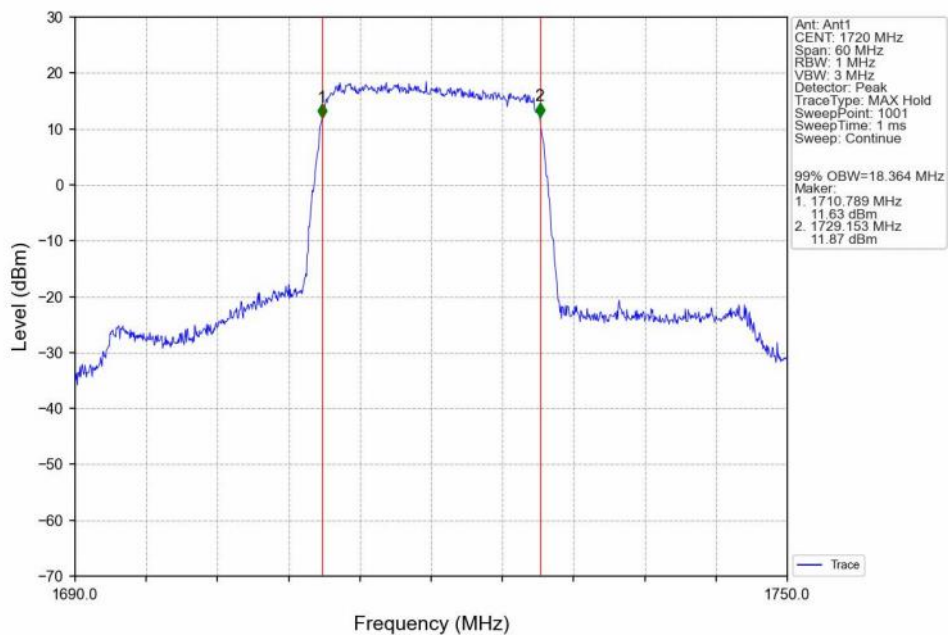
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



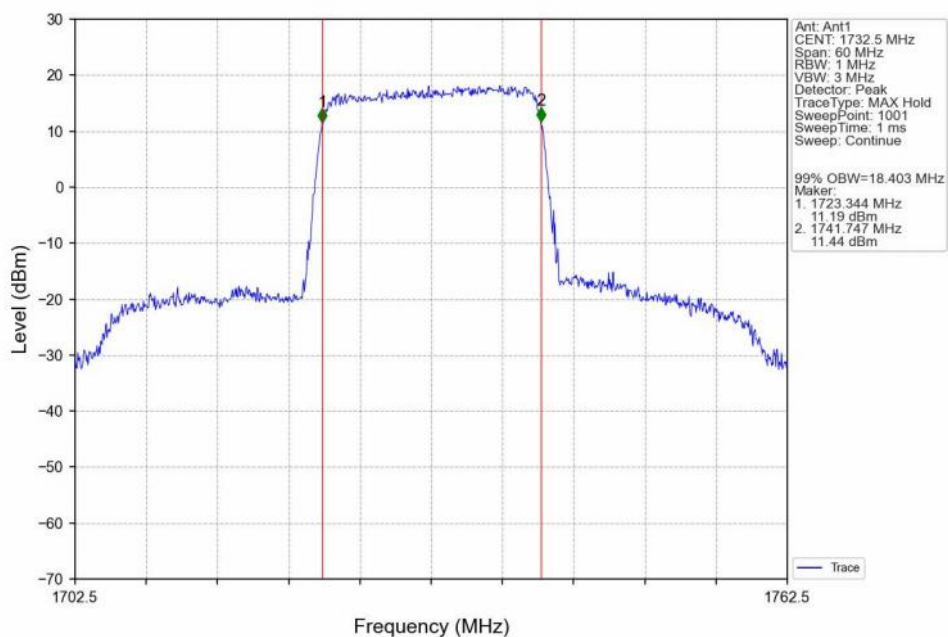
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



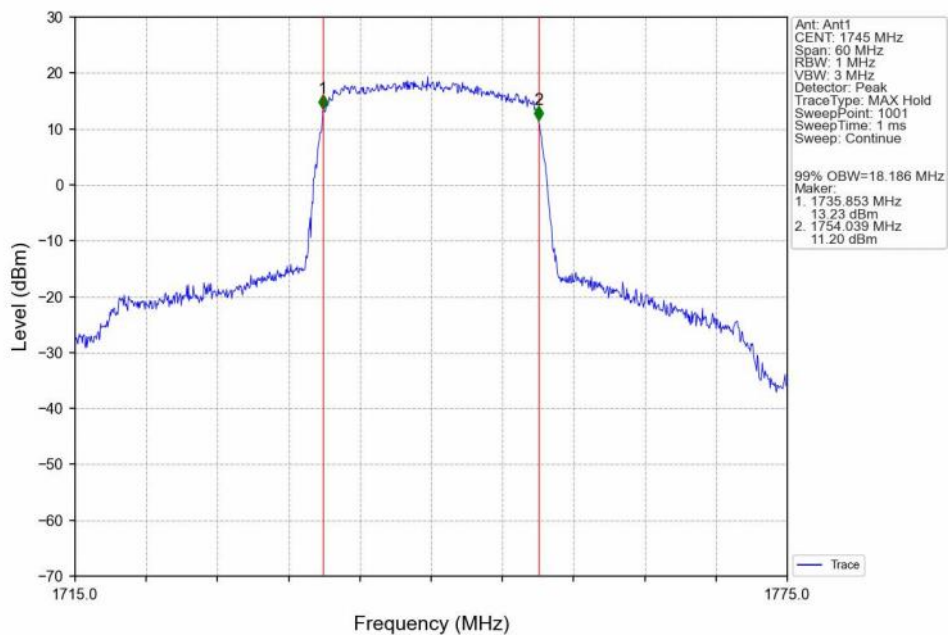
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



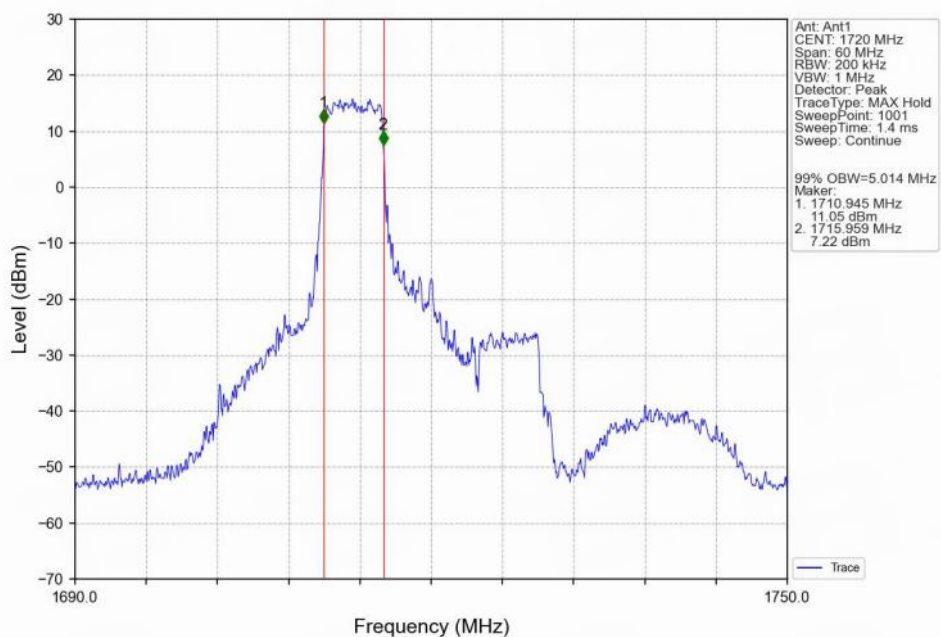
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



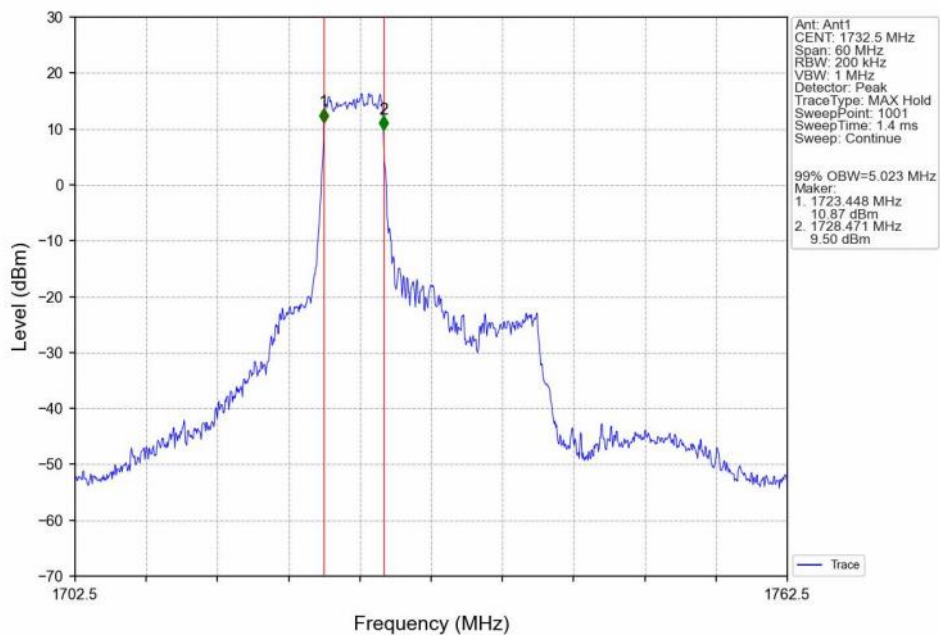
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



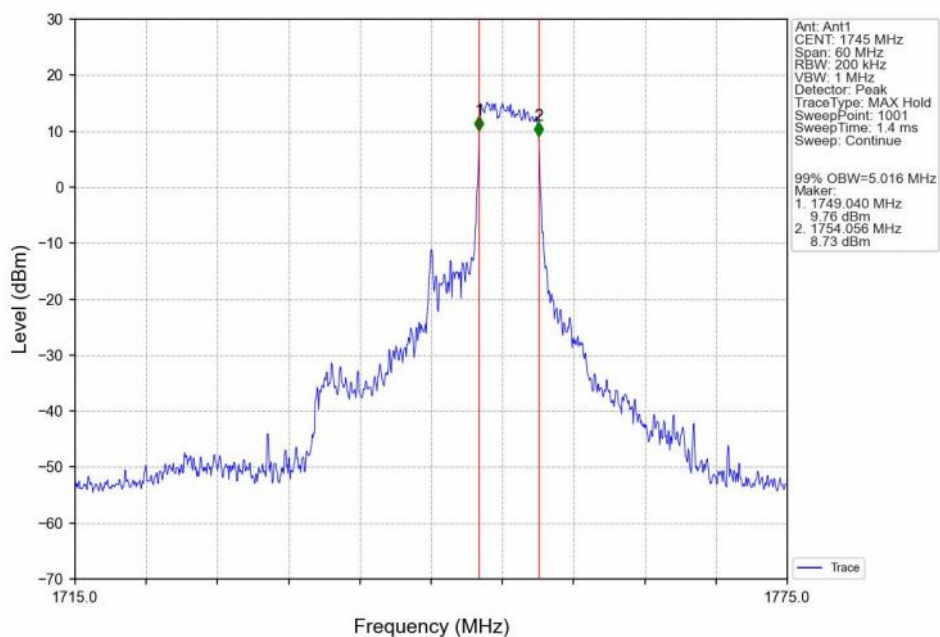
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



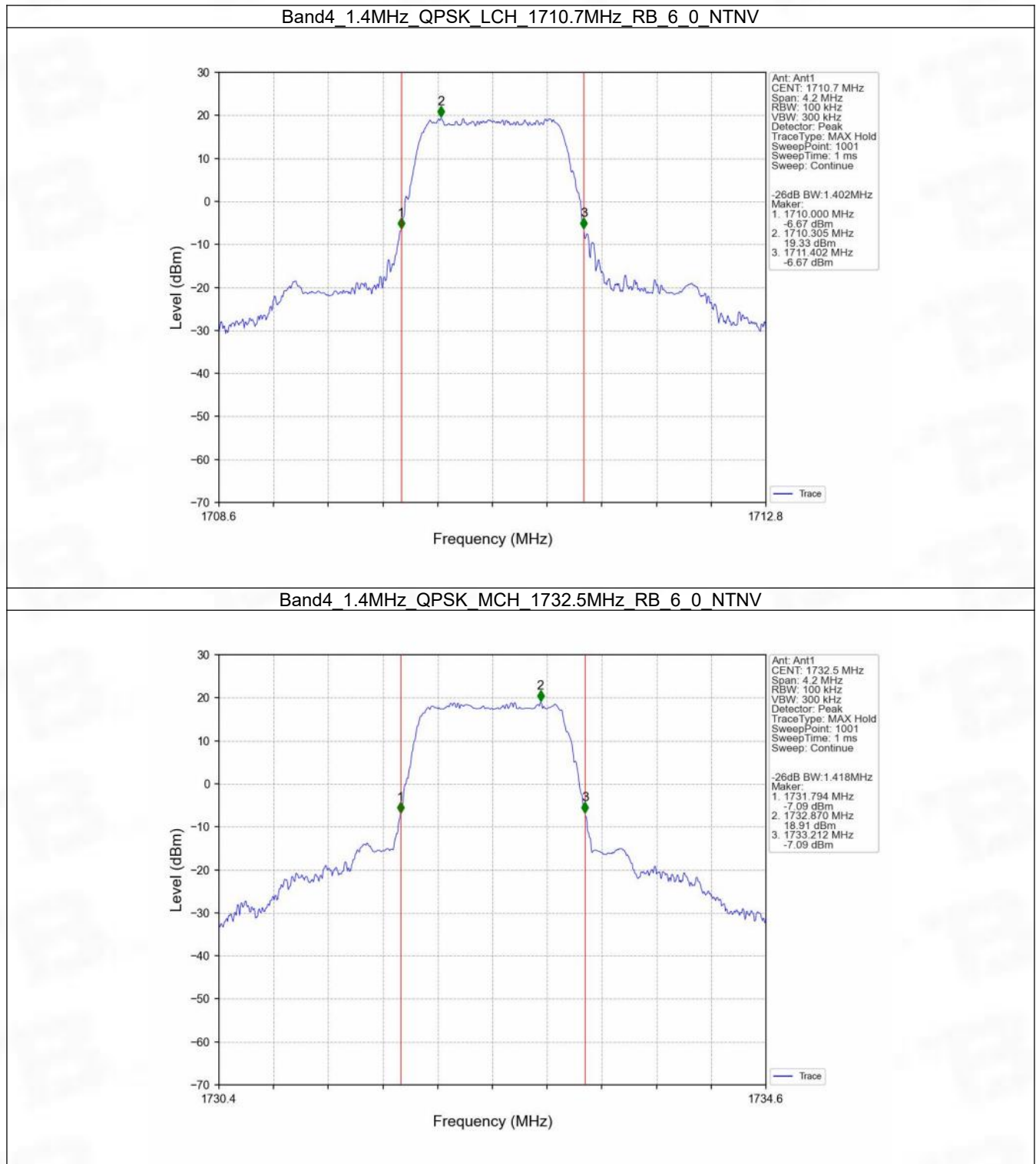
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



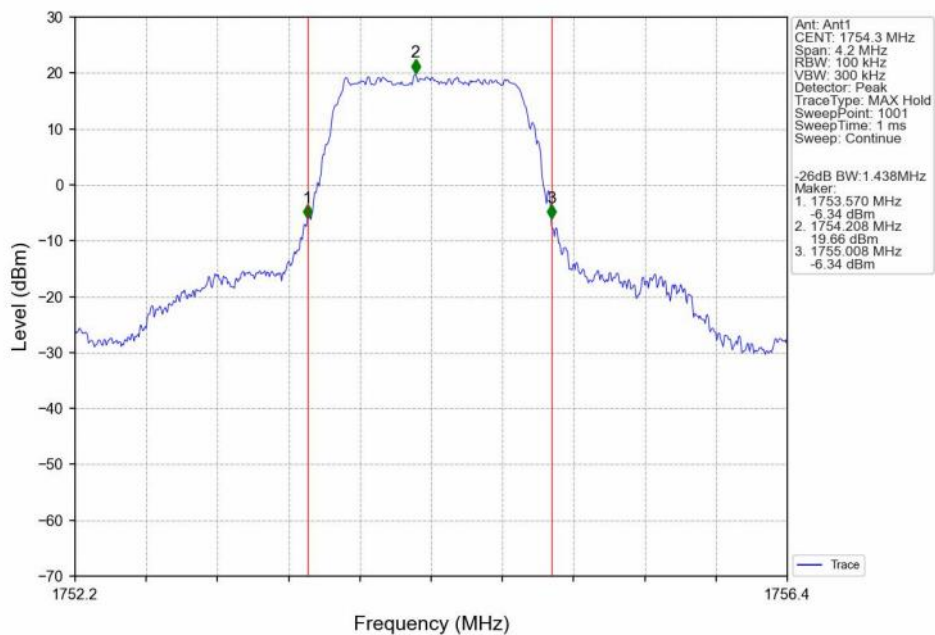
Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



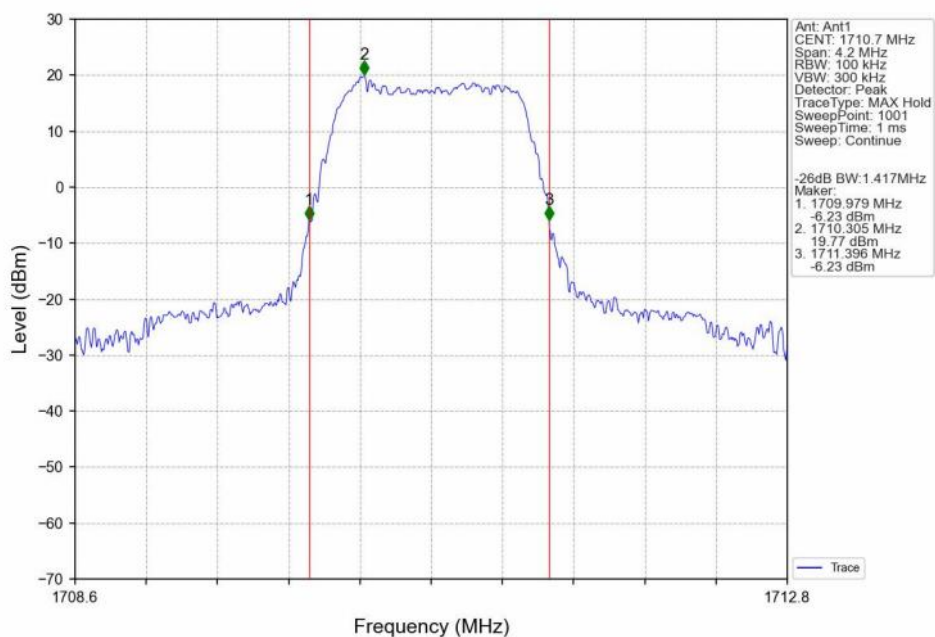
4.2.2 Band4_XDB



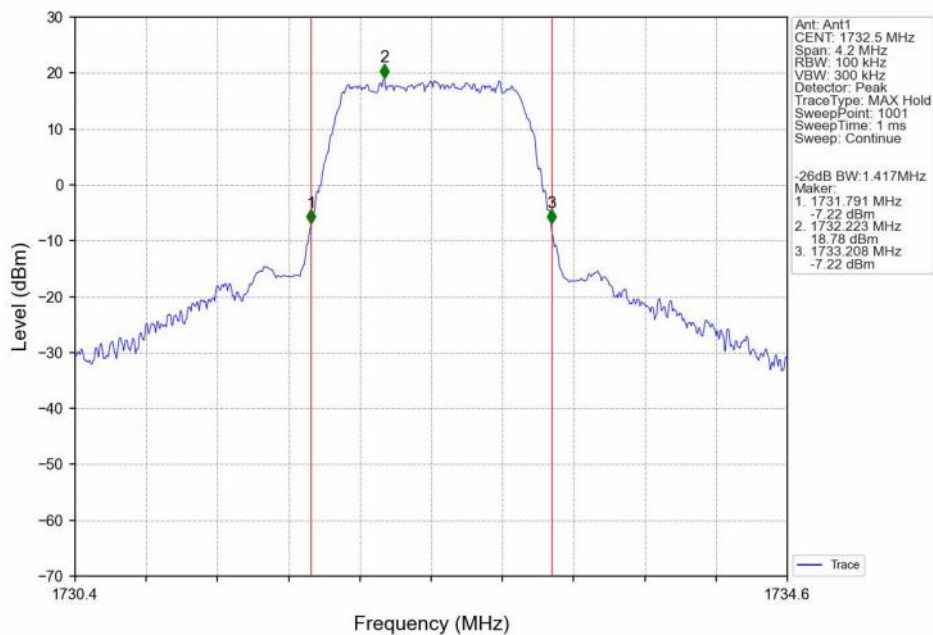
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



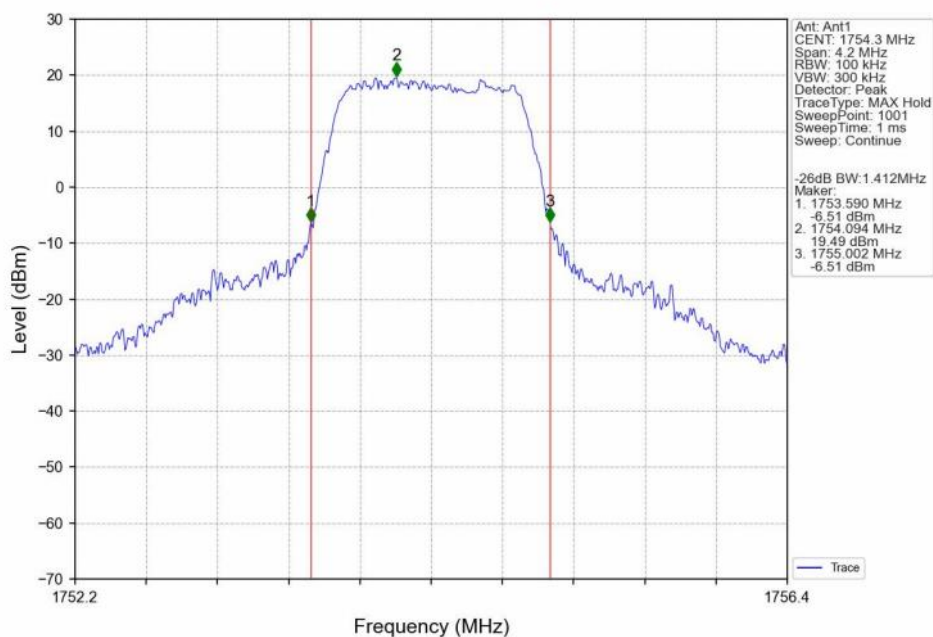
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



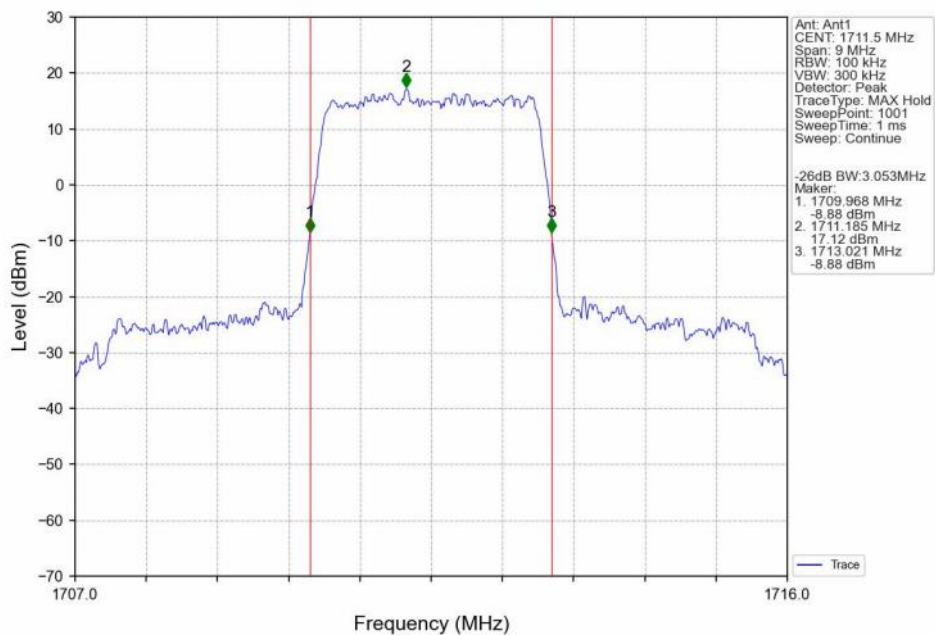
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



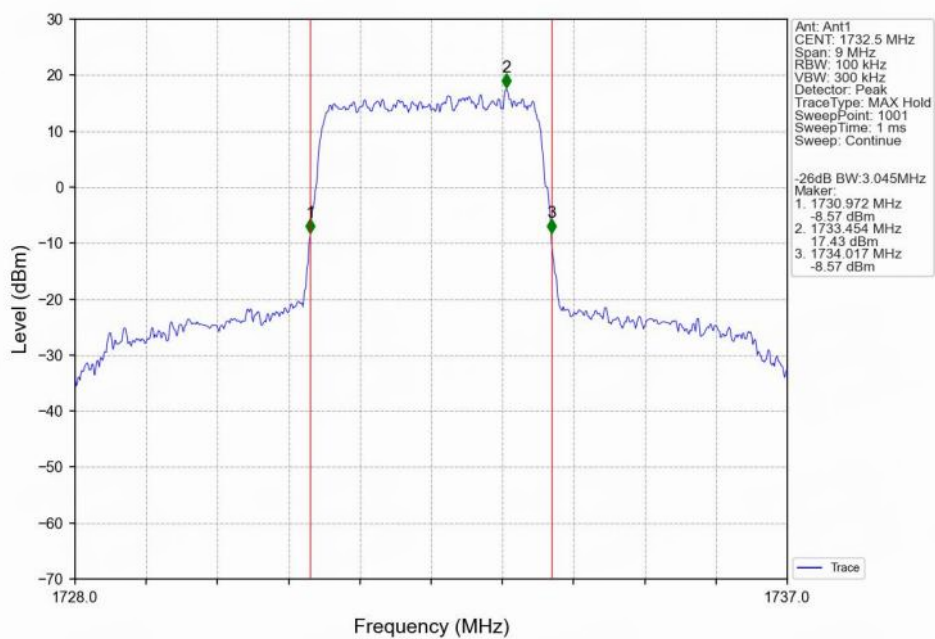
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



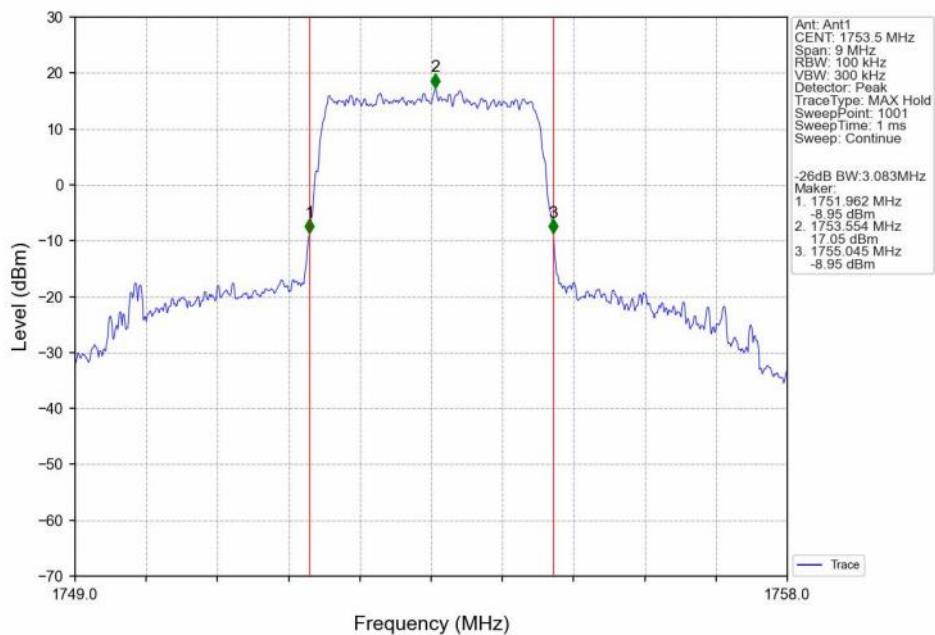
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



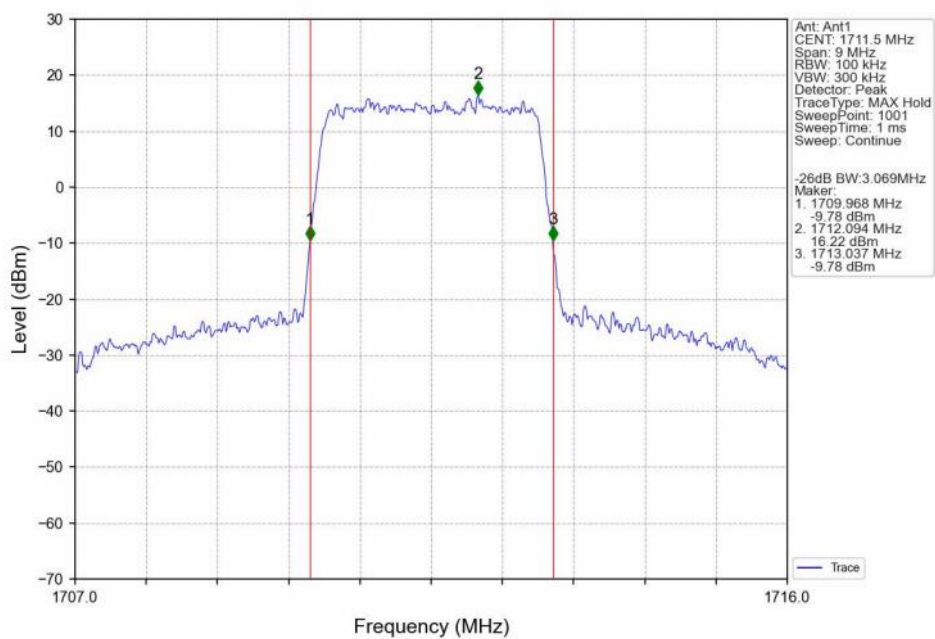
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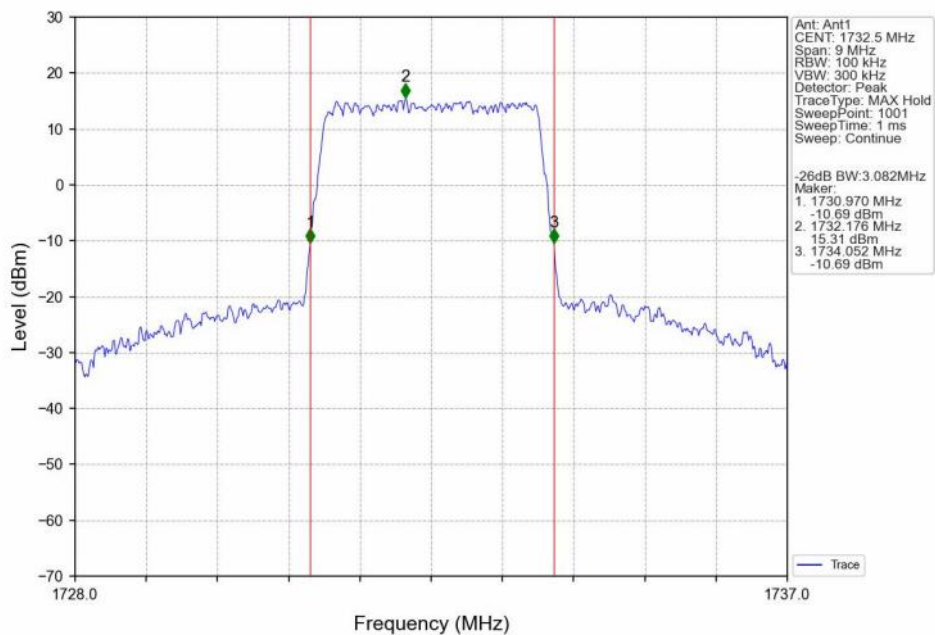
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



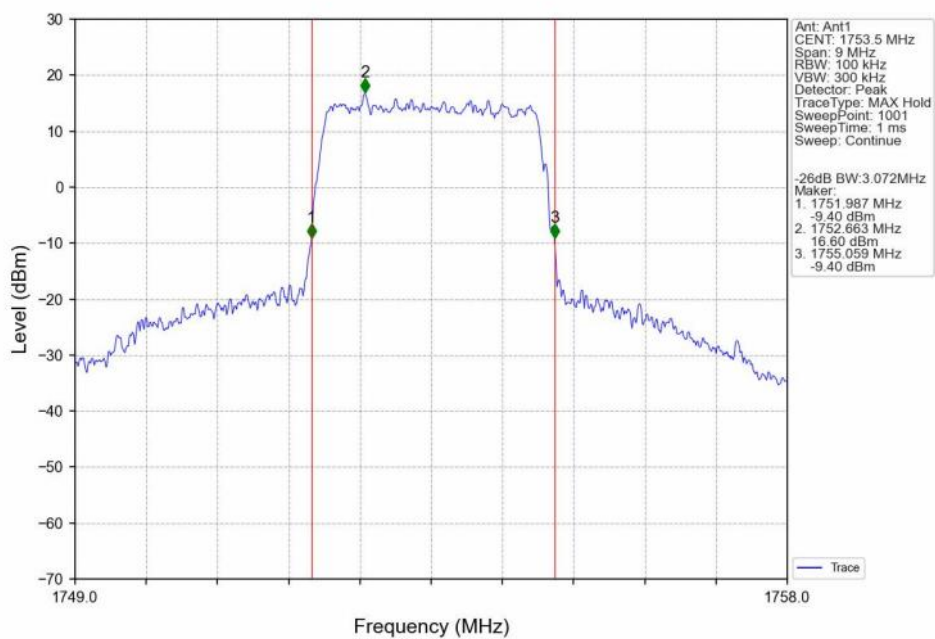
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



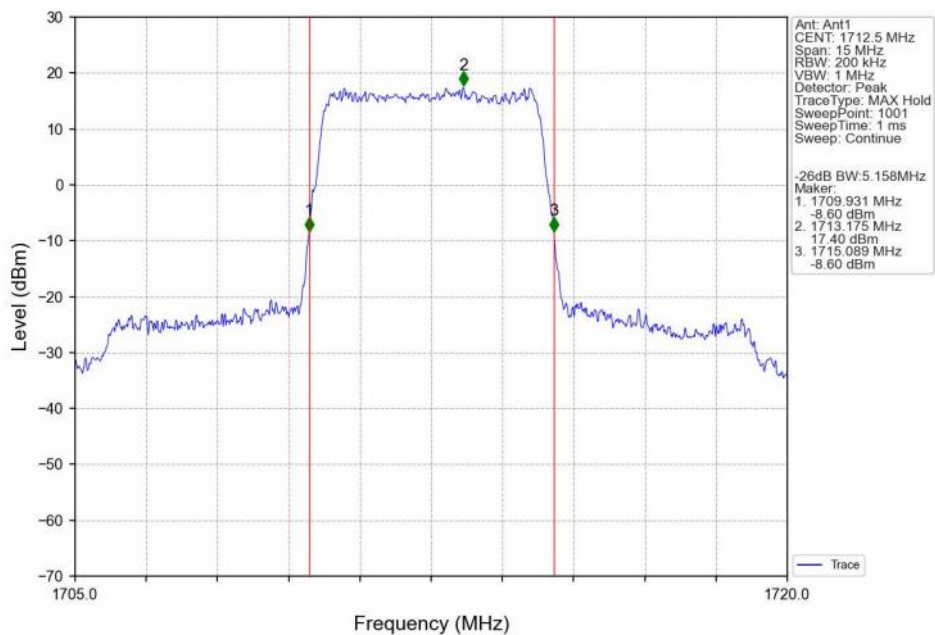
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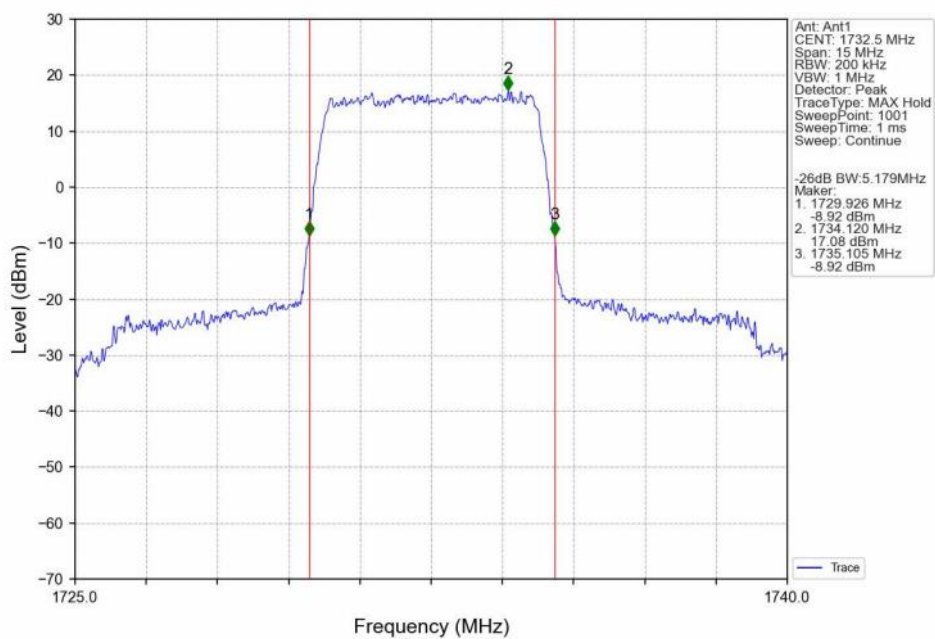
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



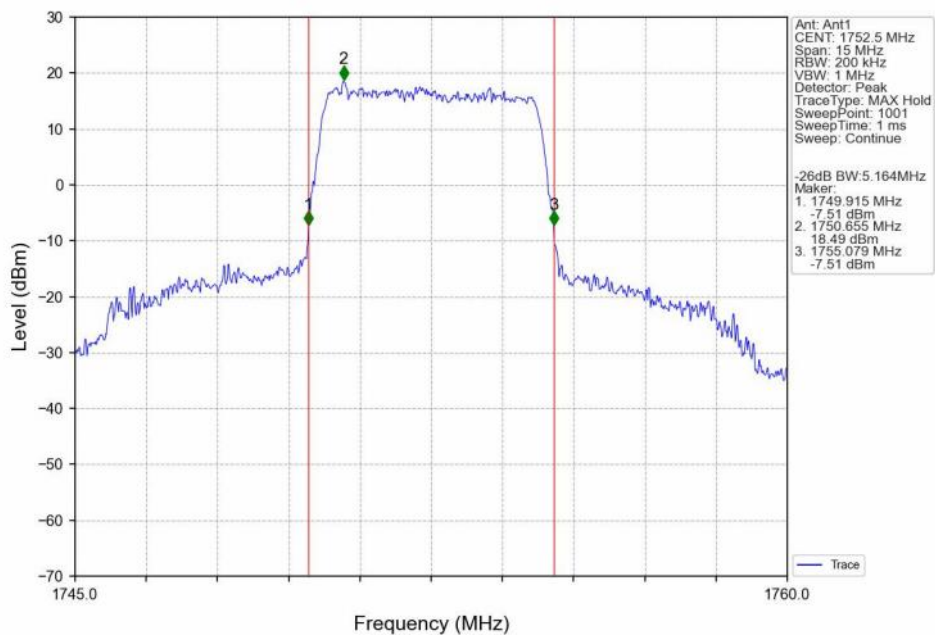
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



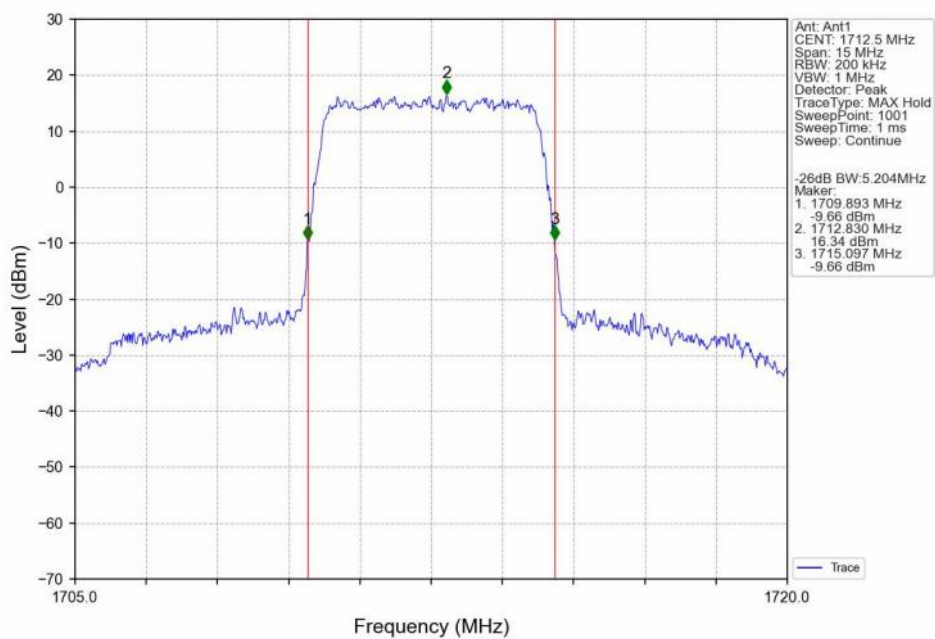
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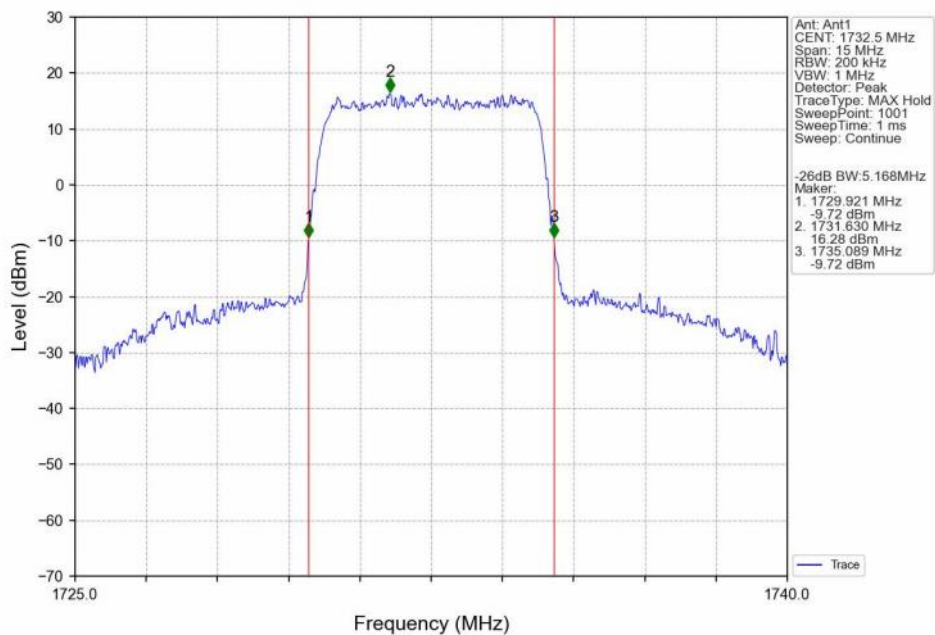
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



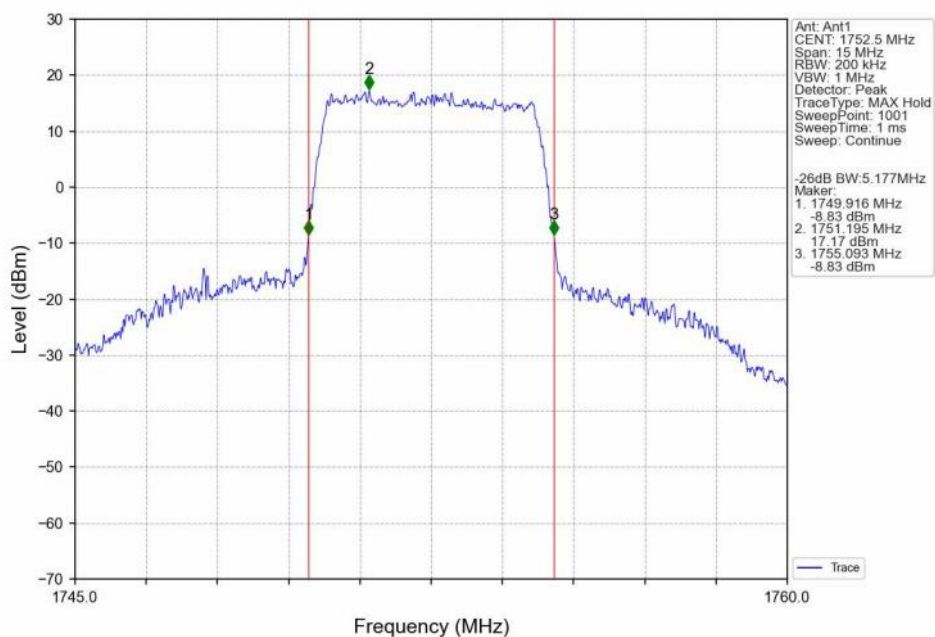
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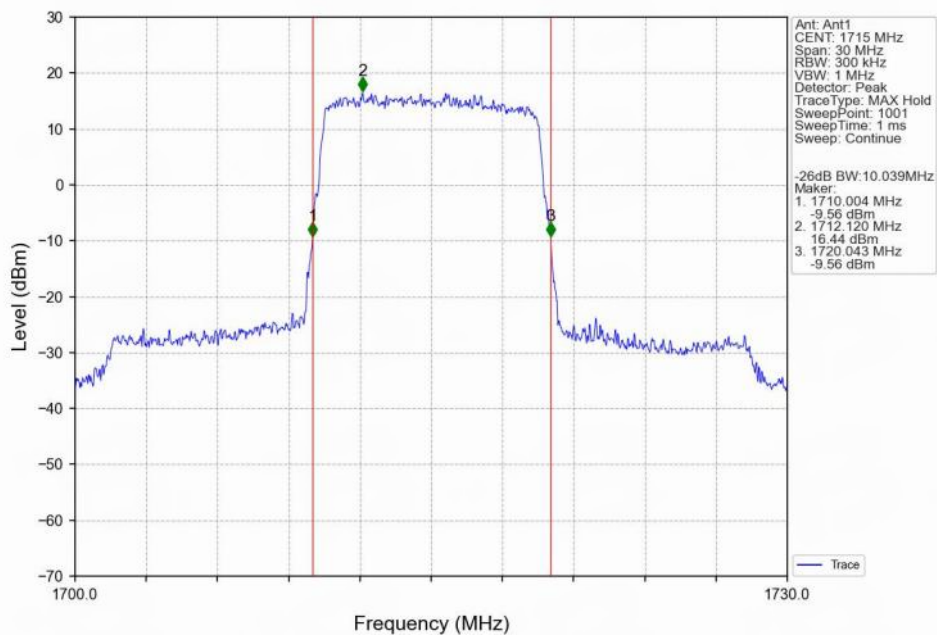
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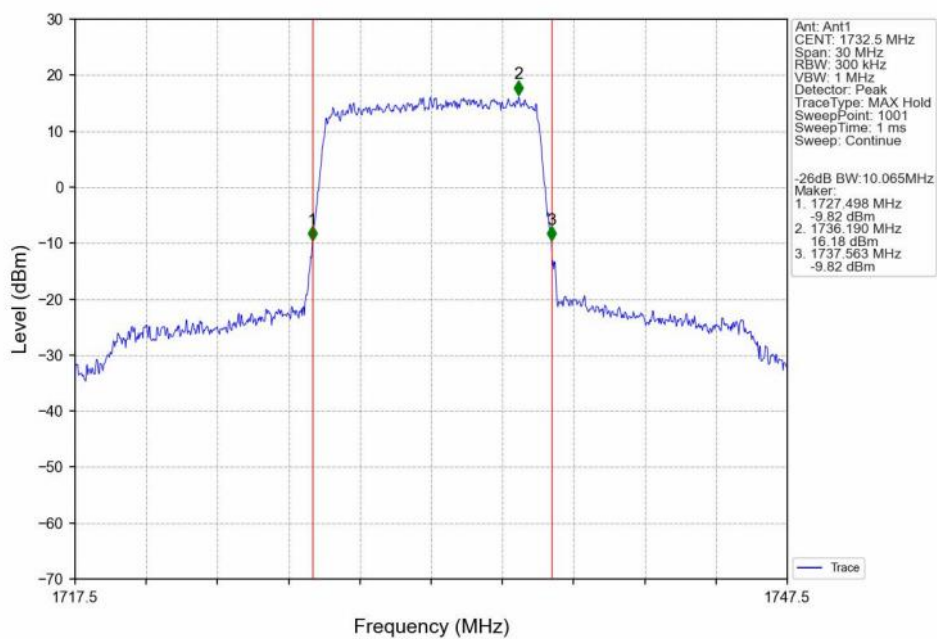
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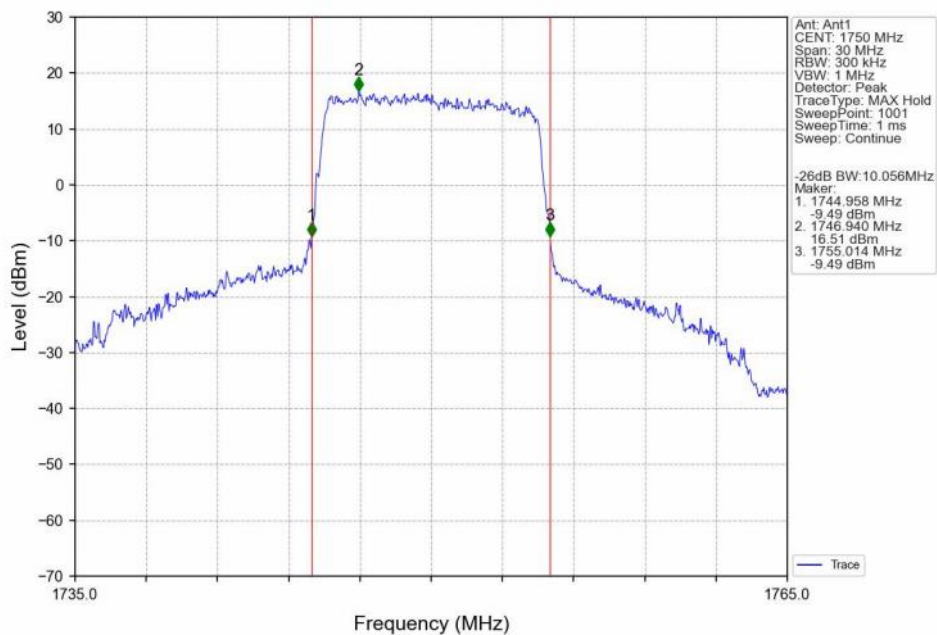
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



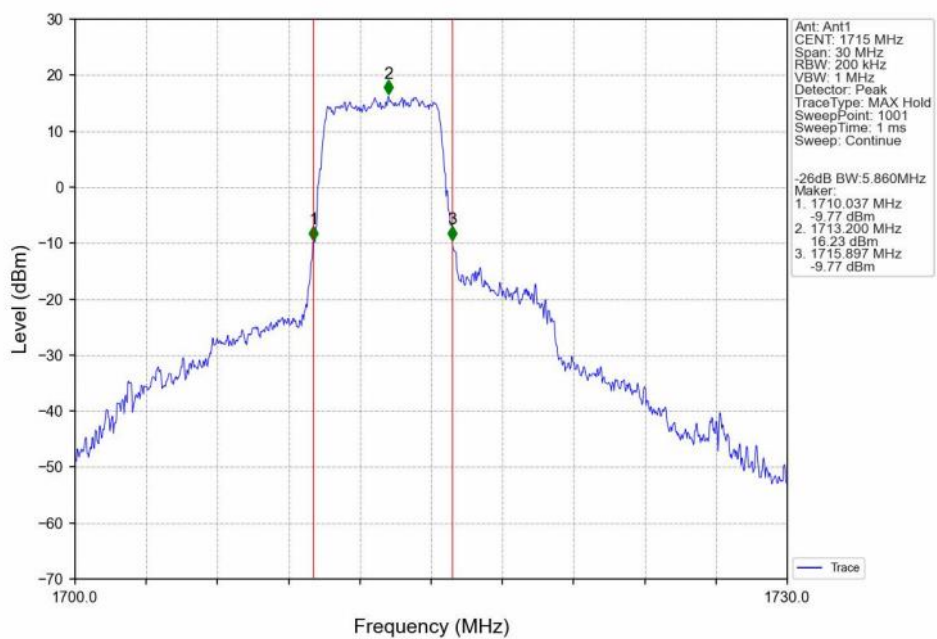
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



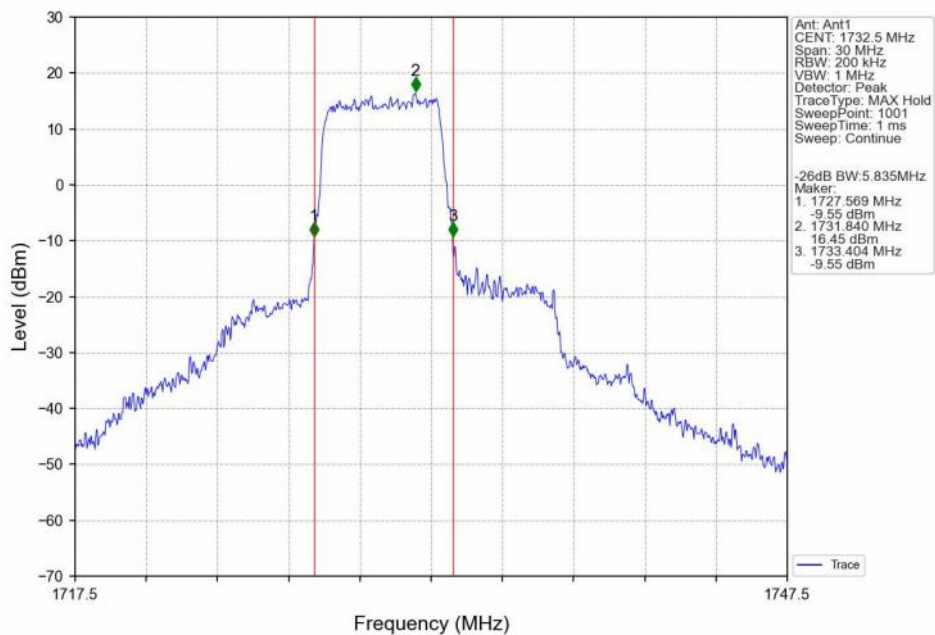
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



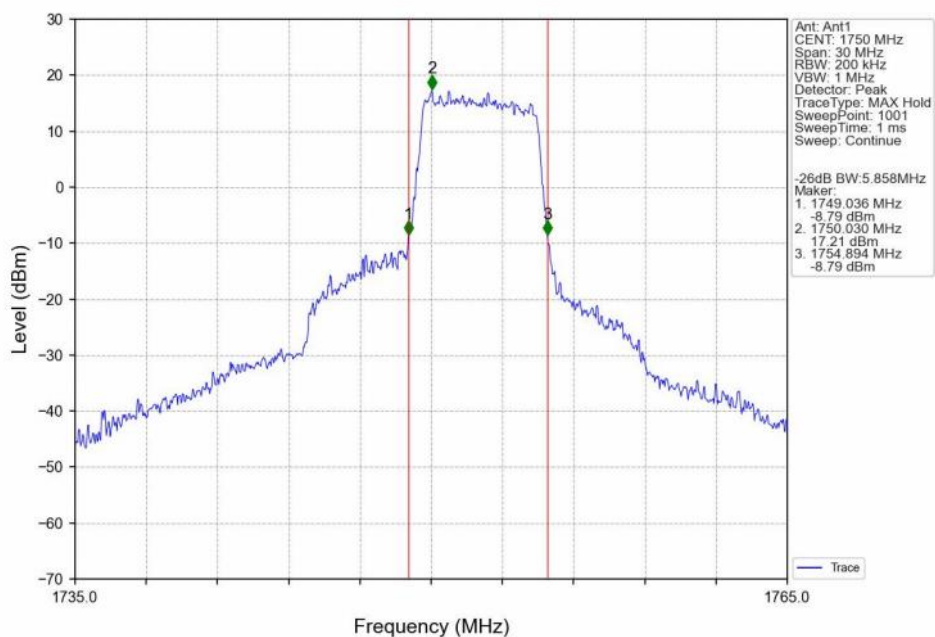
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



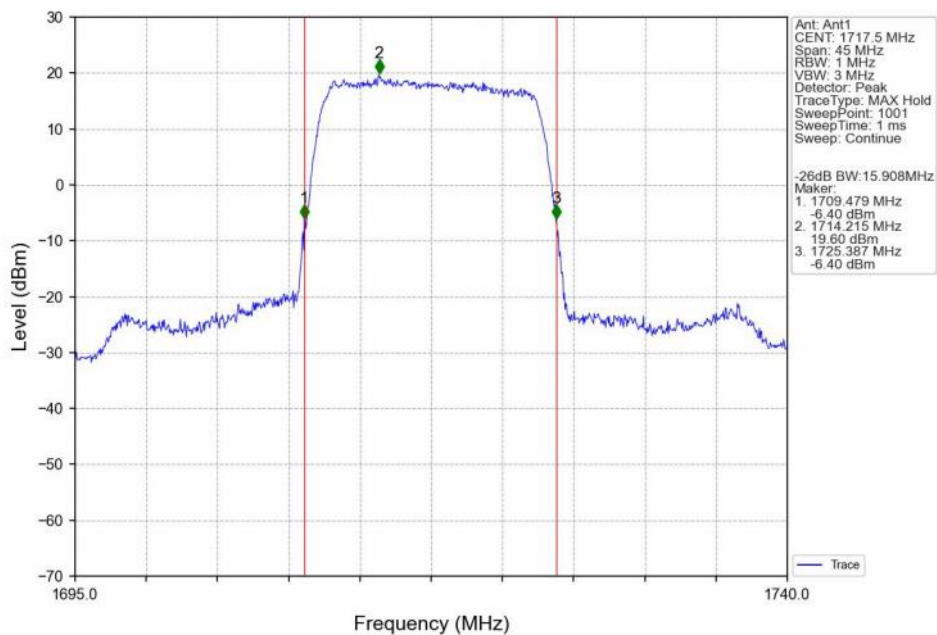
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



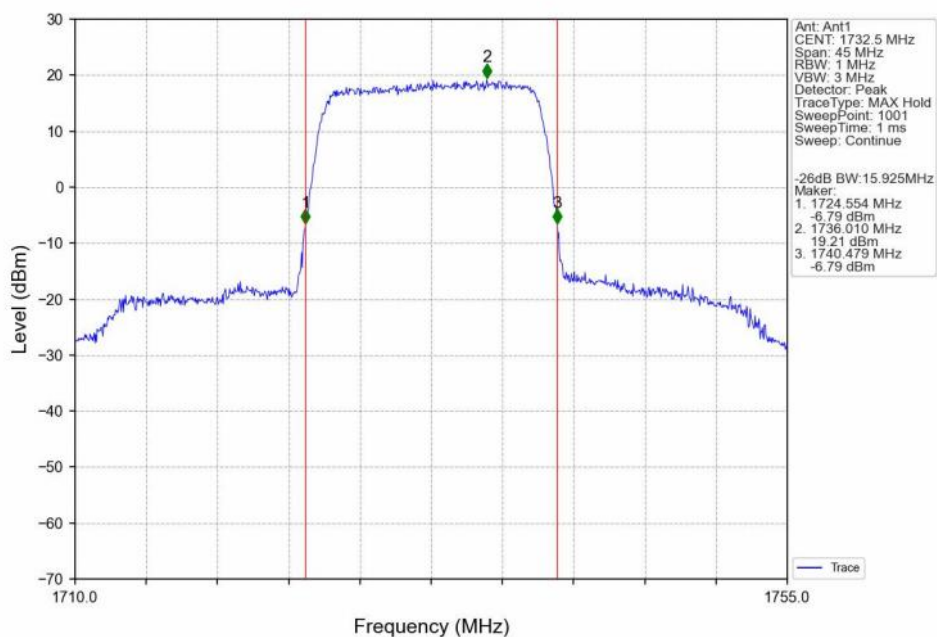
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



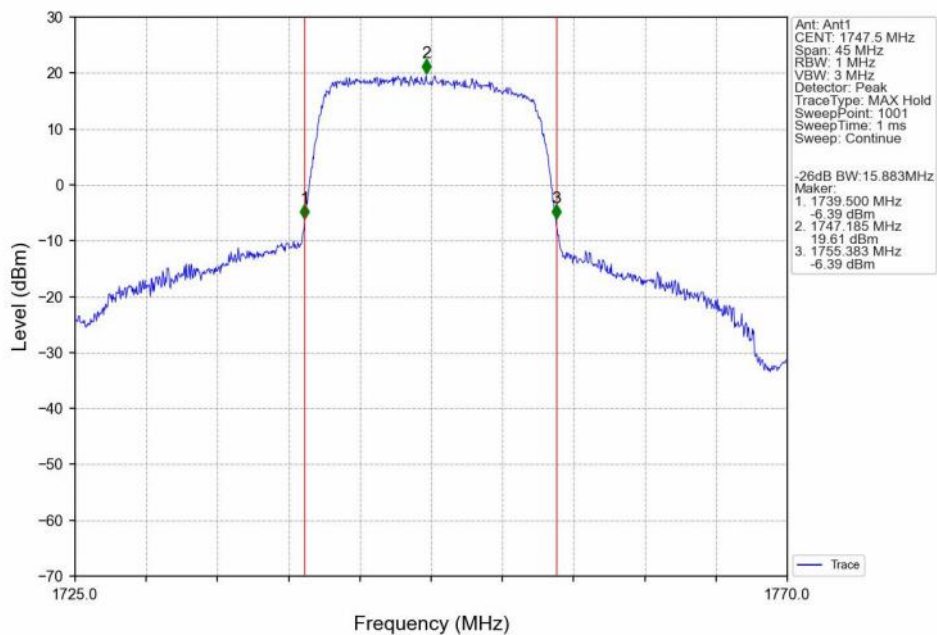
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



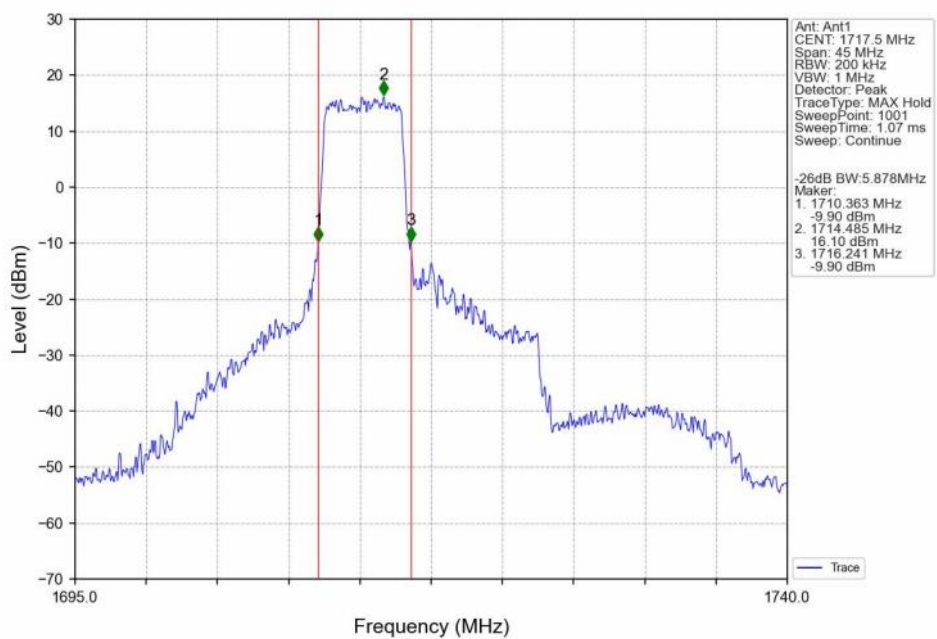
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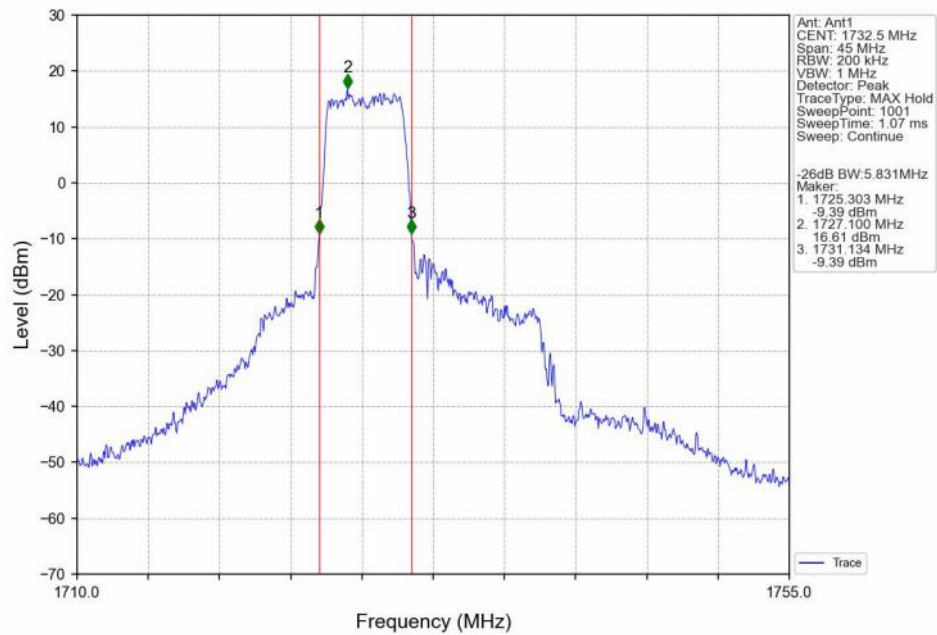
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



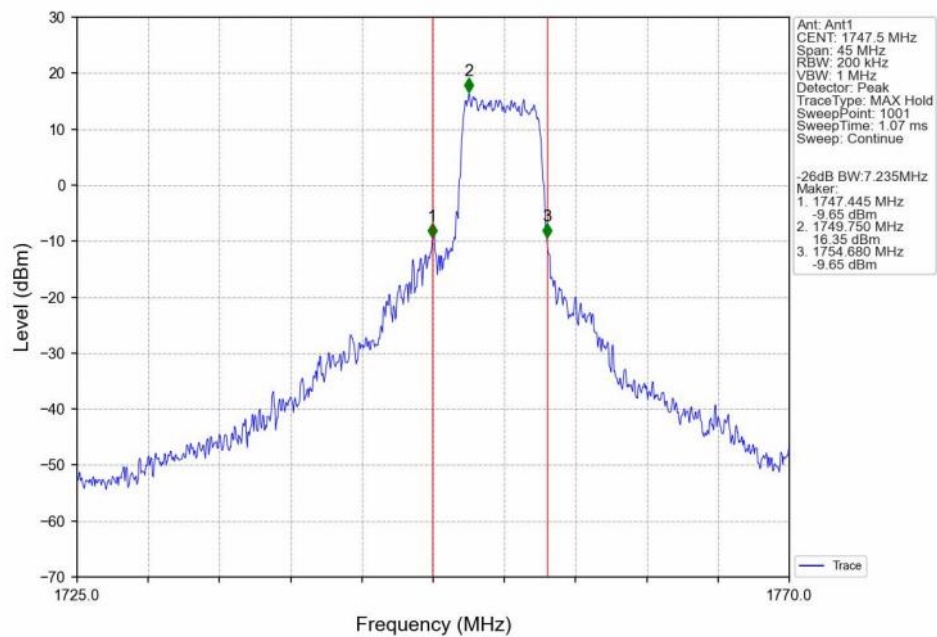
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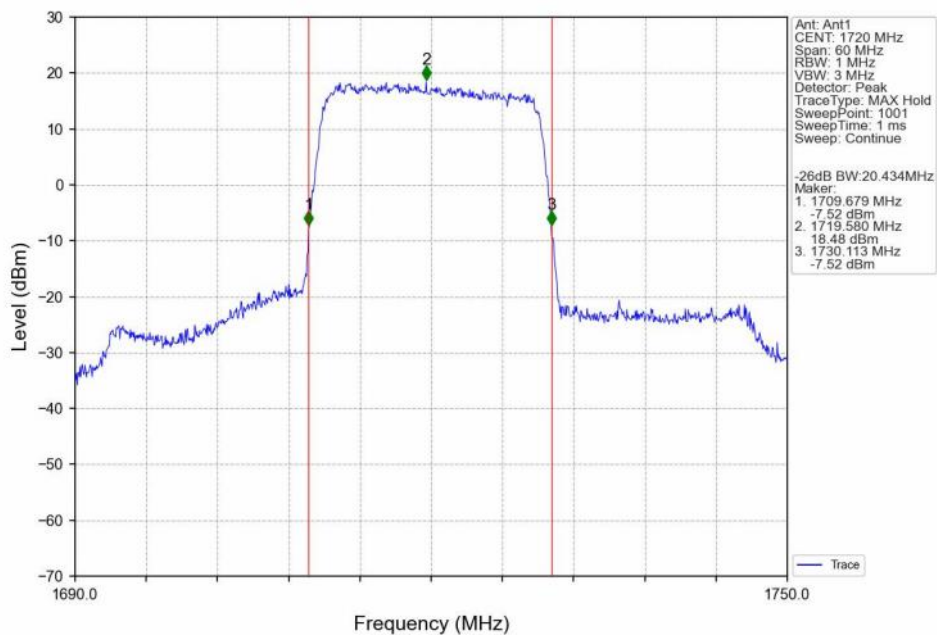
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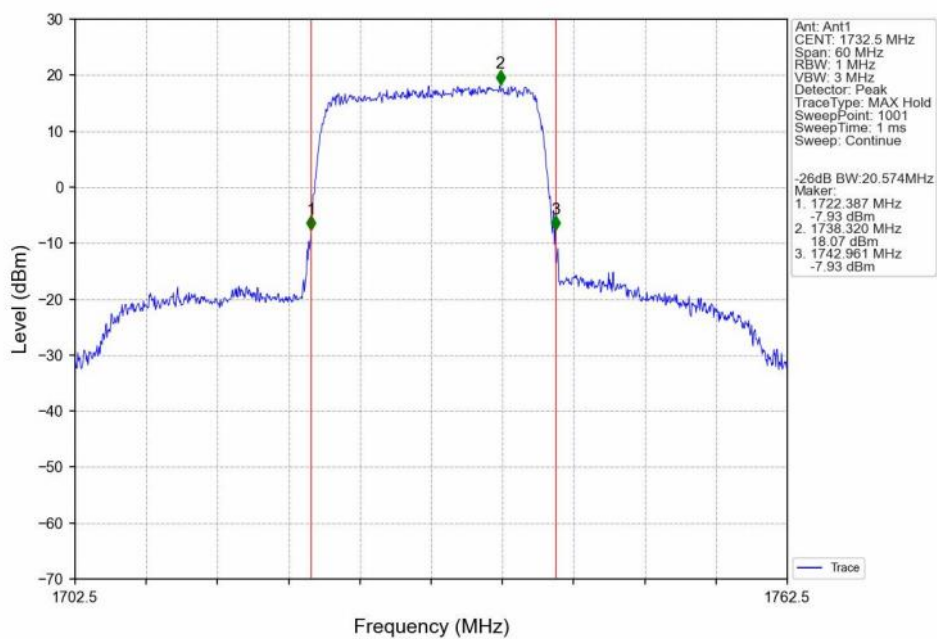
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



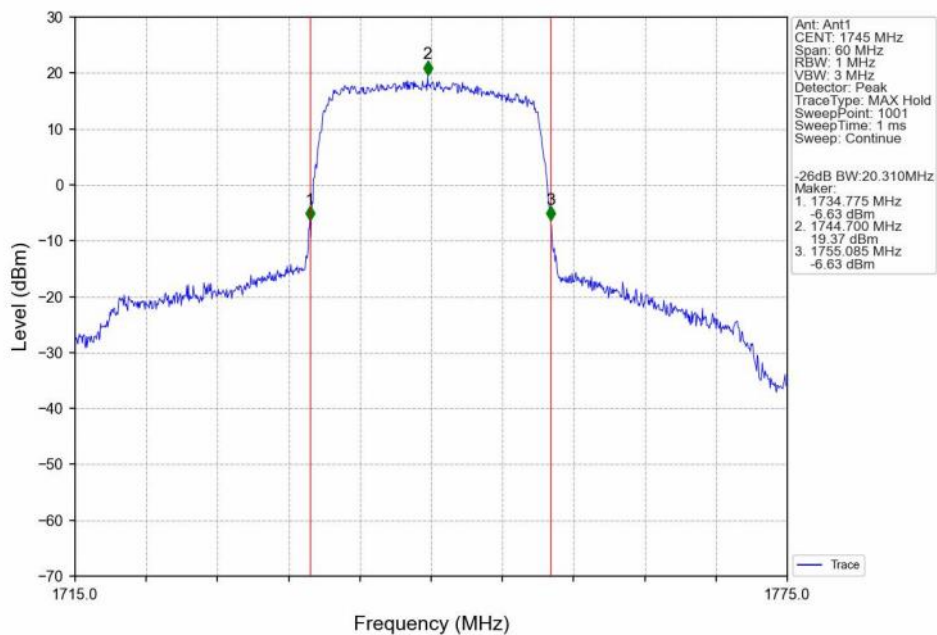
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



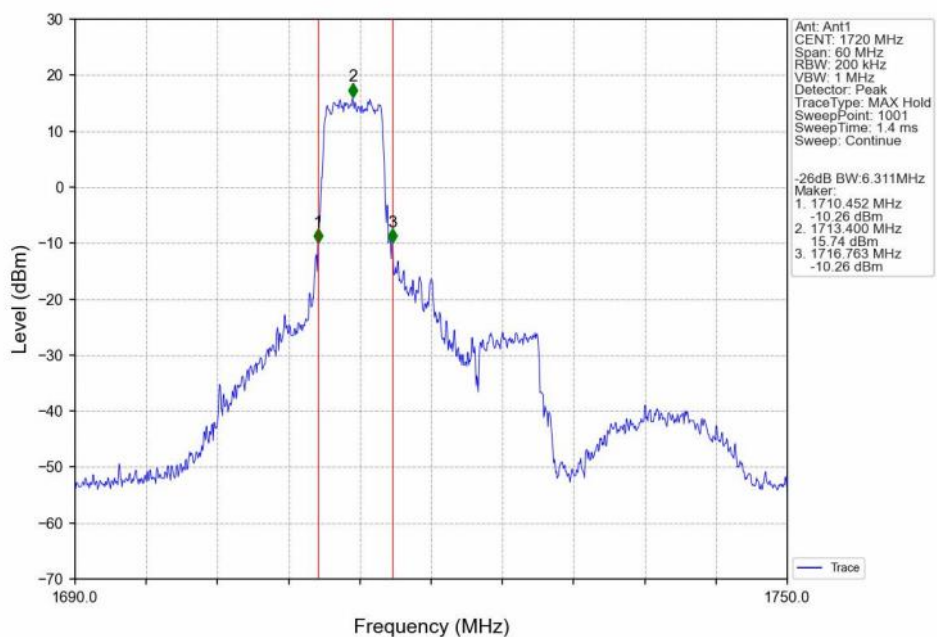
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



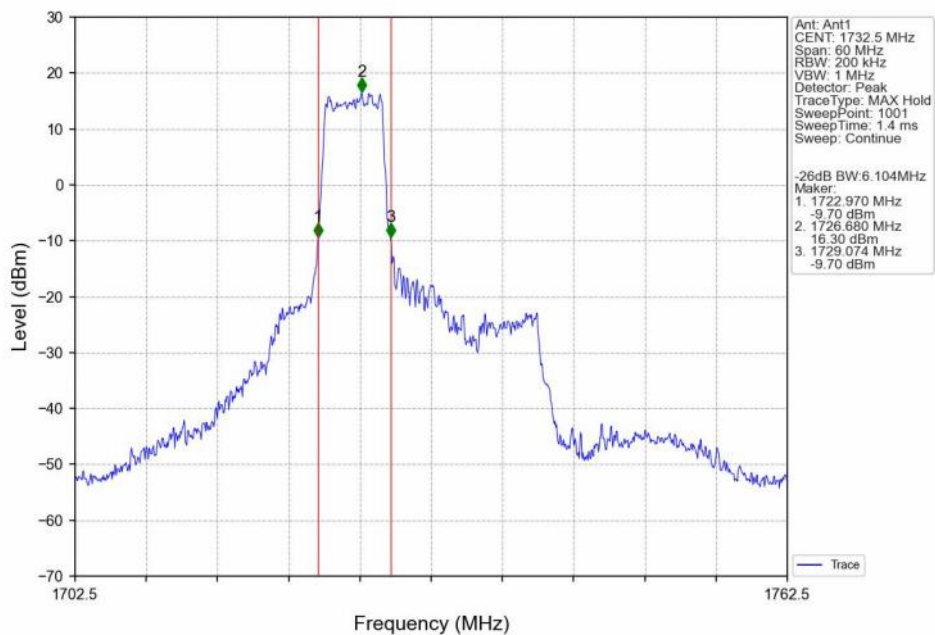
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



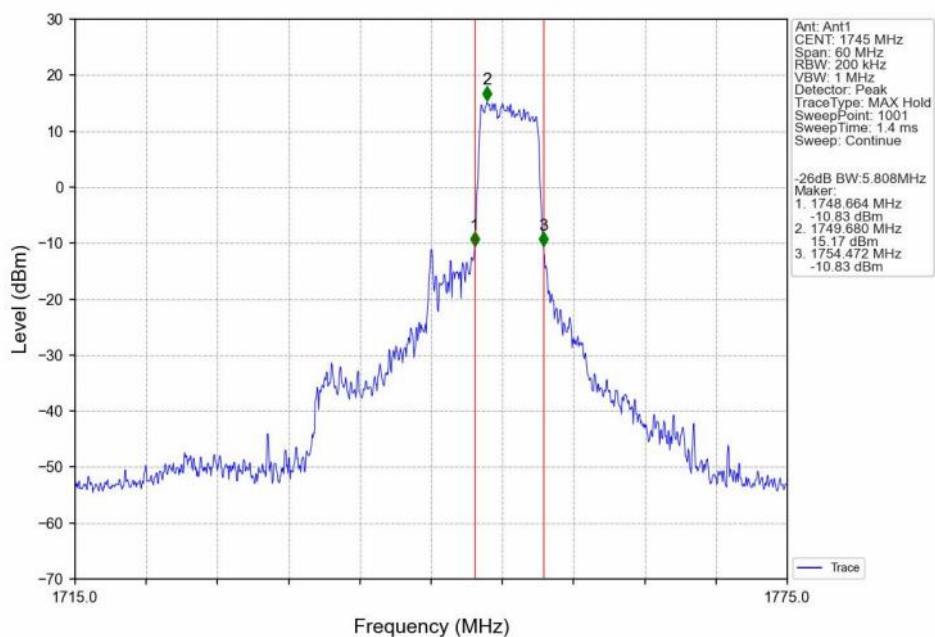
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_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	4.75	<=13	Pass
	1732.5	6	0	5.37	<=13	Pass
	1754.3	6	0	4.14	<=13	Pass
16QAM	1710.7	6	0	5.56	<=13	Pass
	1732.5	6	0	6.27	<=13	Pass
	1754.3	6	0	4.99	<=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	4.70	<=13	Pass
	1732.5	15	0	5.41	<=13	Pass
	1753.5	15	0	4.32	<=13	Pass
16QAM	1711.5	15	0	5.58	<=13	Pass
	1732.5	15	0	6.33	<=13	Pass
	1753.5	15	0	5.30	<=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	4.85	<=13	Pass
	1732.5	25	0	5.55	<=13	Pass
	1752.5	25	0	4.59	<=13	Pass
16QAM	1712.5	25	0	5.67	<=13	Pass
	1732.5	25	0	6.39	<=13	Pass
	1752.5	25	0	5.44	<=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	4.96	<=13	Pass
	1732.5	50	0	5.41	<=13	Pass
	1750	50	0	4.48	<=13	Pass
16QAM	1715	27	0	5.49	<=13	Pass
	1732.5	27	0	6.23	<=13	Pass

	1750	27	23	5.03	<=13	Pass
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5.1.5 B4_15MHz

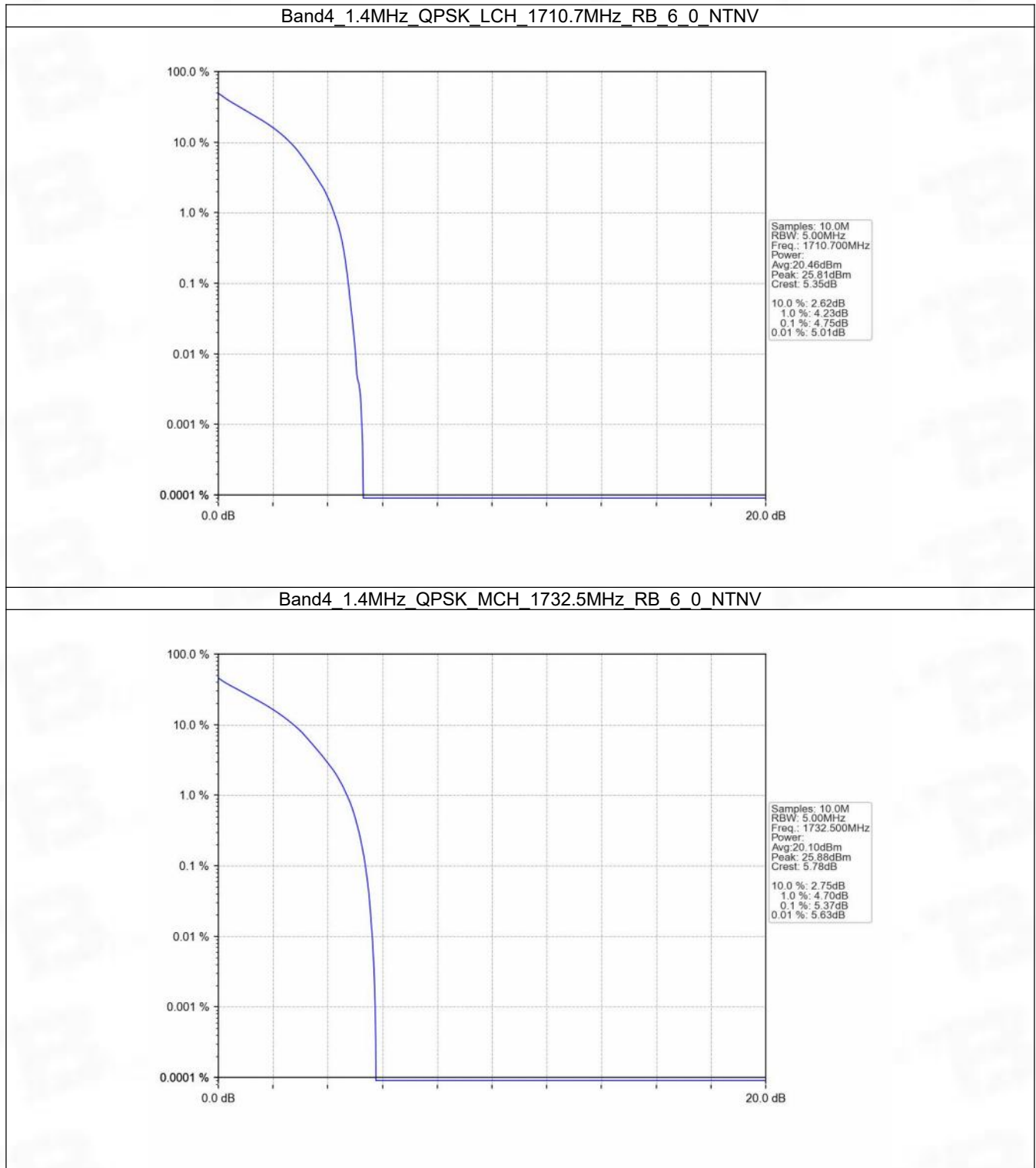
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.37	<=13	Pass
	1732.5	75	0	5.55	<=13	Pass
	1747.5	75	0	4.27	<=13	Pass
16QAM	1717.5	27	0	5.44	<=13	Pass
	1732.5	27	0	6.17	<=13	Pass
	1747.5	27	48	5.21	<=13	Pass

5.1.6 B4_20MHz

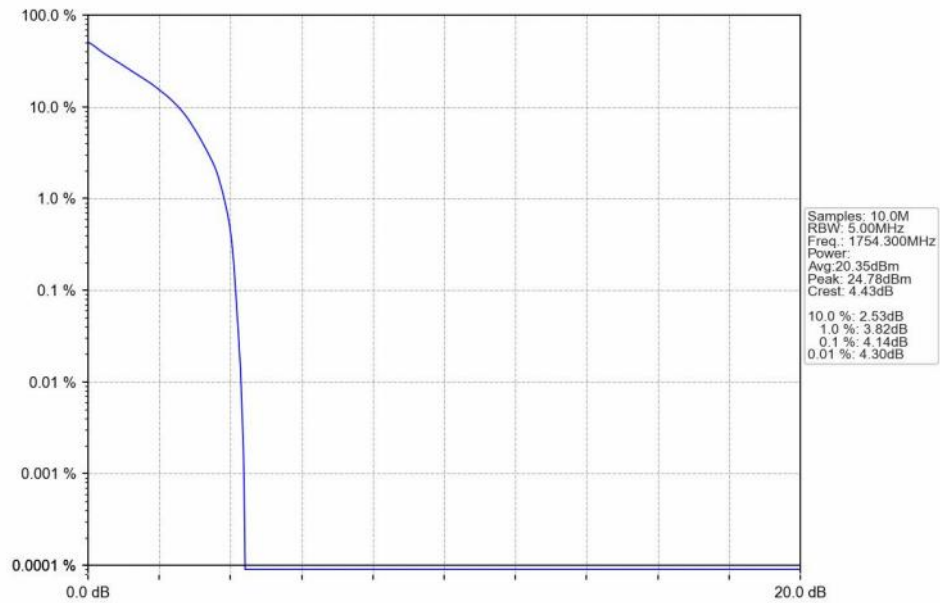
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.35	<=13	Pass
	1732.5	100	0	4.93	<=13	Pass
	1745	100	0	4.68	<=13	Pass
16QAM	1720	27	0	5.61	<=13	Pass
	1732.5	27	0	6.19	<=13	Pass
	1745	27	73	5.28	<=13	Pass

5.2 Test Graph

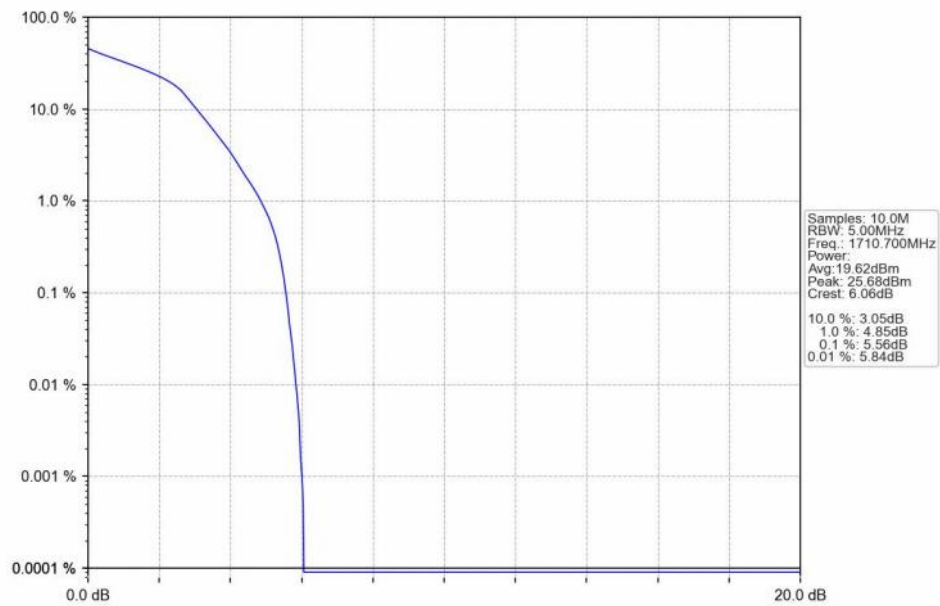
5.2.1 B4_1.4MHz



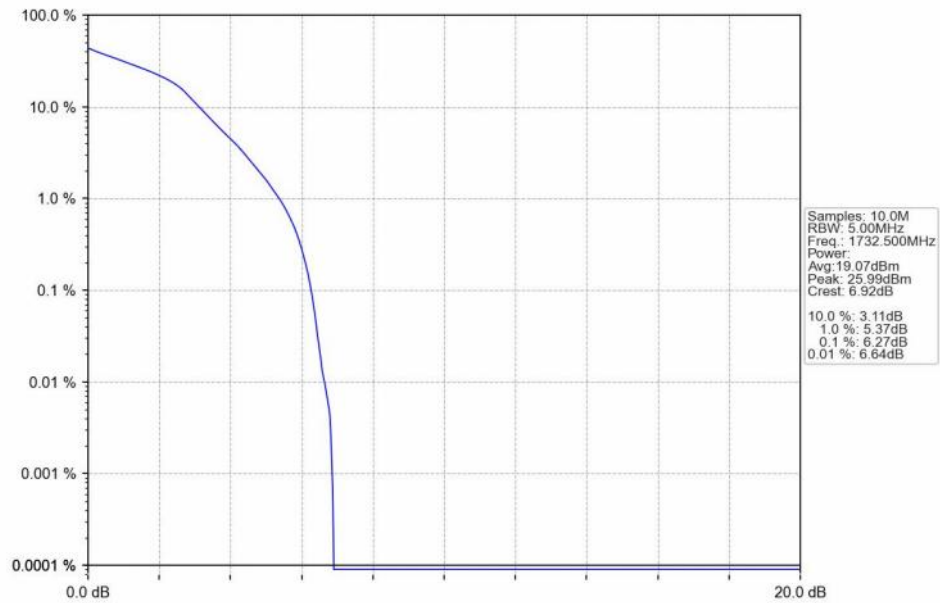
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



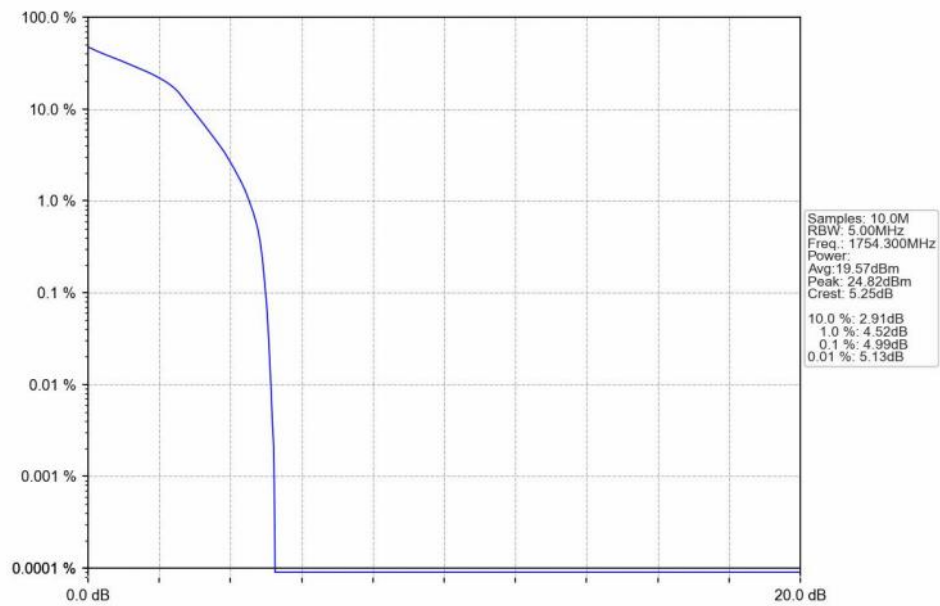
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

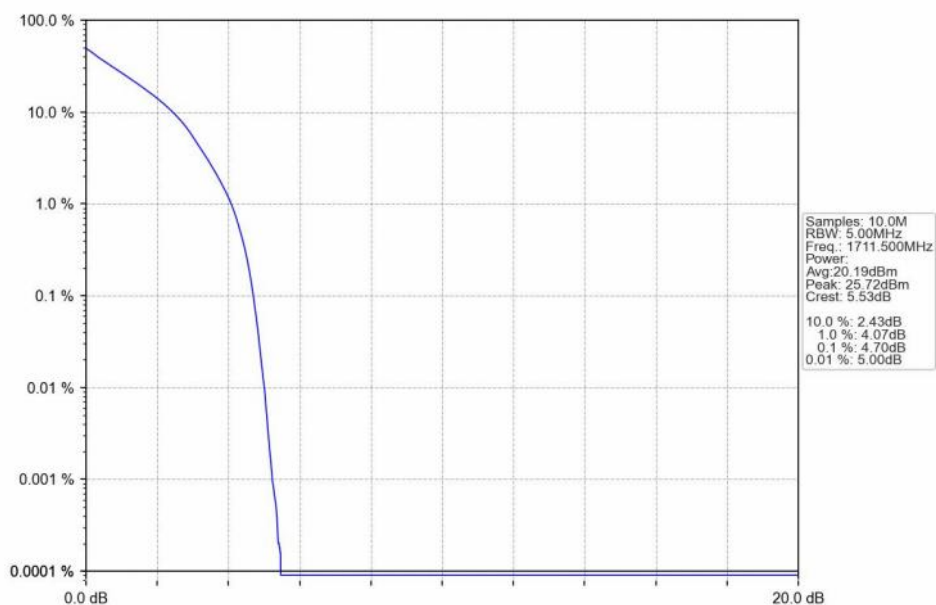


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

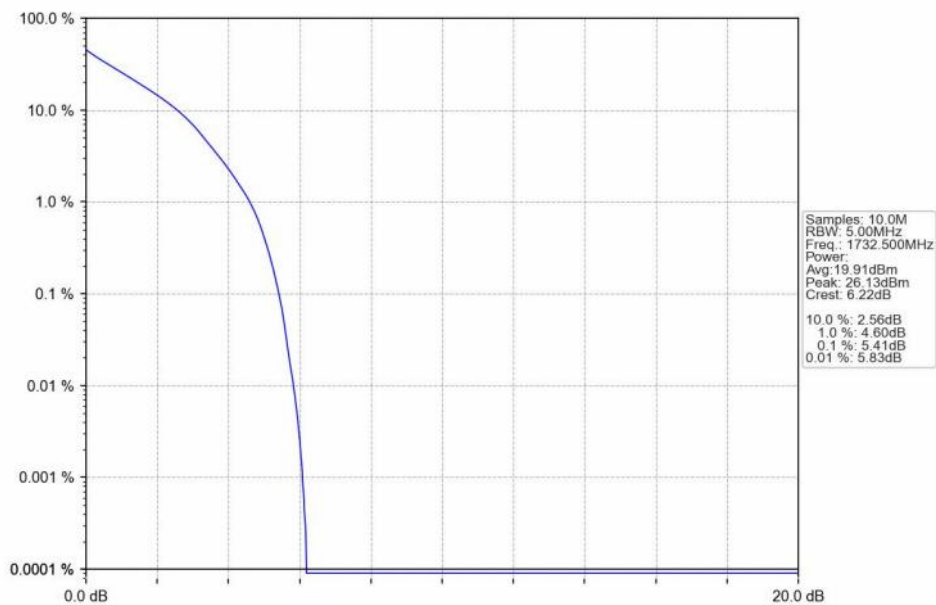


5.2.2 B4_3MHz

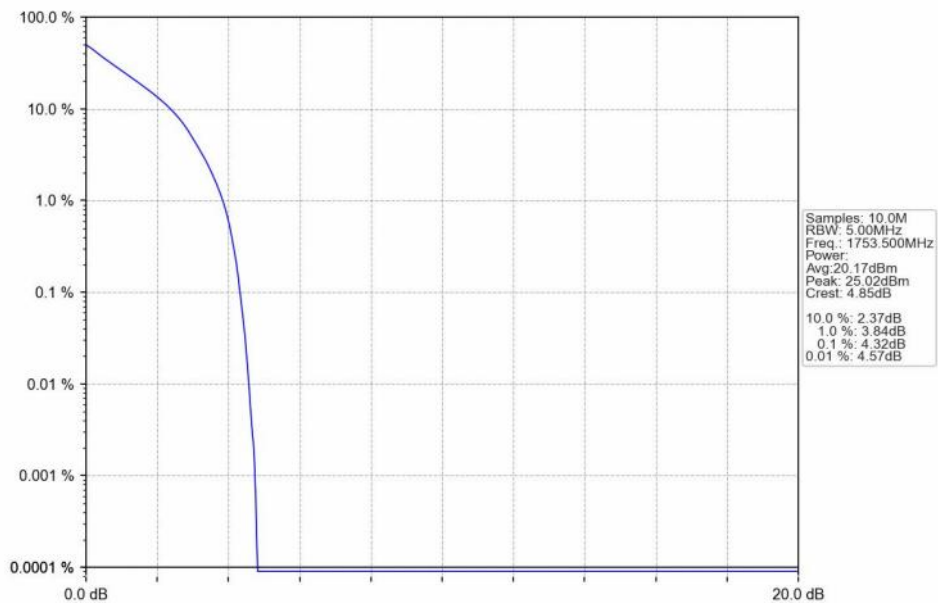
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



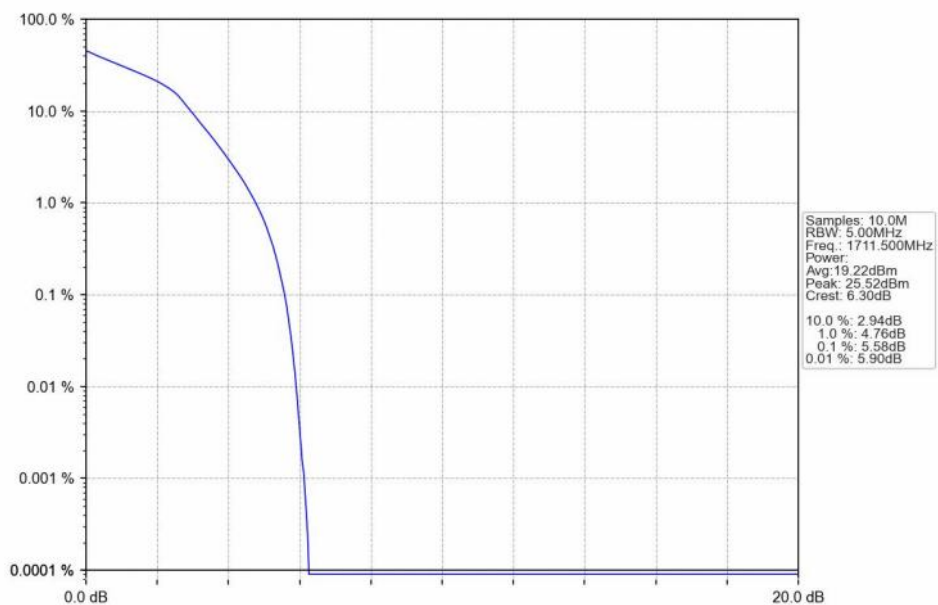
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



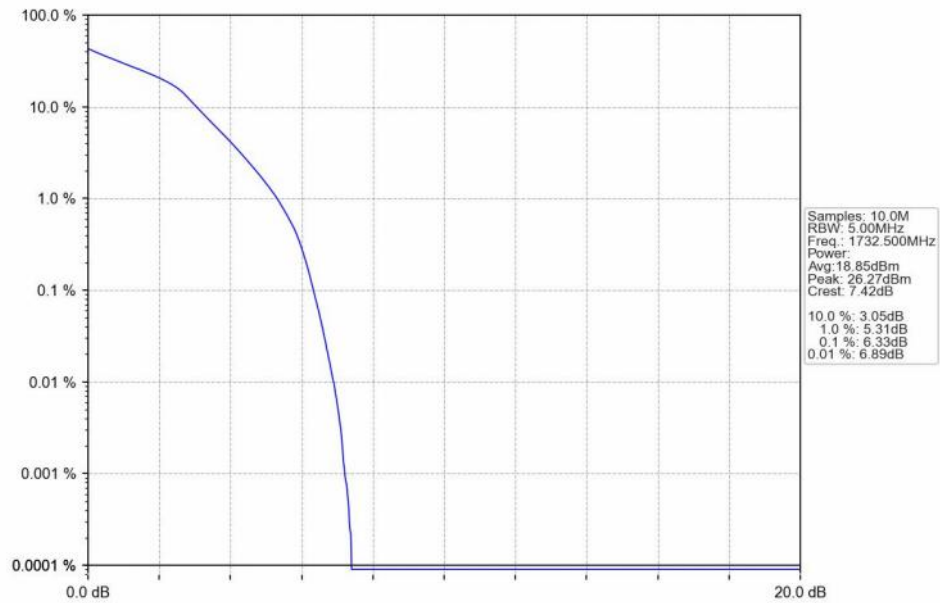
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



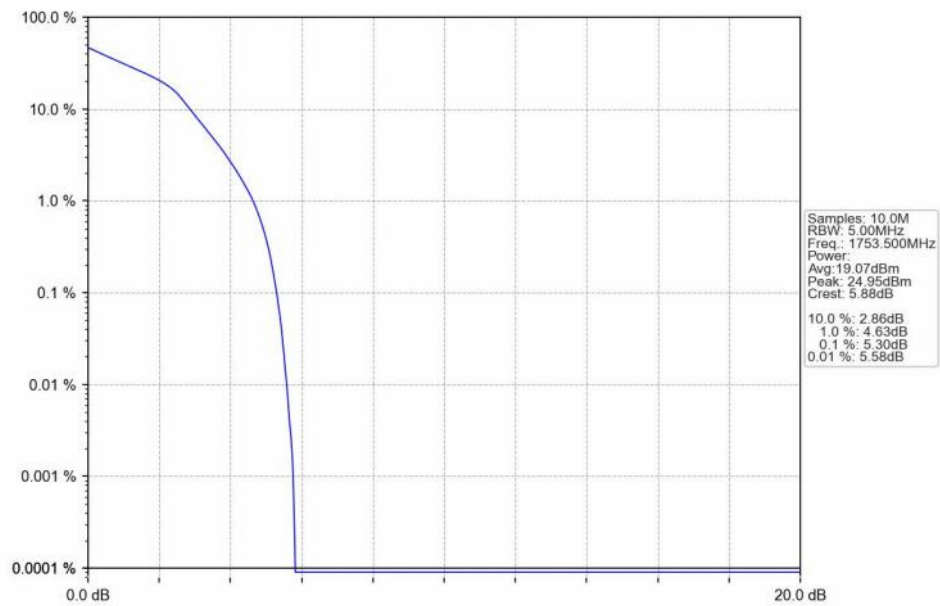
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

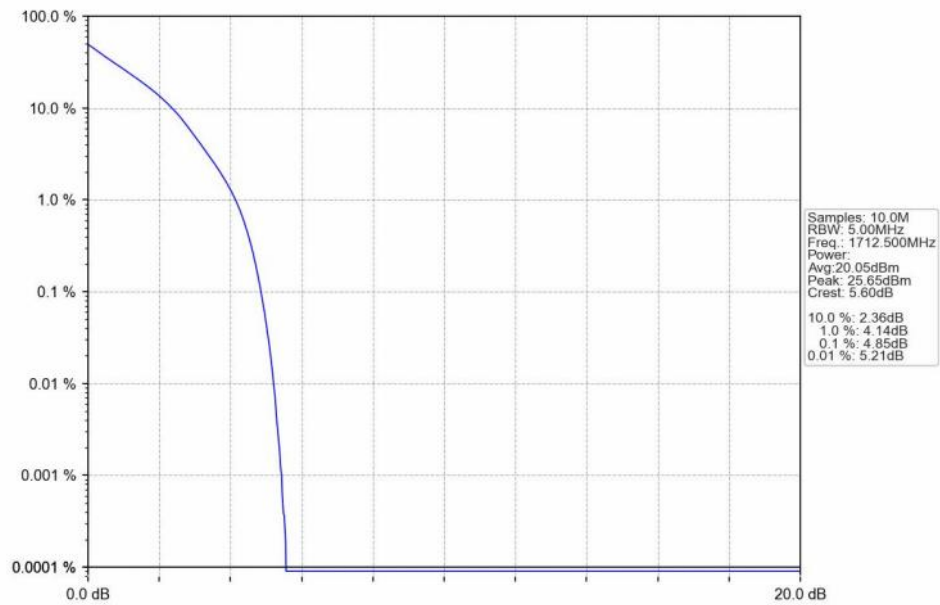


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

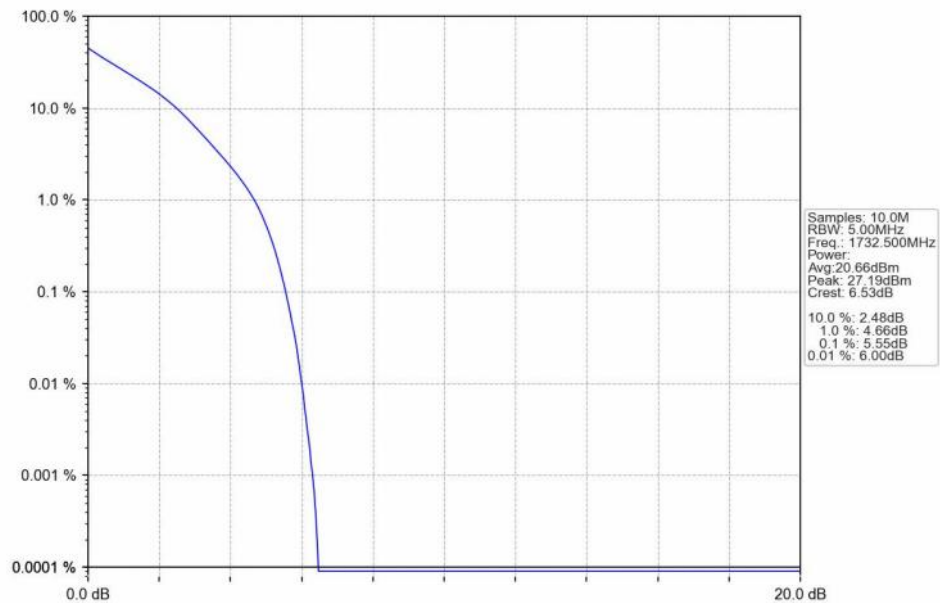


5.2.3 B4_5MHz

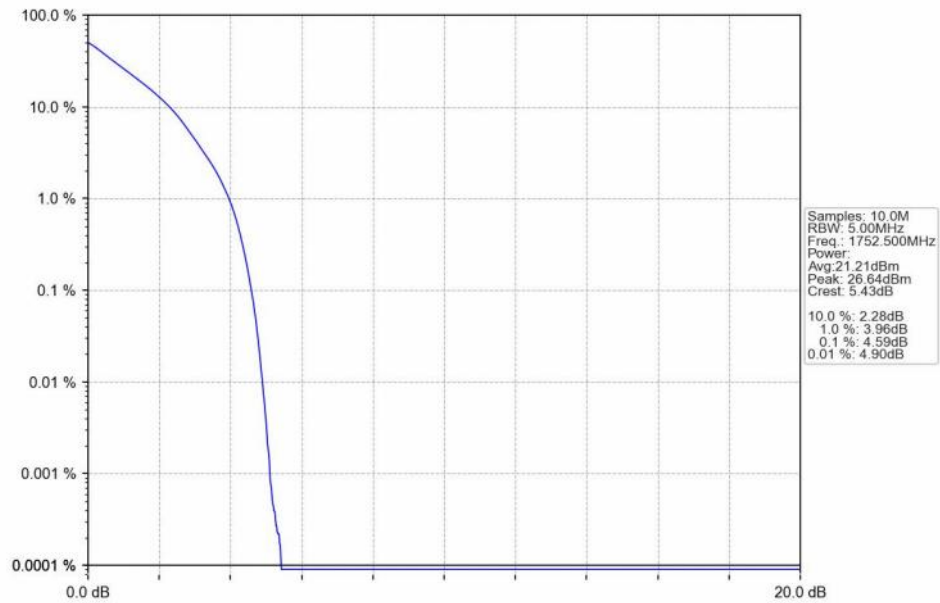
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



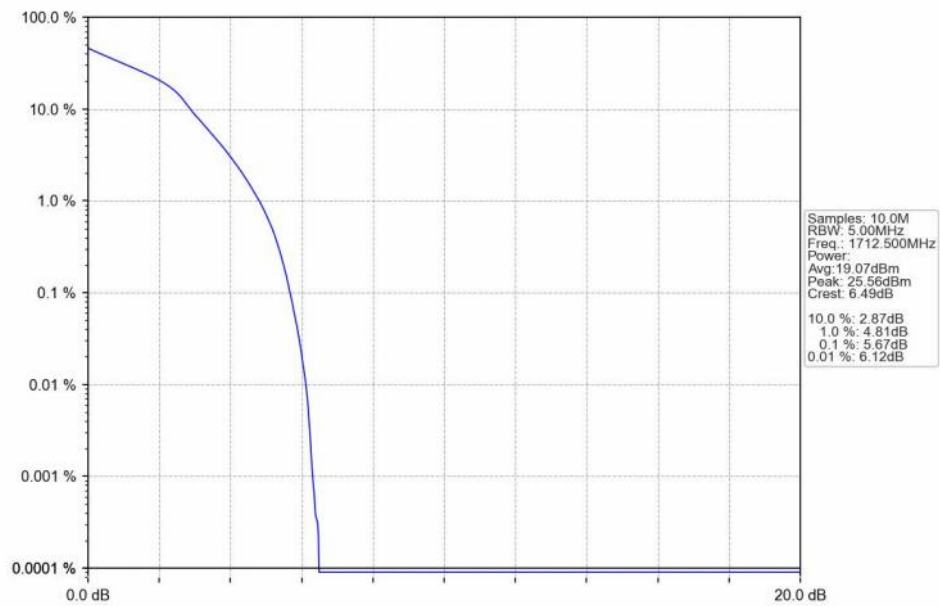
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



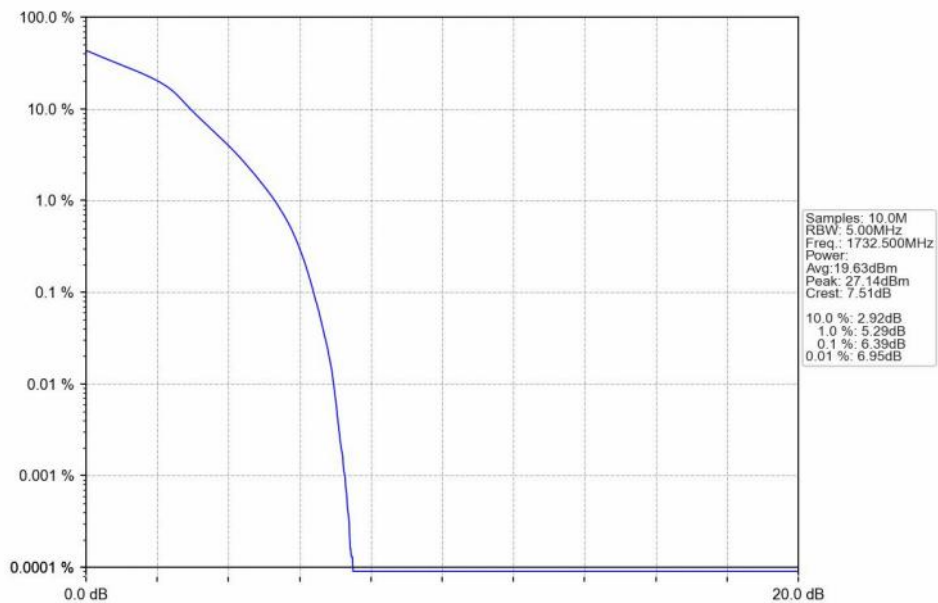
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



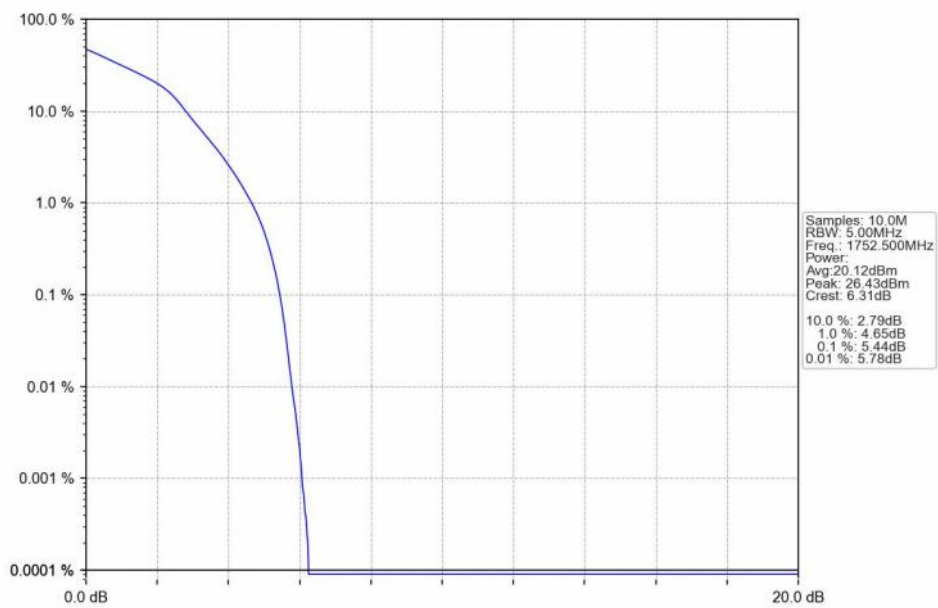
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



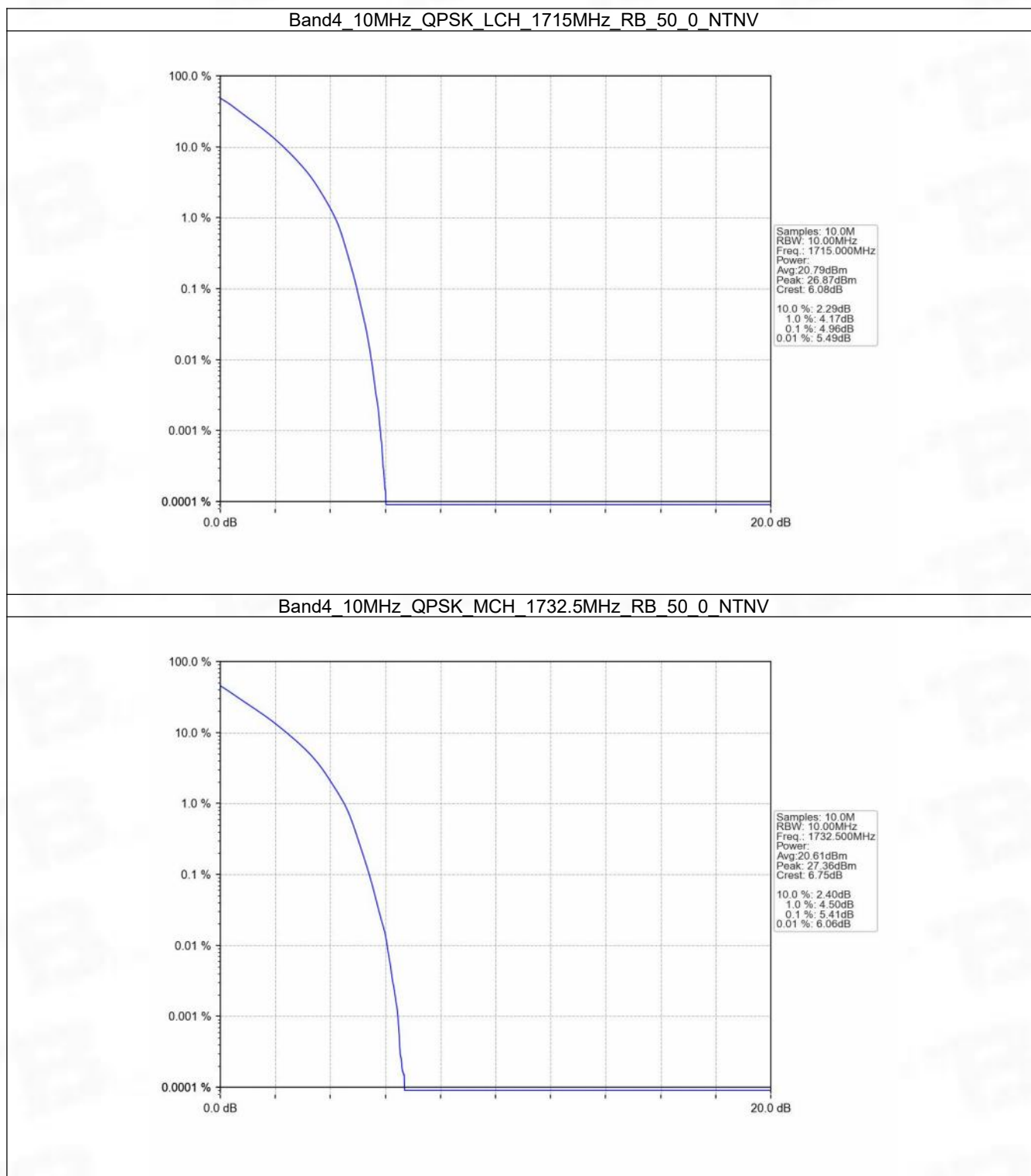
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



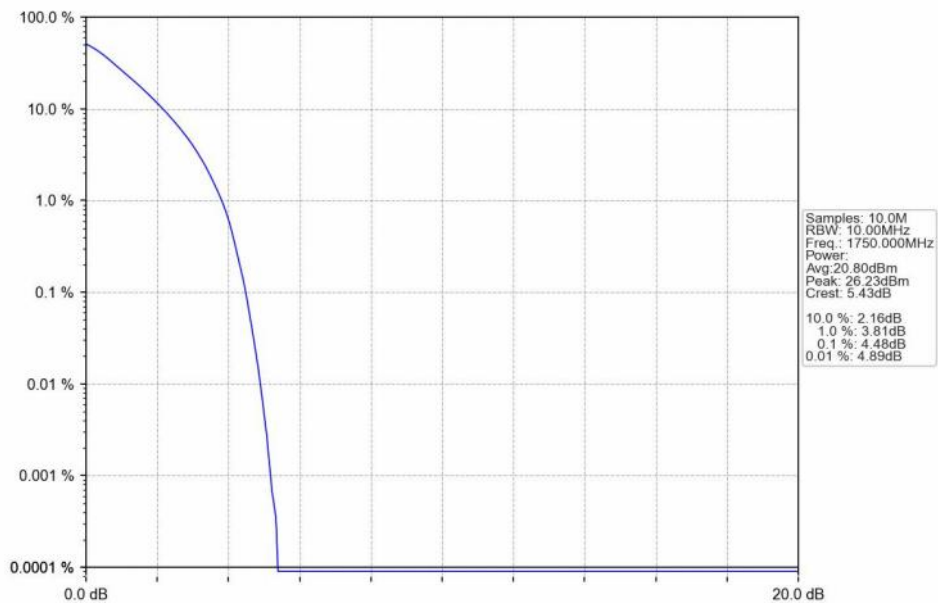
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



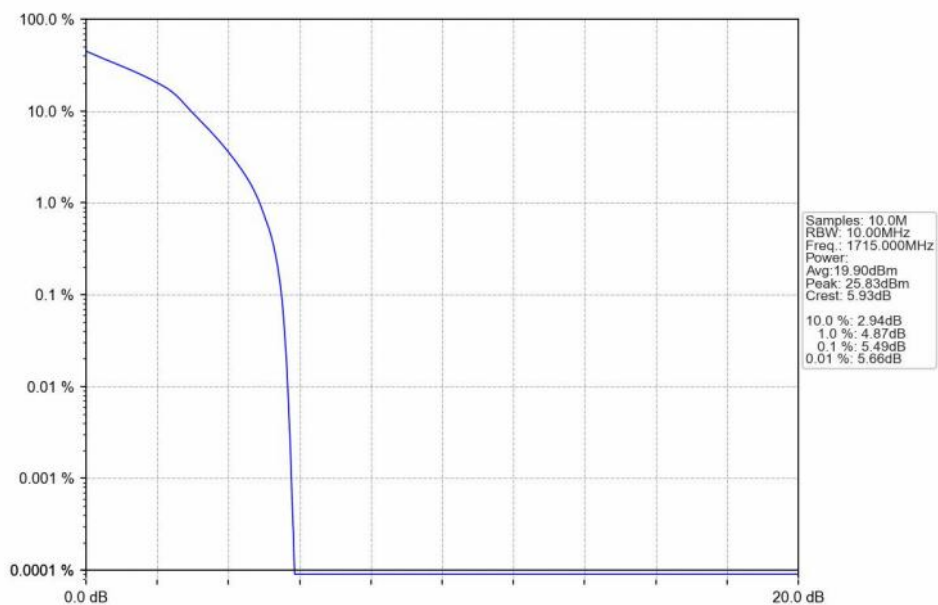
5.2.4 B4_10MHz



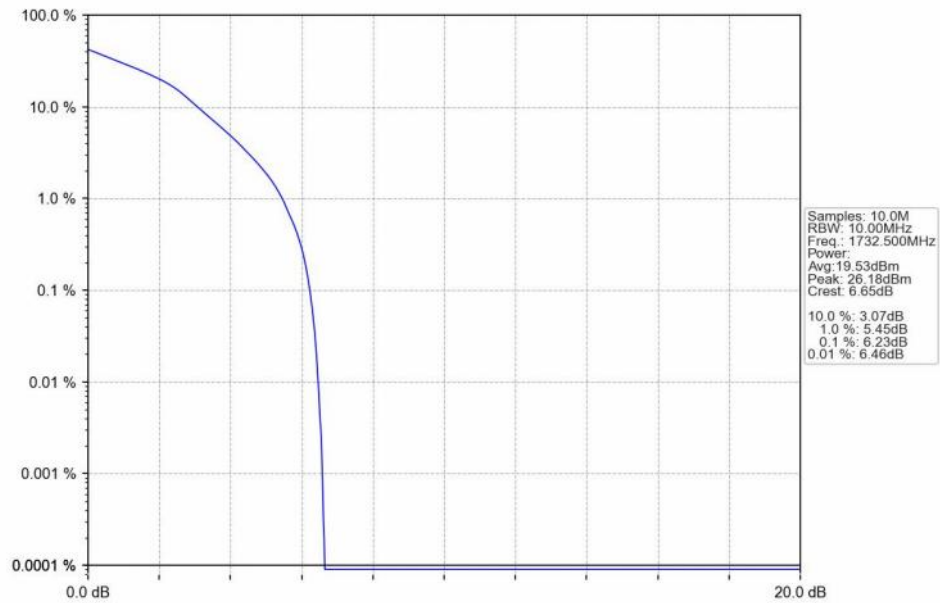
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



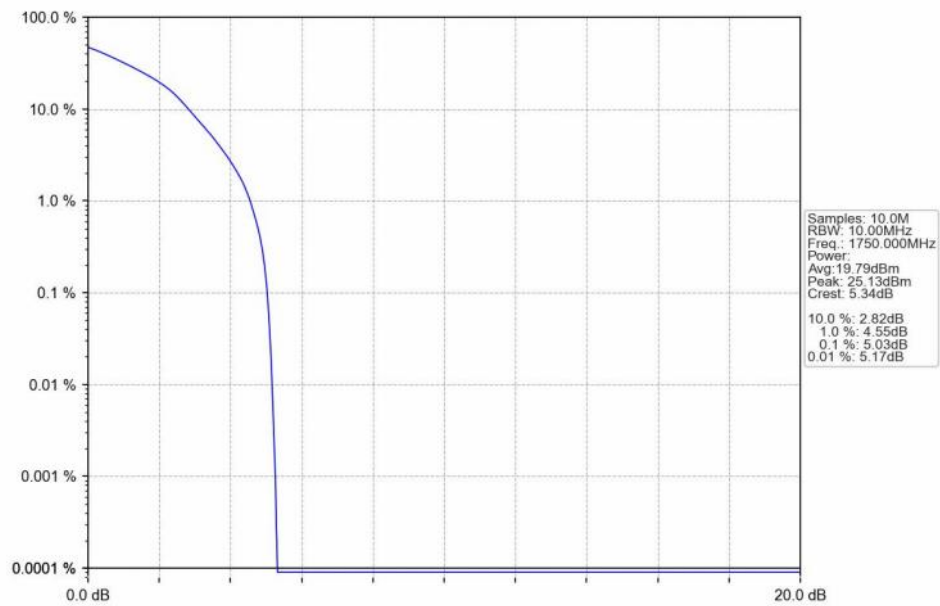
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



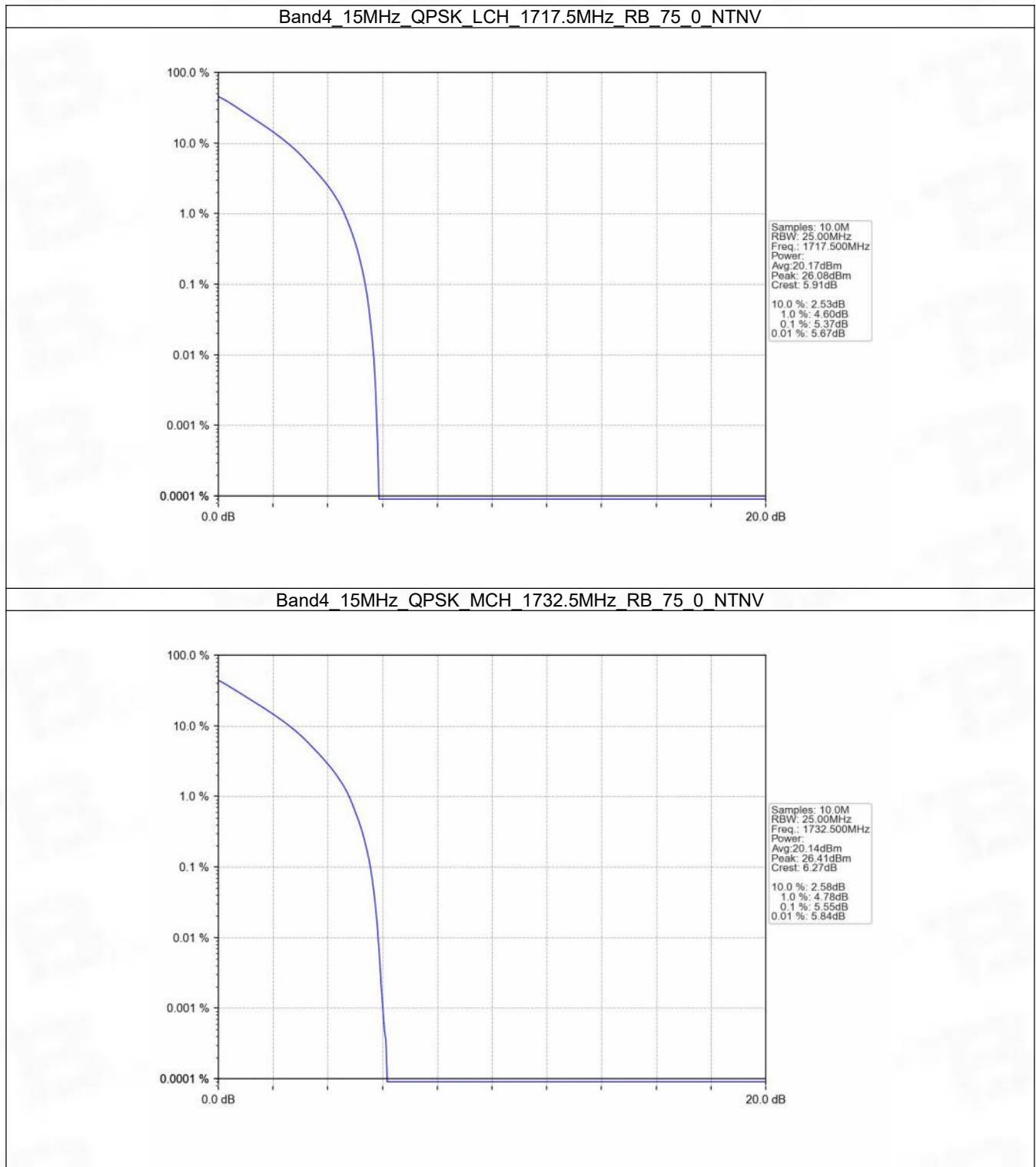
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



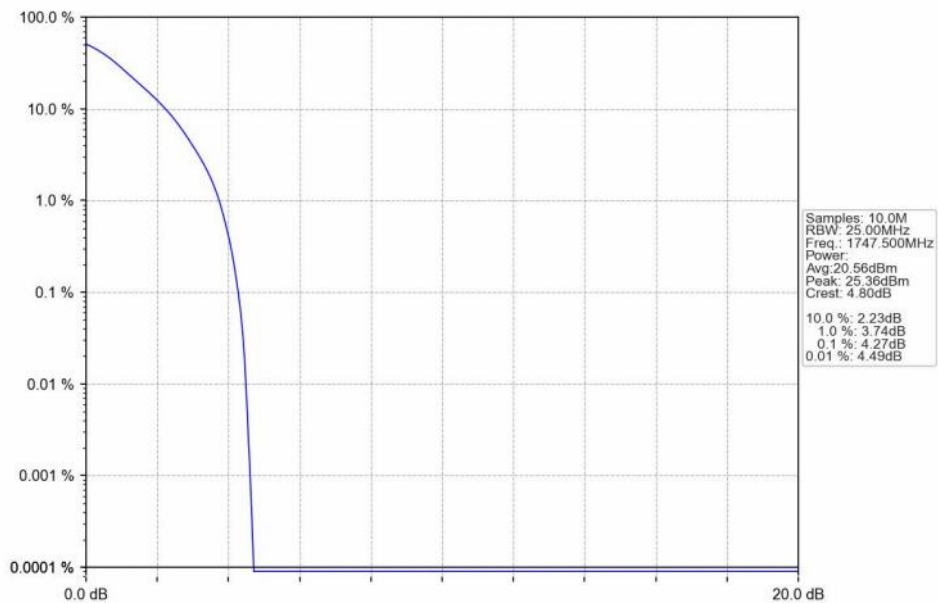
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



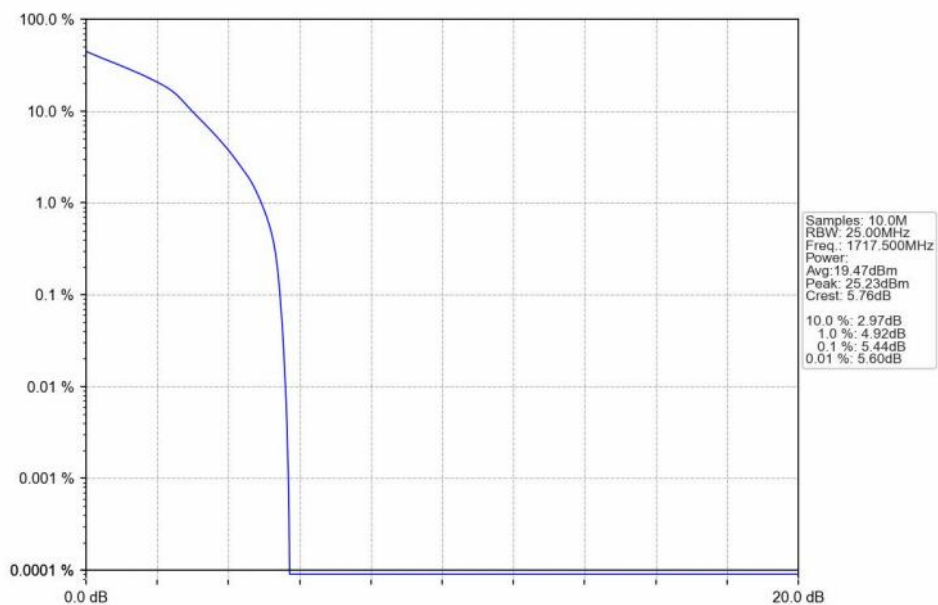
5.2.5 B4_15MHz



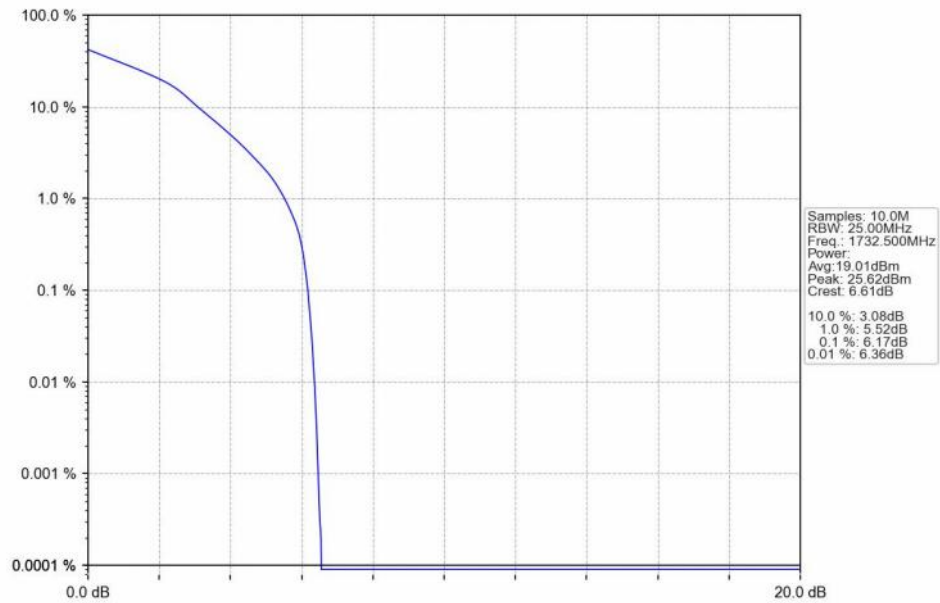
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



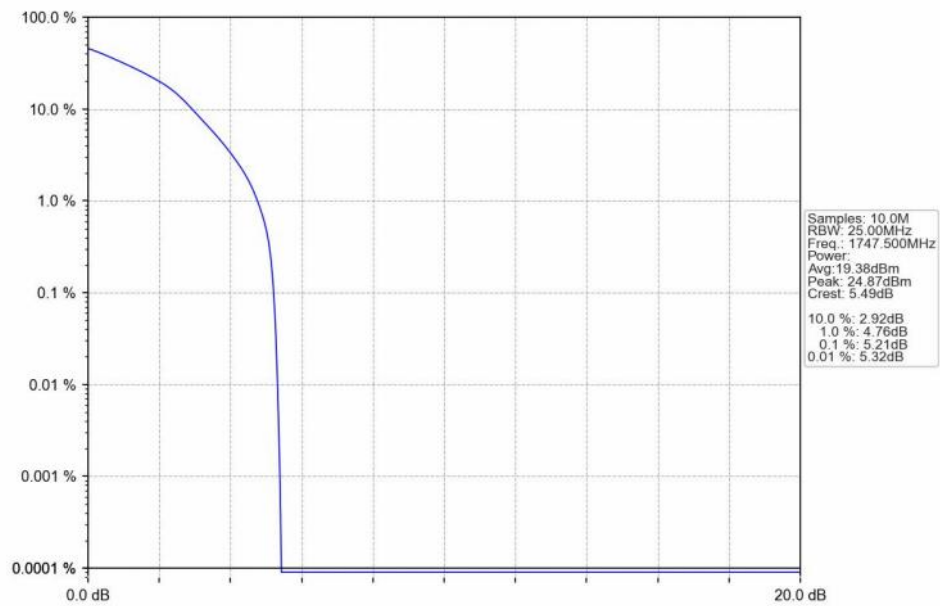
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV

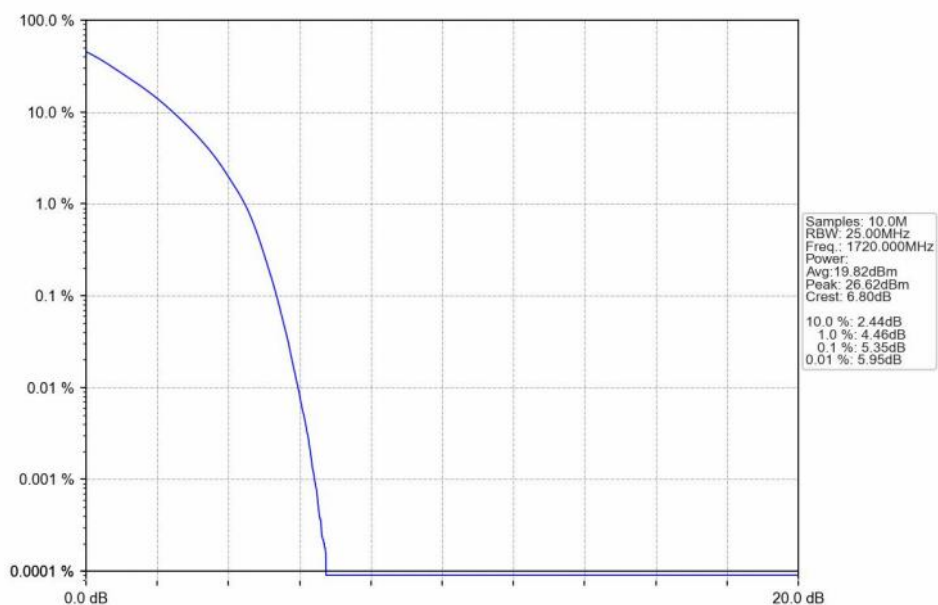


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV

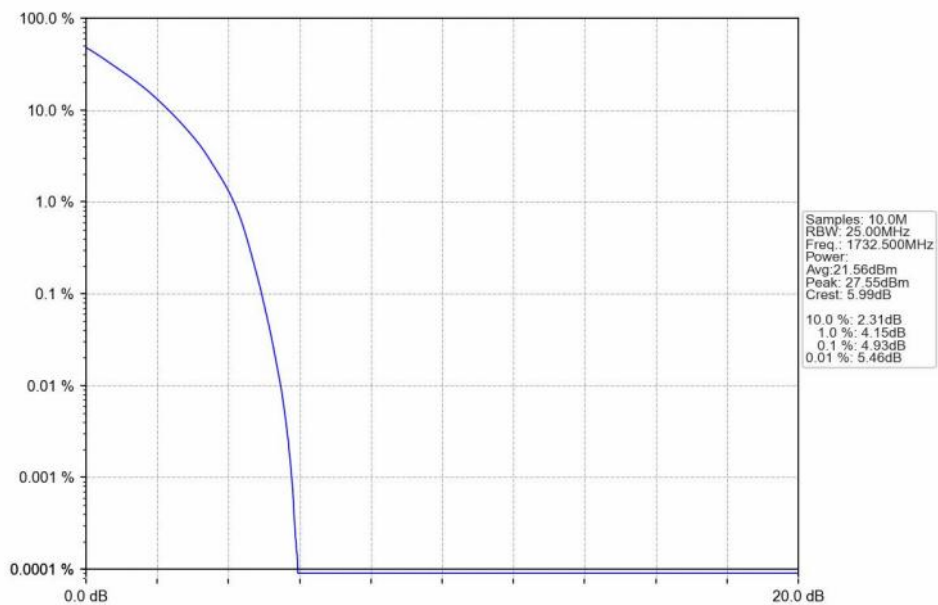


5.2.6 B4_20MHz

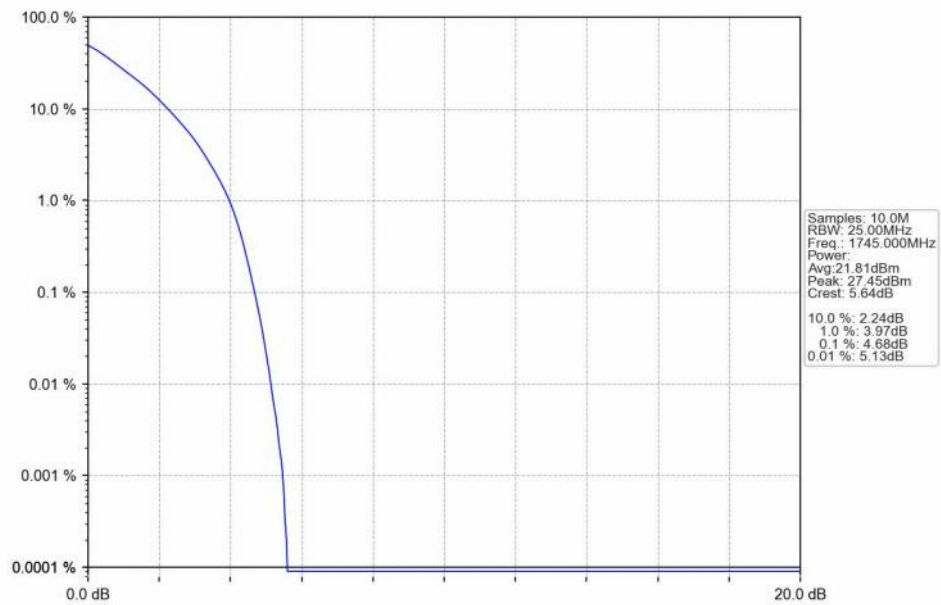
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



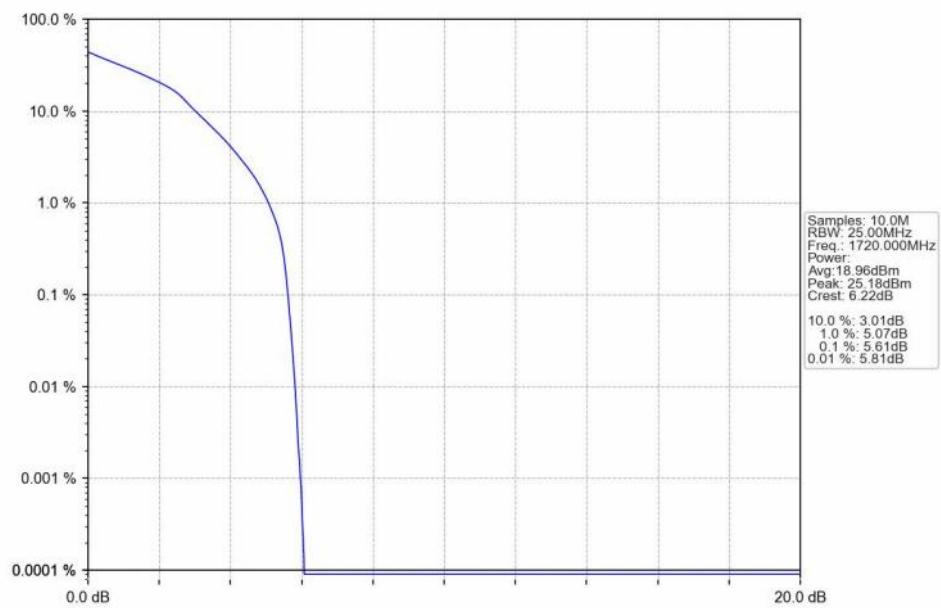
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



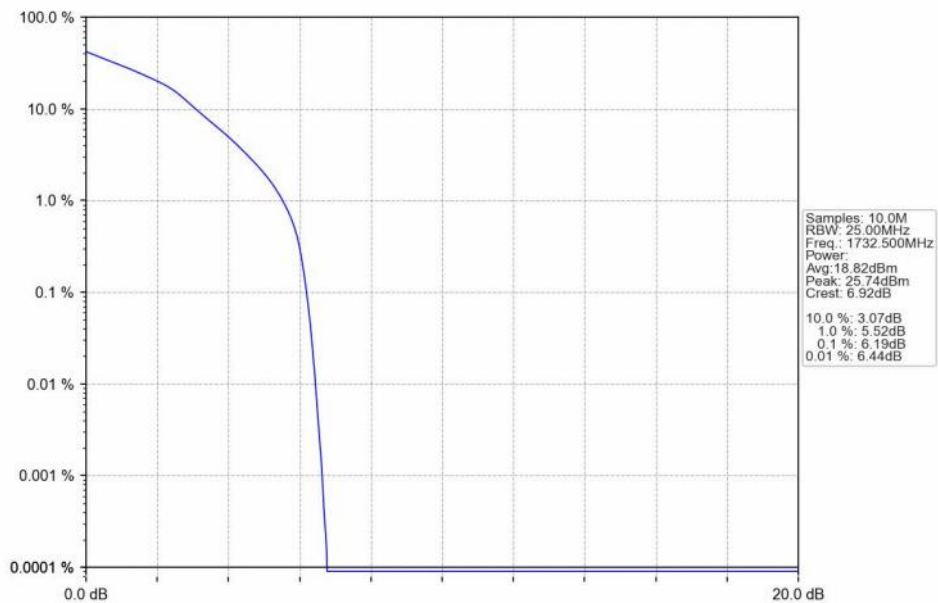
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



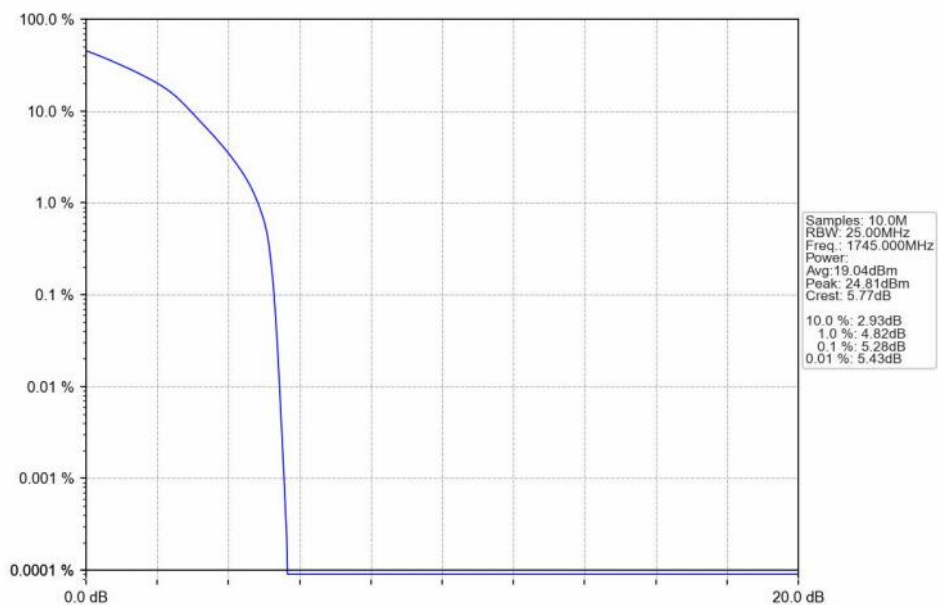
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_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
		1	0	Refer To Test Graph		Pass
	1754.3	1	0	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
		1	0	Refer To Test Graph		Pass
	1754.3	1	0	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
		1	0	Refer To Test Graph		Pass
	1753.5	1	0	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
		1	0	Refer To Test Graph		Pass
	1753.5	1	0	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
		1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

	1732.5	25	0	Refer To Test Graph	Pass
		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 / NTV						
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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.1.5 B4_15MHz

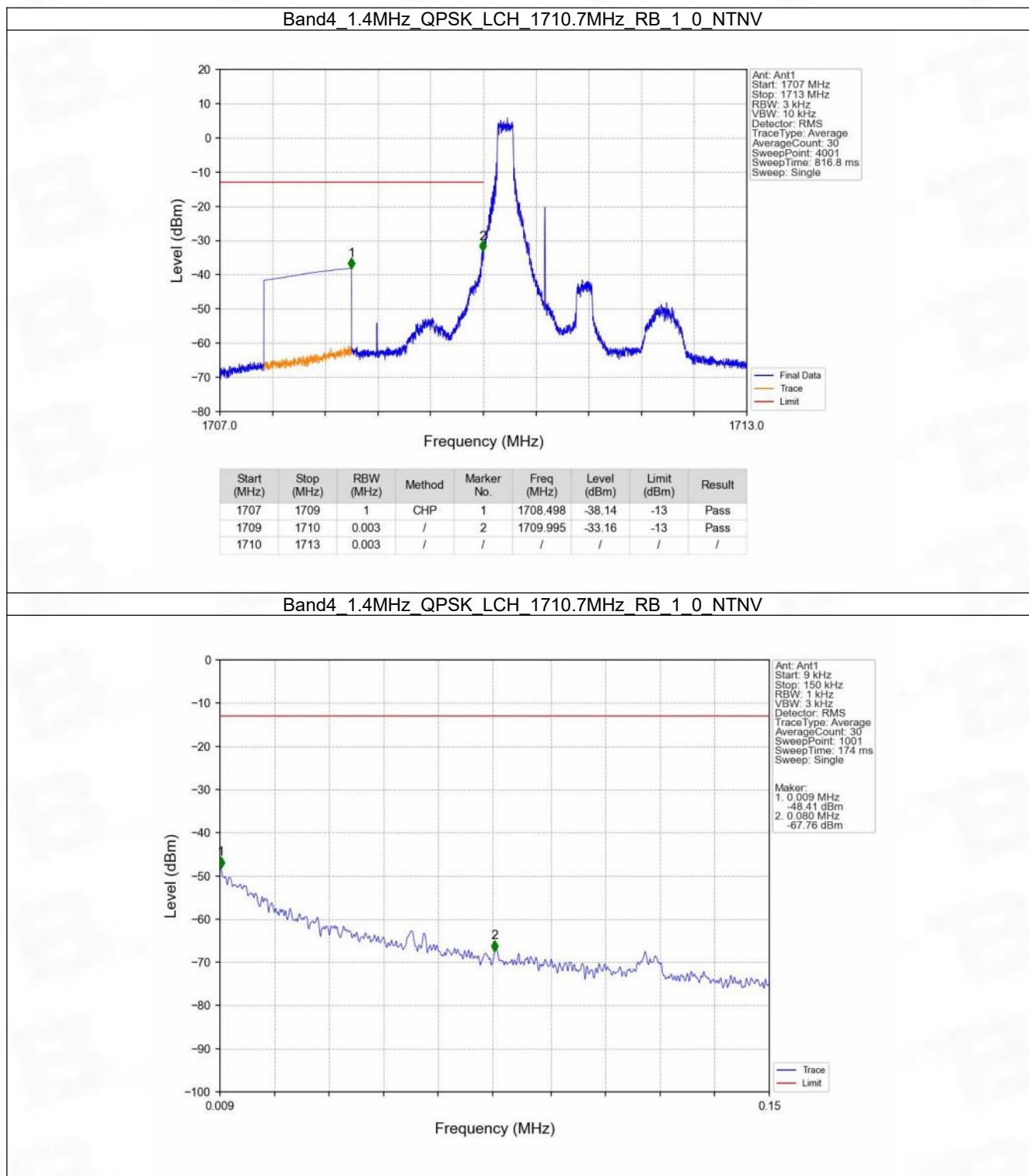
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

6.1.6 B4_20MHz

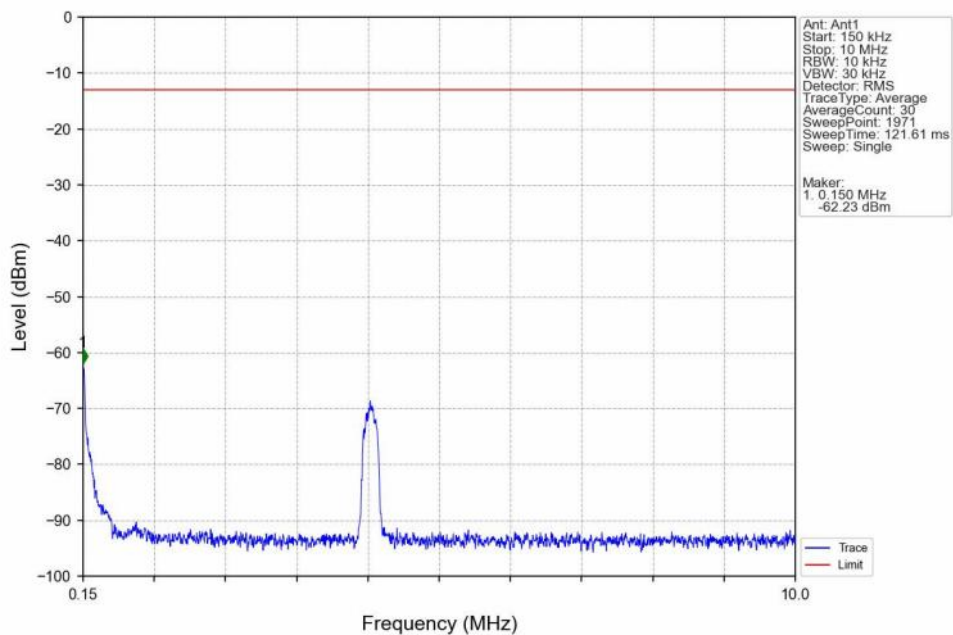
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

6.2 Test Graph

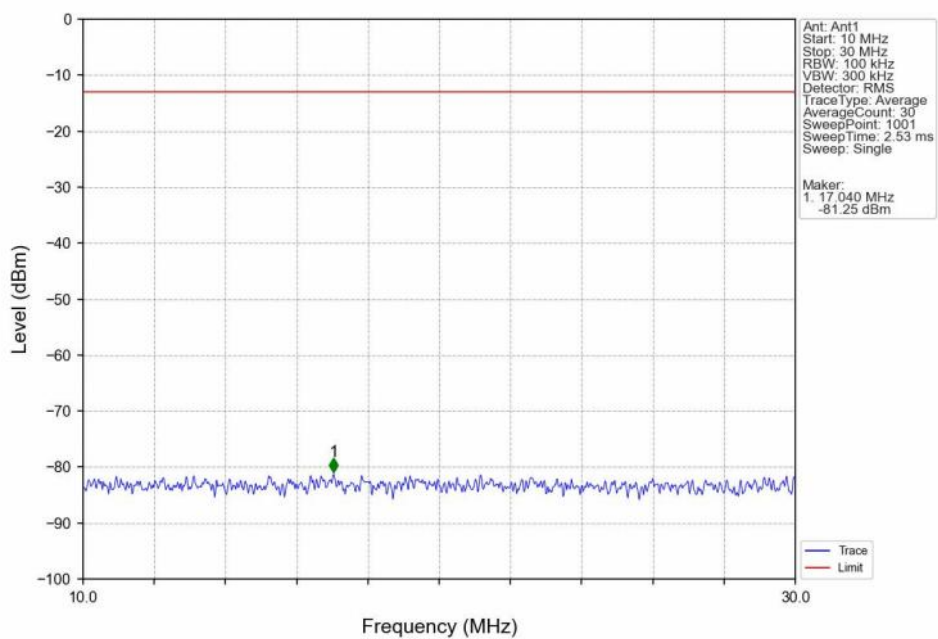
6.2.1 B4_1.4MHz



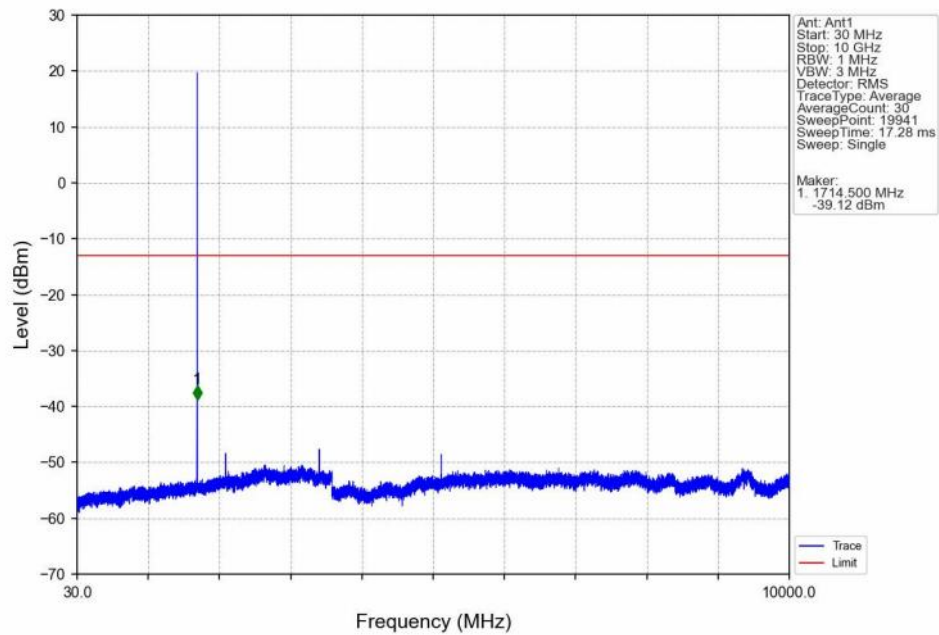
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



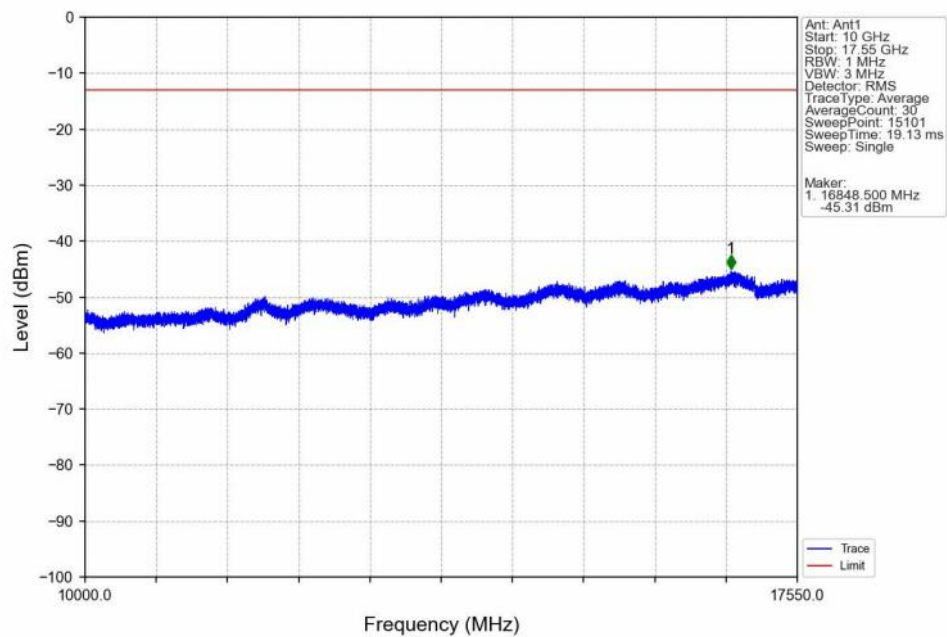
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



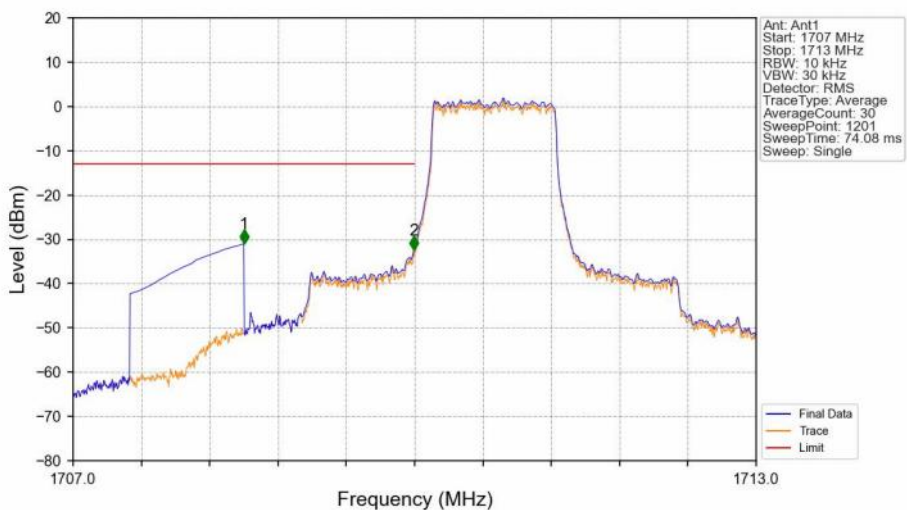
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

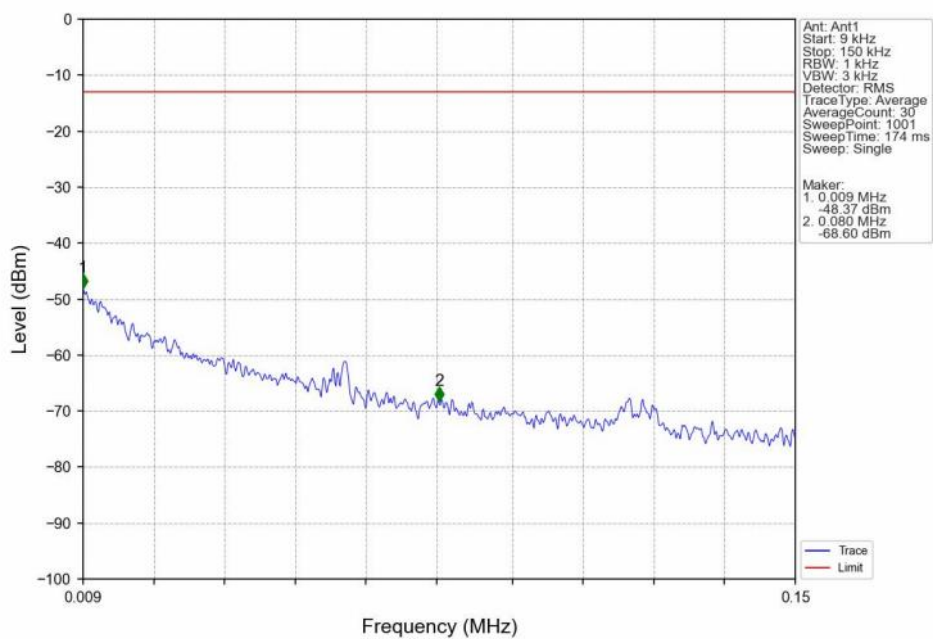


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

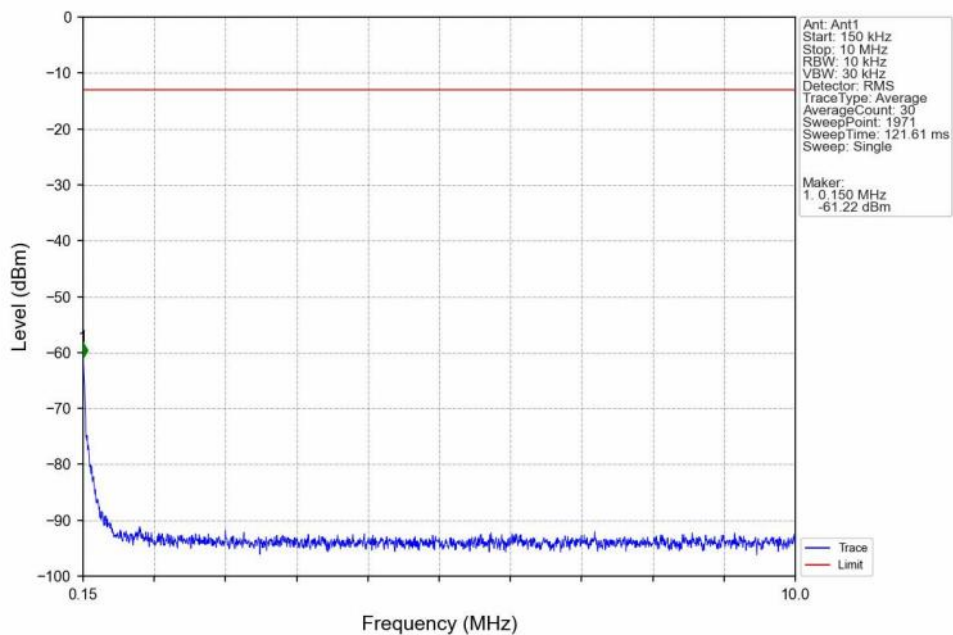


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.01	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-32.36	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/

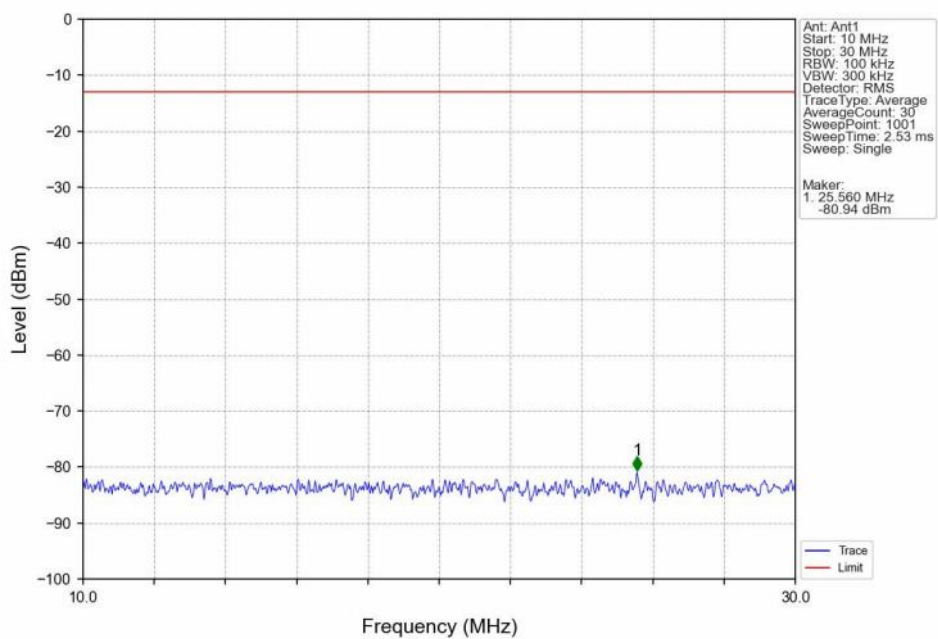
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



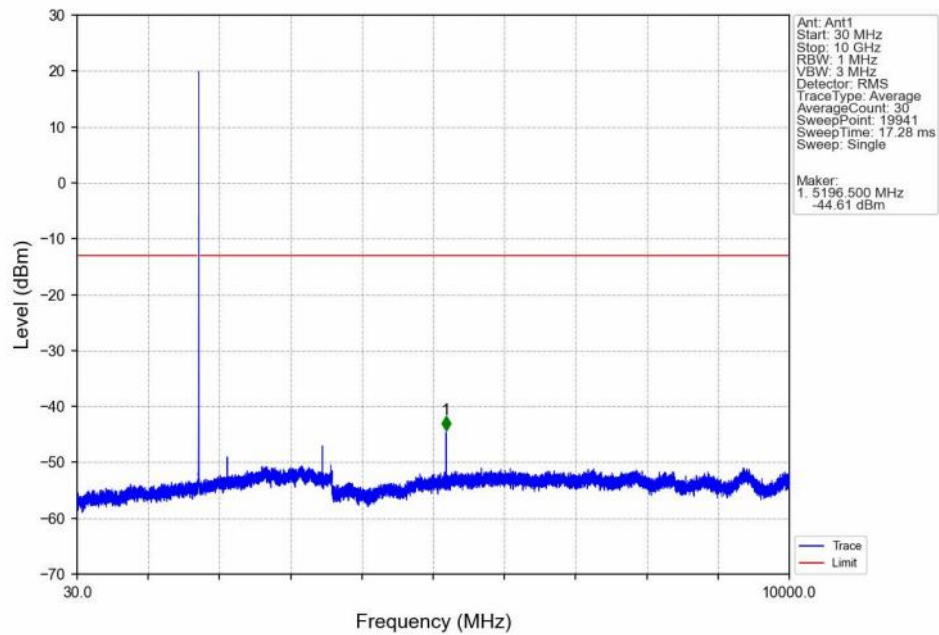
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



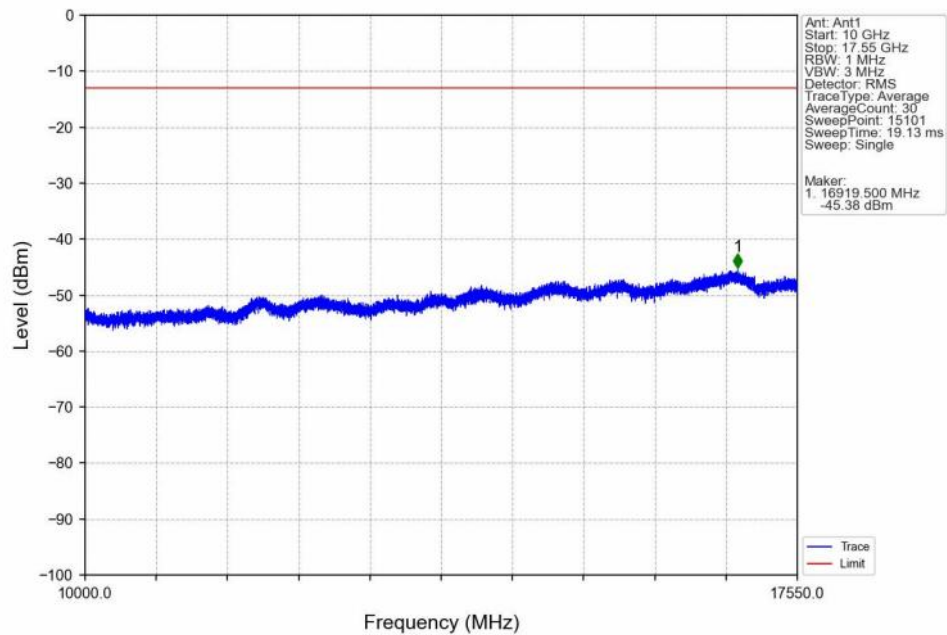
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



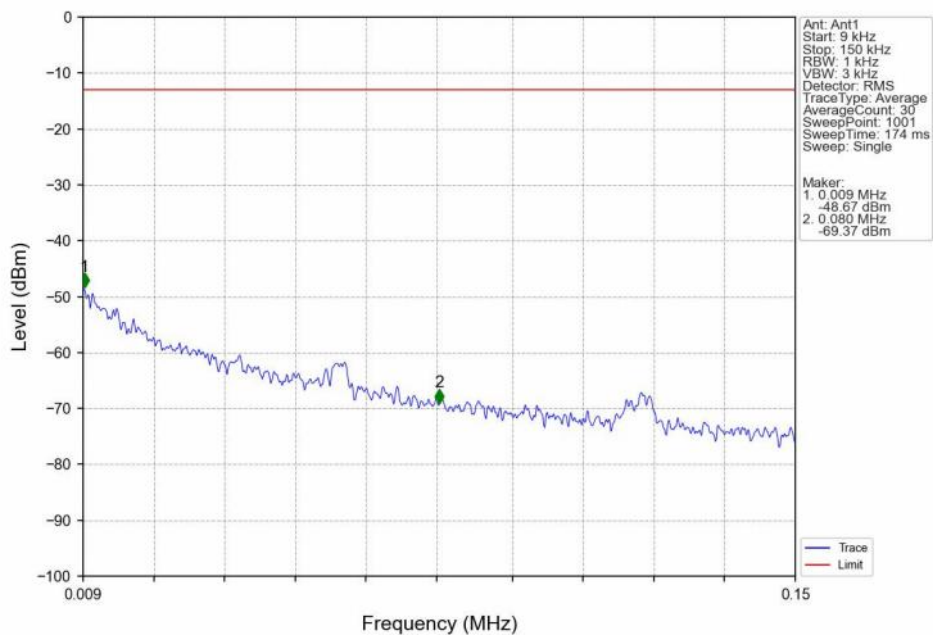
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



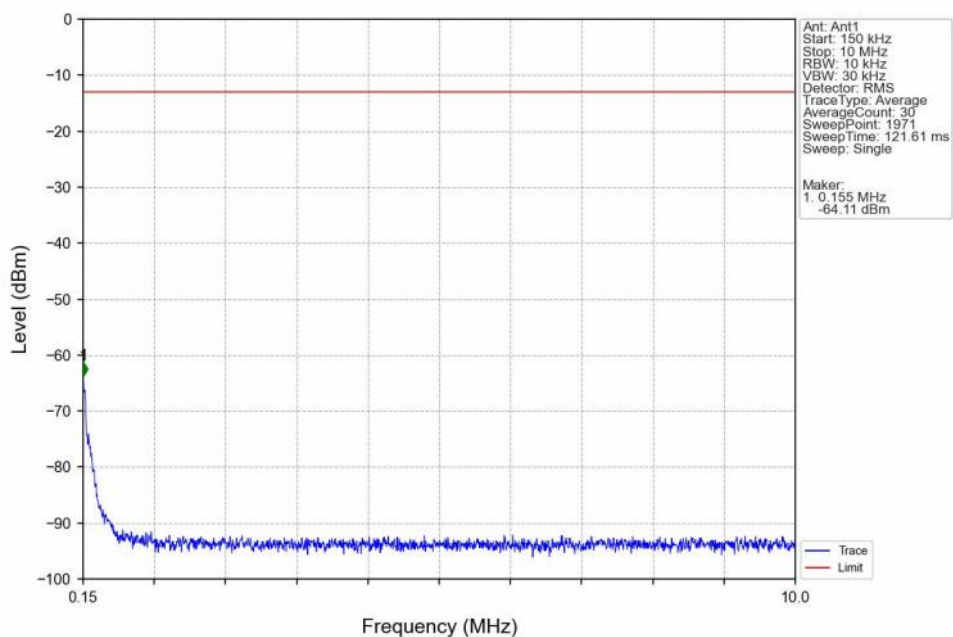
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



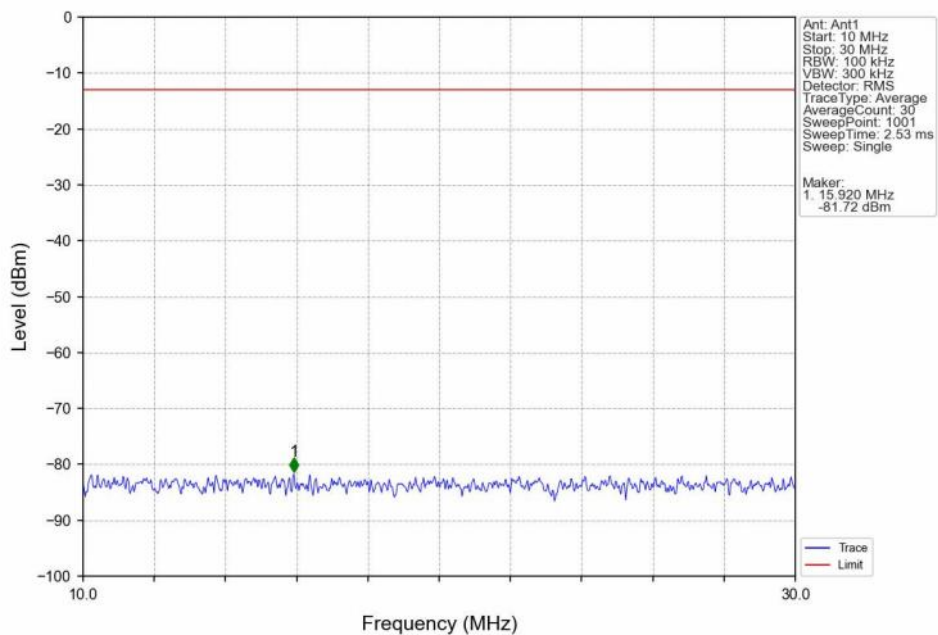
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



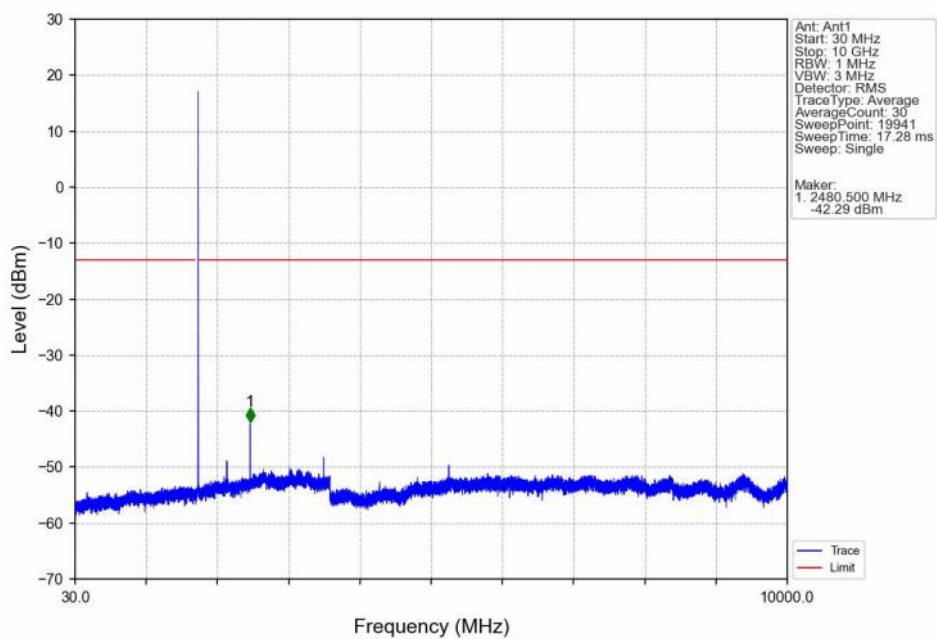
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



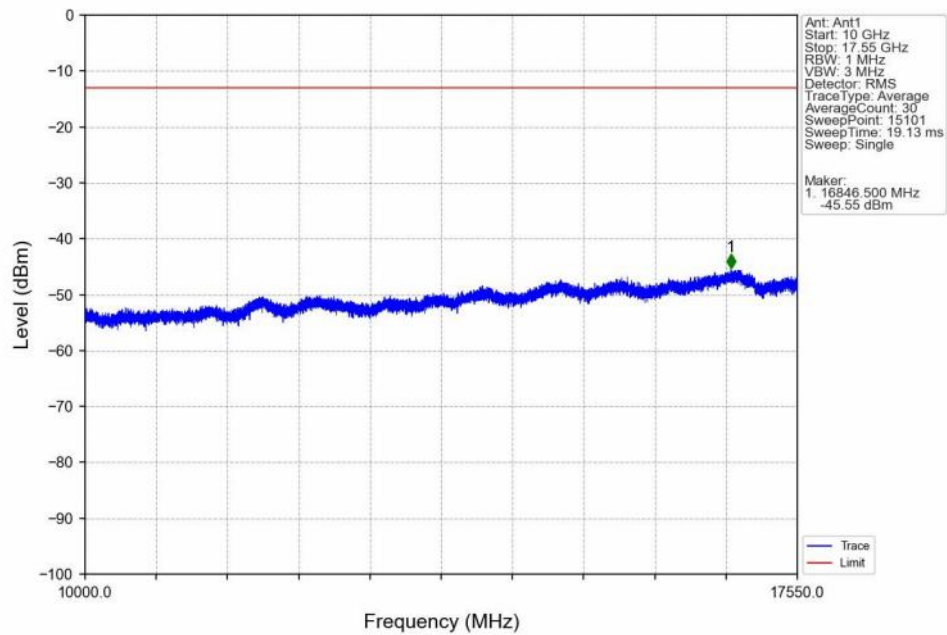
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



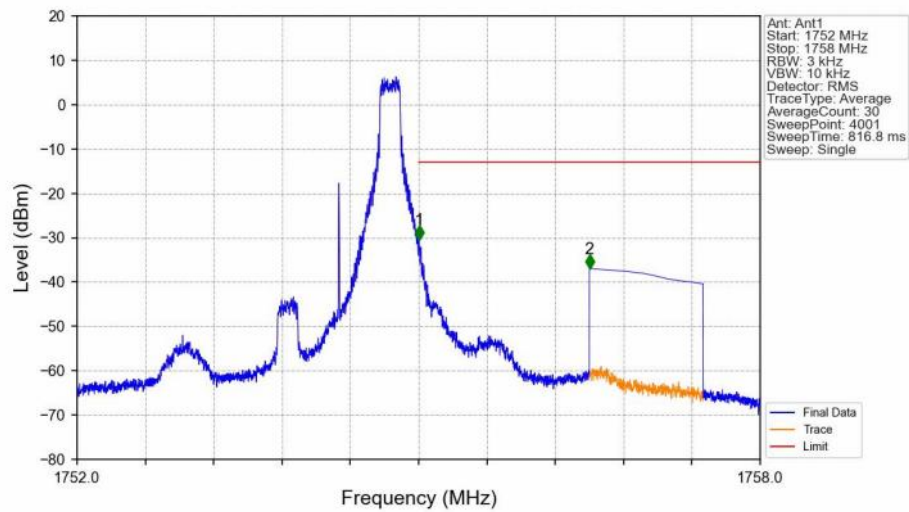
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

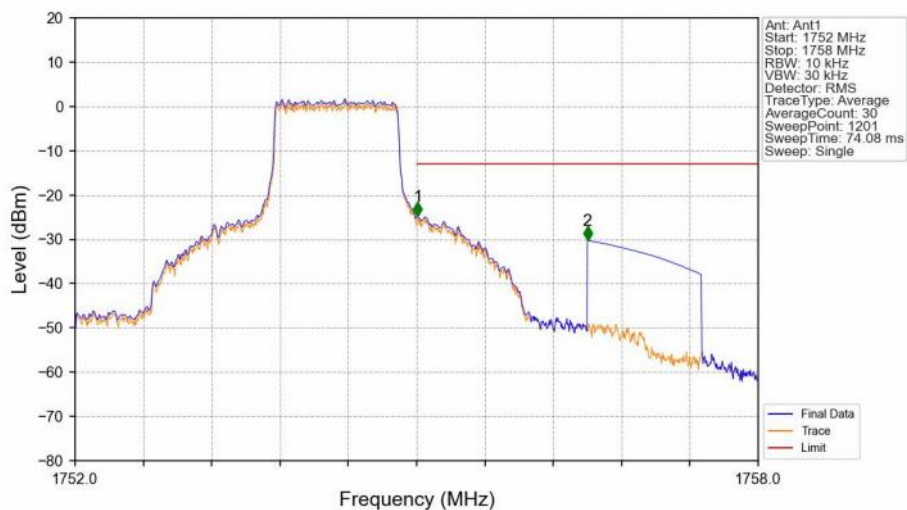


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



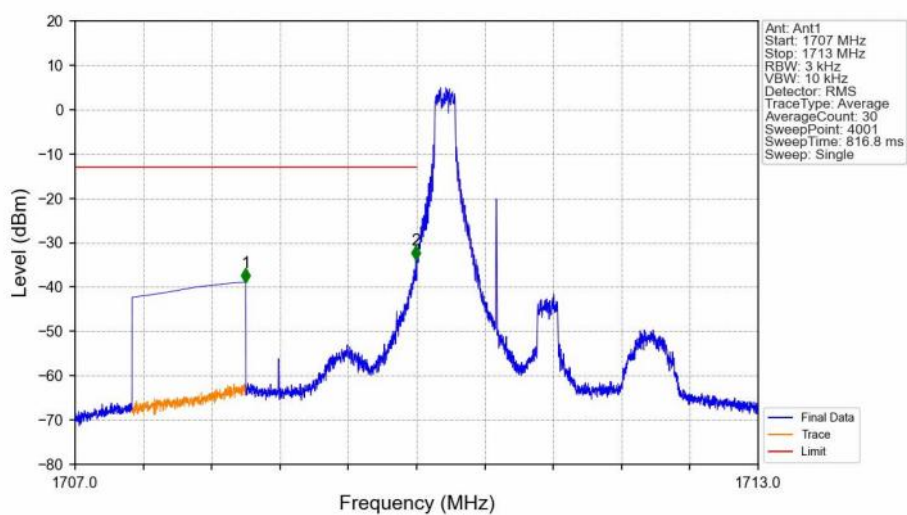
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-30.45	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.99	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



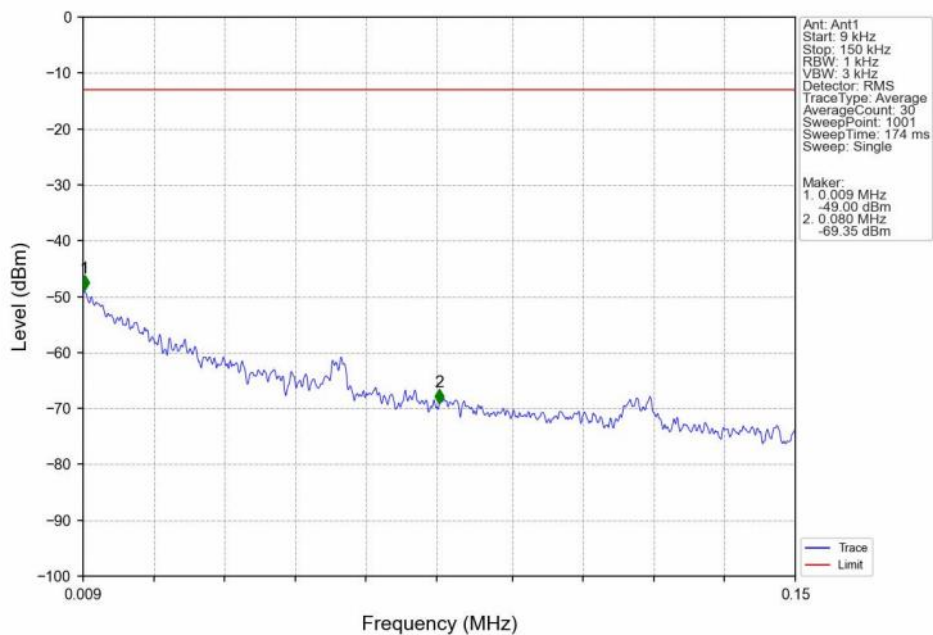
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.010	-24.69	-13	Pass
1756	1758	1	CHP	2	1756.500	-30.23	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

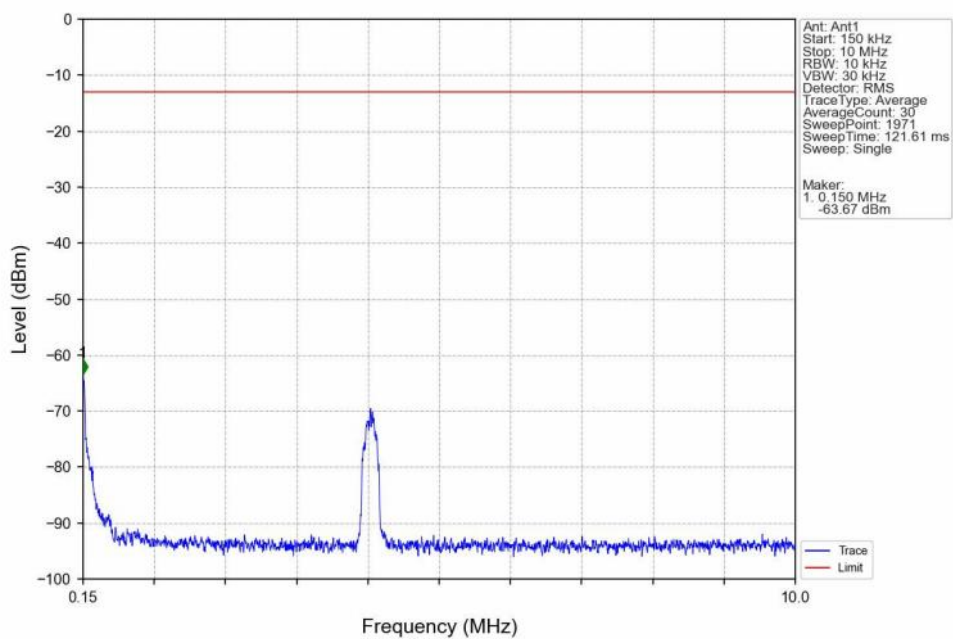


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-38.90	-13	Pass
1709	1710	0.003	/	2	1709.994	-33.81	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

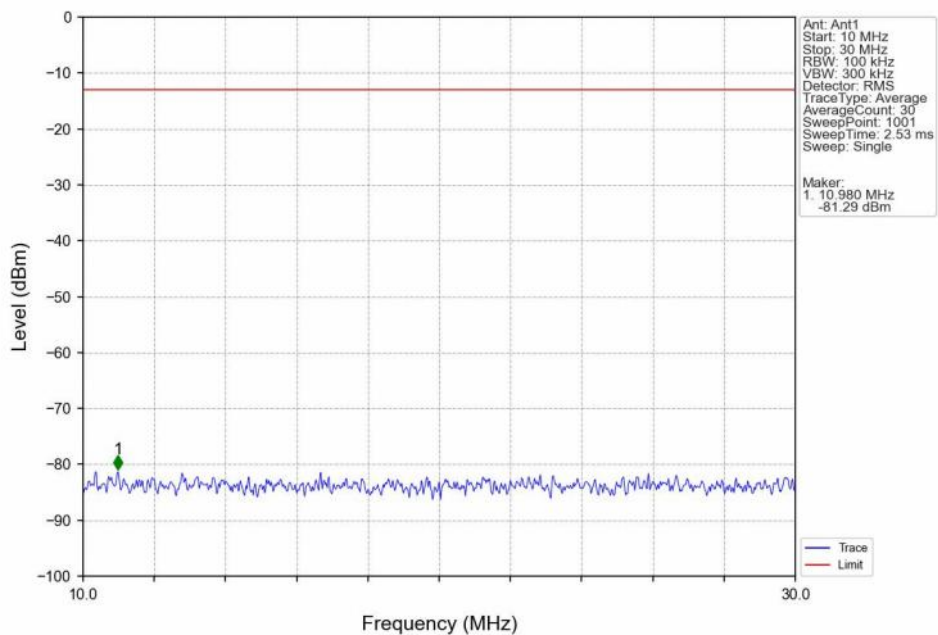
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



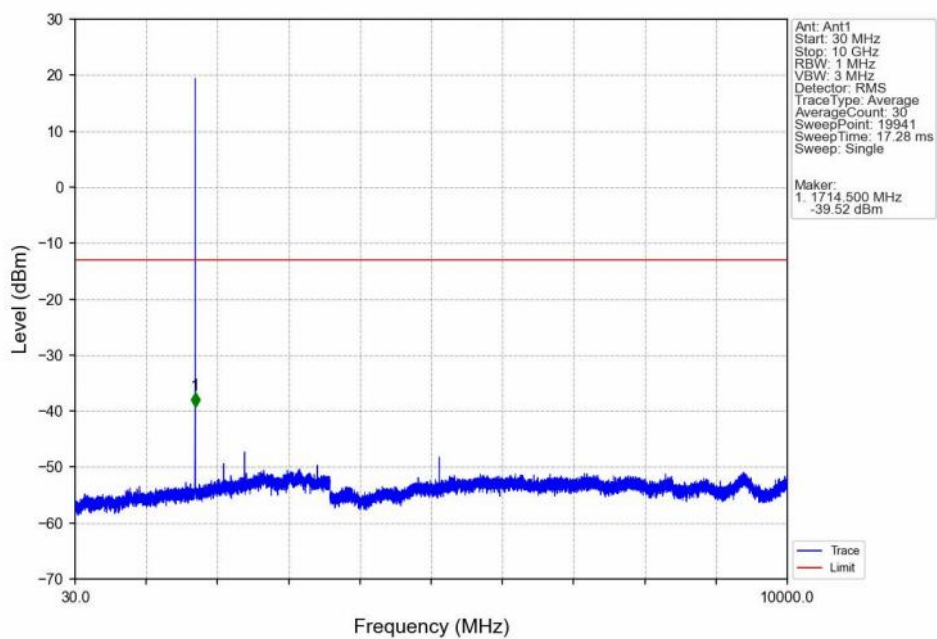
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



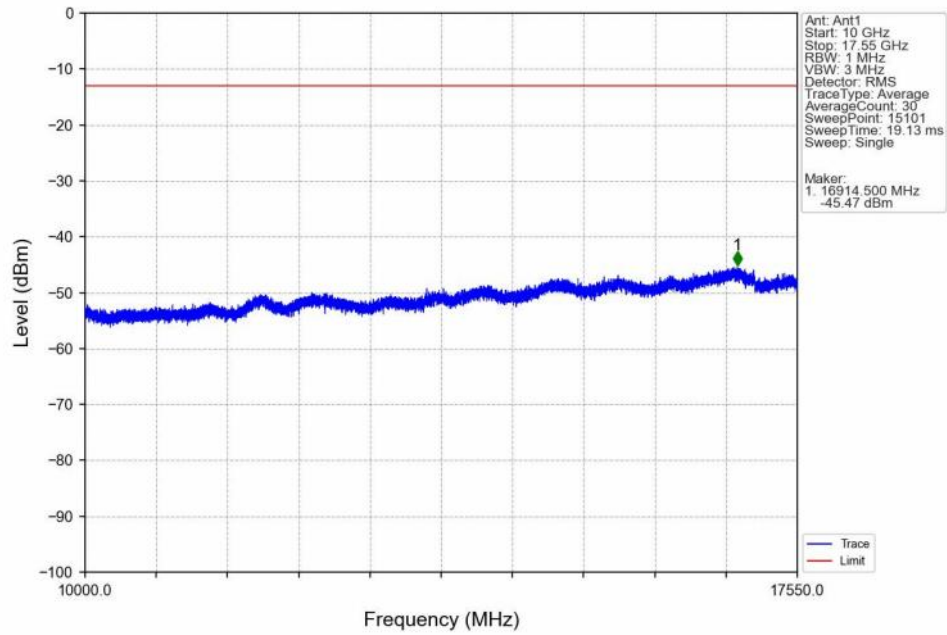
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



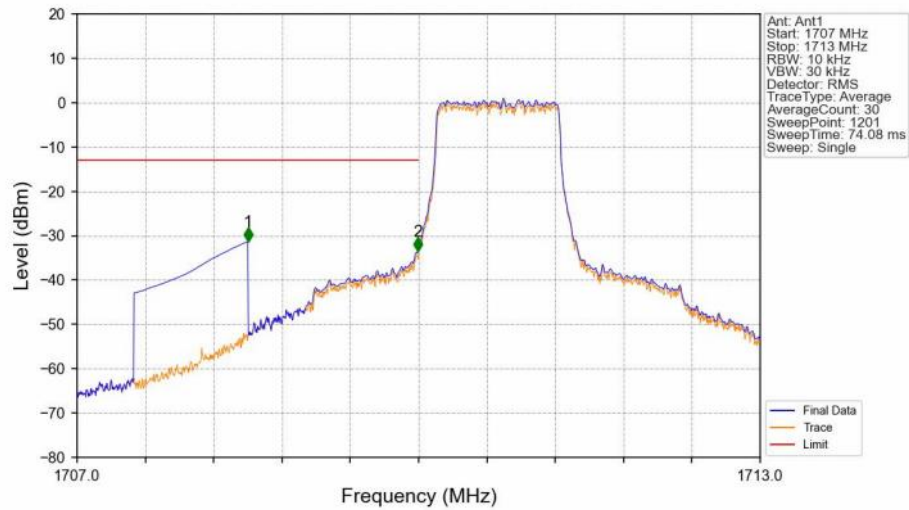
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

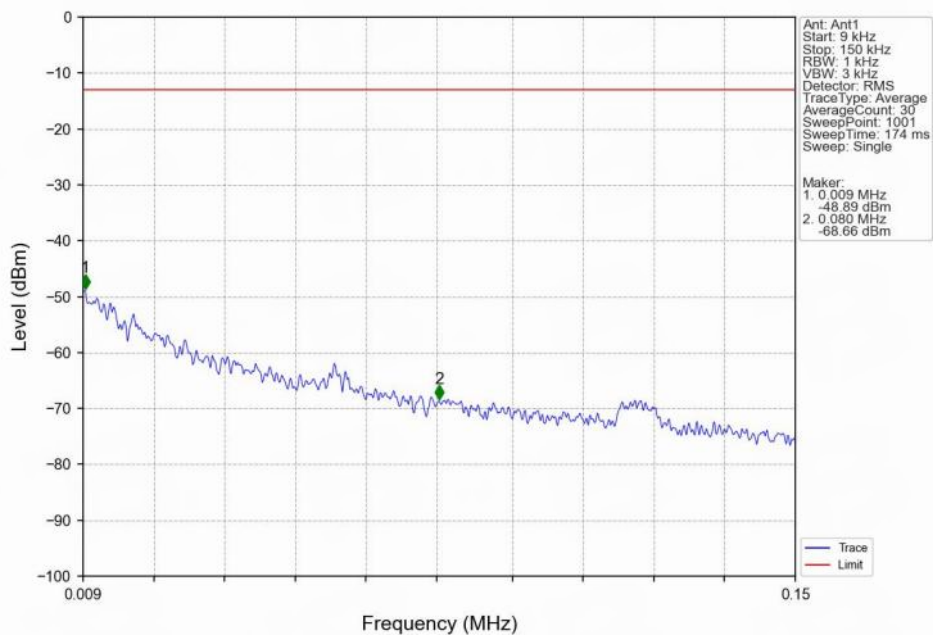


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

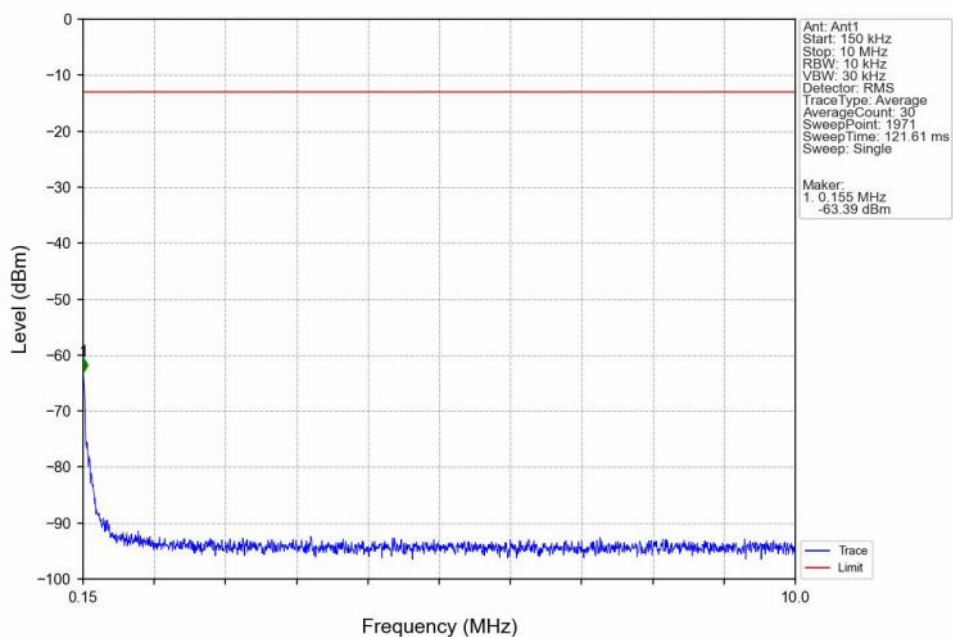


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.34	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-33.56	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/

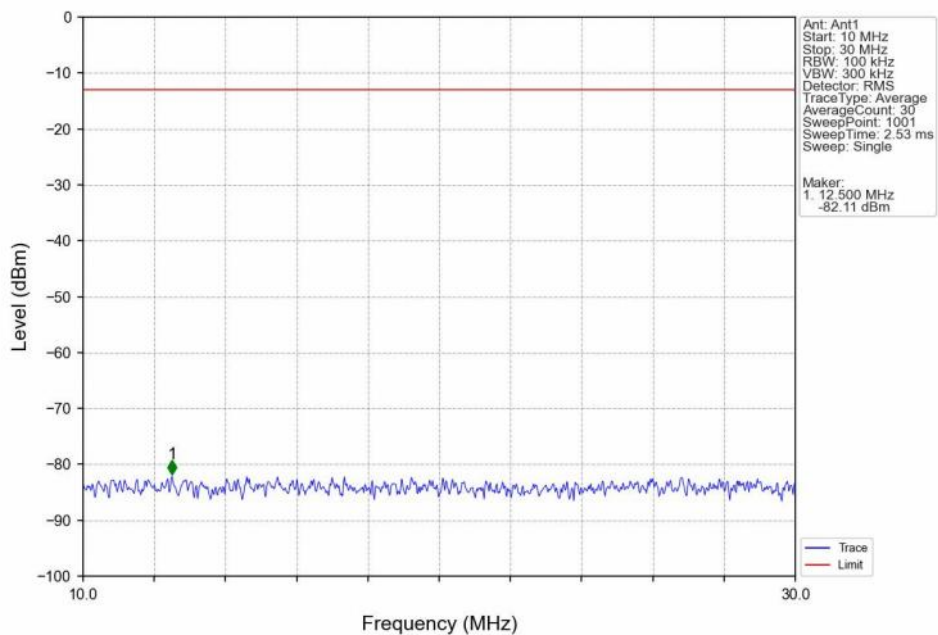
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



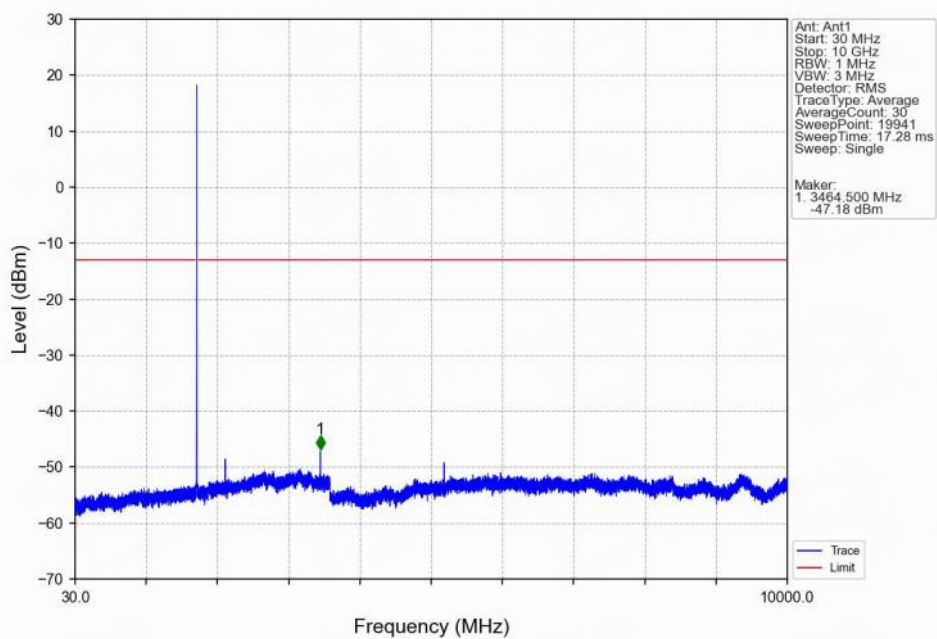
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



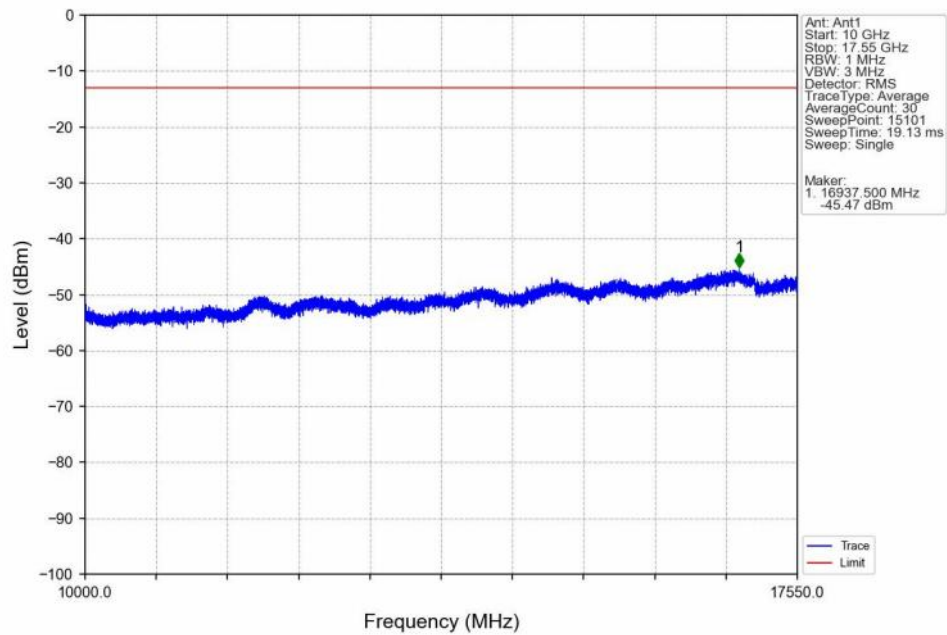
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

