

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	21.28	0.00	21.28	<=30	Pass
			2	21.11	0.00	21.11	<=30	Pass
			5	21.05	0.00	21.05	<=30	Pass
		3	0	20.94	0.00	20.94	<=30	Pass
			2	20.96	0.00	20.96	<=30	Pass
			3	21.03	0.00	21.03	<=30	Pass
		6	0	19.94	0.00	19.94	<=30	Pass
	1732.5	1	0	22.08	0.00	22.08	<=30	Pass
			2	22.06	0.00	22.06	<=30	Pass
			5	21.96	0.00	21.96	<=30	Pass
		3	0	22.02	0.00	22.02	<=30	Pass
			2	22.01	0.00	22.01	<=30	Pass
			3	21.99	0.00	21.99	<=30	Pass
		6	0	20.91	0.00	20.91	<=30	Pass
	1754.3	1	0	21.52	0.00	21.52	<=30	Pass
			2	21.56	0.00	21.56	<=30	Pass
			5	21.58	0.00	21.58	<=30	Pass
		3	0	21.50	0.00	21.50	<=30	Pass
			2	22.04	0.00	22.04	<=30	Pass
			3	21.98	0.00	21.98	<=30	Pass
		6	0	20.51	0.00	20.51	<=30	Pass
16QAM	1710.7	1	0	19.78	0.00	19.78	<=30	Pass
			2	19.85	0.00	19.85	<=30	Pass
			5	19.66	0.00	19.66	<=30	Pass
		3	0	19.50	0.00	19.50	<=30	Pass
			2	19.60	0.00	19.60	<=30	Pass
			3	19.62	0.00	19.62	<=30	Pass
		6	0	18.71	0.00	18.71	<=30	Pass
	1732.5	1	0	20.59	0.00	20.59	<=30	Pass
			2	20.56	0.00	20.56	<=30	Pass
			5	20.64	0.00	20.64	<=30	Pass
		3	0	20.67	0.00	20.67	<=30	Pass
			2	20.60	0.00	20.60	<=30	Pass
			3	20.54	0.00	20.54	<=30	Pass
		6	0	19.71	0.00	19.71	<=30	Pass
	1754.3	1	0	20.49	0.00	20.49	<=30	Pass
			2	20.60	0.00	20.60	<=30	Pass
			5	20.59	0.00	20.59	<=30	Pass
		3	0	20.40	0.00	20.40	<=30	Pass
			2	20.42	0.00	20.42	<=30	Pass
			3	20.39	0.00	20.39	<=30	Pass
		6	0	19.21	0.00	19.21	<=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	20.72	0.00	20.72	<=30	Pass
			7	20.86	0.00	20.86	<=30	Pass
			14	20.69	0.00	20.69	<=30	Pass
		8	0	19.90	0.00	19.90	<=30	Pass
			4	19.86	0.00	19.86	<=30	Pass
			7	19.76	0.00	19.76	<=30	Pass
		15	0	19.85	0.00	19.85	<=30	Pass
	1732.5	1	0	22.08	0.00	22.08	<=30	Pass
			7	22.14	0.00	22.14	<=30	Pass
			14	21.94	0.00	21.94	<=30	Pass
		8	0	20.74	0.00	20.74	<=30	Pass
			4	20.80	0.00	20.80	<=30	Pass
			7	20.77	0.00	20.77	<=30	Pass
		15	0	20.73	0.00	20.73	<=30	Pass
	1753.5	1	0	21.72	0.00	21.72	<=30	Pass
			7	23.20	0.00	23.20	<=30	Pass
			14	23.06	0.00	23.06	<=30	Pass
		8	0	20.44	0.00	20.44	<=30	Pass
			4	20.46	0.00	20.46	<=30	Pass
			7	20.43	0.00	20.43	<=30	Pass
		15	0	20.42	0.00	20.42	<=30	Pass
16QAM	1711.5	1	0	19.65	0.00	19.65	<=30	Pass
			7	19.76	0.00	19.76	<=30	Pass
			14	19.54	0.00	19.54	<=30	Pass
		8	0	18.73	0.00	18.73	<=30	Pass
			4	18.76	0.00	18.76	<=30	Pass
			7	18.67	0.00	18.67	<=30	Pass
		15	0	18.69	0.00	18.69	<=30	Pass
	1732.5	1	0	20.58	0.00	20.58	<=30	Pass
			7	20.73	0.00	20.73	<=30	Pass
			14	20.53	0.00	20.53	<=30	Pass
		8	0	19.68	0.00	19.68	<=30	Pass
			4	19.74	0.00	19.74	<=30	Pass
			7	19.72	0.00	19.72	<=30	Pass
		15	0	19.65	0.00	19.65	<=30	Pass
	1753.5	1	0	20.42	0.00	20.42	<=30	Pass
			7	20.57	0.00	20.57	<=30	Pass
			14	20.53	0.00	20.53	<=30	Pass
		8	0	19.17	0.00	19.17	<=30	Pass
			4	19.11	0.00	19.11	<=30	Pass
			7	19.08	0.00	19.08	<=30	Pass
		15	0	19.02	0.00	19.02	<=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	21.11	0.00	21.11	<=30	Pass
			13	21.79	0.00	21.79	<=30	Pass
			24	21.54	0.00	21.54	<=30	Pass
		12	0	20.17	0.00	20.17	<=30	Pass
			6	20.22	0.00	20.22	<=30	Pass
			13	20.05	0.00	20.05	<=30	Pass

16QAM	1732.5	25	0	20.15	0.00	20.15	<=30	Pass
		1	0	22.93	0.00	22.93	<=30	Pass
			13	23.06	0.00	23.06	<=30	Pass
			24	22.71	0.00	22.71	<=30	Pass
		12	0	20.83	0.00	20.83	<=30	Pass
			6	20.87	0.00	20.87	<=30	Pass
			13	20.76	0.00	20.76	<=30	Pass
		25	0	20.78	0.00	20.78	<=30	Pass
	1752.5	1	0	22.76	0.00	22.76	<=30	Pass
			13	23.04	0.00	23.04	<=30	Pass
			24	22.81	0.00	22.81	<=30	Pass
		12	0	20.33	0.00	20.33	<=30	Pass
			6	20.42	0.00	20.42	<=30	Pass
			13	20.30	0.00	20.30	<=30	Pass
		25	0	20.30	0.00	20.30	<=30	Pass
	1712.5	1	0	19.99	0.00	19.99	<=30	Pass
			13	20.23	0.00	20.23	<=30	Pass
			24	19.93	0.00	19.93	<=30	Pass
		12	0	18.99	0.00	18.99	<=30	Pass
			6	19.05	0.00	19.05	<=30	Pass
			13	18.93	0.00	18.93	<=30	Pass
		25	0	18.96	0.00	18.96	<=30	Pass
	1732.5	1	0	20.62	0.00	20.62	<=30	Pass
			13	20.96	0.00	20.96	<=30	Pass
			24	20.61	0.00	20.61	<=30	Pass
		12	0	19.48	0.00	19.48	<=30	Pass
			6	19.64	0.00	19.64	<=30	Pass
			13	19.55	0.00	19.55	<=30	Pass
		25	0	19.59	0.00	19.59	<=30	Pass
	1752.5	1	0	20.28	0.00	20.28	<=30	Pass
			13	20.50	0.00	20.50	<=30	Pass
			24	20.22	0.00	20.22	<=30	Pass
		12	0	18.95	0.00	18.95	<=30	Pass
			6	19.05	0.00	19.05	<=30	Pass
			13	18.94	0.00	18.94	<=30	Pass
		25	0	19.00	0.00	19.00	<=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	20.97	0.00	20.97	<=30	Pass
			25	21.45	0.00	21.45	<=30	Pass
			49	21.69	0.00	21.69	<=30	Pass
		25	0	20.09	0.00	20.09	<=30	Pass
			13	20.16	0.00	20.16	<=30	Pass
			25	20.20	0.00	20.20	<=30	Pass
		50	0	20.09	0.00	20.09	<=30	Pass
	1732.5	1	0	22.83	0.00	22.83	<=30	Pass
			25	23.06	0.00	23.06	<=30	Pass
			49	22.58	0.00	22.58	<=30	Pass
		25	0	20.67	0.00	20.67	<=30	Pass
			13	20.84	0.00	20.84	<=30	Pass
			25	20.77	0.00	20.77	<=30	Pass
		50	0	20.75	0.00	20.75	<=30	Pass

16QAM	1750	1	0	22.37	0.00	22.37	<=30	Pass
			25	22.85	0.00	22.85	<=30	Pass
			49	22.73	0.00	22.73	<=30	Pass
		25	0	20.13	0.00	20.13	<=30	Pass
			13	20.25	0.00	20.25	<=30	Pass
			25	20.20	0.00	20.20	<=30	Pass
		50	0	20.17	0.00	20.17	<=30	Pass
	1715	1	0	19.57	0.00	19.57	<=30	Pass
			25	20.00	0.00	20.00	<=30	Pass
			49	19.87	0.00	19.87	<=30	Pass
		12	0	20.34	0.00	20.34	<=30	Pass
			19	20.50	0.00	20.50	<=30	Pass
			38	20.36	0.00	20.36	<=30	Pass
		27	0	19.31	0.00	19.31	<=30	Pass
	1732.5	1	0	20.19	0.00	20.19	<=30	Pass
			25	20.85	0.00	20.85	<=30	Pass
			49	20.36	0.00	20.36	<=30	Pass
		12	0	20.67	0.00	20.67	<=30	Pass
			19	21.14	0.00	21.14	<=30	Pass
			38	20.84	0.00	20.84	<=30	Pass
		27	0	19.85	0.00	19.85	<=30	Pass
	1750	1	0	19.91	0.00	19.91	<=30	Pass
			25	20.43	0.00	20.43	<=30	Pass
			49	20.05	0.00	20.05	<=30	Pass
		12	0	19.93	0.00	19.93	<=30	Pass
			19	20.00	0.00	20.00	<=30	Pass
			38	19.69	0.00	19.69	<=30	Pass
		27	23	18.97	0.00	18.97	<=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	21.22	0.00	21.22	<=30	Pass
			38	21.53	0.00	21.53	<=30	Pass
			74	22.15	0.00	22.15	<=30	Pass
		36	0	20.52	0.00	20.52	<=30	Pass
			18	20.99	0.00	20.99	<=30	Pass
			39	21.05	0.00	21.05	<=30	Pass
		75	0	20.84	0.00	20.84	<=30	Pass
	1732.5	1	0	21.42	0.00	21.42	<=30	Pass
			38	22.15	0.00	22.15	<=30	Pass
			74	22.06	0.00	22.06	<=30	Pass
		36	0	20.43	0.00	20.43	<=30	Pass
			18	20.83	0.00	20.83	<=30	Pass
			39	20.71	0.00	20.71	<=30	Pass
		75	0	20.47	0.00	20.47	<=30	Pass
	1747.5	1	0	21.27	0.00	21.27	<=30	Pass
			38	21.50	0.00	21.50	<=30	Pass
			74	21.12	0.00	21.12	<=30	Pass
		36	0	19.83	0.00	19.83	<=30	Pass
			18	20.31	0.00	20.31	<=30	Pass
			39	20.27	0.00	20.27	<=30	Pass
		75	0	20.26	0.00	20.26	<=30	Pass
16QAM	1717.5	1	0	20.89	0.00	20.89	<=30	Pass

	1732.5	12	38	20.71	0.00	20.71	<=30	Pass
			74	20.97	0.00	20.97	<=30	Pass
			0	20.38	0.00	20.38	<=30	Pass
			31	20.49	0.00	20.49	<=30	Pass
			63	20.88	0.00	20.88	<=30	Pass
		27	0	19.33	0.00	19.33	<=30	Pass
		1	0	20.11	0.00	20.11	<=30	Pass
	38		20.82	0.00	20.82	<=30	Pass	
	74		20.75	0.00	20.75	<=30	Pass	
	12		0	20.07	0.00	20.07	<=30	Pass
			31	20.78	0.00	20.78	<=30	Pass
			63	20.82	0.00	20.82	<=30	Pass
	27		0	19.26	0.00	19.26	<=30	Pass
	1747.5	1	0	20.30	0.00	20.30	<=30	Pass
			38	20.36	0.00	20.36	<=30	Pass
			74	20.03	0.00	20.03	<=30	Pass
		12	0	20.13	0.00	20.13	<=30	Pass
			31	20.27	0.00	20.27	<=30	Pass
			63	20.33	0.00	20.33	<=30	Pass
		27	48	19.21	0.00	19.21	<=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	20.97	0.00	20.97	<=30	Pass
			50	21.73	0.00	21.73	<=30	Pass
			99	22.07	0.00	22.07	<=30	Pass
		50	0	20.19	0.00	20.19	<=30	Pass
			25	20.56	0.00	20.56	<=30	Pass
			50	20.95	0.00	20.95	<=30	Pass
		100	0	20.68	0.00	20.68	<=30	Pass
			0	21.14	0.00	21.14	<=30	Pass
			50	22.27	0.00	22.27	<=30	Pass
		1	99	21.61	0.00	21.61	<=30	Pass
			0	20.61	0.00	20.61	<=30	Pass
			25	20.94	0.00	20.94	<=30	Pass
16QAM	1732.5	50	50	20.91	0.00	20.91	<=30	Pass
			0	20.72	0.00	20.72	<=30	Pass
			0	21.03	0.00	21.03	<=30	Pass
		1	50	21.27	0.00	21.27	<=30	Pass
			99	20.99	0.00	20.99	<=30	Pass
			0	20.06	0.00	20.06	<=30	Pass
		50	25	20.19	0.00	20.19	<=30	Pass
			50	20.22	0.00	20.22	<=30	Pass
			0	20.23	0.00	20.23	<=30	Pass
		100	0	19.85	0.00	19.85	<=30	Pass
			50	20.78	0.00	20.78	<=30	Pass
			99	21.14	0.00	21.14	<=30	Pass
	1745	1	0	20.15	0.00	20.15	<=30	Pass
			44	20.66	0.00	20.66	<=30	Pass
			88	21.25	0.00	21.25	<=30	Pass
		12	0	19.14	0.00	19.14	<=30	Pass
			0	20.13	0.00	20.13	<=30	Pass
			50	21.25	0.00	21.25	<=30	Pass

		12	99	20.74	0.00	20.74	<=30	Pass
			0	20.13	0.00	20.13	<=30	Pass
			44	20.74	0.00	20.74	<=30	Pass
			88	20.45	0.00	20.45	<=30	Pass
	1745	27	0	19.15	0.00	19.15	<=30	Pass
			0	20.26	0.00	20.26	<=30	Pass
			50	20.34	0.00	20.34	<=30	Pass
			99	19.94	0.00	19.94	<=30	Pass
		12	0	20.24	0.00	20.24	<=30	Pass
			44	20.34	0.00	20.34	<=30	Pass
			88	20.23	0.00	20.23	<=30	Pass
			73	19.11	0.00	19.11	<=30	Pass
		27	0	19.15	0.00	19.15	<=30	Pass
			0	20.26	0.00	20.26	<=30	Pass
			50	20.34	0.00	20.34	<=30	Pass
			99	19.94	0.00	19.94	<=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	-6.094	-0.0036	-2.5 to 2.5	Pass
					3.85	-8.626	-0.0050	-2.5 to 2.5	Pass
					4.43	-8.225	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-6.981	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-6.280	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0025	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.601	0.0003	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0004	-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	-0.157	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0002	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	0.730	0.0004	-2.5 to 2.5	Pass
					3.85	0.415	0.0002	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0002	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-3.047	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.429	0.0002	-2.5 to 2.5	Pass
					3.85	0.758	0.0004	-2.5 to 2.5	Pass
					4.43	0.744	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.931	0.0011	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-0.129	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.544	0.0003	-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	1.531	0.0009	-2.5 to 2.5	Pass
					3.85	1.574	0.0009	-2.5 to 2.5	Pass
					4.43	1.945	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.731	0.0010	-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	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0003	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.243	0.0001	-2.5 to 2.5	Pass
					3.85	0.243	0.0001	-2.5 to 2.5	Pass
					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass

	1753.5	15	0	10	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				20	3.27	1.059	0.0006	-2.5 to 2.5	Pass
					3.85	1.645	0.0009	-2.5 to 2.5	Pass
					4.43	0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.215	0.0001	-2.5 to 2.5	Pass
					3.85	0.701	0.0004	-2.5 to 2.5	Pass
					4.43	1.044	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.243	0.0001	-2.5 to 2.5	Pass
					3.85	0.973	0.0006	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	0.072	0.0000	-2.5 to 2.5	Pass
					4.43	1.016	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.458	0.0003	-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	2.990	0.0017	-2.5 to 2.5	Pass
					3.85	2.089	0.0012	-2.5 to 2.5	Pass
					4.43	2.503	0.0015	-2.5 to 2.5	Pass

				-30	3.85	2.332	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.503	0.0015	-2.5 to 2.5	Pass
				10	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.459	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.731	0.0010	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.830	-0.0005	-2.5 to 2.5	Pass
					3.85	0.358	0.0002	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.415	0.0002	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	0.615	0.0004	-2.5 to 2.5	Pass
					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	1.745	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.389	0.0014	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.960	0.0011	-2.5 to 2.5	Pass
					3.85	2.518	0.0015	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.459	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-1.059	-0.0006	-2.5 to 2.5	Pass
					3.85	0.072	0.0000	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.072	0.0000	-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	-0.815	-0.0005	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	0.587	0.0003	-2.5 to 2.5	Pass
					3.85	0.386	0.0002	-2.5 to 2.5	Pass
					4.43	1.574	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.043	0.0000	-2.5 to 2.5	Pass

				10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-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	3.376	0.0020	-2.5 to 2.5	Pass
					3.85	2.346	0.0014	-2.5 to 2.5	Pass
					4.43	1.802	0.0011	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				30	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.030	0.0006	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	0.830	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	2.060	0.0012	-2.5 to 2.5	Pass
					3.85	0.916	0.0005	-2.5 to 2.5	Pass
					4.43	0.844	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0006	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	0.815	0.0005	-2.5 to 2.5	Pass
					3.85	0.472	0.0003	-2.5 to 2.5	Pass
					4.43	0.529	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.802	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.173	0.0007	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	-0.315	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.944	-0.0005	-2.5 to 2.5	Pass

				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
	1750	27	23	20	3.27	-0.572	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-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	-4.134	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-2.818	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.486	0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-4.478	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass

16QAM	1717.5	27	0	50	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				20	3.27	-4.663	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.847	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-8.039	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
	1732.5	27	0	40	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				20	3.27	-0.558	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	1747.5	27	48	30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				20	3.27	-4.234	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-7.739	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-7.439	-0.0043	-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	-6.366	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-2.103	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.774	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass

				0	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				50	3.85	1.230	0.0007	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	2.003	0.0011	-2.5 to 2.5	Pass
					3.85	0.930	0.0005	-2.5 to 2.5	Pass
					4.43	2.260	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	-3.591	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	0.830	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0002	-2.5 to 2.5	Pass
	1745	27	73	20	3.27	-0.887	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0012	-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

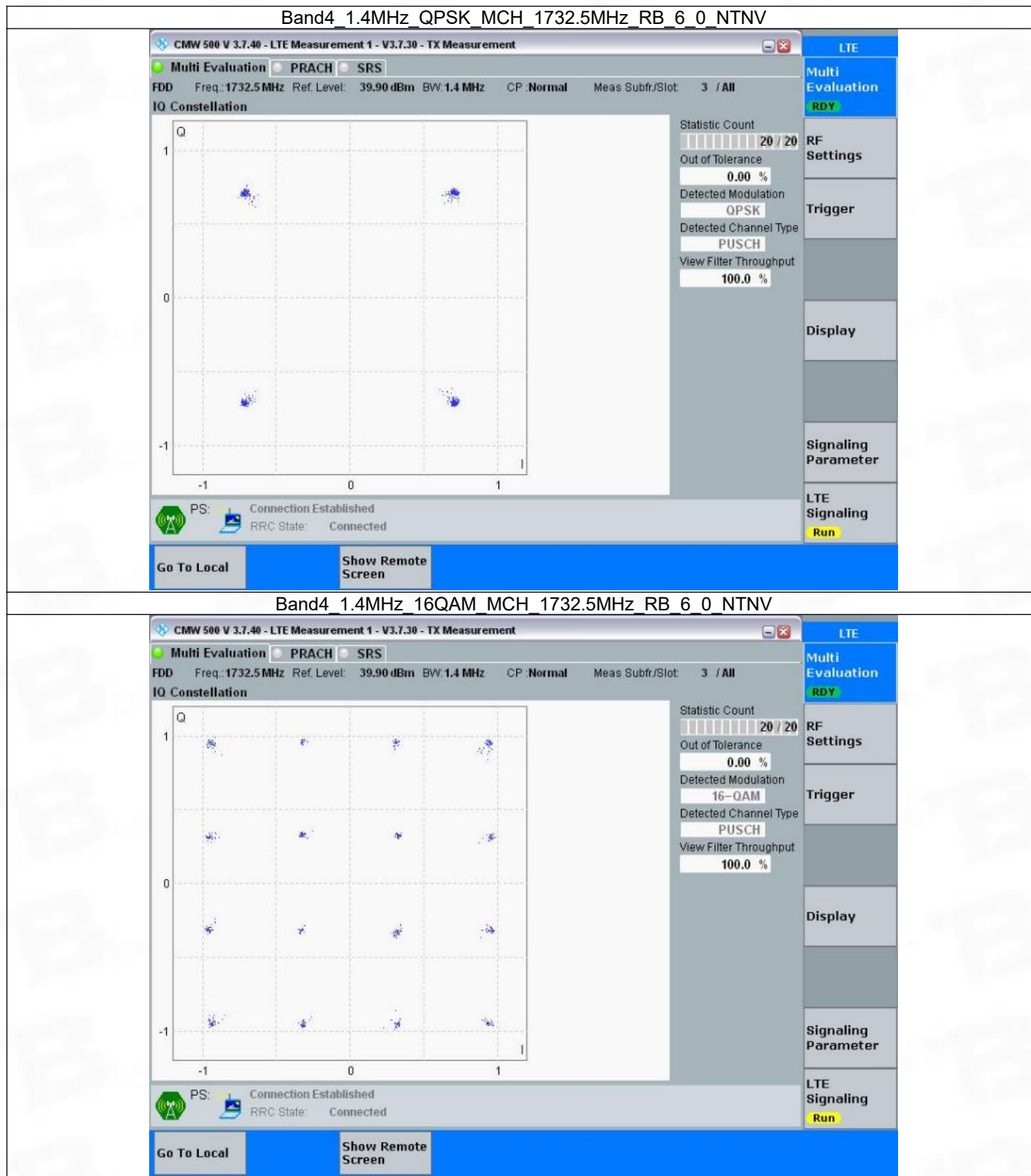
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

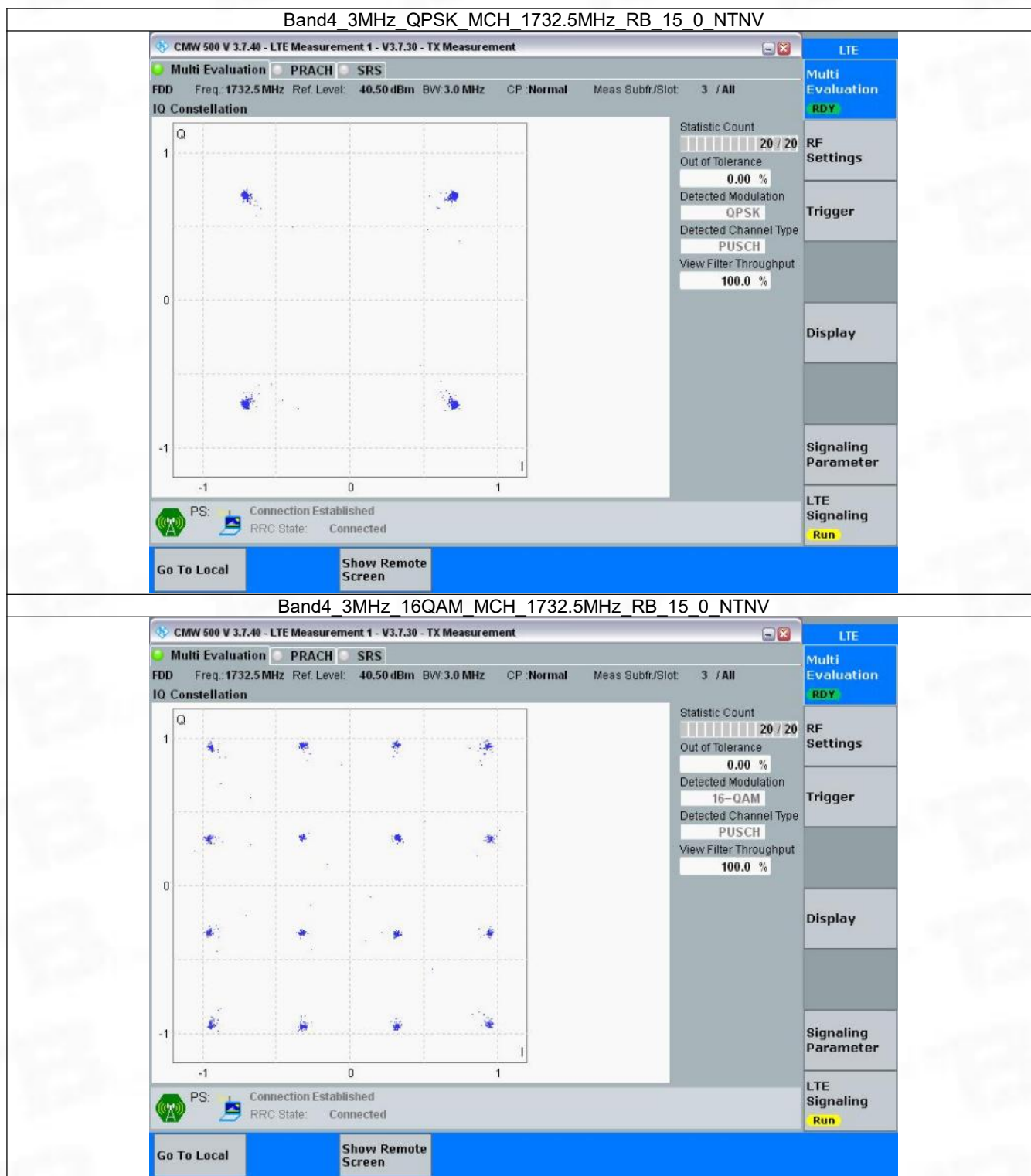
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

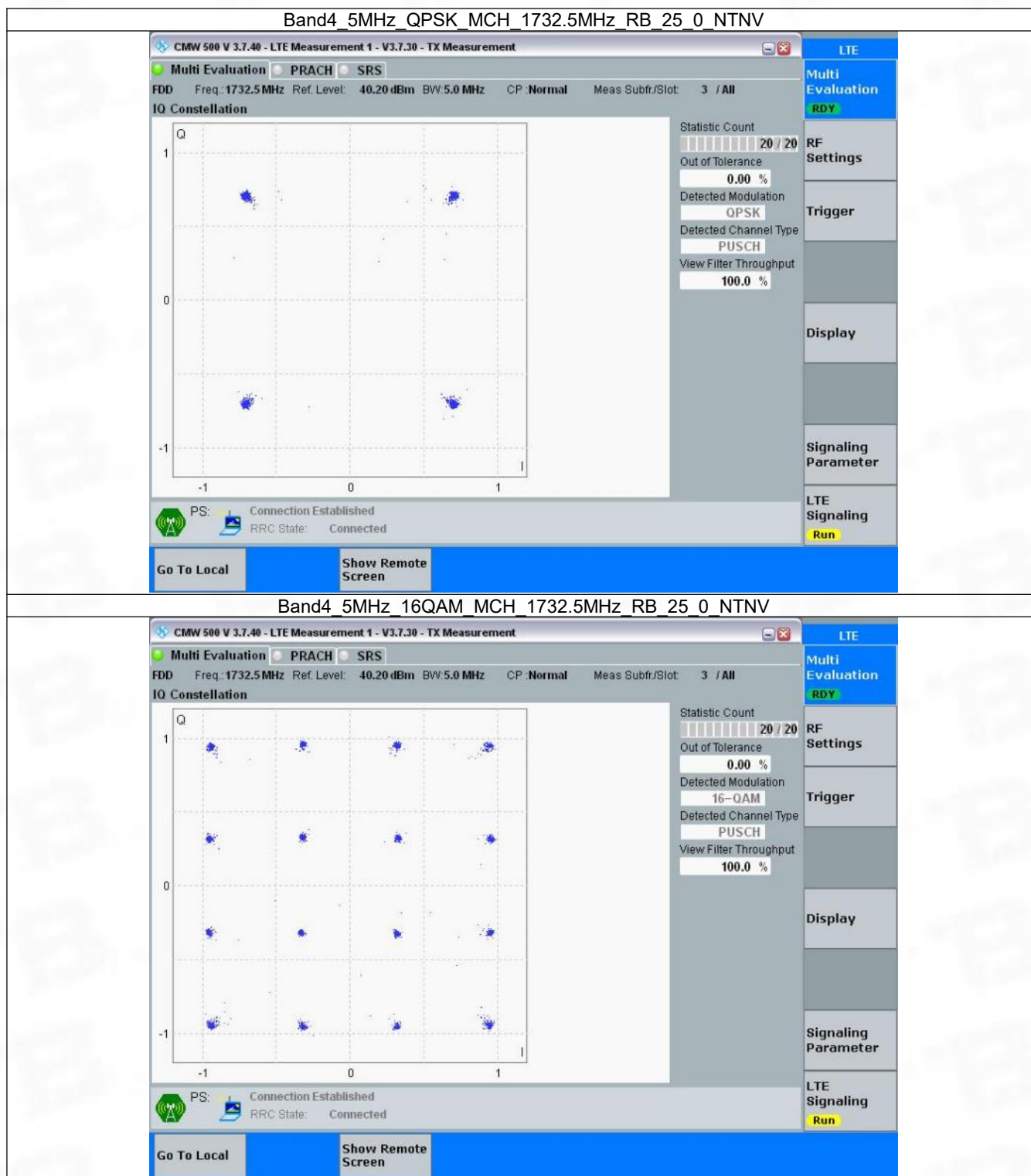
3.2.1 B4_1.4MHz



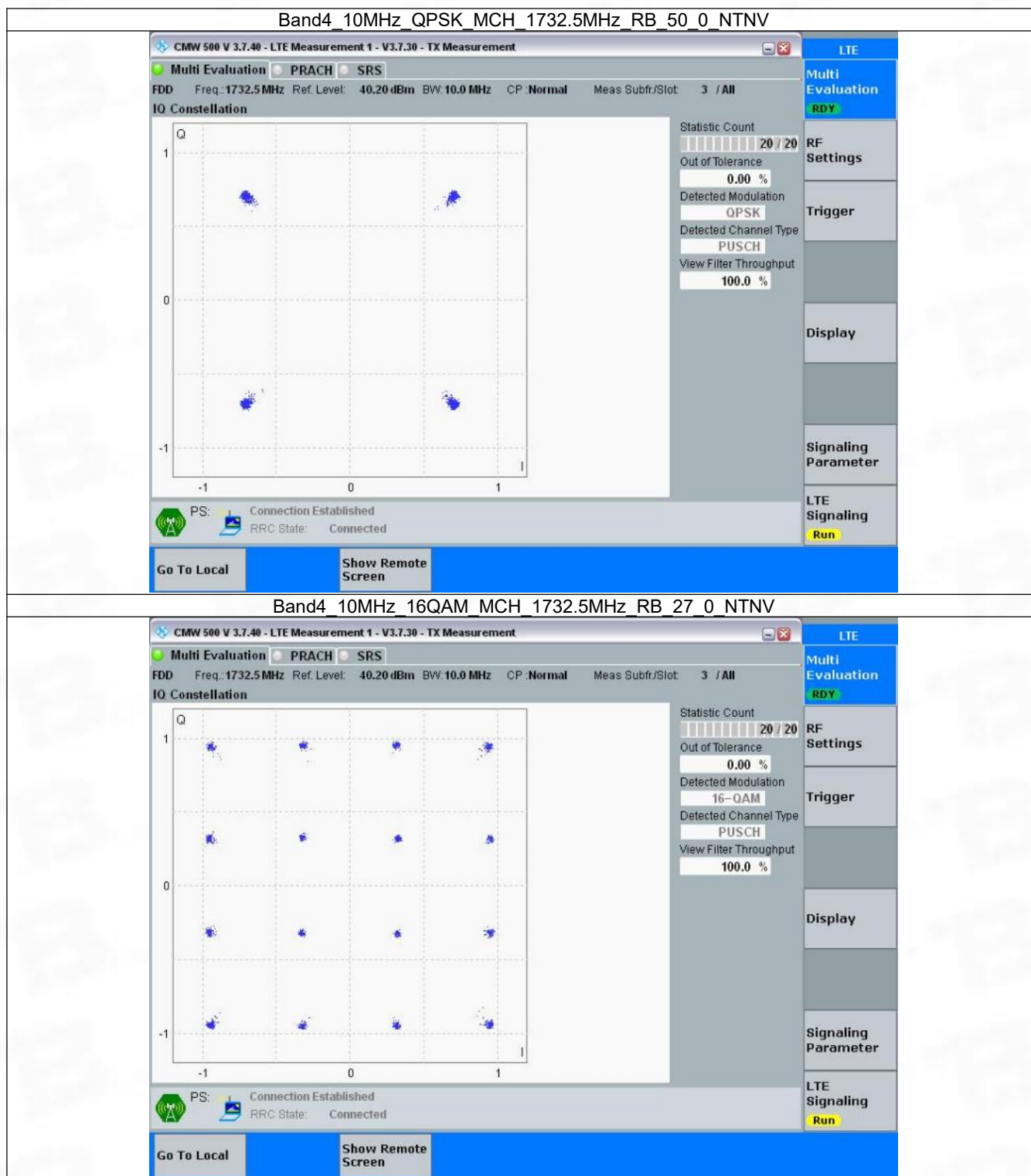
3.2.2 B4_3MHz



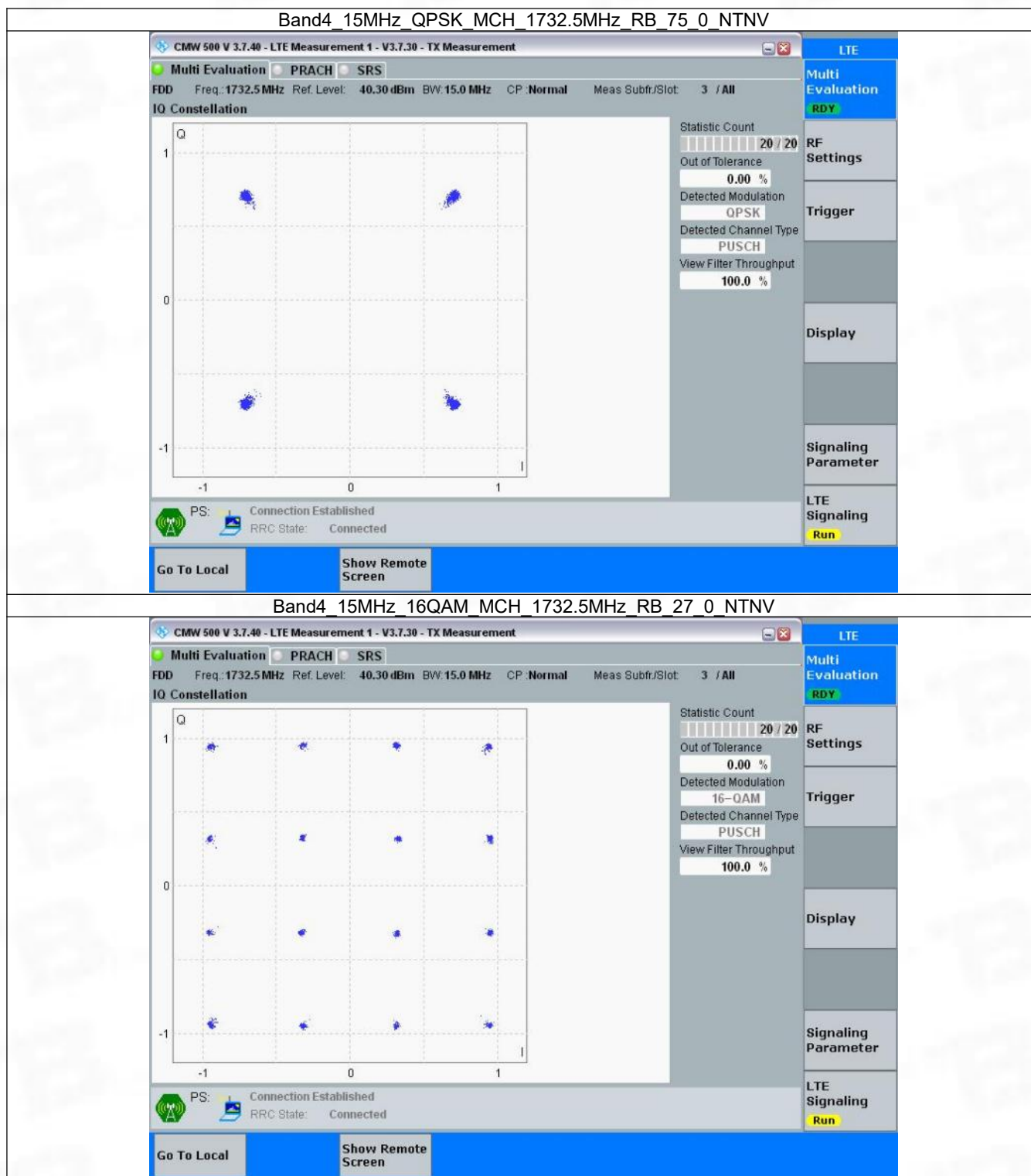
3.2.3 B4_5MHz



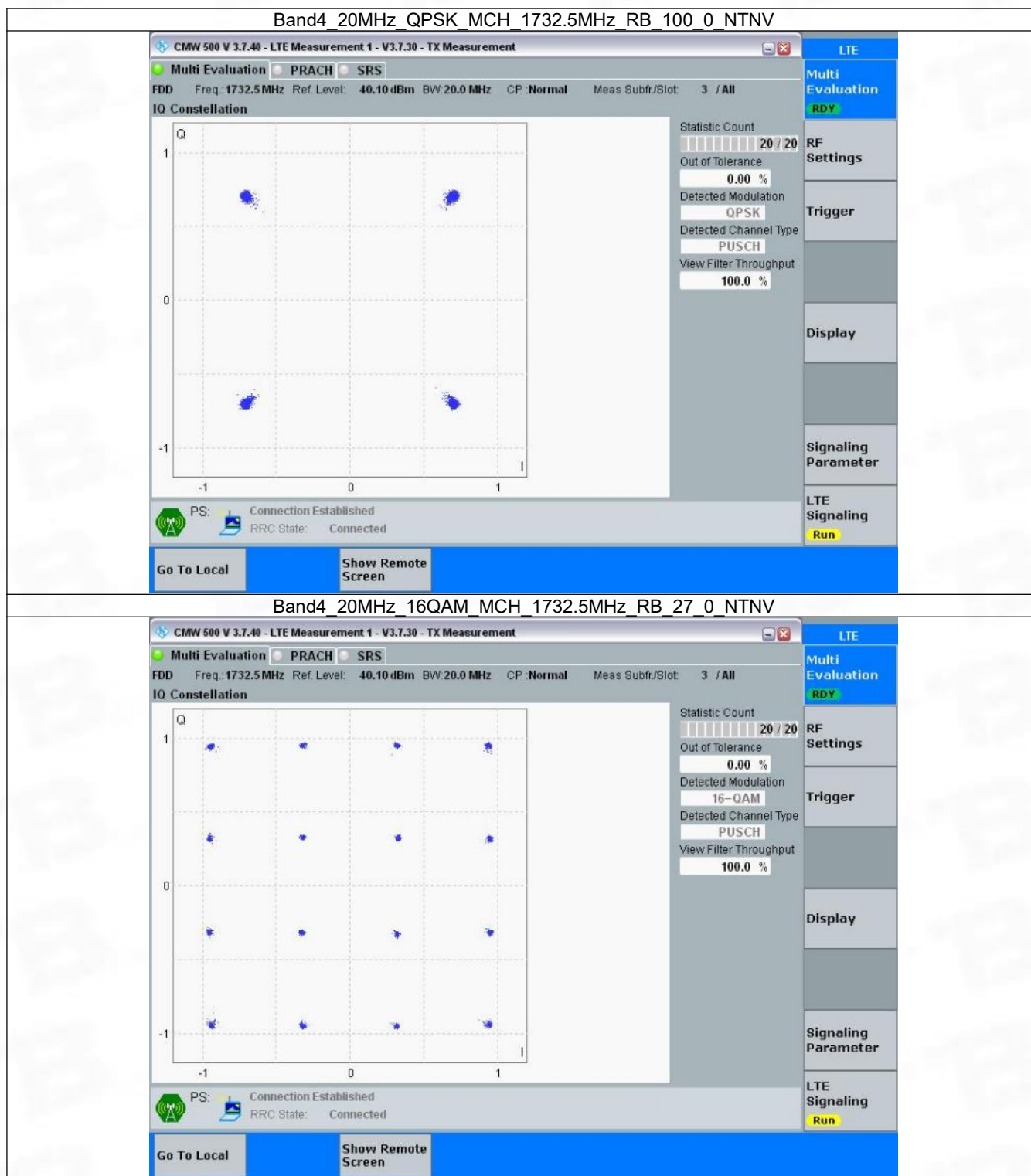
3.2.4 B4_10MHz



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	1.107	/	Pass
		1732.5	6	0	1.118	/	Pass
		1754.3	6	0	1.116	/	Pass
	16QAM	1710.7	6	0	1.109	/	Pass
		1732.5	6	0	1.107	/	Pass
		1754.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.739	/	Pass
		1732.5	15	0	2.743	/	Pass
		1753.5	15	0	2.732	/	Pass
	16QAM	1711.5	15	0	2.723	/	Pass
		1732.5	15	0	2.739	/	Pass
		1753.5	15	0	2.754	/	Pass
5	QPSK	1712.5	25	0	4.545	/	Pass
		1732.5	25	0	4.572	/	Pass
		1752.5	25	0	4.573	/	Pass
	16QAM	1712.5	25	0	4.537	/	Pass
		1732.5	25	0	4.570	/	Pass
		1752.5	25	0	4.551	/	Pass
10	QPSK	1715	50	0	9.071	/	Pass
		1732.5	50	0	9.069	/	Pass
		1750	50	0	9.097	/	Pass
	16QAM	1715	27	0	5.139	/	Pass
		1732.5	27	0	5.109	/	Pass
		1750	27	23	5.179	/	Pass
15	QPSK	1717.5	75	0	13.552	/	Pass
		1732.5	75	0	13.615	/	Pass
		1747.5	75	0	13.589	/	Pass
	16QAM	1717.5	27	0	5.322	/	Pass
		1732.5	27	0	5.518	/	Pass
		1747.5	27	48	5.242	/	Pass
20	QPSK	1720	100	0	18.118	/	Pass
		1732.5	100	0	18.103	/	Pass
		1745	100	0	18.147	/	Pass
	16QAM	1720	27	0	5.664	/	Pass
		1732.5	27	0	5.691	/	Pass
		1745	27	73	5.566	/	Pass

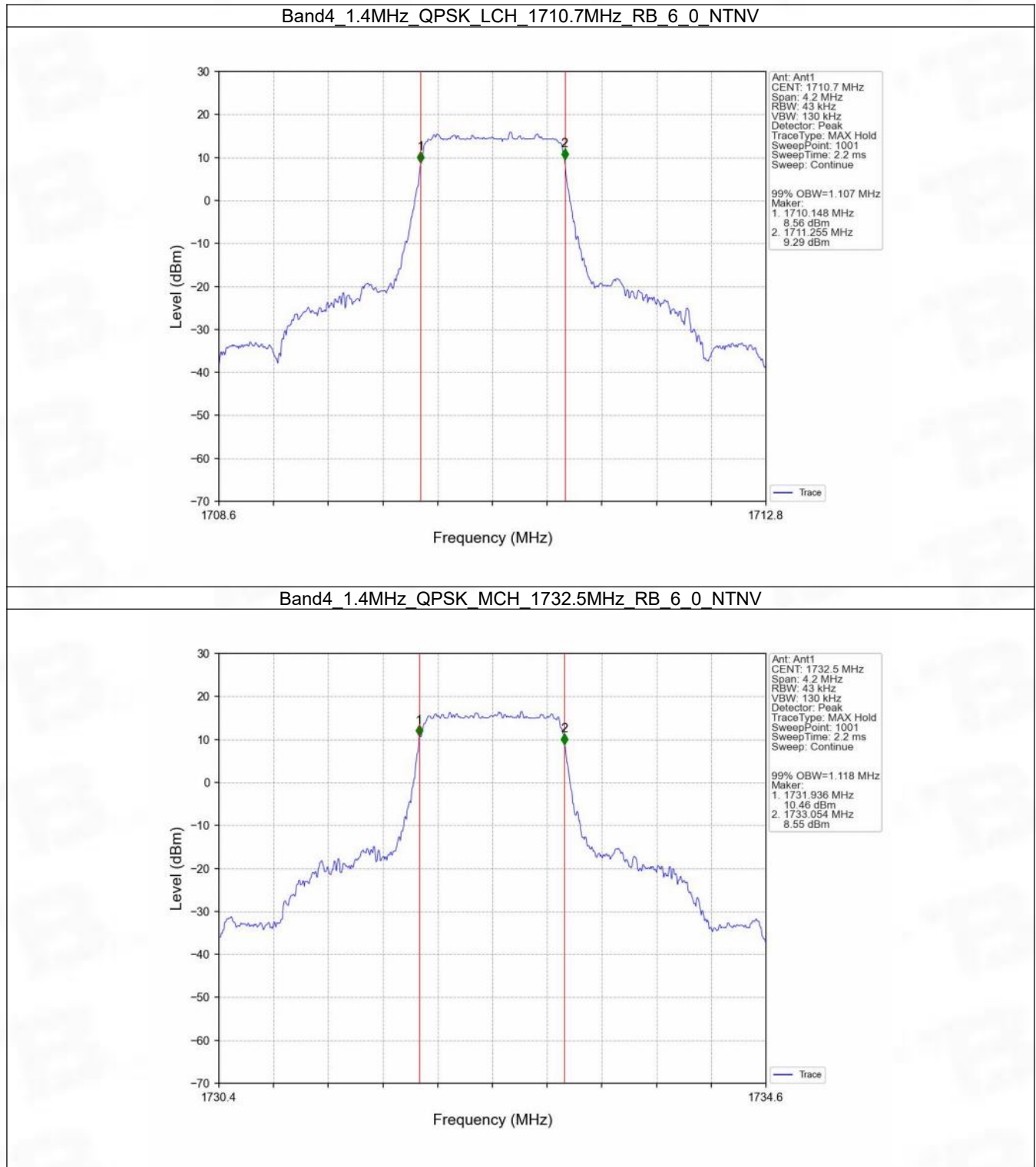
4.1.2 Band4_XDB

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	1.336	/	Pass
		1732.5	6	0	1.351	/	Pass
		1754.3	6	0	1.329	/	Pass

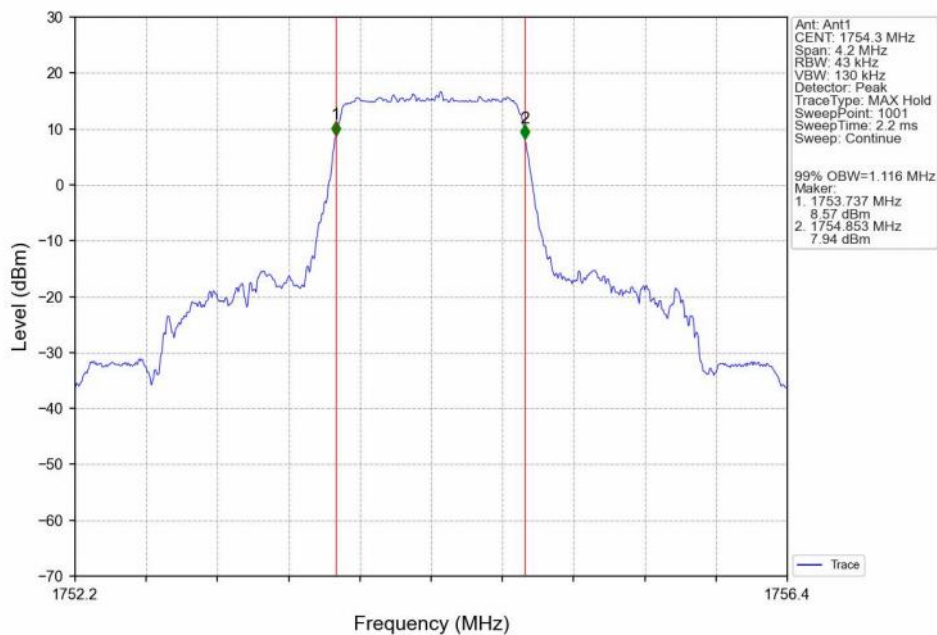
	16QAM	1710.7	6	0	1.342	/	Pass
		1732.5	6	0	1.327	/	Pass
		1754.3	6	0	1.338	/	Pass
3	QPSK	1711.5	15	0	3.070	/	Pass
		1732.5	15	0	3.050	/	Pass
		1753.5	15	0	3.051	/	Pass
	16QAM	1711.5	15	0	3.051	/	Pass
		1732.5	15	0	3.042	/	Pass
		1753.5	15	0	3.096	/	Pass
5	QPSK	1712.5	25	0	5.114	/	Pass
		1732.5	25	0	5.134	/	Pass
		1752.5	25	0	5.135	/	Pass
	16QAM	1712.5	25	0	5.094	/	Pass
		1732.5	25	0	5.123	/	Pass
		1752.5	25	0	5.092	/	Pass
10	QPSK	1715	50	0	10.375	/	Pass
		1732.5	50	0	10.371	/	Pass
		1750	50	0	10.434	/	Pass
	16QAM	1715	27	0	6.367	/	Pass
		1732.5	27	0	7.048	/	Pass
		1750	27	23	6.728	/	Pass
15	QPSK	1717.5	75	0	14.889	/	Pass
		1732.5	75	0	15.407	/	Pass
		1747.5	75	0	15.024	/	Pass
	16QAM	1717.5	27	0	6.669	/	Pass
		1732.5	27	0	7.359	/	Pass
		1747.5	27	48	6.554	/	Pass
20	QPSK	1720	100	0	20.385	/	Pass
		1732.5	100	0	20.332	/	Pass
		1745	100	0	20.560	/	Pass
	16QAM	1720	27	0	7.538	/	Pass
		1732.5	27	0	7.659	/	Pass
		1745	27	73	7.686	/	Pass

4.2 Test Graph

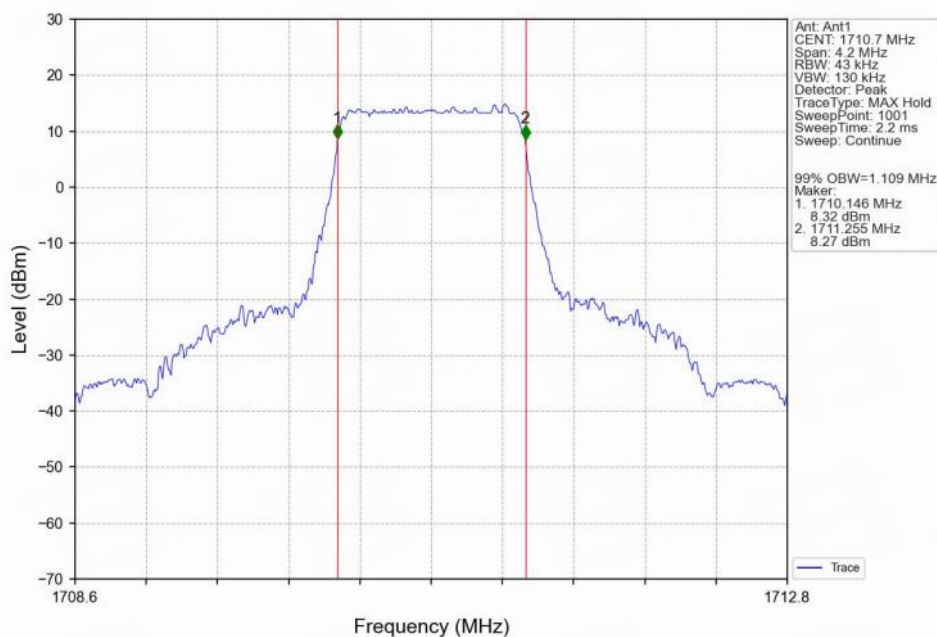
4.2.1 Band4_OBW



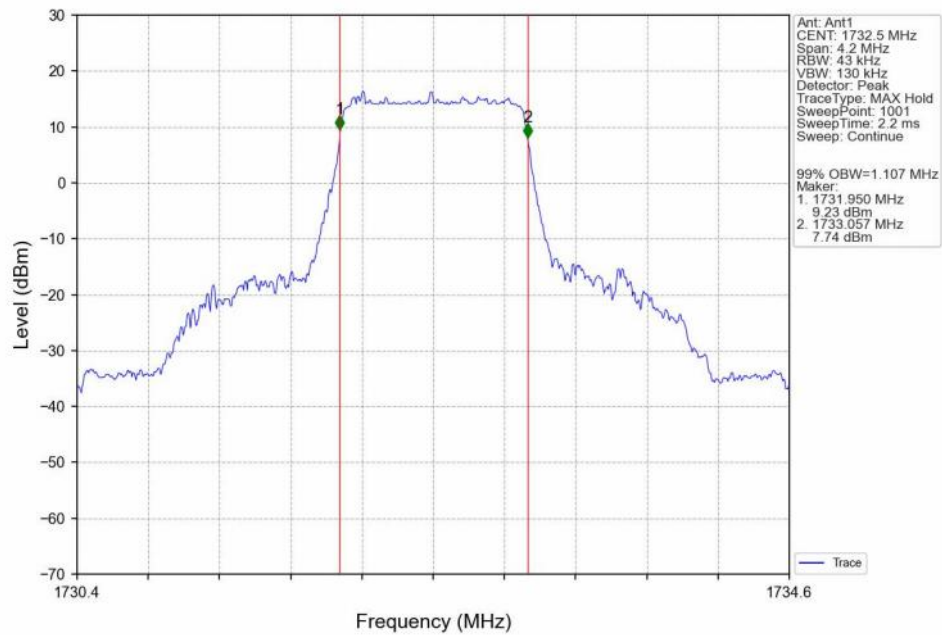
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



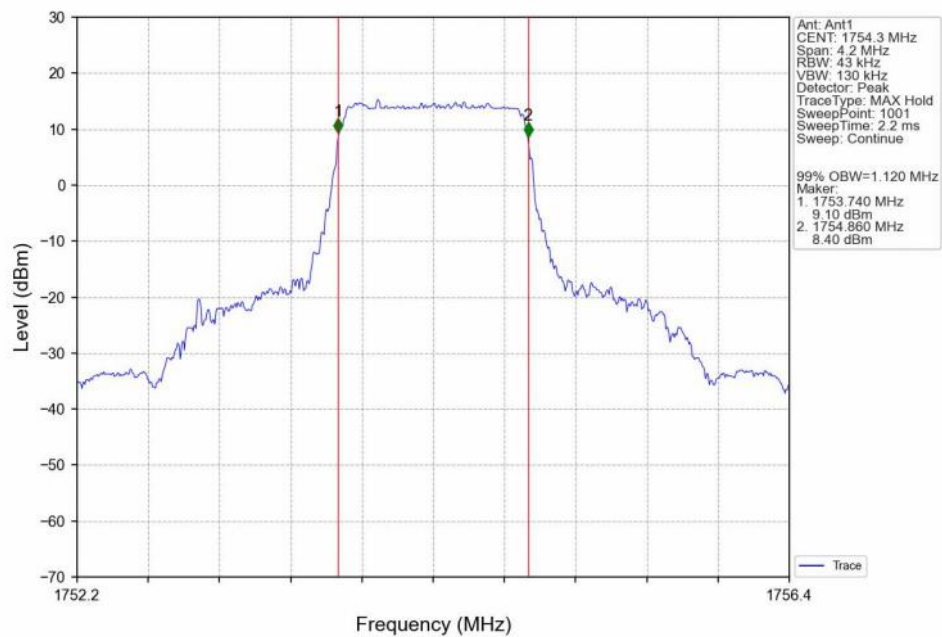
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



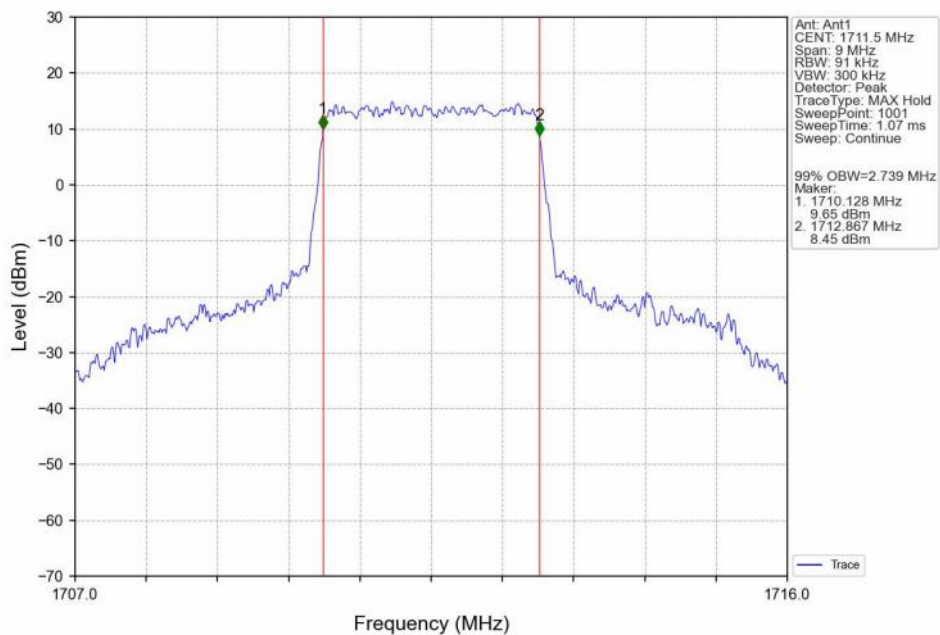
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



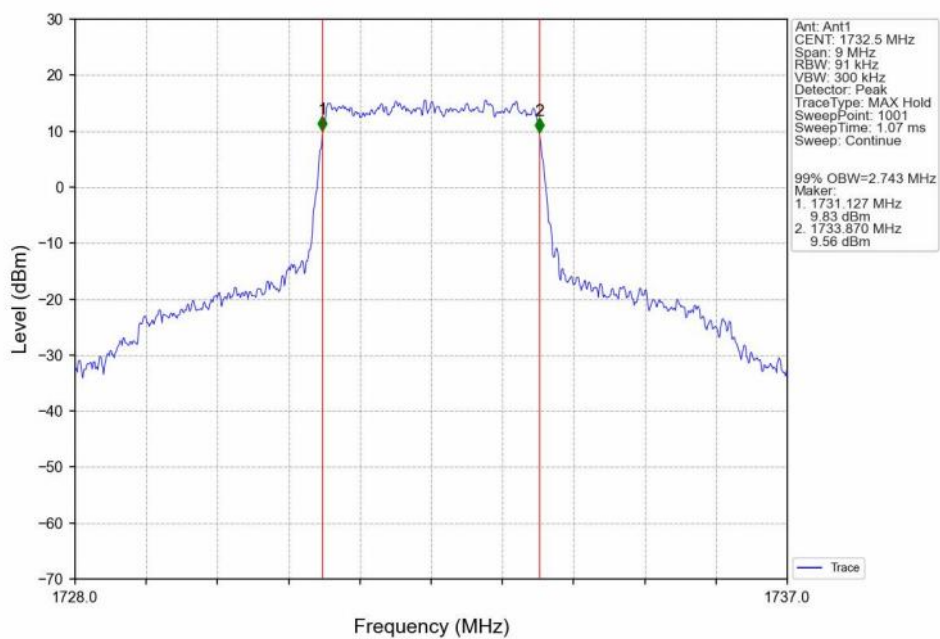
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



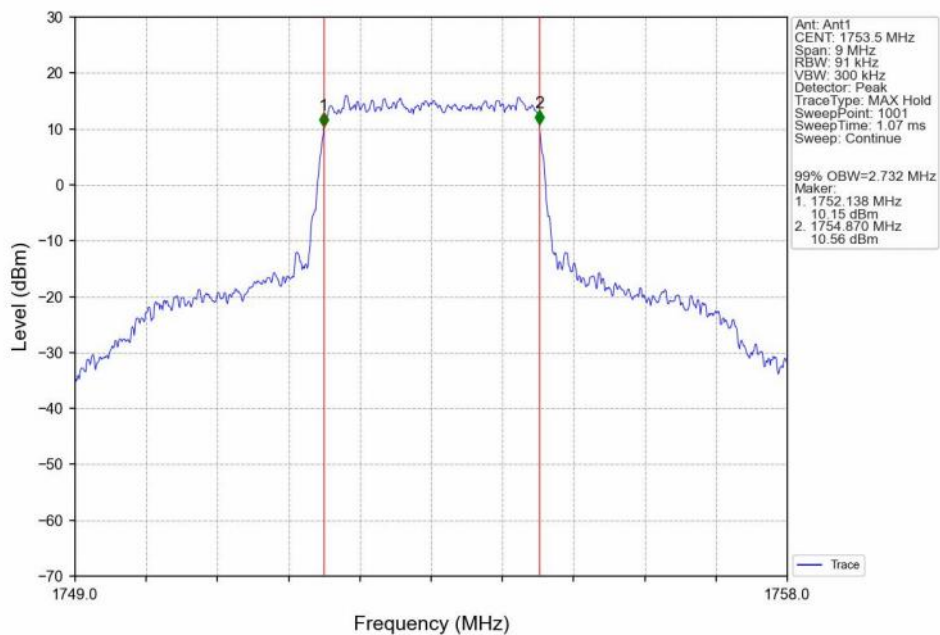
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



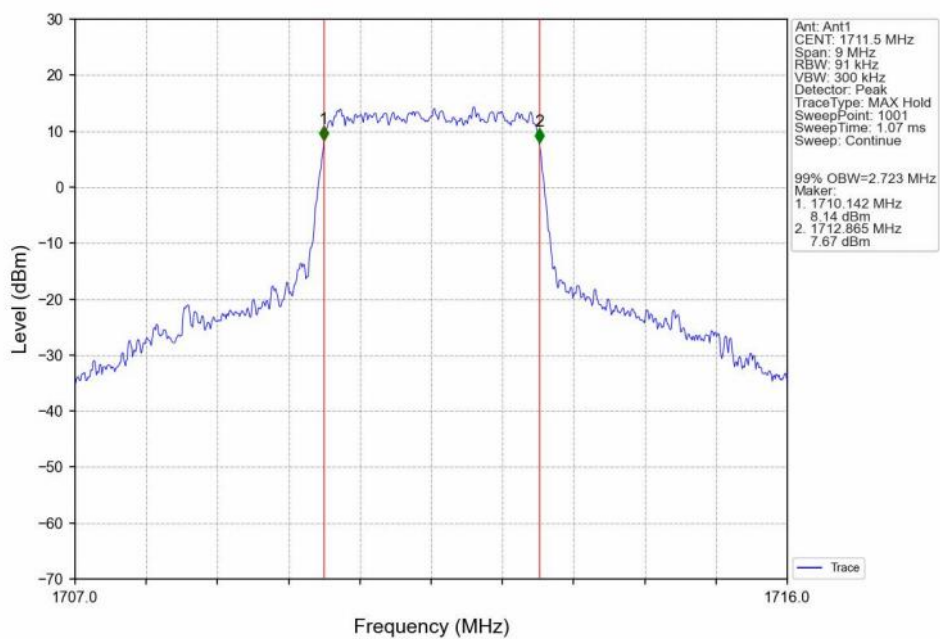
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



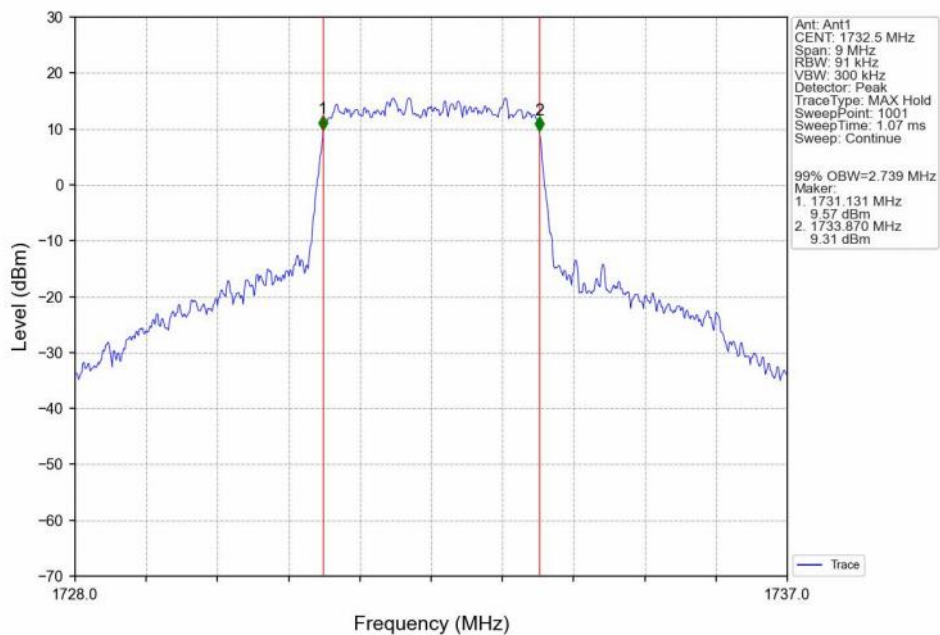
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



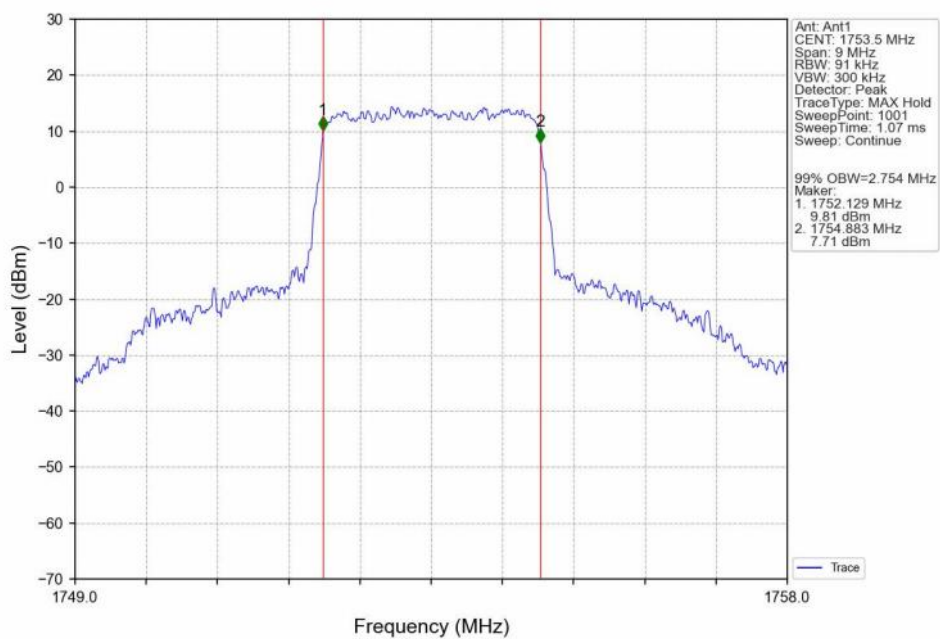
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



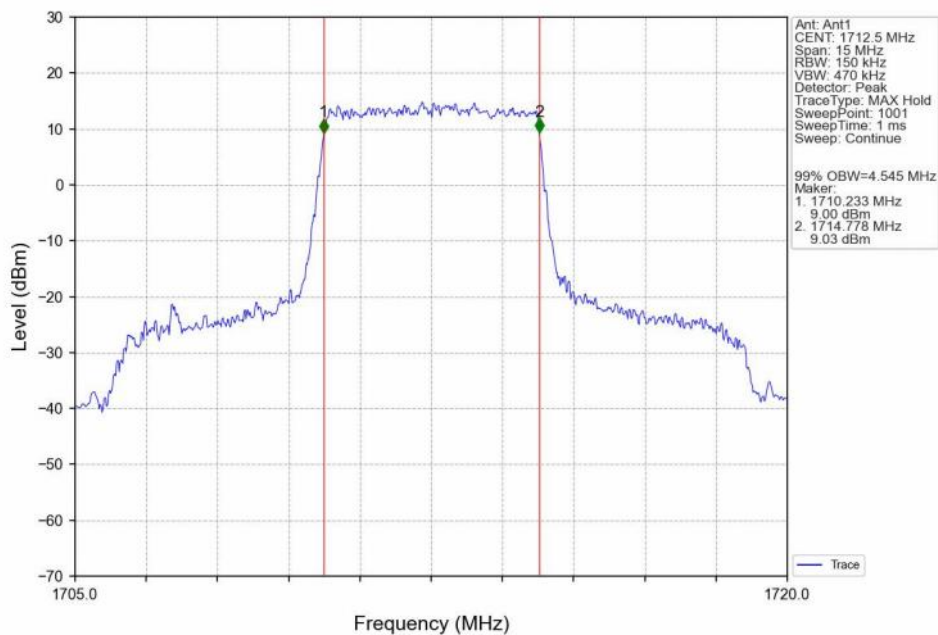
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



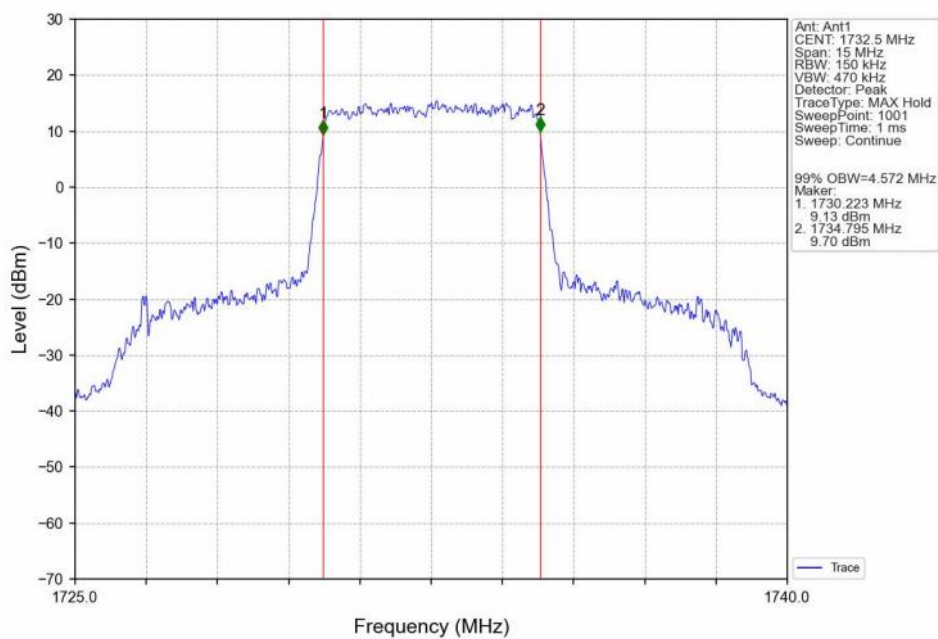
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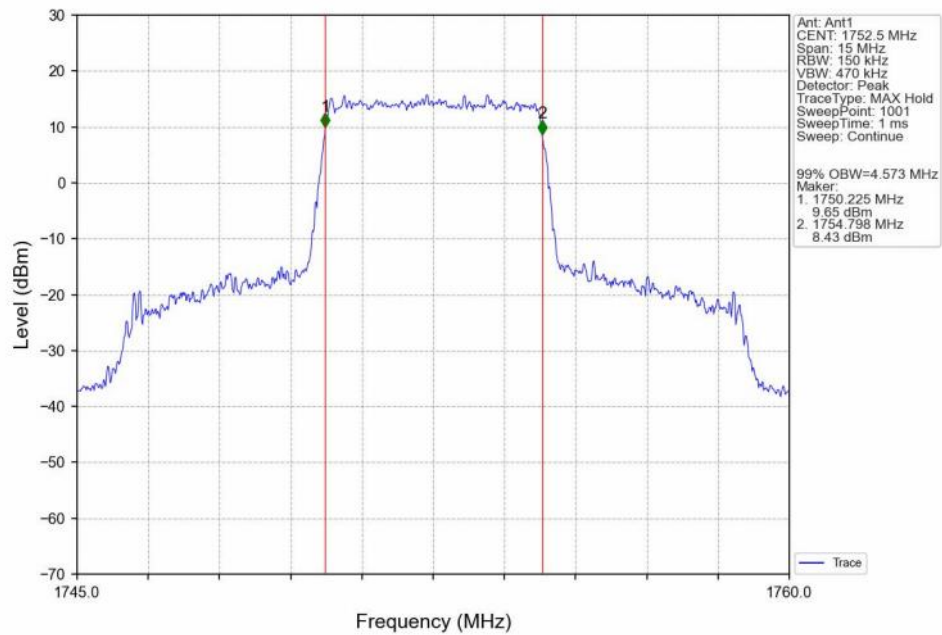
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



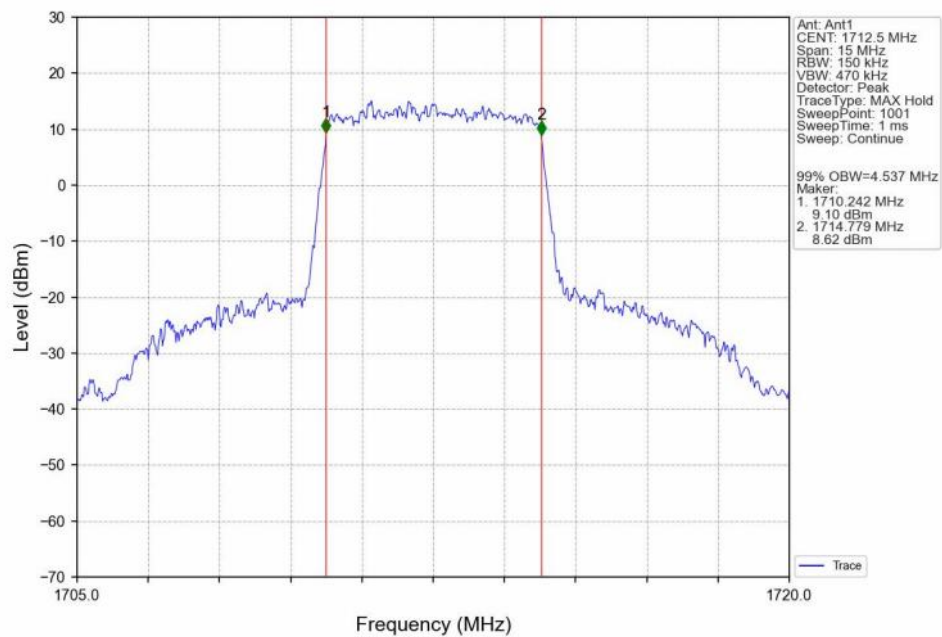
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



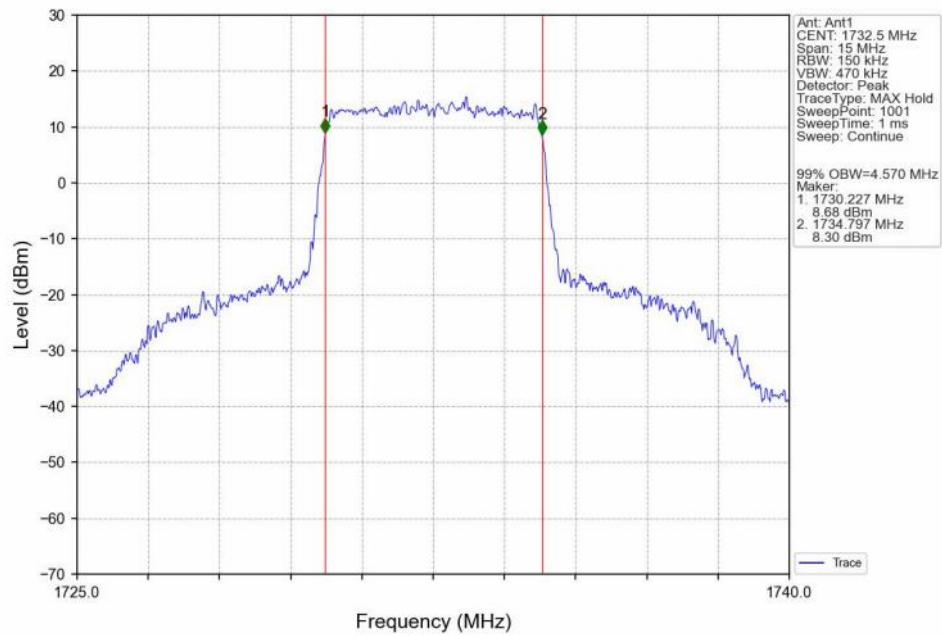
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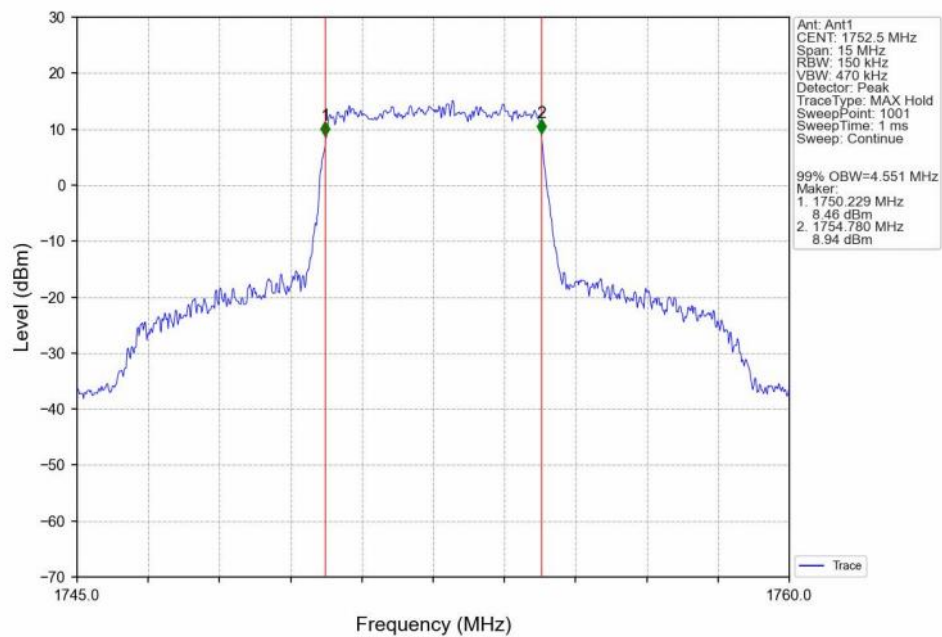
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



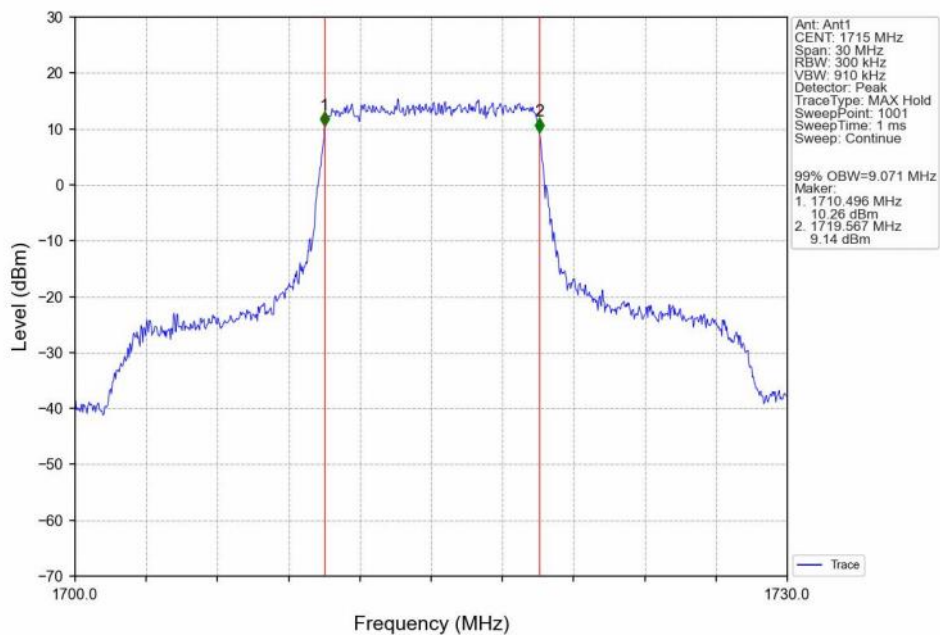
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



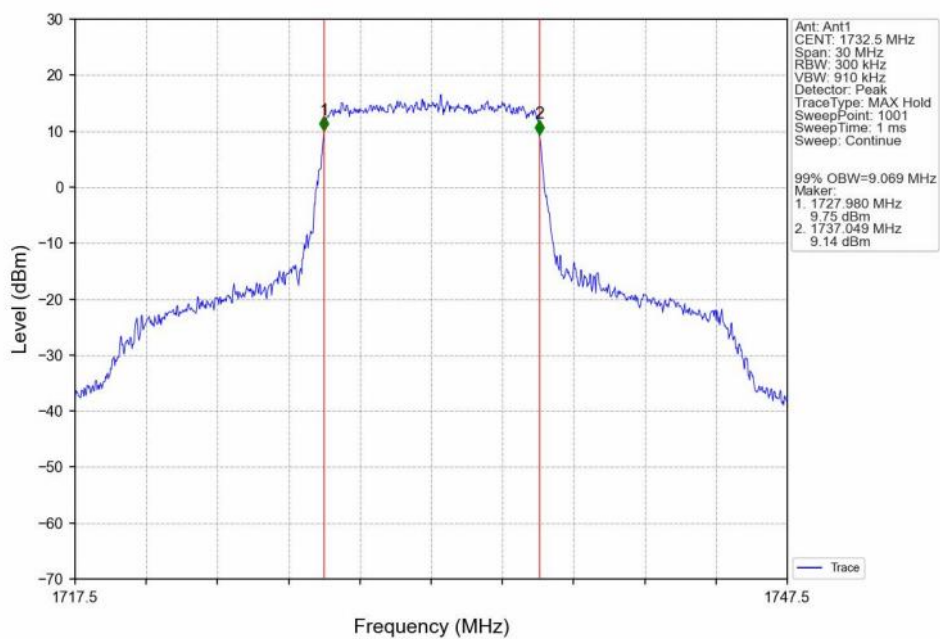
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



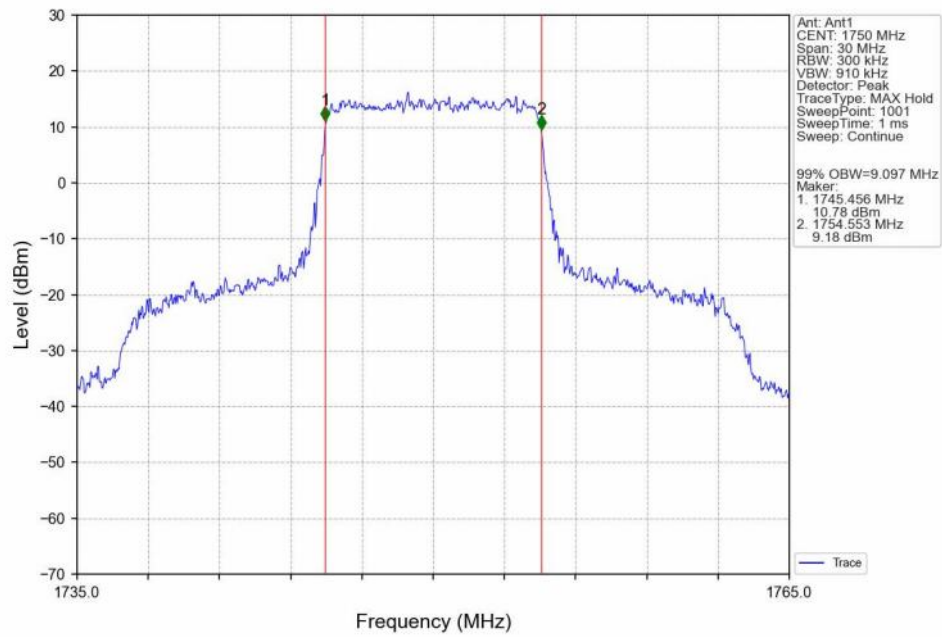
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



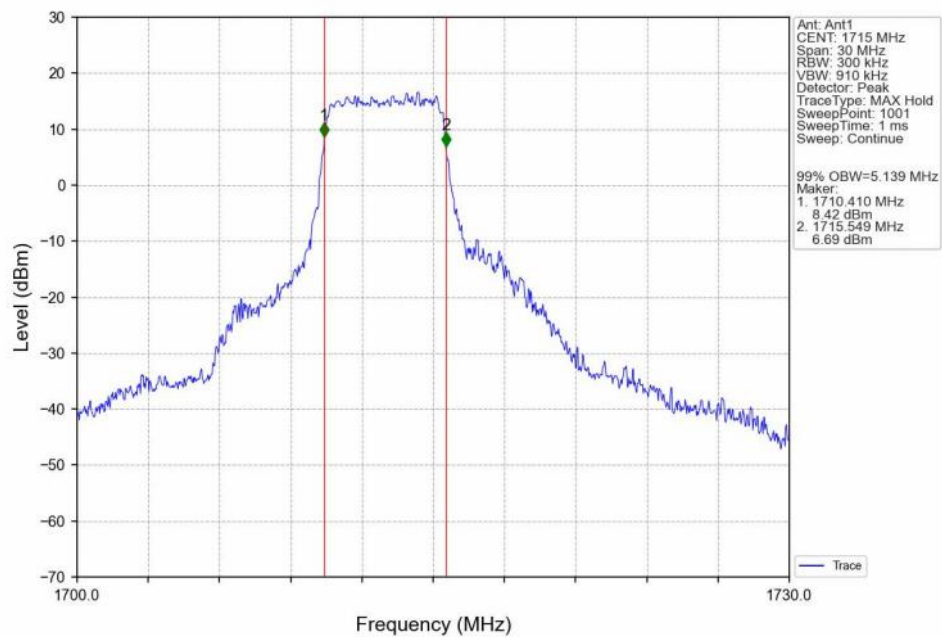
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



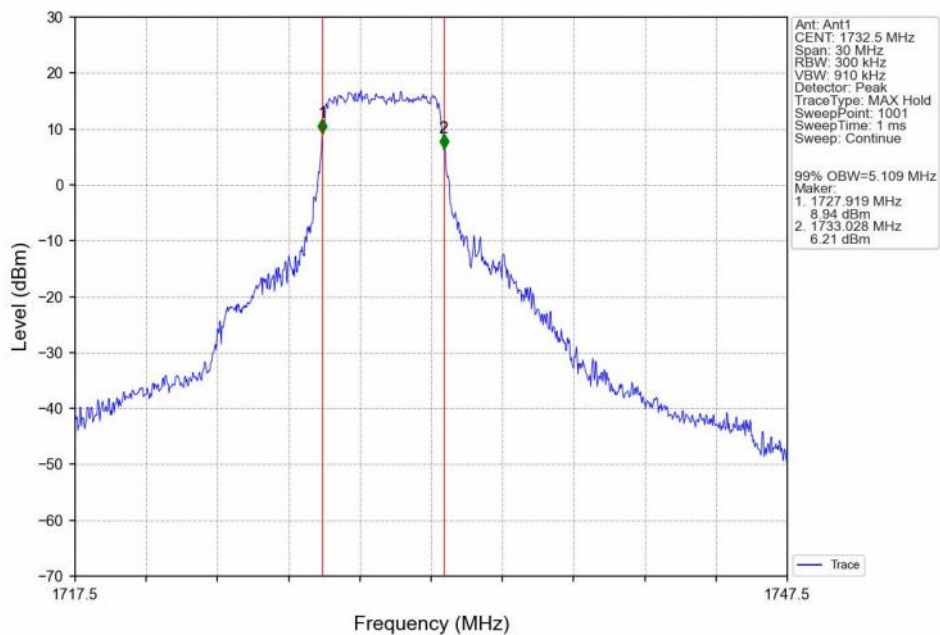
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



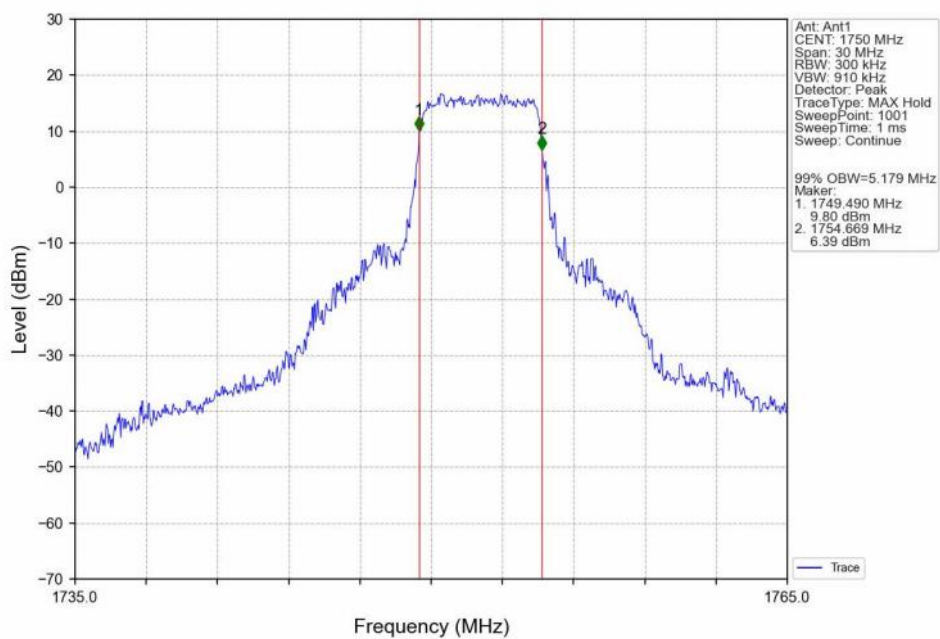
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



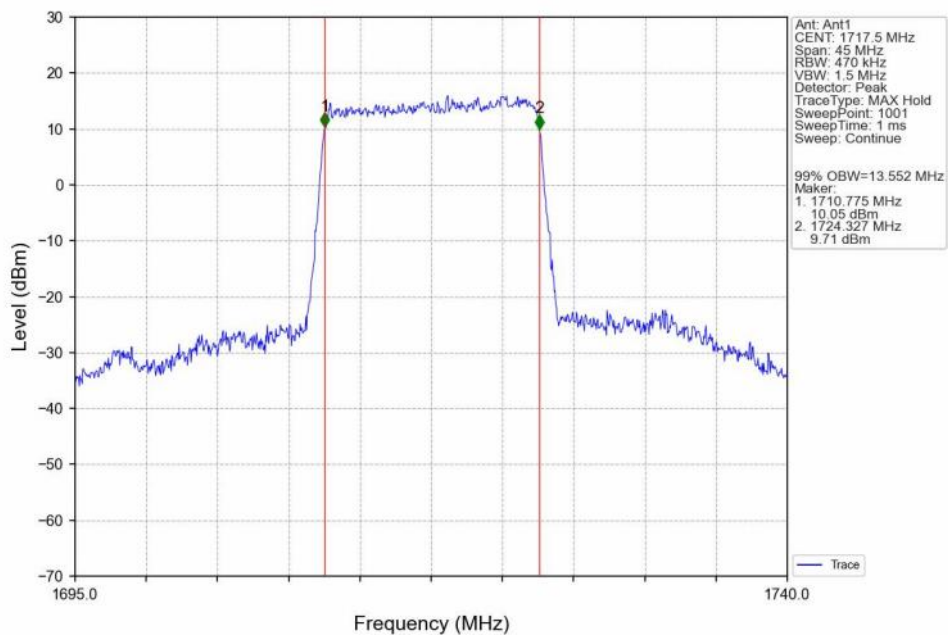
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



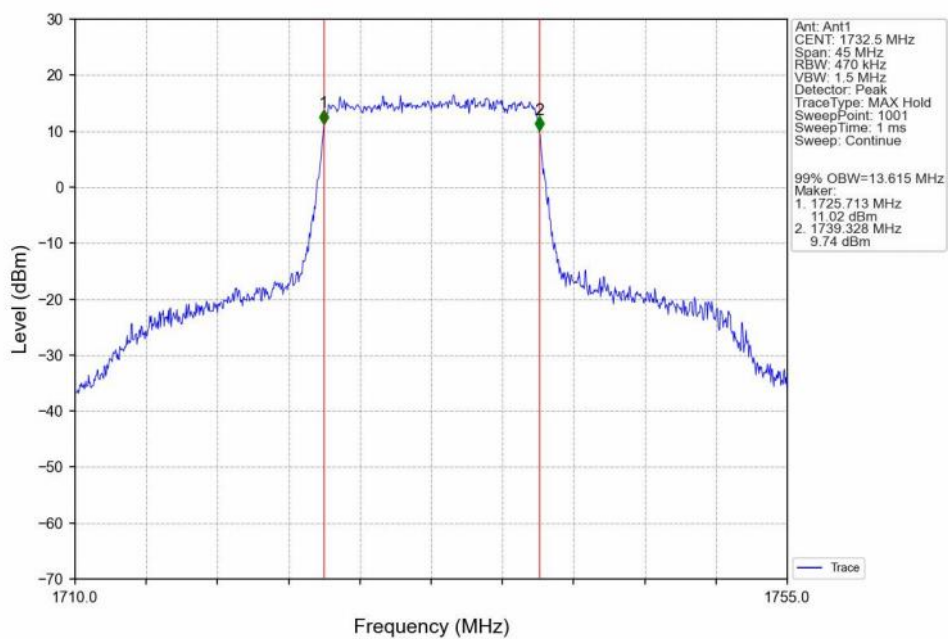
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



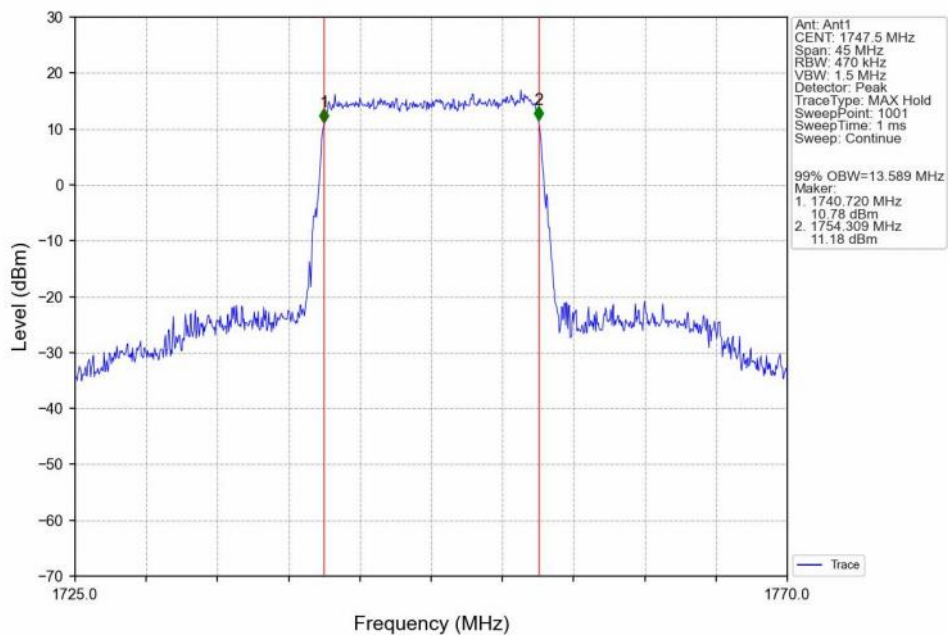
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



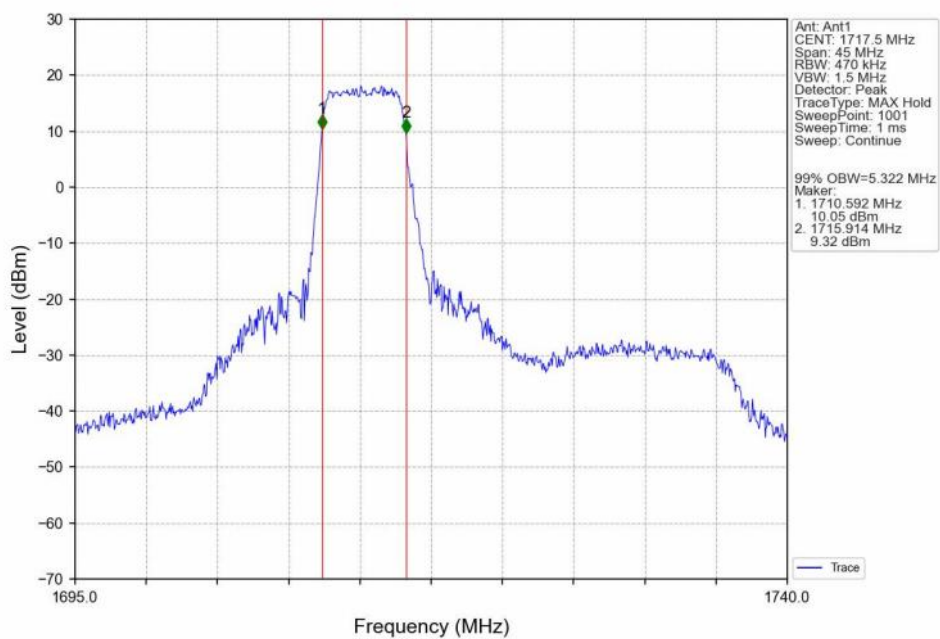
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



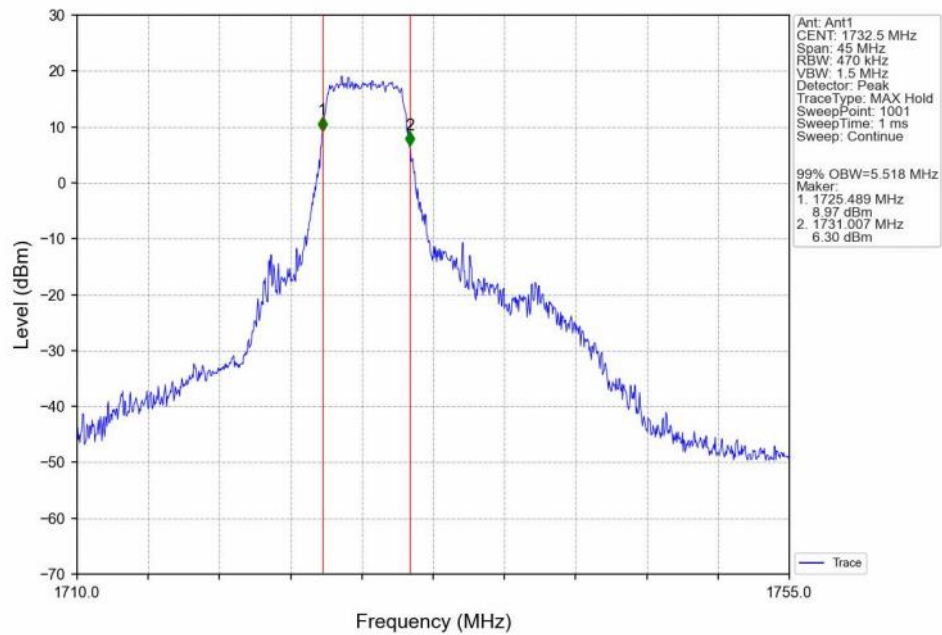
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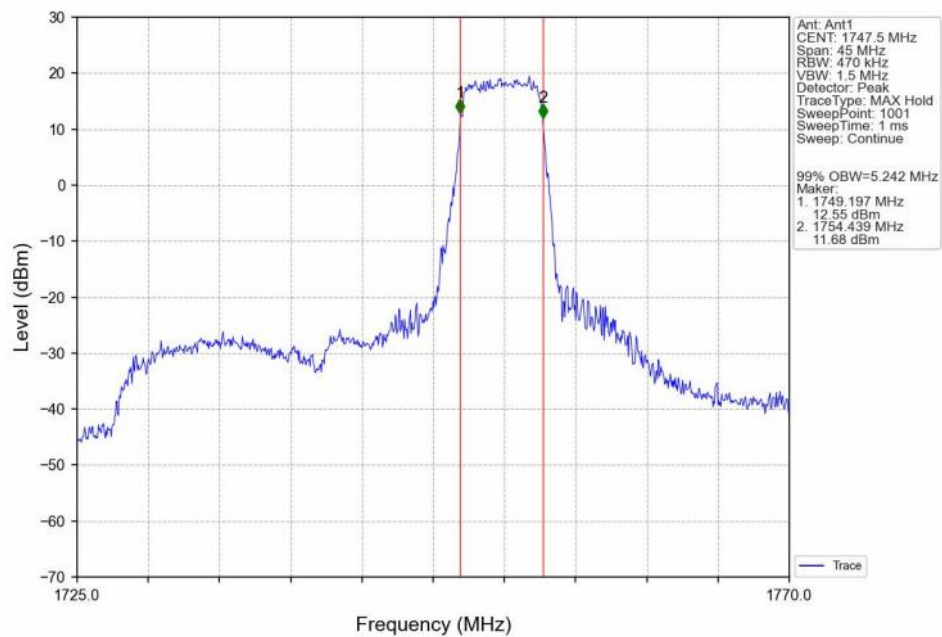
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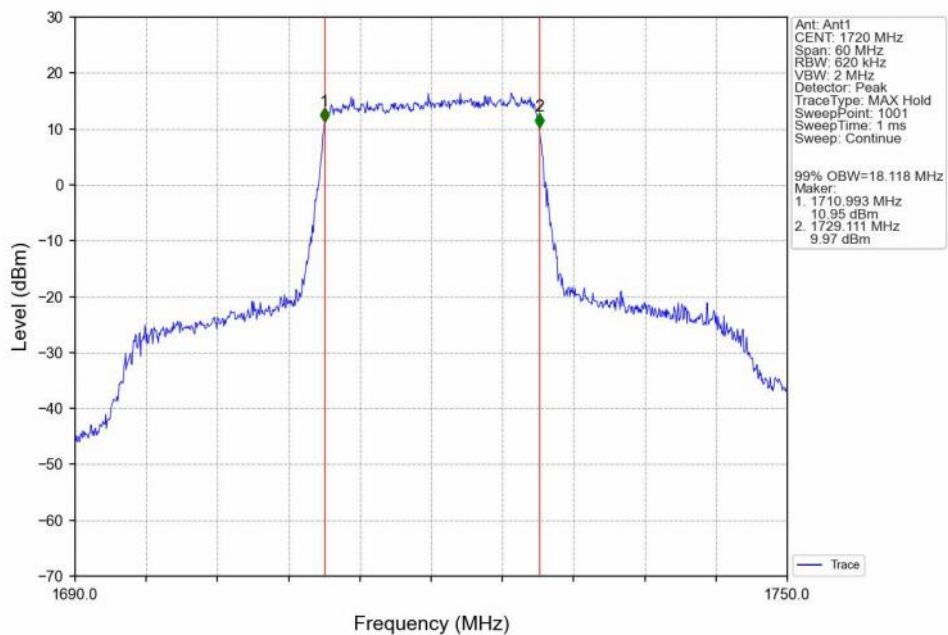
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



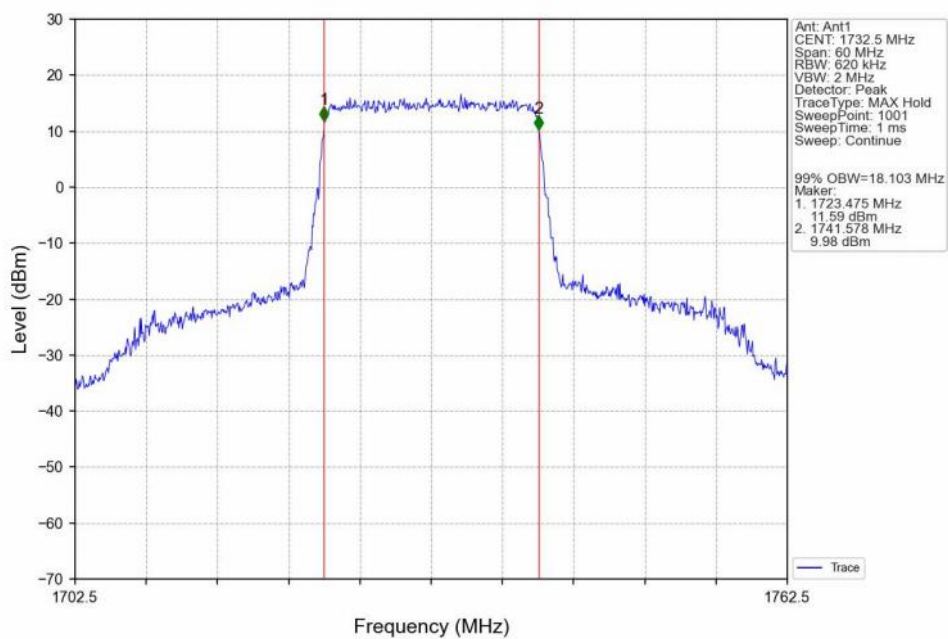
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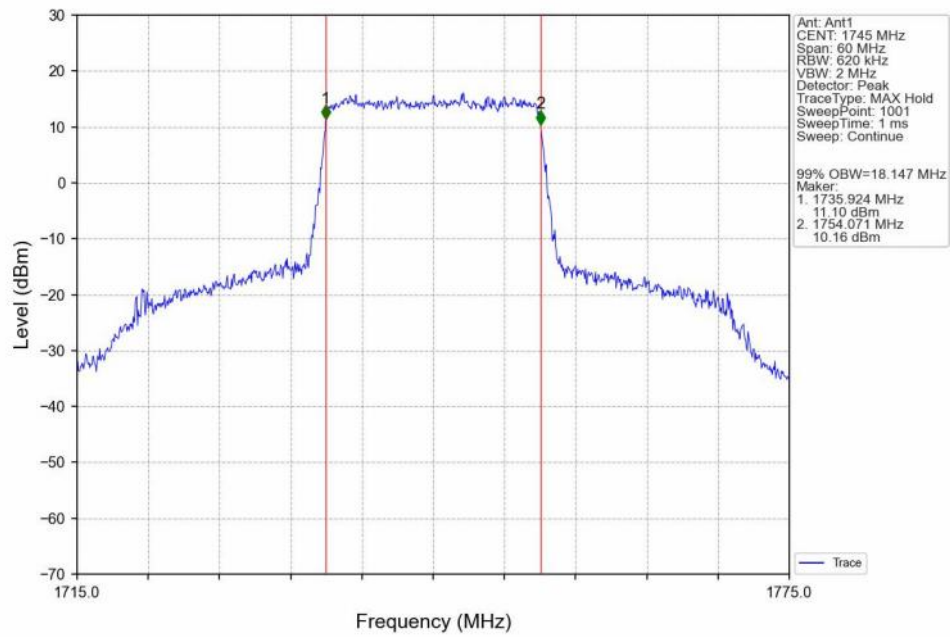
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



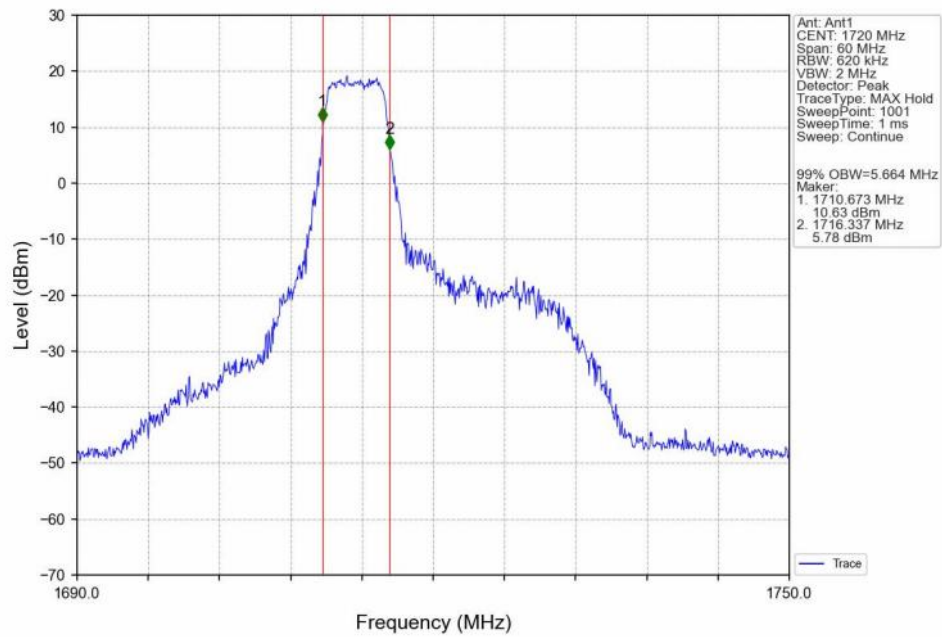
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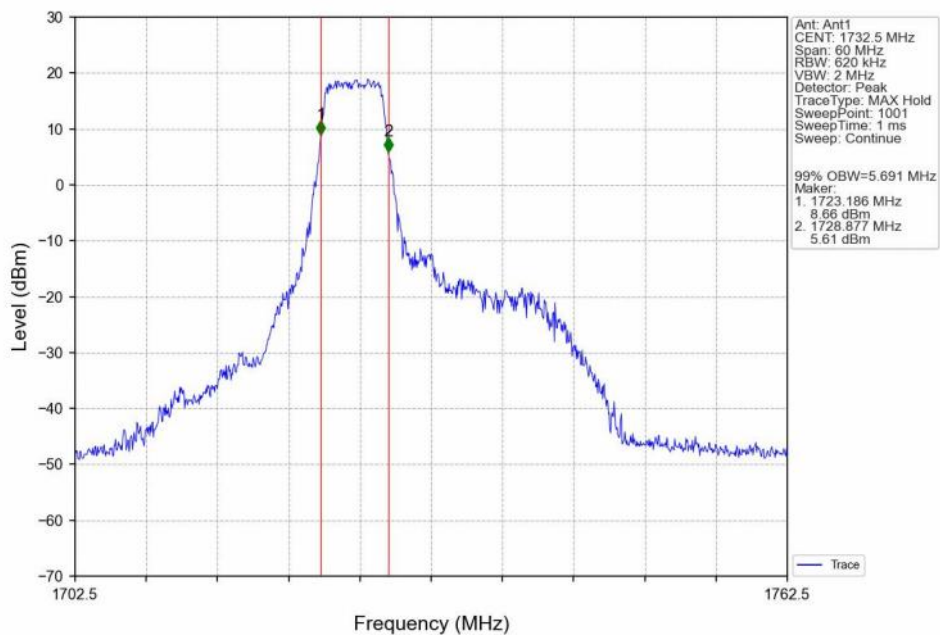
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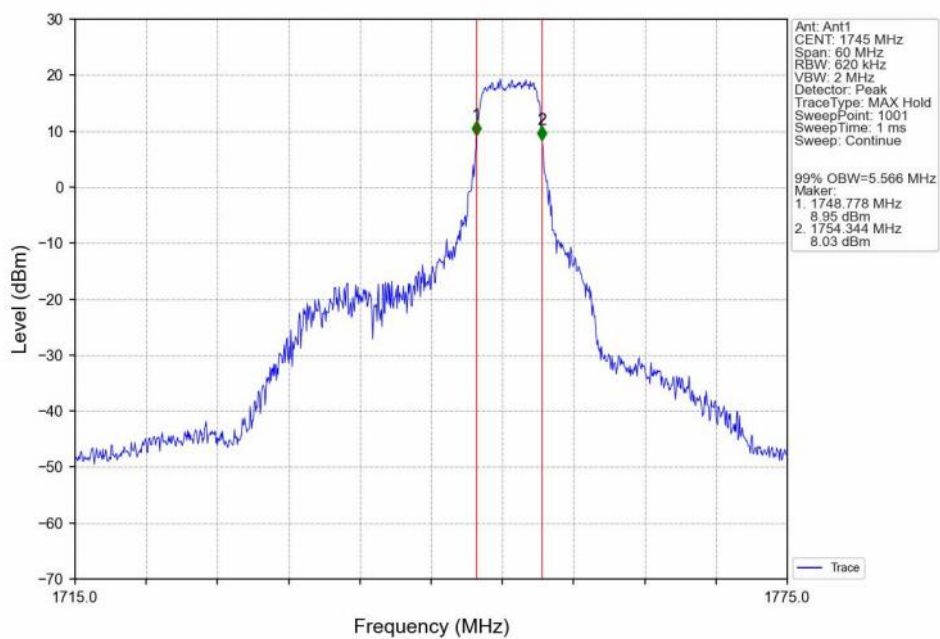
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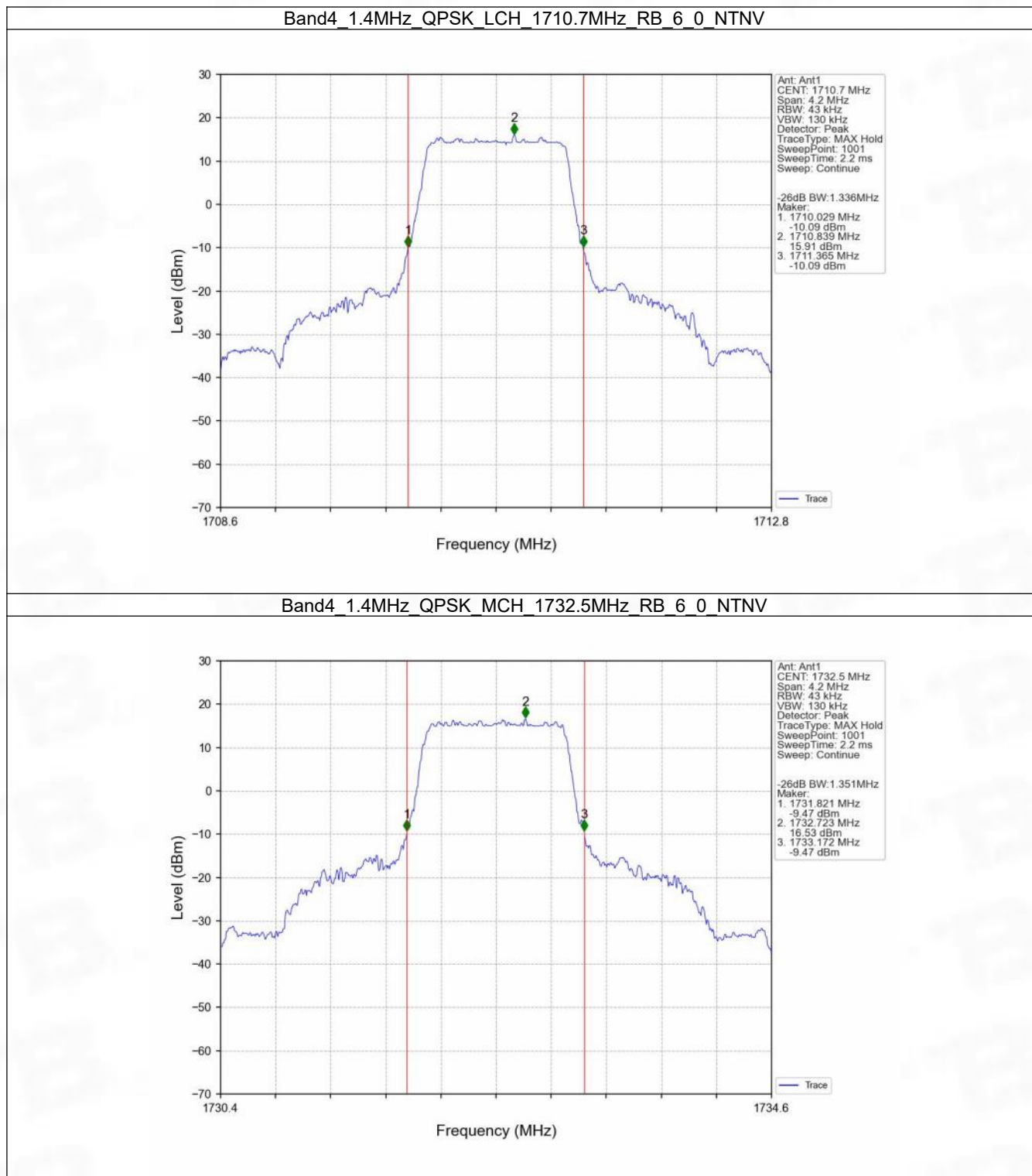
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



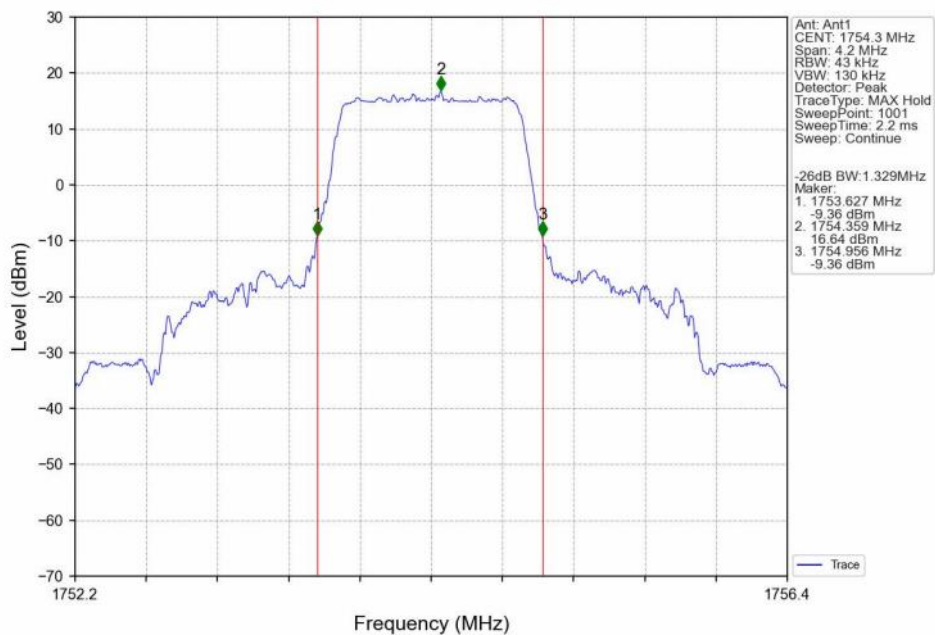
Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



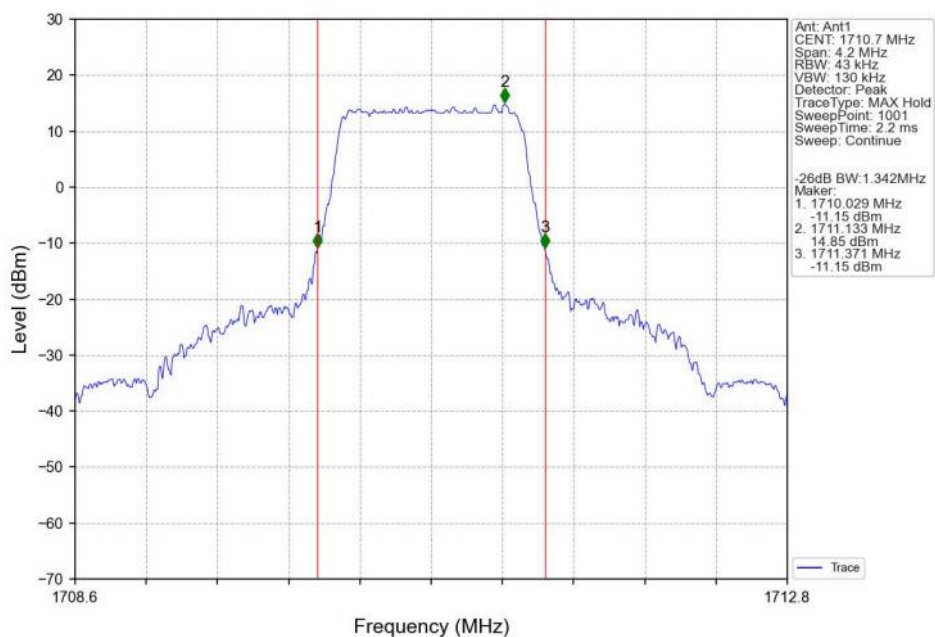
4.2.2 Band4_XDB



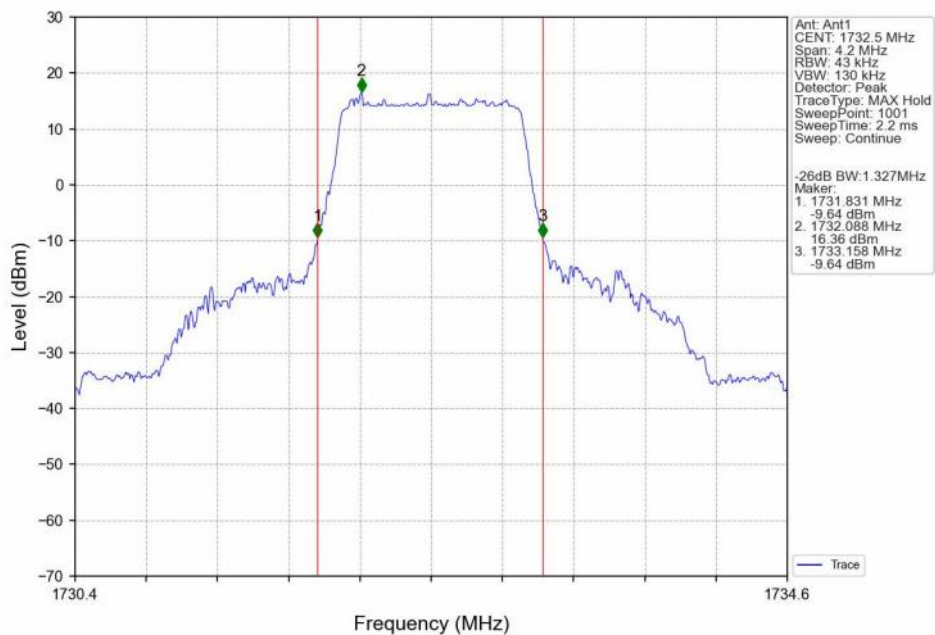
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



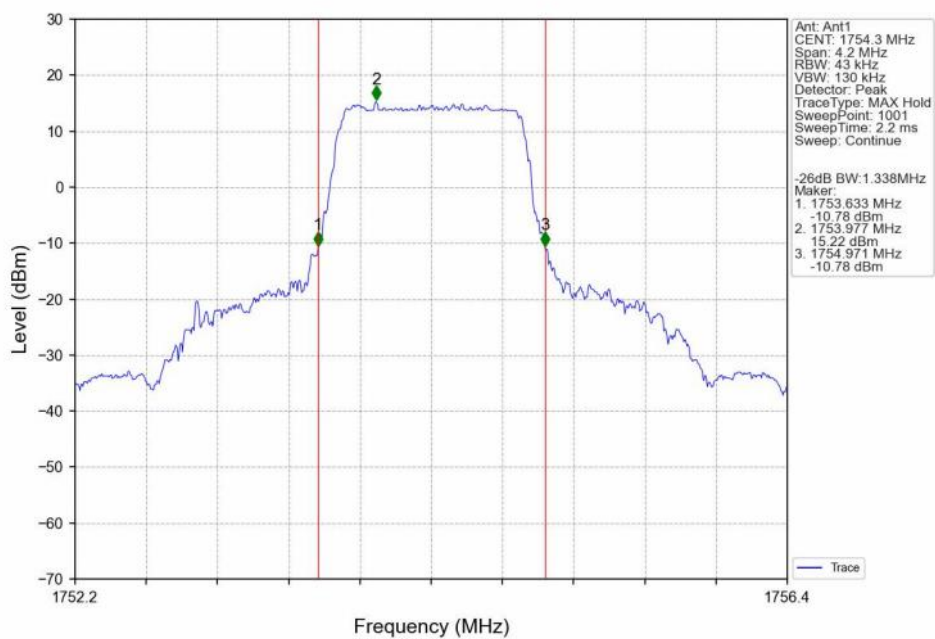
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



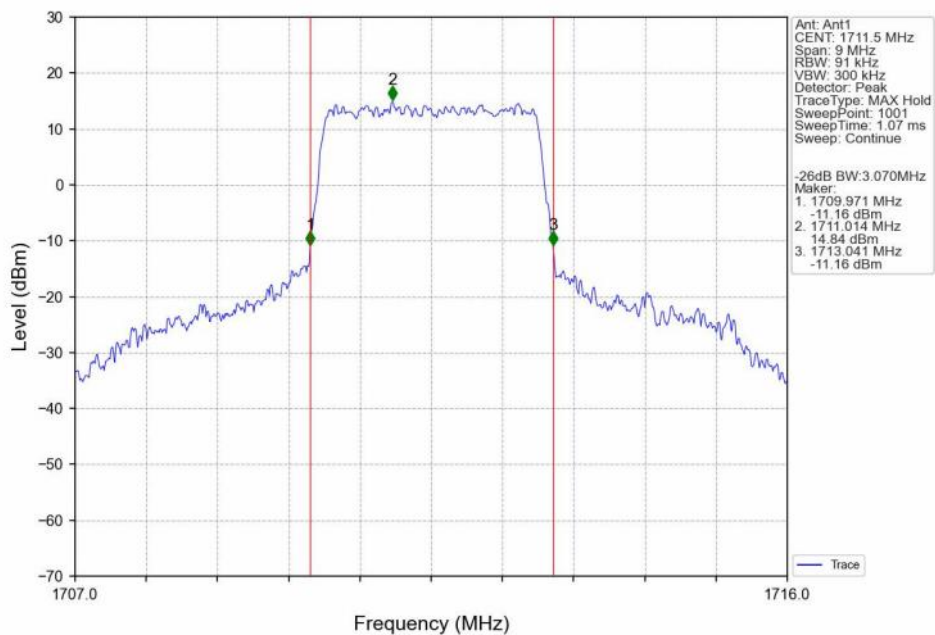
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



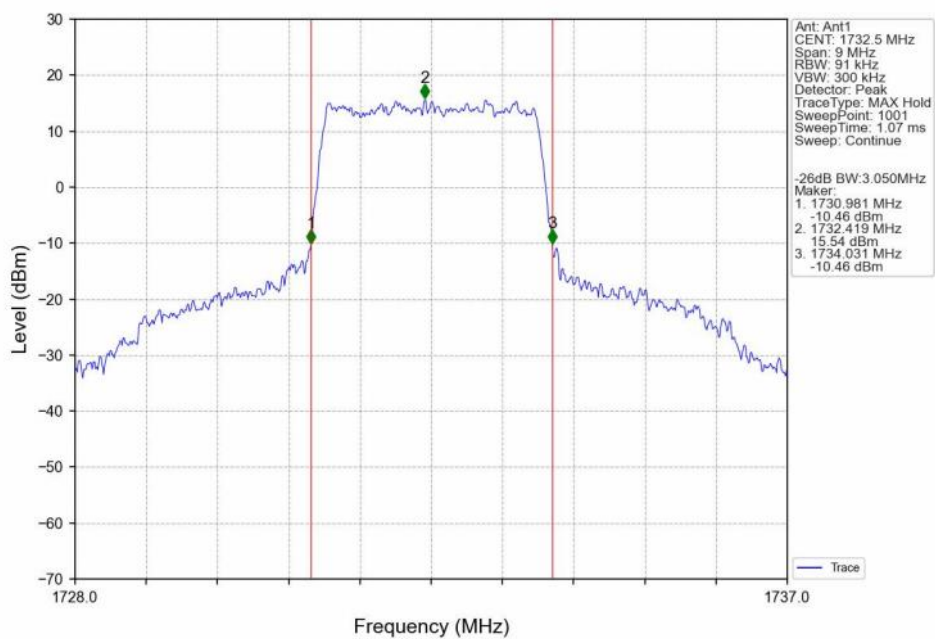
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



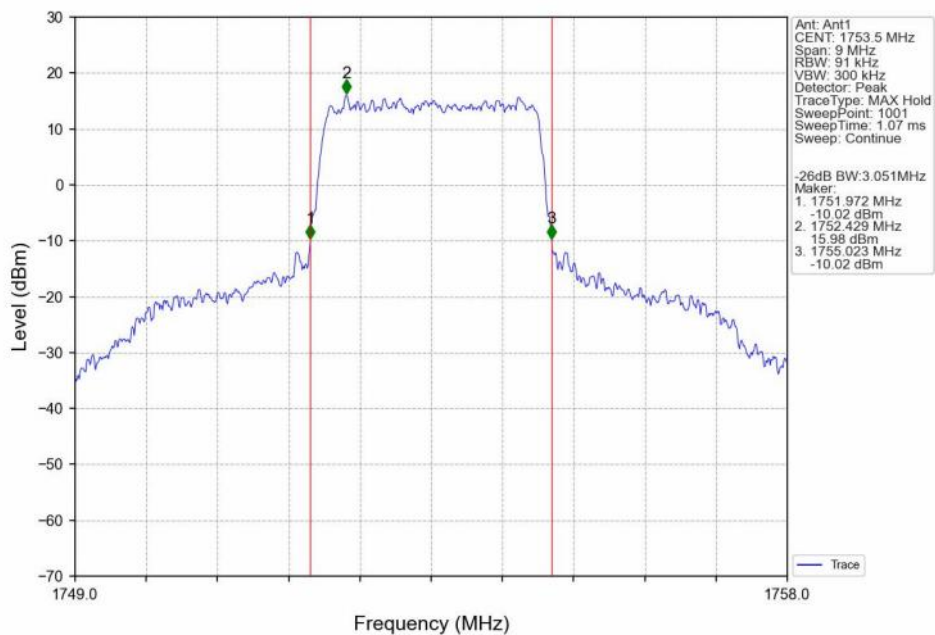
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



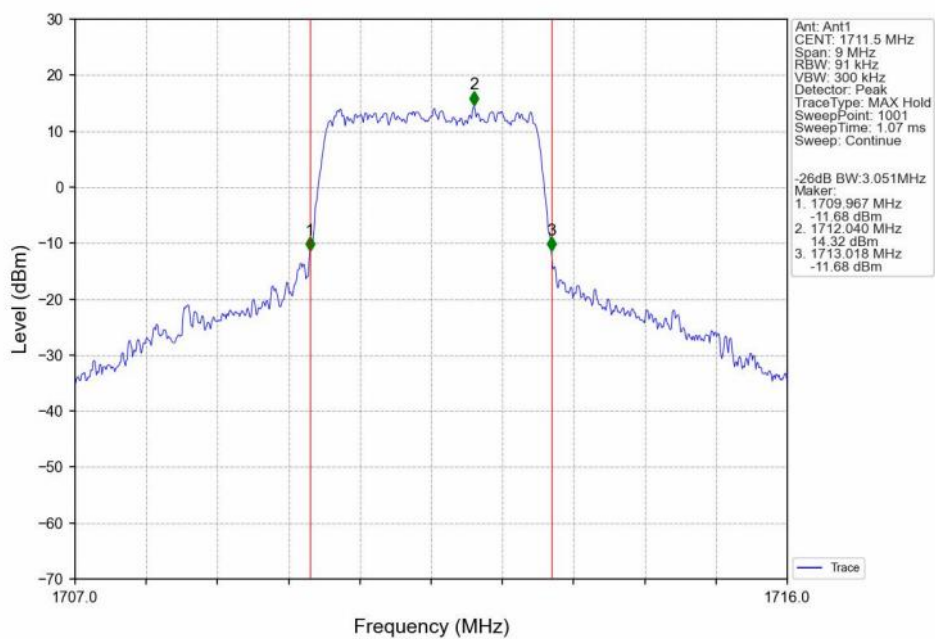
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



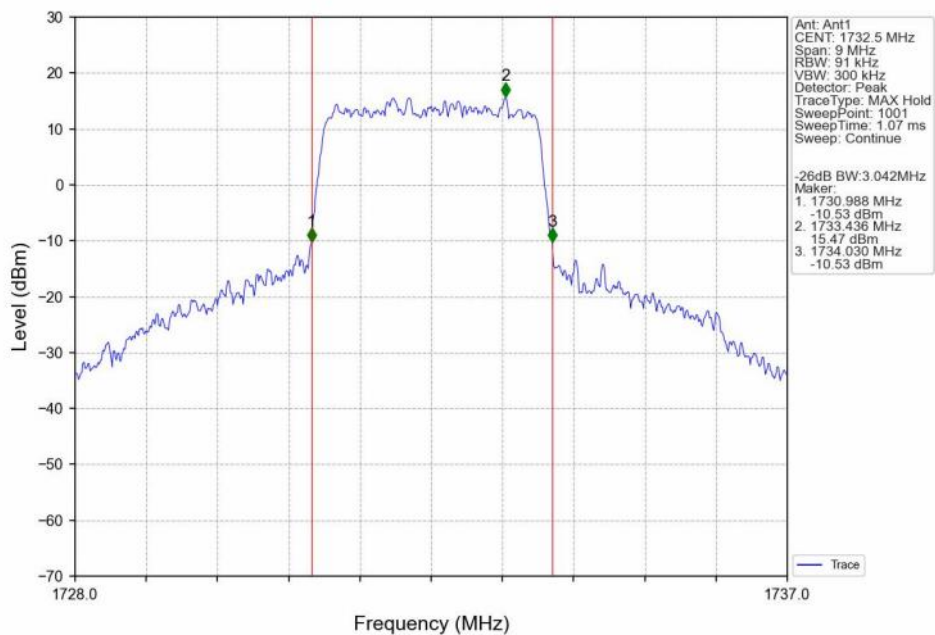
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



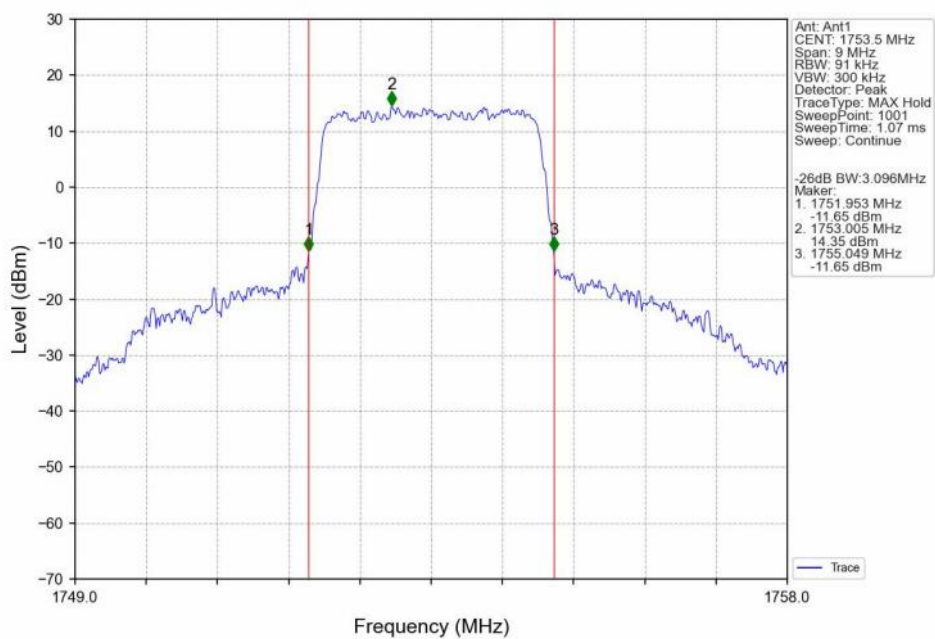
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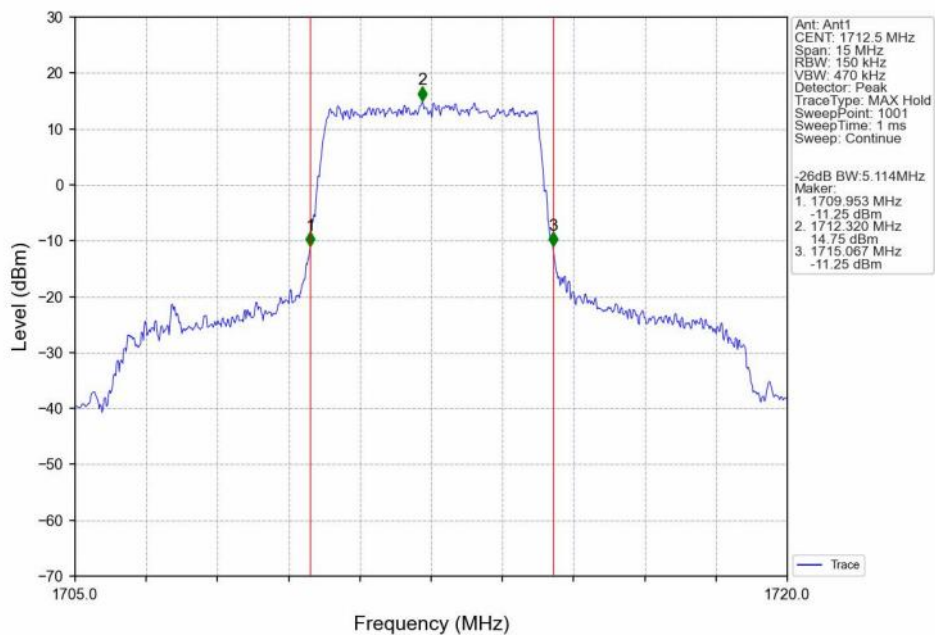
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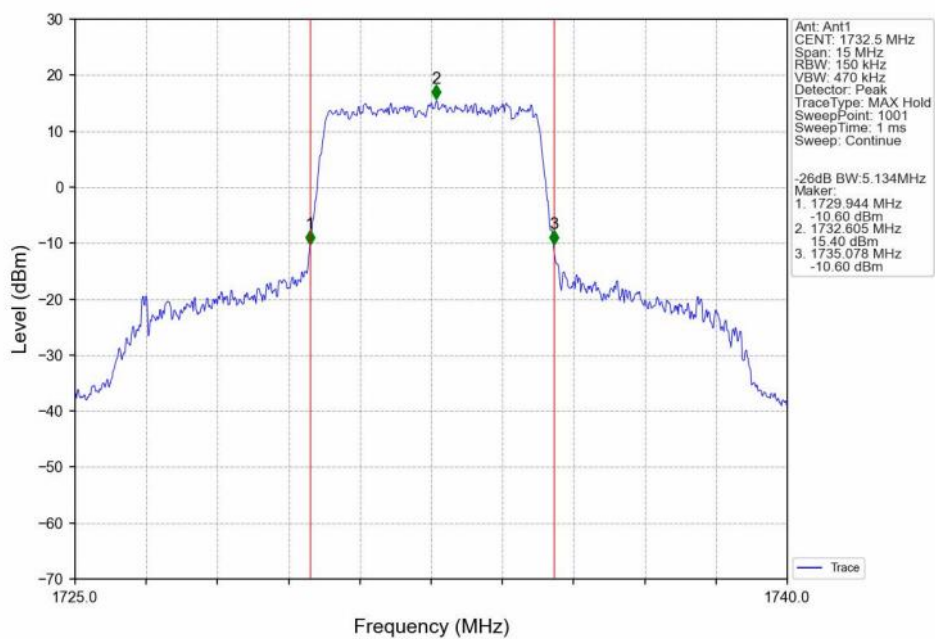
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



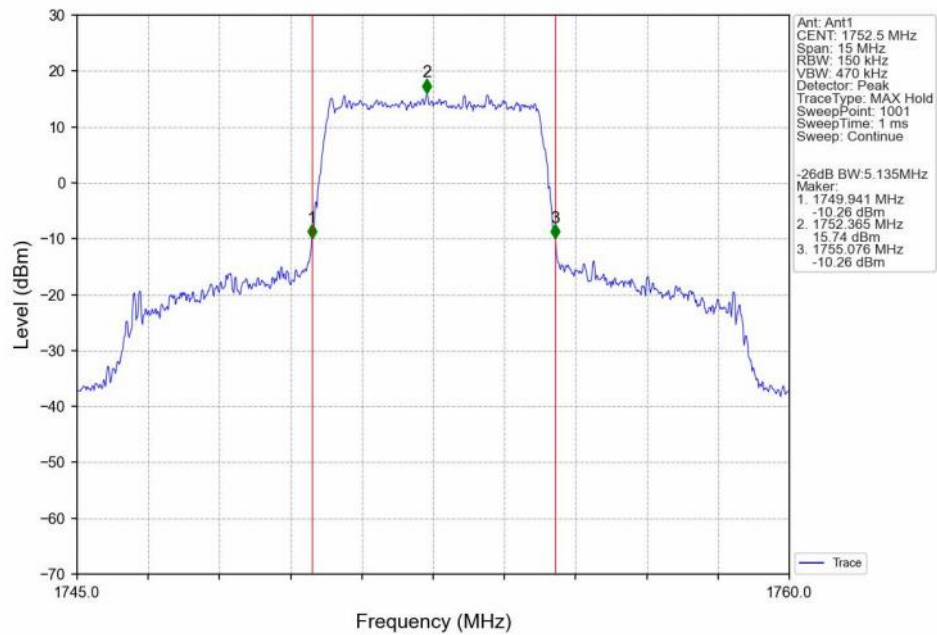
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



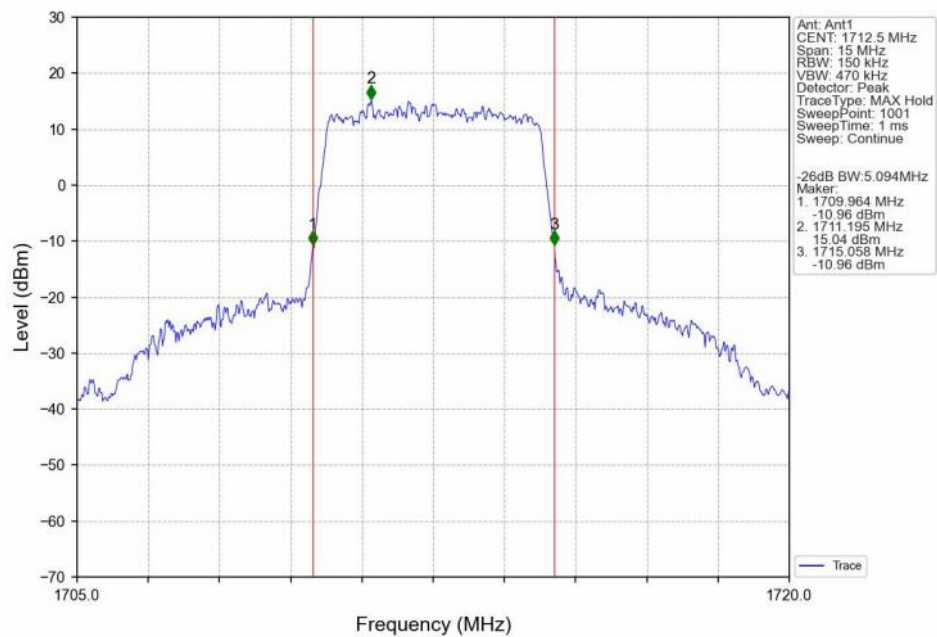
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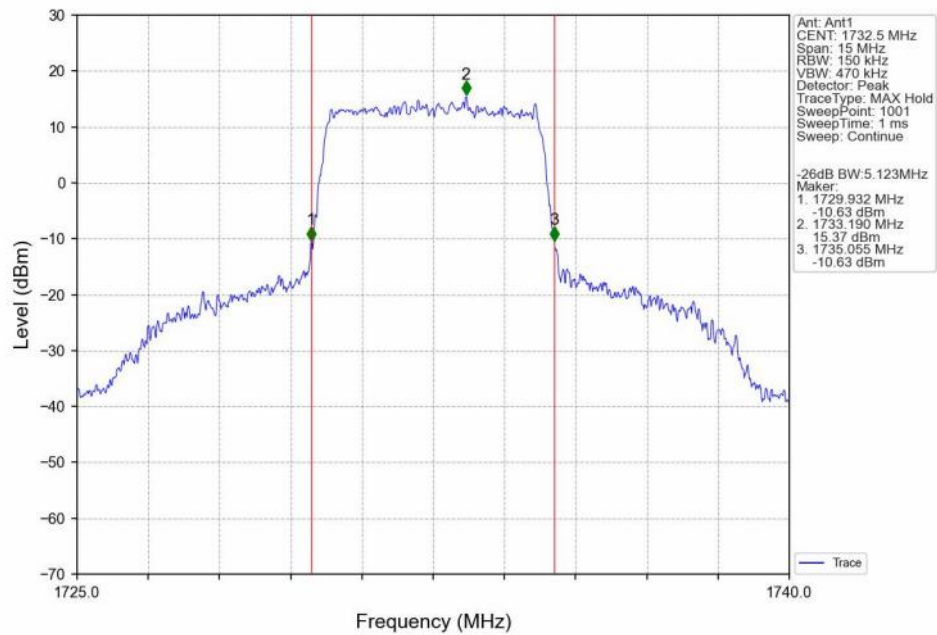
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



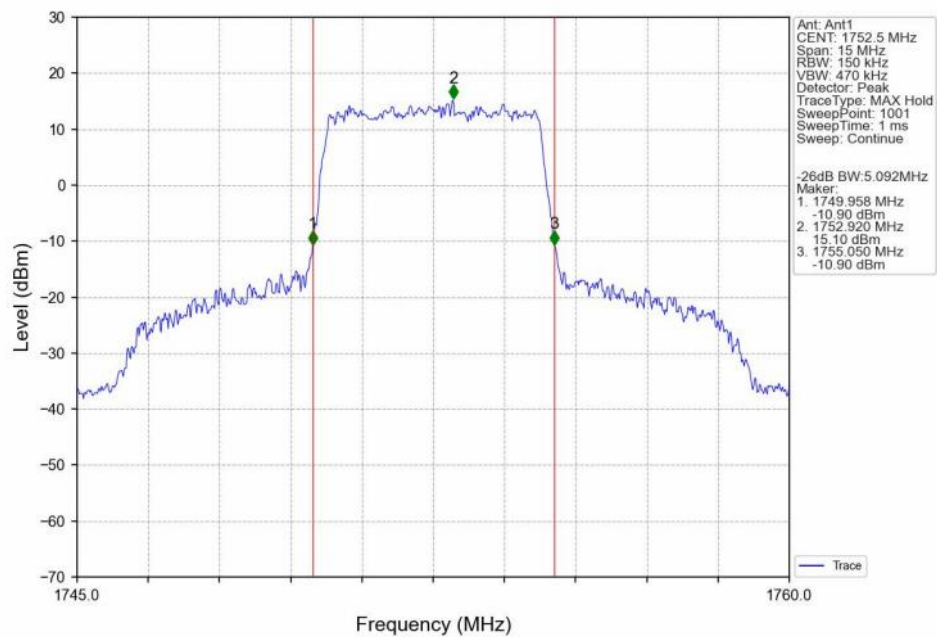
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



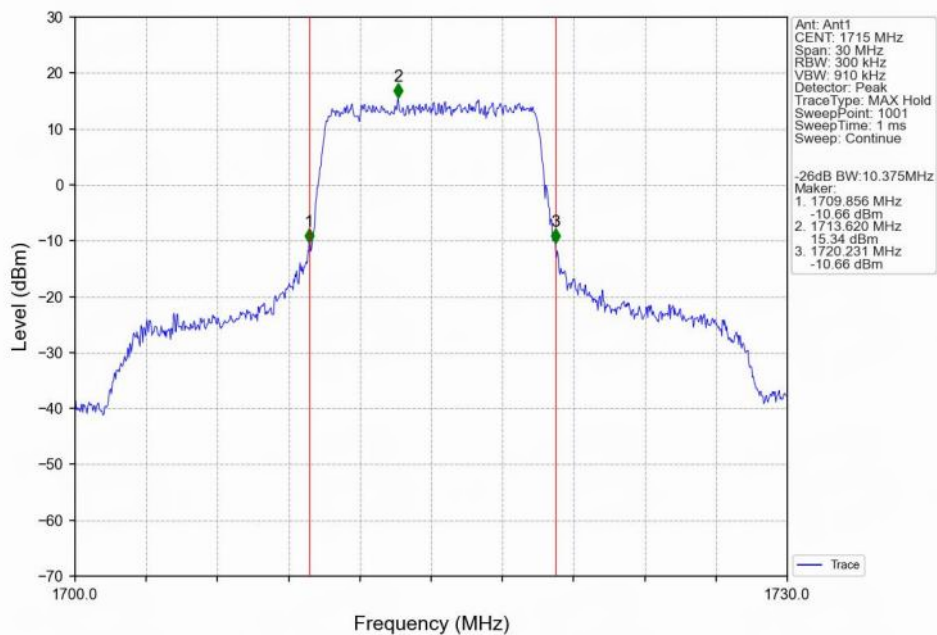
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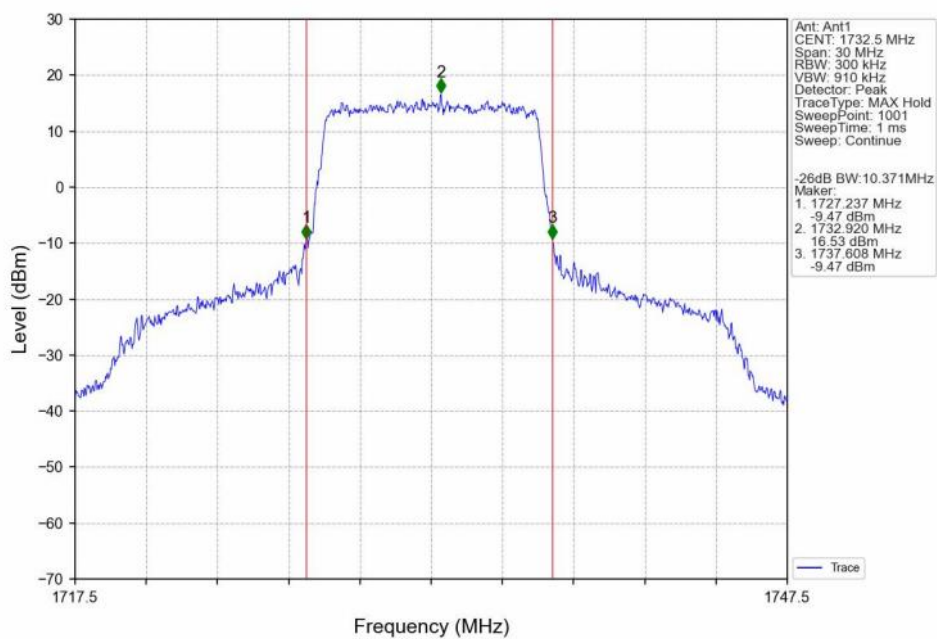
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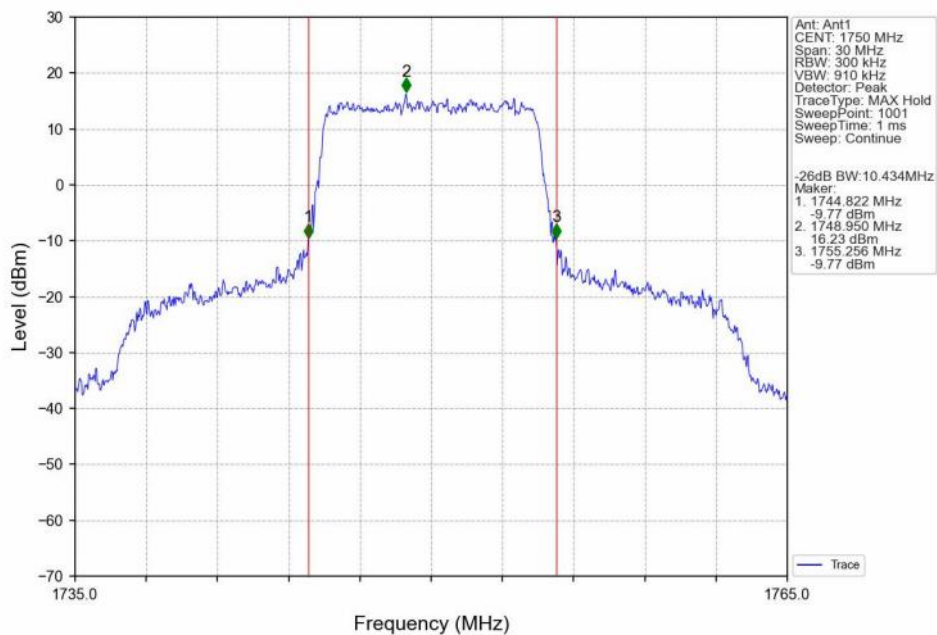
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



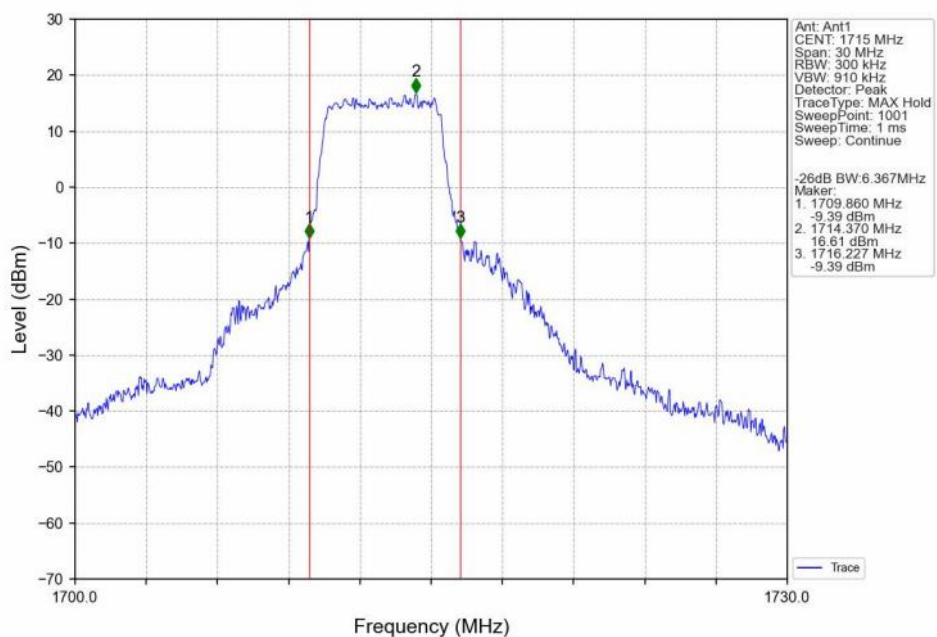
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



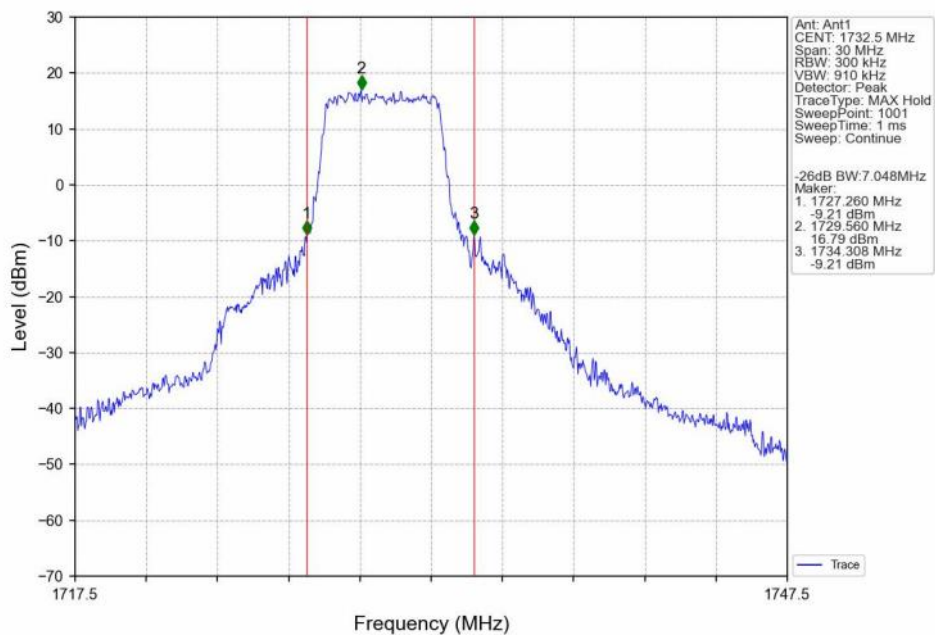
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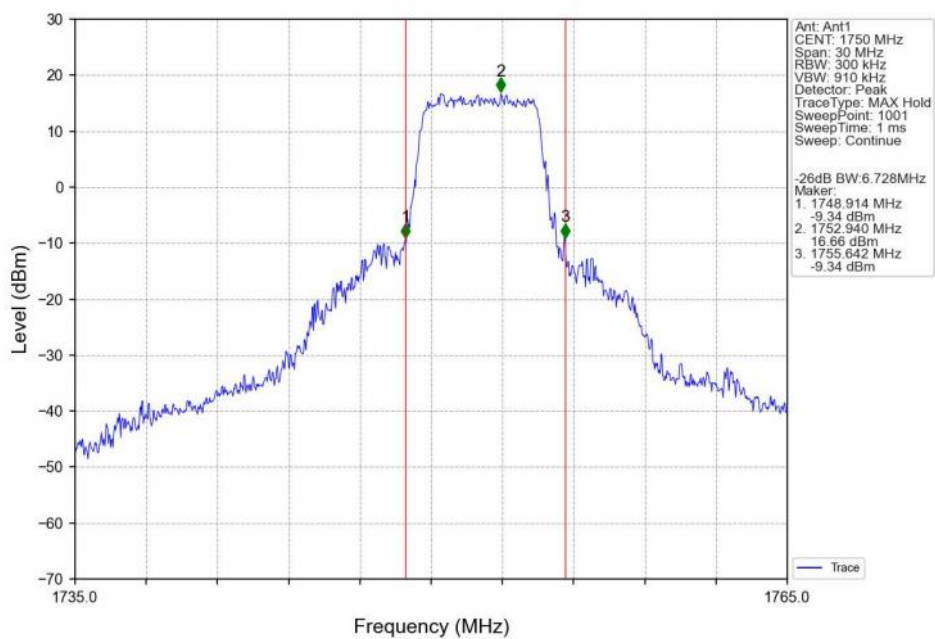
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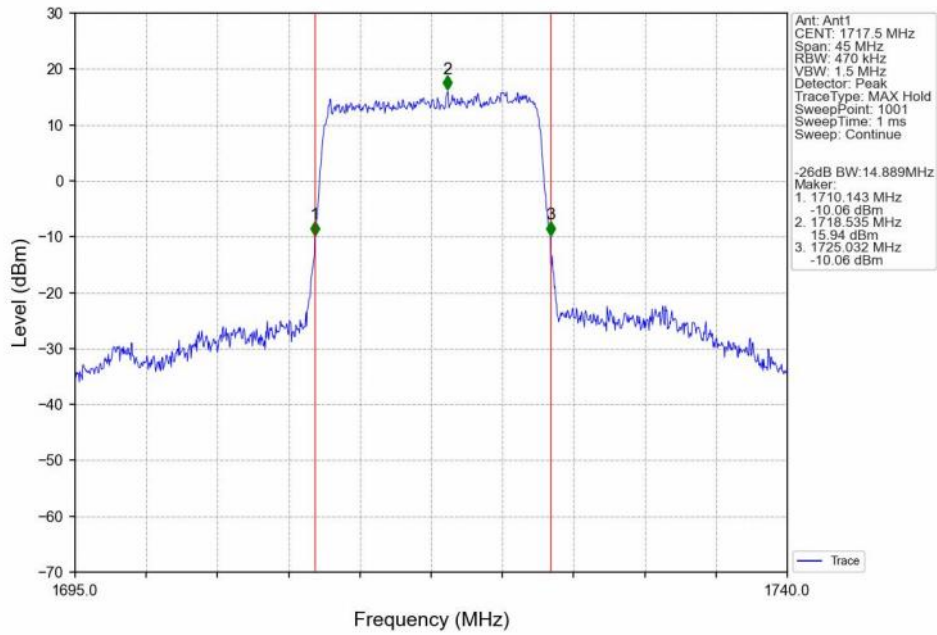
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



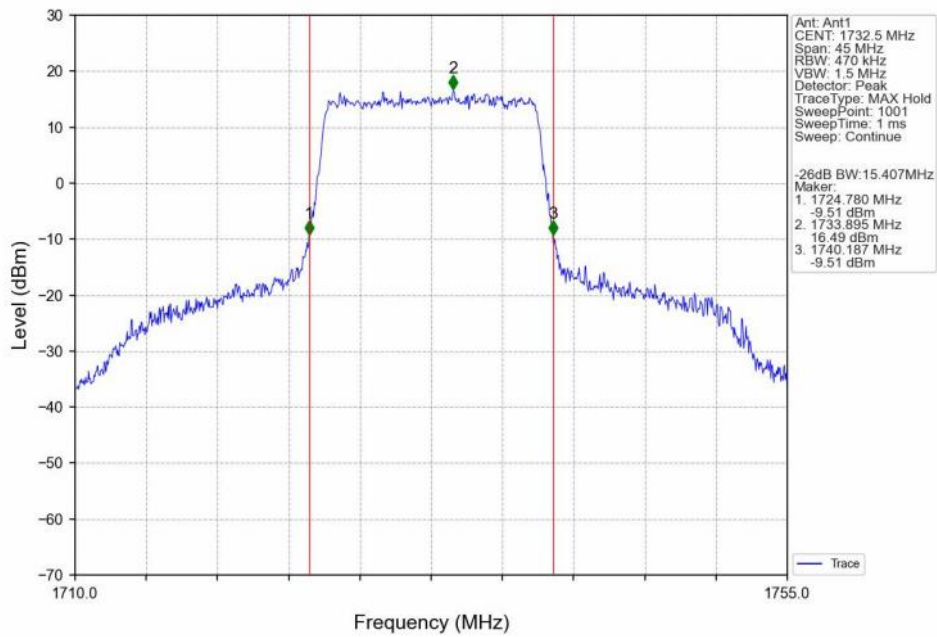
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



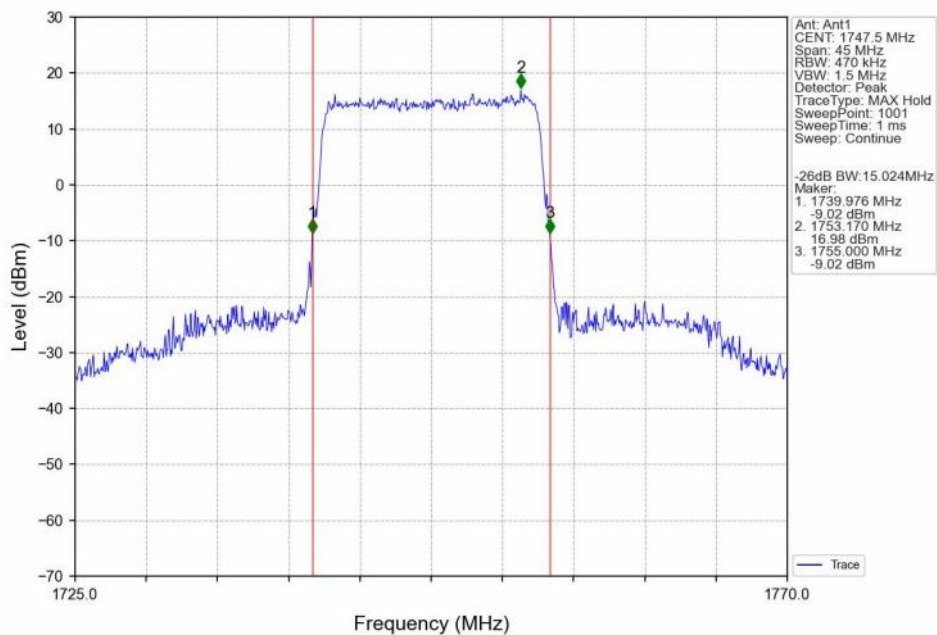
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



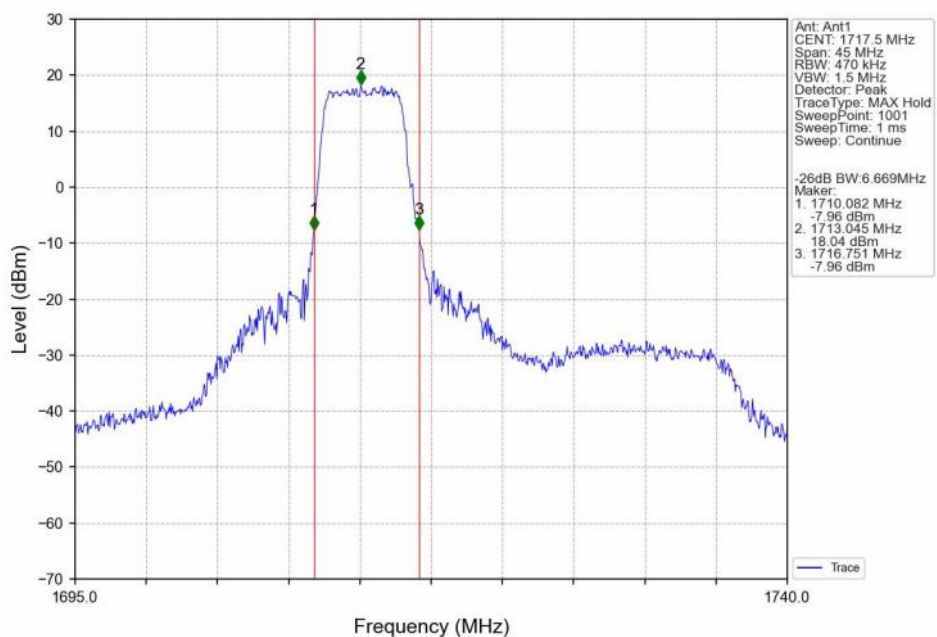
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



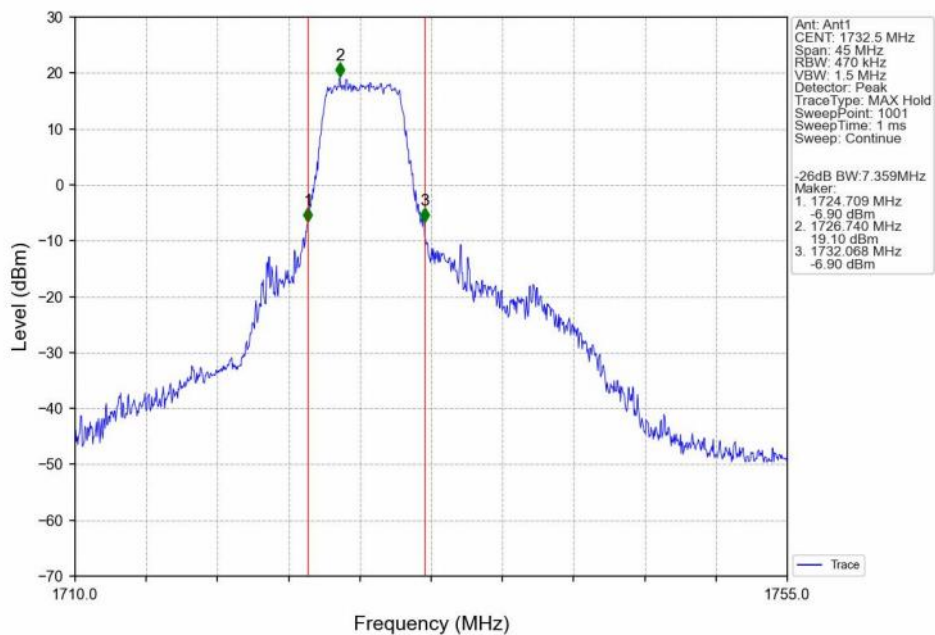
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



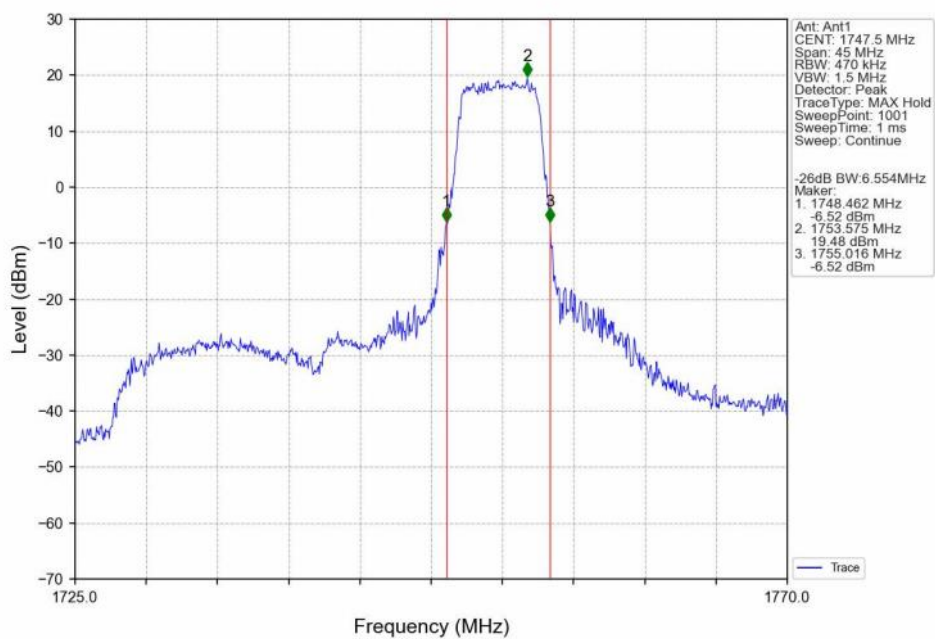
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



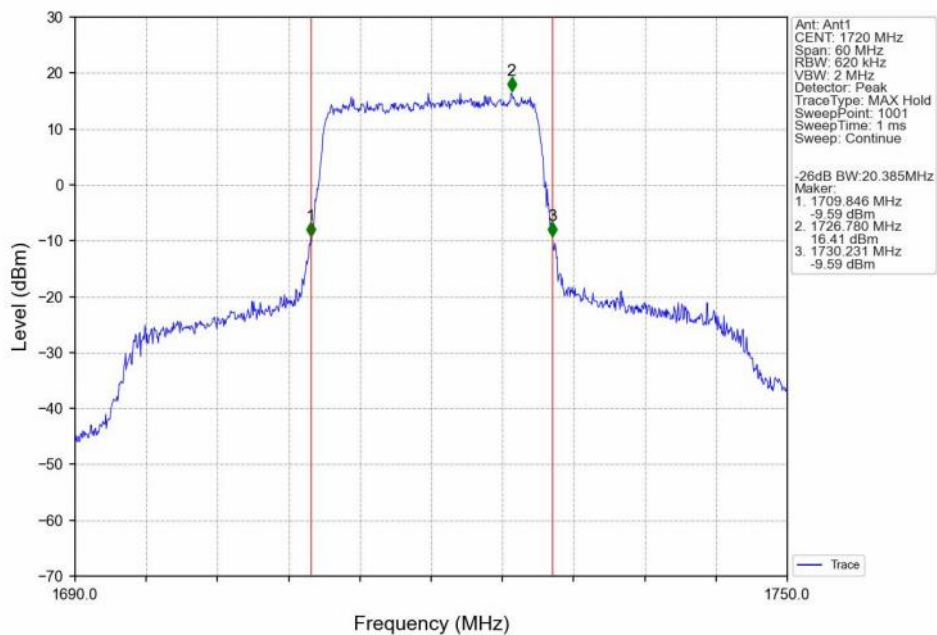
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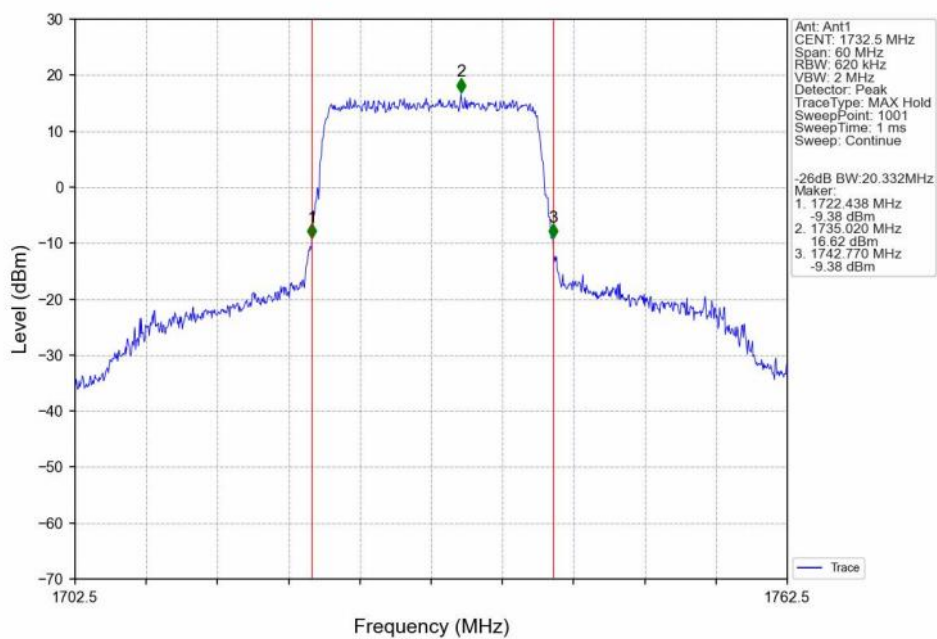
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



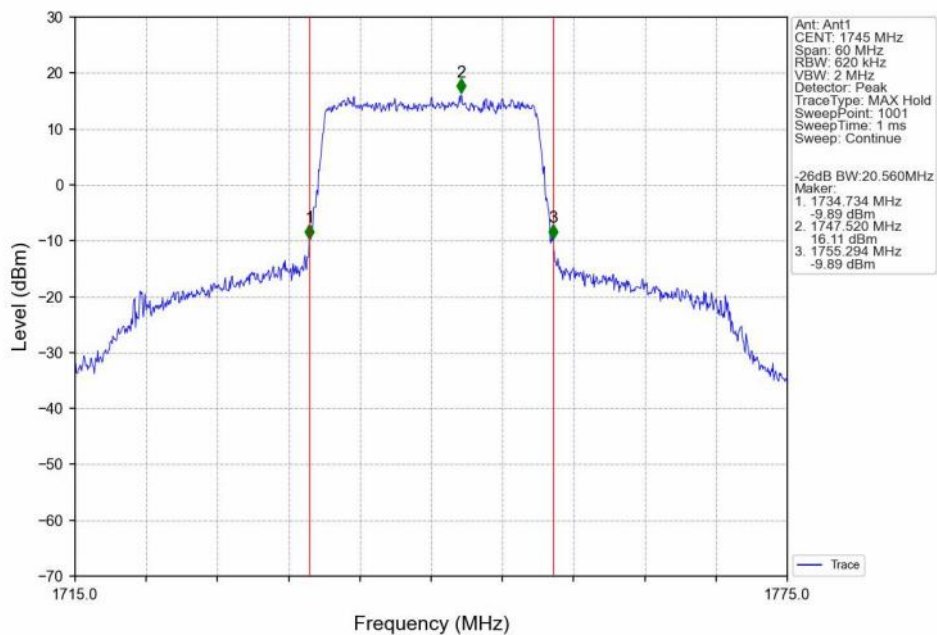
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



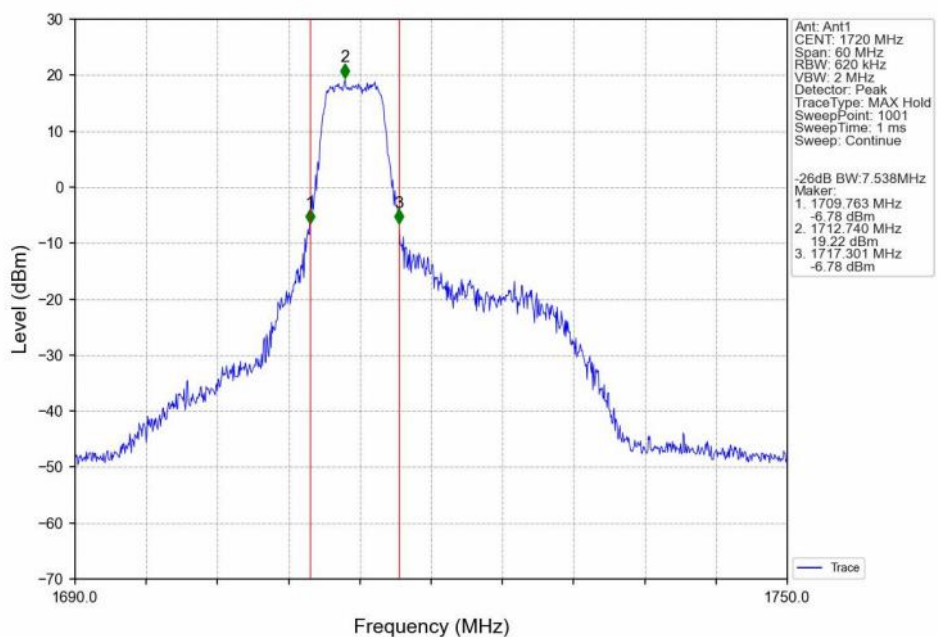
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



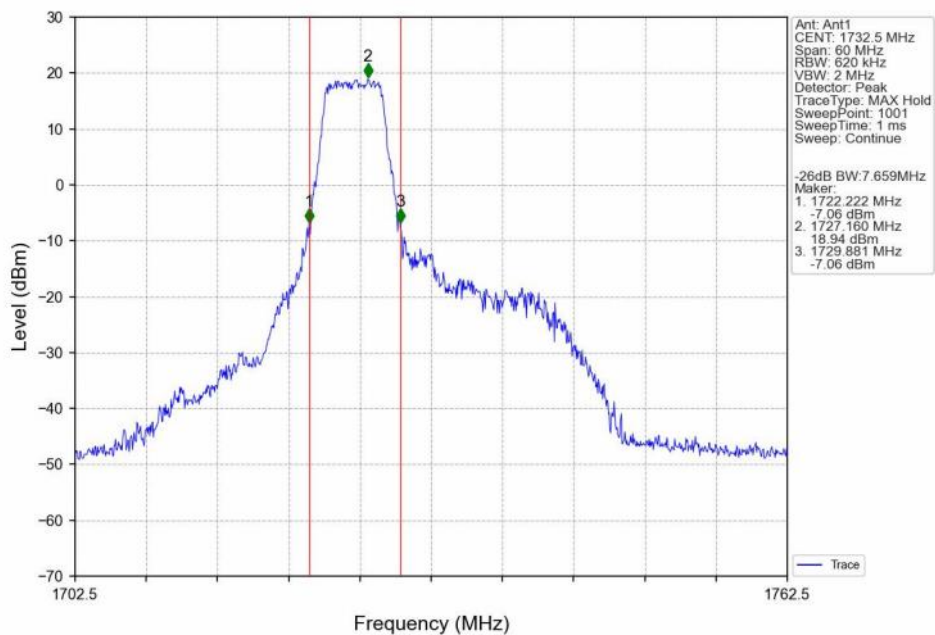
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



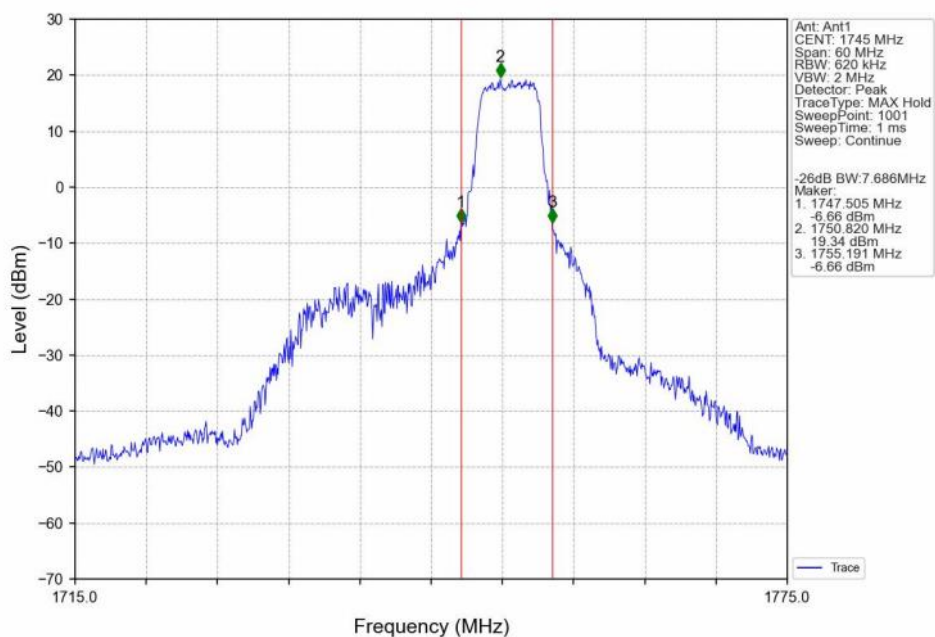
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



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	4.87	<=13	Pass
	1732.5	6	0	4.25	<=13	Pass
	1754.3	6	0	4.65	<=13	Pass
16QAM	1710.7	6	0	5.69	<=13	Pass
	1732.5	6	0	5.18	<=13	Pass
	1754.3	6	0	5.35	<=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	5.05	<=13	Pass
	1732.5	15	0	4.27	<=13	Pass
	1753.5	15	0	4.53	<=13	Pass
16QAM	1711.5	15	0	5.79	<=13	Pass
	1732.5	15	0	5.17	<=13	Pass
	1753.5	15	0	5.33	<=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	5.06	<=13	Pass
	1732.5	25	0	4.66	<=13	Pass
	1752.5	25	0	4.82	<=13	Pass
16QAM	1712.5	25	0	5.69	<=13	Pass
	1732.5	25	0	5.44	<=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	5.19	<=13	Pass
	1732.5	50	0	4.60	<=13	Pass
	1750	50	0	4.69	<=13	Pass
16QAM	1715	27	0	5.61	<=13	Pass
	1732.5	27	0	5.29	<=13	Pass

	1750	27	23	5.35	<=13	Pass
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5.1.5 B4_15MHz

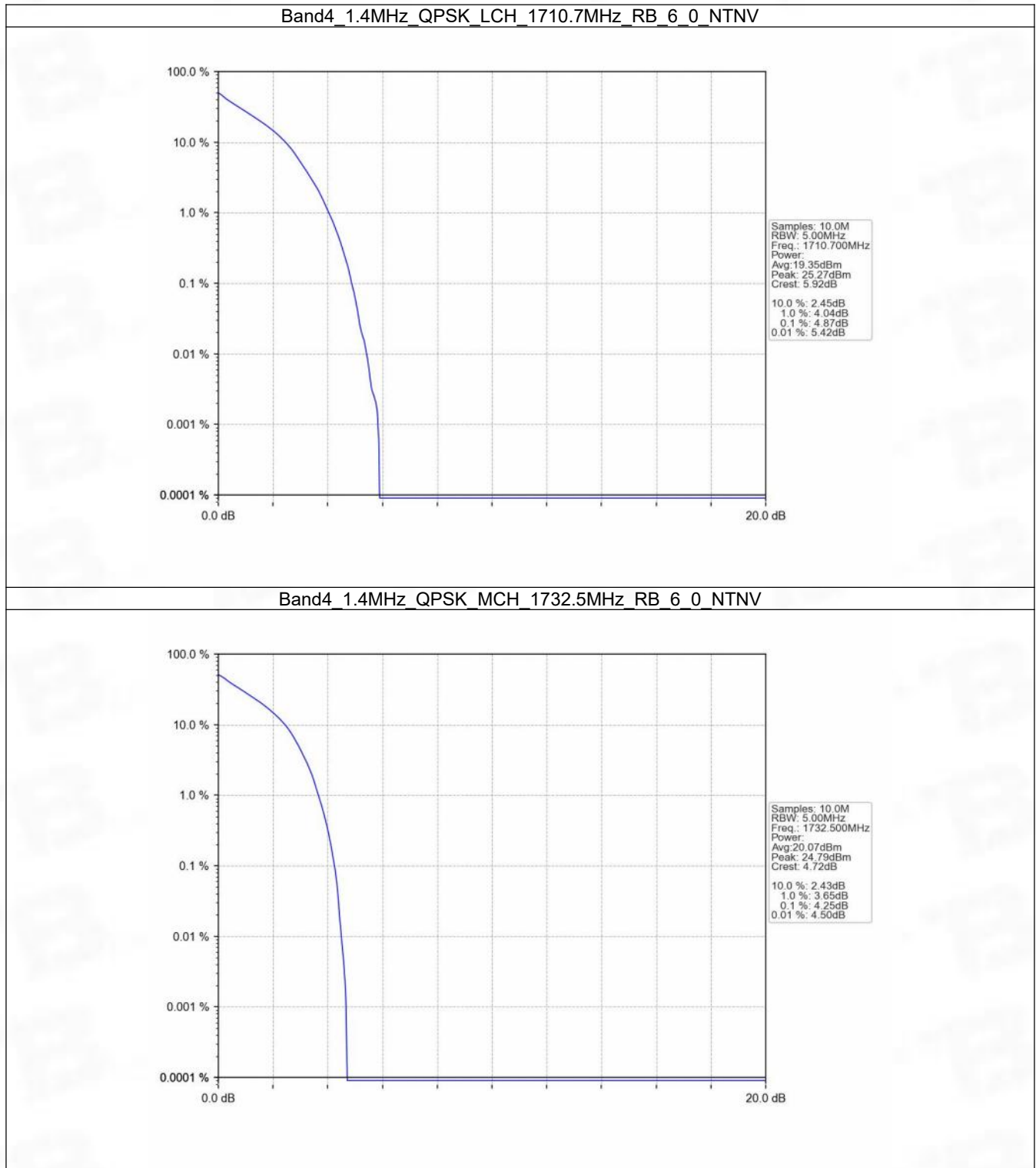
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.25	<=13	Pass
	1732.5	75	0	4.82	<=13	Pass
	1747.5	75	0	4.84	<=13	Pass
16QAM	1717.5	27	0	11.64	<=13	Pass
	1732.5	27	0	5.58	<=13	Pass
	1747.5	27	48	12.32	<=13	Pass

5.1.6 B4_20MHz

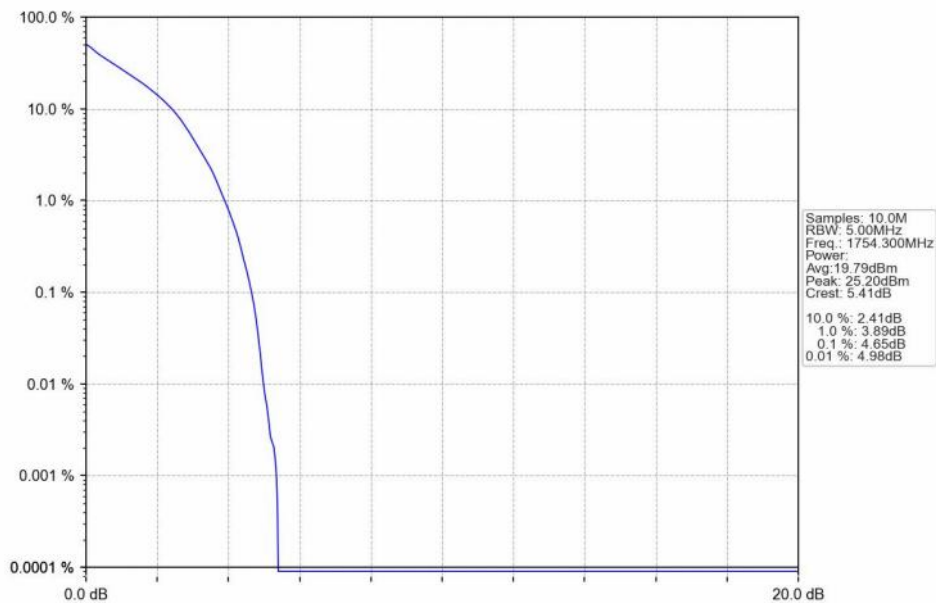
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.17	<=13	Pass
	1732.5	100	0	4.88	<=13	Pass
	1745	100	0	4.78	<=13	Pass
16QAM	1720	27	0	5.74	<=13	Pass
	1732.5	27	0	10.74	<=13	Pass
	1745	27	73	5.29	<=13	Pass

5.2 Test Graph

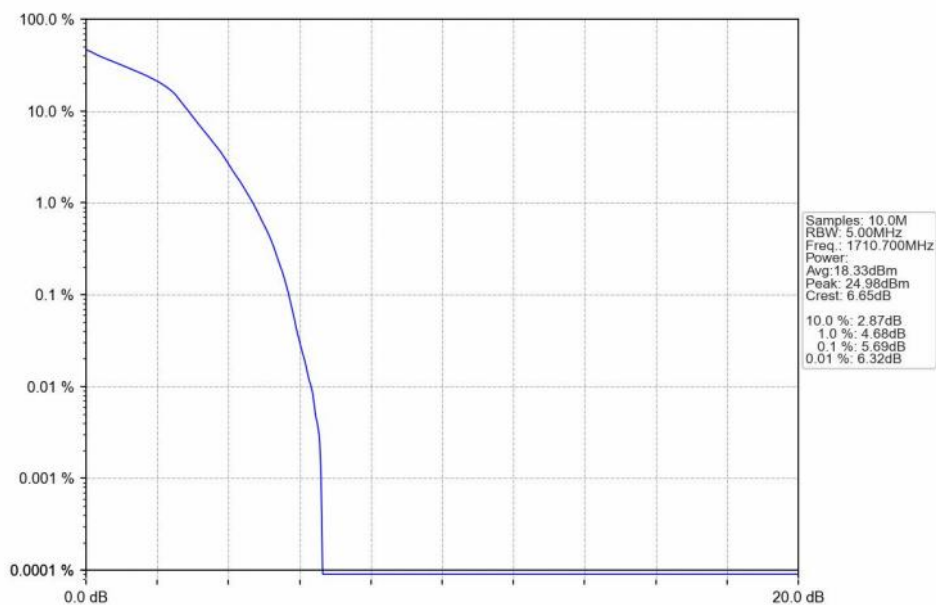
5.2.1 B4_1.4MHz



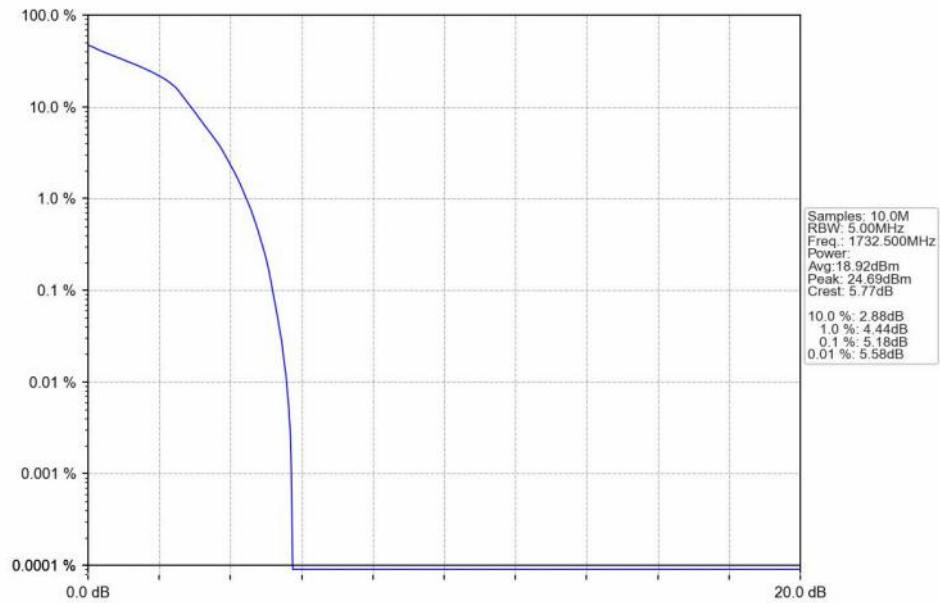
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



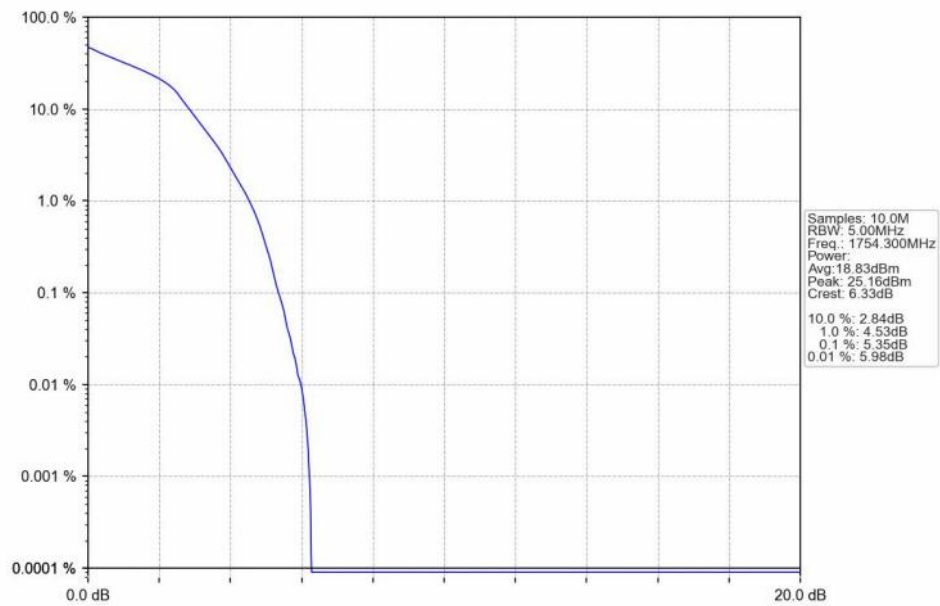
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



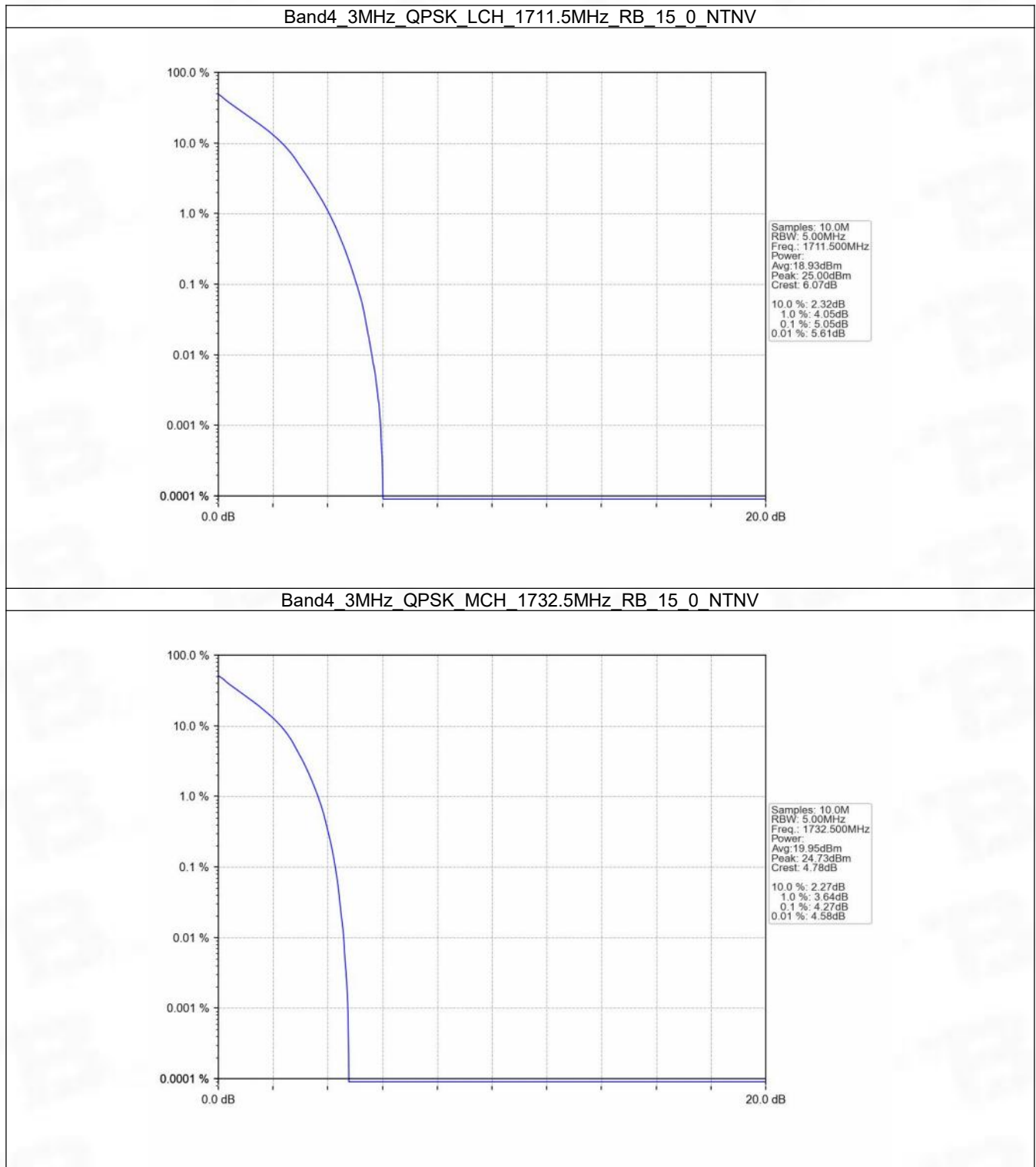
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



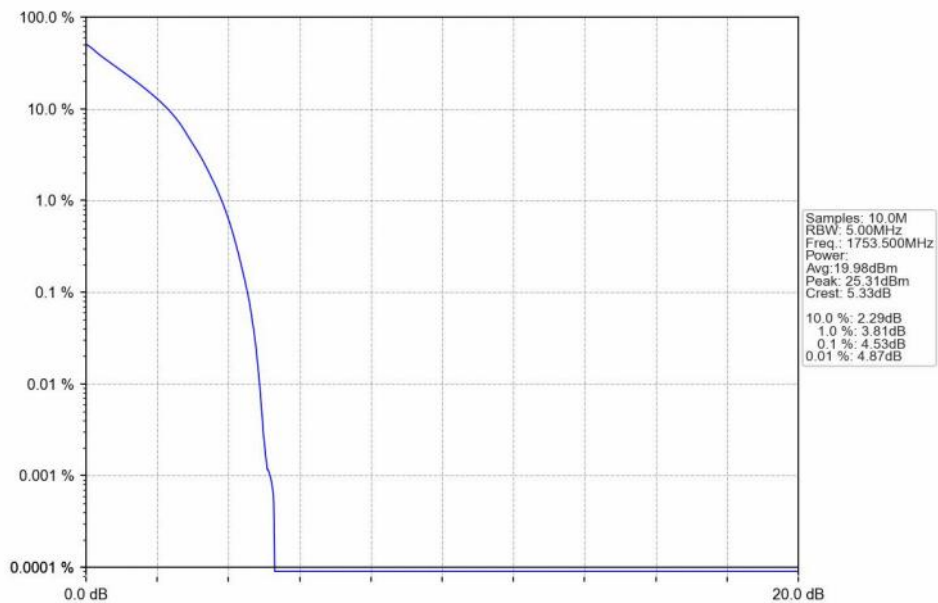
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



5.2.2 B4_3MHz



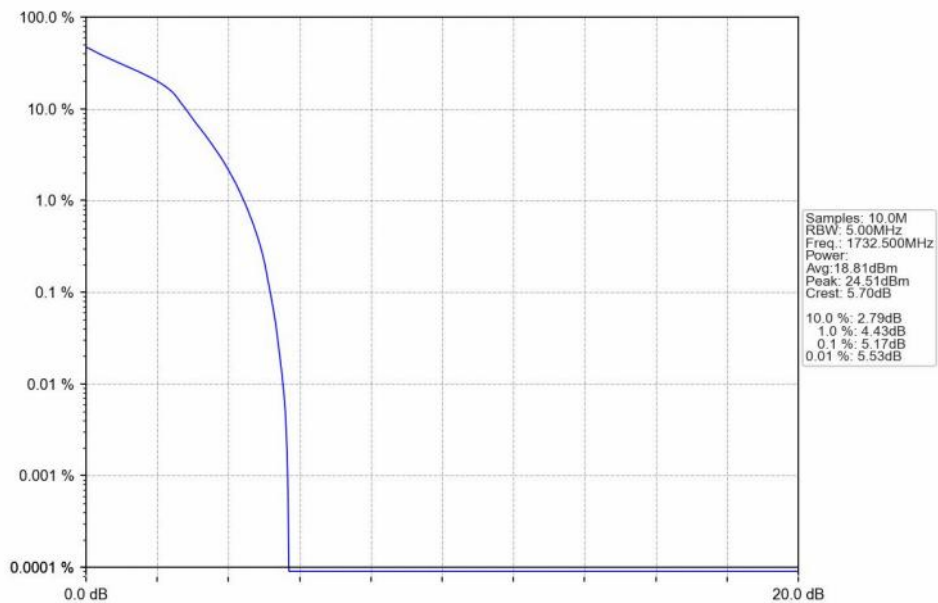
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



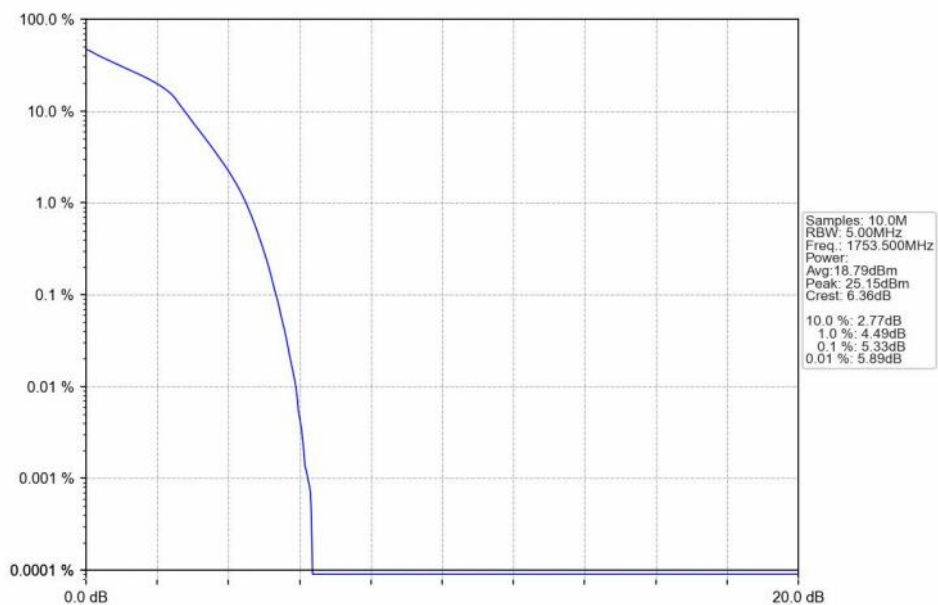
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

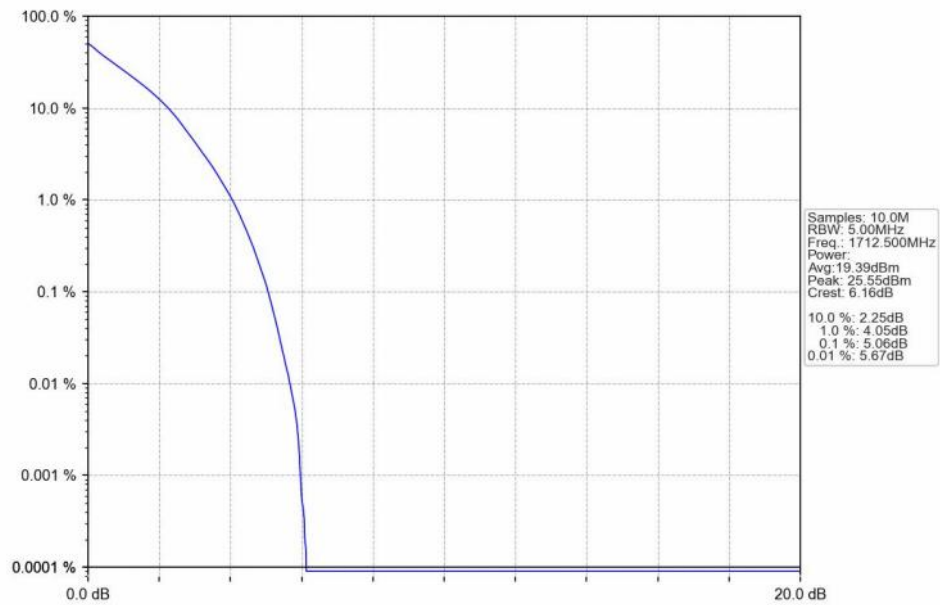


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

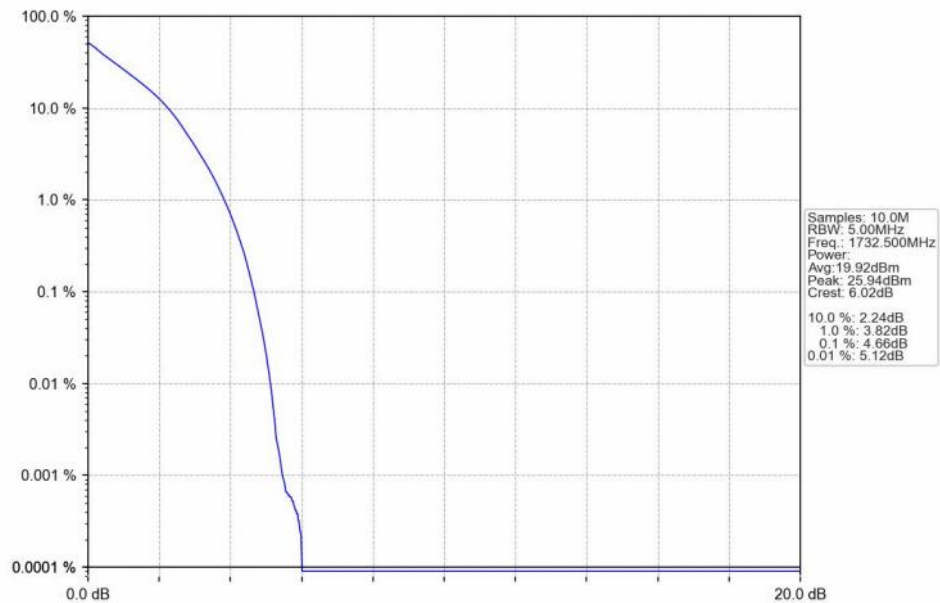


5.2.3 B4_5MHz

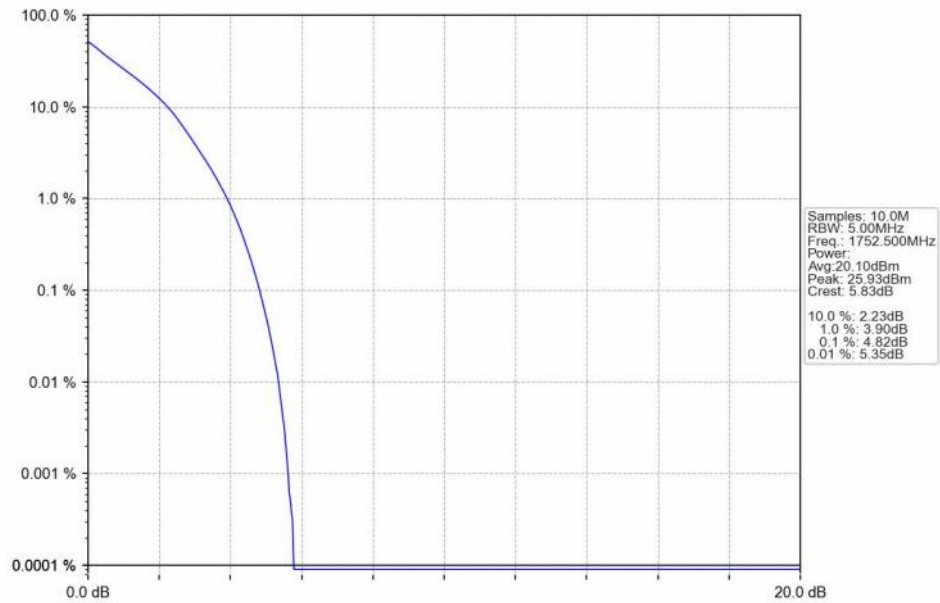
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



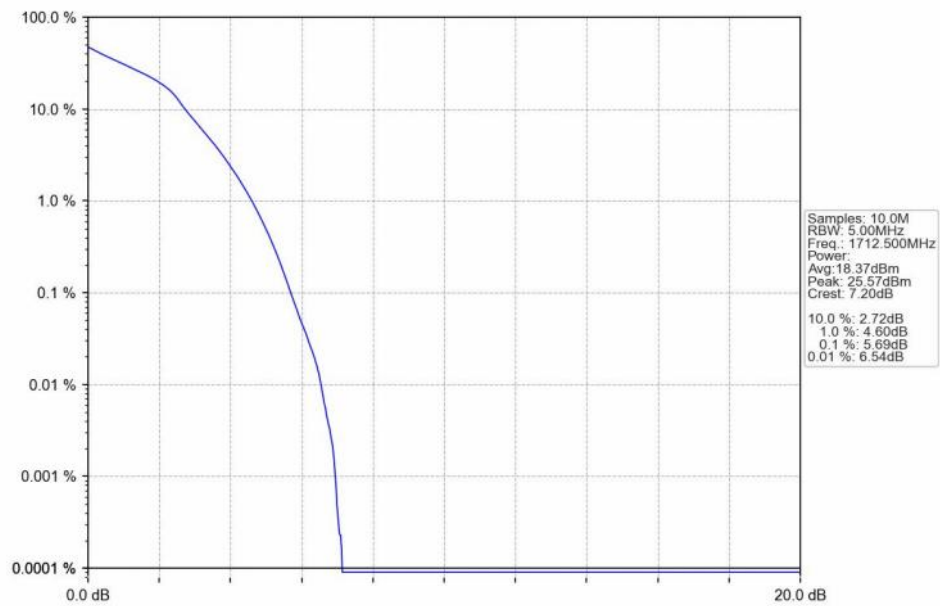
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



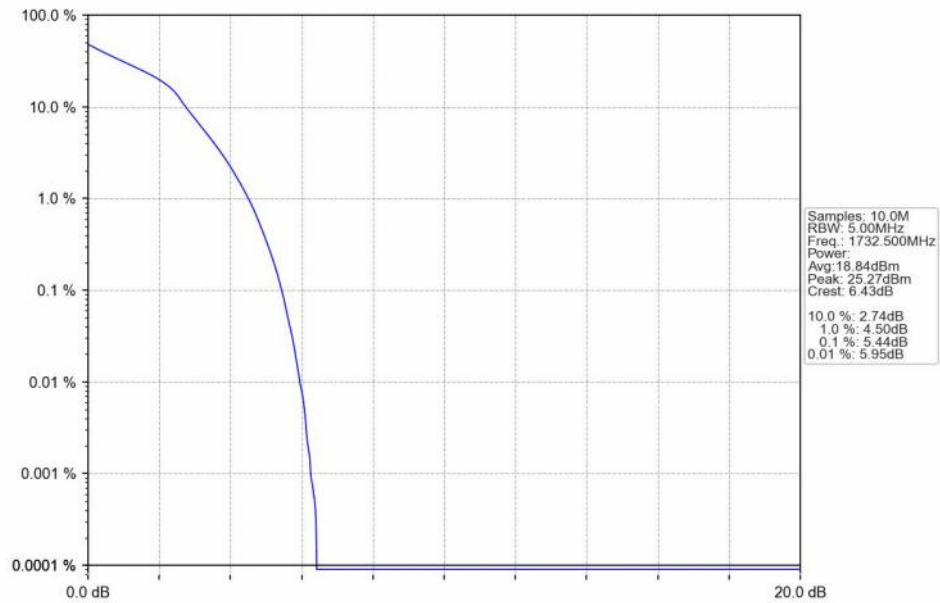
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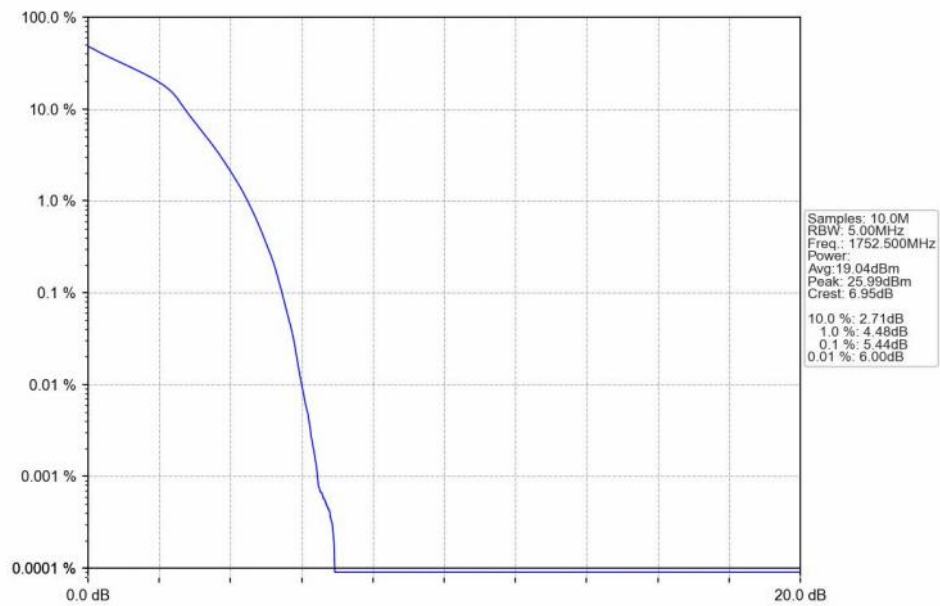
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



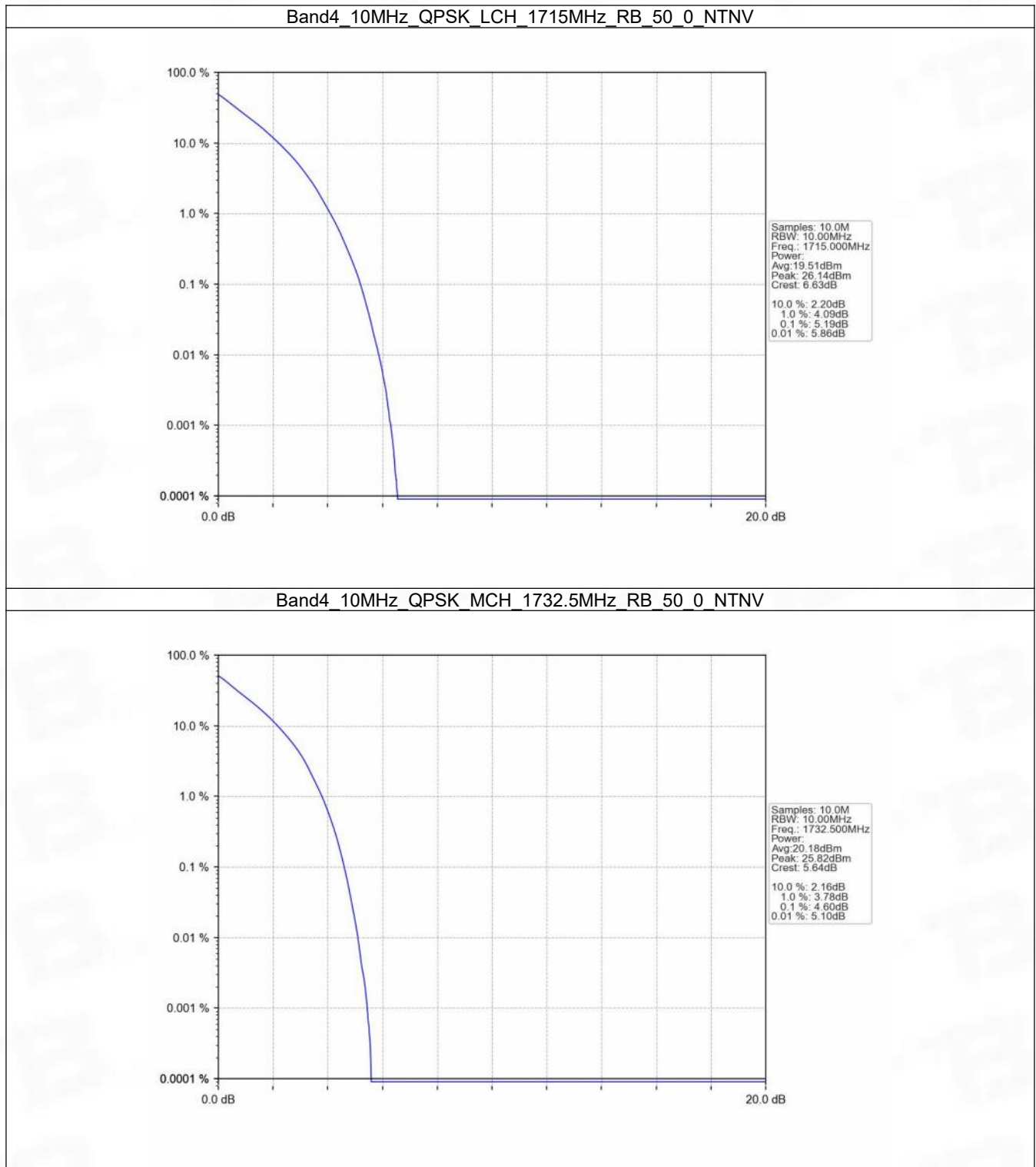
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



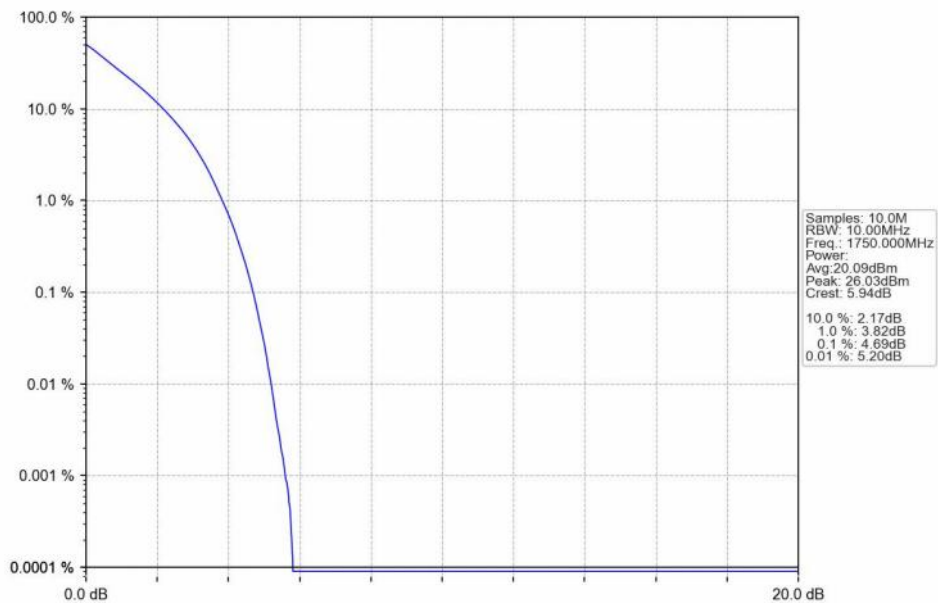
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



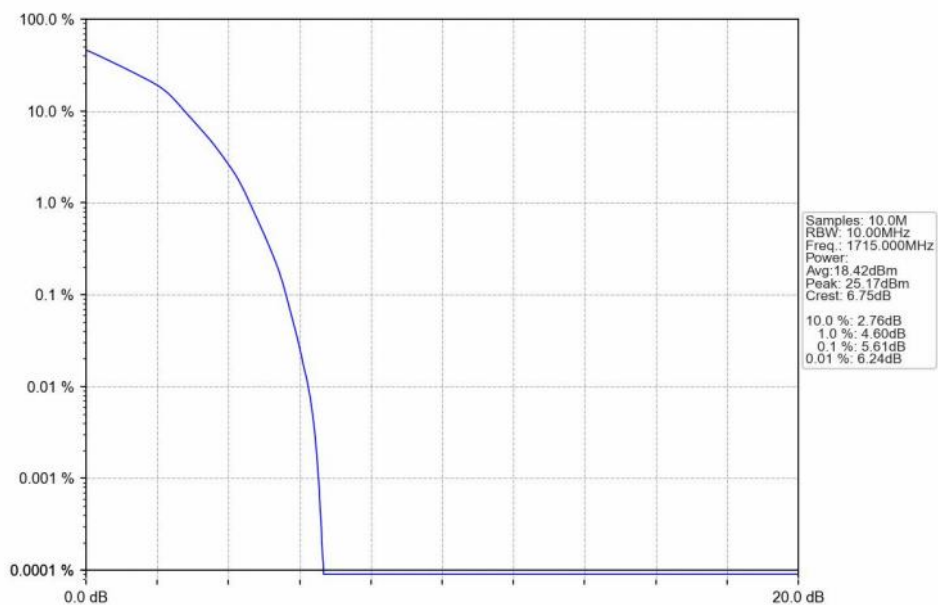
5.2.4 B4_10MHz



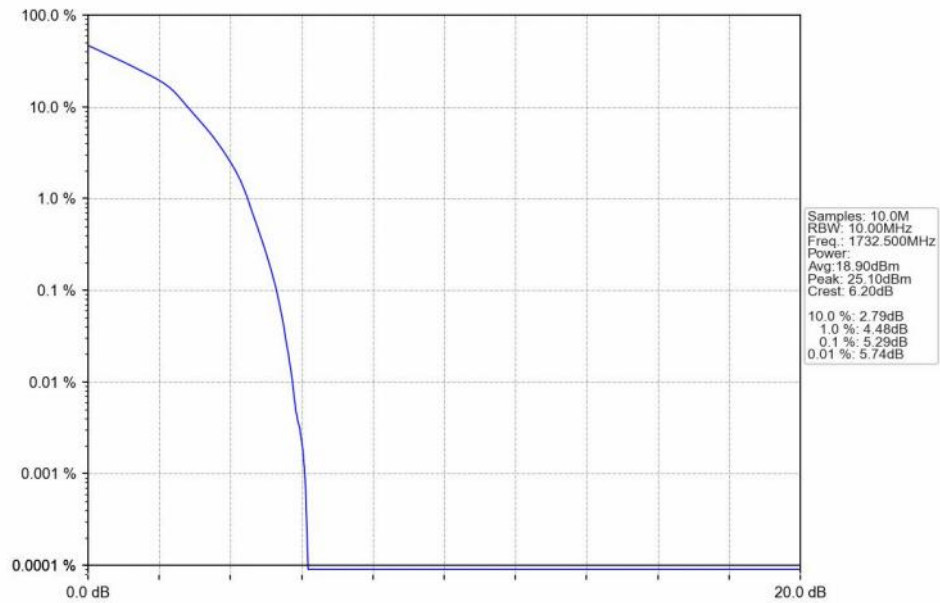
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



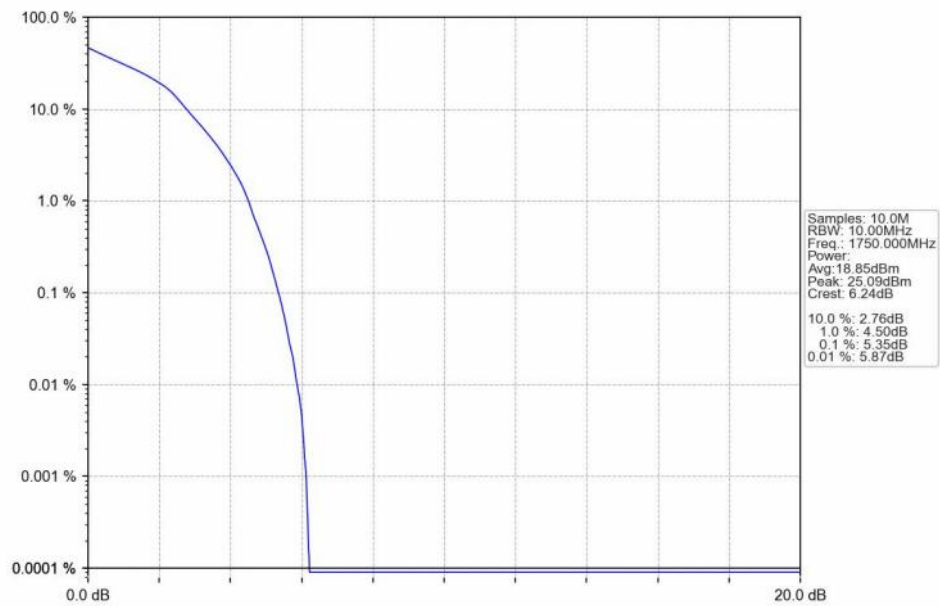
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



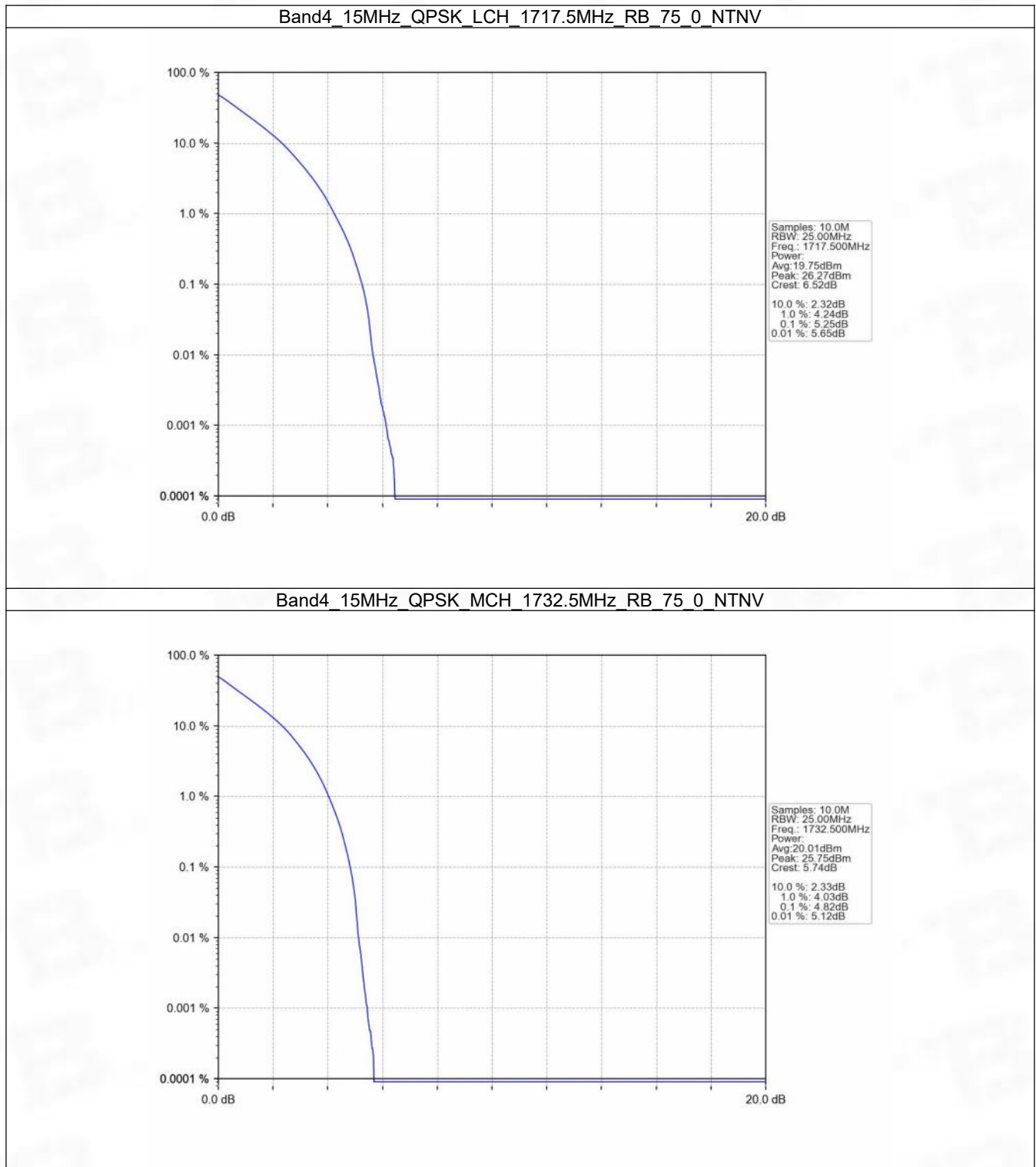
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



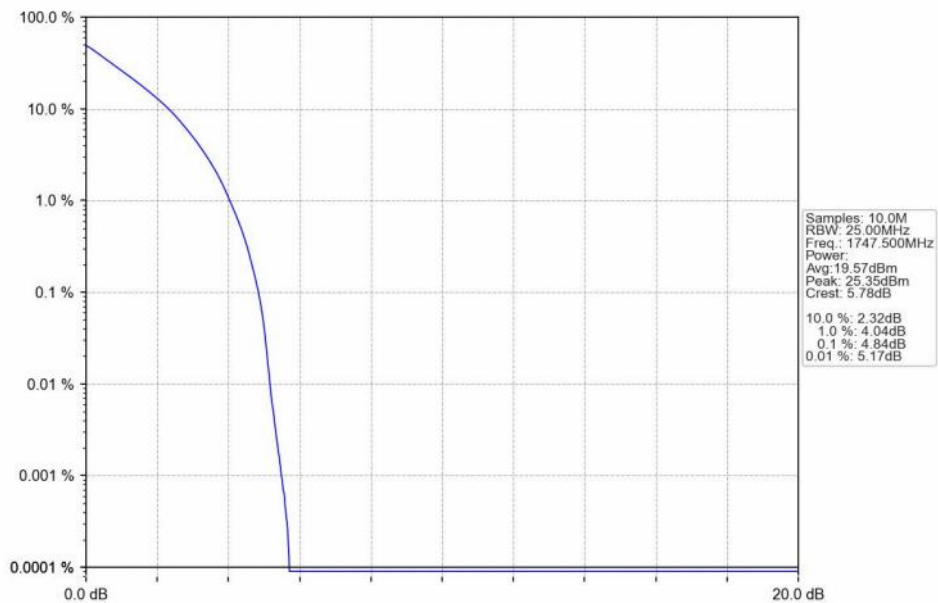
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



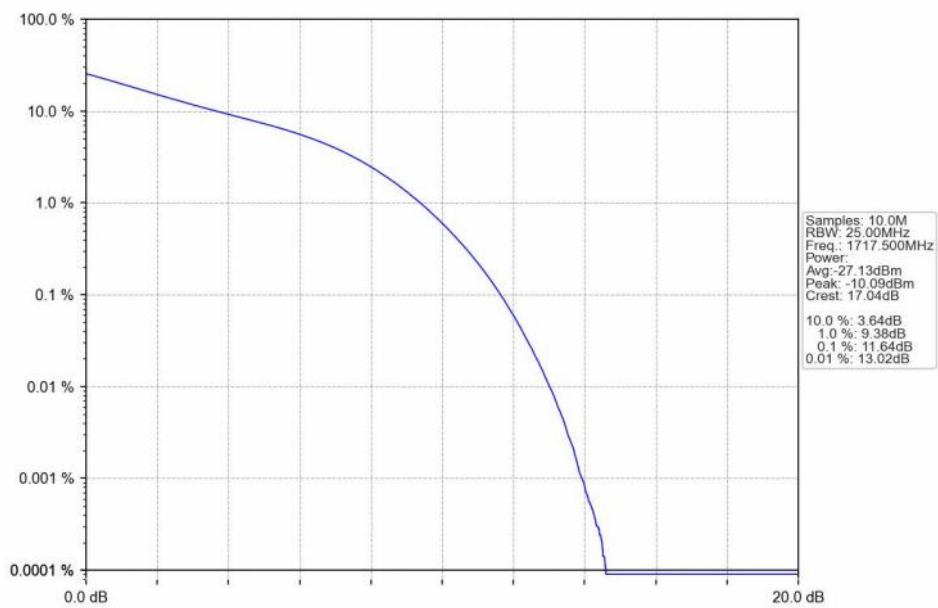
5.2.5 B4_15MHz



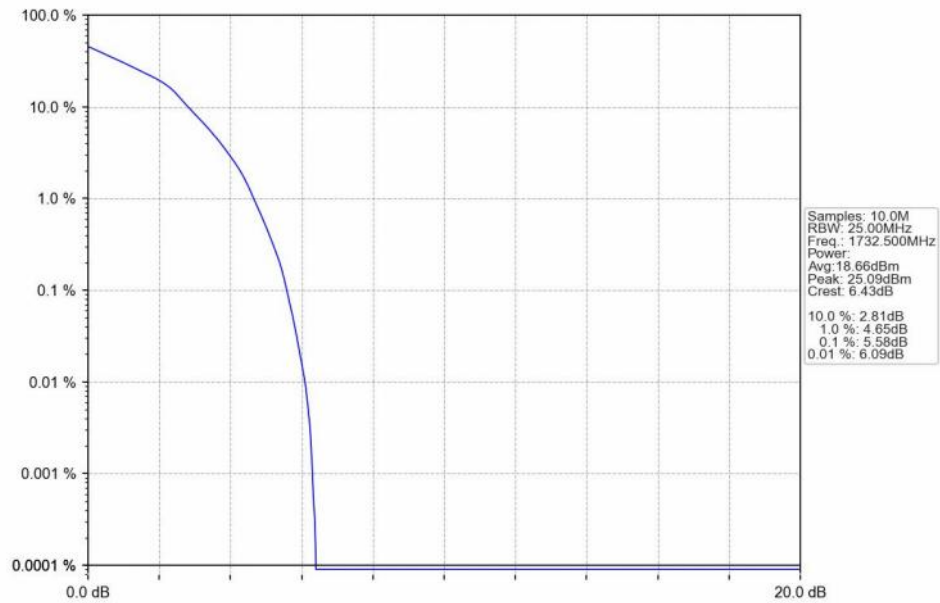
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



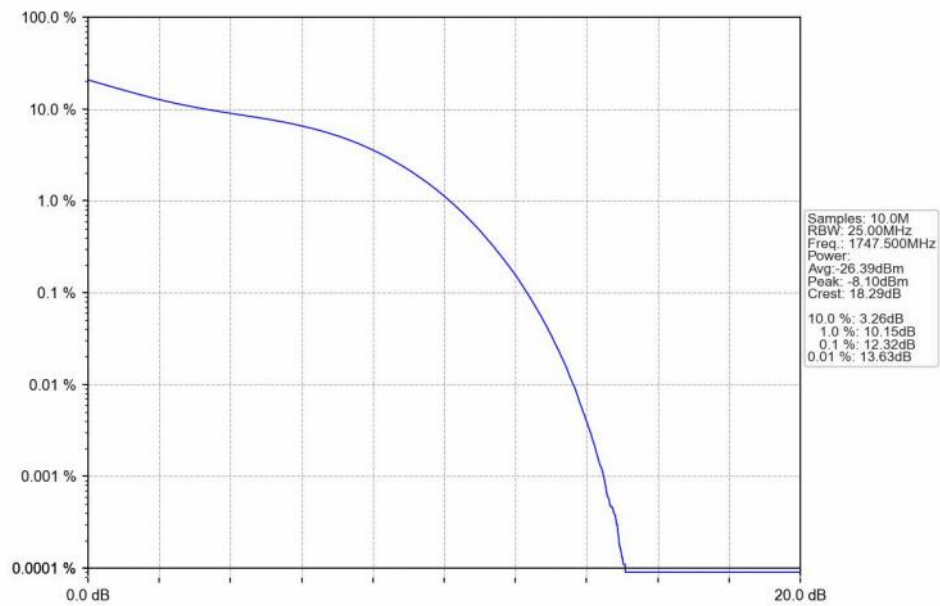
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



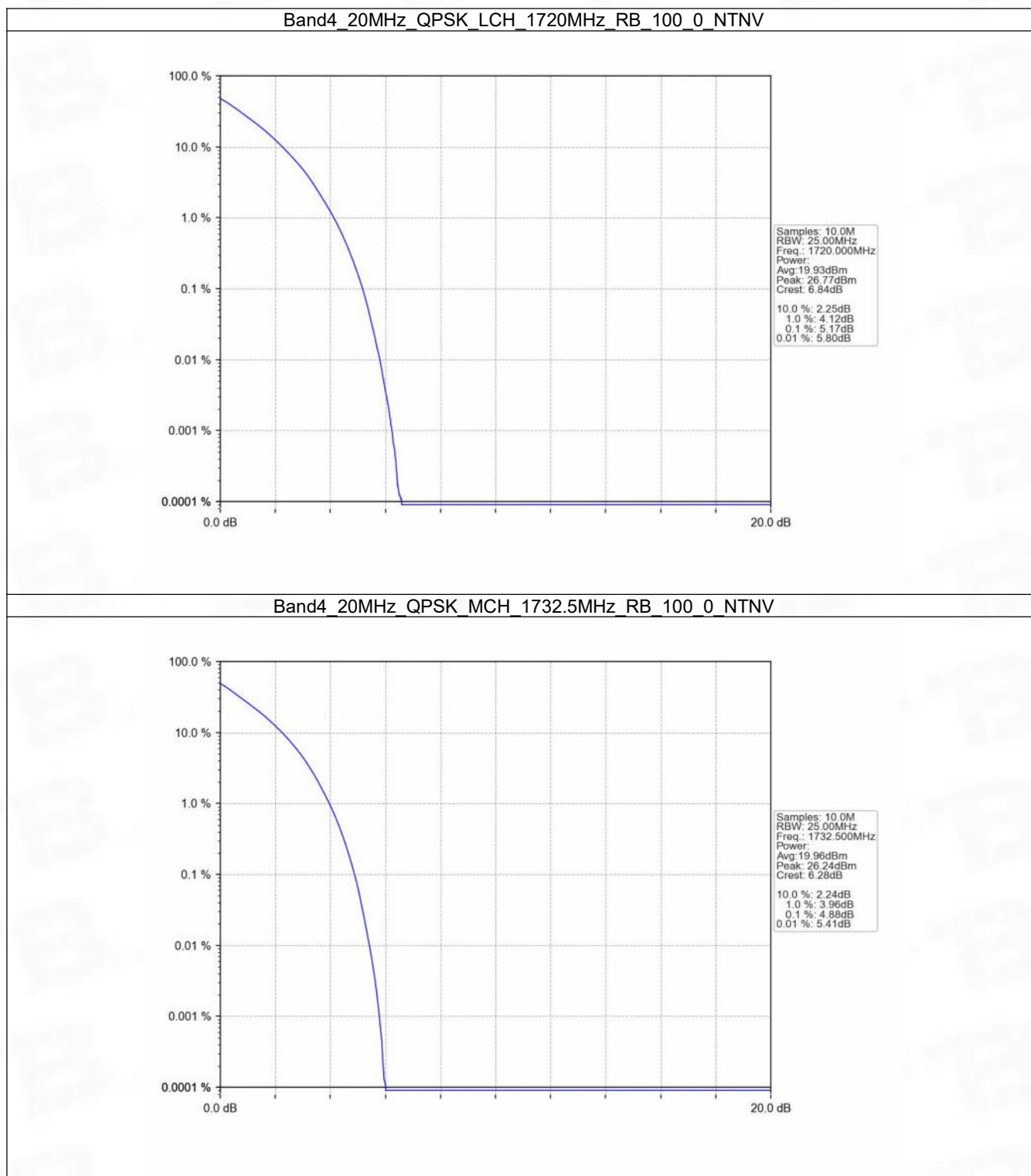
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



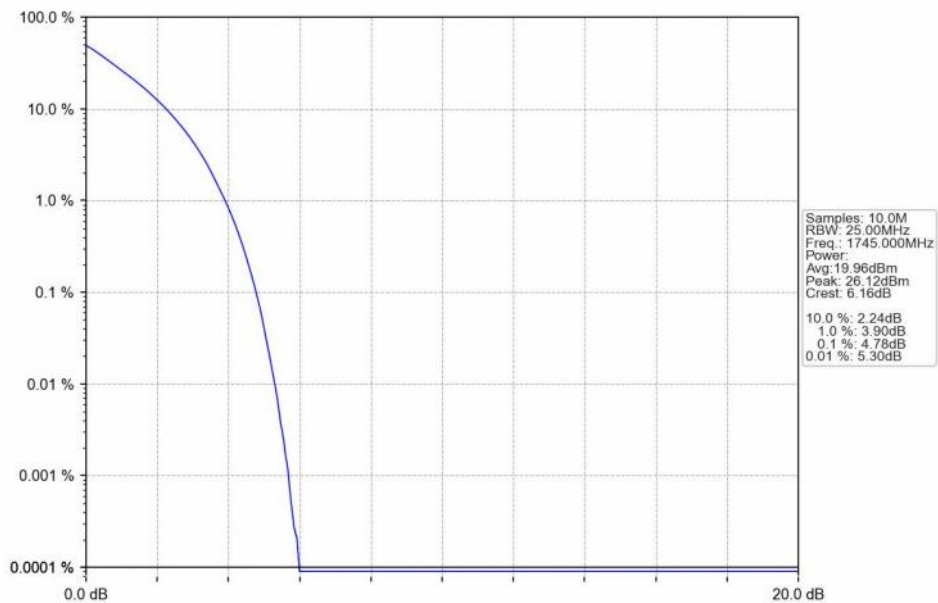
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



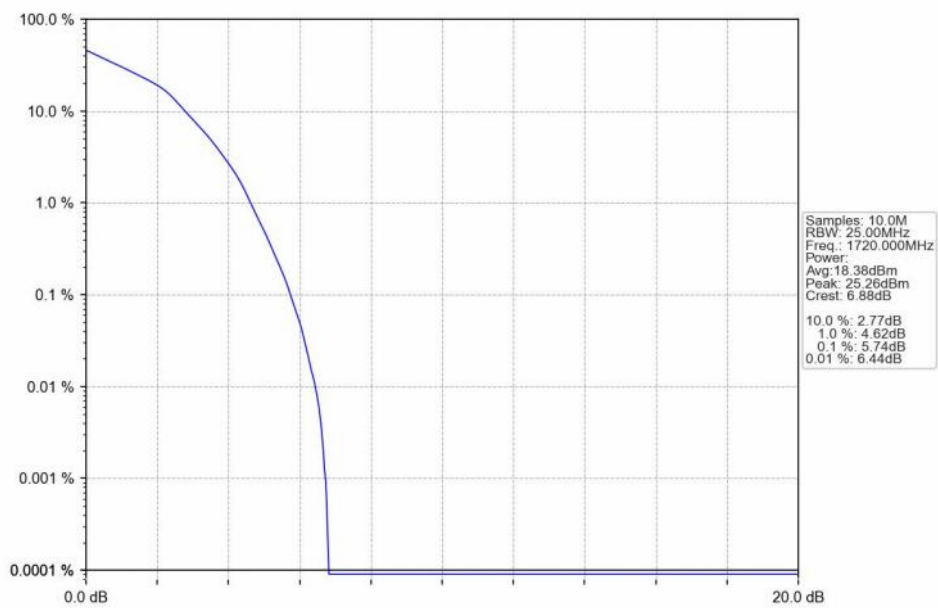
5.2.6 B4_20MHz



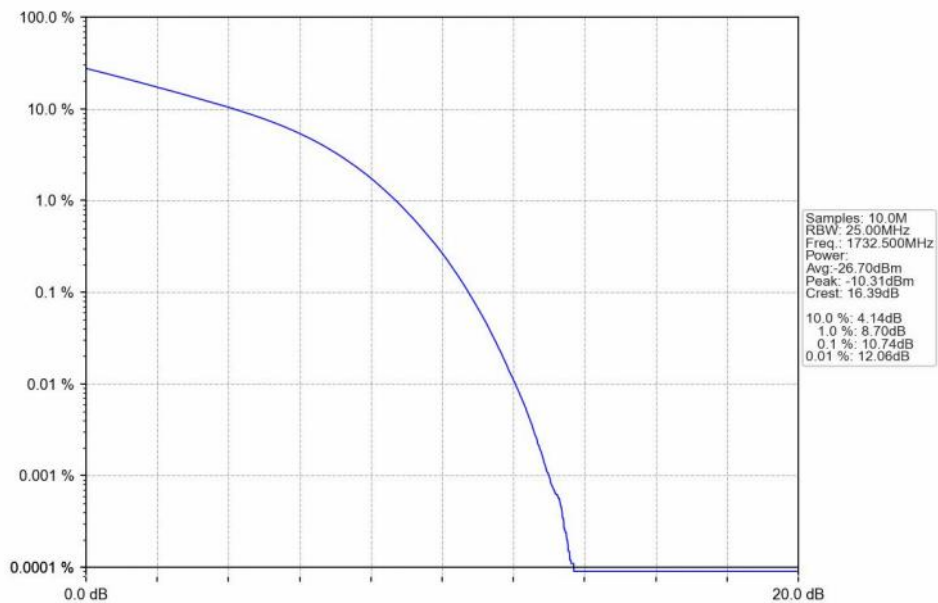
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



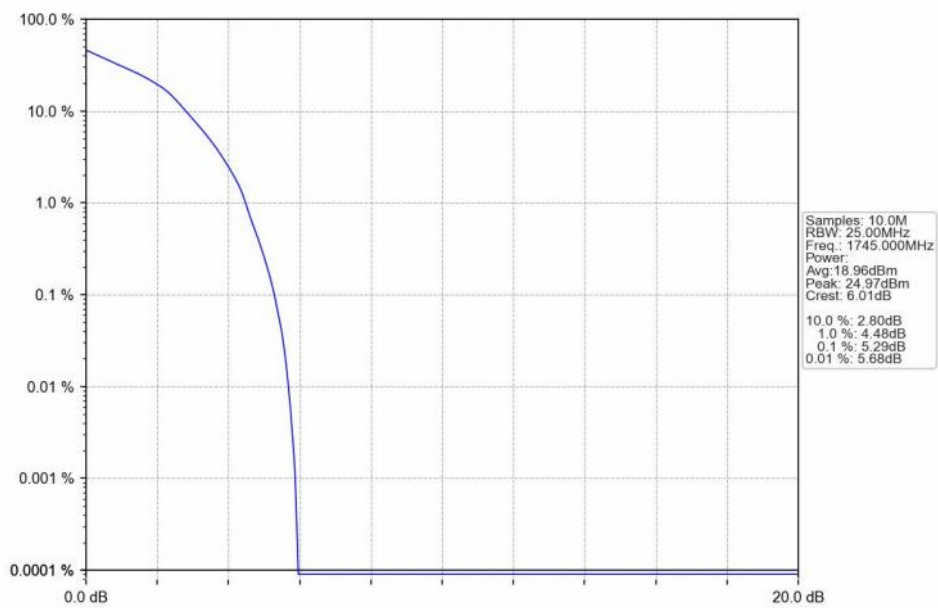
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



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		Pass
	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	
		1750	1	0	Refer To Test Graph		Pass
				49	Refer To Test Graph		Pass

6.1.5 B4_15MHz

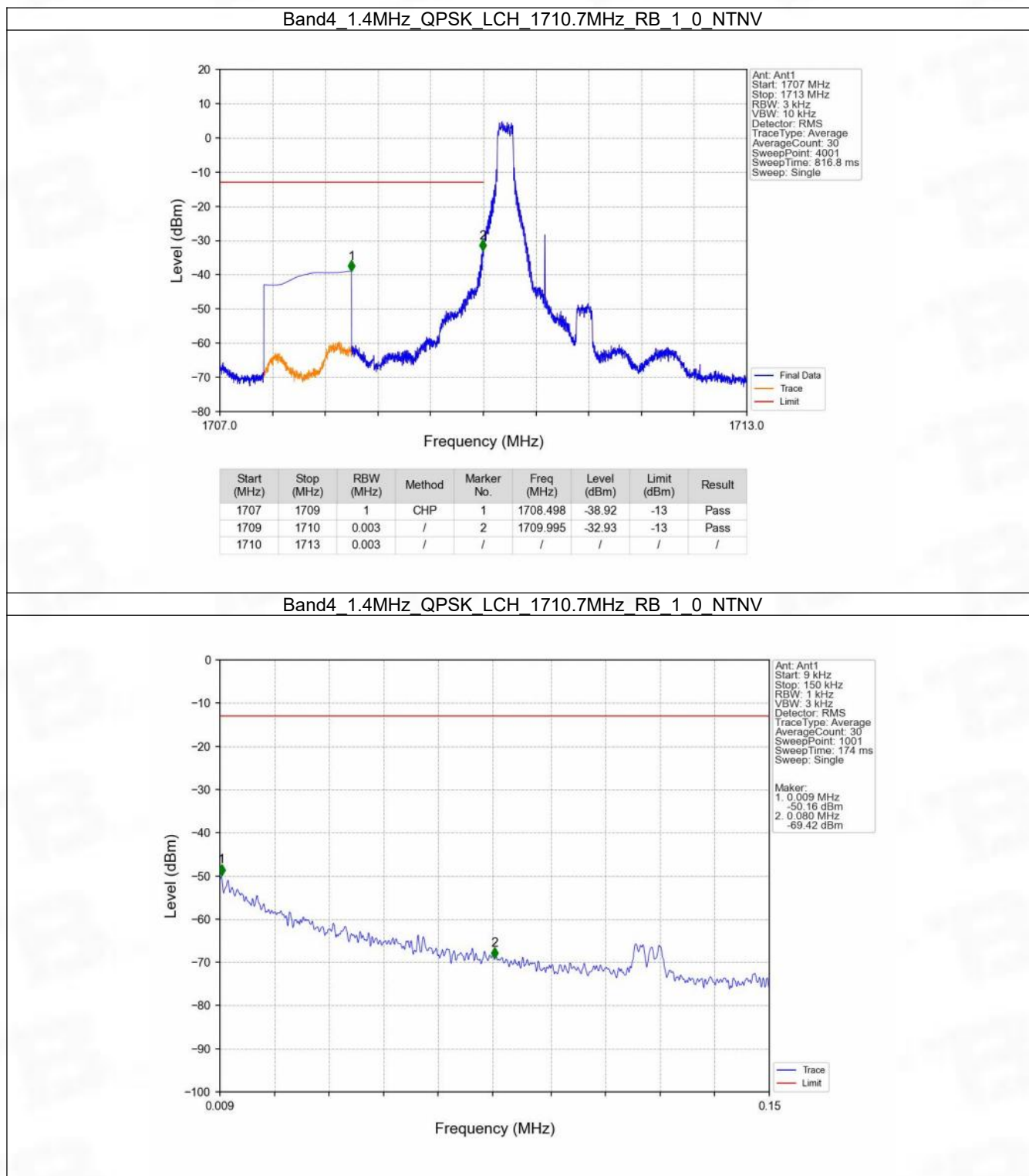
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

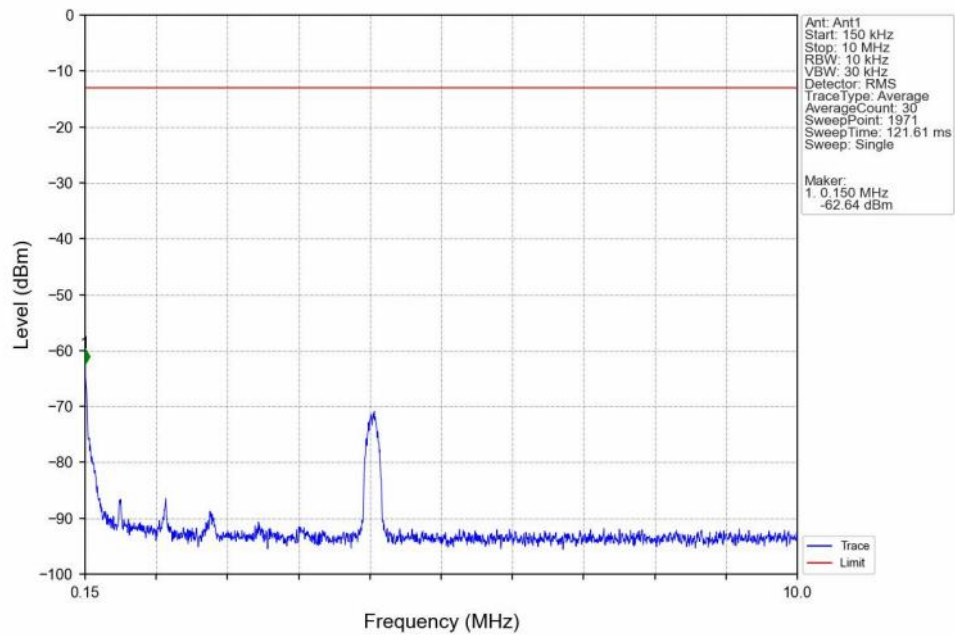
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

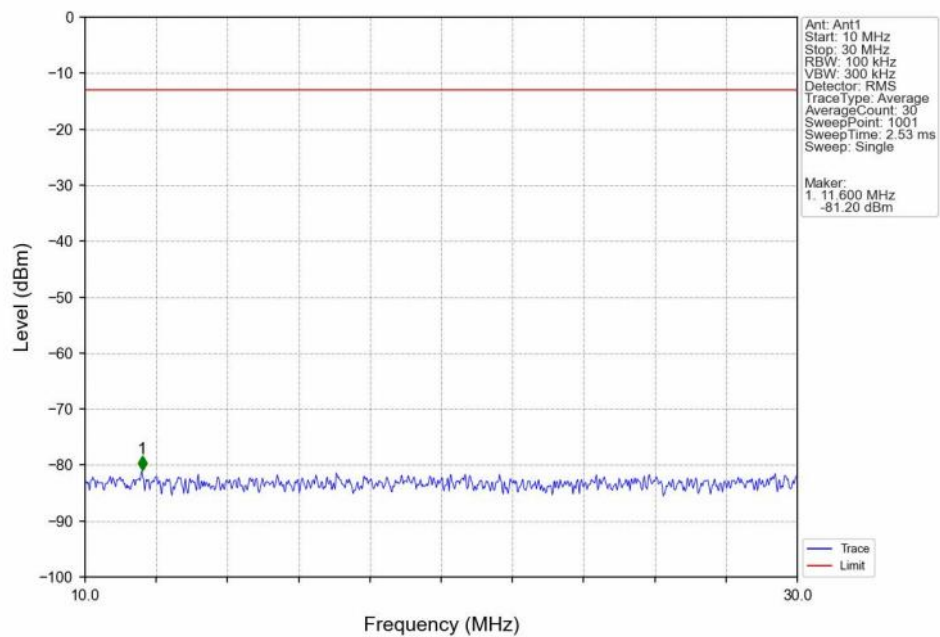
6.2.1 B4_1.4MHz



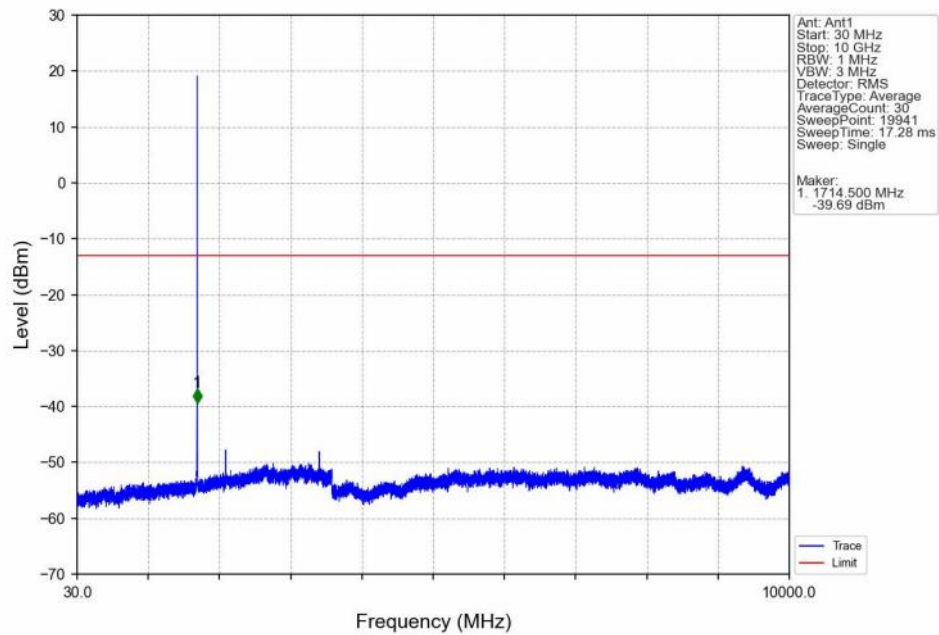
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



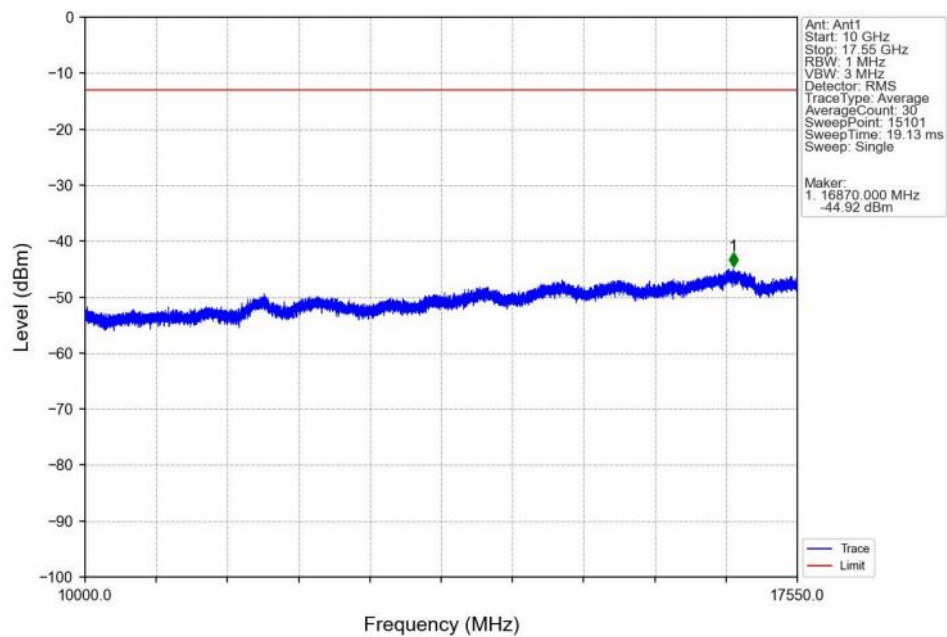
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



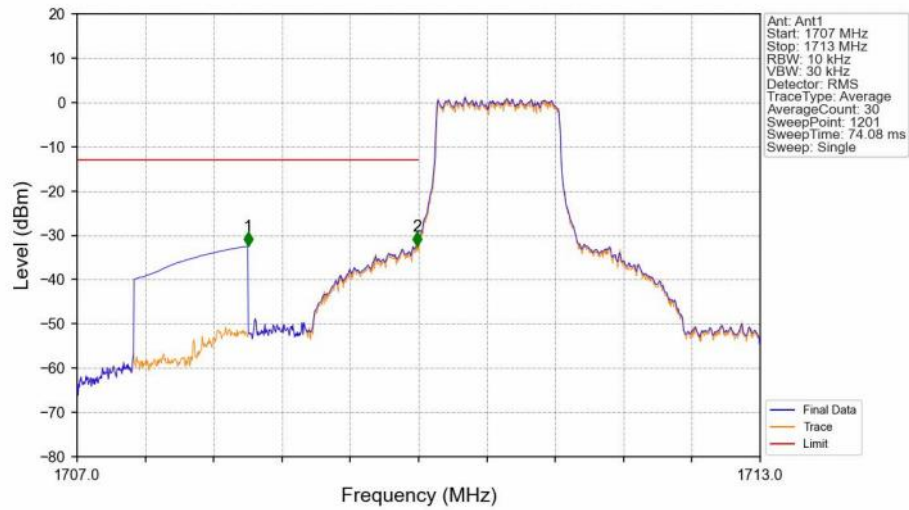
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



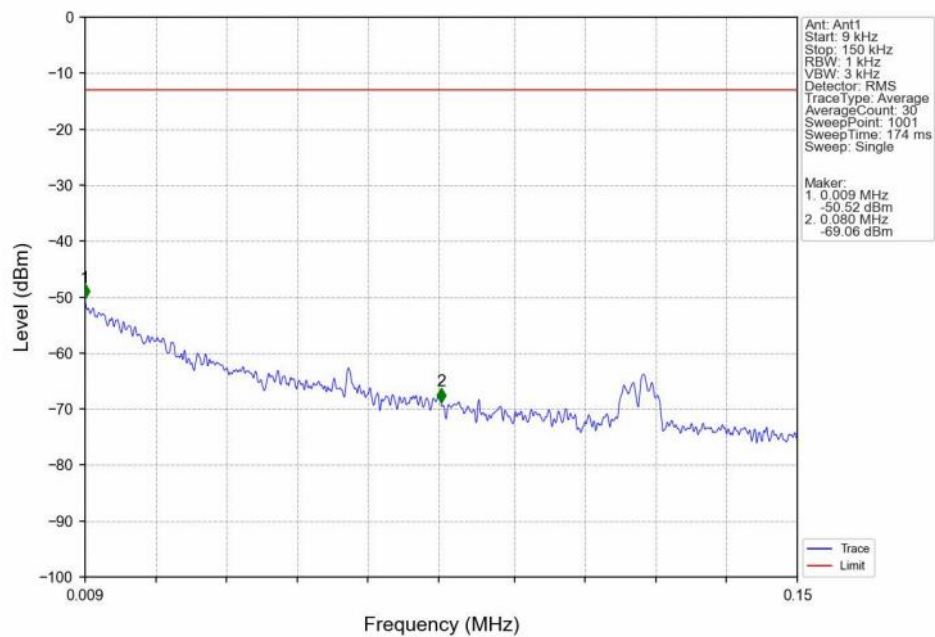
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



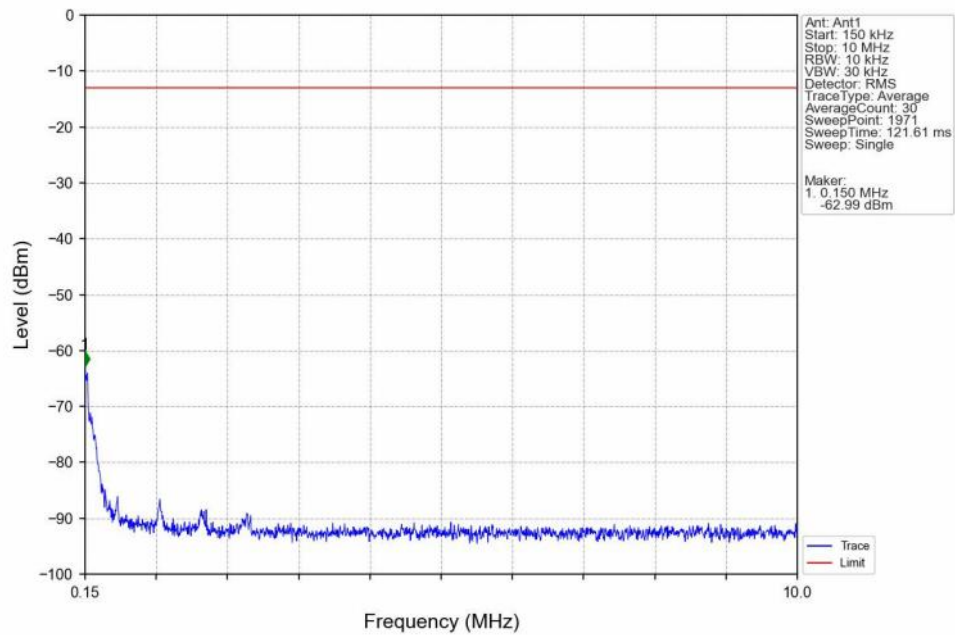
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



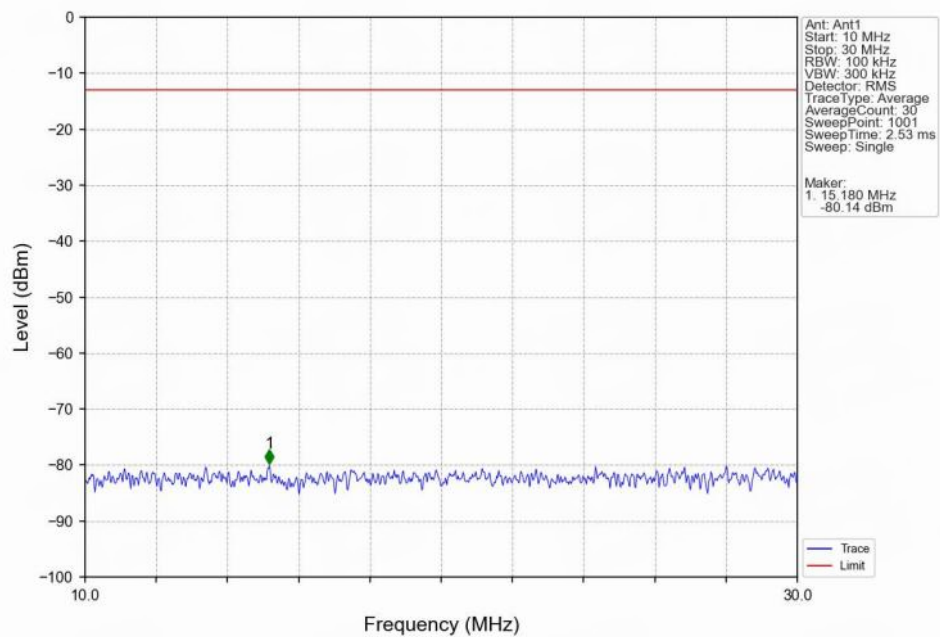
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



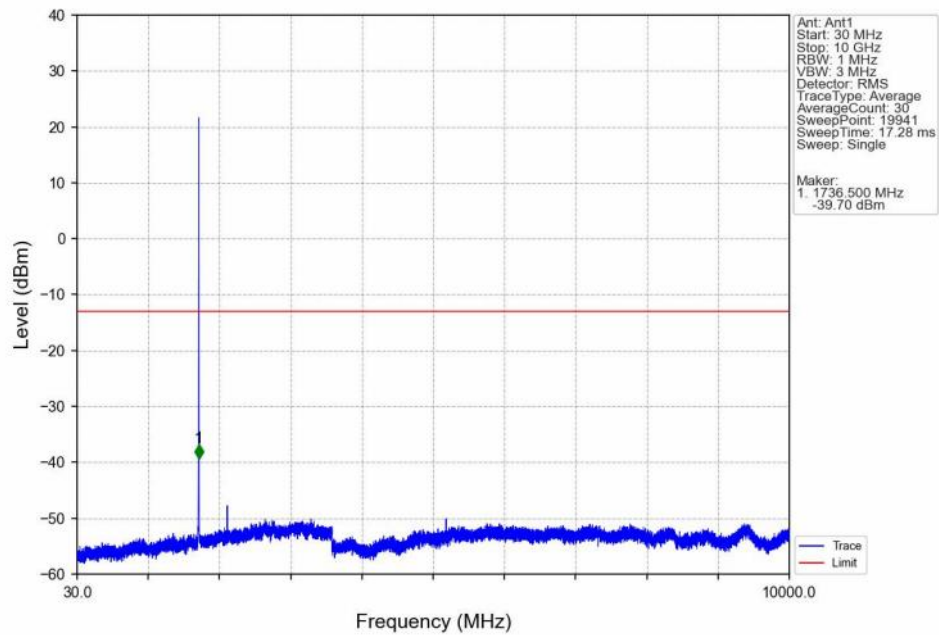
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



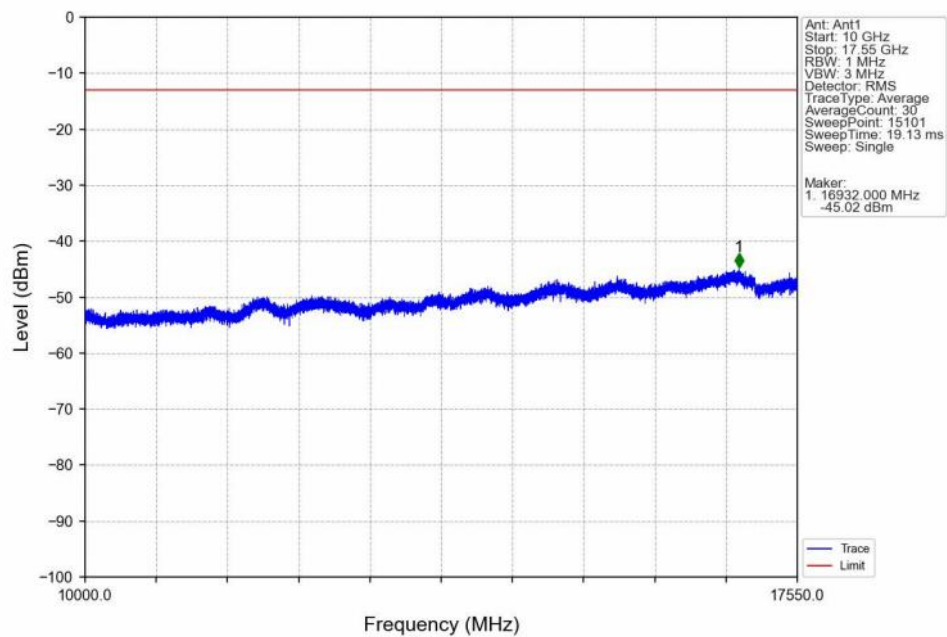
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



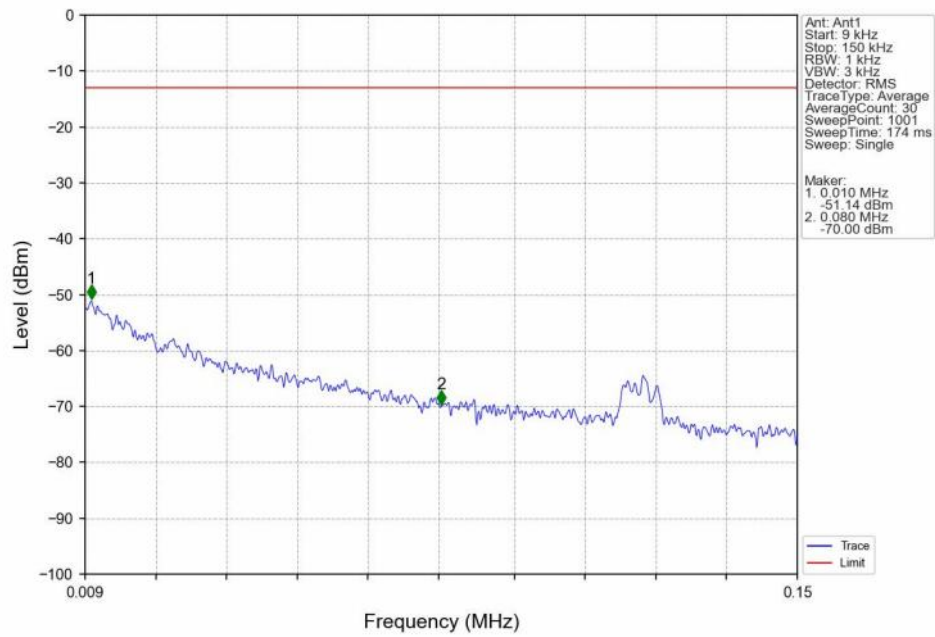
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



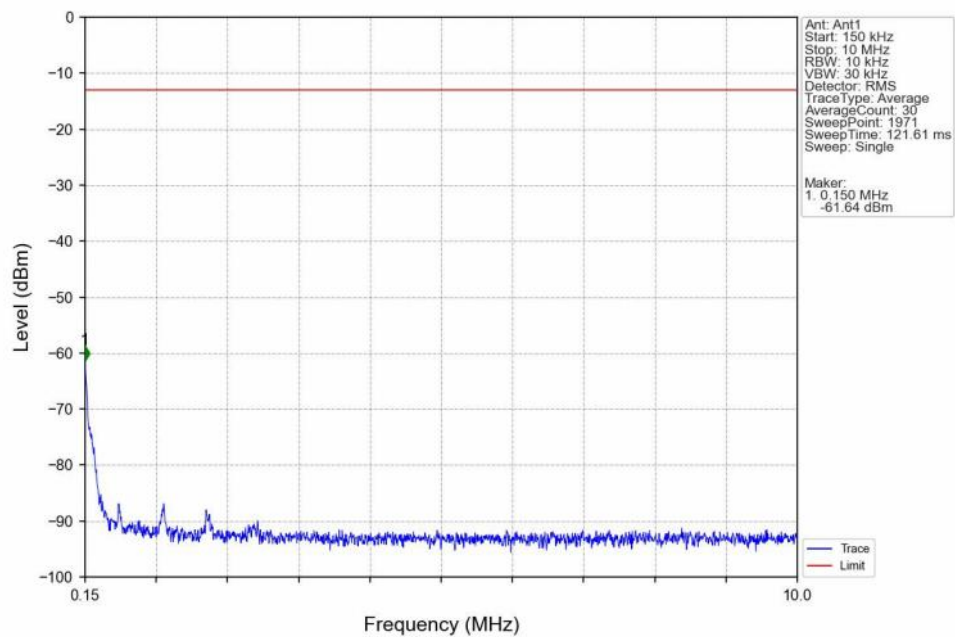
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



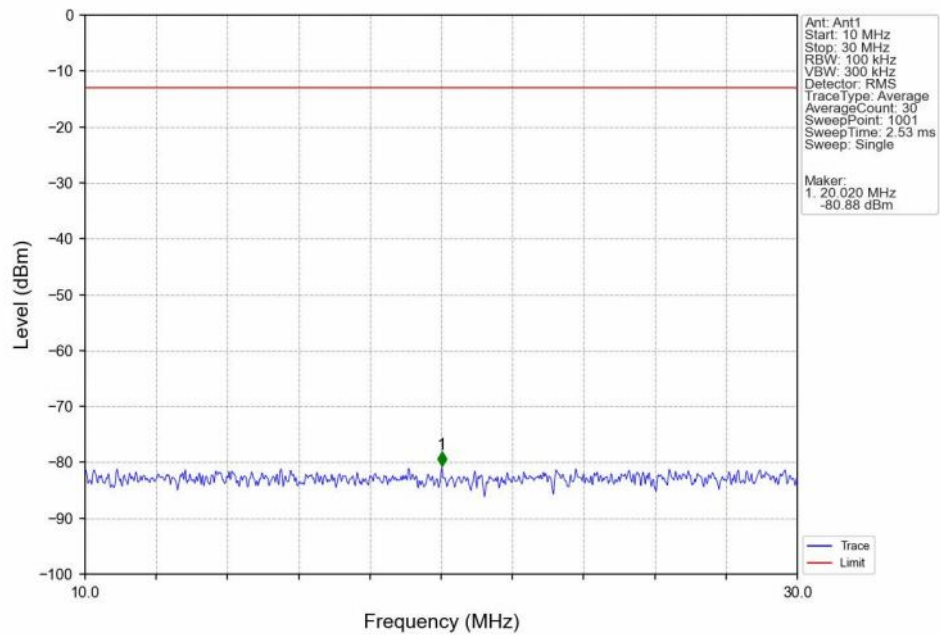
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



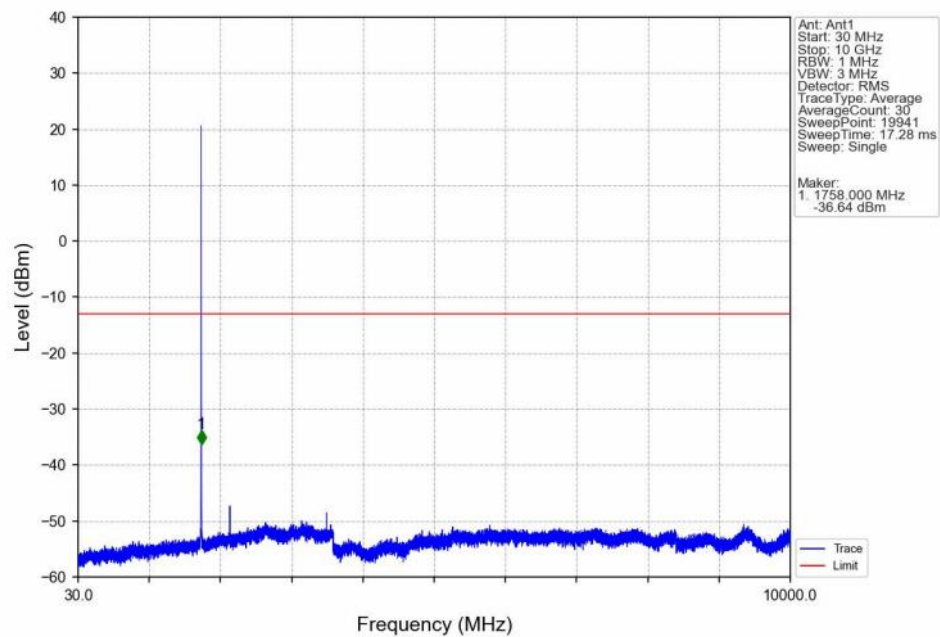
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



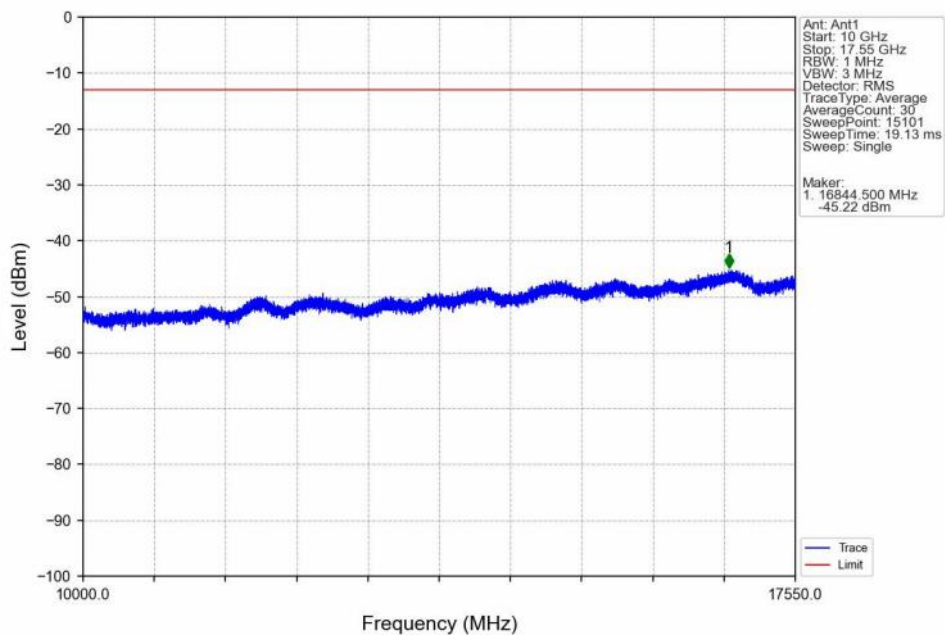
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



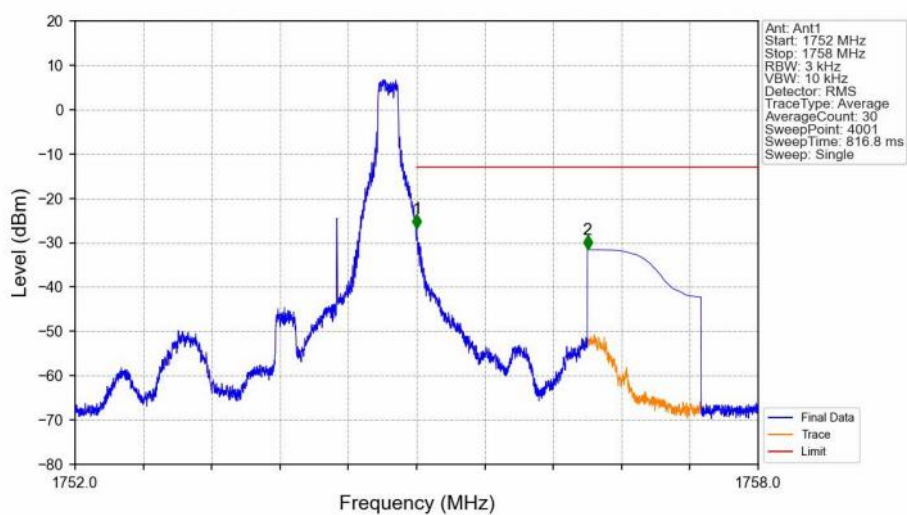
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

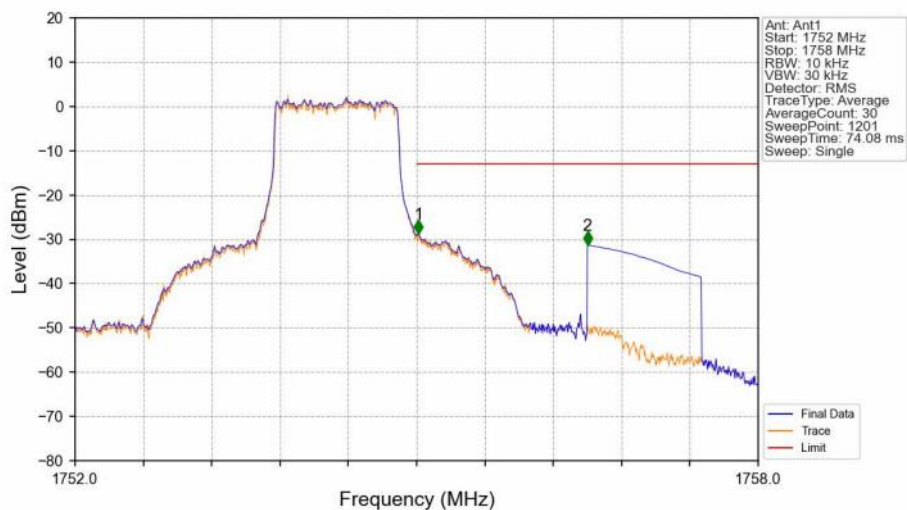


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



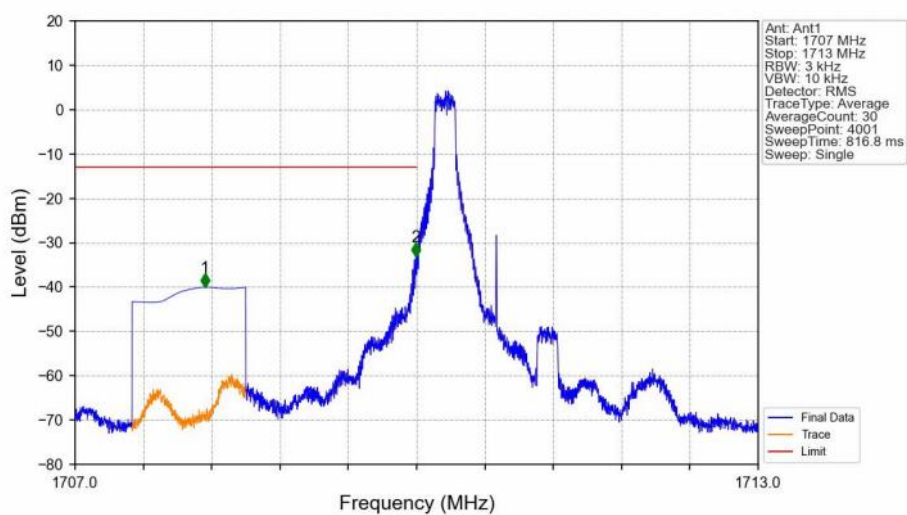
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-26.83	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.54	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



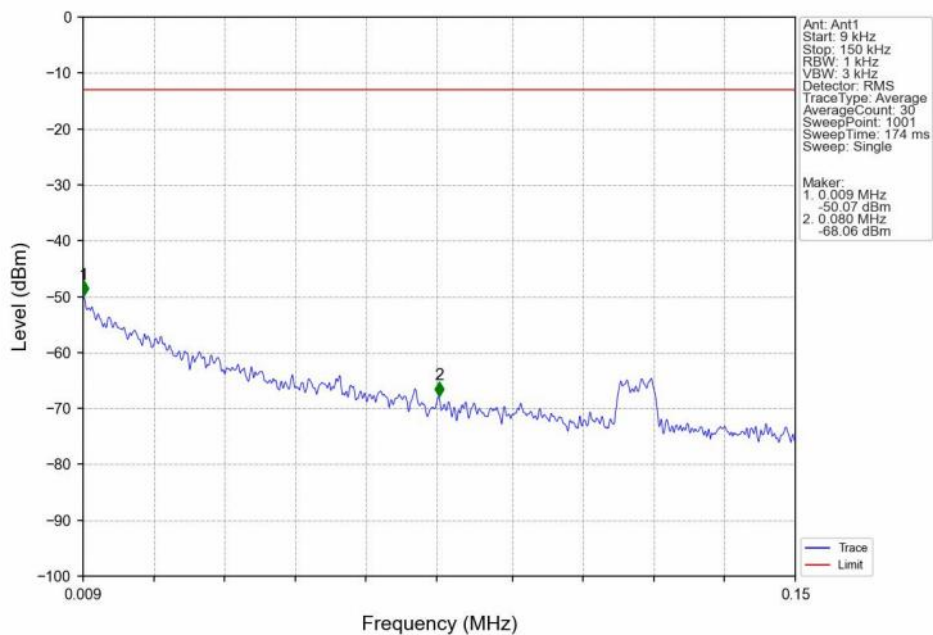
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.015	-28.81	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.29	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

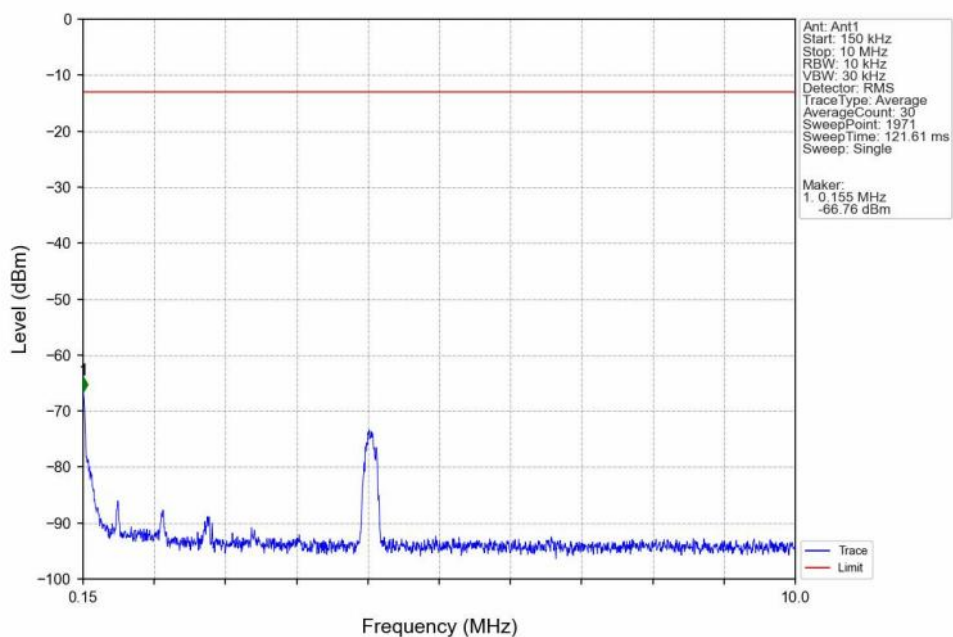


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.139	-40.07	-13	Pass
1709	1710	0.003	/	2	1709.994	-33.13	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

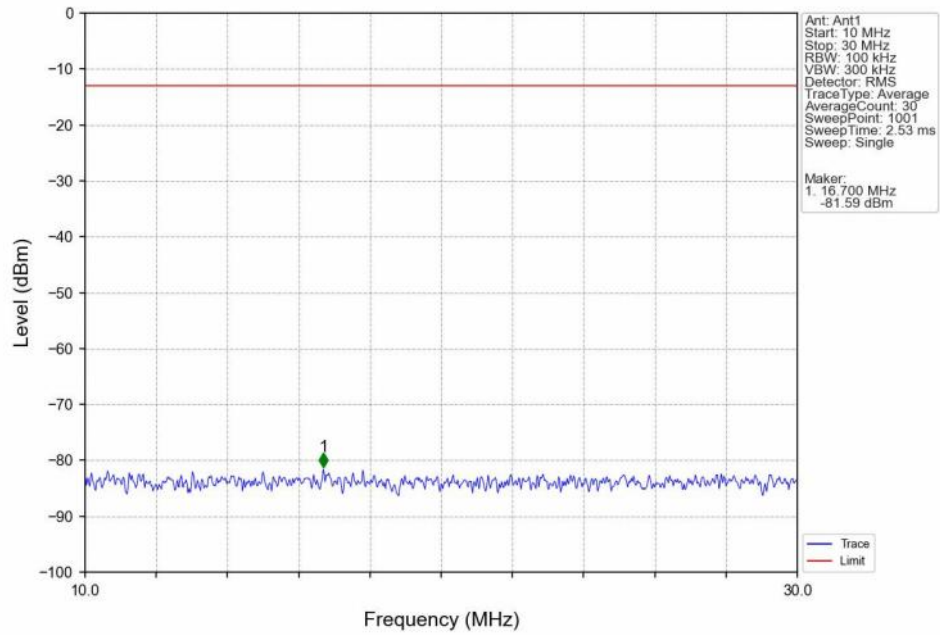
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



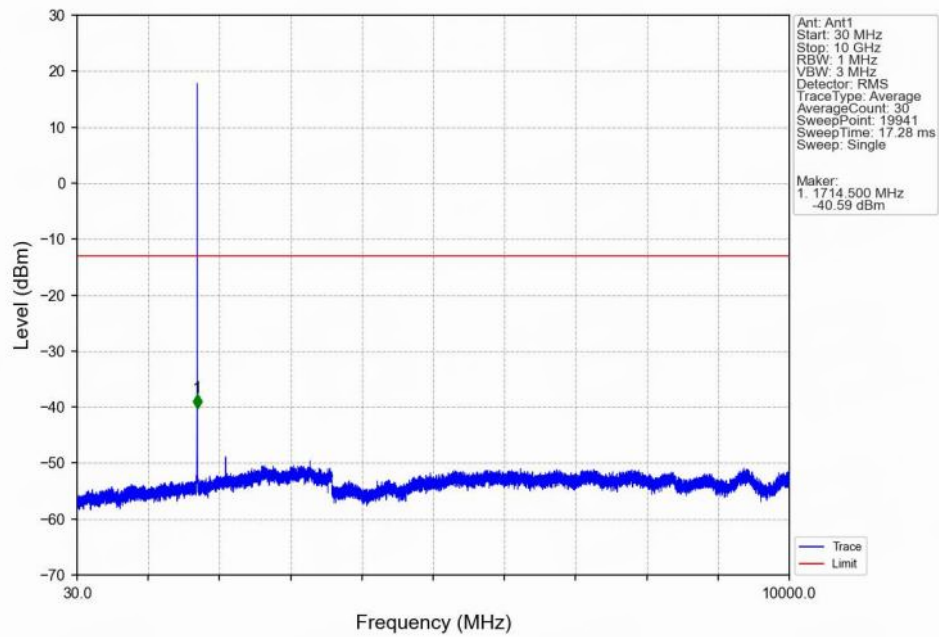
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



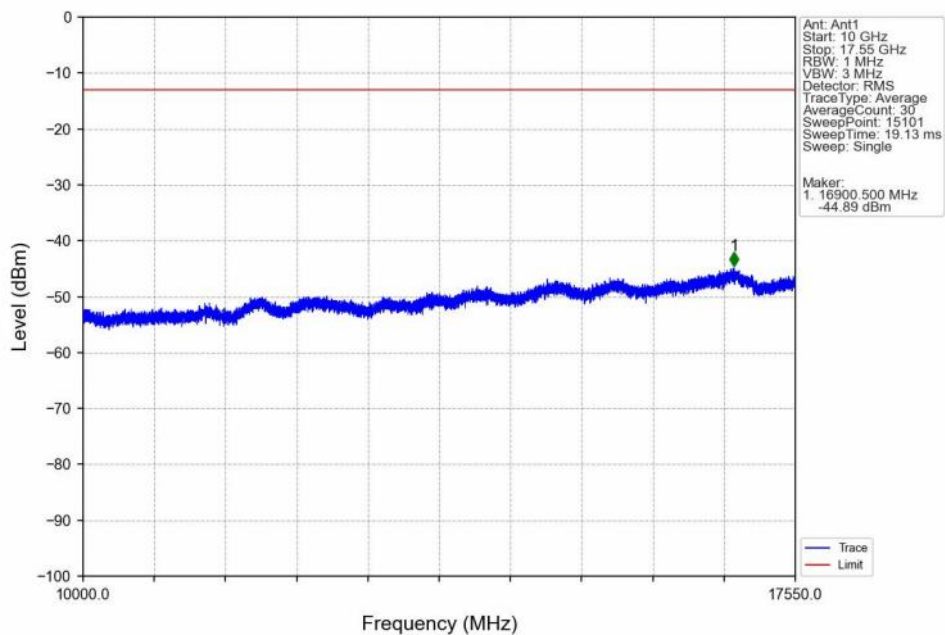
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



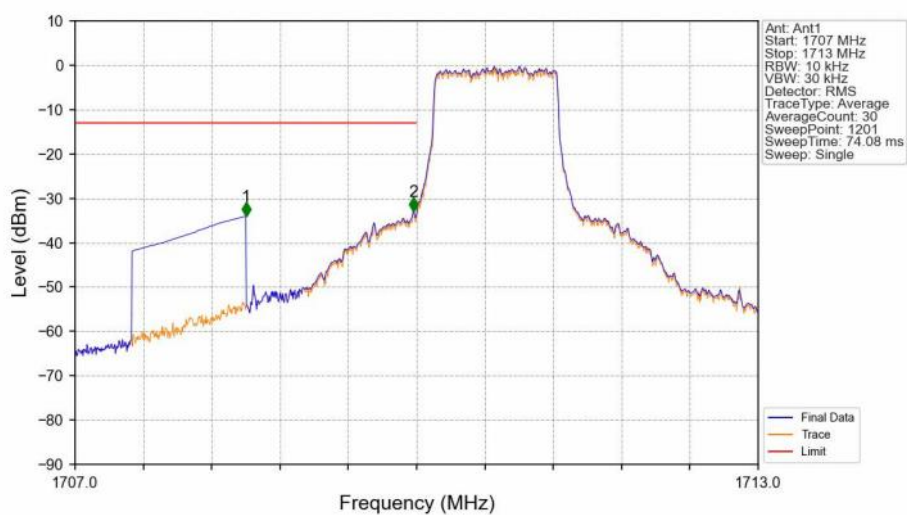
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

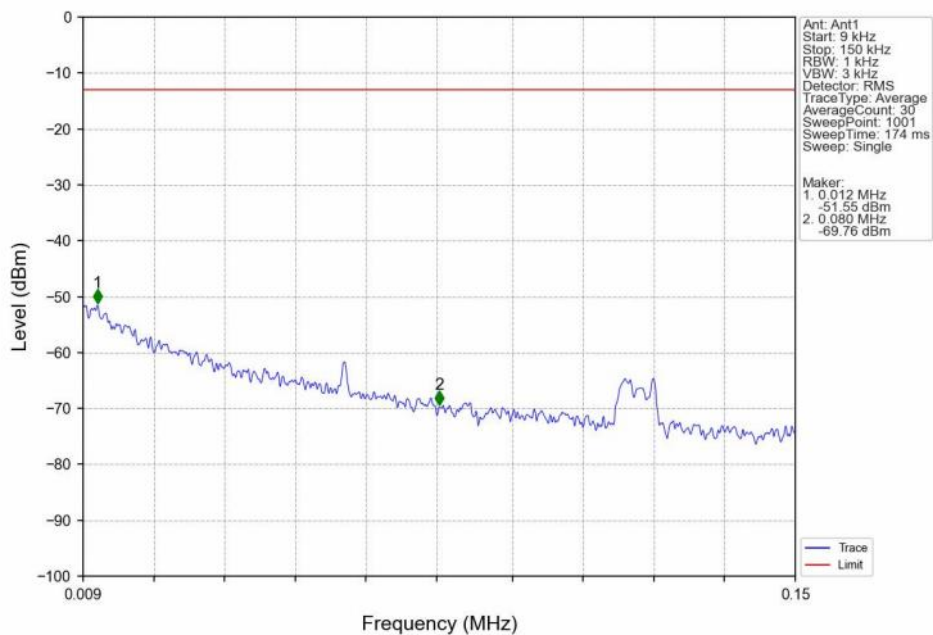


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

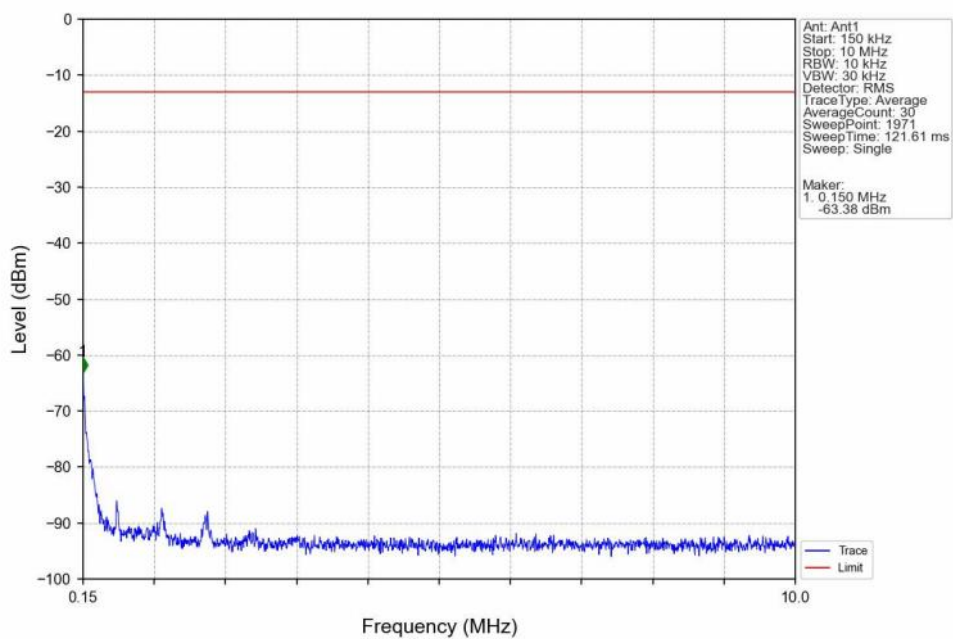


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-34.03	-13	Pass
1709	1710	0.013	CHP	2	1709.970	-32.97	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

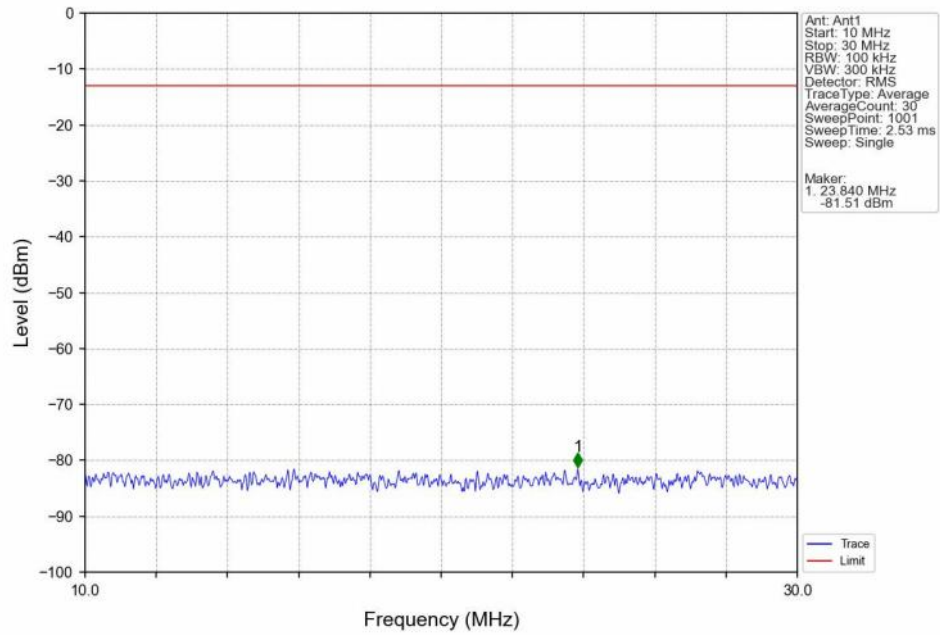
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



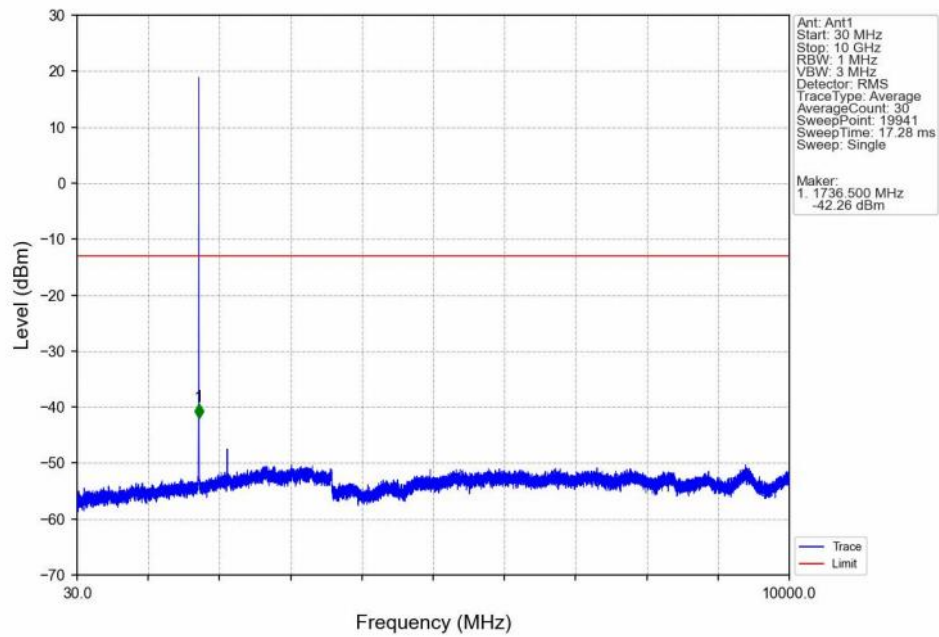
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



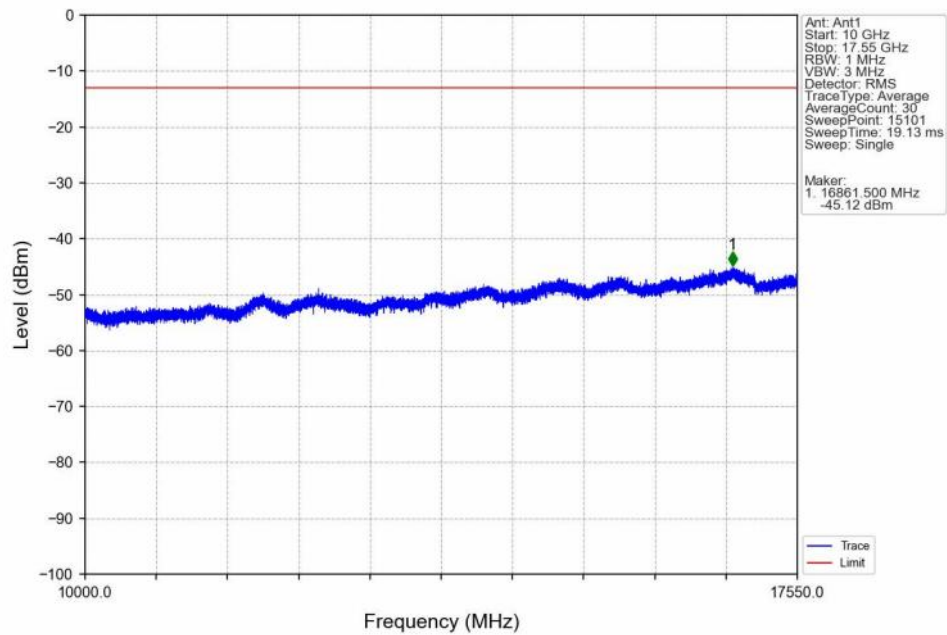
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



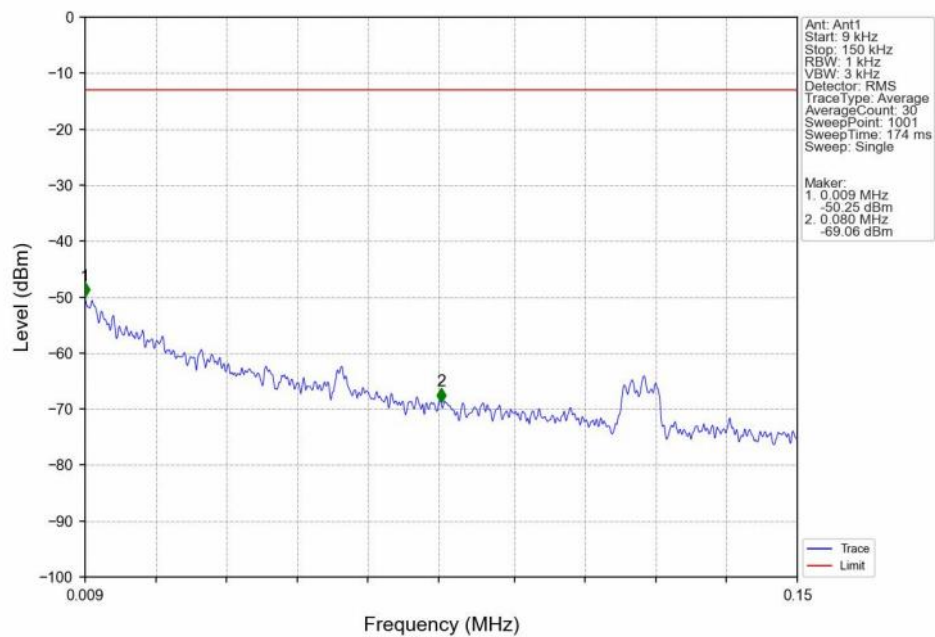
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



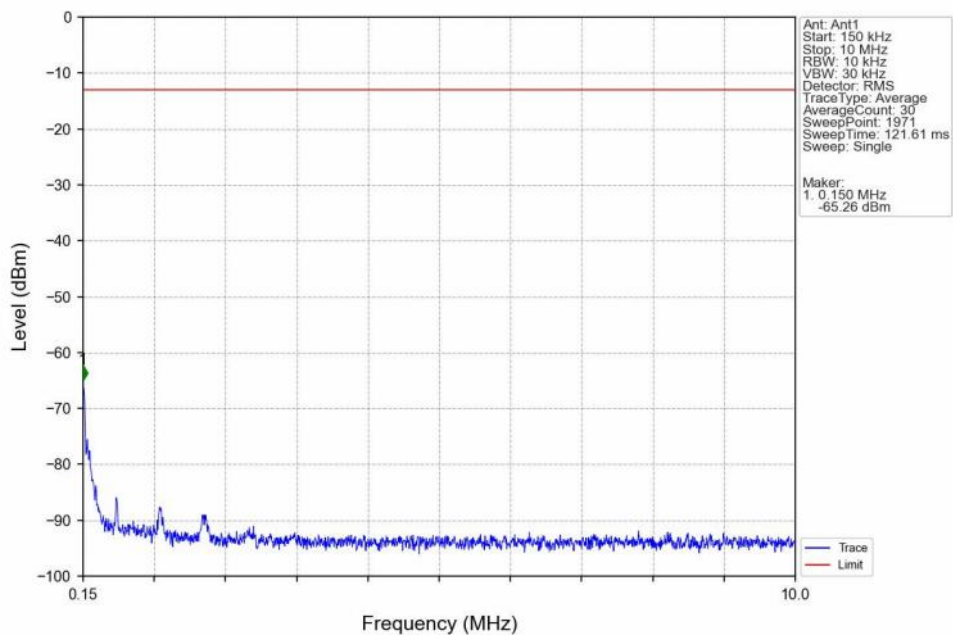
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



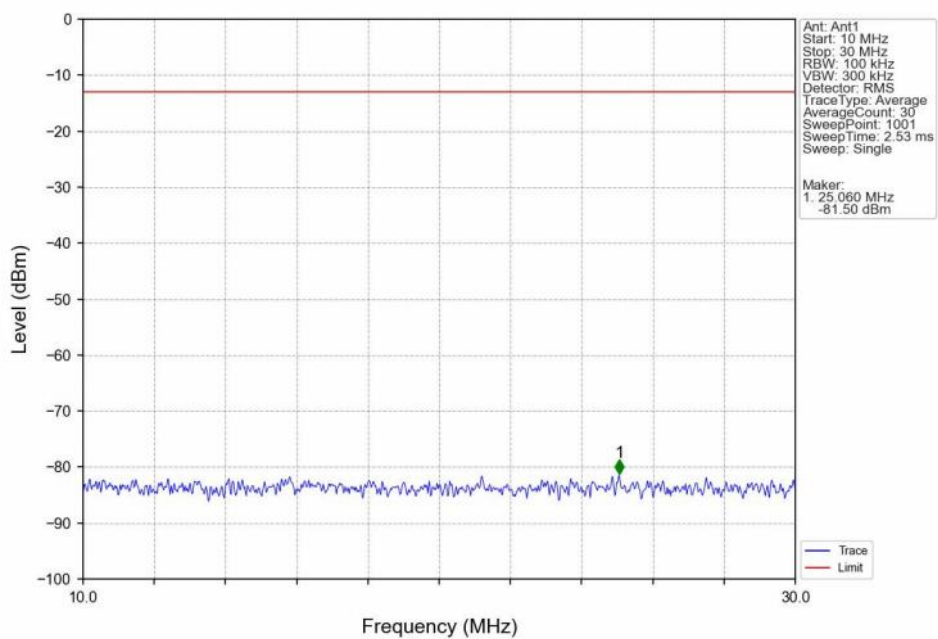
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



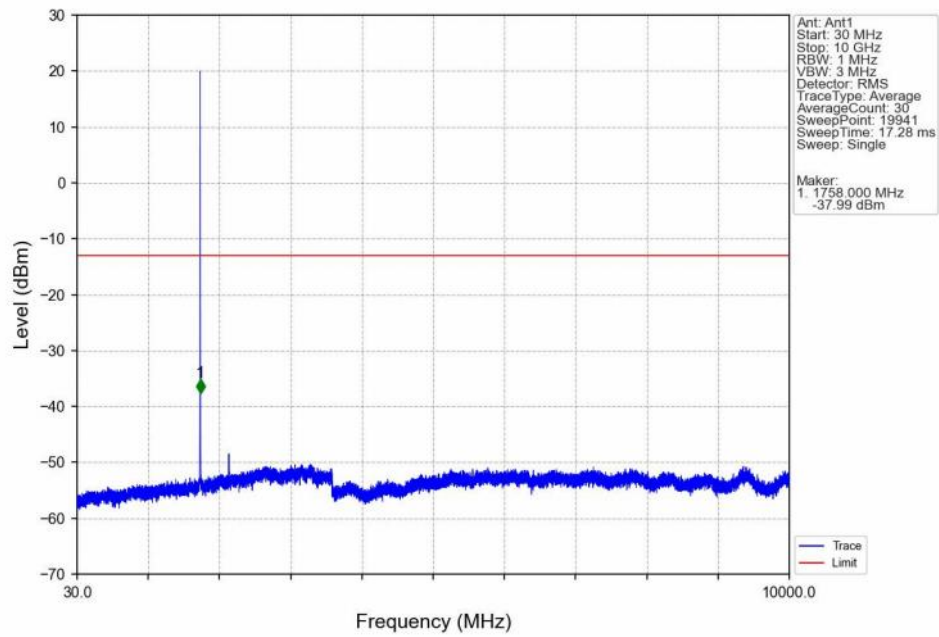
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



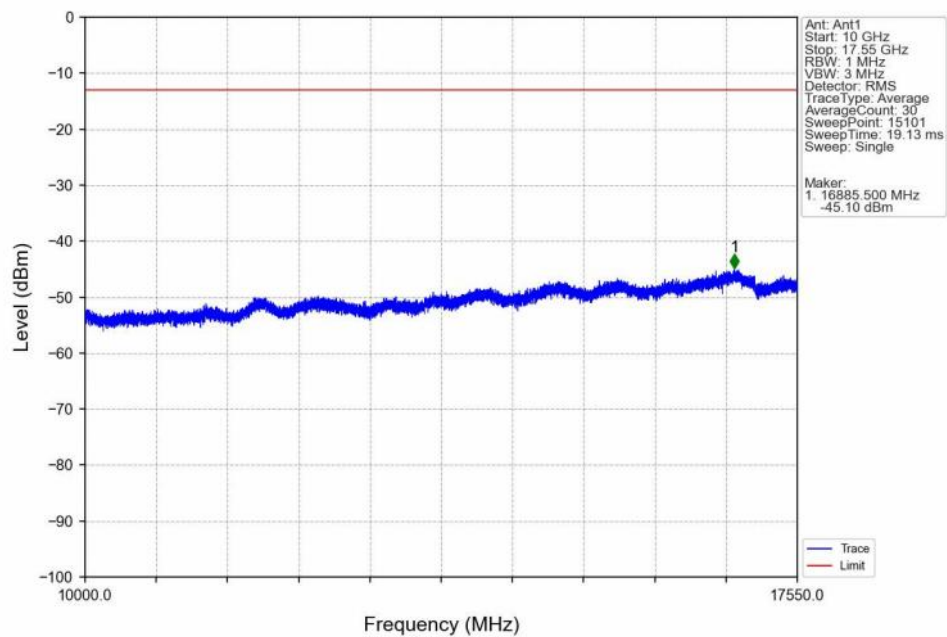
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



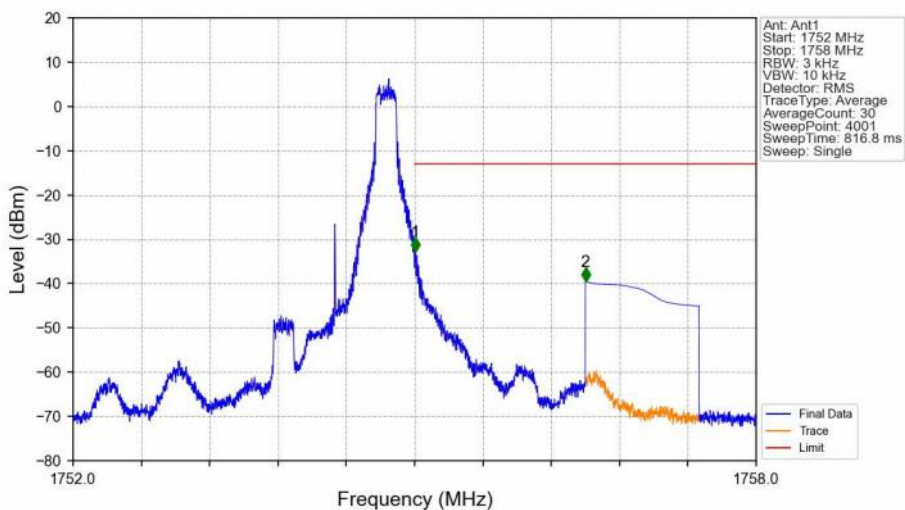
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

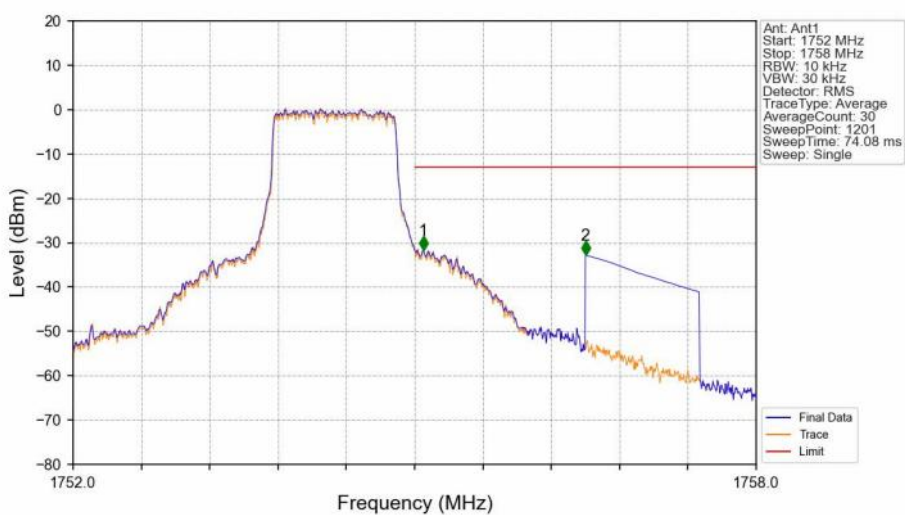


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.006	-32.84	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.43	-13	Pass

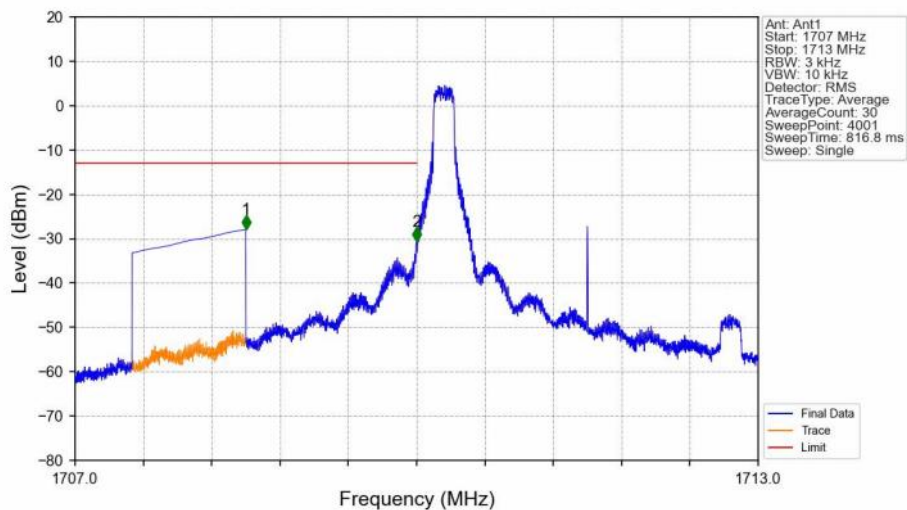
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



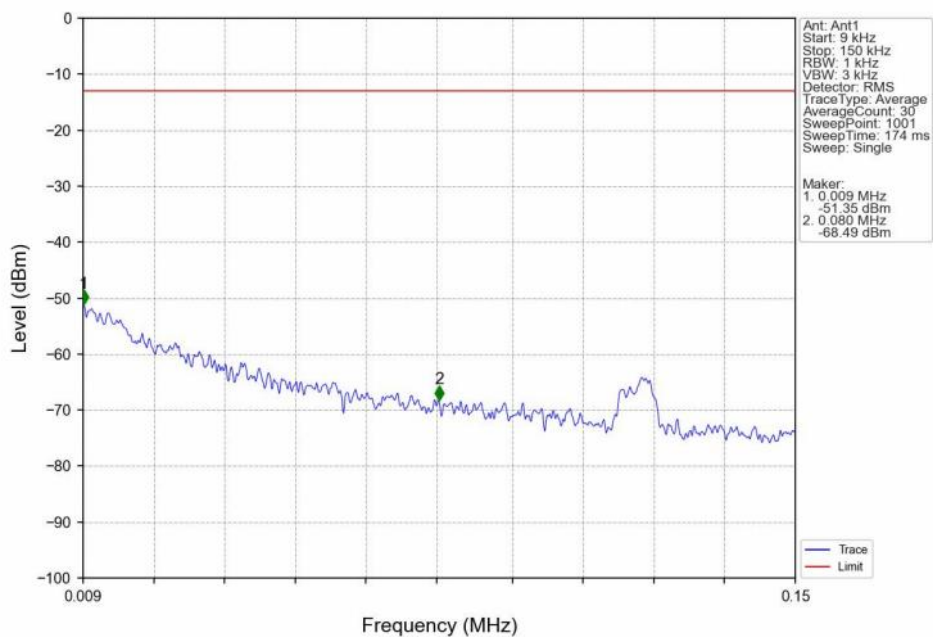
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.075	-31.67	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.85	-13	Pass

6.2.2 B4_3MHz

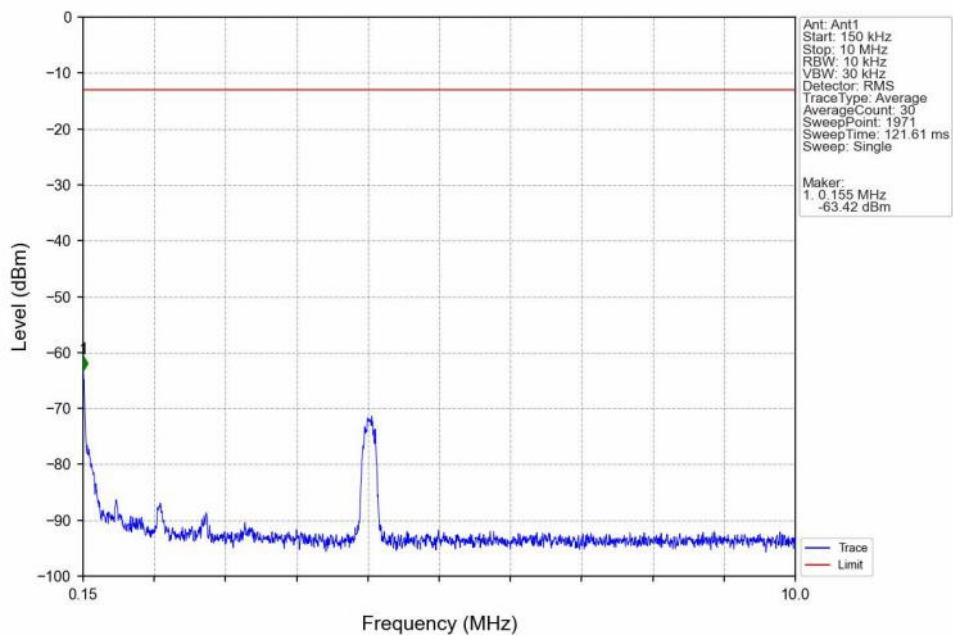
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



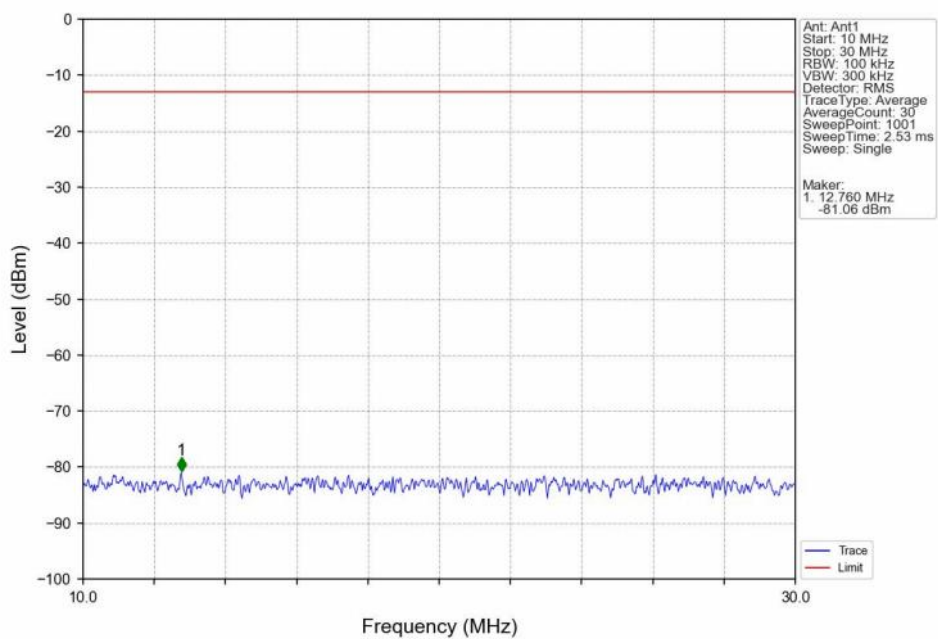
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



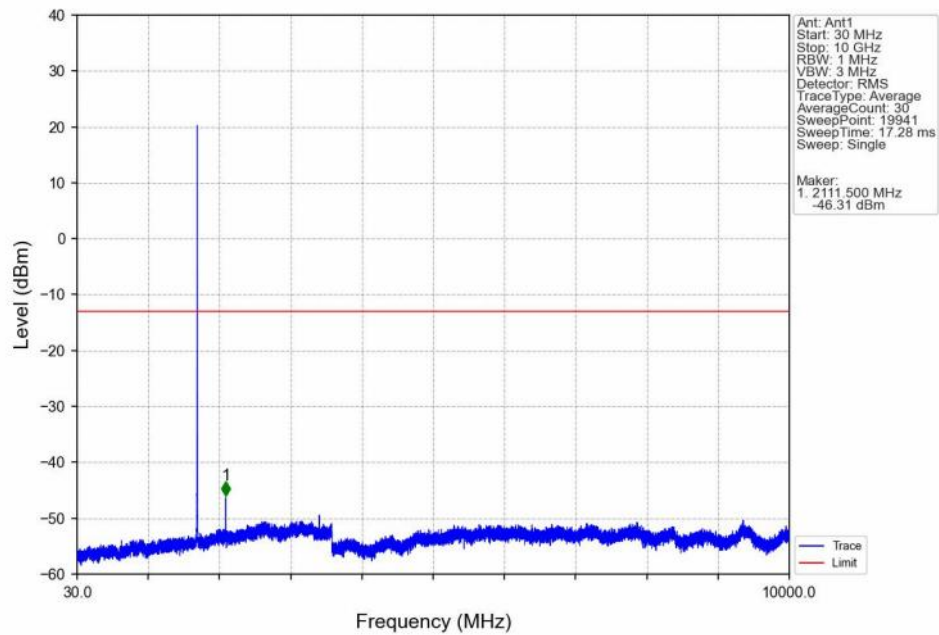
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



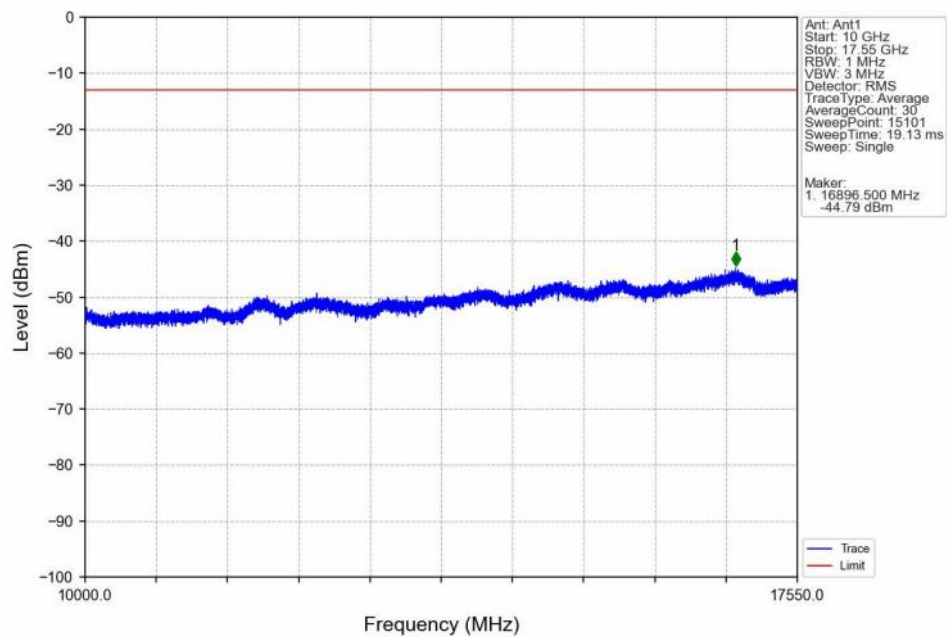
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



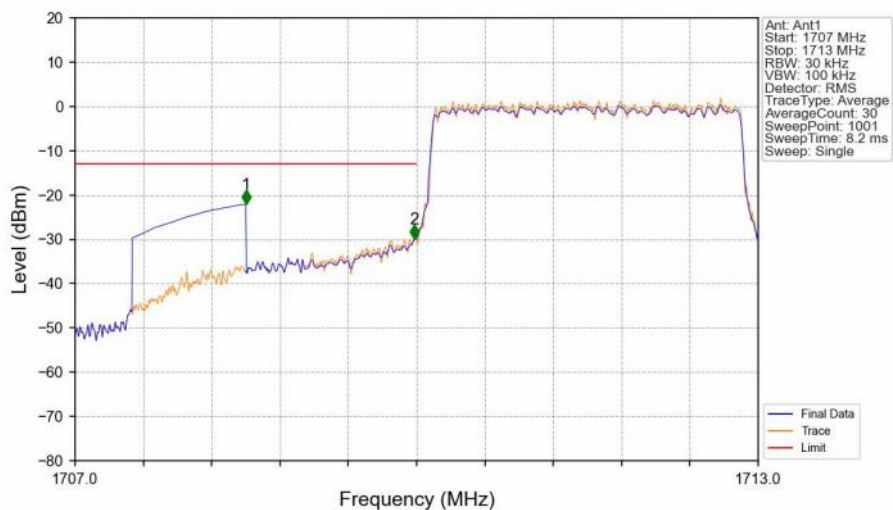
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

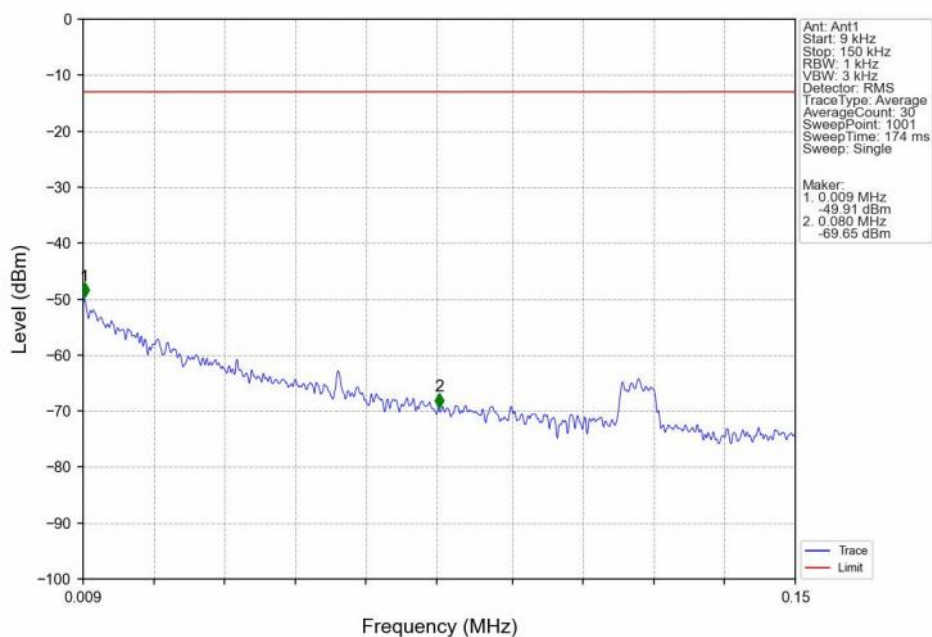


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

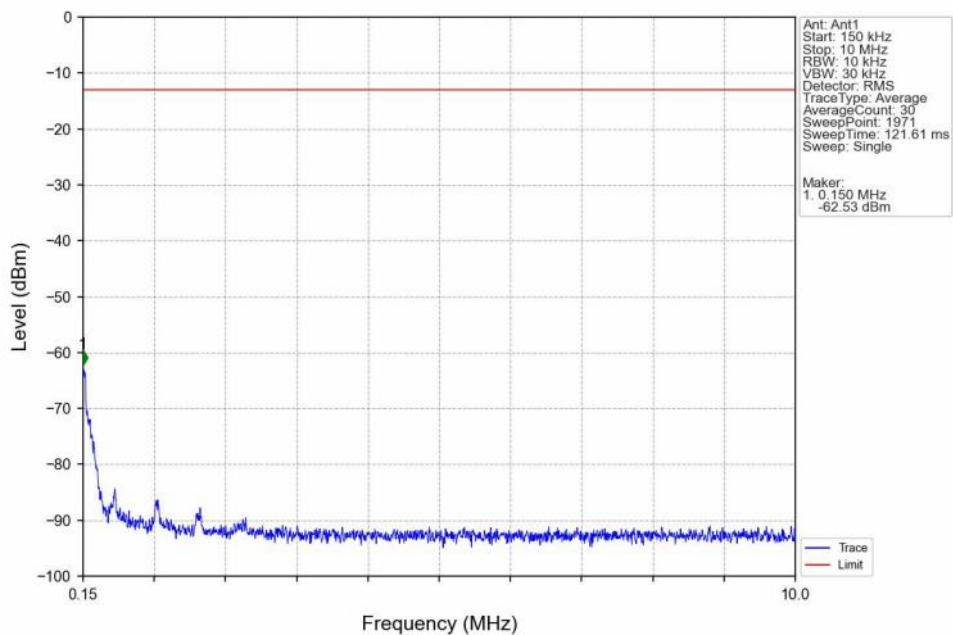


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-22.06	-13	Pass
1709	1710	0.031	CHP	2	1709.982	-29.84	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

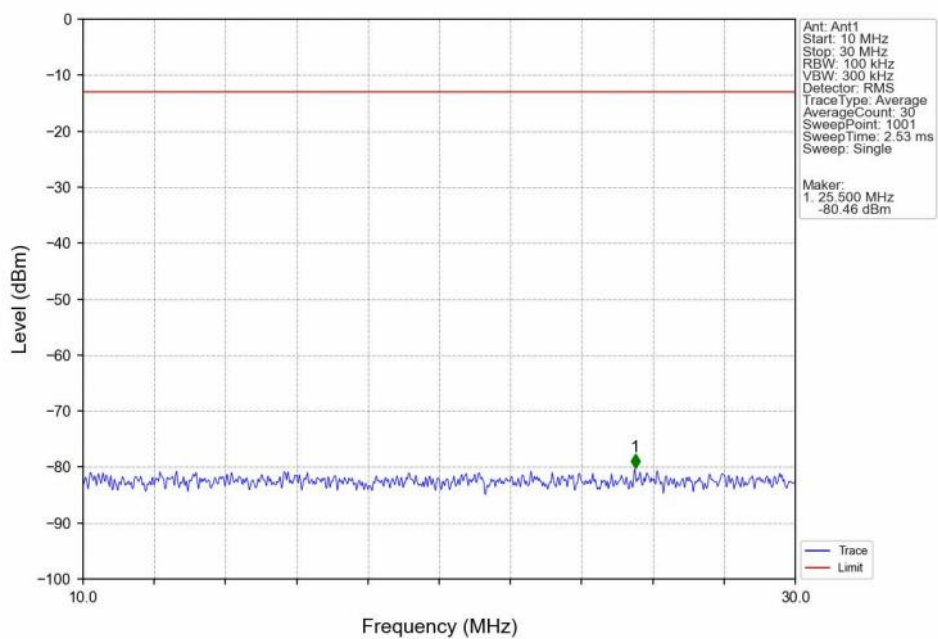
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



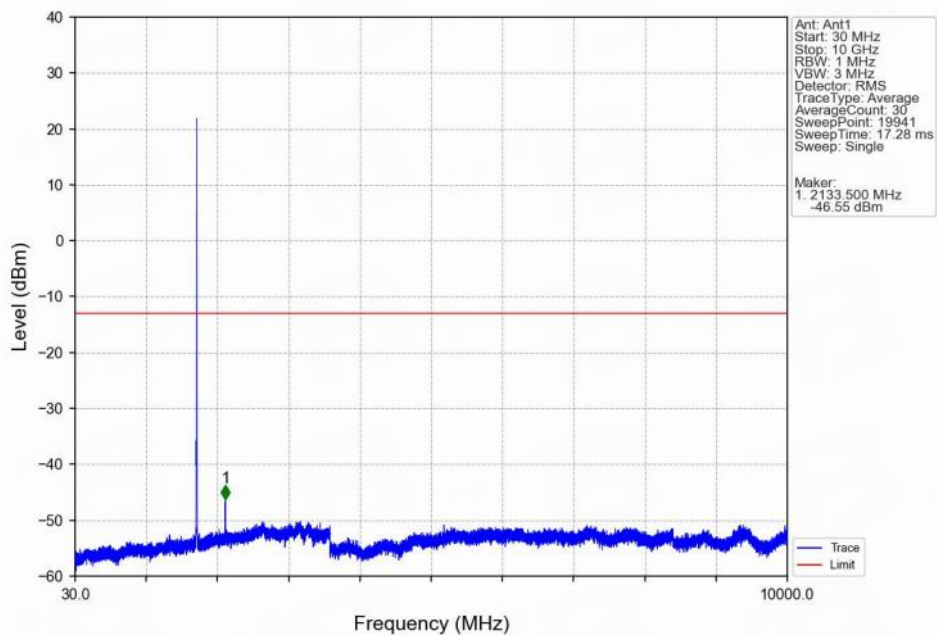
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

