

## 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	20.46	0.64	21.10	<=30	Pass		
			2	20.46	0.64	21.10	<=30	Pass		
			5	20.39	0.64	21.03	<=30	Pass		
		3	0	20.34	0.64	20.98	<=30	Pass		
			2	20.36	0.64	21.00	<=30	Pass		
			3	20.27	0.64	20.91	<=30	Pass		
		6	0	19.31	0.64	19.95	<=30	Pass		
		1732.5	1	0	20.36	0.64	21.00	<=30	Pass	
				2	20.36	0.64	21.00	<=30	Pass	
	5			20.41	0.64	21.05	<=30	Pass		
	3		0	20.43	0.64	21.07	<=30	Pass		
			2	20.51	0.64	21.15	<=30	Pass		
			3	20.39	0.64	21.03	<=30	Pass		
	6		0	19.47	0.64	20.11	<=30	Pass		
	1754.3		1	0	20.55	0.64	21.19	<=30	Pass	
				2	20.52	0.64	21.16	<=30	Pass	
		5		20.50	0.64	21.14	<=30	Pass		
		3	0	20.60	0.64	21.24	<=30	Pass		
			2	20.60	0.64	21.24	<=30	Pass		
			3	20.59	0.64	21.23	<=30	Pass		
		6	0	19.59	0.64	20.23	<=30	Pass		
		16QAM	1710.7	1	0	19.12	0.64	19.76	<=30	Pass
					2	19.15	0.64	19.79	<=30	Pass
	5				19.19	0.64	19.83	<=30	Pass	
3	0			19.40	0.64	20.04	<=30	Pass		
	2			19.35	0.64	19.99	<=30	Pass		
	3			19.28	0.64	19.92	<=30	Pass		
6	0			18.58	0.64	19.22	<=30	Pass		
1732.5	1			0	19.93	0.64	20.57	<=30	Pass	
				2	19.97	0.64	20.61	<=30	Pass	
			5	19.92	0.64	20.56	<=30	Pass		
	3		0	19.65	0.64	20.29	<=30	Pass		
			2	19.70	0.64	20.34	<=30	Pass		
			3	19.71	0.64	20.35	<=30	Pass		
	6		0	18.72	0.64	19.36	<=30	Pass		
	1754.3		1	0	20.02	0.64	20.66	<=30	Pass	
				2	19.99	0.64	20.63	<=30	Pass	
5				19.97	0.64	20.61	<=30	Pass		
3			0	19.82	0.64	20.46	<=30	Pass		
			2	19.78	0.64	20.42	<=30	Pass		
			3	19.76	0.64	20.40	<=30	Pass		
6			0	18.78	0.64	19.42	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.2 B4\_3MHz\_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	20.49	0.64	21.13	<=30	Pass
			7	20.47	0.64	21.11	<=30	Pass
			14	20.38	0.64	21.02	<=30	Pass
		8	0	19.32	0.64	19.96	<=30	Pass
			4	19.39	0.64	20.03	<=30	Pass
			7	19.36	0.64	20.00	<=30	Pass
	15	0	19.32	0.64	19.96	<=30	Pass	
	1732.5	1	0	20.26	0.64	20.90	<=30	Pass
			7	20.33	0.64	20.97	<=30	Pass
			14	20.28	0.64	20.92	<=30	Pass
		8	0	19.42	0.64	20.06	<=30	Pass
			4	19.40	0.64	20.04	<=30	Pass
			7	19.36	0.64	20.00	<=30	Pass
	15	0	19.44	0.64	20.08	<=30	Pass	
	1753.5	1	0	20.58	0.64	21.22	<=30	Pass
7			20.57	0.64	21.21	<=30	Pass	
14			20.55	0.64	21.19	<=30	Pass	
8		0	19.56	0.64	20.20	<=30	Pass	
		4	19.54	0.64	20.18	<=30	Pass	
		7	19.47	0.64	20.11	<=30	Pass	
15	0	19.49	0.64	20.13	<=30	Pass		
16QAM	1711.5	1	0	19.51	0.64	20.15	<=30	Pass
			7	19.38	0.64	20.02	<=30	Pass
			14	19.47	0.64	20.11	<=30	Pass
		8	0	18.80	0.64	19.44	<=30	Pass
			4	18.76	0.64	19.40	<=30	Pass
			7	18.67	0.64	19.31	<=30	Pass
	15	0	18.50	0.64	19.14	<=30	Pass	
	1732.5	1	0	20.36	0.64	21.00	<=30	Pass
			7	20.40	0.64	21.04	<=30	Pass
			14	20.49	0.64	21.13	<=30	Pass
		8	0	18.83	0.64	19.47	<=30	Pass
			4	18.82	0.64	19.46	<=30	Pass
			7	18.75	0.64	19.39	<=30	Pass
	15	0	18.64	0.64	19.28	<=30	Pass	
	1753.5	1	0	20.07	0.64	20.71	<=30	Pass
7			19.98	0.64	20.62	<=30	Pass	
14			20.04	0.64	20.68	<=30	Pass	
8		0	18.96	0.64	19.60	<=30	Pass	
		4	19.07	0.64	19.71	<=30	Pass	
		7	18.97	0.64	19.61	<=30	Pass	
15	0	18.89	0.64	19.53	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B4\_5MHz\_EIRP

Band: 4 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	20.20	0.64	20.84	<=30	Pass
			13	20.14	0.64	20.78	<=30	Pass
			24	19.99	0.64	20.63	<=30	Pass
		12	0	19.34	0.64	19.98	<=30	Pass
			6	19.35	0.64	19.99	<=30	Pass
			13	19.28	0.64	19.92	<=30	Pass

16QAM	1732.5	25	0	19.33	0.64	19.97	<=30	Pass	
			0	20.40	0.64	21.04	<=30	Pass	
			1	13	20.42	0.64	21.06	<=30	Pass
			24	20.40	0.64	21.04	<=30	Pass	
		12	0	19.48	0.64	20.12	<=30	Pass	
			6	19.48	0.64	20.12	<=30	Pass	
			13	19.45	0.64	20.09	<=30	Pass	
			25	0	19.43	0.64	20.07	<=30	Pass
			0	20.68	0.64	21.32	<=30	Pass	
	1752.5	1	13	20.65	0.64	21.29	<=30	Pass	
			24	20.59	0.64	21.23	<=30	Pass	
			0	19.63	0.64	20.27	<=30	Pass	
		12	6	19.63	0.64	20.27	<=30	Pass	
			13	19.58	0.64	20.22	<=30	Pass	
			25	0	19.60	0.64	20.24	<=30	Pass
		1712.5	1	0	19.33	0.64	19.97	<=30	Pass
				13	19.34	0.64	19.98	<=30	Pass
				24	19.24	0.64	19.88	<=30	Pass
	12			0	18.57	0.64	19.21	<=30	Pass
	6			18.58	0.64	19.22	<=30	Pass	
	13			18.54	0.64	19.18	<=30	Pass	
	25		0	18.63	0.64	19.27	<=30	Pass	
			1	0	19.39	0.64	20.03	<=30	Pass
			13	19.41	0.64	20.05	<=30	Pass	
1732.5	1		24	19.32	0.64	19.96	<=30	Pass	
			0	18.73	0.64	19.37	<=30	Pass	
			6	18.71	0.64	19.35	<=30	Pass	
	12		13	18.73	0.64	19.37	<=30	Pass	
			25	0	18.64	0.64	19.28	<=30	Pass
			1	0	18.88	0.64	19.52	<=30	Pass
1752.5	1	13	18.92	0.64	19.56	<=30	Pass		
		24	18.88	0.64	19.52	<=30	Pass		
		0	18.80	0.64	19.44	<=30	Pass		
	12	6	18.88	0.64	19.52	<=30	Pass		
		13	18.80	0.64	19.44	<=30	Pass		
		25	0	18.88	0.64	19.52	<=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	20.46	0.64	21.10	<=30	Pass	
			25	20.36	0.64	21.00	<=30	Pass	
			49	20.34	0.64	20.98	<=30	Pass	
		25	0	19.32	0.64	19.96	<=30	Pass	
			13	19.33	0.64	19.97	<=30	Pass	
			25	19.39	0.64	20.03	<=30	Pass	
		50	0	19.29	0.64	19.93	<=30	Pass	
		1732.5	1	0	20.29	0.64	20.93	<=30	Pass
				25	20.30	0.64	20.94	<=30	Pass
	49			20.38	0.64	21.02	<=30	Pass	
	25		0	19.45	0.64	20.09	<=30	Pass	
			13	19.42	0.64	20.06	<=30	Pass	
			25	19.43	0.64	20.07	<=30	Pass	
	50		0	19.42	0.64	20.06	<=30	Pass	

16QAM	1750	1	0	20.54	0.64	21.18	<=30	Pass	
			25	20.47	0.64	21.11	<=30	Pass	
			49	20.54	0.64	21.18	<=30	Pass	
		25	0	19.51	0.64	20.15	<=30	Pass	
			13	19.54	0.64	20.18	<=30	Pass	
			25	19.61	0.64	20.25	<=30	Pass	
	50	0	19.54	0.64	20.18	<=30	Pass		
	1715	1	1	0	19.45	0.64	20.09	<=30	Pass
				25	19.37	0.64	20.01	<=30	Pass
				49	19.35	0.64	19.99	<=30	Pass
			25	0	18.75	0.64	19.39	<=30	Pass
				13	18.71	0.64	19.35	<=30	Pass
				25	18.75	0.64	19.39	<=30	Pass
		50	0	18.58	0.64	19.22	<=30	Pass	
		1732.5	1	1	0	19.80	0.64	20.44	<=30
25					19.90	0.64	20.54	<=30	Pass
49					19.99	0.64	20.63	<=30	Pass
25				0	18.66	0.64	19.30	<=30	Pass
				13	18.62	0.64	19.26	<=30	Pass
				25	18.66	0.64	19.30	<=30	Pass
50			0	18.66	0.64	19.30	<=30	Pass	
1750			1	0	19.96	0.64	20.60	<=30	Pass
				25	19.91	0.64	20.55	<=30	Pass
				49	19.91	0.64	20.55	<=30	Pass
			25	0	18.78	0.64	19.42	<=30	Pass
	13			18.75	0.64	19.39	<=30	Pass	
	25	18.78		0.64	19.42	<=30	Pass		
50	0	18.74	0.64	19.38	<=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	20.57	0.64	21.21	<=30	Pass		
			38	20.55	0.64	21.19	<=30	Pass		
			74	20.53	0.64	21.17	<=30	Pass		
		36	0	19.26	0.64	19.90	<=30	Pass		
			18	19.31	0.64	19.95	<=30	Pass		
			39	19.33	0.64	19.97	<=30	Pass		
		75	0	19.30	0.64	19.94	<=30	Pass		
		1732.5	1	0	20.21	0.64	20.85	<=30	Pass	
				38	20.32	0.64	20.96	<=30	Pass	
	74			20.37	0.64	21.01	<=30	Pass		
	36		0	19.35	0.64	19.99	<=30	Pass		
			18	19.40	0.64	20.04	<=30	Pass		
			39	19.50	0.64	20.14	<=30	Pass		
	75		0	19.45	0.64	20.09	<=30	Pass		
	1747.5		1	0	20.34	0.64	20.98	<=30	Pass	
				38	20.37	0.64	21.01	<=30	Pass	
		74		20.43	0.64	21.07	<=30	Pass		
		36	0	19.53	0.64	20.17	<=30	Pass		
			18	19.54	0.64	20.18	<=30	Pass		
			39	19.61	0.64	20.25	<=30	Pass		
		75	0	19.58	0.64	20.22	<=30	Pass		
		16QAM	1717.5	1	0	19.77	0.64	20.41	<=30	Pass

TCT	1732.5	36	38	19.72	0.64	20.36	<=30	Pass	
			74	19.65	0.64	20.29	<=30	Pass	
			0	18.45	0.64	19.09	<=30	Pass	
		75	1	18	18.56	0.64	19.20	<=30	Pass
				39	18.47	0.64	19.11	<=30	Pass
				0	18.55	0.64	19.19	<=30	Pass
	1747.5	36	1	0	20.18	0.64	20.82	<=30	Pass
				38	20.43	0.64	21.07	<=30	Pass
				74	20.54	0.64	21.18	<=30	Pass
		75	36	0	18.52	0.64	19.16	<=30	Pass
				18	18.53	0.64	19.17	<=30	Pass
				39	18.60	0.64	19.24	<=30	Pass
	1747.5	1	36	0	18.63	0.64	19.27	<=30	Pass
				0	20.09	0.64	20.73	<=30	Pass
				38	20.14	0.64	20.78	<=30	Pass
		75	1	74	20.09	0.64	20.73	<=30	Pass
				0	18.70	0.64	19.34	<=30	Pass
				18	18.81	0.64	19.45	<=30	Pass
	75	36	39	18.84	0.64	19.48	<=30	Pass	
			0	18.72	0.64	19.36	<=30	Pass	
			0	18.72	0.64	19.36	<=30	Pass	

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	20.21	0.64	20.85	<=30	Pass		
			50	20.15	0.64	20.79	<=30	Pass		
			99	20.19	0.64	20.83	<=30	Pass		
		50	1	0	19.37	0.64	20.01	<=30	Pass	
				25	19.34	0.64	19.98	<=30	Pass	
				50	19.33	0.64	19.97	<=30	Pass	
		100	1	0	19.33	0.64	19.97	<=30	Pass	
				0	20.32	0.64	20.96	<=30	Pass	
				50	20.42	0.64	21.06	<=30	Pass	
		1732.5	1	50	99	20.46	0.64	21.10	<=30	Pass
					0	19.40	0.64	20.04	<=30	Pass
					25	19.48	0.64	20.12	<=30	Pass
	50		1	50	19.49	0.64	20.13	<=30	Pass	
				0	19.47	0.64	20.11	<=30	Pass	
				0	20.45	0.64	21.09	<=30	Pass	
	1745	1	50	50	20.44	0.64	21.08	<=30	Pass	
				99	20.54	0.64	21.18	<=30	Pass	
				0	19.54	0.64	20.18	<=30	Pass	
		50	1	25	19.57	0.64	20.21	<=30	Pass	
				50	19.54	0.64	20.18	<=30	Pass	
				0	19.51	0.64	20.15	<=30	Pass	
	16QAM	1720	1	0	19.76	0.64	20.40	<=30	Pass	
				50	19.61	0.64	20.25	<=30	Pass	
				99	19.67	0.64	20.31	<=30	Pass	
50			1	0	18.67	0.64	19.31	<=30	Pass	
				25	18.64	0.64	19.28	<=30	Pass	
				50	18.59	0.64	19.23	<=30	Pass	
1732.5		1	50	0	18.53	0.64	19.17	<=30	Pass	
				0	19.33	0.64	19.97	<=30	Pass	
				50	19.43	0.64	20.07	<=30	Pass	

1745	50	99	19.49	0.64	20.13	<=30	Pass
		0	18.67	0.64	19.31	<=30	Pass
		25	18.68	0.64	19.32	<=30	Pass
		50	18.74	0.64	19.38	<=30	Pass
	100	0	18.61	0.64	19.25	<=30	Pass
	1	0	20.33	0.64	20.97	<=30	Pass
		50	20.37	0.64	21.01	<=30	Pass
		99	20.37	0.64	21.01	<=30	Pass
	50	0	18.78	0.64	19.42	<=30	Pass
		25	18.74	0.64	19.38	<=30	Pass
		50	18.73	0.64	19.37	<=30	Pass
		100	0	18.82	0.64	19.46	<=30

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	1.373	0.0008	-2.5 to 2.5	Pass
					3.85	0.715	0.0004	-2.5 to 2.5	Pass
					4.43	1.030	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.459	0.0009	-2.5 to 2.5	Pass
				40	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				1732.5	6	0	20	3.27	-1.645
	3.85	-1.659	-0.0010					-2.5 to 2.5	Pass
	4.43	-1.130	-0.0007					-2.5 to 2.5	Pass
	-30	3.85	-2.131				-0.0012	-2.5 to 2.5	Pass
	-20	3.85	-1.373				-0.0008	-2.5 to 2.5	Pass
	-10	3.85	-2.446				-0.0014	-2.5 to 2.5	Pass
	0	3.85	-2.332				-0.0013	-2.5 to 2.5	Pass
	10	3.85	-1.531				-0.0009	-2.5 to 2.5	Pass
	30	3.85	-2.217				-0.0013	-2.5 to 2.5	Pass
	40	3.85	-1.745				-0.0010	-2.5 to 2.5	Pass
	50	3.85	-1.874				-0.0011	-2.5 to 2.5	Pass
	1754.3	6	0				20	3.27	0.172
				3.85	0.944	0.0005		-2.5 to 2.5	Pass
				4.43	2.503	0.0014		-2.5 to 2.5	Pass
				-30	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0011	-2.5 to 2.5	Pass
-10				3.85	2.403	0.0014	-2.5 to 2.5	Pass	
0				3.85	0.544	0.0003	-2.5 to 2.5	Pass	
10				3.85	2.847	0.0016	-2.5 to 2.5	Pass	
30				3.85	1.330	0.0008	-2.5 to 2.5	Pass	
40				3.85	2.360	0.0013	-2.5 to 2.5	Pass	
50				3.85	1.645	0.0009	-2.5 to 2.5	Pass	

Modulation	Frequency (MHz)	RB Allocation Size	Offset	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict				
							Result	Limit					
16QAM	1710.7	6	0	20	3.27	0.200	0.0001	-2.5 to 2.5	Pass				
					3.85	0.229	0.0001	-2.5 to 2.5	Pass				
					4.43	0.930	0.0005	-2.5 to 2.5	Pass				
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass				
					-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass			
					-10	3.85	0.343	0.0002	-2.5 to 2.5	Pass			
				1732.5	6	0	0	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass	
								10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
								30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
	40	3.85	0.672				0.0004	-2.5 to 2.5	Pass				
		50	3.85				0.186	0.0001	-2.5 to 2.5	Pass			
			20				3.27	1.116	0.0006	-2.5 to 2.5	Pass		
	20		3.85				-0.143	-0.0001	-2.5 to 2.5	Pass			
		4.43	0.730				0.0004	-2.5 to 2.5	Pass				
		-30	3.85				0.215	0.0001	-2.5 to 2.5	Pass			
	1754.3	6	0	-20	3.85	1.373	0.0008	-2.5 to 2.5	Pass				
					-10	3.85	0.086	0.0000	-2.5 to 2.5	Pass			
					0	3.85	1.202	0.0007	-2.5 to 2.5	Pass			
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass				
					30	3.85	0.730	0.0004	-2.5 to 2.5	Pass			
					40	3.85	0.730	0.0004	-2.5 to 2.5	Pass			
				50	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass				
					20	3.27	1.945	0.0011	-2.5 to 2.5	Pass			
						3.85	1.903	0.0011	-2.5 to 2.5	Pass			
	4.43	2.532	0.0014	-2.5 to 2.5		Pass							
	-30	3.85	1.459	0.0008	-2.5 to 2.5	Pass							
		-20	3.85	1.202	0.0007	-2.5 to 2.5	Pass						
-10		3.85	1.459	0.0008	-2.5 to 2.5	Pass							
0		3.85	1.144	0.0007	-2.5 to 2.5	Pass							
10		3.85	1.388	0.0008	-2.5 to 2.5	Pass							
30		3.85	1.974	0.0011	-2.5 to 2.5	Pass							
40		3.85	1.087	0.0006	-2.5 to 2.5	Pass							
50		3.85	-0.415	-0.0002	-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	0.944	0.0006	-2.5 to 2.5	Pass	
					3.85	1.874	0.0011	-2.5 to 2.5	Pass	
					4.43	1.187	0.0007	-2.5 to 2.5	Pass	
				-30	3.85	1.659	0.0010	-2.5 to 2.5	Pass	
					-20	3.85	0.486	0.0003	-2.5 to 2.5	Pass
					-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass	
					10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
					30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
	40	3.85	-0.358		-0.0002	-2.5 to 2.5	Pass			
	50	3.85	0.587		0.0003	-2.5 to 2.5	Pass			
		20	3.27		-1.330	-0.0008	-2.5 to 2.5	Pass		
			3.85	-0.715	-0.0004	-2.5 to 2.5	Pass			
	4.43		-0.415	-0.0002	-2.5 to 2.5	Pass				
	1732.5	15	0	-30	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass	
					-20	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
					-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0001	-2.5 to 2.5	Pass	

16QAM	1753.5	15	0	10	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	0.486	0.0003	-2.5 to 2.5	Pass
					4.43	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
	0	3.85	0.744	0.0004	-2.5 to 2.5	Pass			
	10	3.85	0.558	0.0003	-2.5 to 2.5	Pass			
	30	3.85	0.687	0.0004	-2.5 to 2.5	Pass			
	40	3.85	0.257	0.0001	-2.5 to 2.5	Pass			
	50	3.85	0.257	0.0001	-2.5 to 2.5	Pass			
	1711.5	15	0	20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	0.730	0.0004	-2.5 to 2.5	Pass
					4.43	0.973	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0004	-2.5 to 2.5	Pass
-10				3.85	0.215	0.0001	-2.5 to 2.5	Pass	
0				3.85	-0.372	-0.0002	-2.5 to 2.5	Pass	
10				3.85	0.229	0.0001	-2.5 to 2.5	Pass	
30				3.85	0.730	0.0004	-2.5 to 2.5	Pass	
40				3.85	-0.143	-0.0001	-2.5 to 2.5	Pass	
50	3.85	0.300	0.0002	-2.5 to 2.5	Pass				
1732.5	15	0	20	3.27	-1.330	-0.0008	-2.5 to 2.5	Pass	
				3.85	-1.631	-0.0009	-2.5 to 2.5	Pass	
				4.43	-0.944	-0.0005	-2.5 to 2.5	Pass	
			-30	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass	
			-20	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass	
			-10	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass	
			0	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass	
			10	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass	
			30	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass	
			40	3.85	0.358	0.0002	-2.5 to 2.5	Pass	
50	3.85	0.300	0.0002	-2.5 to 2.5	Pass				
1753.5	15	0	20	3.27	1.316	0.0008	-2.5 to 2.5	Pass	
				3.85	0.401	0.0002	-2.5 to 2.5	Pass	
				4.43	-0.443	-0.0003	-2.5 to 2.5	Pass	
			-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass	
			-20	3.85	0.315	0.0002	-2.5 to 2.5	Pass	
			-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass	
			0	3.85	-0.086	0.0000	-2.5 to 2.5	Pass	
			10	3.85	0.930	0.0005	-2.5 to 2.5	Pass	
			30	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass	
			40	3.85	1.531	0.0009	-2.5 to 2.5	Pass	
50	3.85	1.030	0.0006	-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	0.658	0.0004	-2.5 to 2.5	Pass
					3.85	1.574	0.0009	-2.5 to 2.5	Pass
					4.43	0.772	0.0005	-2.5 to 2.5	Pass



16QAM	1732.5	25	0	-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.718	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.230	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
					4.43	0.744	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
	1712.5	25	0	20	3.27	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0002	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
-20				3.85	1.116	0.0007	-2.5 to 2.5	Pass	
-10				3.85	0.701	0.0004	-2.5 to 2.5	Pass	
0				3.85	0.343	0.0002	-2.5 to 2.5	Pass	
10				3.85	0.300	0.0002	-2.5 to 2.5	Pass	
1732.5	25	0	20	3.27	-1.459	-0.0008	-2.5 to 2.5	Pass	
				3.85	-2.174	-0.0013	-2.5 to 2.5	Pass	
				4.43	-2.189	-0.0013	-2.5 to 2.5	Pass	
			-30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass	
			-20	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass	
			-10	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass	
			0	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass	
			10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass	
1752.5	25	0	20	3.27	-0.830	-0.0005	-2.5 to 2.5	Pass	
				3.85	-0.257	-0.0001	-2.5 to 2.5	Pass	
				4.43	-0.987	-0.0006	-2.5 to 2.5	Pass	
			-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass	
			-20	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass	
			-10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass	
			0	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass	
			0	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass	

				10	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0007	-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	-2.131	-0.0012	-2.5 to 2.5	Pass	
					3.85	-1.116	-0.0007	-2.5 to 2.5	Pass	
					4.43	-0.229	-0.0001	-2.5 to 2.5	Pass	
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass	
					-20	3.85	3.262	0.0019	-2.5 to 2.5	Pass
						-10	3.85	-0.429	-0.0003	-2.5 to 2.5
				0	3.85	0.486	0.0003	-2.5 to 2.5	Pass	
					10	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass	
	40	3.85	-1.273		-0.0007	-2.5 to 2.5	Pass			
	50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass				
	1732.5	50	0	20	3.27	-1.788	-0.0010	-2.5 to 2.5	Pass	
					3.85	-0.343	-0.0002	-2.5 to 2.5	Pass	
					4.43	-0.587	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass	
					-20	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
						-10	3.85	-1.073	-0.0006	-2.5 to 2.5
				0	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass	
					10	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass	
	40	3.85	-0.215		-0.0001	-2.5 to 2.5	Pass			
	50	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass				
	1750	50	0	20	3.27	-0.801	-0.0005	-2.5 to 2.5	Pass	
					3.85	0.343	0.0002	-2.5 to 2.5	Pass	
					4.43	-1.659	-0.0009	-2.5 to 2.5	Pass	
				-30	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass	
					-20	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
-10						3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
0				3.85	-0.472	-0.0003	-2.5 to 2.5	Pass		
				10	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass	
30				3.85	-0.315	-0.0002	-2.5 to 2.5	Pass		
	40	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass				
50	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass					
16QAM	1715	50	0	20	3.27	0.186	0.0001	-2.5 to 2.5	Pass	
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass	
					4.43	0.730	0.0004	-2.5 to 2.5	Pass	
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass	
					-20	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
						-10	3.85	0.916	0.0005	-2.5 to 2.5
				0	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass	
					10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.043	0.0000	-2.5 to 2.5	Pass	
	40	3.85	-0.057		0.0000	-2.5 to 2.5	Pass			
	50	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass				
	1732.5	50	0	20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass	
					3.85	-0.329	-0.0002	-2.5 to 2.5	Pass	
					4.43	-0.286	-0.0002	-2.5 to 2.5	Pass	

				-30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
	50	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass			
	1750	50	0	20	3.27	-0.658	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
0				3.85	-1.059	-0.0006	-2.5 to 2.5	Pass	
10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass				
30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass				
40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass				
50	3.85	-0.558	-0.0003	-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	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.531	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
	50	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass			
	1732.5	75	0	20	3.27	-0.787	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.215	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
	50	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass			
	1747.5	75	0	20	3.27	-2.189	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
4.43					-0.801	-0.0005	-2.5 to 2.5	Pass	
-30				3.85	-1.116	-0.0006	-2.5 to 2.5	Pass	
-20				3.85	-0.930	-0.0005	-2.5 to 2.5	Pass	
-10				3.85	0.057	0.0000	-2.5 to 2.5	Pass	
0				3.85	-1.674	-0.0010	-2.5 to 2.5	Pass	
10				3.85	-2.632	-0.0015	-2.5 to 2.5	Pass	
30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass				
40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass				

16QAM	1717.5	75	0	50	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-0.687	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
	40	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass			
	50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass			
	1732.5	75	0	20	3.27	-1.502	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
	50	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass			
	1747.5	75	0	20	3.27	-1.588	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.903	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
10				3.85	-1.745	-0.0010	-2.5 to 2.5	Pass	
30				3.85	-1.416	-0.0008	-2.5 to 2.5	Pass	
40				3.85	-1.531	-0.0009	-2.5 to 2.5	Pass	
50	3.85	-1.059	-0.0006	-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	-1.087	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.830	0.0005	-2.5 to 2.5	Pass
	50	3.85	0.000	0.0000	-2.5 to 2.5	Pass			
	1732.5	100	0	20	3.27	-0.987	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
-20				3.85	-0.801	-0.0005	-2.5 to 2.5	Pass	
-10	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass				

				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass				
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass				
				30	3.85	0.358	0.0002	-2.5 to 2.5	Pass				
				40	3.85	0.429	0.0002	-2.5 to 2.5	Pass				
				50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass				
	1745	100	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass				
					3.85	1.616	0.0009	-2.5 to 2.5	Pass				
					4.43	0.486	0.0003	-2.5 to 2.5	Pass				
				-30	3.85	0.815	0.0005	-2.5 to 2.5	Pass				
				-20	3.85	0.901	0.0005	-2.5 to 2.5	Pass				
				-10	3.85	1.631	0.0009	-2.5 to 2.5	Pass				
				0	3.85	1.631	0.0009	-2.5 to 2.5	Pass				
				10	3.85	0.944	0.0005	-2.5 to 2.5	Pass				
				30	3.85	0.615	0.0004	-2.5 to 2.5	Pass				
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass				
				50	3.85	0.629	0.0004	-2.5 to 2.5	Pass				
				16QAM	1720	100	0	20	3.27	0.744	0.0004	-2.5 to 2.5	Pass
									3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
									4.43	0.100	0.0001	-2.5 to 2.5	Pass
								-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
-20	3.85	-0.086	0.0000					-2.5 to 2.5	Pass				
-10	3.85	-0.672	-0.0004					-2.5 to 2.5	Pass				
0	3.85	-0.129	-0.0001					-2.5 to 2.5	Pass				
10	3.85	0.601	0.0003					-2.5 to 2.5	Pass				
30	3.85	-0.057	0.0000					-2.5 to 2.5	Pass				
40	3.85	-0.401	-0.0002					-2.5 to 2.5	Pass				
50	3.85	0.129	0.0001		-2.5 to 2.5	Pass							
1732.5	100	0	20		3.27	-1.631	-0.0009	-2.5 to 2.5	Pass				
					3.85	-0.286	-0.0002	-2.5 to 2.5	Pass				
					4.43	-0.443	-0.0003	-2.5 to 2.5	Pass				
			-30		3.85	-0.944	-0.0005	-2.5 to 2.5	Pass				
			-20	3.85	0.114	0.0001	-2.5 to 2.5	Pass					
1745	100	0	-10	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass					
				0	3.85	0.944	0.0005	-2.5 to 2.5	Pass				
				10	3.85	0.057	0.0000	-2.5 to 2.5	Pass				
			30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass					
			40	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass					
			50	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass					
			20	100	0	20	3.27	0.987	0.0006	-2.5 to 2.5	Pass		
							3.85	0.386	0.0002	-2.5 to 2.5	Pass		
							4.43	0.443	0.0003	-2.5 to 2.5	Pass		
						-30	3.85	0.043	0.0000	-2.5 to 2.5	Pass		
-20	3.85	0.100				0.0001	-2.5 to 2.5	Pass					
-10	3.85	-0.072				0.0000	-2.5 to 2.5	Pass					
0	3.85	0.057				0.0000	-2.5 to 2.5	Pass					
10	3.85	0.658	0.0004	-2.5 to 2.5	Pass								
30	3.85	0.215	0.0001	-2.5 to 2.5	Pass								
40	3.85	0.572	0.0003	-2.5 to 2.5	Pass								
50	3.85	0.329	0.0002	-2.5 to 2.5	Pass								

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B4\_1.4MHz

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

### 3.1.2 B4\_3MHz

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

### 3.1.3 B4\_5MHz

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

### 3.1.4 B4\_10MHz

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

### 3.1.5 B4\_15MHz

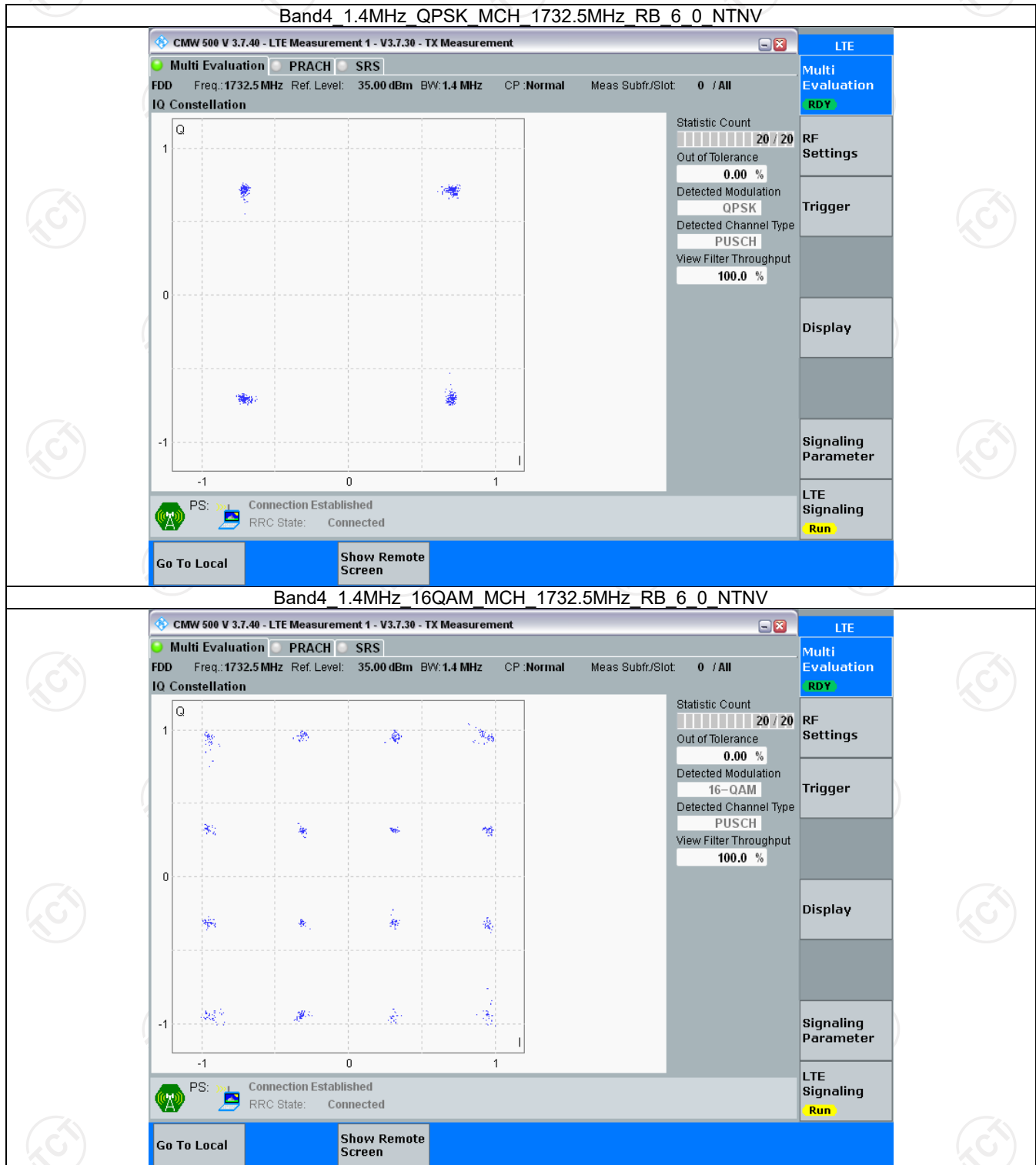
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

### 3.1.6 B4\_20MHz

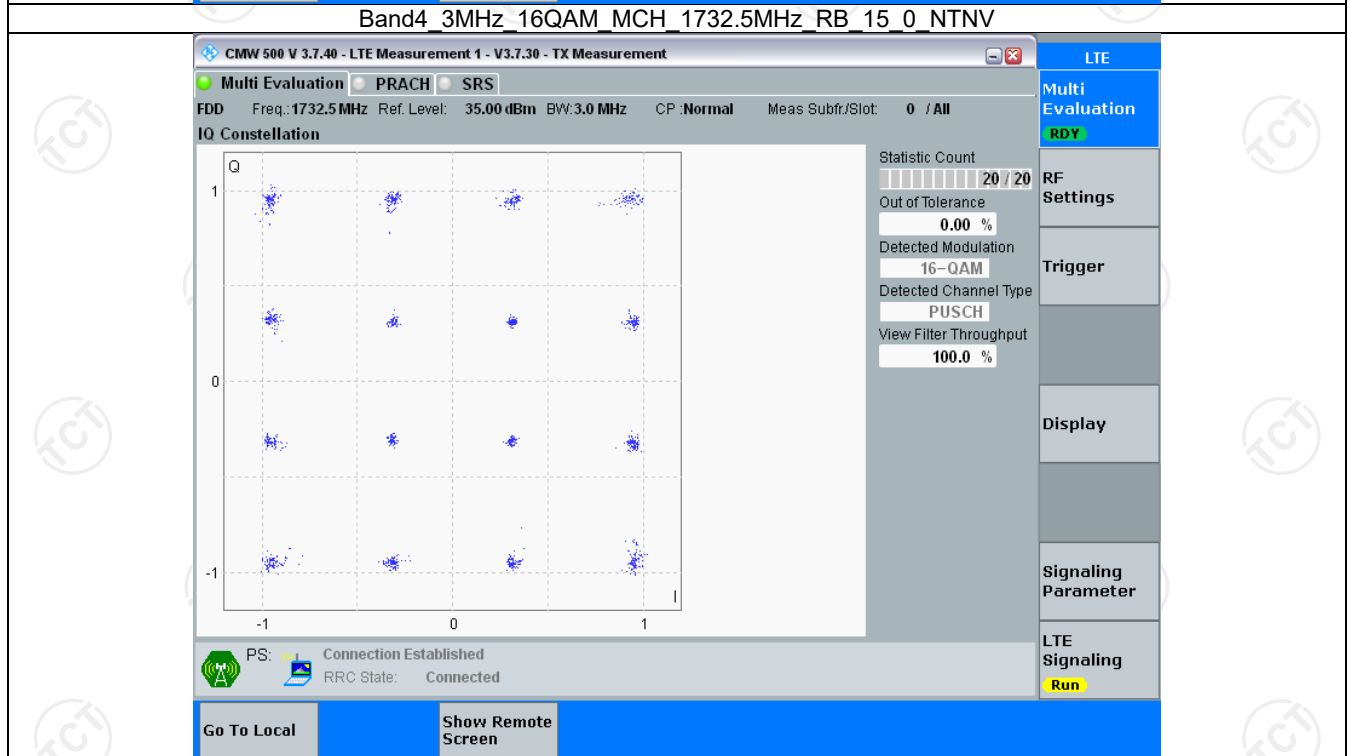
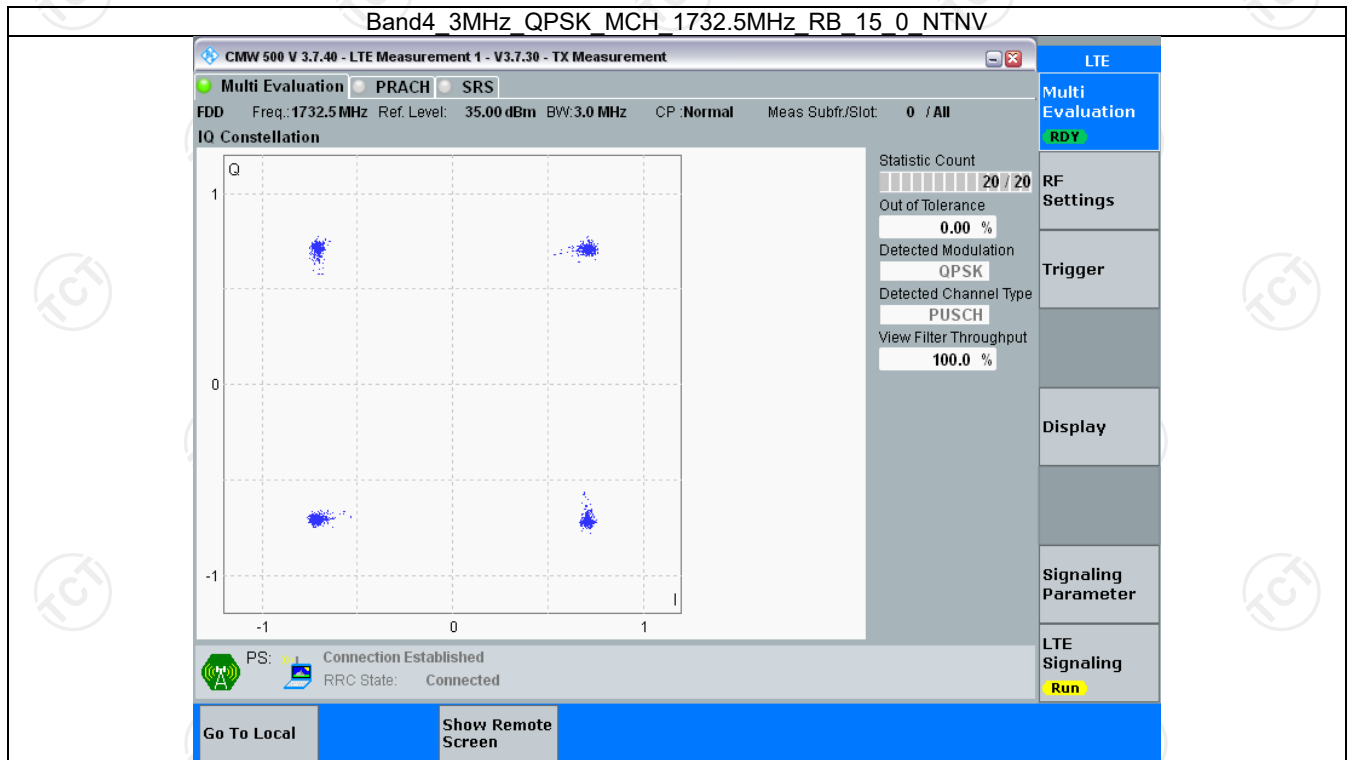
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

### 3.2 Test Graph

#### 3.2.1 B4\_1.4MHz

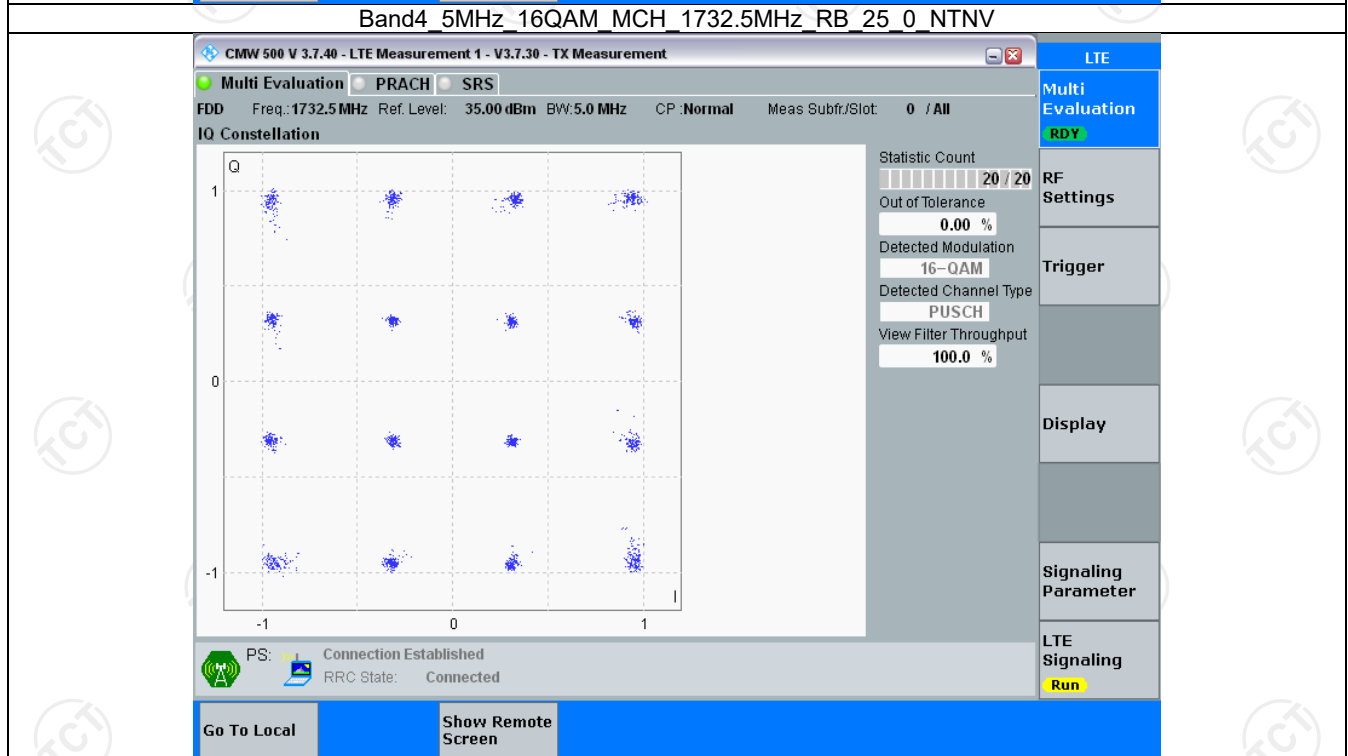
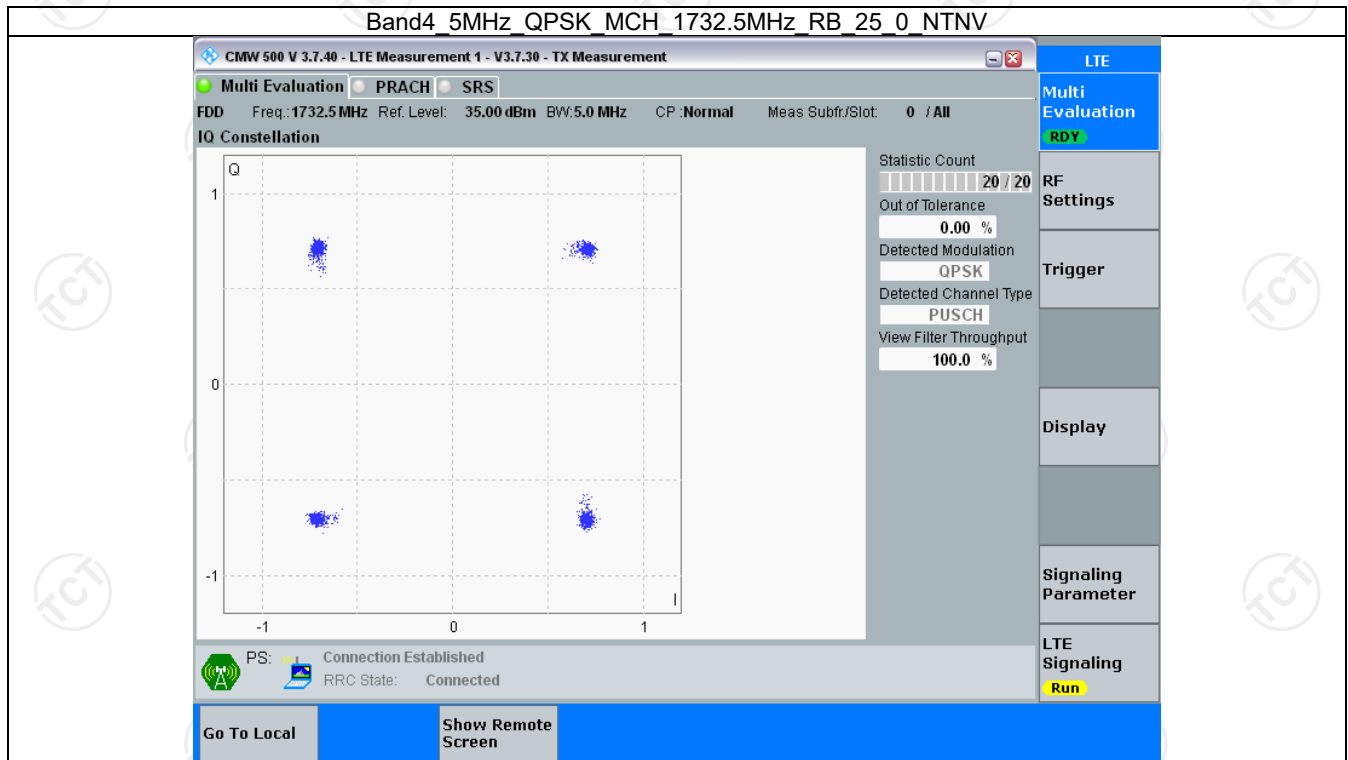


3.2.2 B4\_3MHz

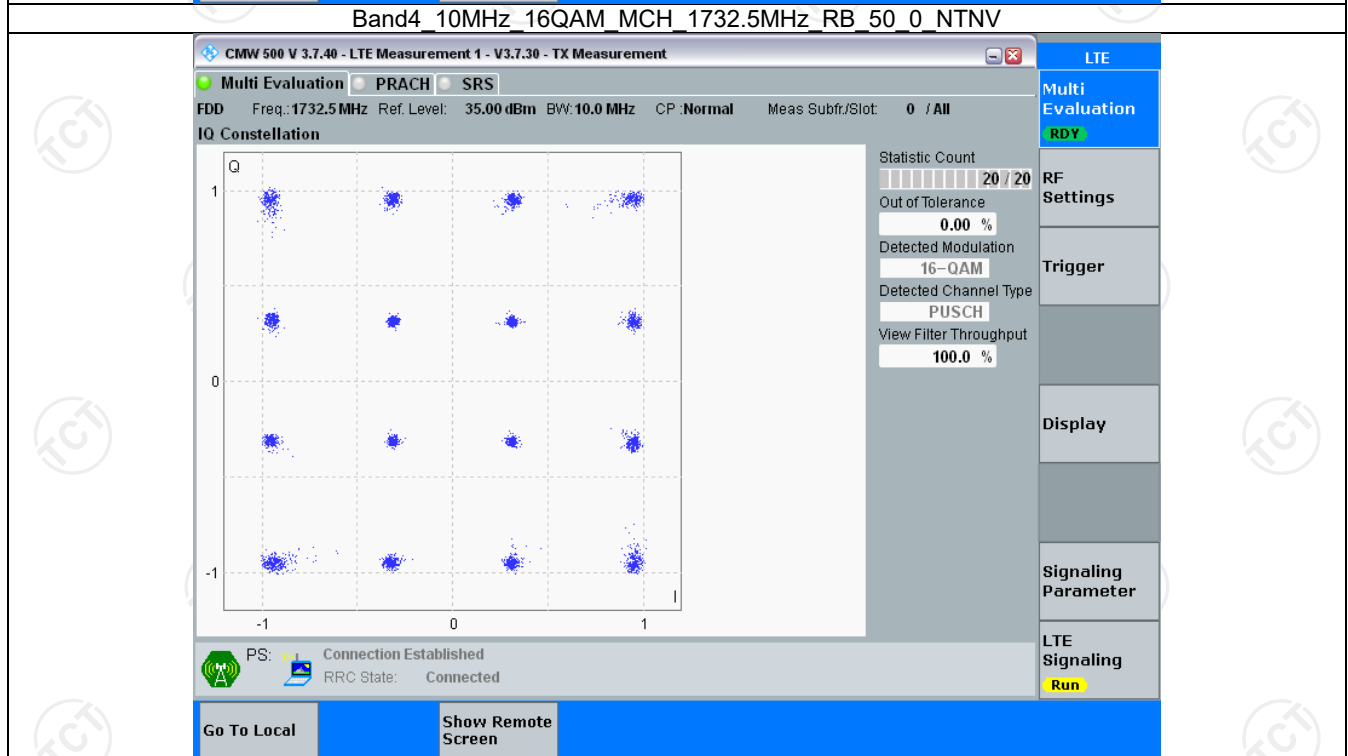
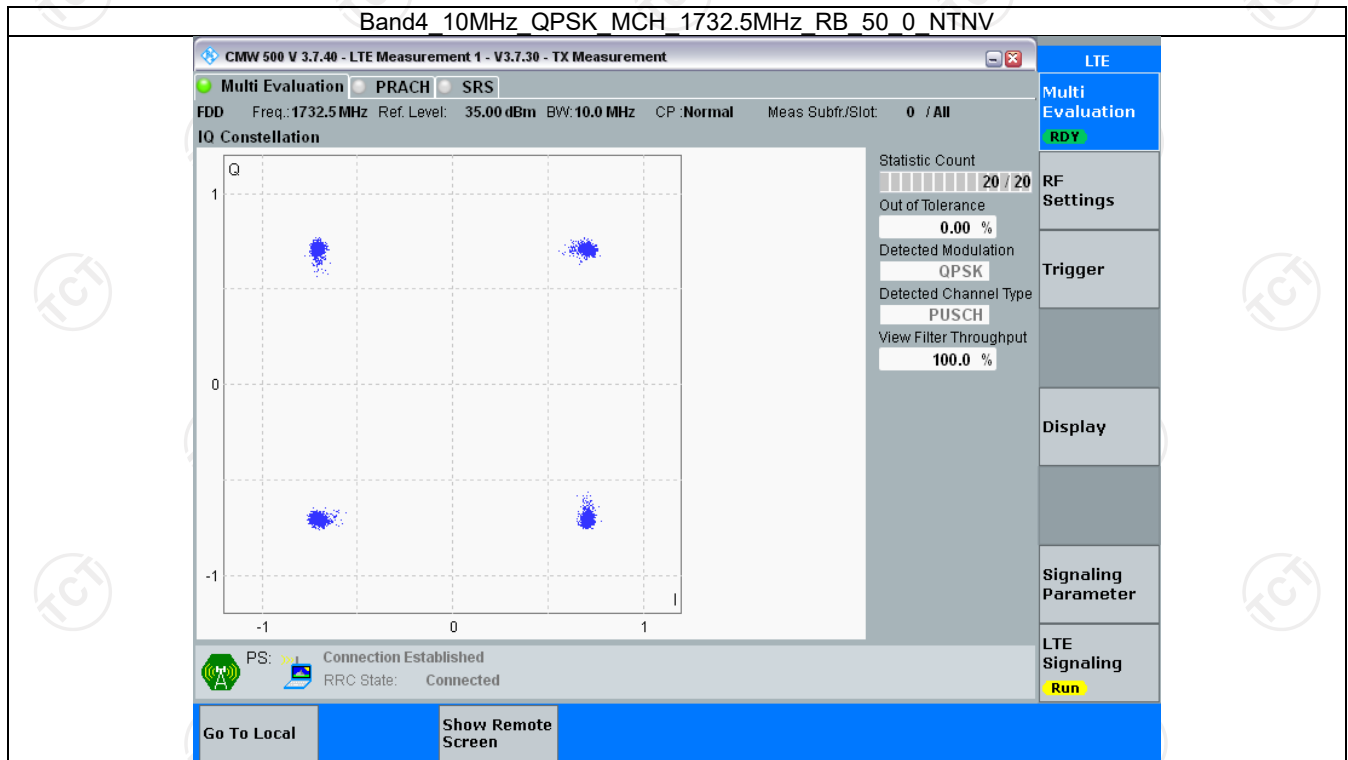




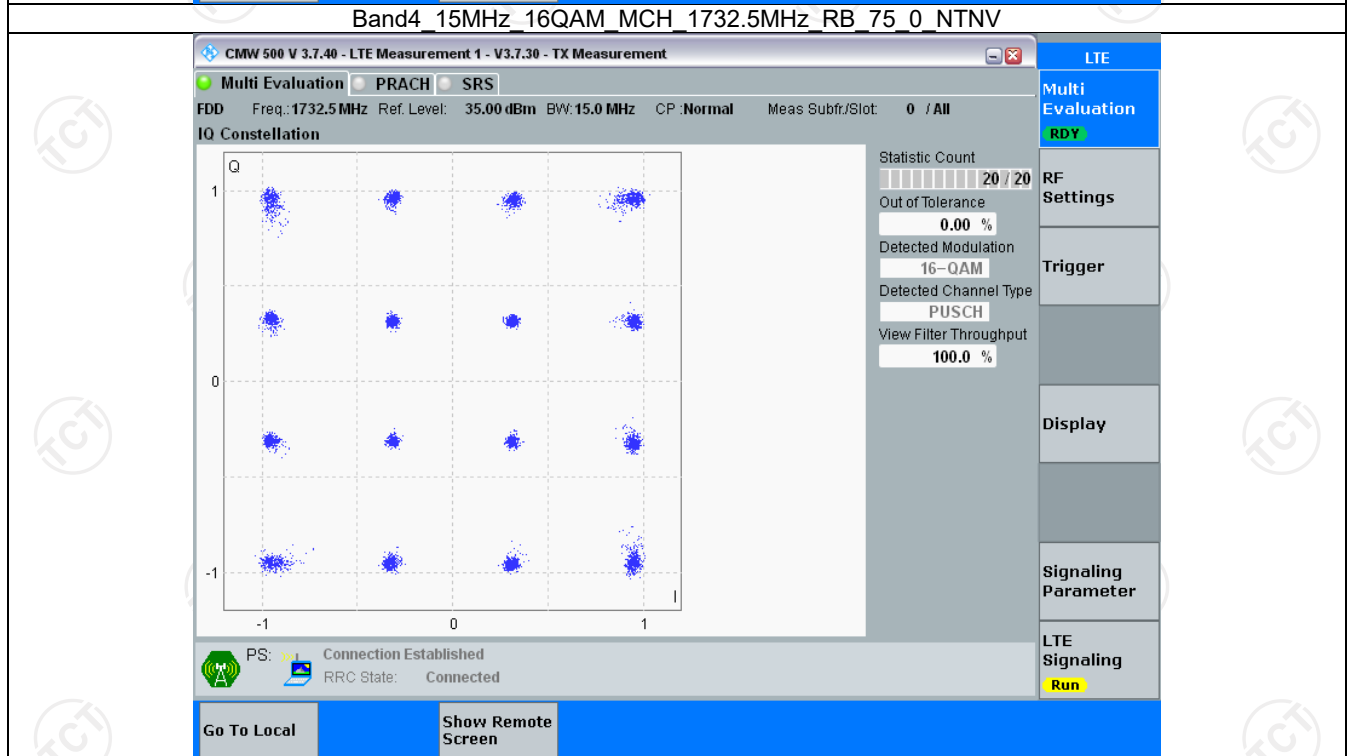
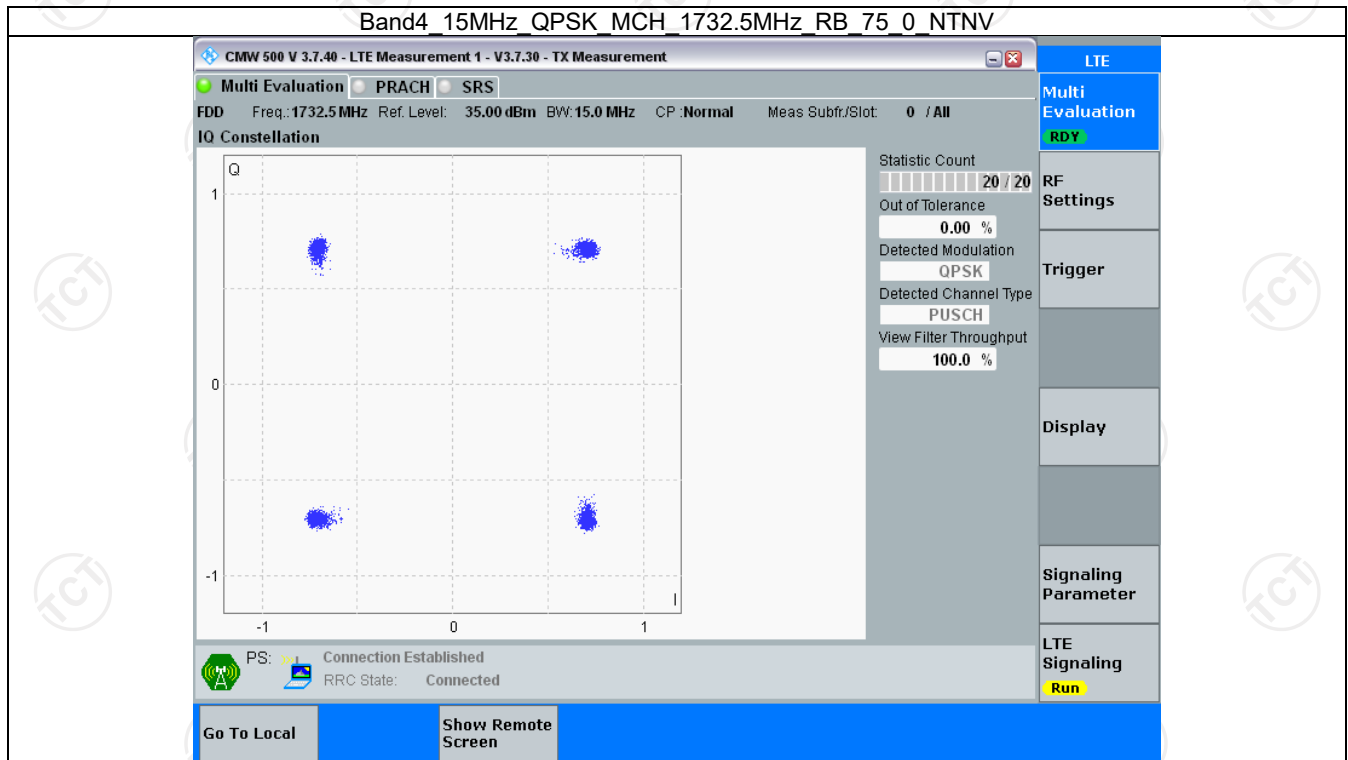
3.2.3 B4\_5MHz



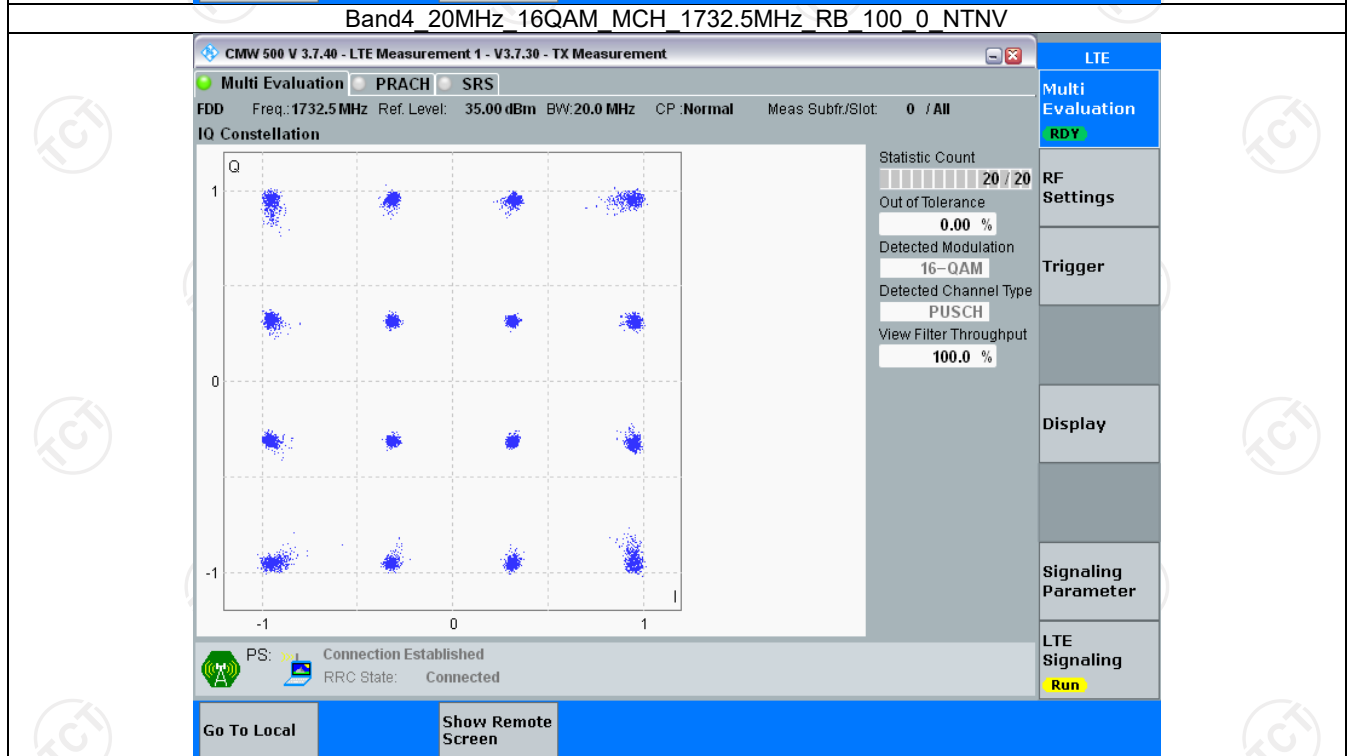
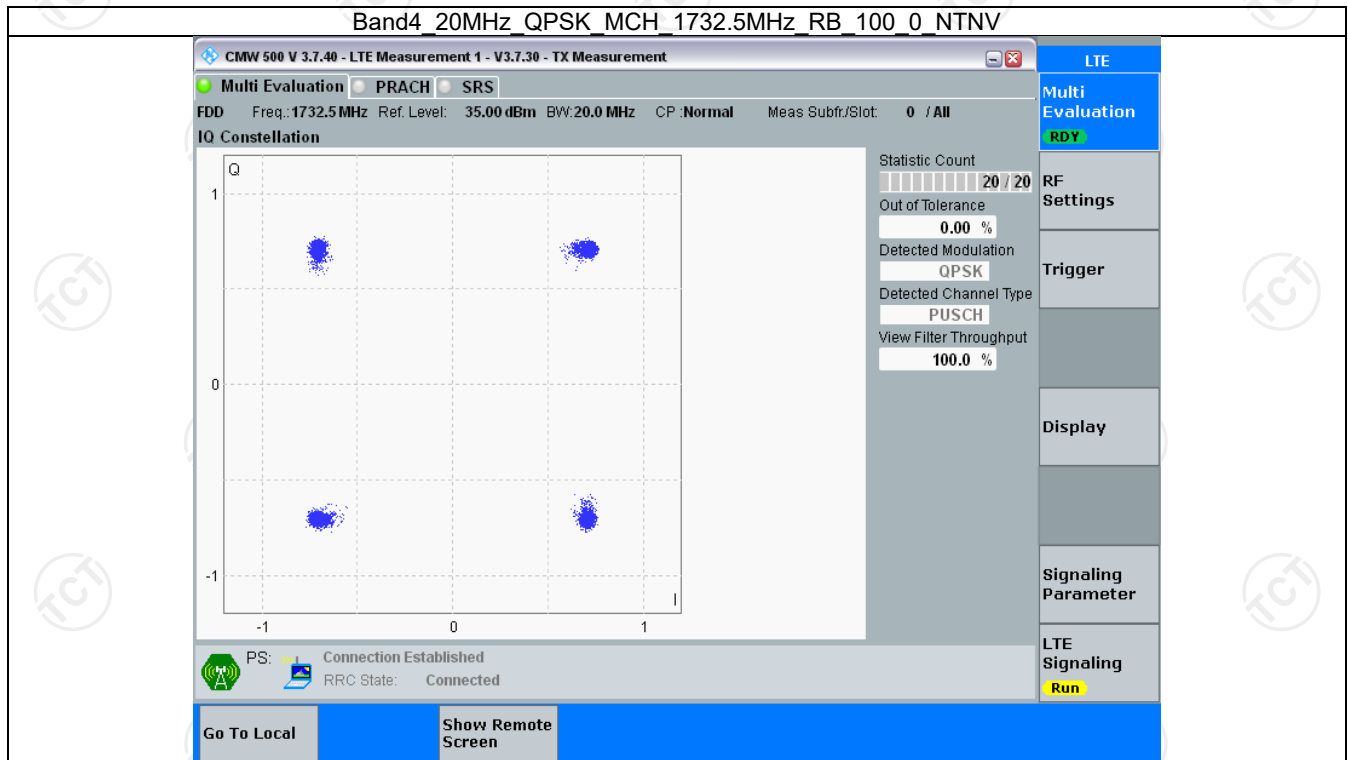
3.2.4 B4\_10MHz



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	1.108	/	Pass
		1732.5	6	0	1.101	/	Pass
		1754.3	6	0	1.100	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1732.5	6	0	1.104	/	Pass
		1754.3	6	0	1.109	/	Pass
3	QPSK	1711.5	15	0	2.715	/	Pass
		1732.5	15	0	2.722	/	Pass
		1753.5	15	0	2.715	/	Pass
	16QAM	1711.5	15	0	2.711	/	Pass
		1732.5	15	0	2.718	/	Pass
		1753.5	15	0	2.711	/	Pass
5	QPSK	1712.5	25	0	4.552	/	Pass
		1732.5	25	0	4.565	/	Pass
		1752.5	25	0	4.572	/	Pass
	16QAM	1712.5	25	0	4.554	/	Pass
		1732.5	25	0	4.591	/	Pass
		1752.5	25	0	4.545	/	Pass
10	QPSK	1715	50	0	9.105	/	Pass
		1732.5	50	0	9.048	/	Pass
		1750	50	0	9.045	/	Pass
	16QAM	1715	50	0	9.075	/	Pass
		1732.5	50	0	9.060	/	Pass
		1750	50	0	9.078	/	Pass
15	QPSK	1717.5	75	0	13.594	/	Pass
		1732.5	75	0	13.530	/	Pass
		1747.5	75	0	13.578	/	Pass
	16QAM	1717.5	75	0	13.631	/	Pass
		1732.5	75	0	13.560	/	Pass
		1747.5	75	0	13.567	/	Pass
20	QPSK	1720	100	0	18.113	/	Pass
		1732.5	100	0	18.079	/	Pass
		1745	100	0	18.084	/	Pass
	16QAM	1720	100	0	18.093	/	Pass
		1732.5	100	0	18.055	/	Pass
		1745	100	0	18.076	/	Pass

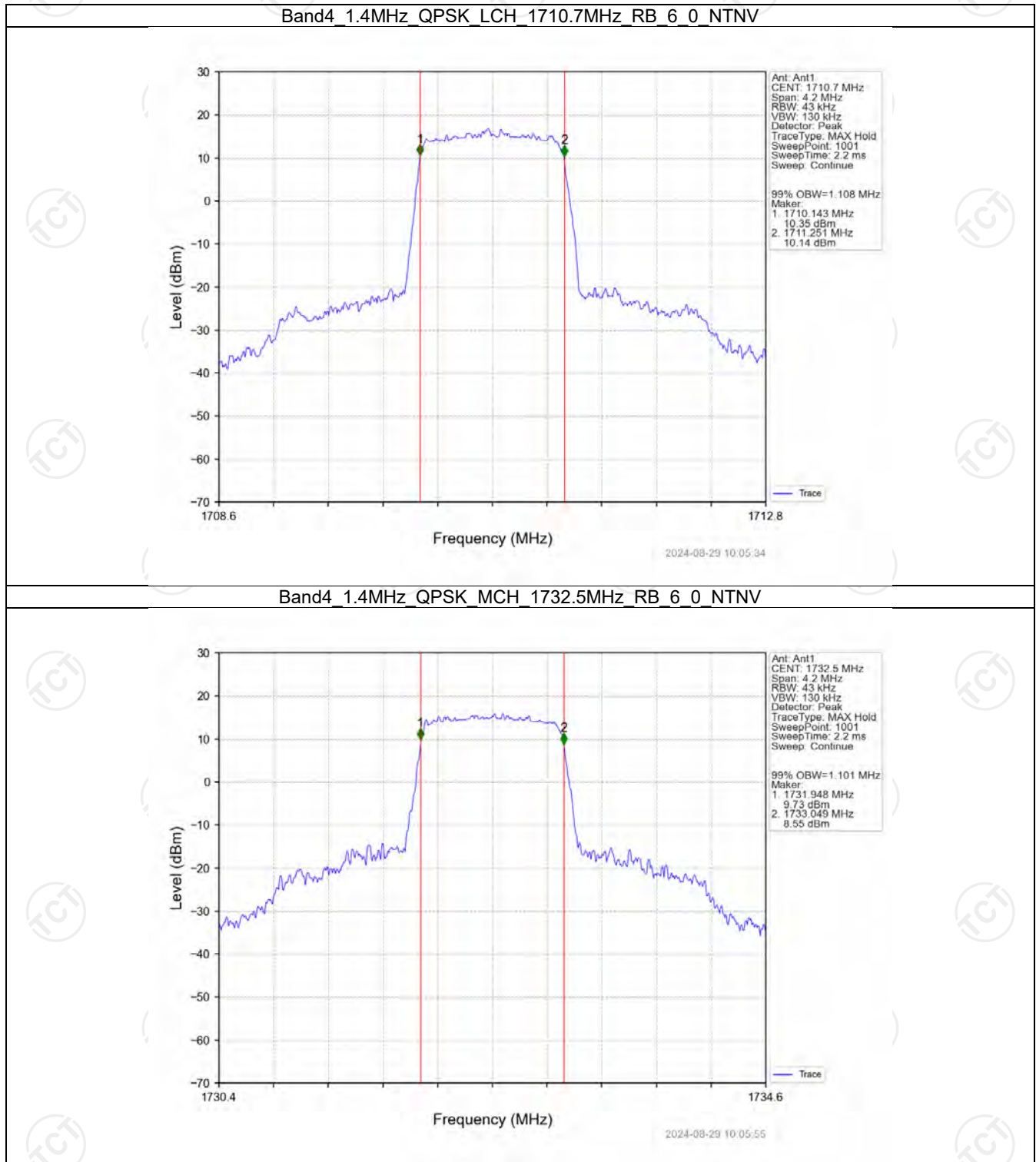
#### 4.1.2 Band4\_XDB

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	1.260	/	Pass
		1732.5	6	0	1.275	/	Pass
		1754.3	6	0	1.262	/	Pass

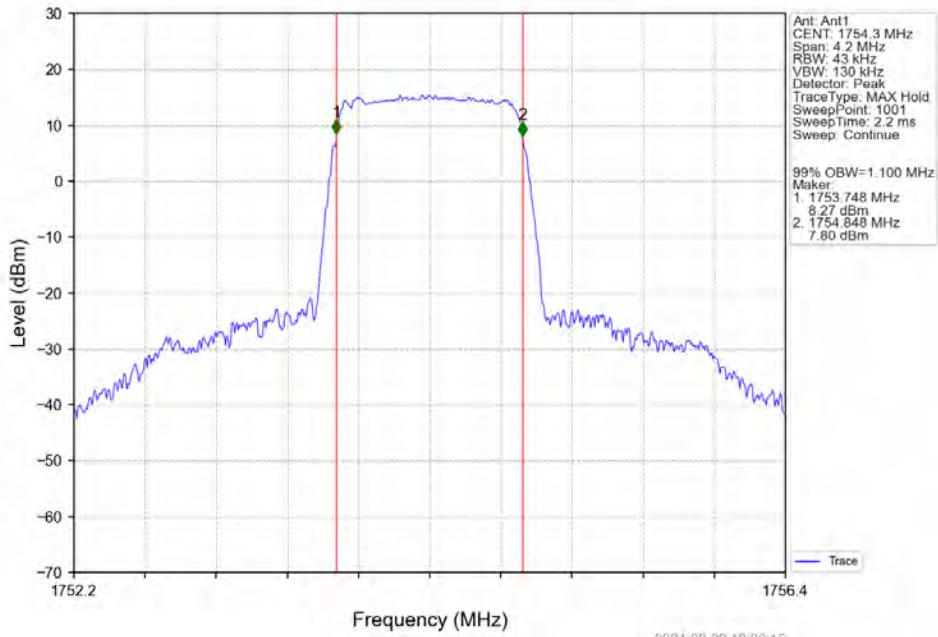
	16QAM	1710.7	6	0	1.268	/	Pass
		1732.5	6	0	1.266	/	Pass
		1754.3	6	0	1.268	/	Pass
3	QPSK	1711.5	15	0	2.970	/	Pass
		1732.5	15	0	2.966	/	Pass
		1753.5	15	0	2.967	/	Pass
	16QAM	1711.5	15	0	2.970	/	Pass
		1732.5	15	0	2.990	/	Pass
		1753.5	15	0	2.959	/	Pass
5	QPSK	1712.5	25	0	5.042	/	Pass
		1732.5	25	0	5.062	/	Pass
		1752.5	25	0	5.065	/	Pass
	16QAM	1712.5	25	0	5.090	/	Pass
		1732.5	25	0	5.085	/	Pass
		1752.5	25	0	5.041	/	Pass
10	QPSK	1715	50	0	10.060	/	Pass
		1732.5	50	0	10.072	/	Pass
		1750	50	0	10.026	/	Pass
	16QAM	1715	50	0	10.072	/	Pass
		1732.5	50	0	10.088	/	Pass
		1750	50	0	10.045	/	Pass
15	QPSK	1717.5	75	0	15.210	/	Pass
		1732.5	75	0	15.169	/	Pass
		1747.5	75	0	15.171	/	Pass
	16QAM	1717.5	75	0	15.700	/	Pass
		1732.5	75	0	15.172	/	Pass
		1747.5	75	0	15.080	/	Pass
20	QPSK	1720	100	0	19.973	/	Pass
		1732.5	100	0	19.966	/	Pass
		1745	100	0	19.991	/	Pass
	16QAM	1720	100	0	20.097	/	Pass
		1732.5	100	0	19.839	/	Pass
		1745	100	0	20.015	/	Pass

## 4.2 Test Graph

### 4.2.1 Band4\_OBW

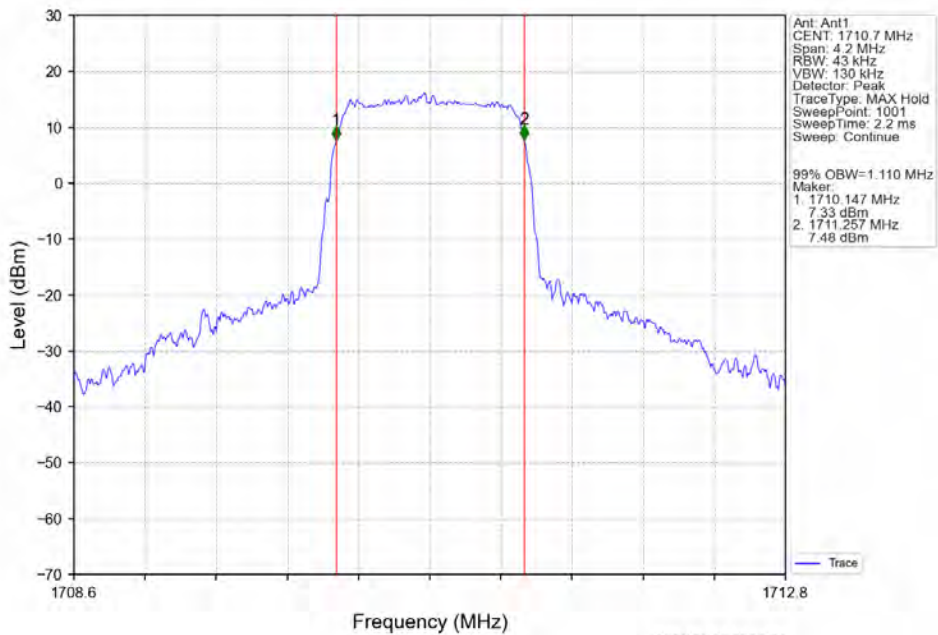


Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



2024-08-29 10:06:15

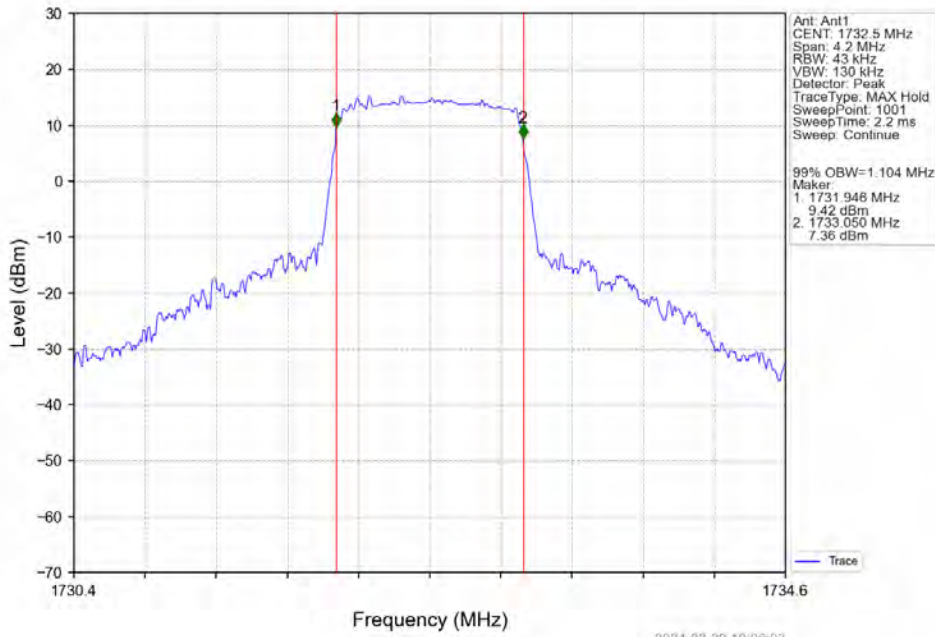
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



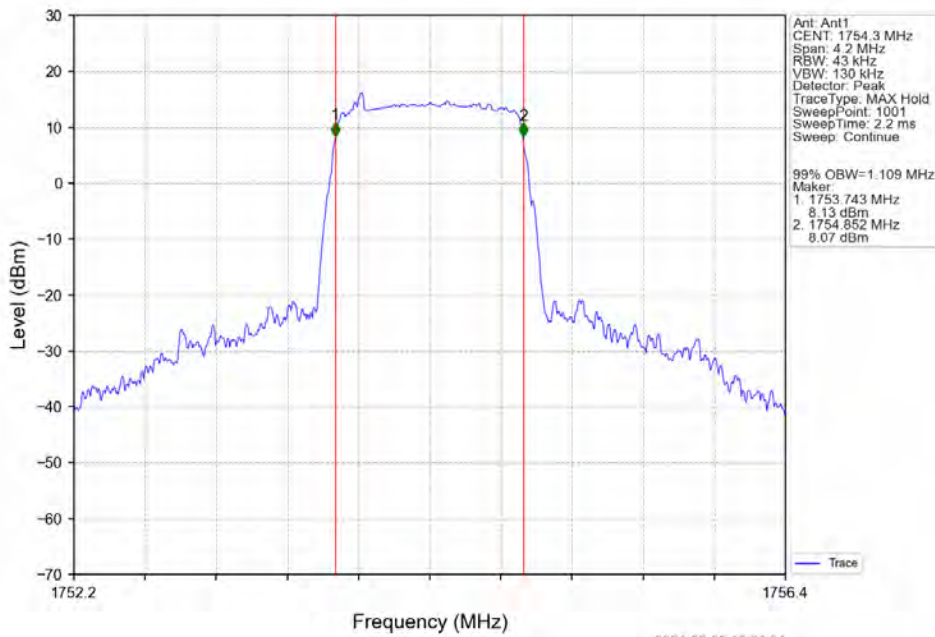
2024-08-29 10:05:43



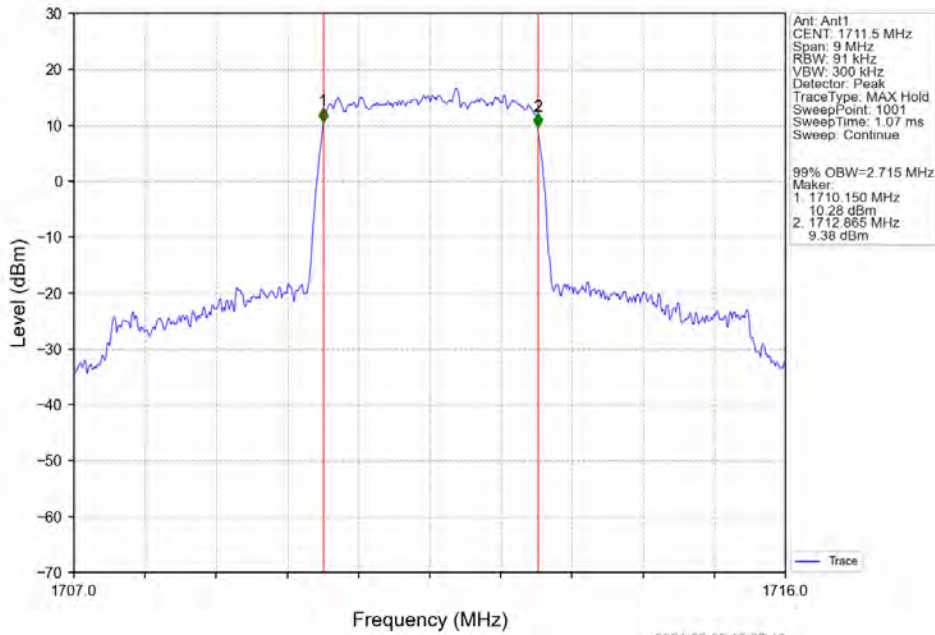
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTN



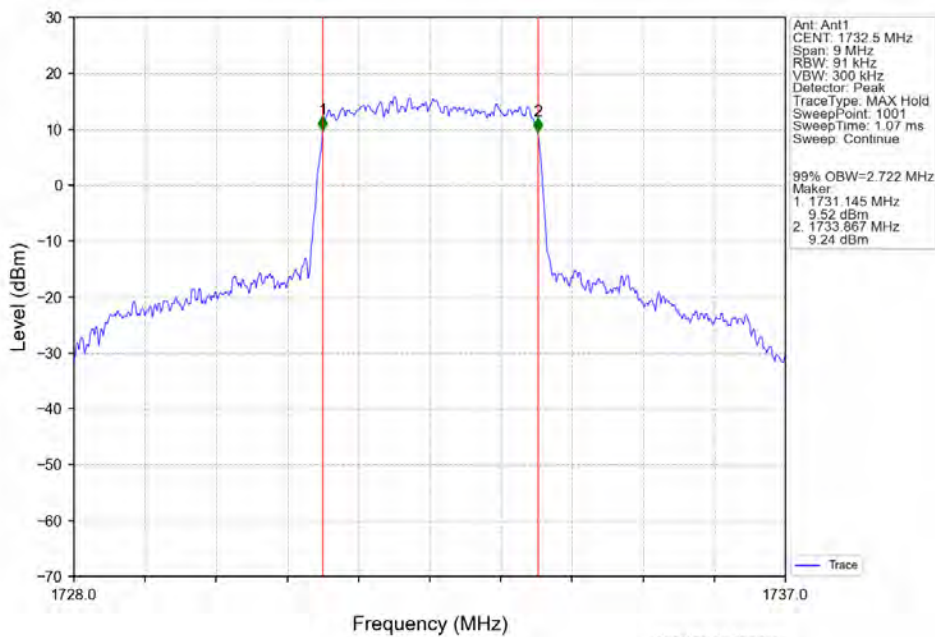
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTN



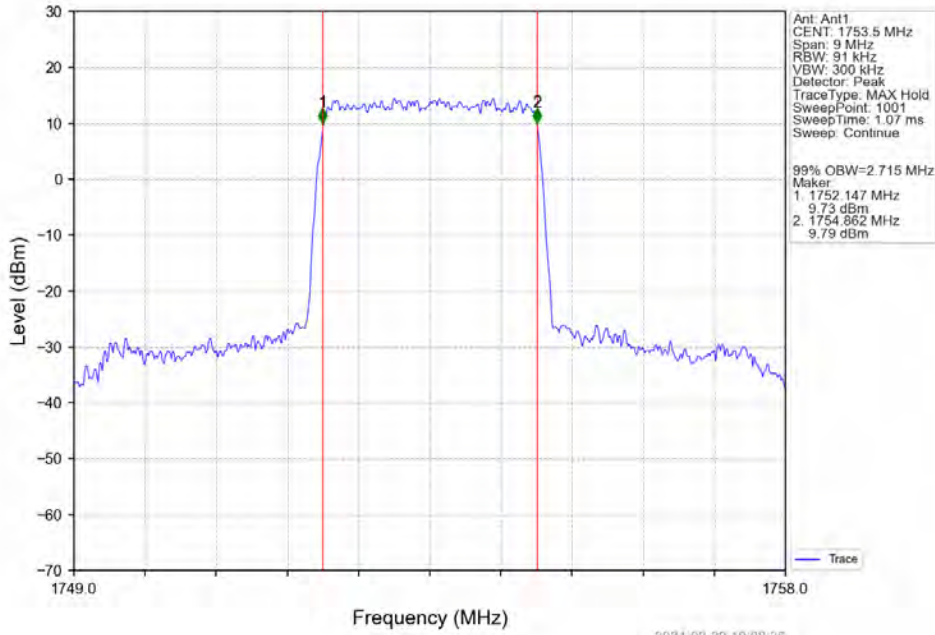
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV



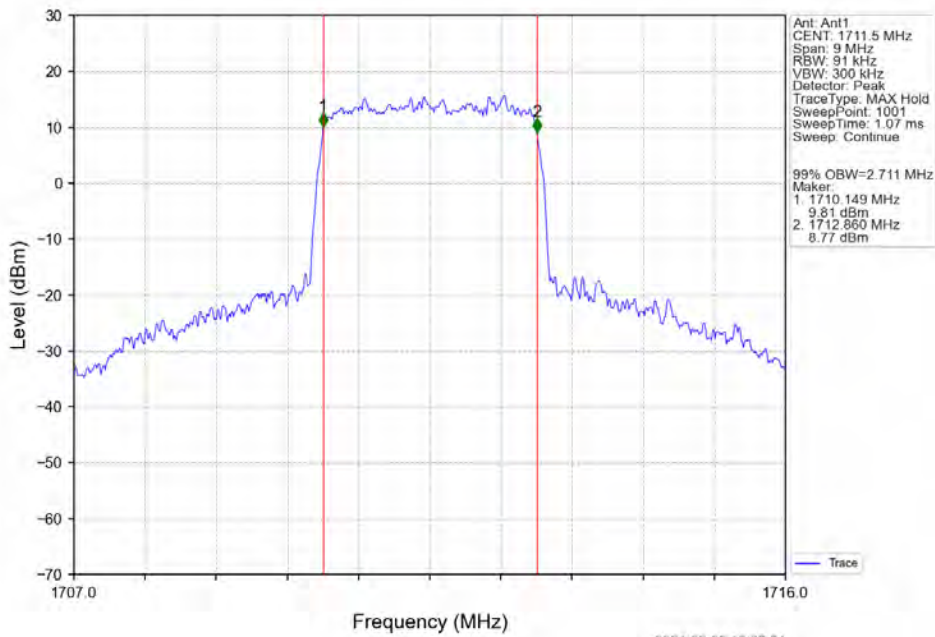
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



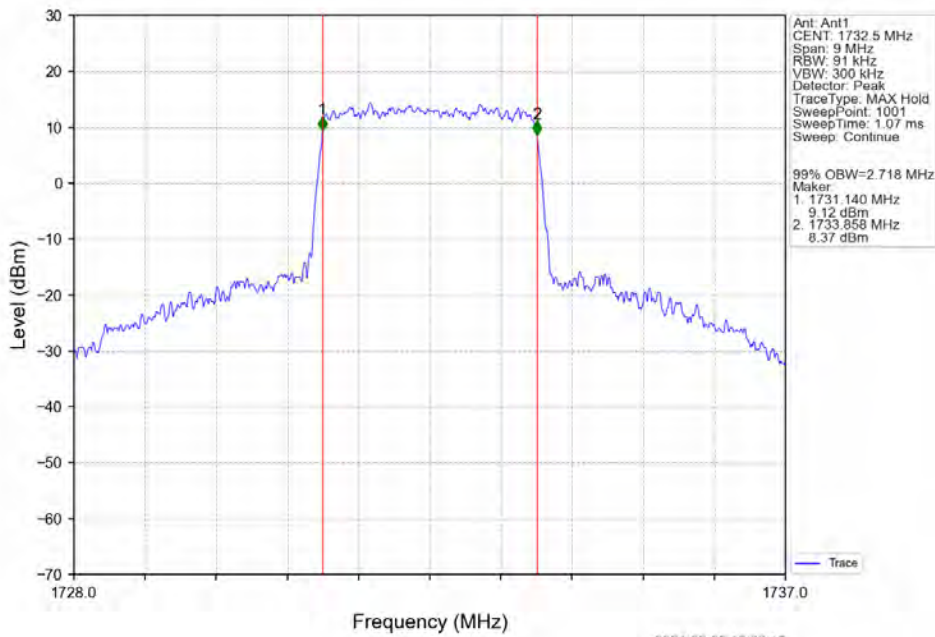
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



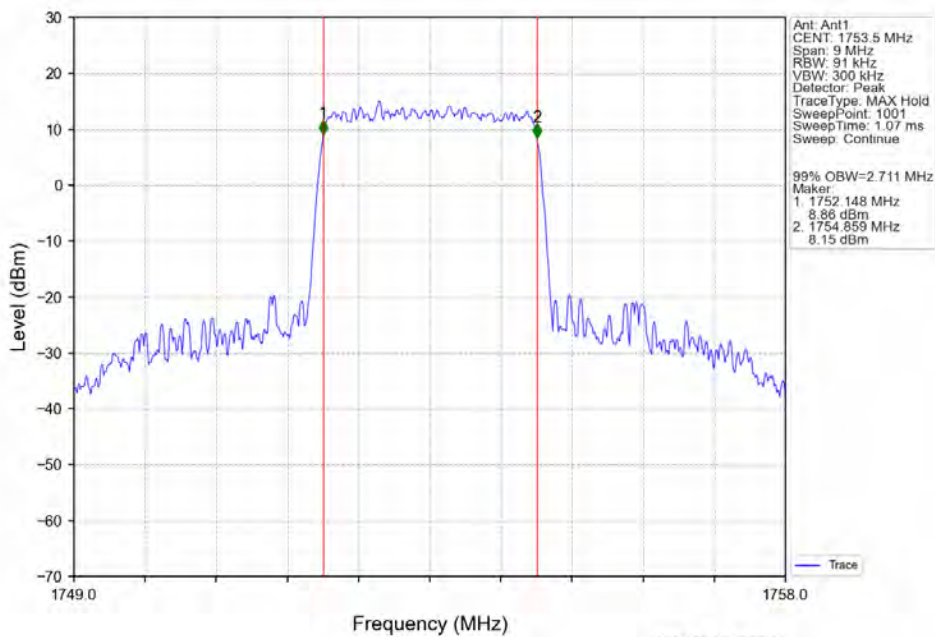
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



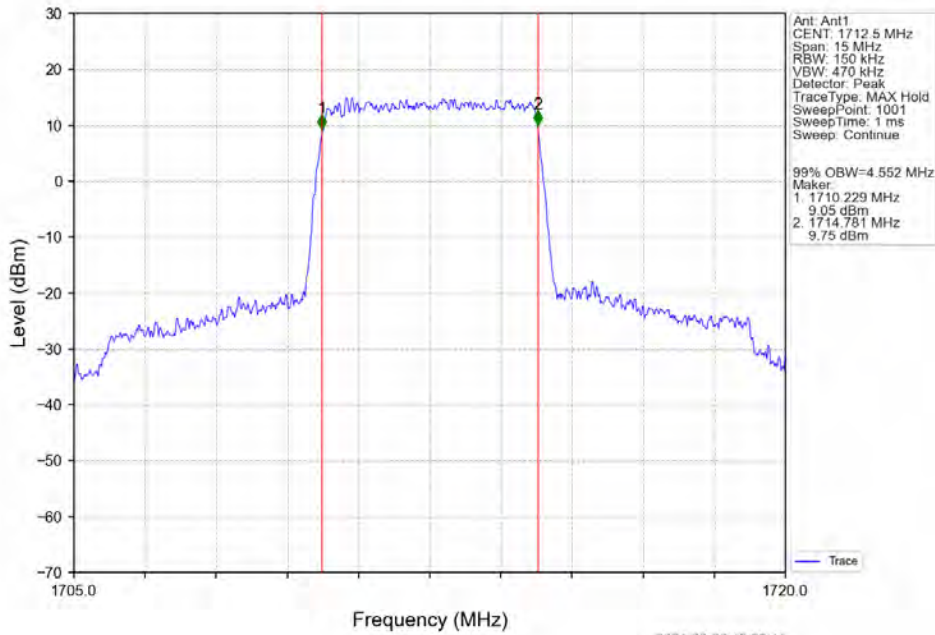
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



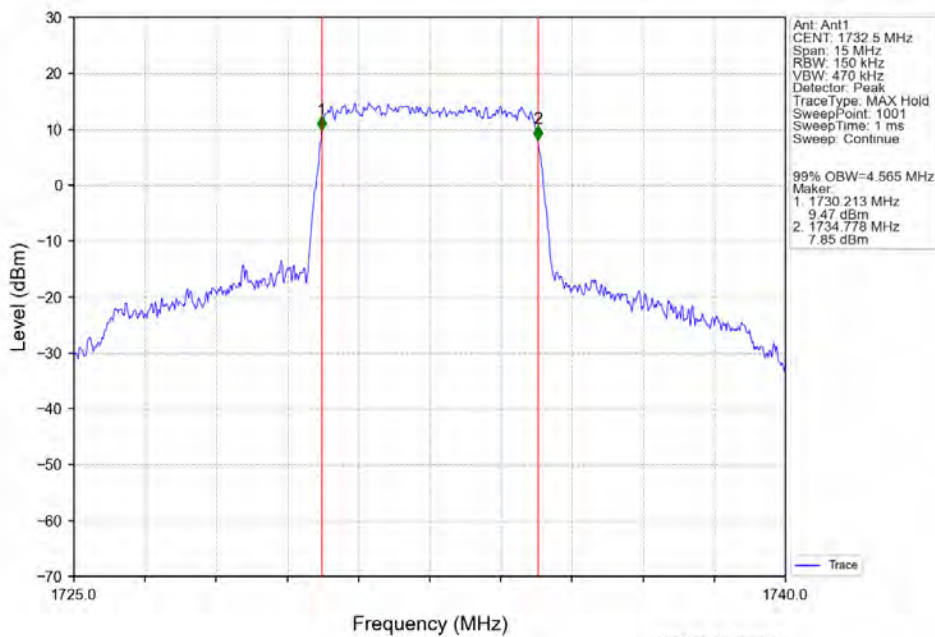
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



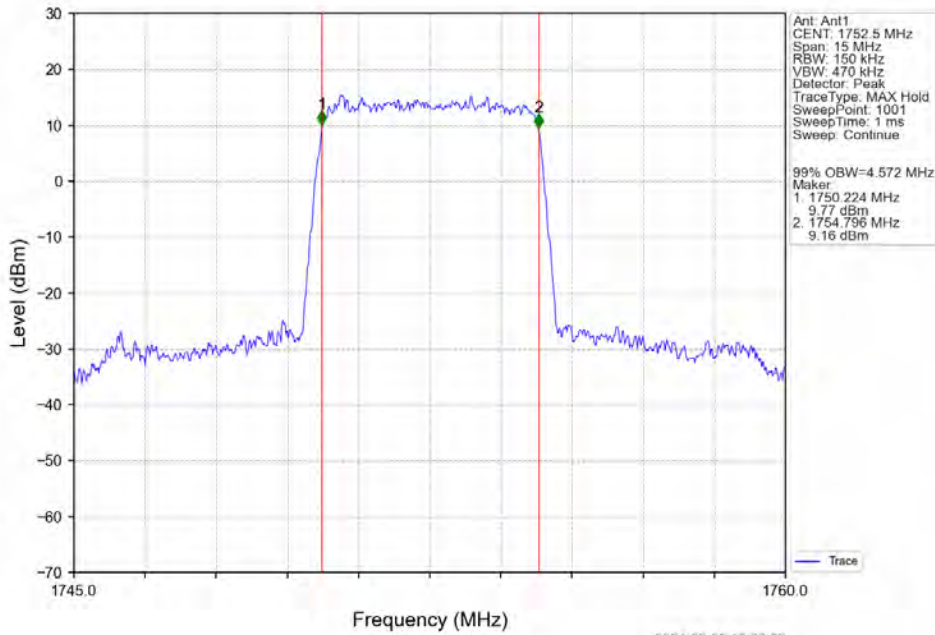
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTV



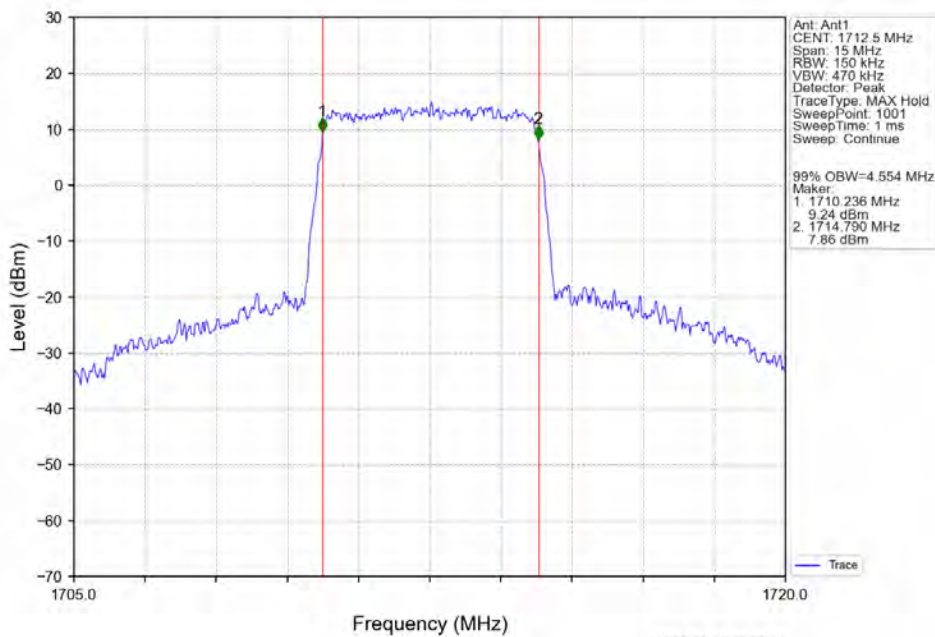
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



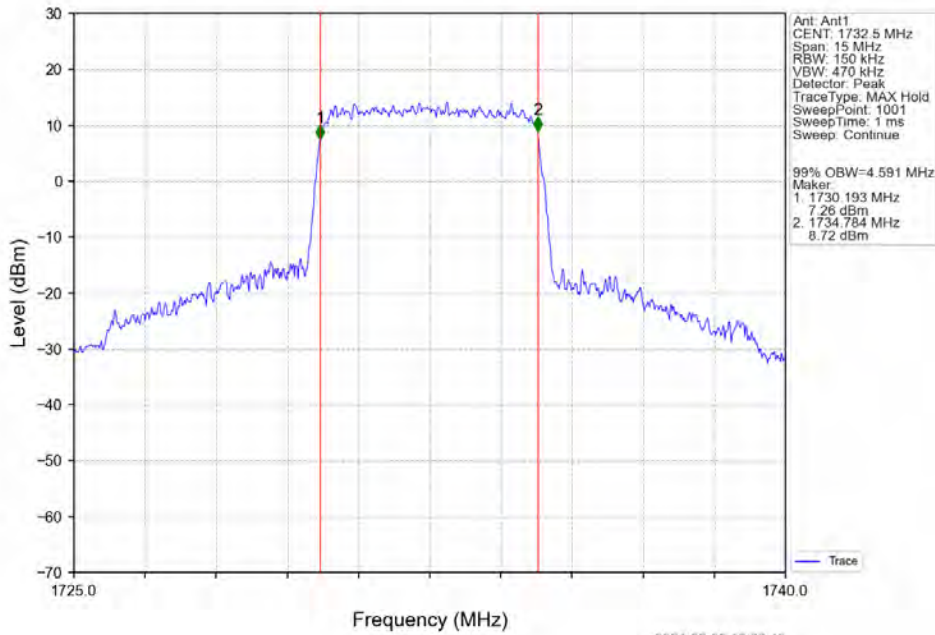
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



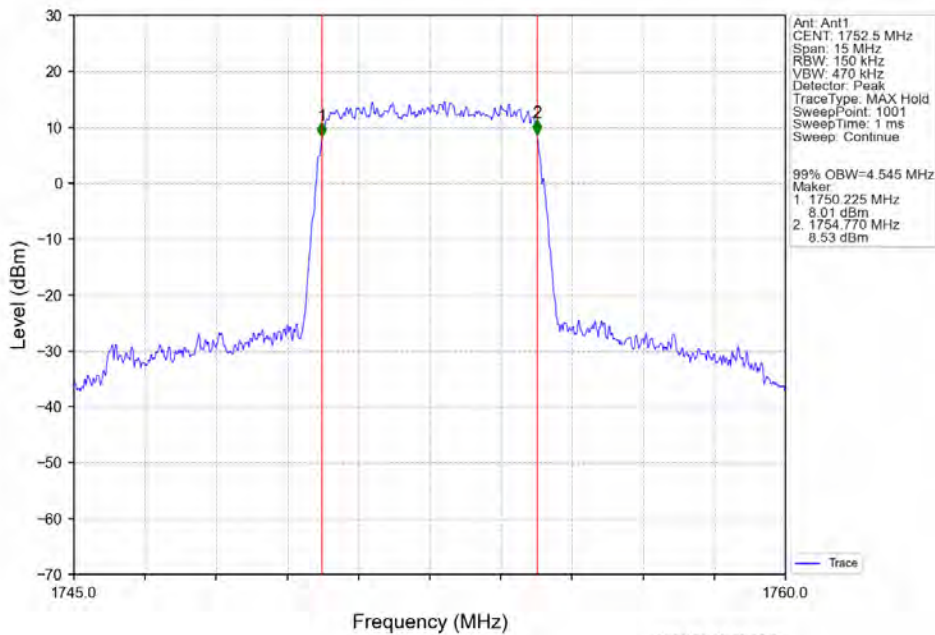
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



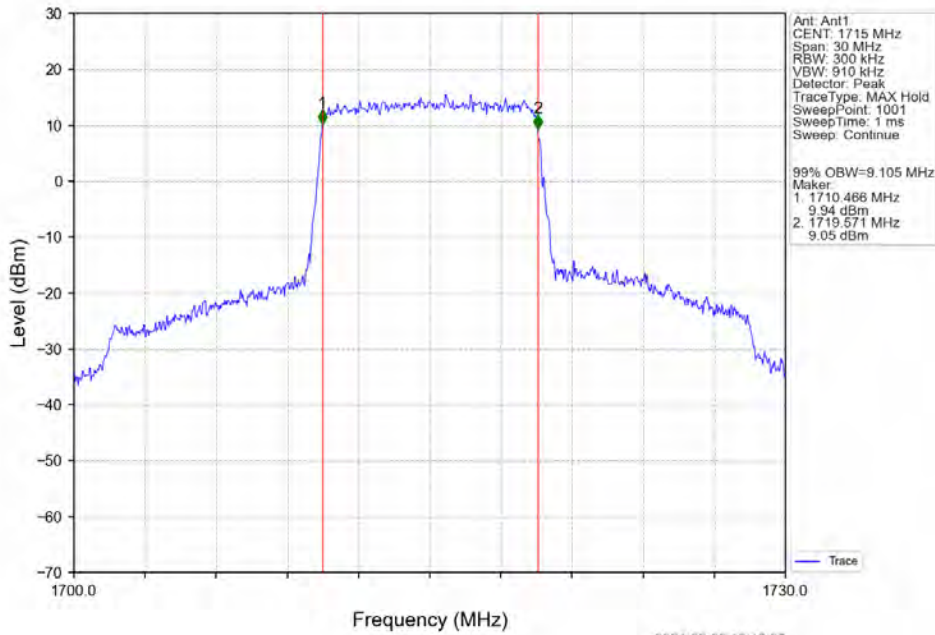
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV

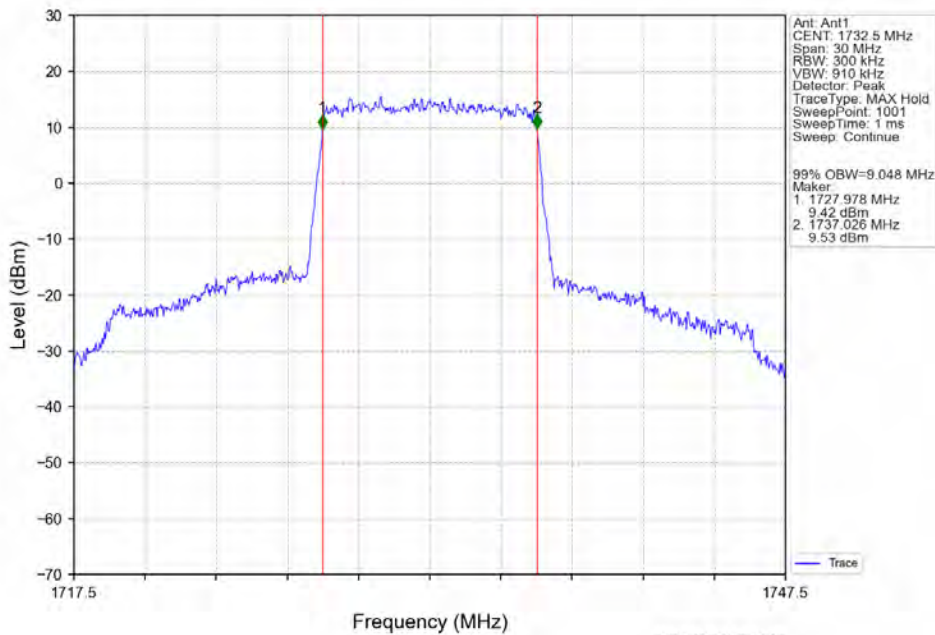


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTV



2024-08-29 10:10:37

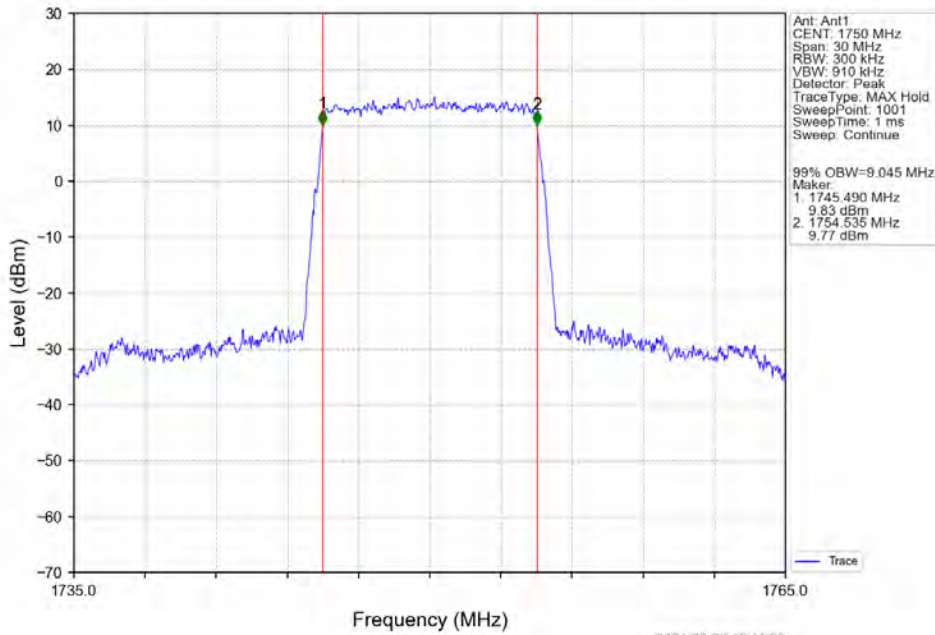
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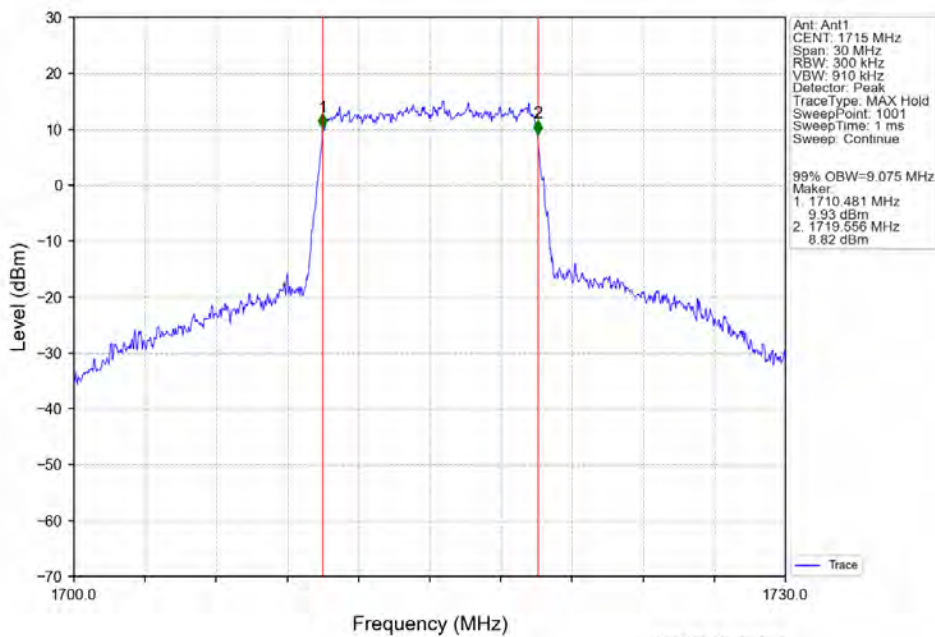
2024-08-29 10:11:00



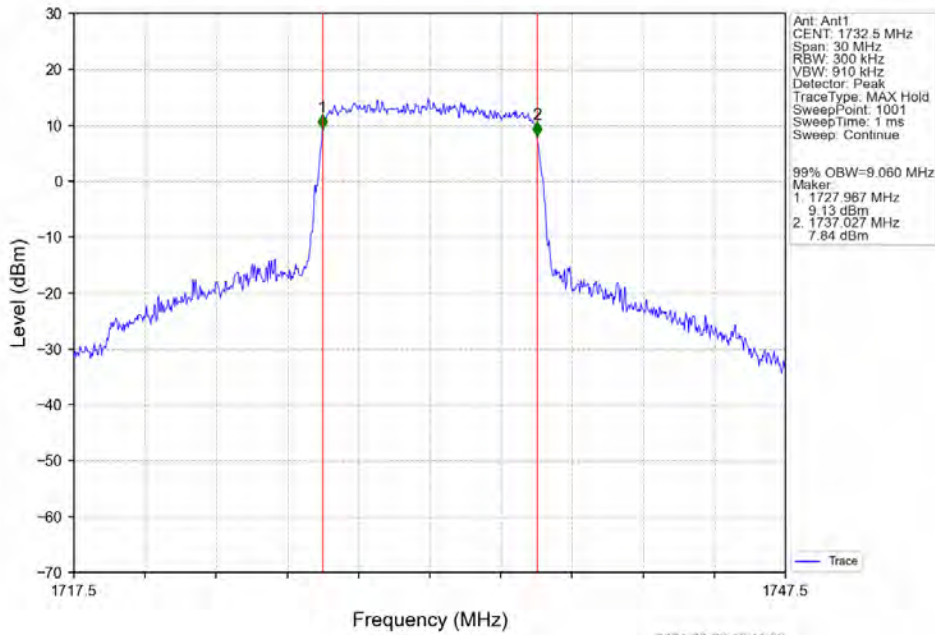
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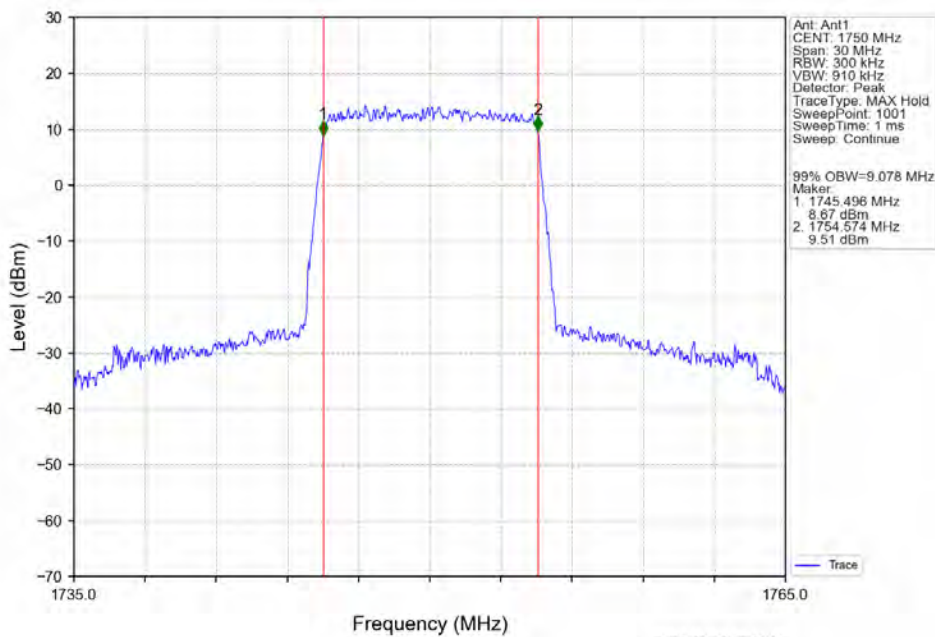
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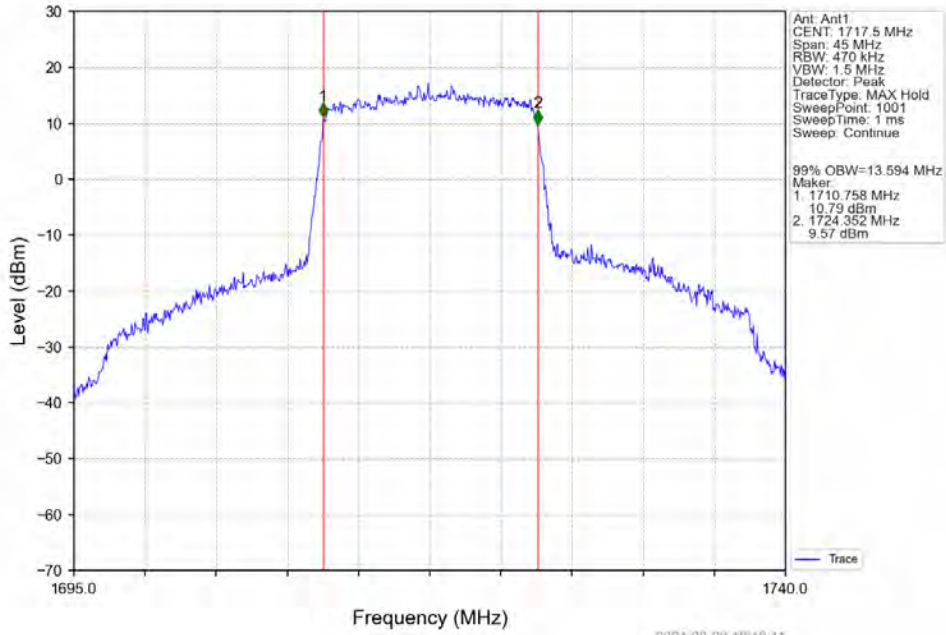
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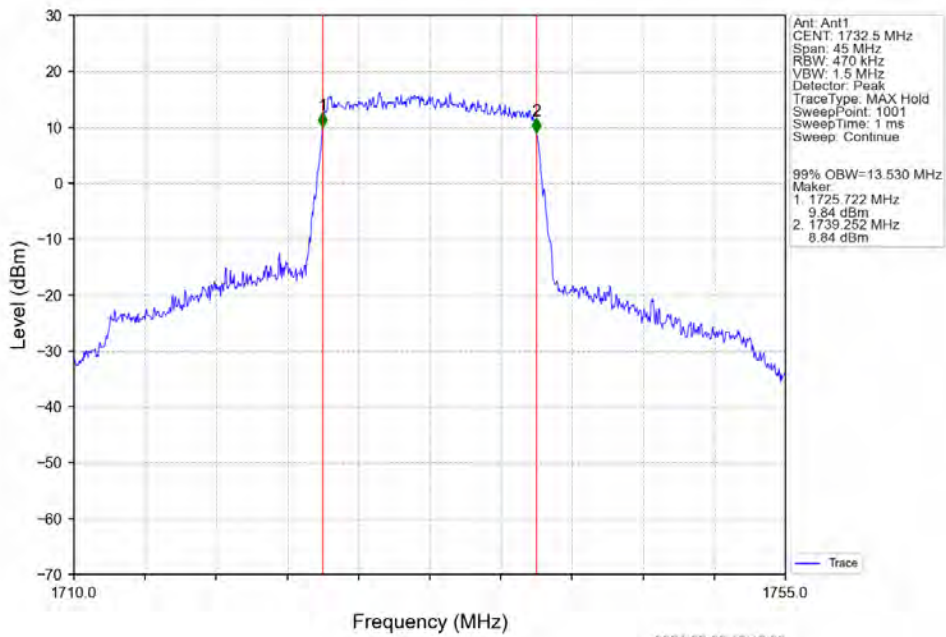
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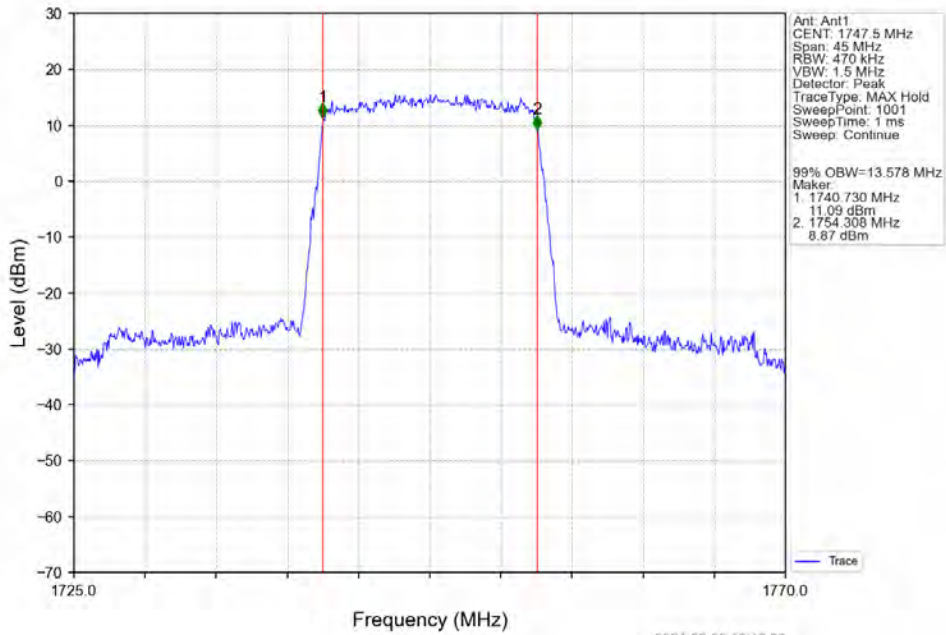
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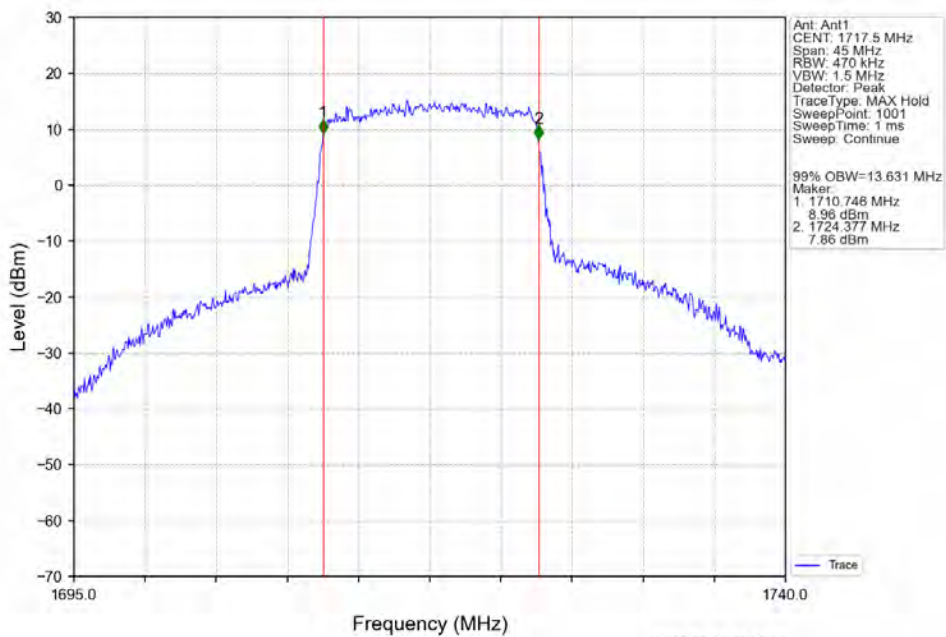
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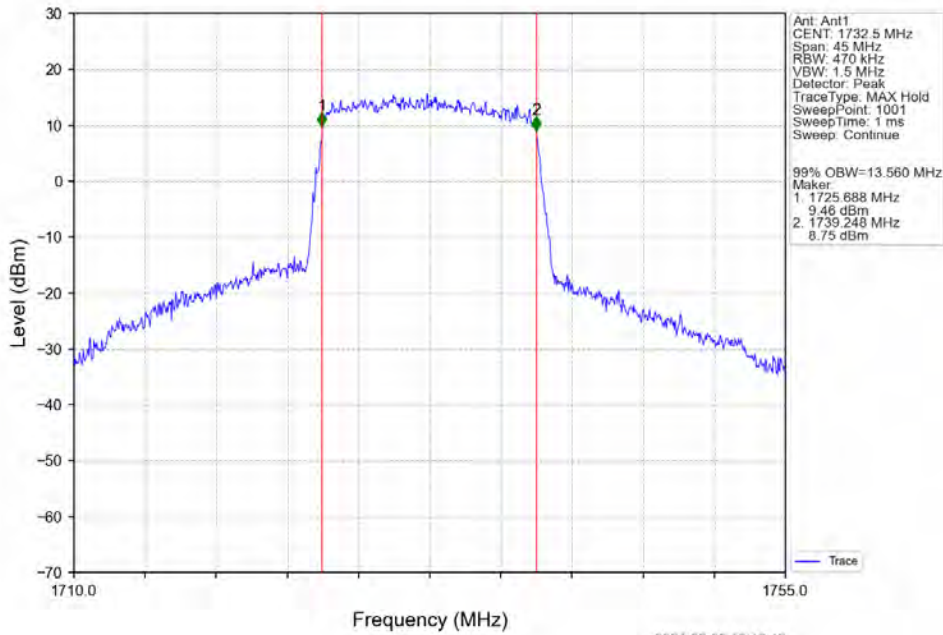
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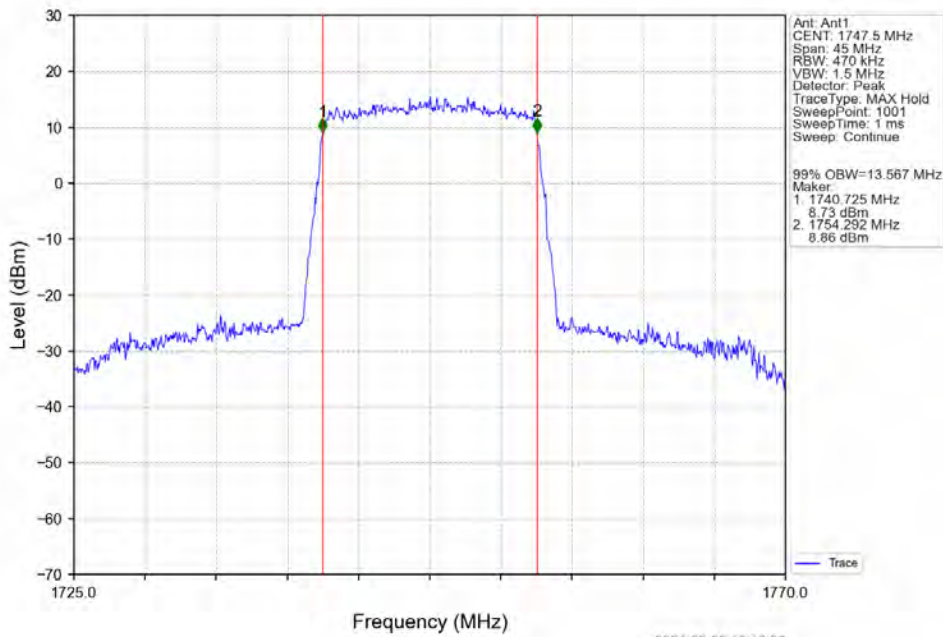
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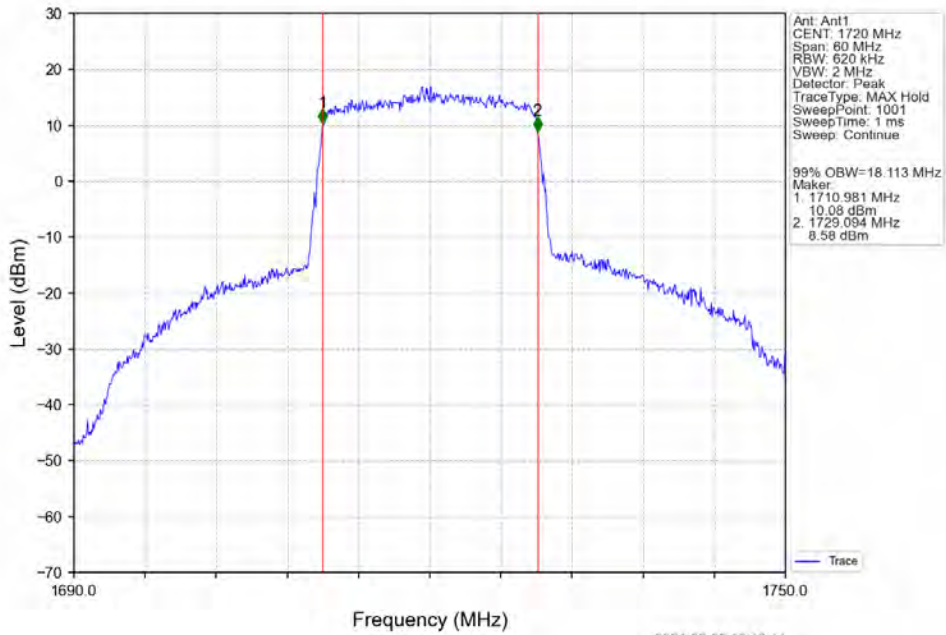
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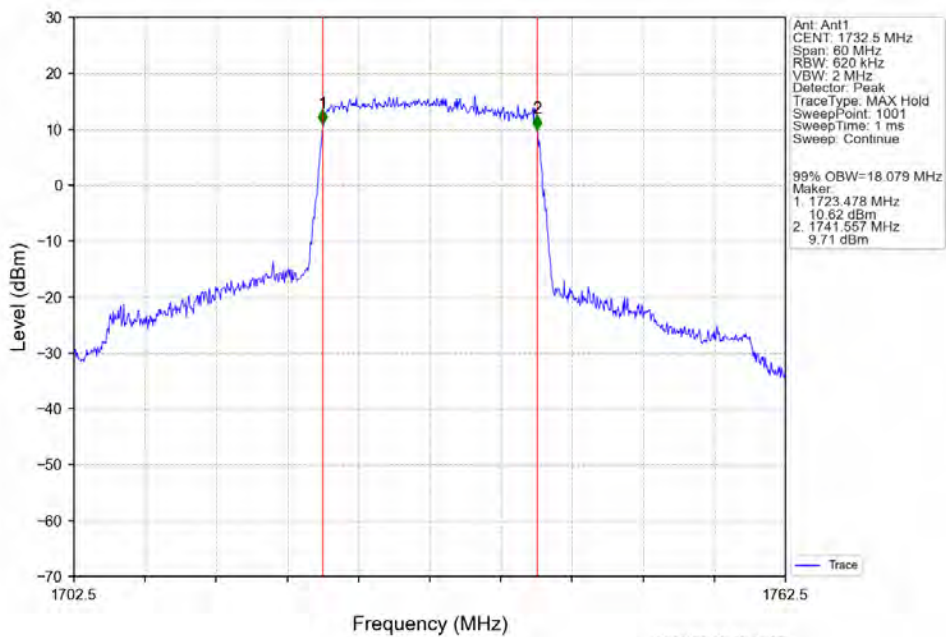
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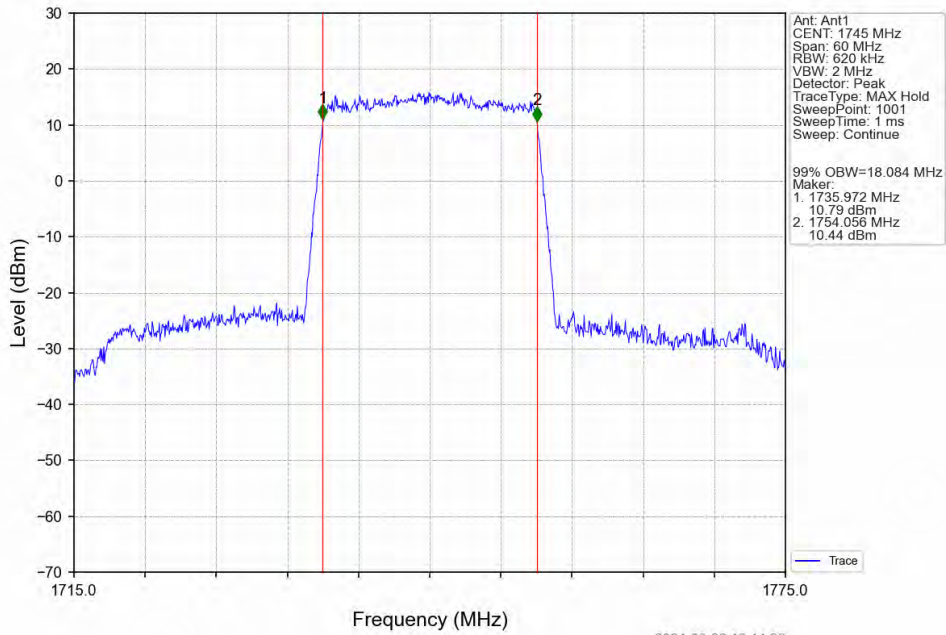
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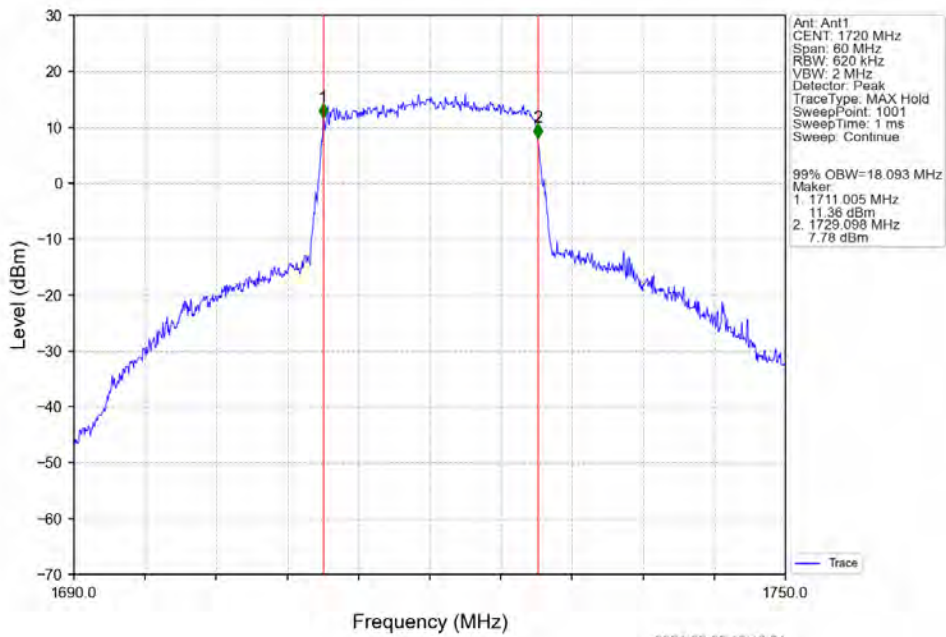
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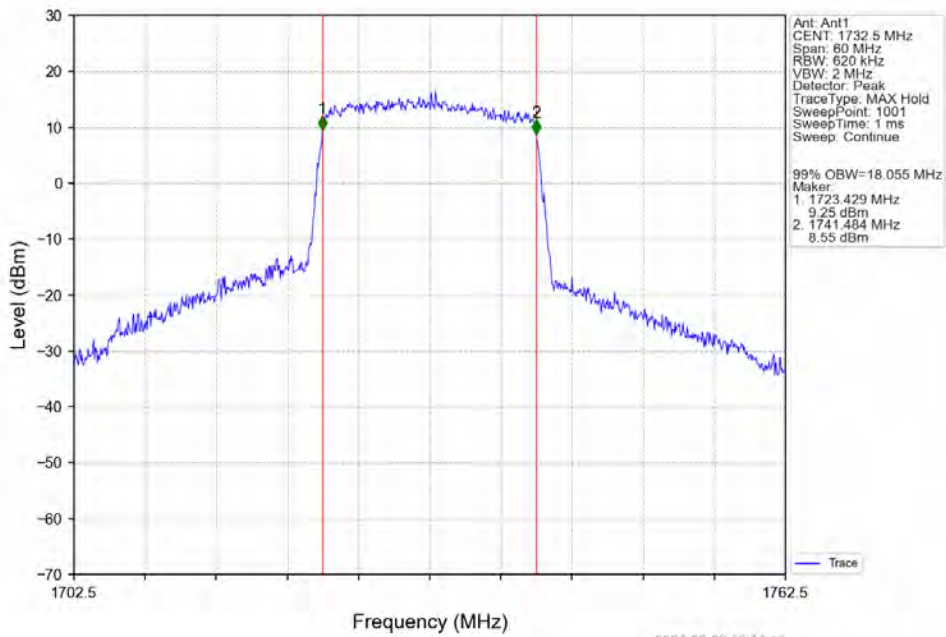
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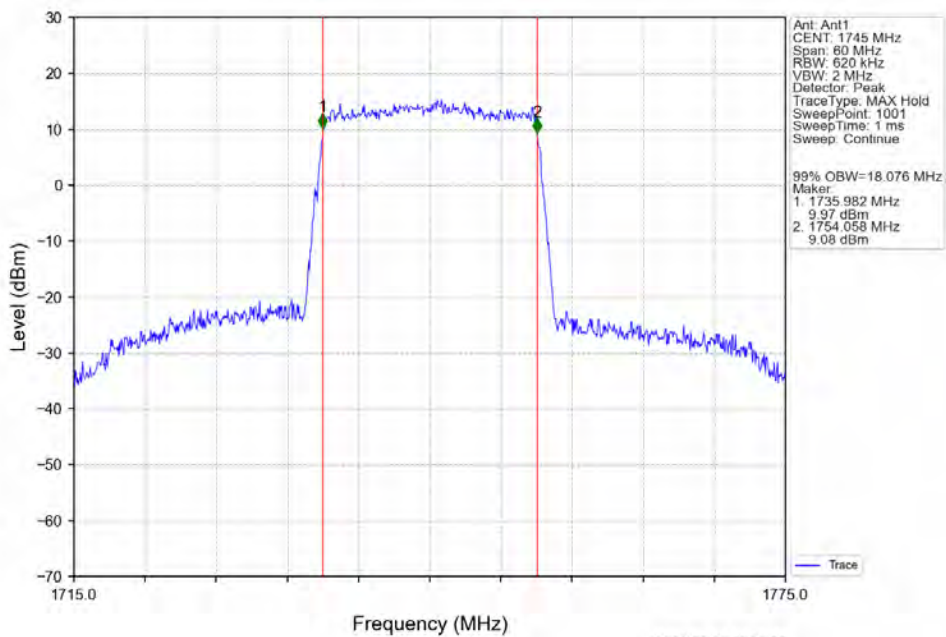
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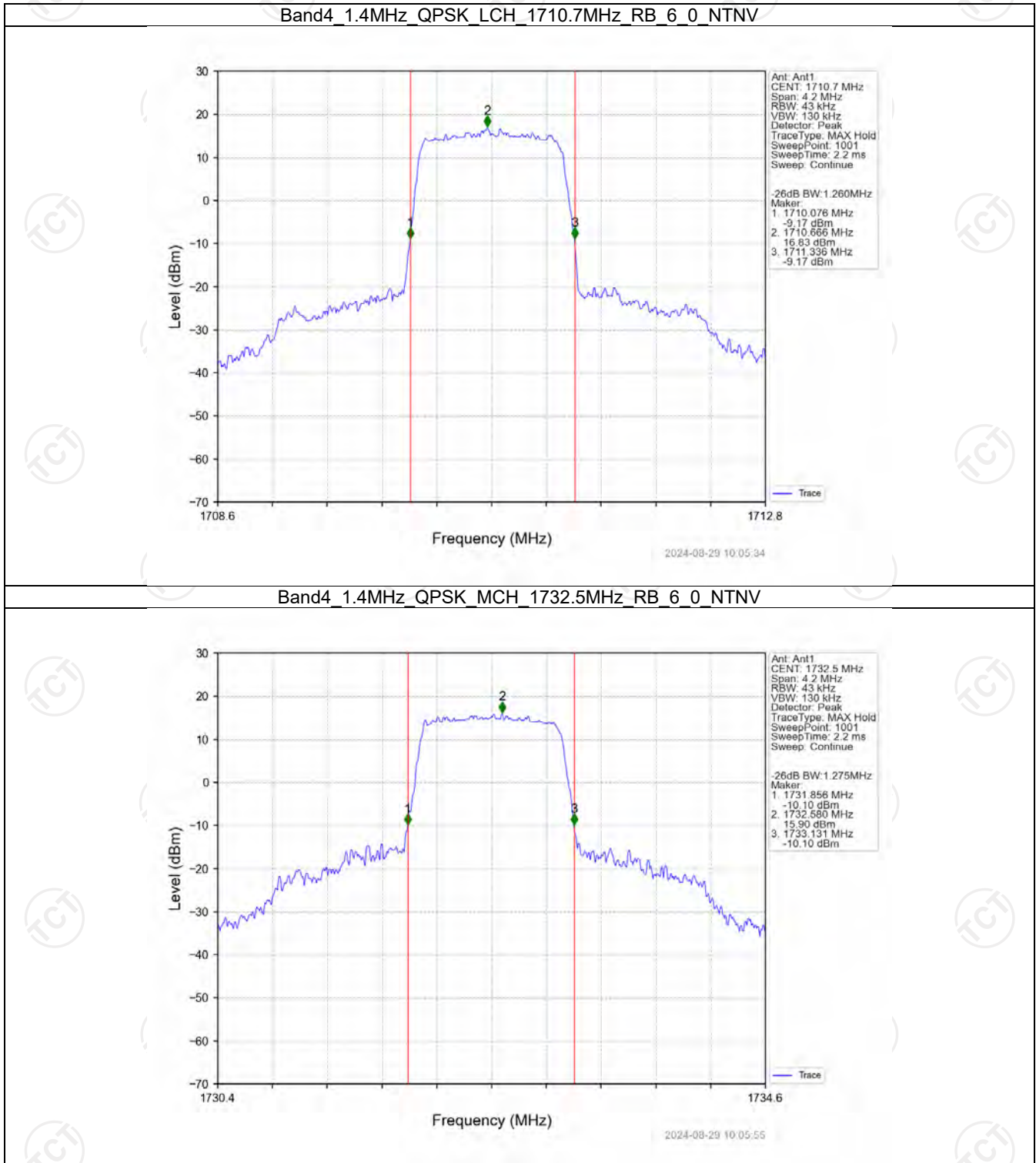


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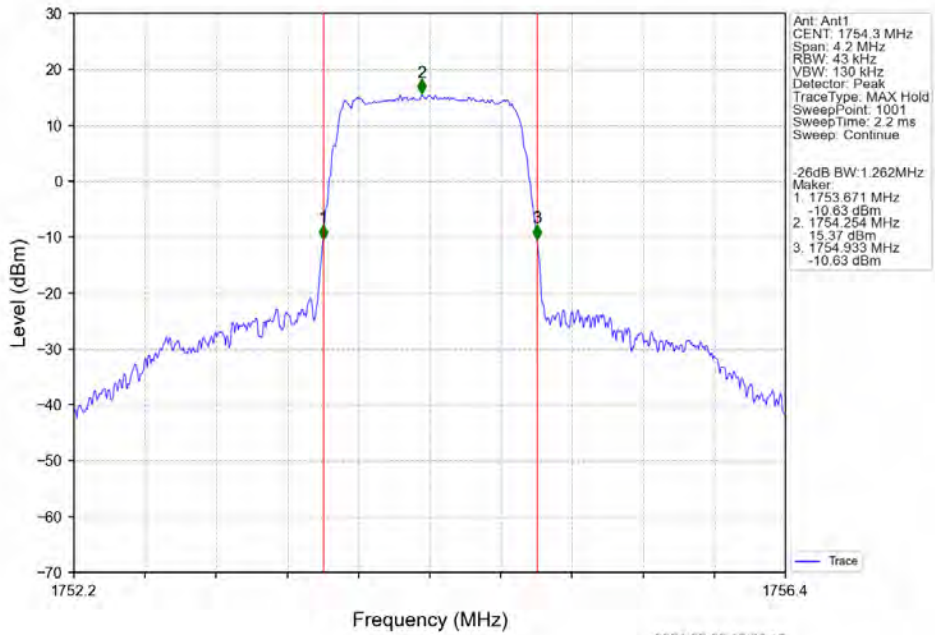




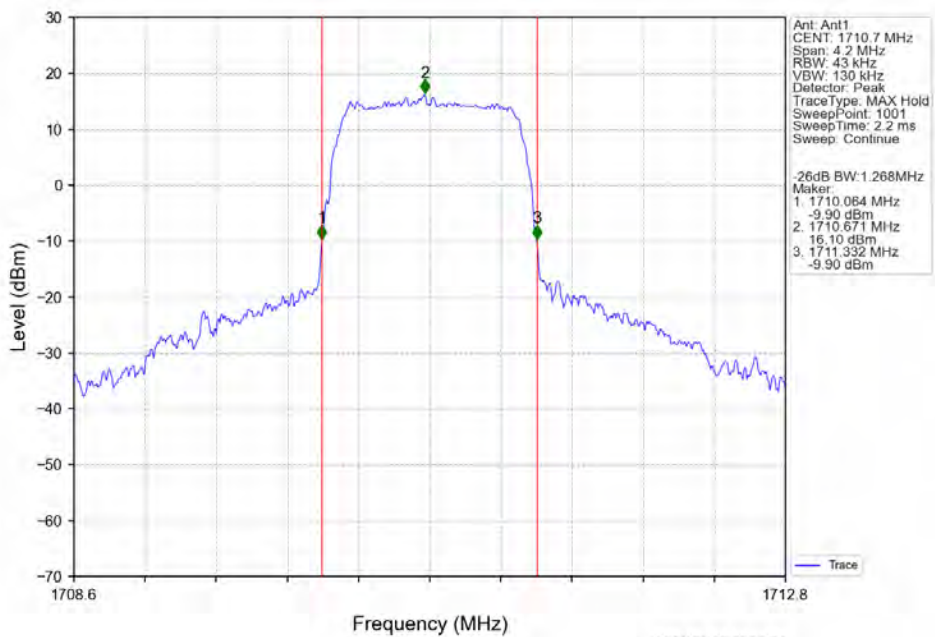
4.2.2 Band4\_XDB



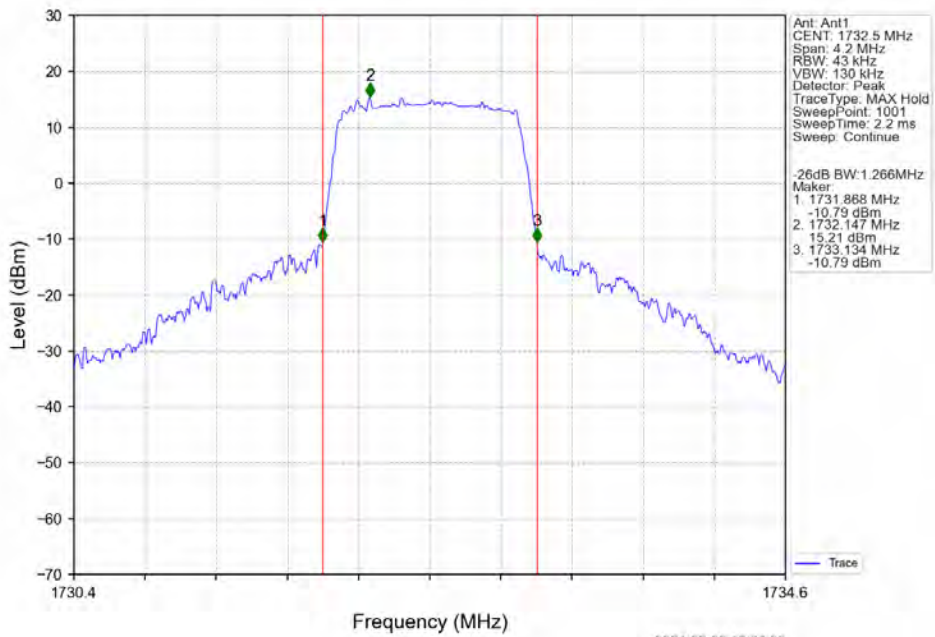
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



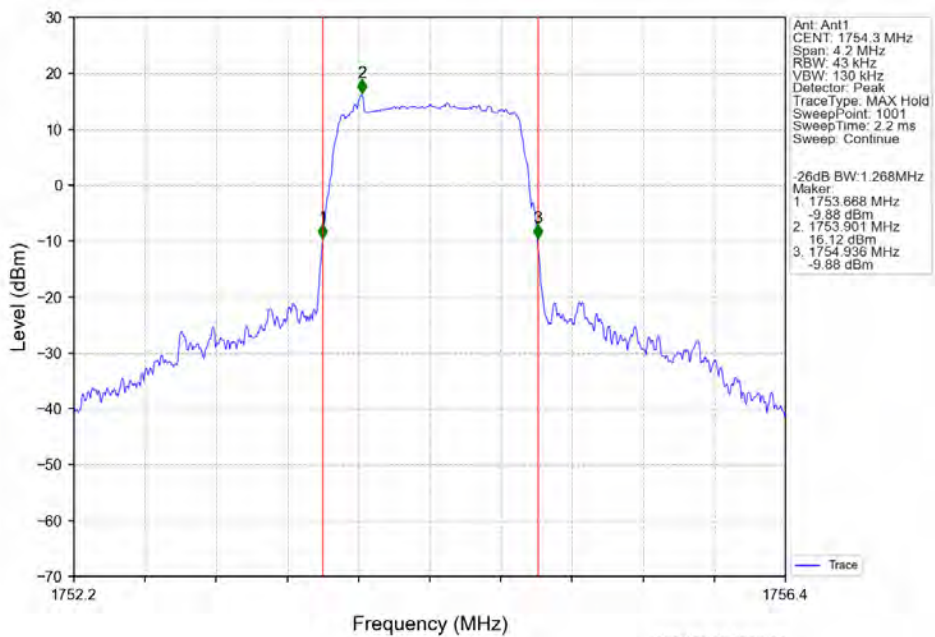
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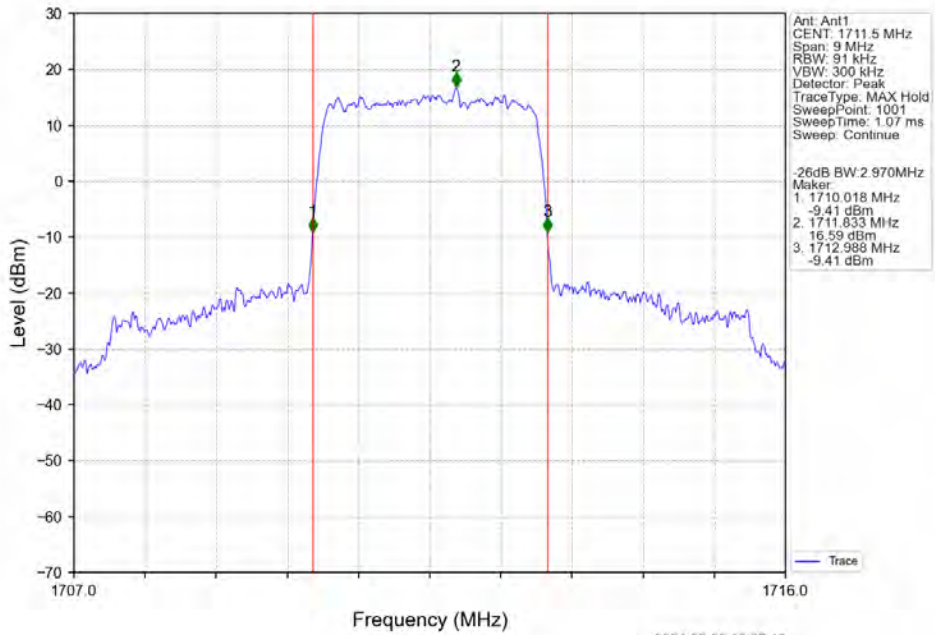
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTN



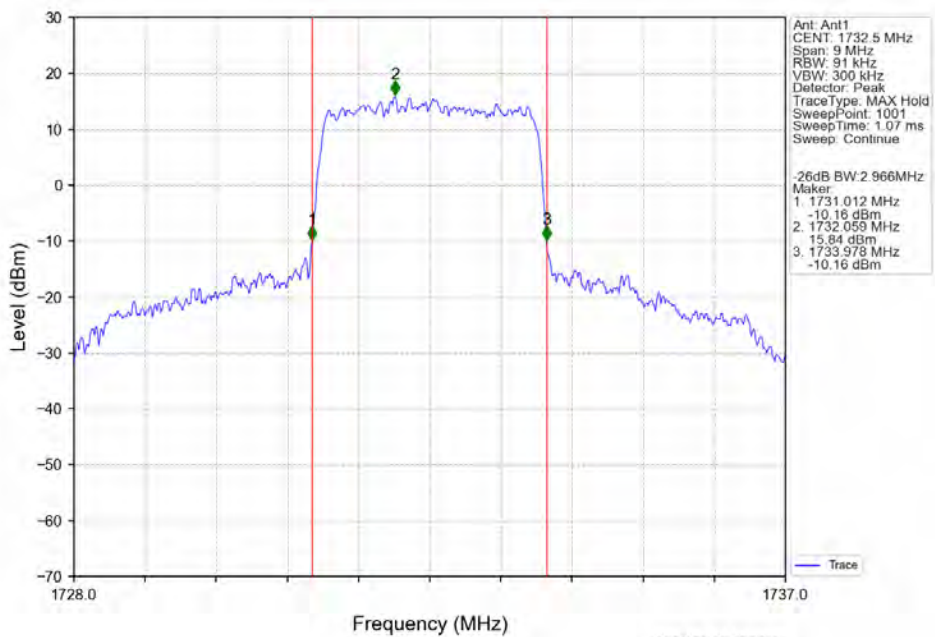
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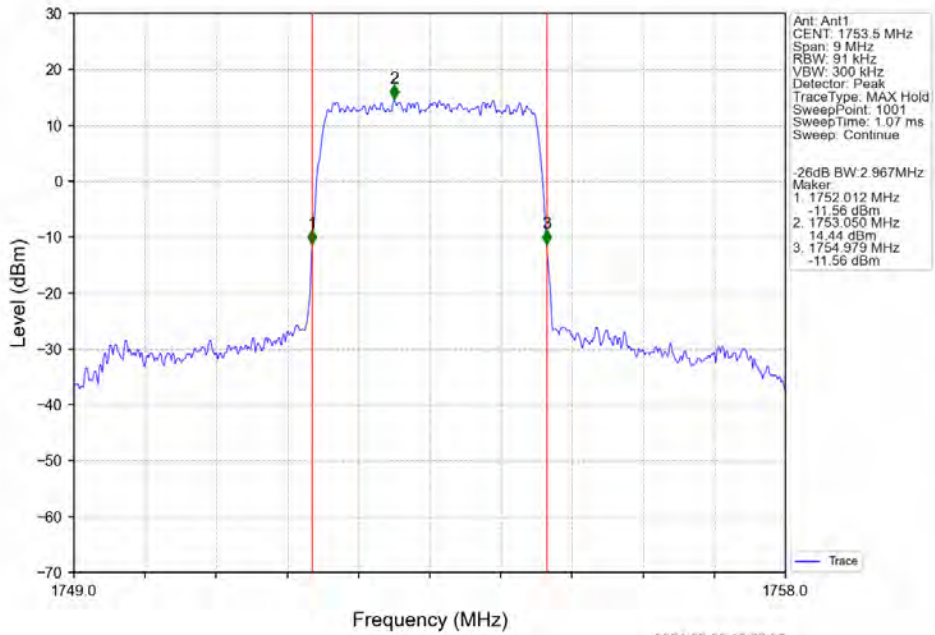
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN



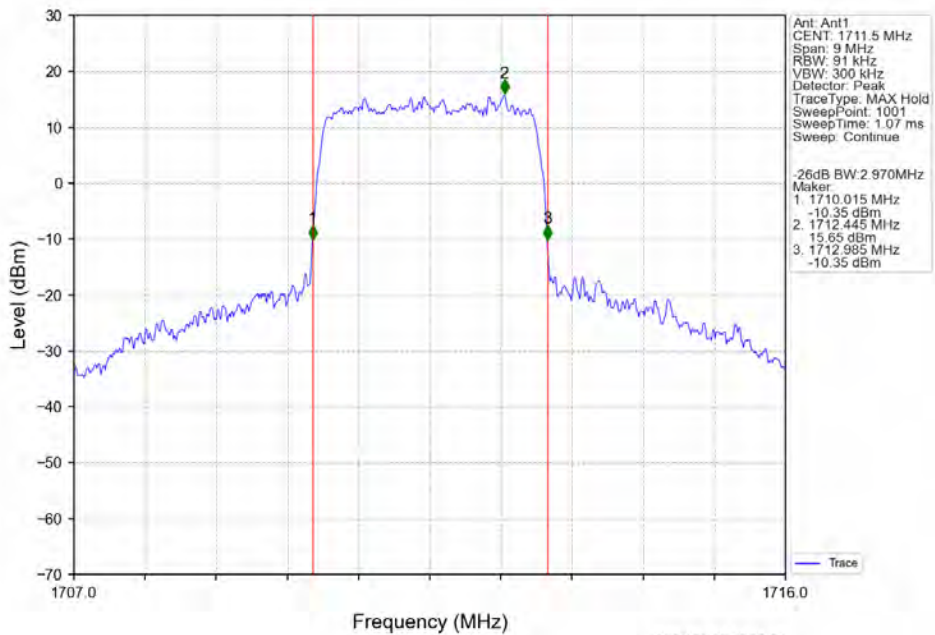
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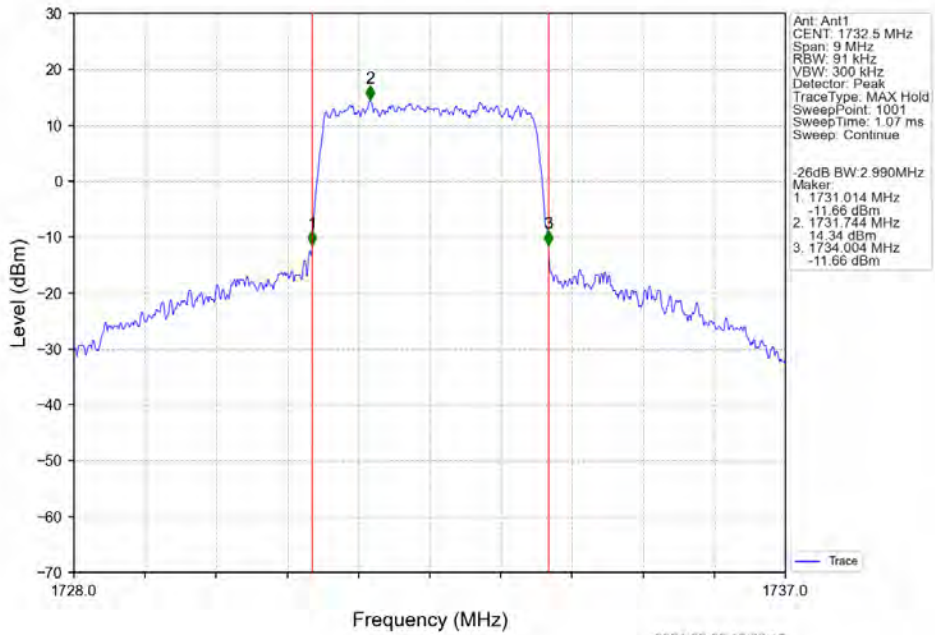
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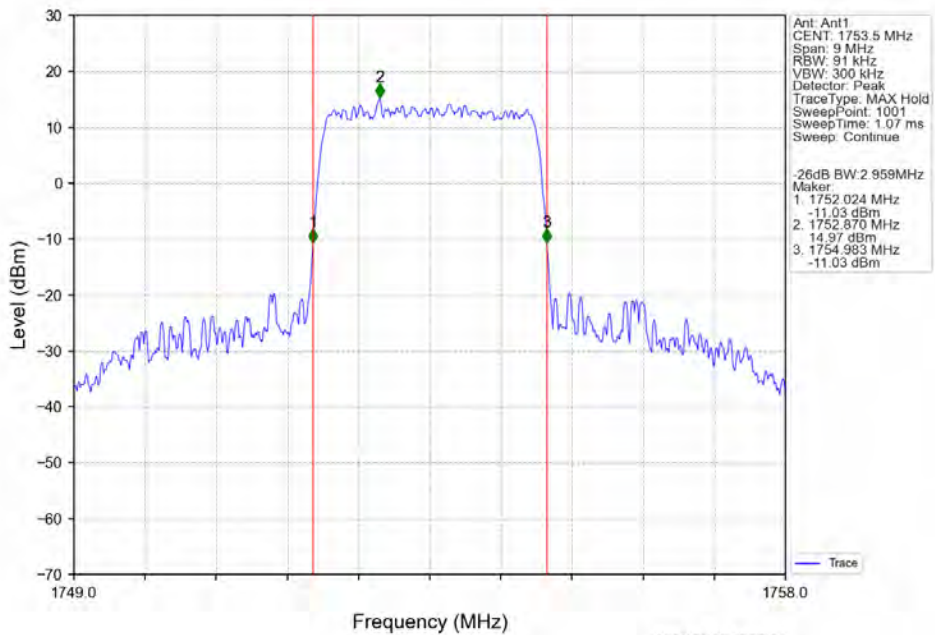
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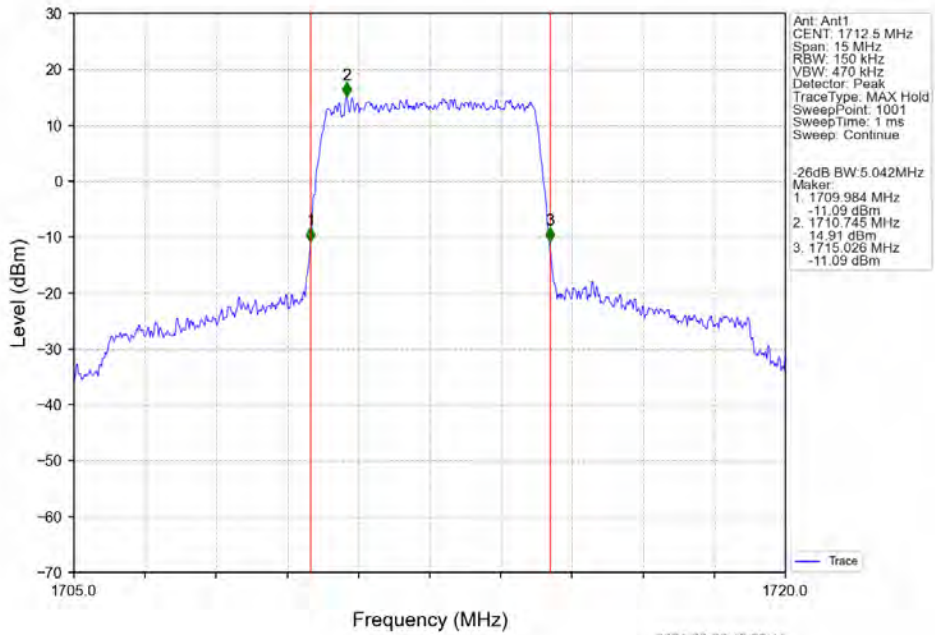
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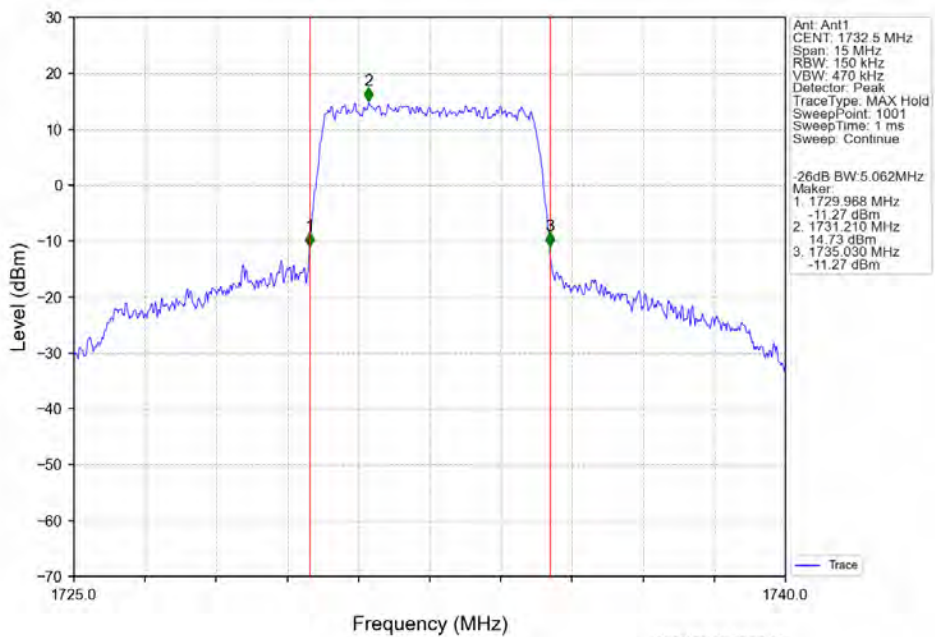
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



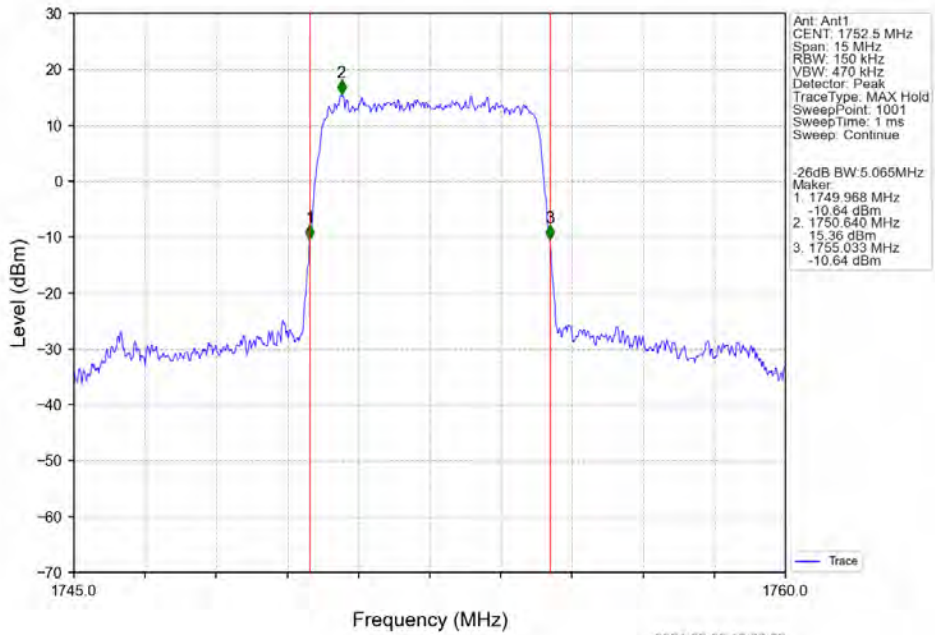
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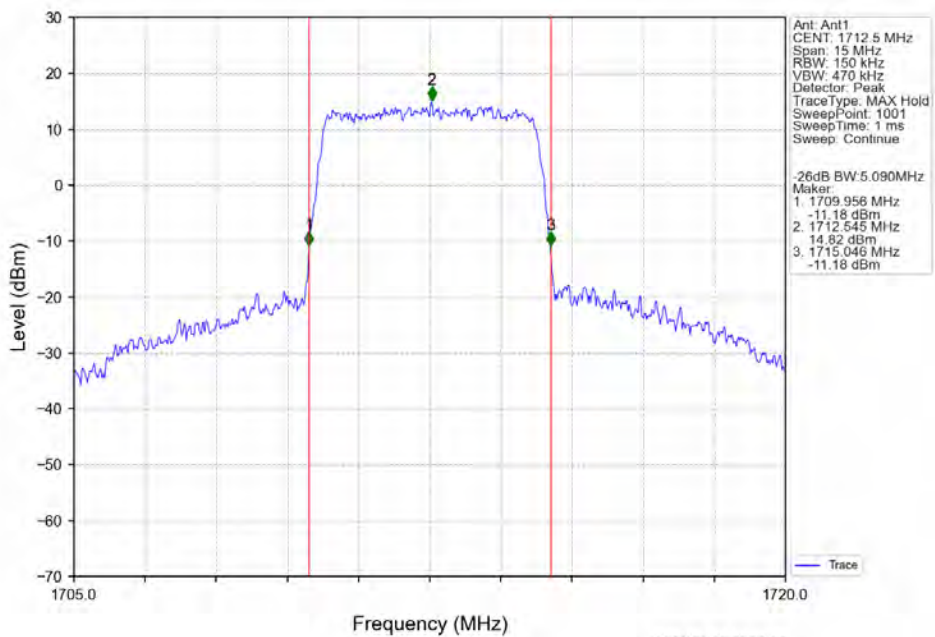
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Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV

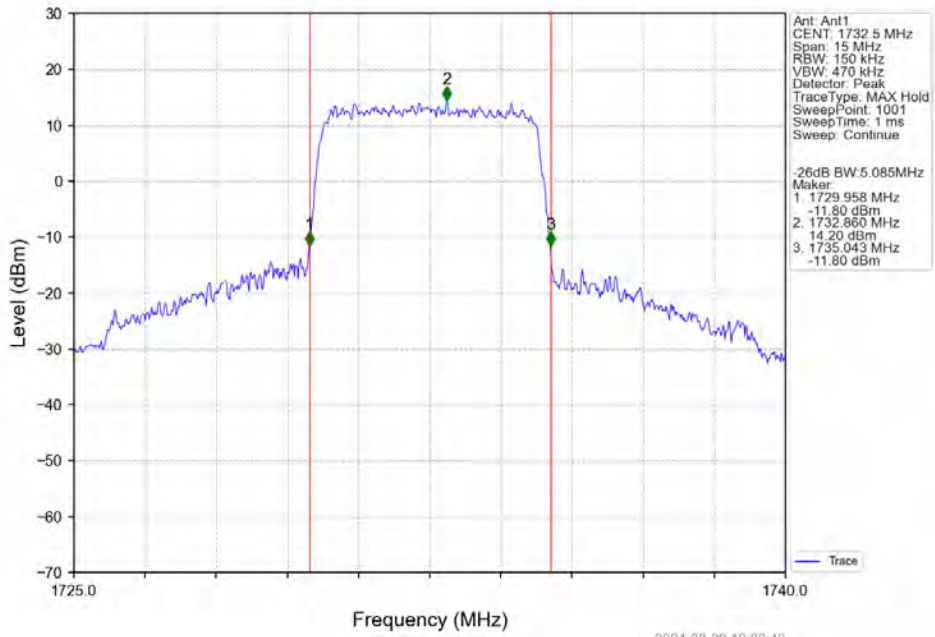


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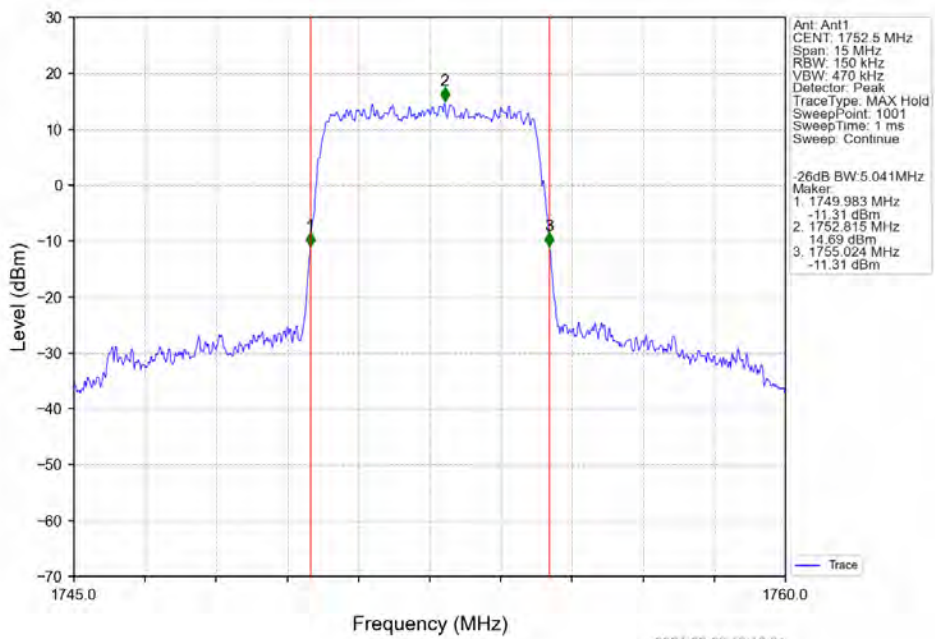




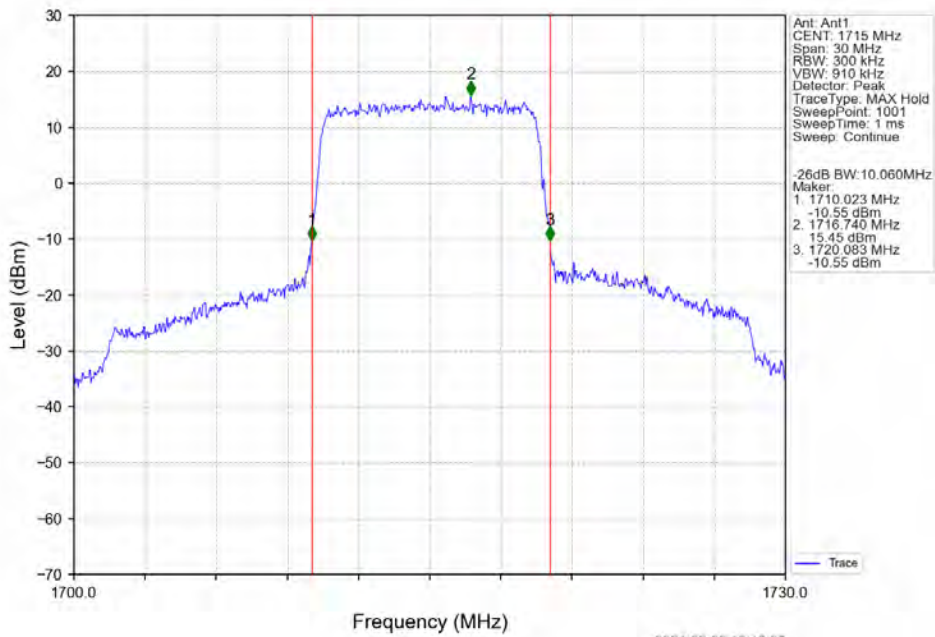
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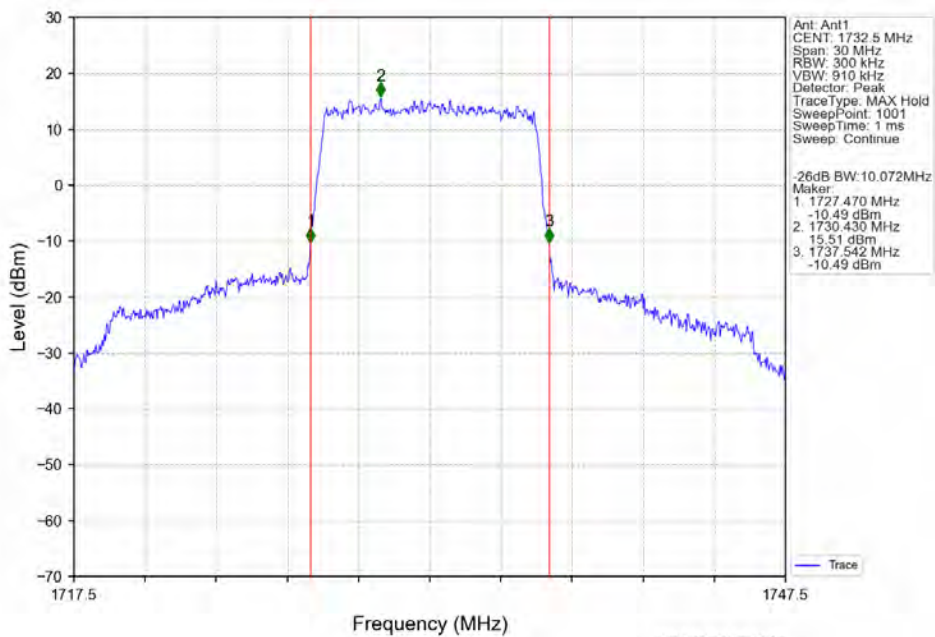
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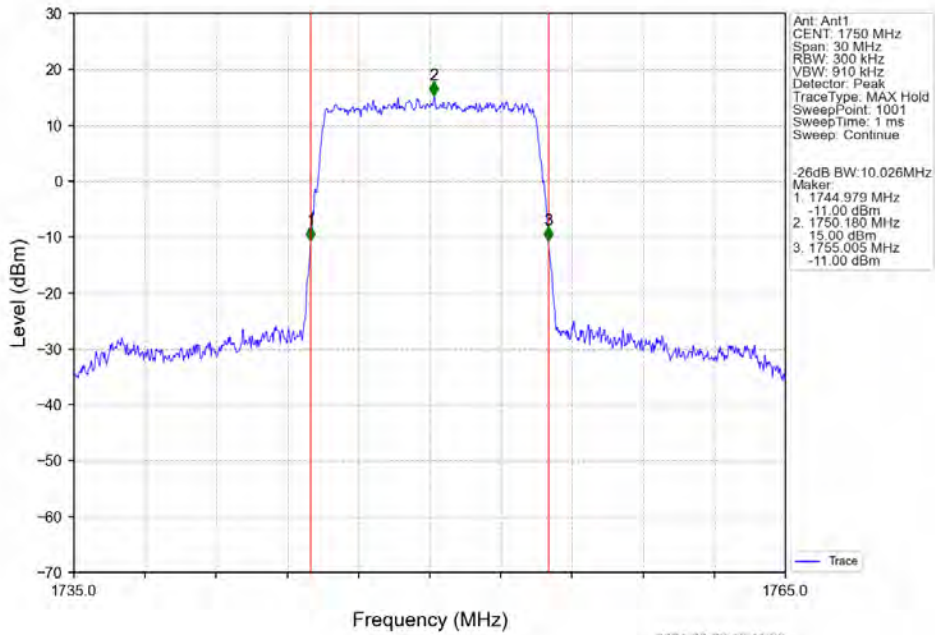
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTV



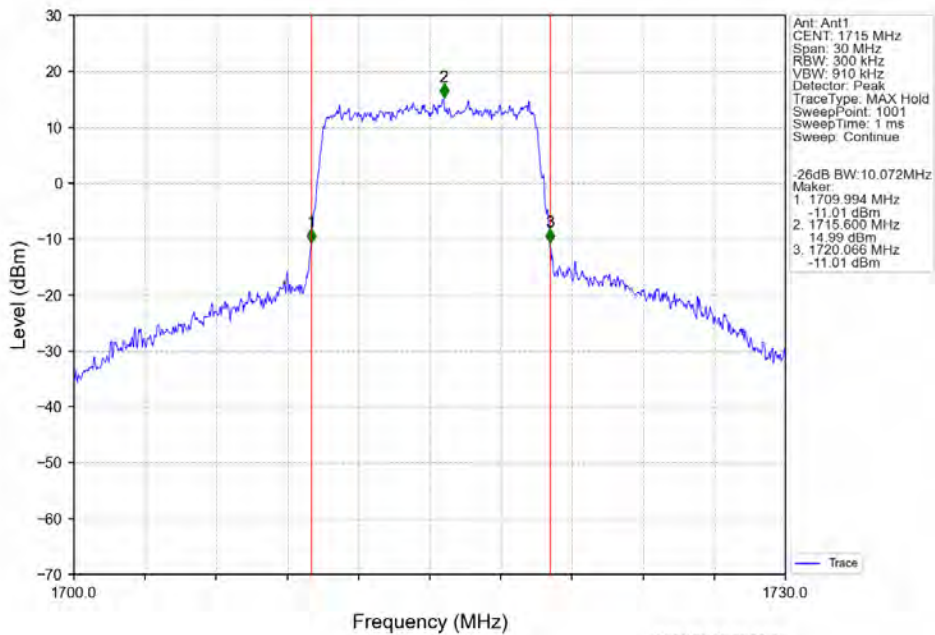
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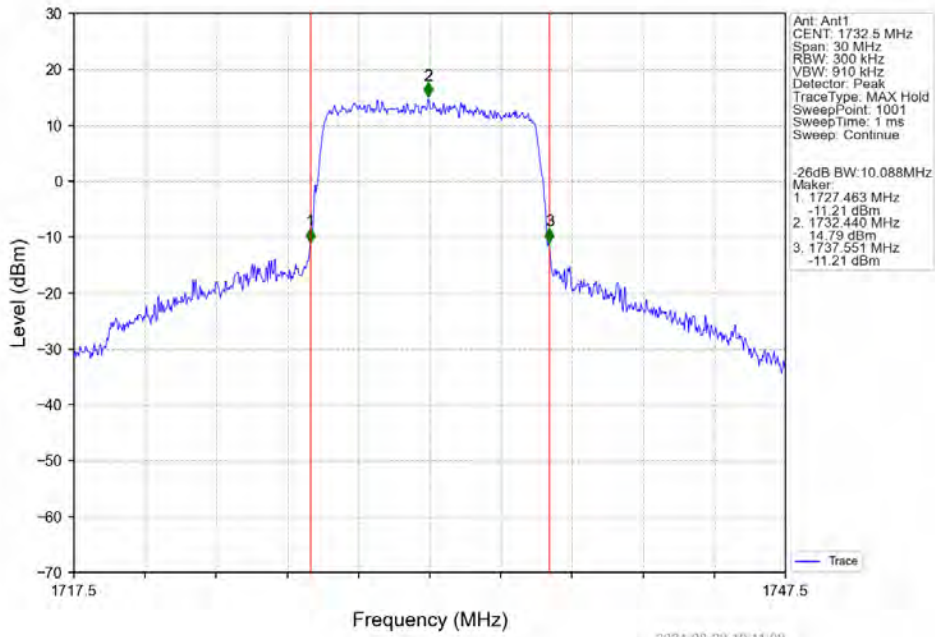
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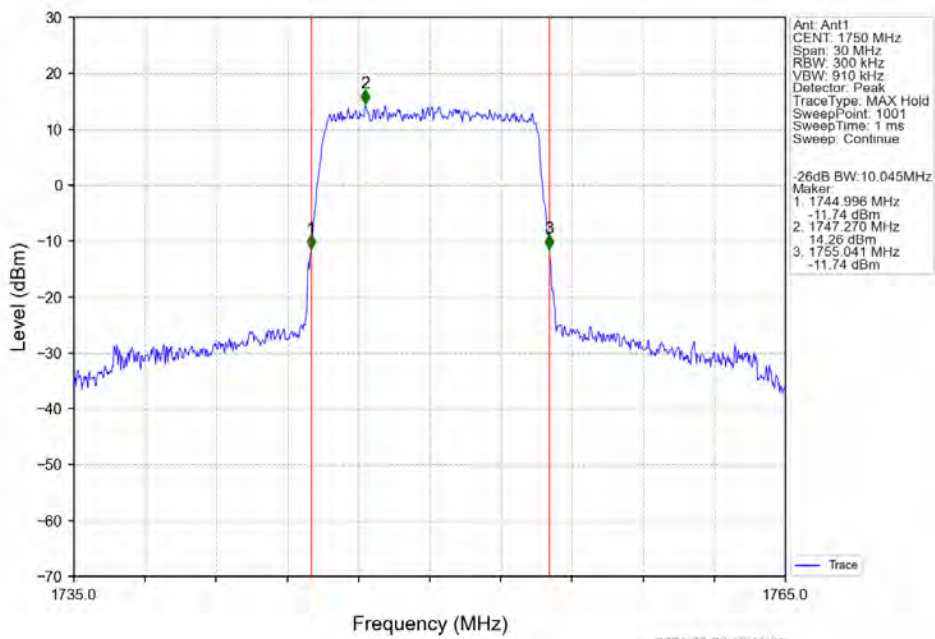
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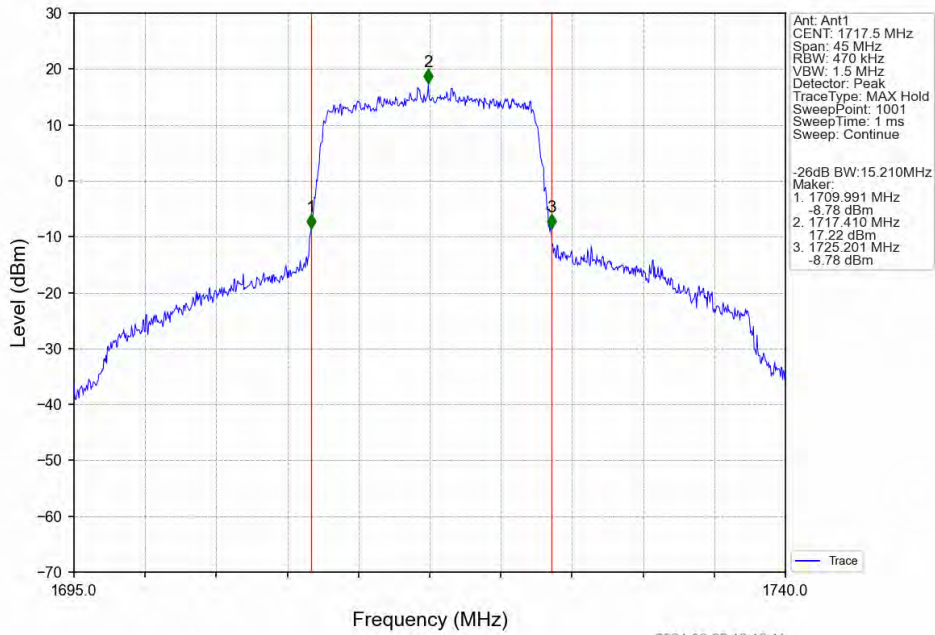
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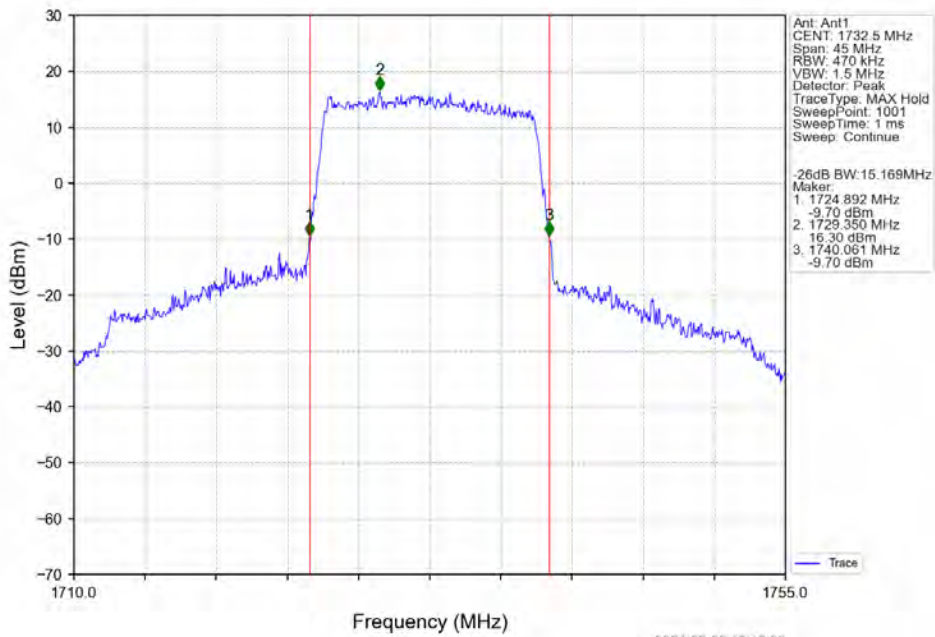
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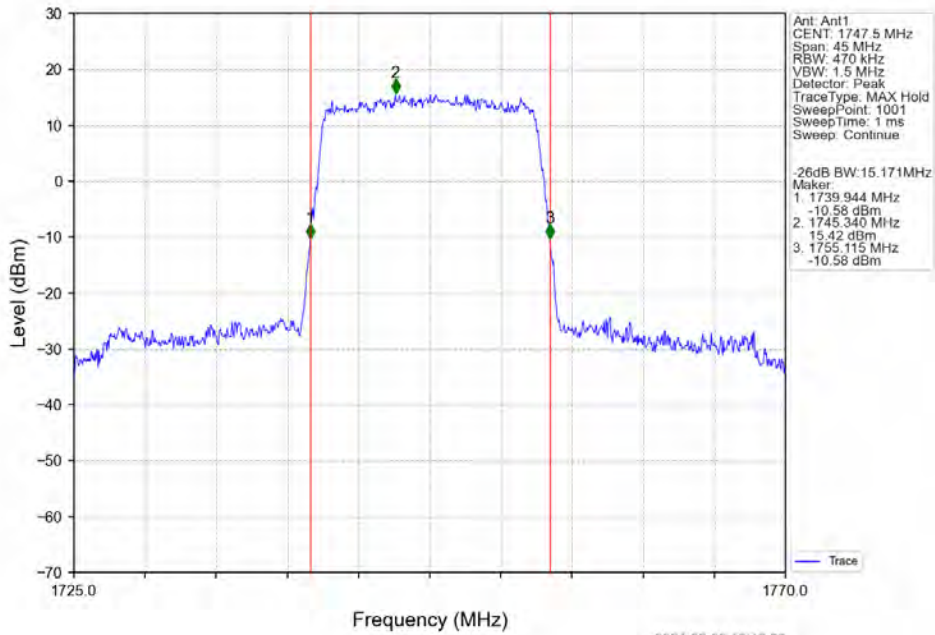
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



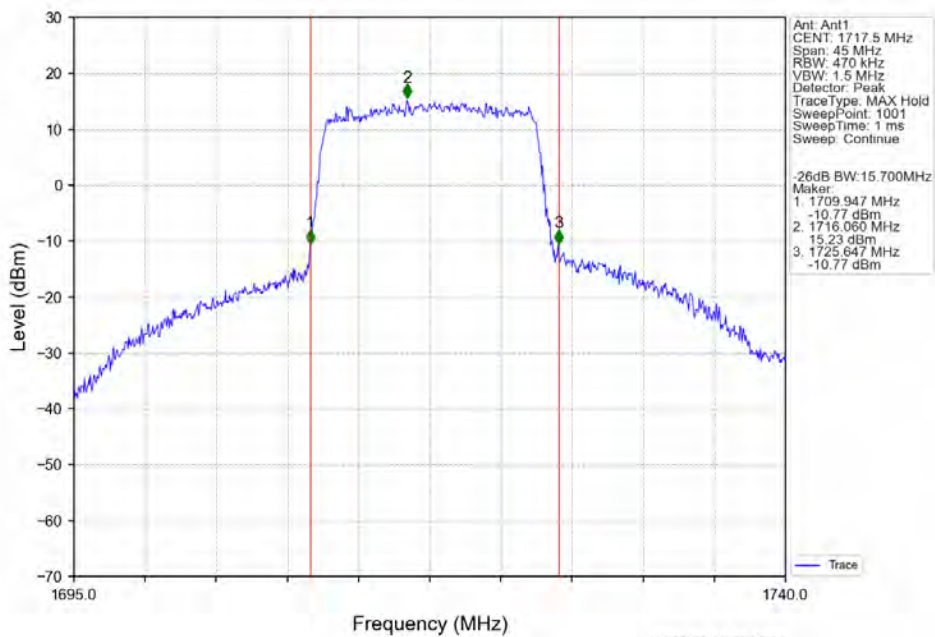
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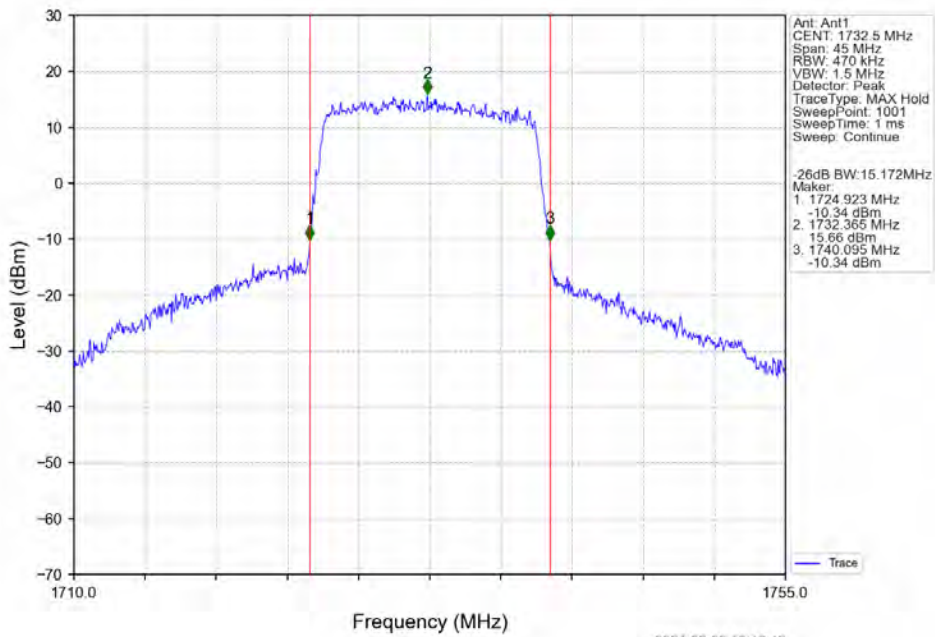
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



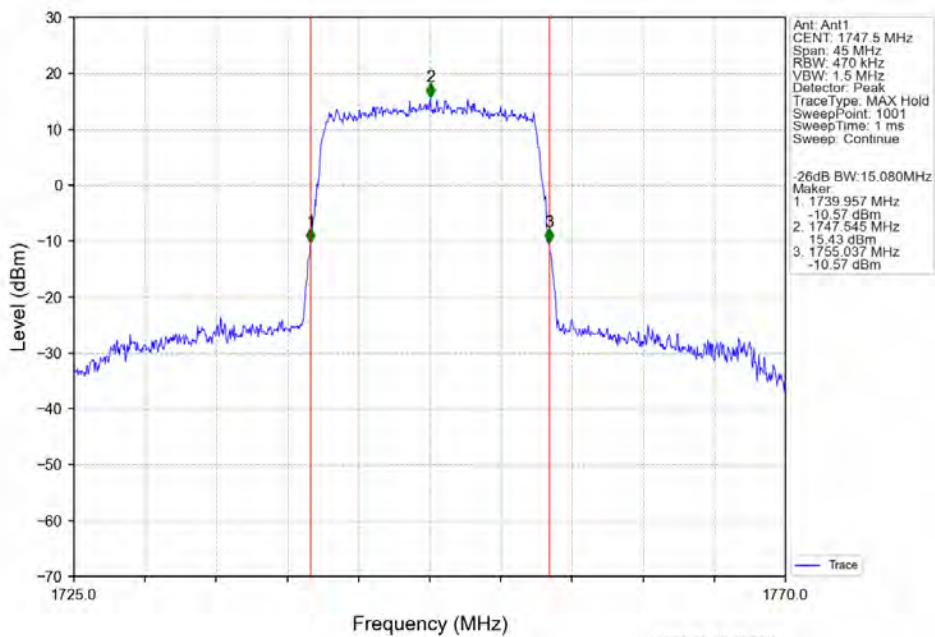
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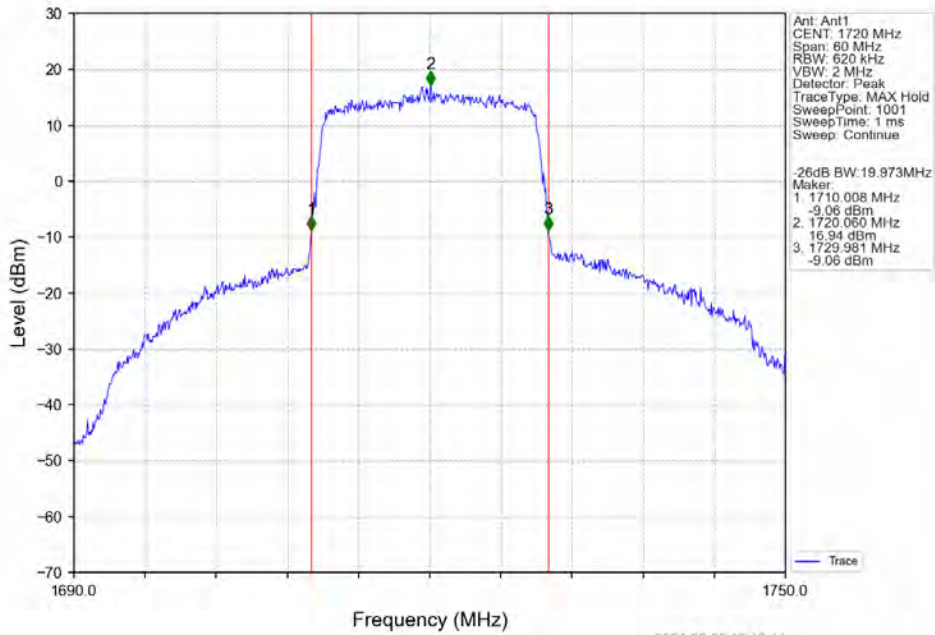
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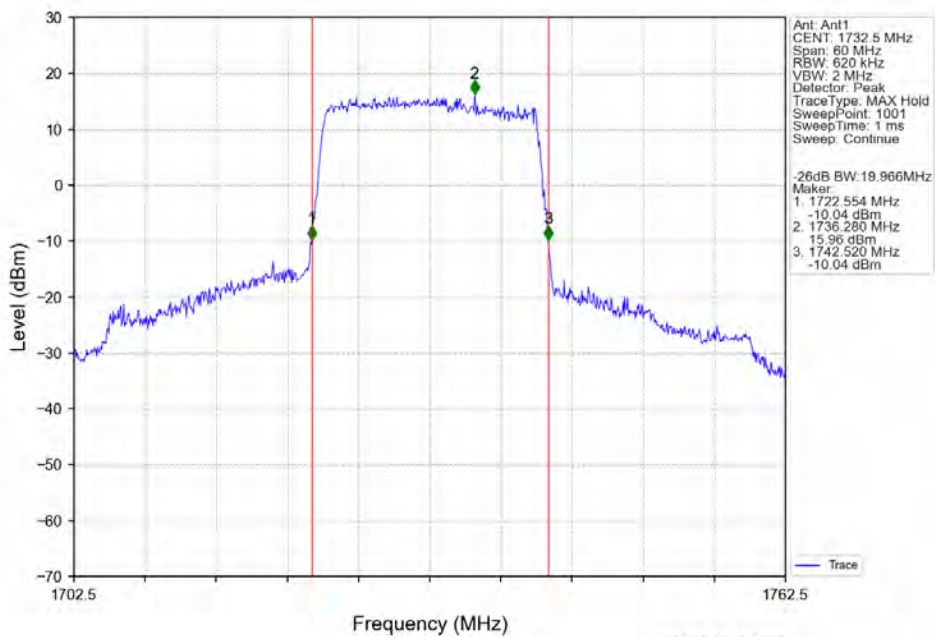
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Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

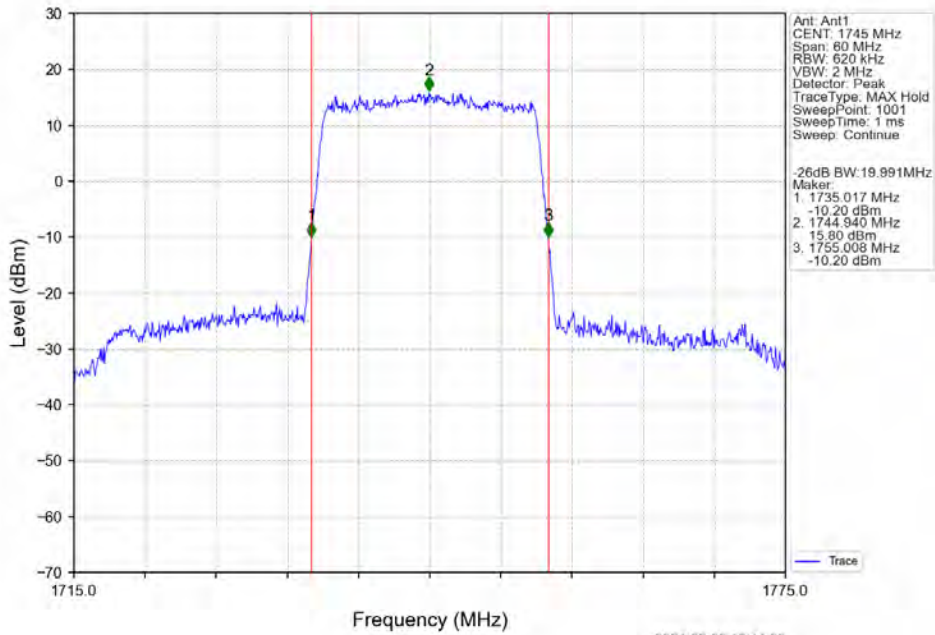


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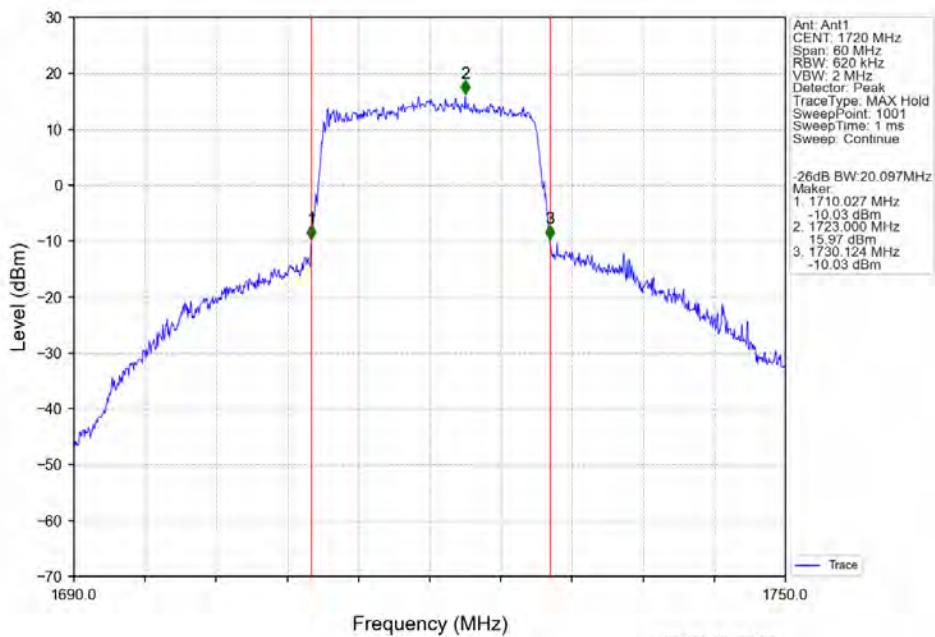




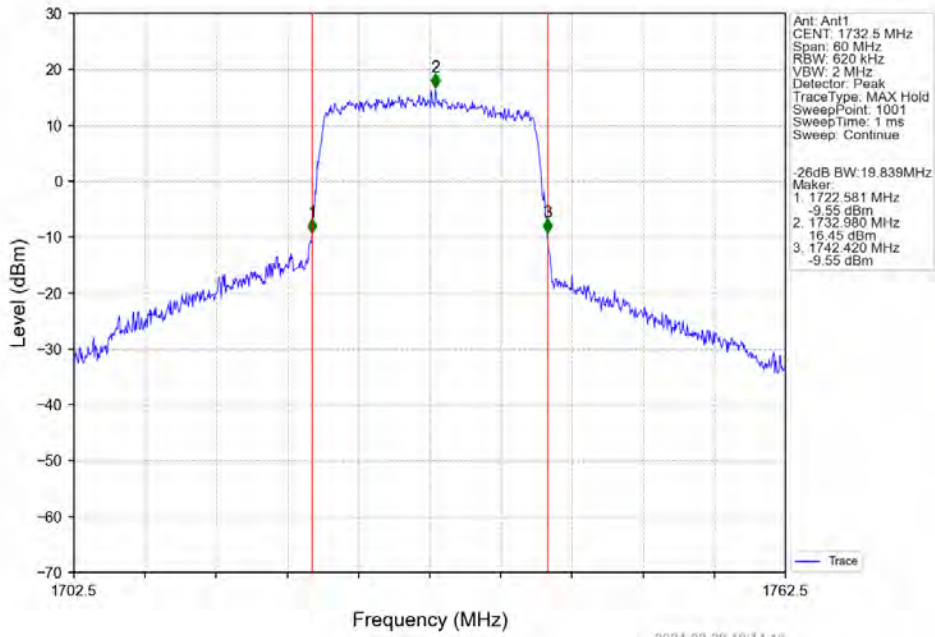
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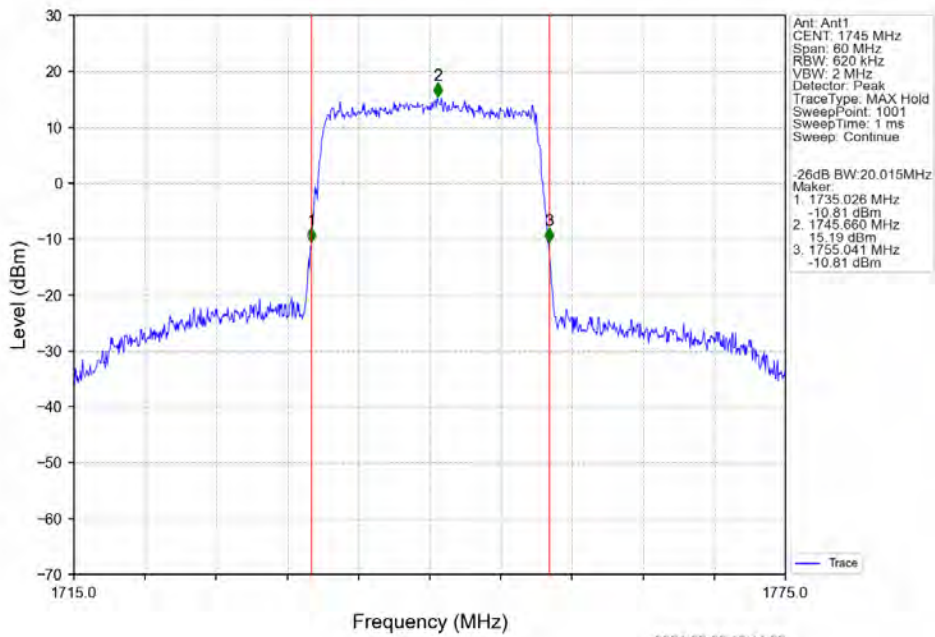
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Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B4\_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.62	<=13	Pass
	1732.5	6	0	4.18	<=13	Pass
	1754.3	6	0	5.11	<=13	Pass
16QAM	1710.7	6	0	5.35	<=13	Pass
	1732.5	6	0	4.95	<=13	Pass
	1754.3	6	0	5.86	<=13	Pass

#### 5.1.2 B4\_3MHz

Band: 4 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.66	<=13	Pass
	1732.5	15	0	4.35	<=13	Pass
	1753.5	15	0	5.36	<=13	Pass
16QAM	1711.5	15	0	5.48	<=13	Pass
	1732.5	15	0	5.10	<=13	Pass
	1753.5	15	0	6.11	<=13	Pass

#### 5.1.3 B4\_5MHz

Band: 4 / Bandwidth: 5MHz / NTN						
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	4.78	<=13	Pass
	1752.5	25	0	5.50	<=13	Pass
16QAM	1712.5	25	0	5.56	<=13	Pass
	1732.5	25	0	5.41	<=13	Pass
	1752.5	25	0	6.20	<=13	Pass

#### 5.1.4 B4\_10MHz

Band: 4 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.73	<=13	Pass
	1732.5	50	0	4.86	<=13	Pass
	1750	50	0	5.57	<=13	Pass
16QAM	1715	50	0	5.39	<=13	Pass
	1732.5	50	0	5.57	<=13	Pass

	1750	50	0	6.35	<=13	Pass
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### 5.1.5 B4\_15MHz

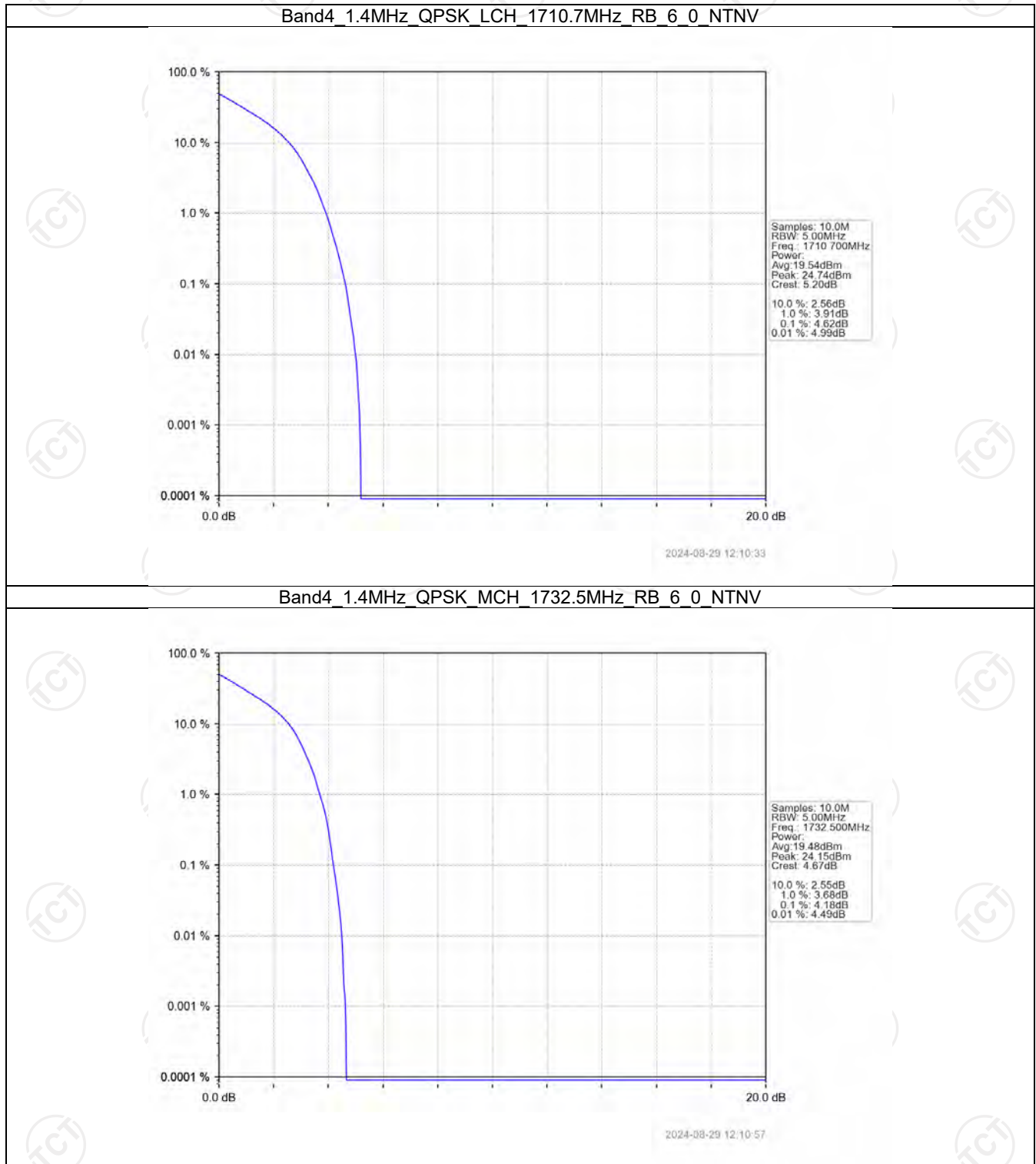
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.19	<=13	Pass
	1732.5	75	0	4.71	<=13	Pass
	1747.5	75	0	5.67	<=13	Pass
16QAM	1717.5	75	0	4.90	<=13	Pass
	1732.5	75	0	5.35	<=13	Pass
	1747.5	75	0	6.32	<=13	Pass

### 5.1.6 B4\_20MHz

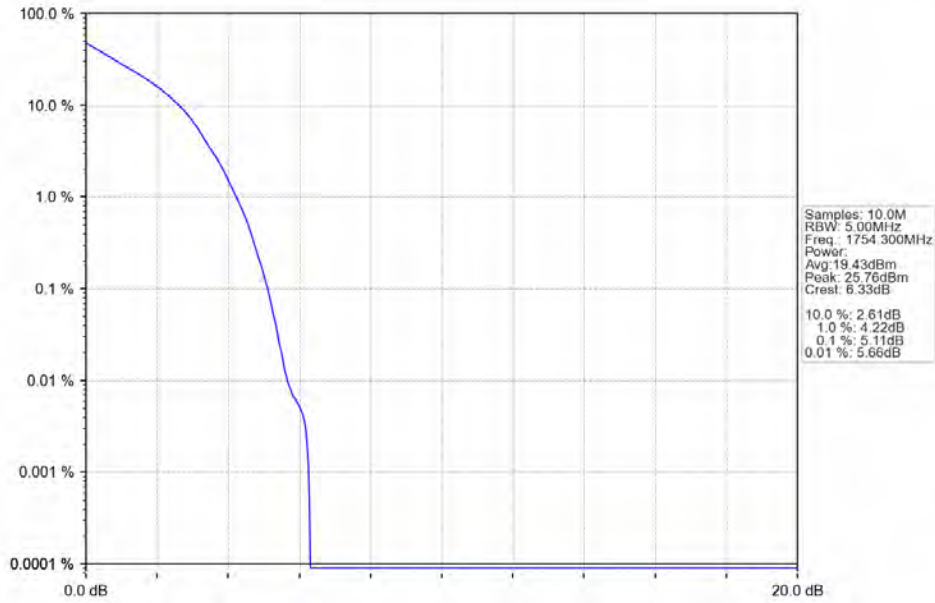
Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.24	<=13	Pass
	1732.5	100	0	4.72	<=13	Pass
	1745	100	0	5.40	<=13	Pass
16QAM	1720	100	0	4.98	<=13	Pass
	1732.5	100	0	5.48	<=13	Pass
	1745	100	0	6.26	<=13	Pass

## 5.2 Test Graph

### 5.2.1 B4\_1.4MHz

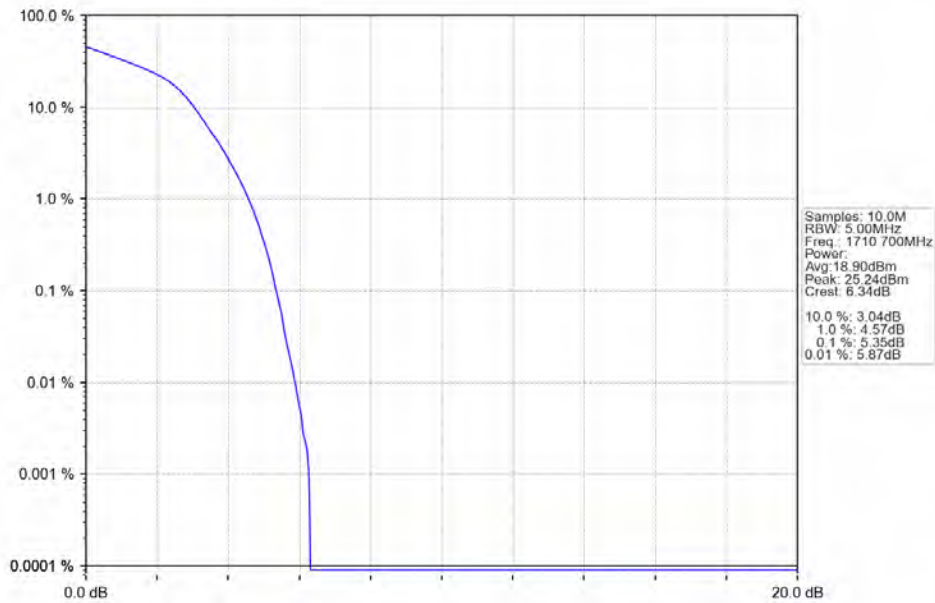


Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



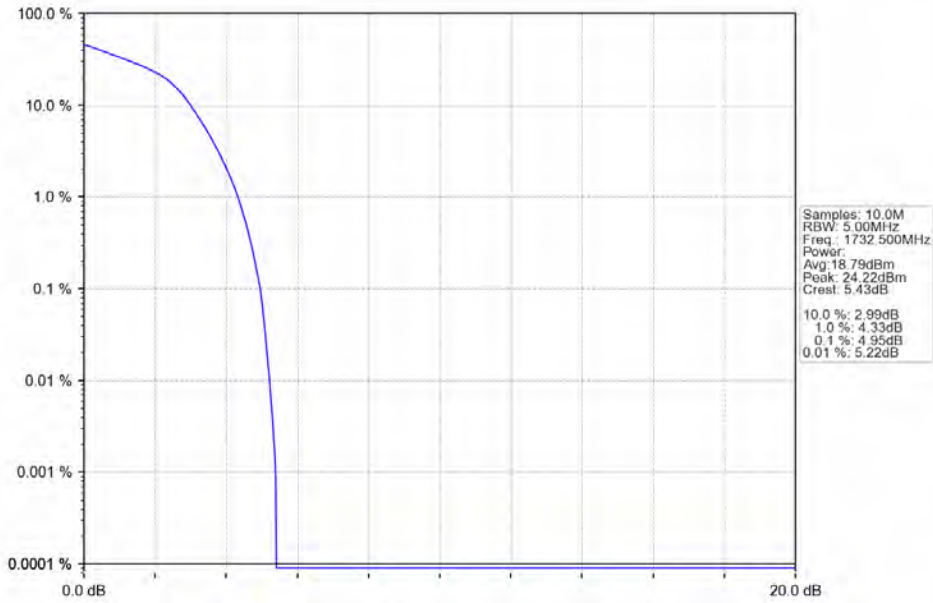
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Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



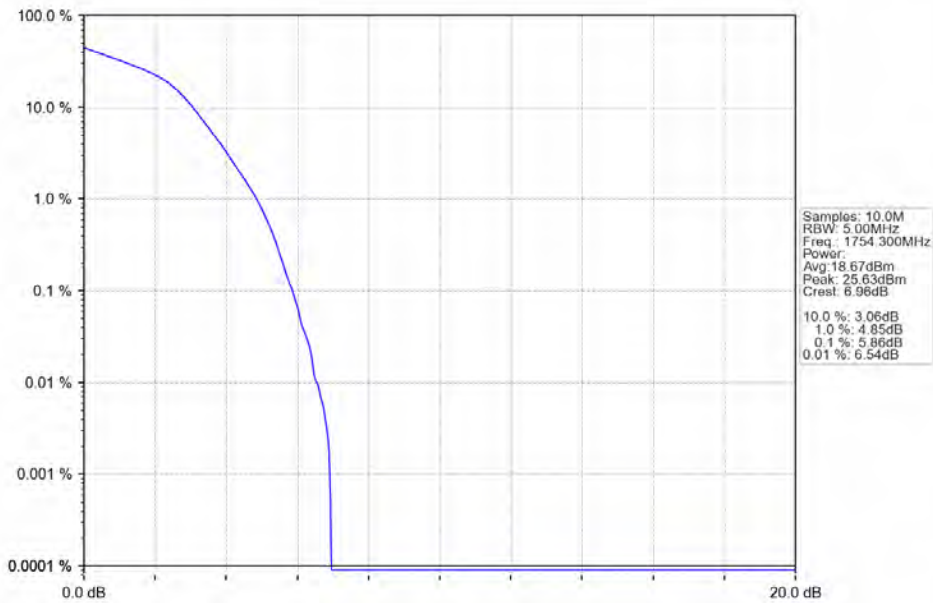
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Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



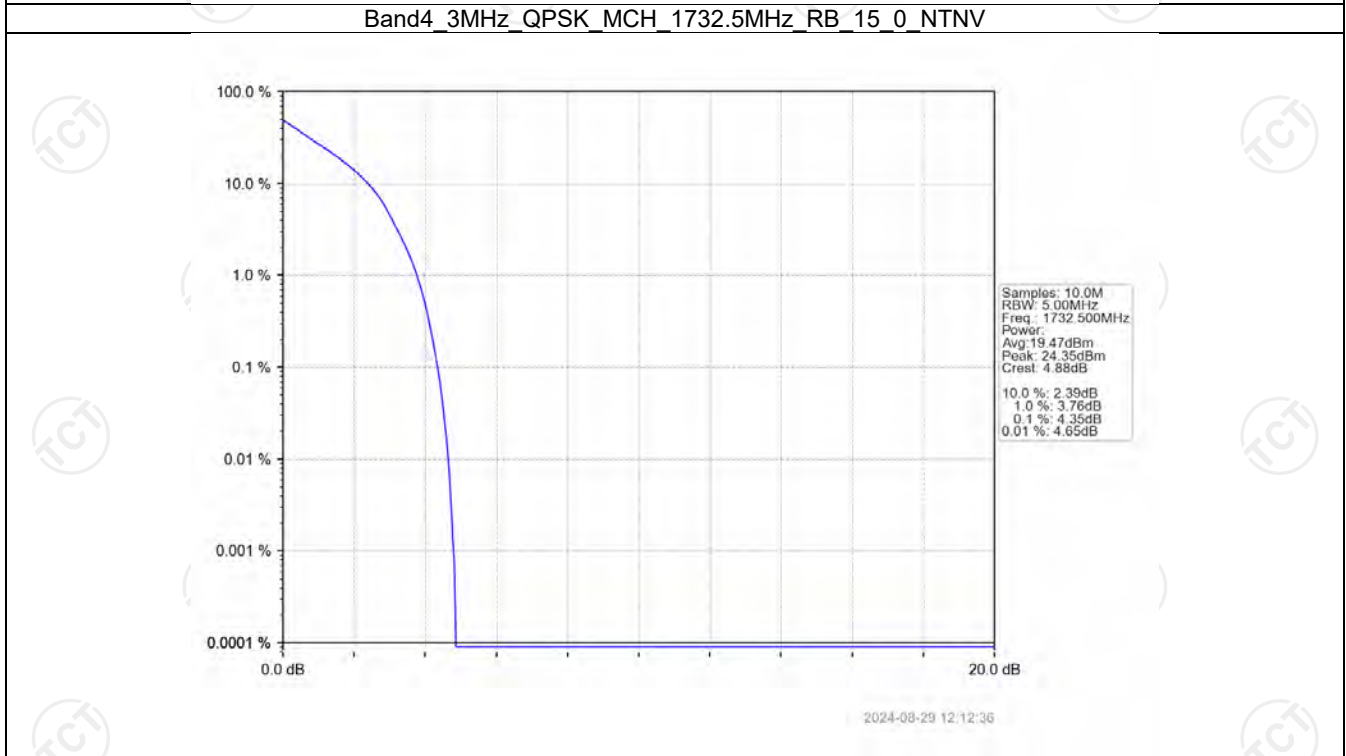
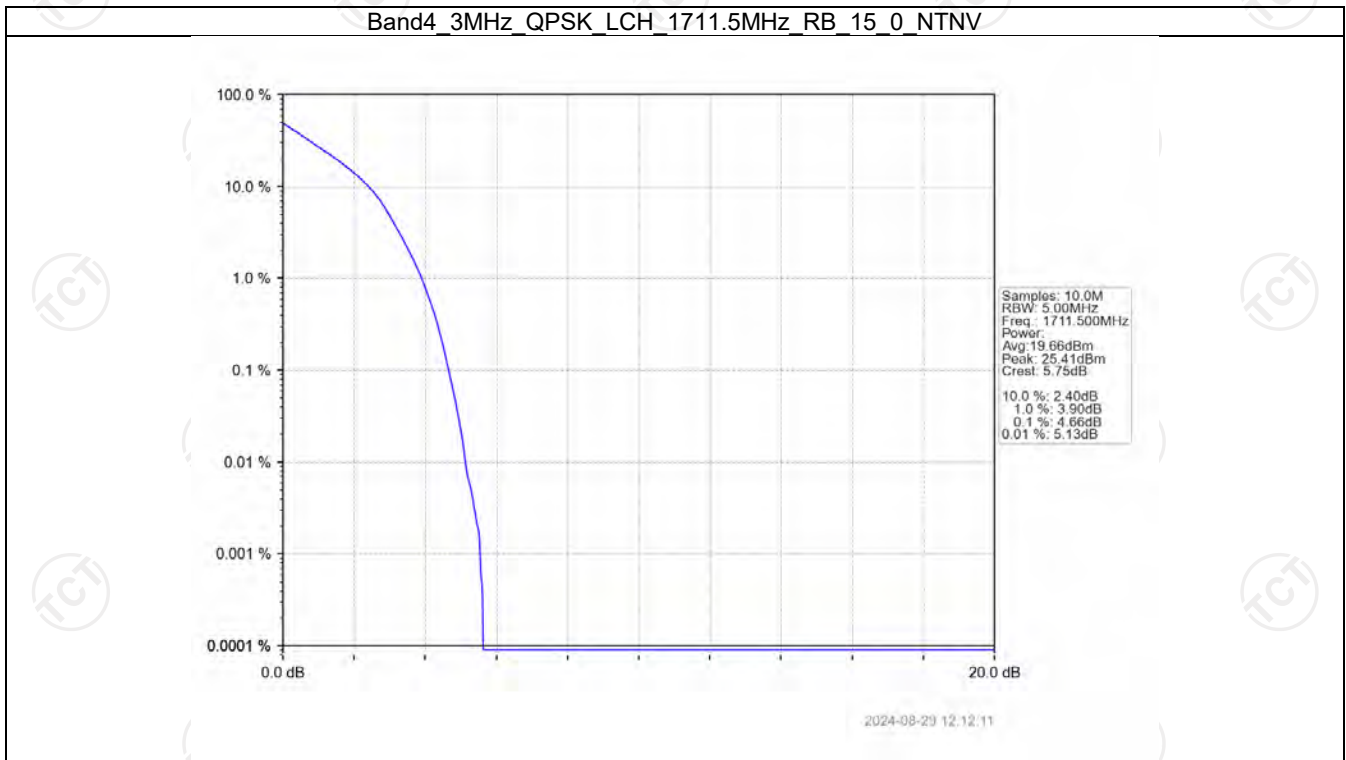
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Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



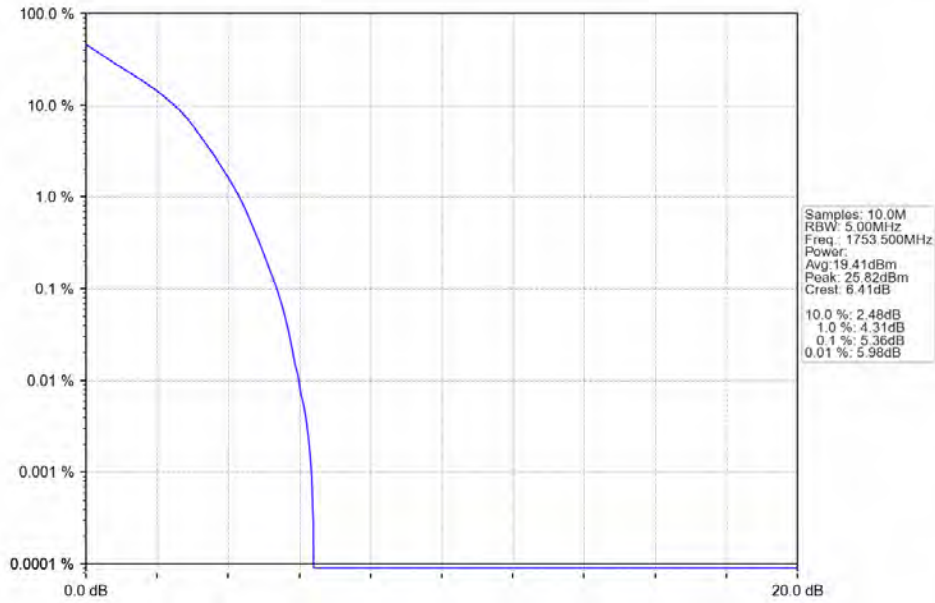
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5.2.2 B4\_3MHz



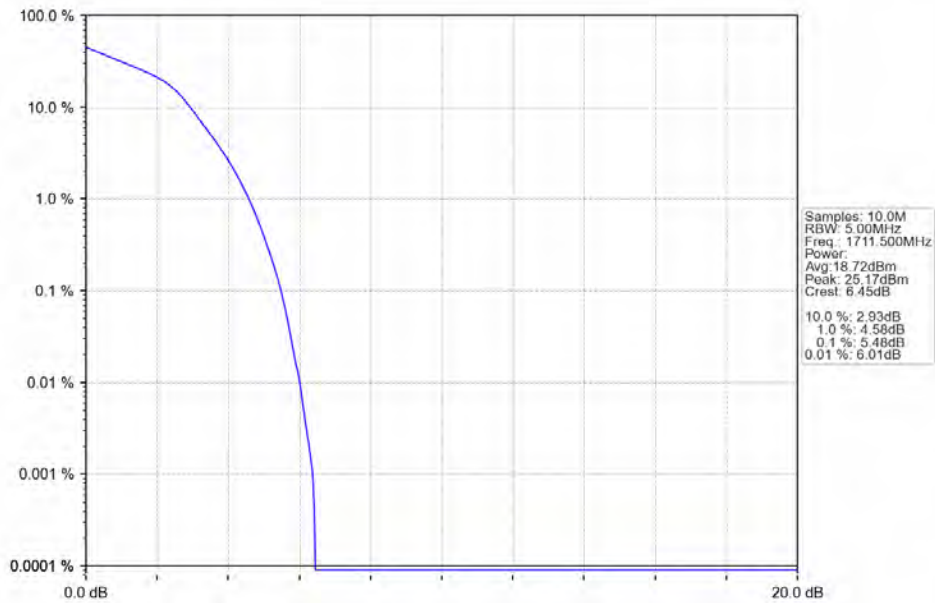


Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



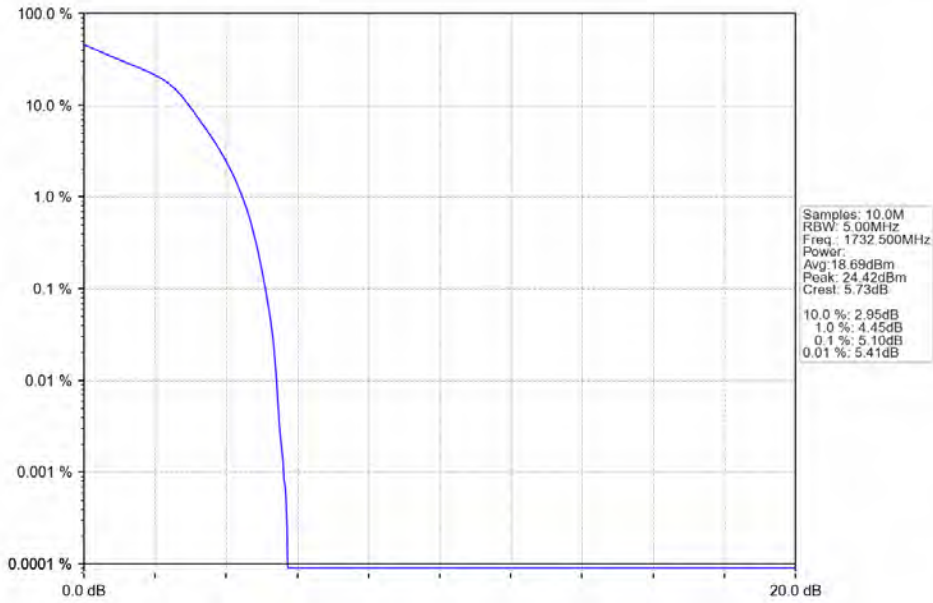
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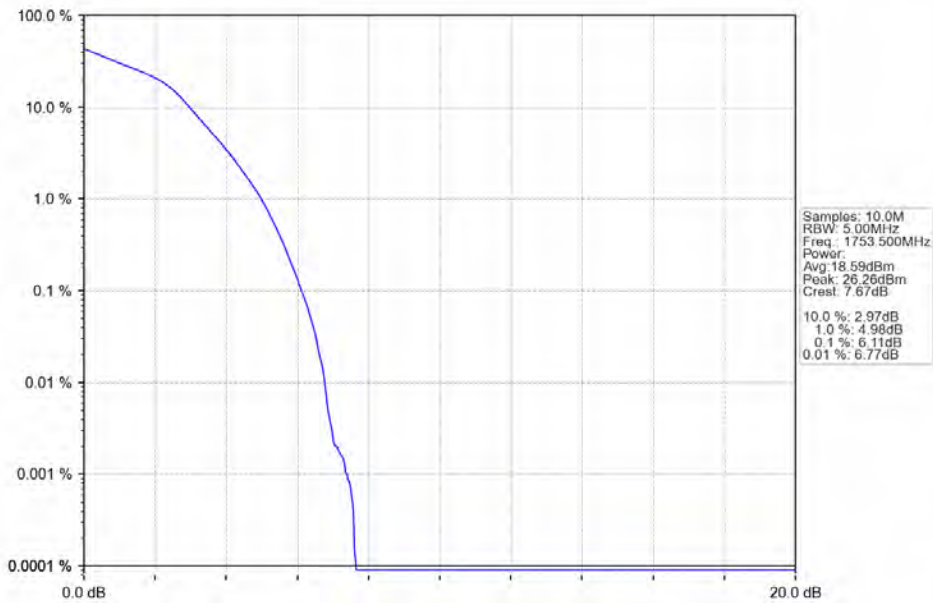
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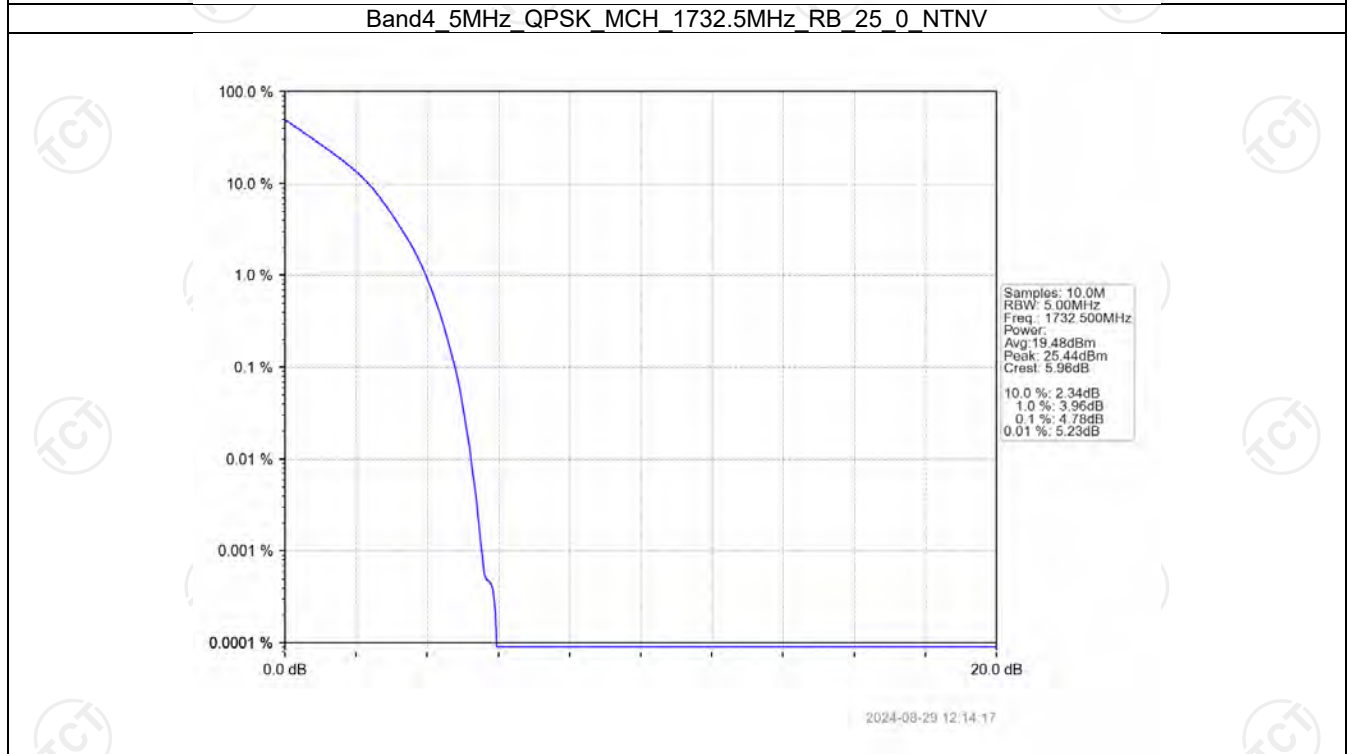
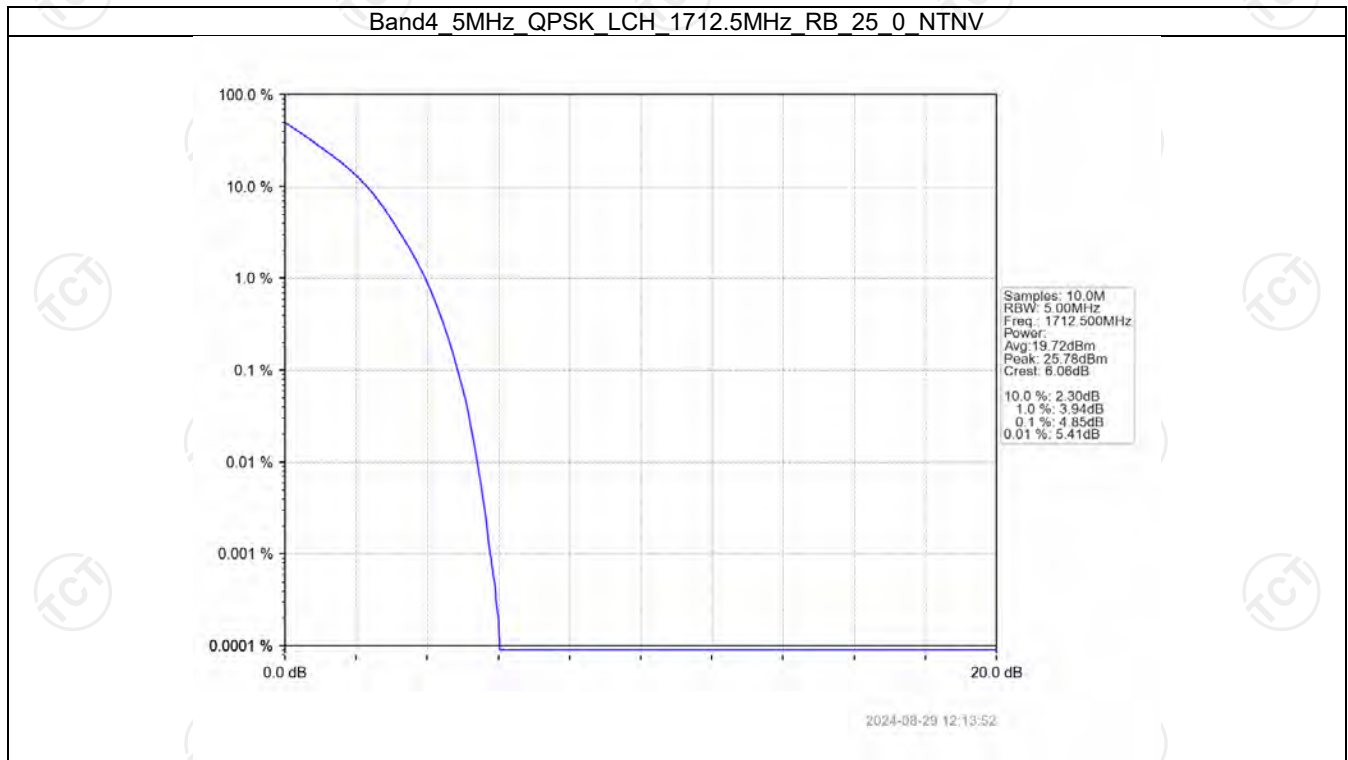
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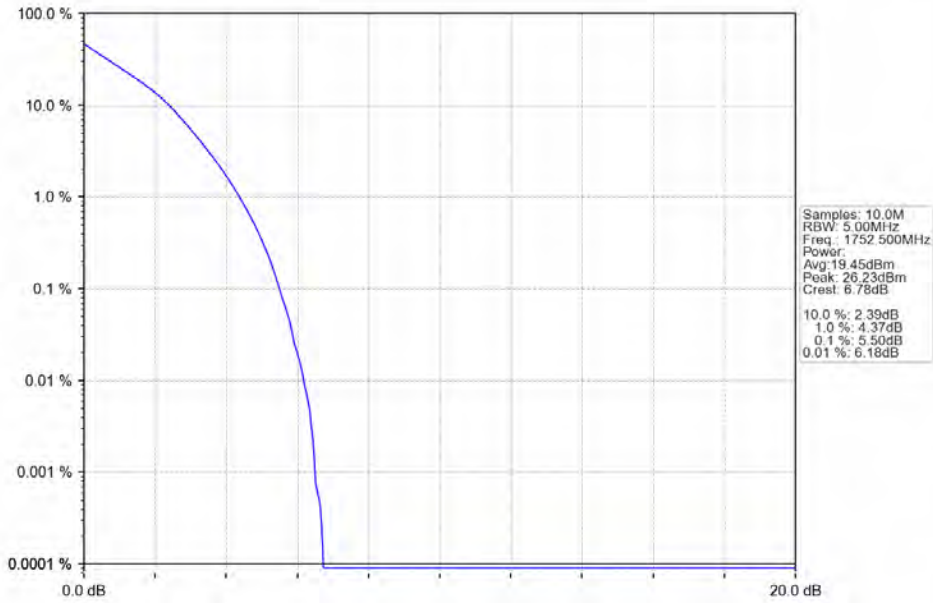


2024-08-29 12:13:13

5.2.3 B4\_5MHz

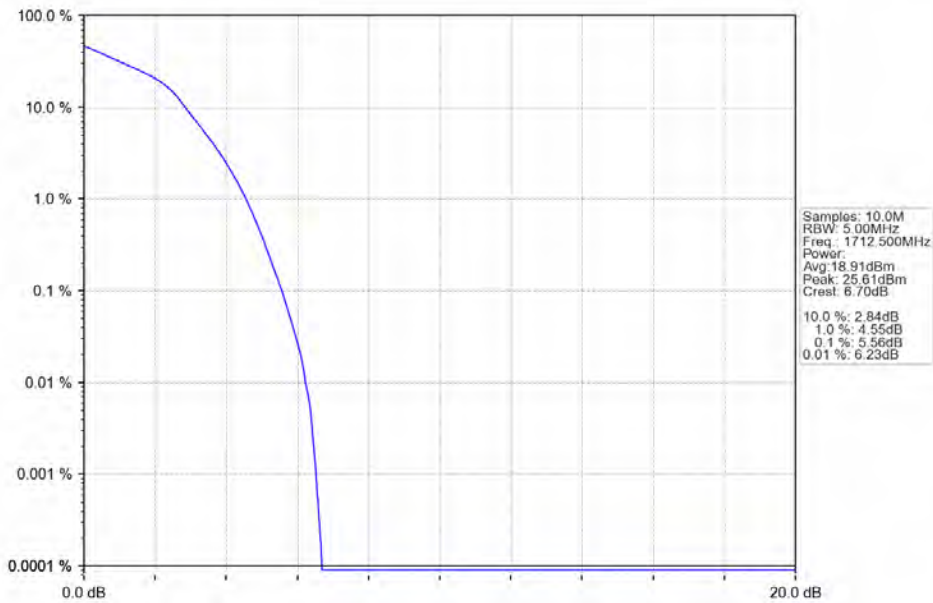


Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



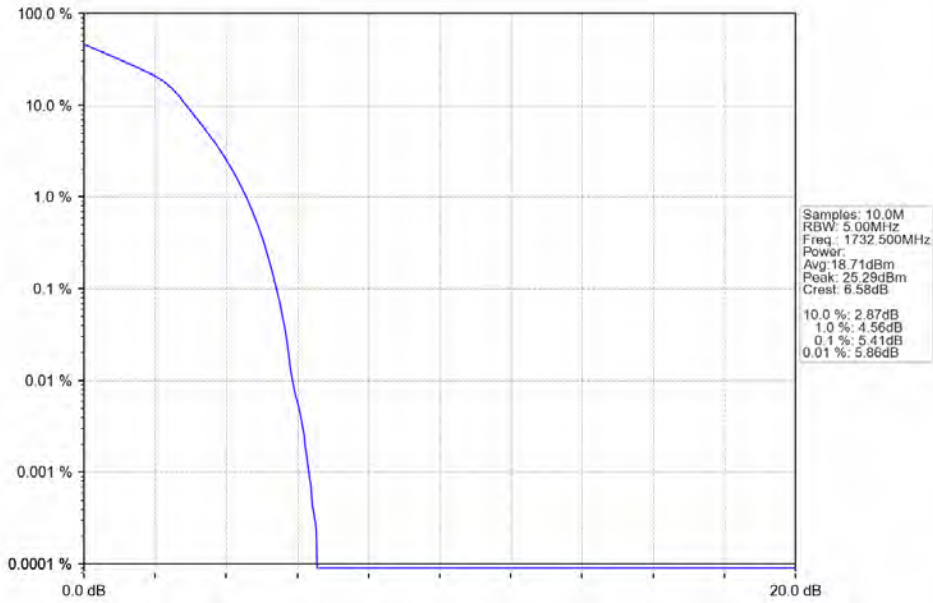
2024-08-29 12:14:43

Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



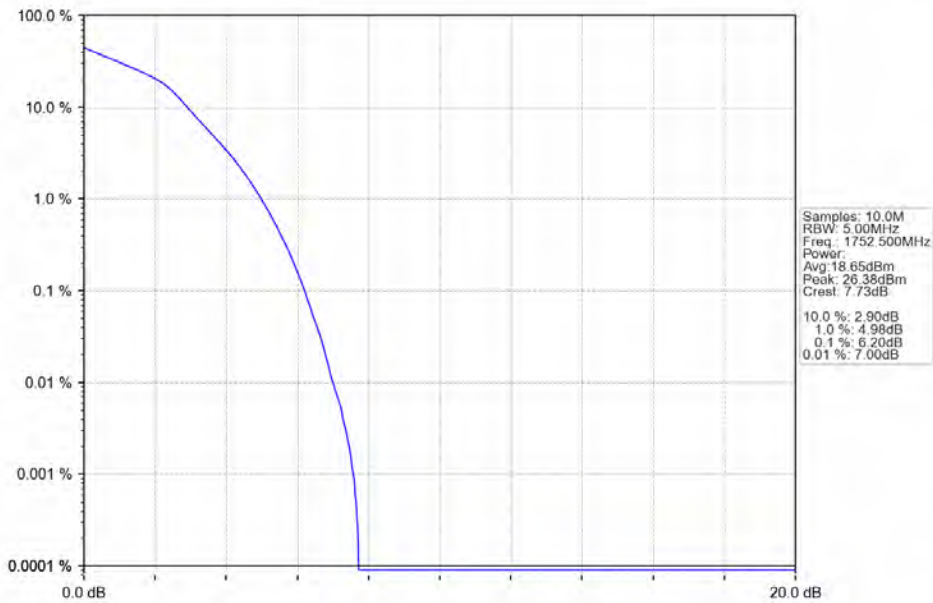
2024-08-29 12:14:03

Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



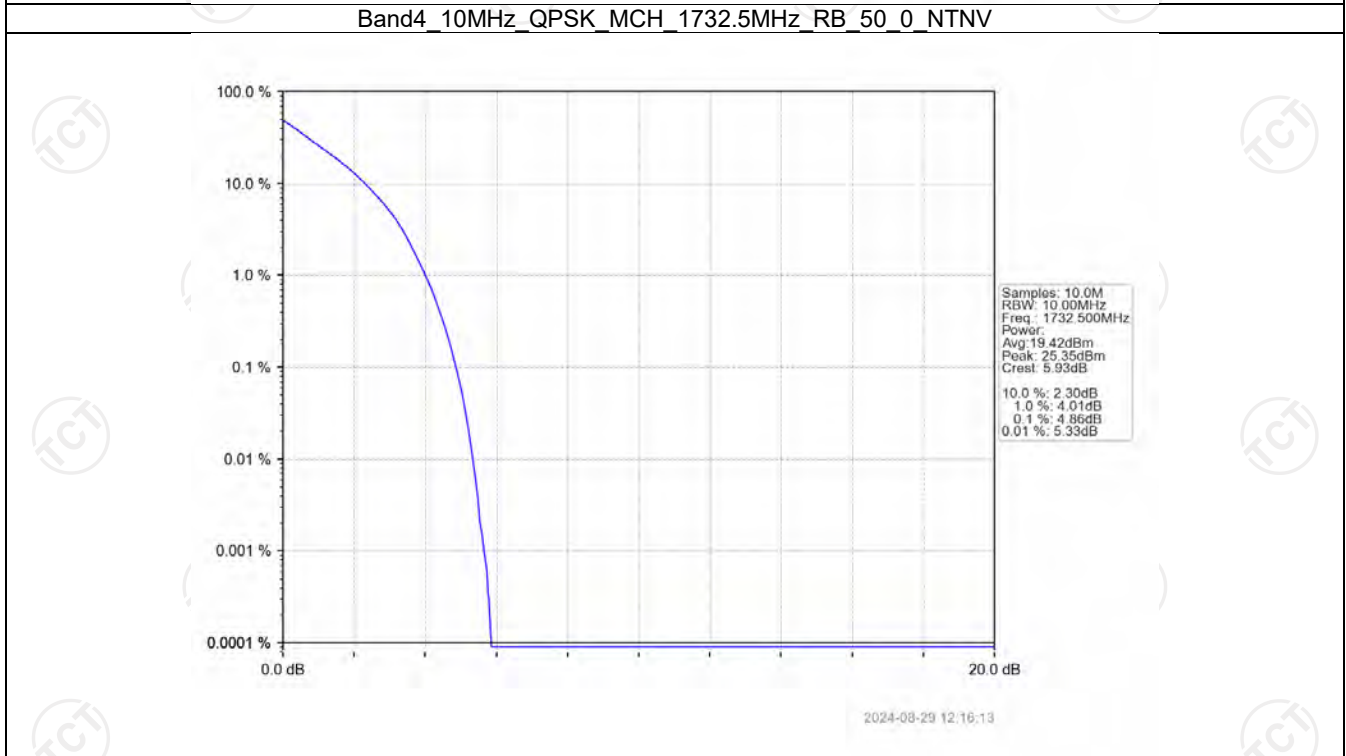
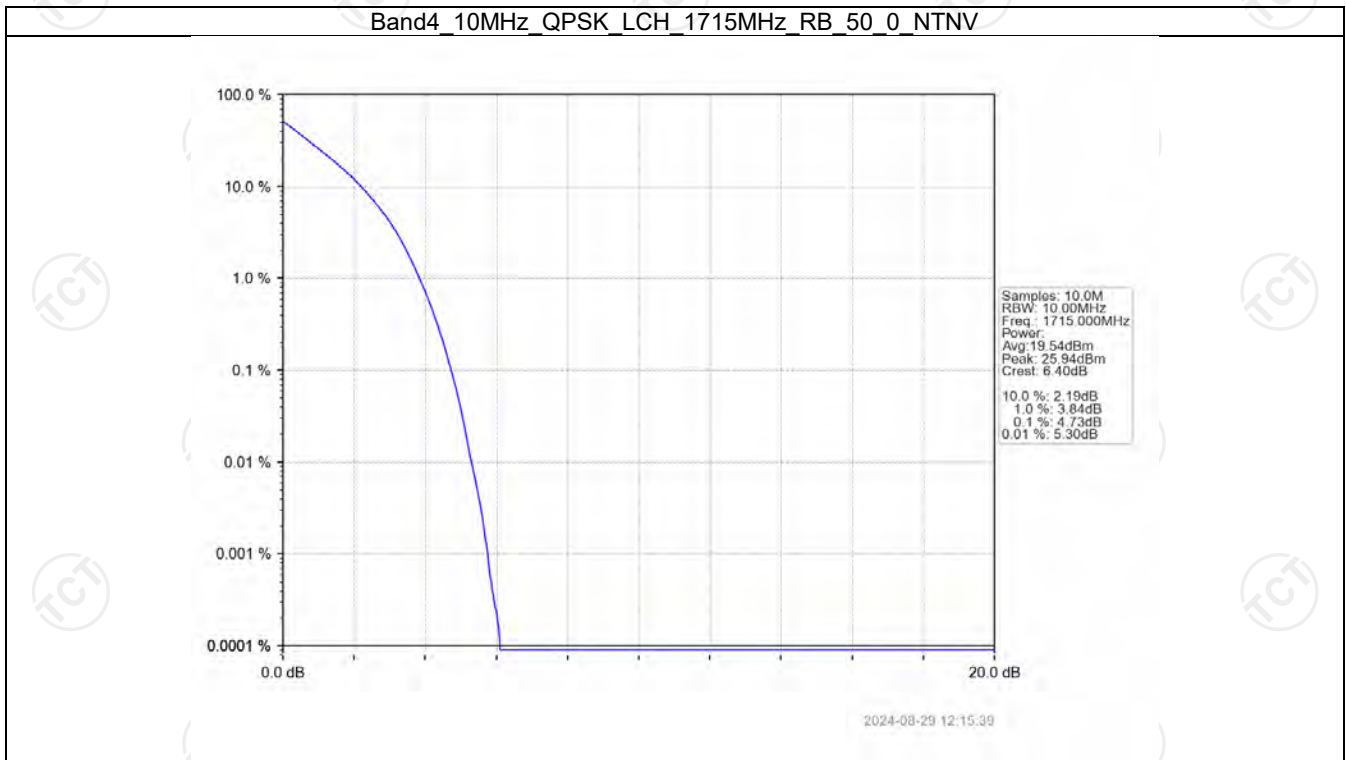
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Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV

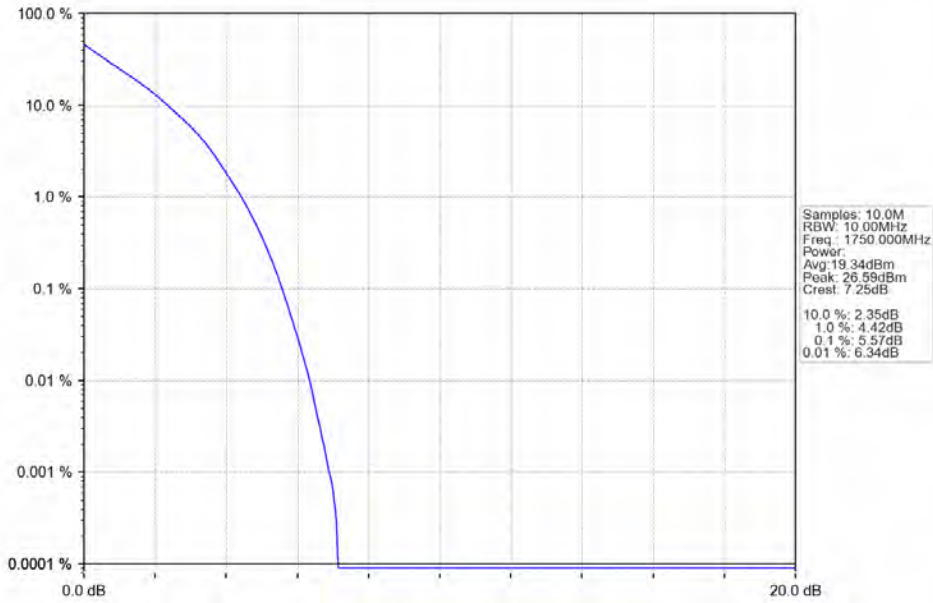


2024-08-29 12:14:50

5.2.4 B4\_10MHz

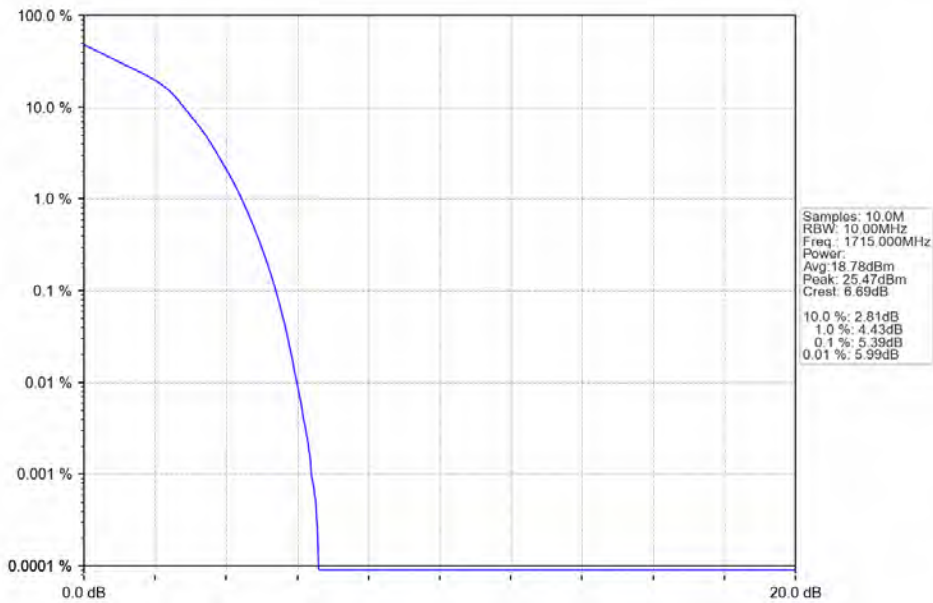


Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTV



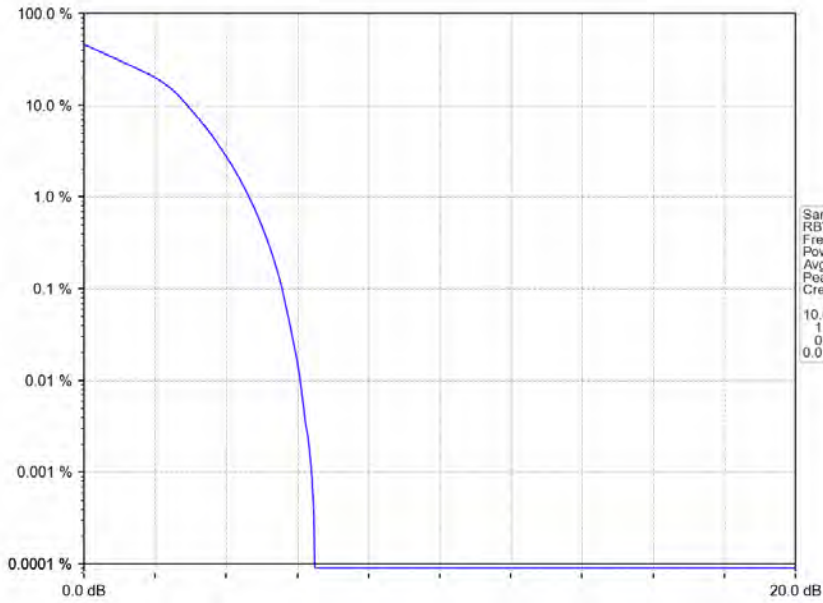
2024-08-29 12:16:47

Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



2024-08-29 12:15:54

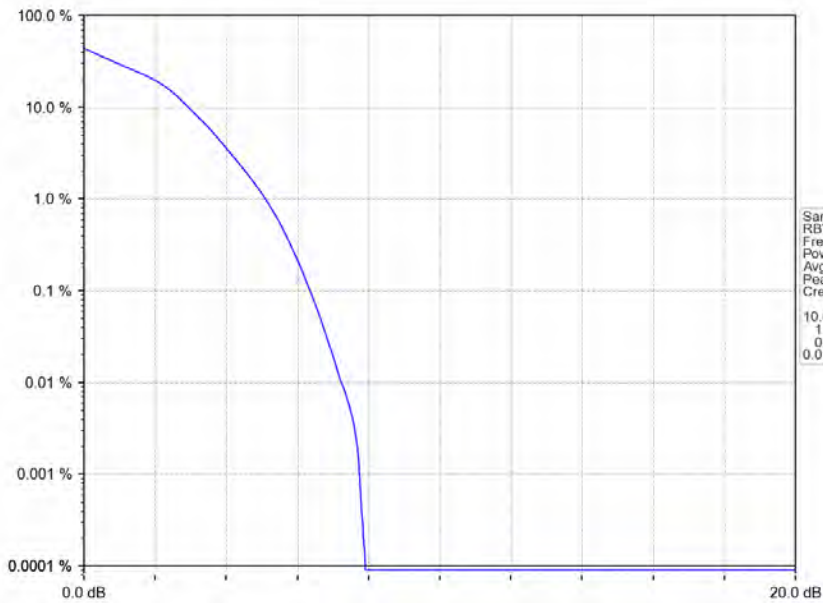
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



Samples: 10.0M  
RBW: 10.00MHz  
Freq: 1732.500MHz  
Power:  
Avg: 18.65dBm  
Peak: 25.15dBm  
Crest: 6.50dB  
10.0 %: 2.90dB  
1.0 %: 4.64dB  
0.1 %: 5.57dB  
0.01 %: 6.08dB

2024-08-29 12:16:27

Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN

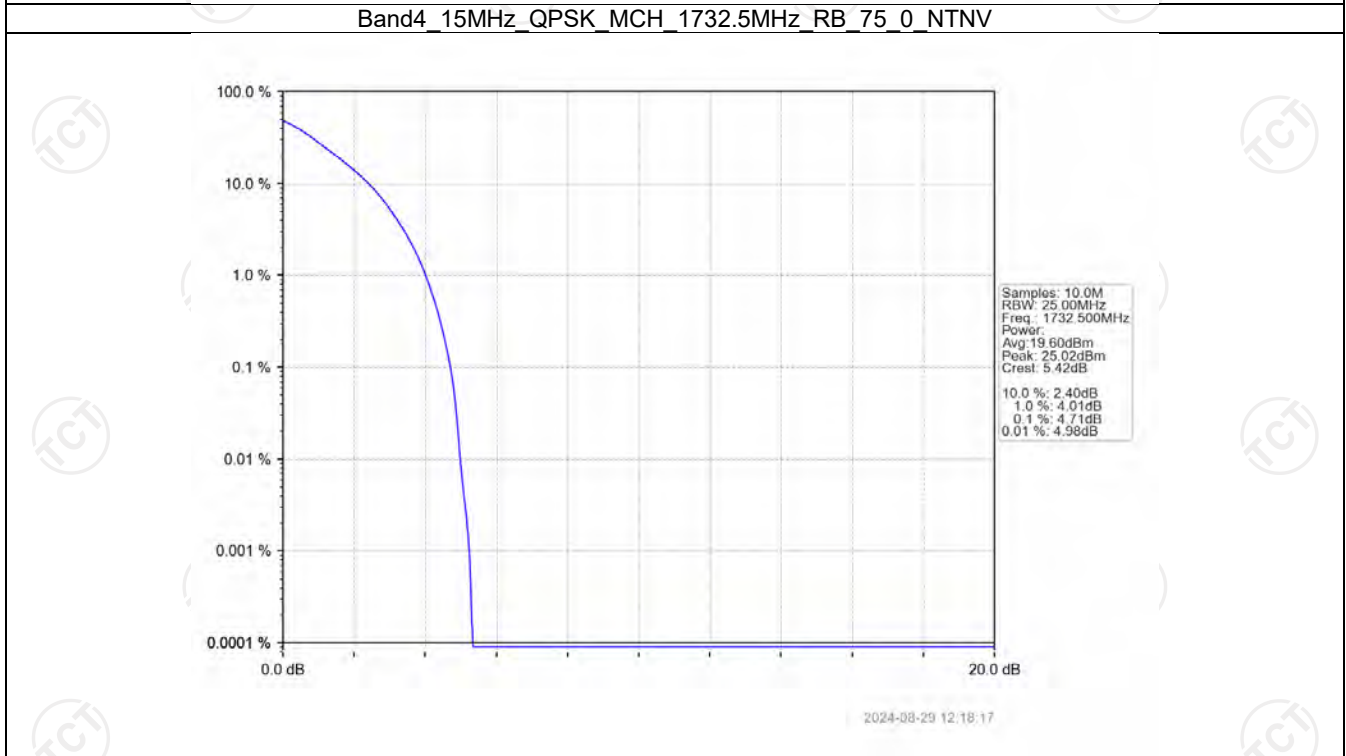
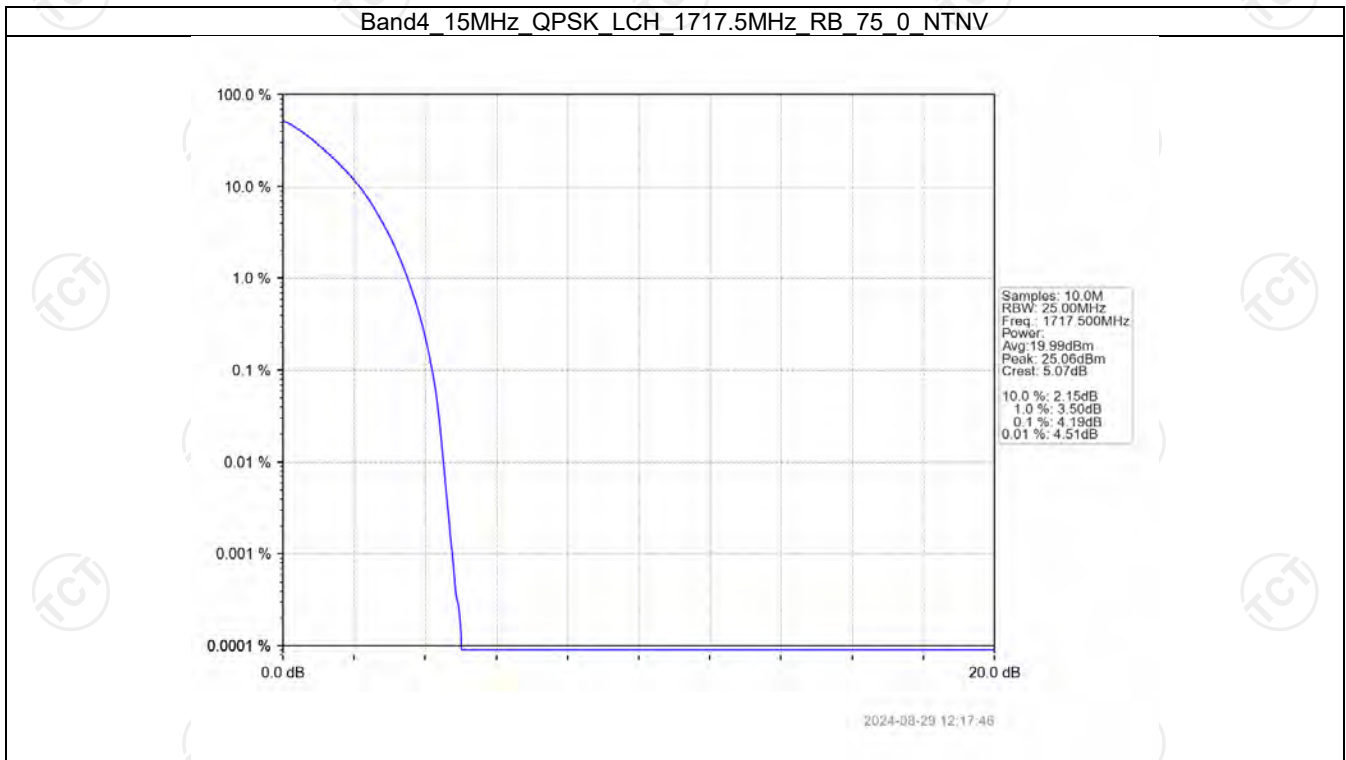


Samples: 10.0M  
RBW: 10.00MHz  
Freq: 1750.000MHz  
Power:  
Avg: 18.46dBm  
Peak: 26.45dBm  
Crest: 7.99dB  
10.0 %: 2.93dB  
1.0 %: 5.10dB  
0.1 %: 6.35dB  
0.01 %: 7.23dB

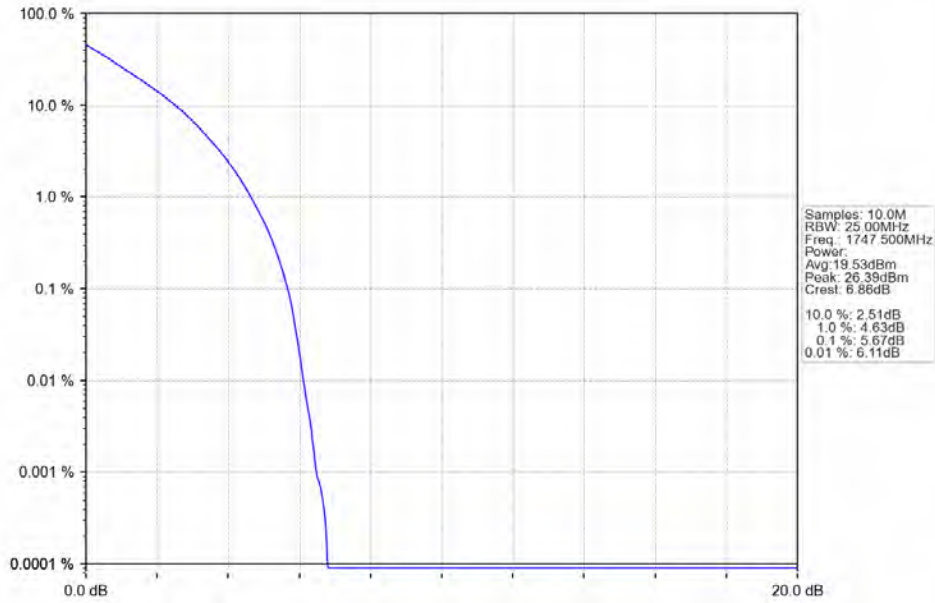
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5.2.5 B4\_15MHz

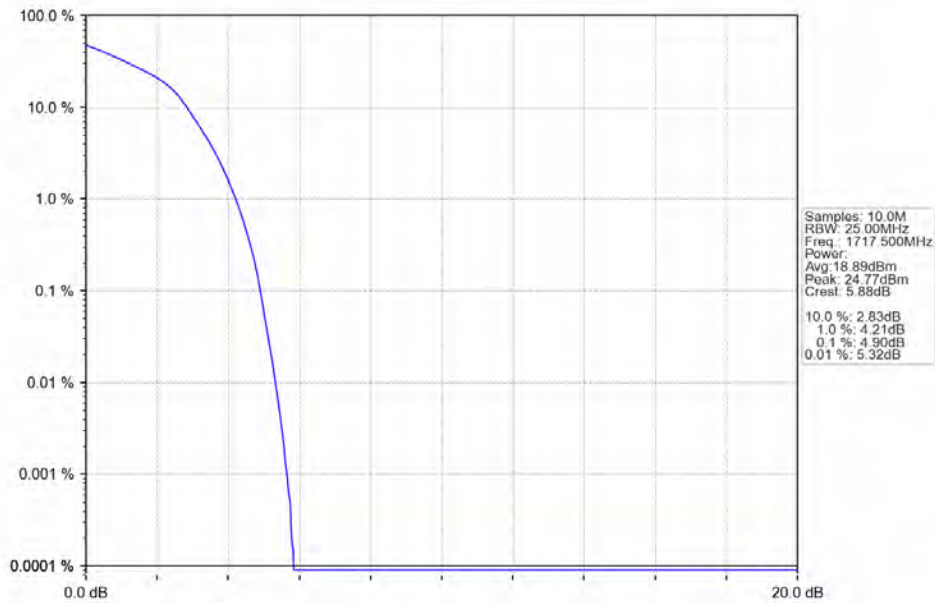


Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTN



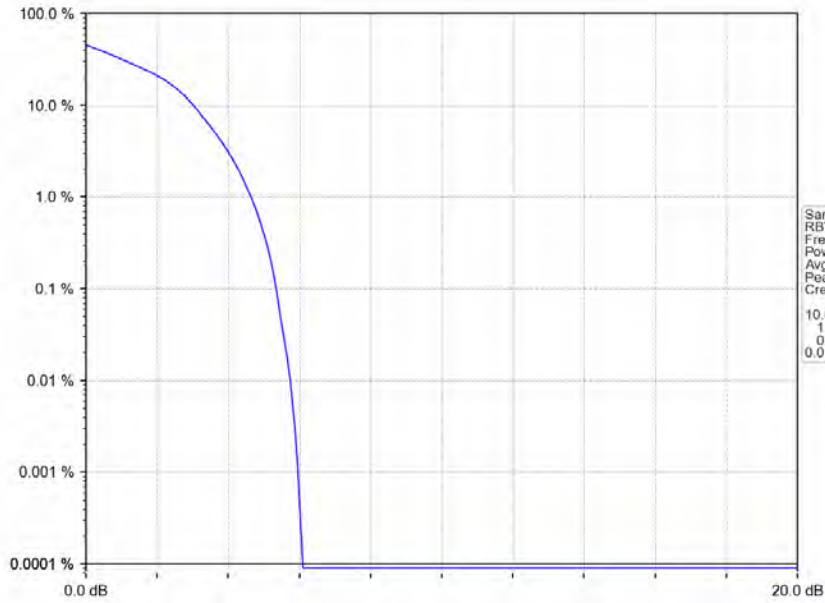
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Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



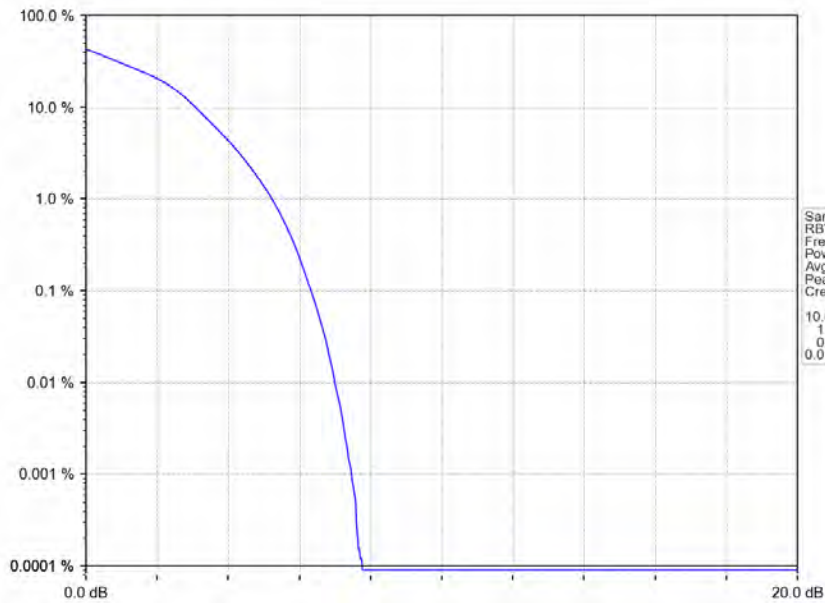
2024-08-29 12:17:59

Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN



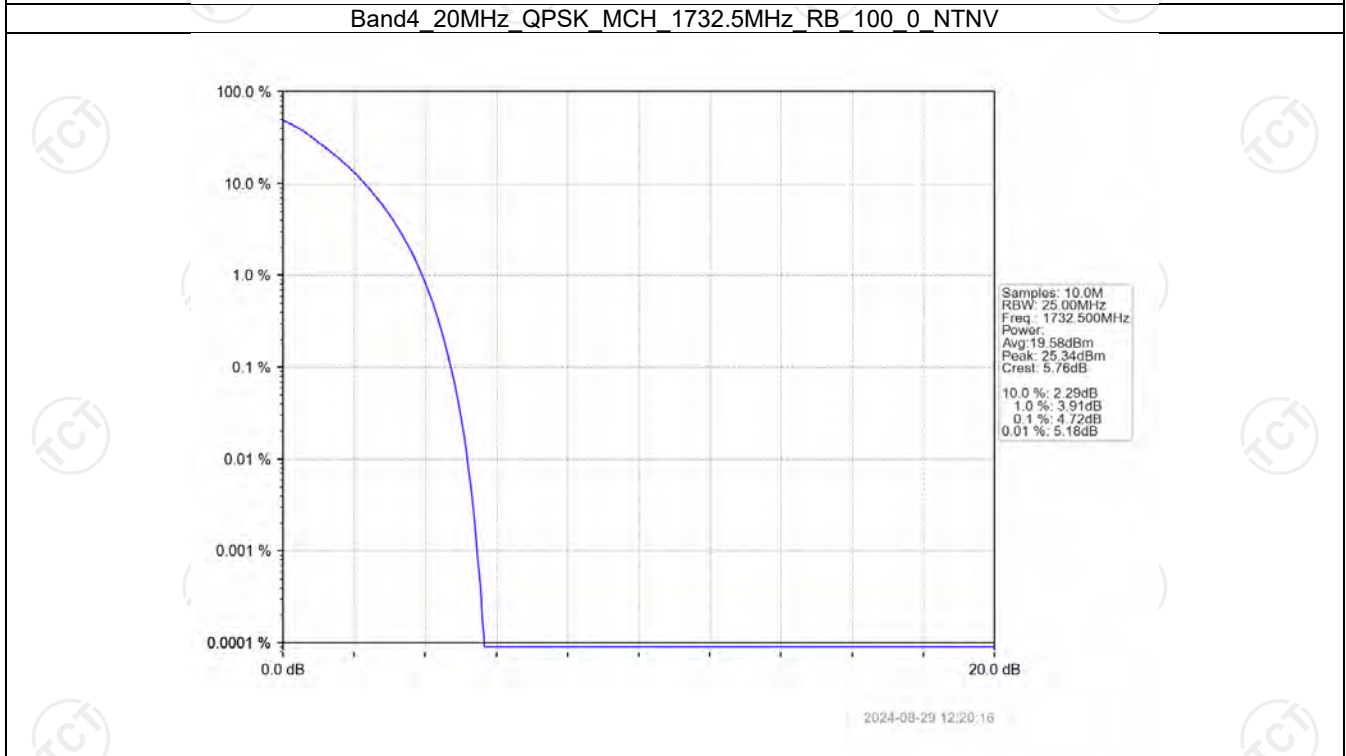
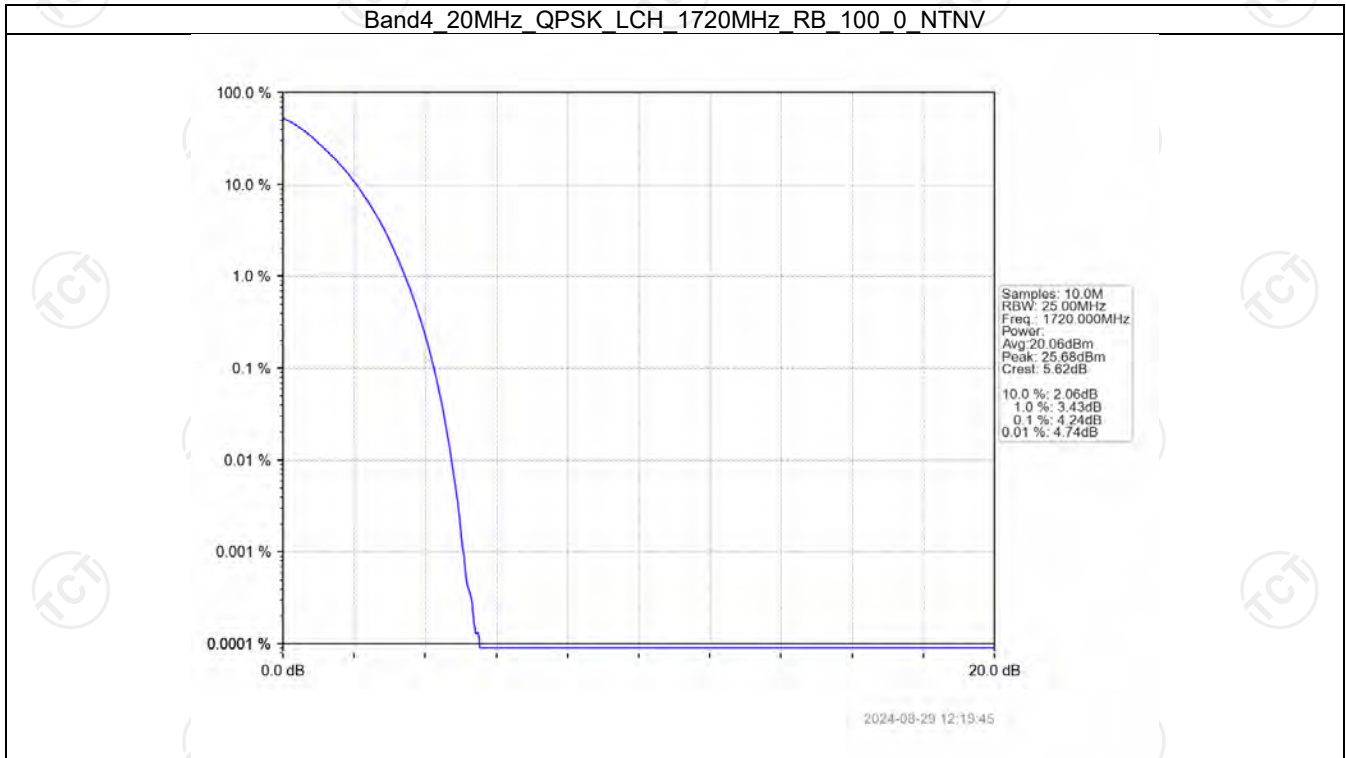
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Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN

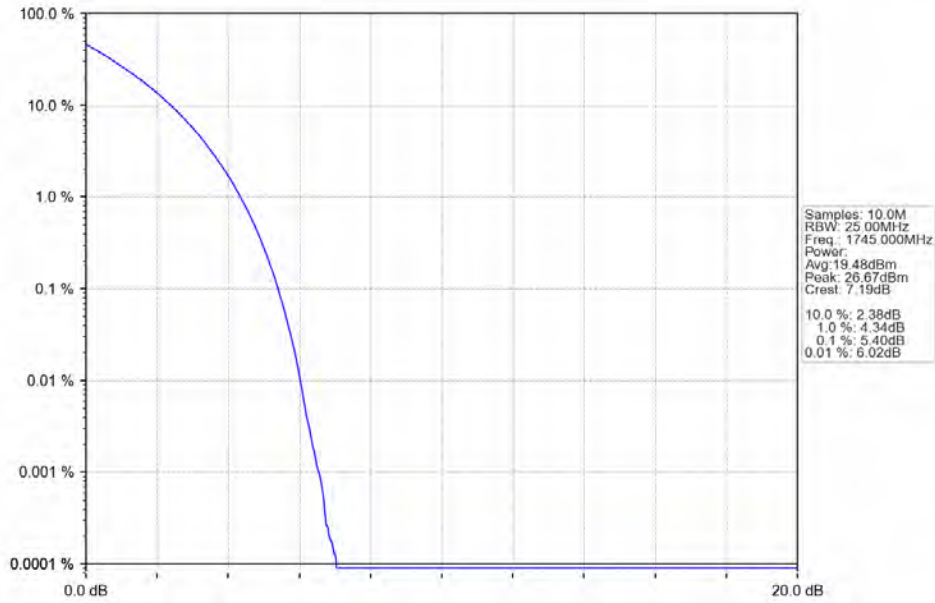


2024-08-29 12:19:01

5.2.6 B4\_20MHz

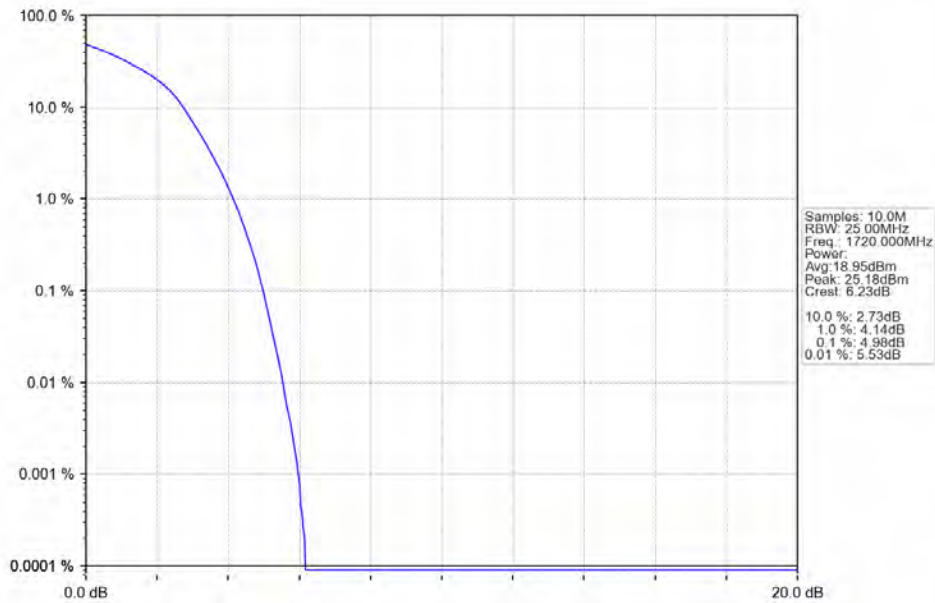


Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



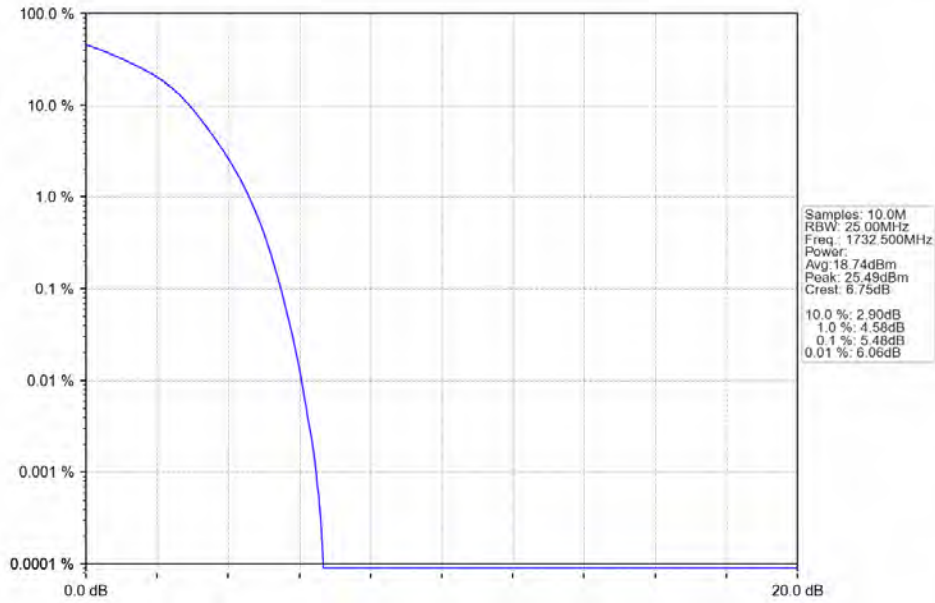
2024-08-29 12:20:47

Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



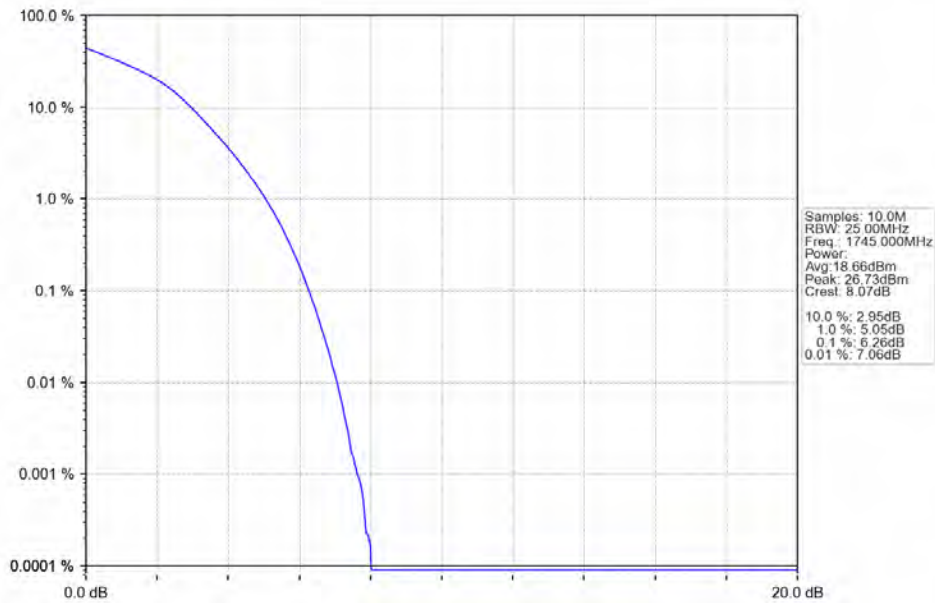
2024-08-29 12:19:58

Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTV



2024-08-29 12:20:29

Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTV



2024-08-29 12:21:00

## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B4\_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTN						
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
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

#### 6.1.2 B4\_3MHz

Band: 4 / Bandwidth: 3MHz / NTN						
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
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

#### 6.1.3 B4\_5MHz

Band: 4 / Bandwidth: 5MHz / NTN						
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
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

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

#### 6.1.4 B4\_10MHz

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

#### 6.1.5 B4\_15MHz

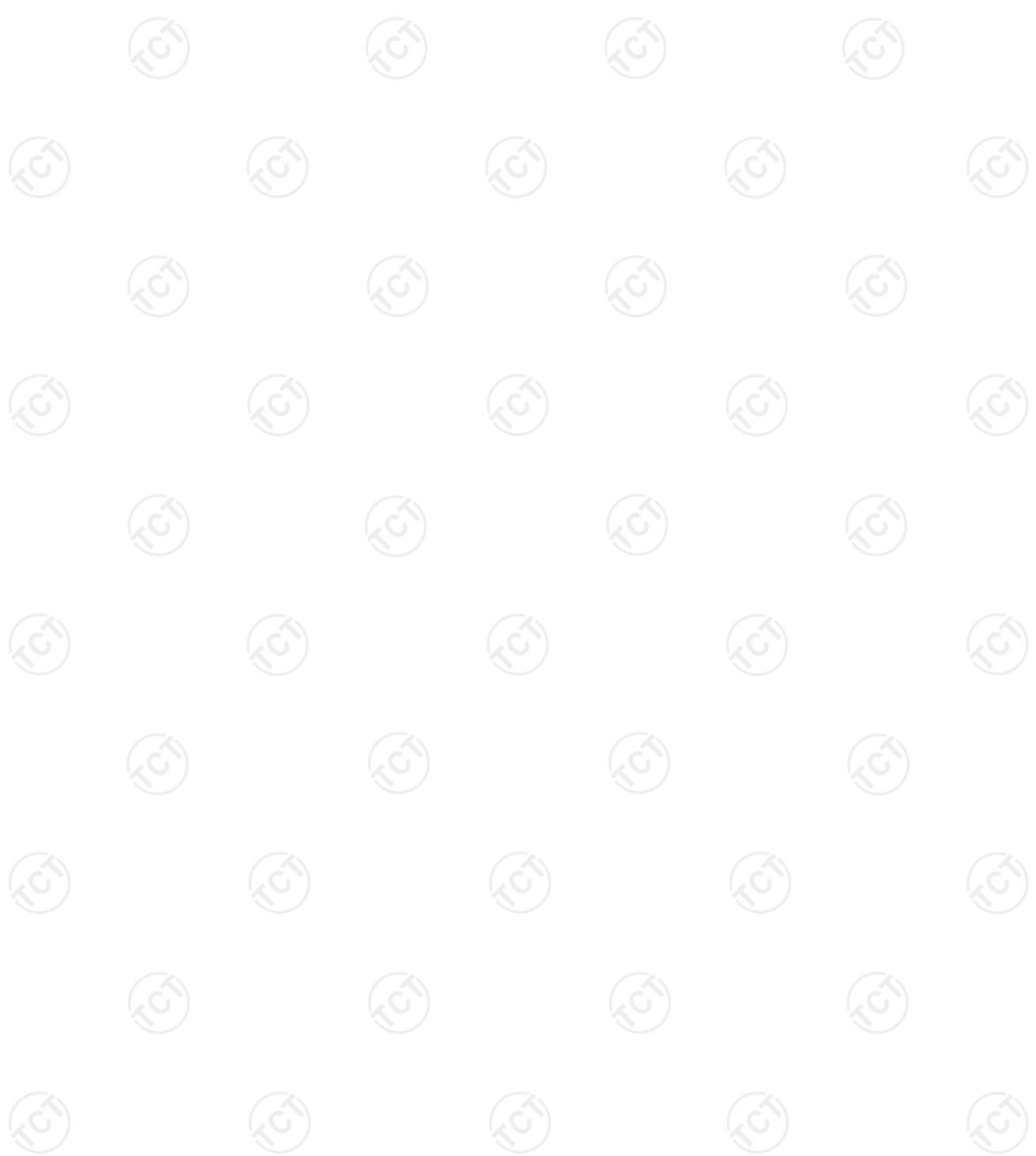
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	1732.5	1	0	Refer To Test Graph	Pass	
		1	0	Refer To Test Graph	Pass	
	1747.5	1	0	Refer To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

#### 6.1.6 B4\_20MHz

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

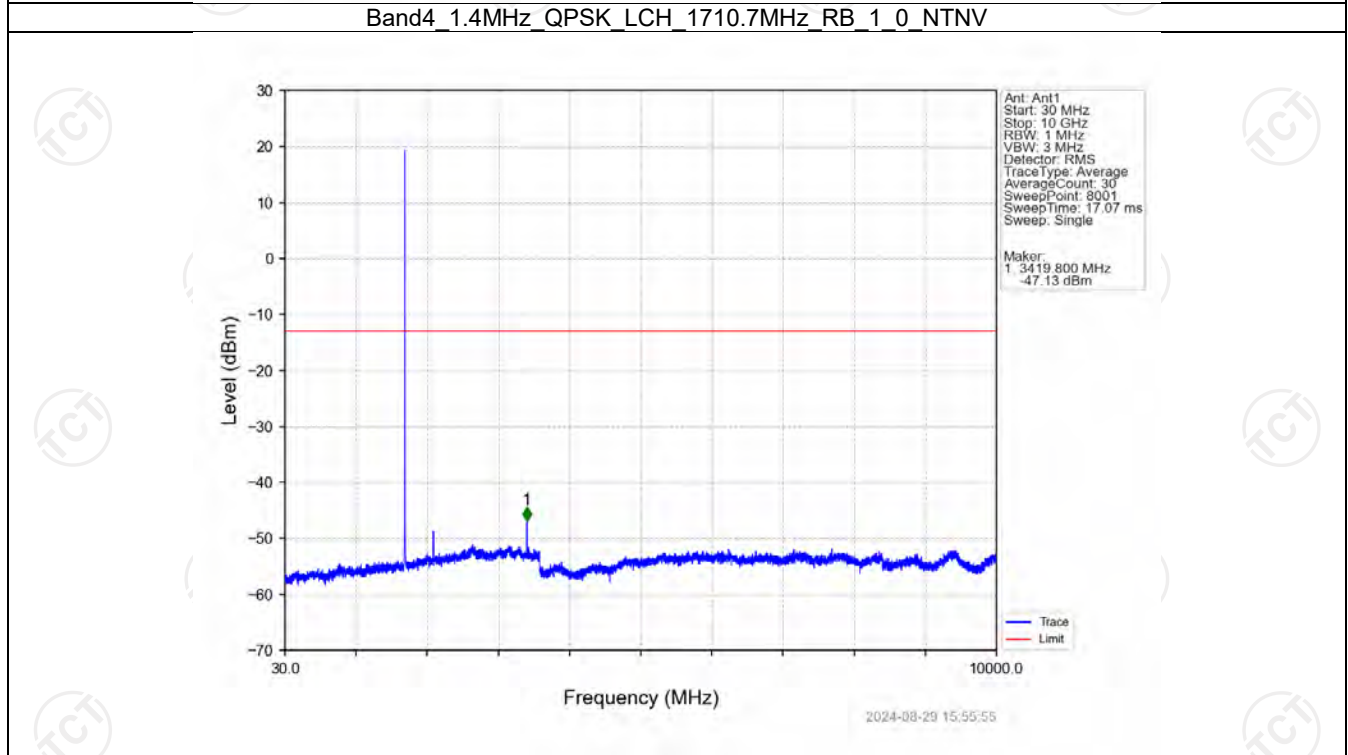
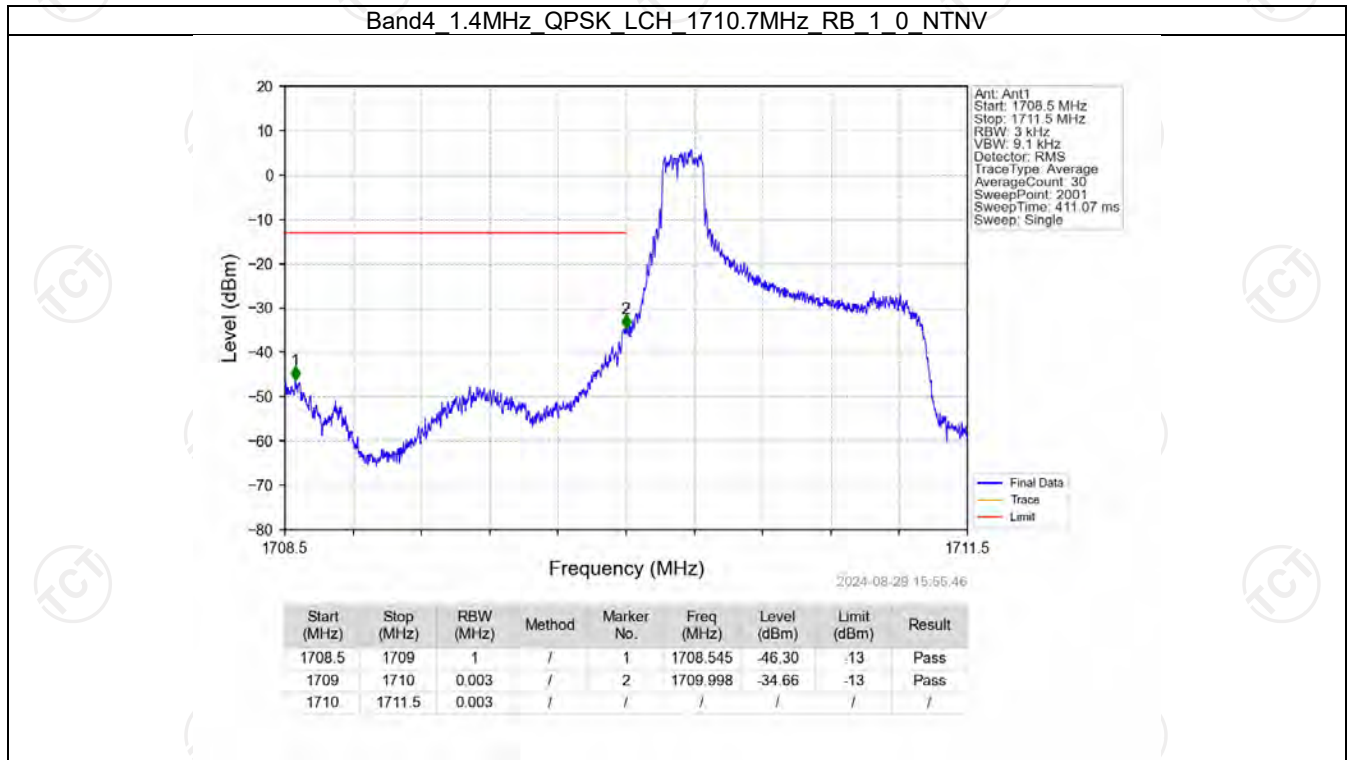


		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

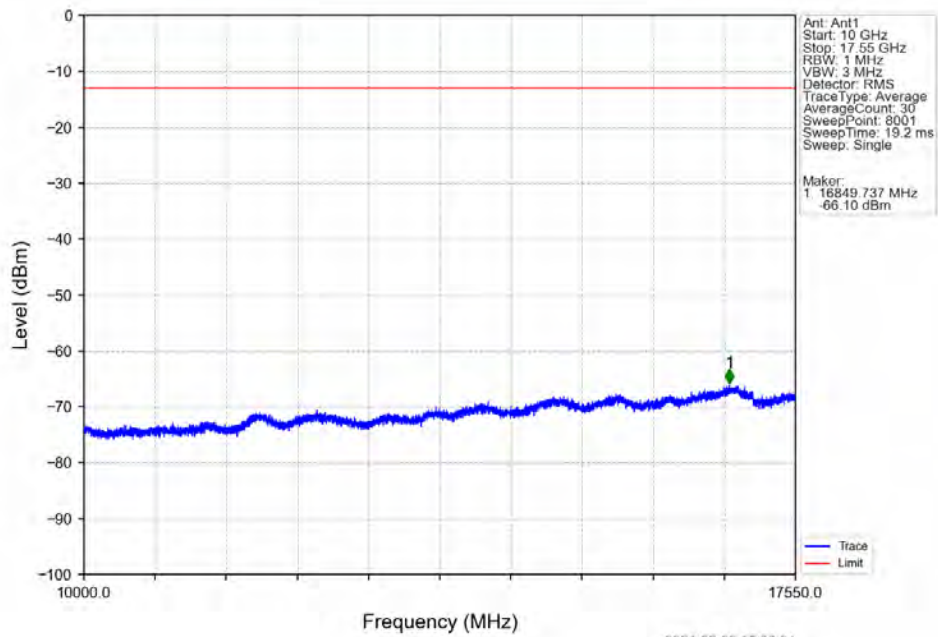


## 6.2 Test Graph

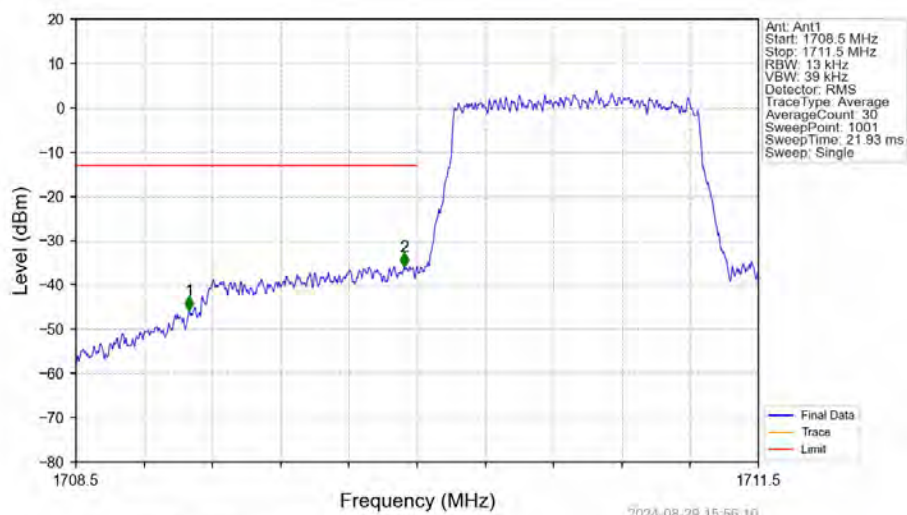
### 6.2.1 B4\_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

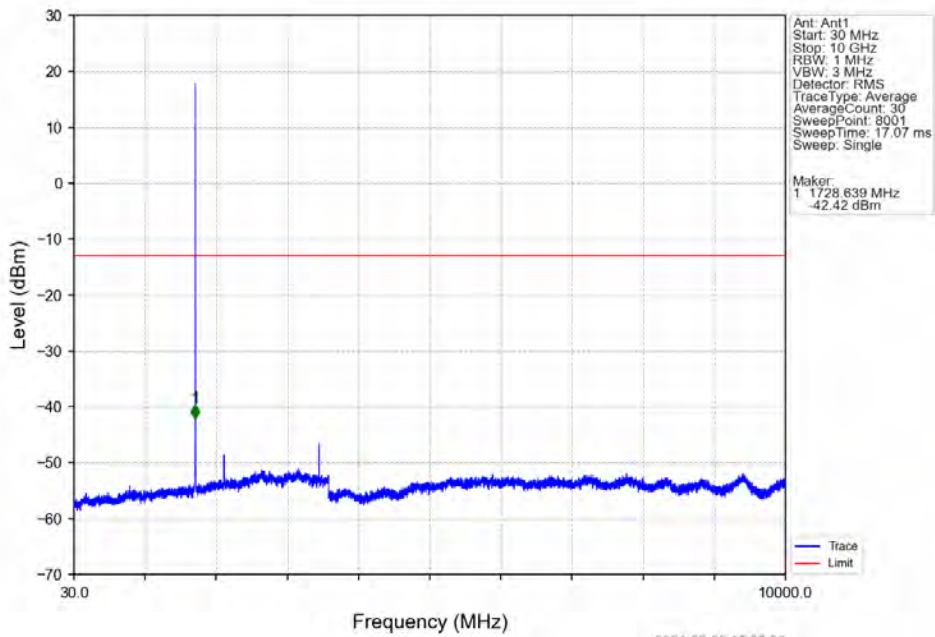


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

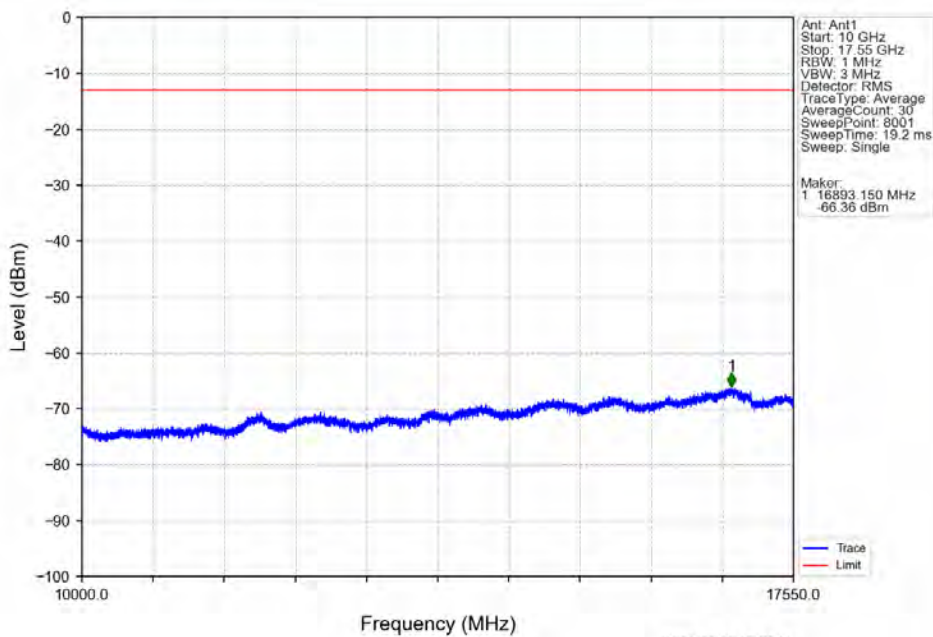


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-45.70	-13	Pass
1709	1710	0.013	/	2	1709.943	-35.79	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

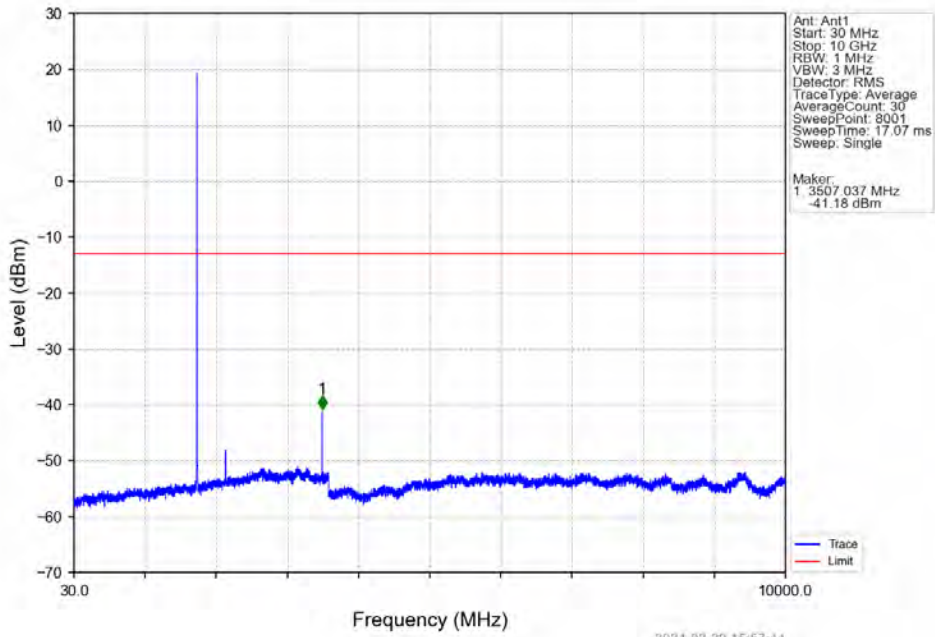
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



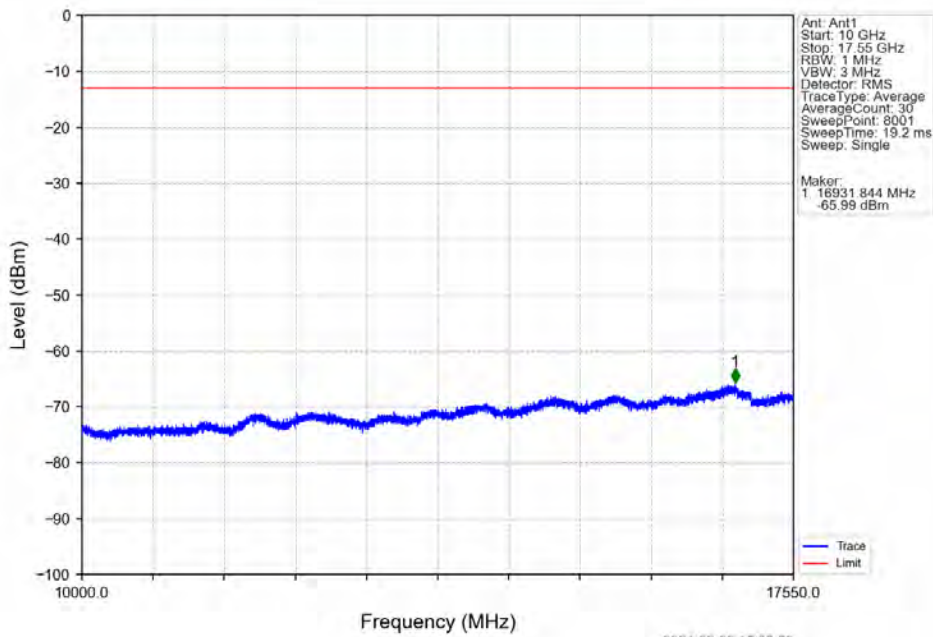
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



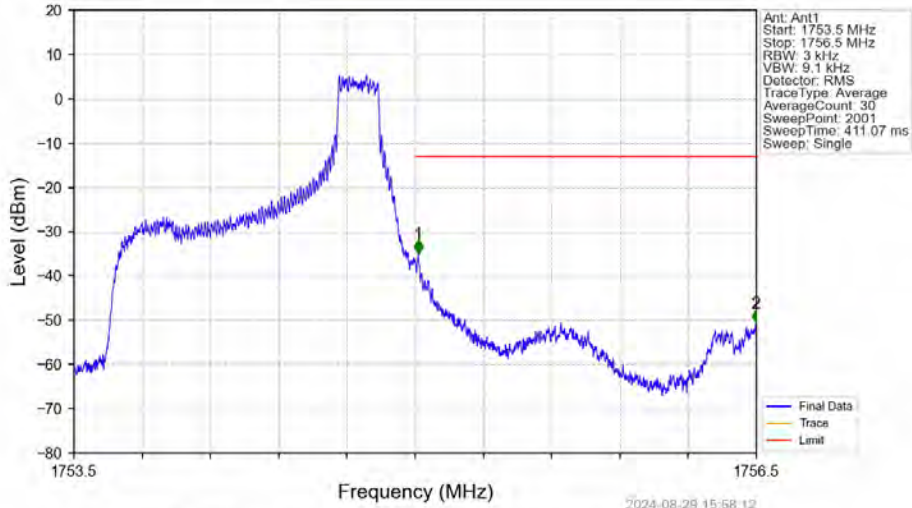
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

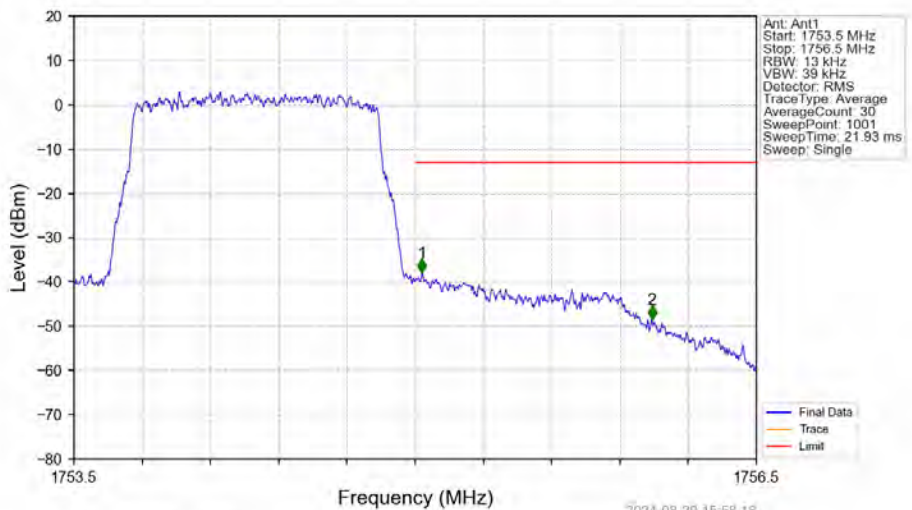


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



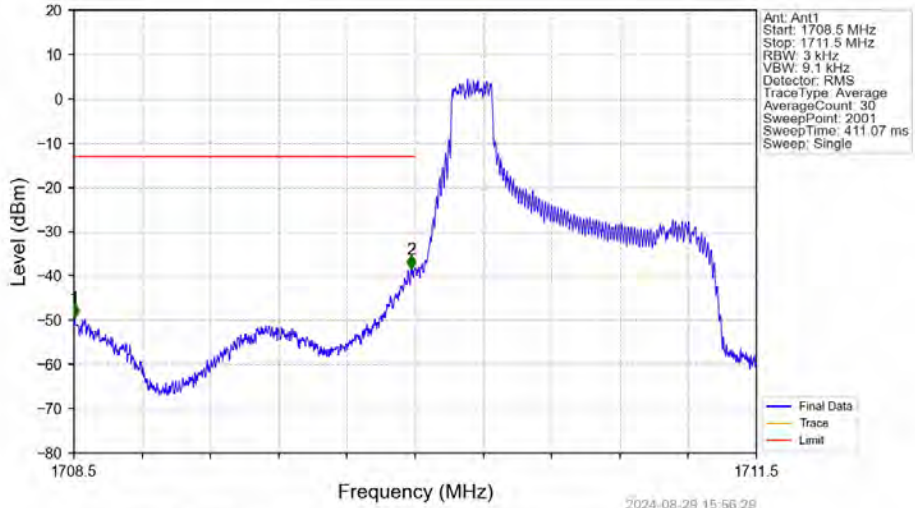
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.014	-34.99	-13	Pass
1756	1756.5	1	/	2	1756.498	-50.68	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



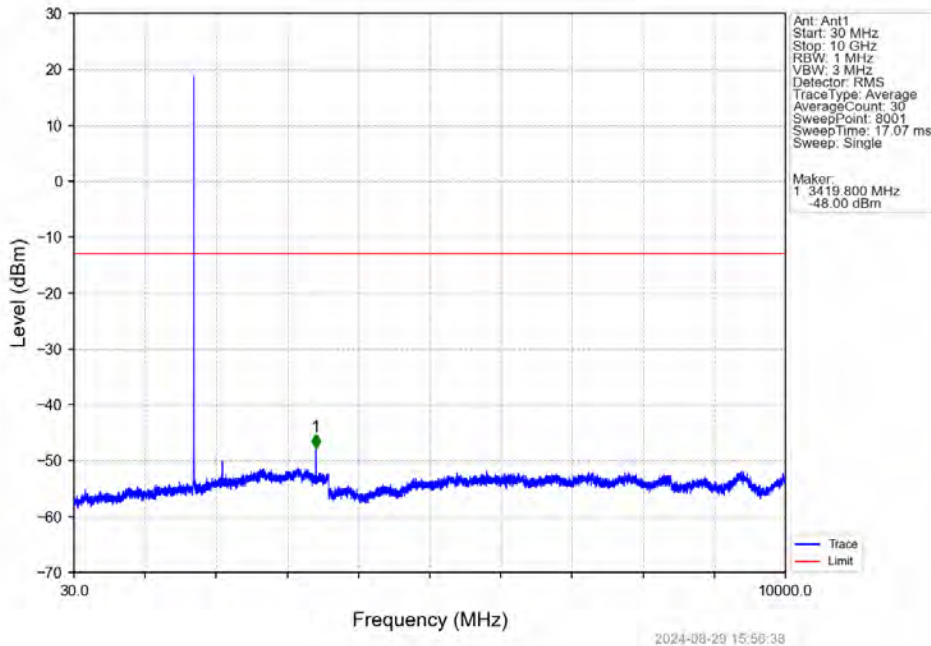
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.030	-37.95	-13	Pass
1756	1756.5	1	/	2	1756.041	-48.48	-13	Pass

Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

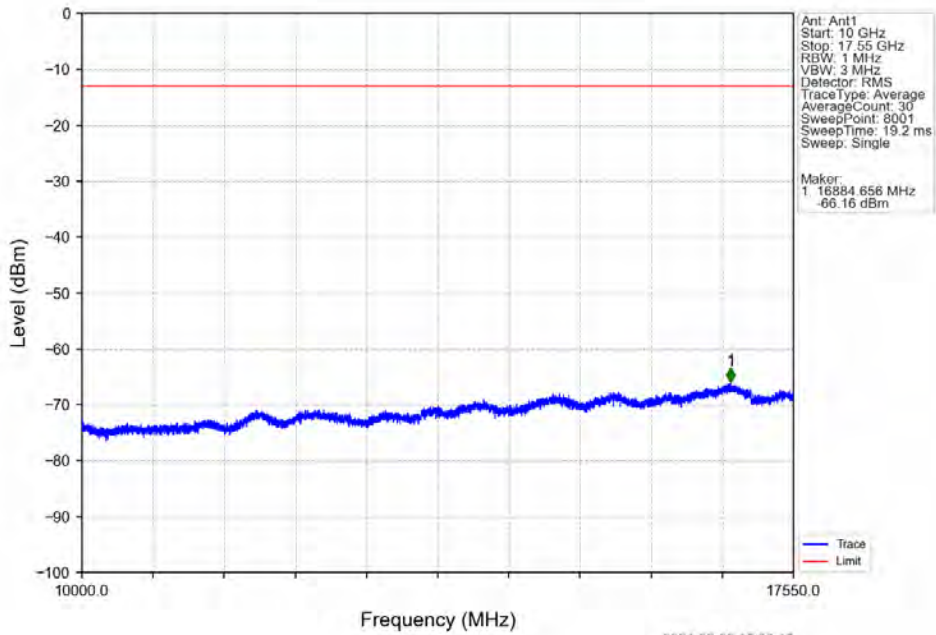


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.503	-49.33	-13	Pass
1709	1710	0.003	/	2	1709.982	-38.35	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

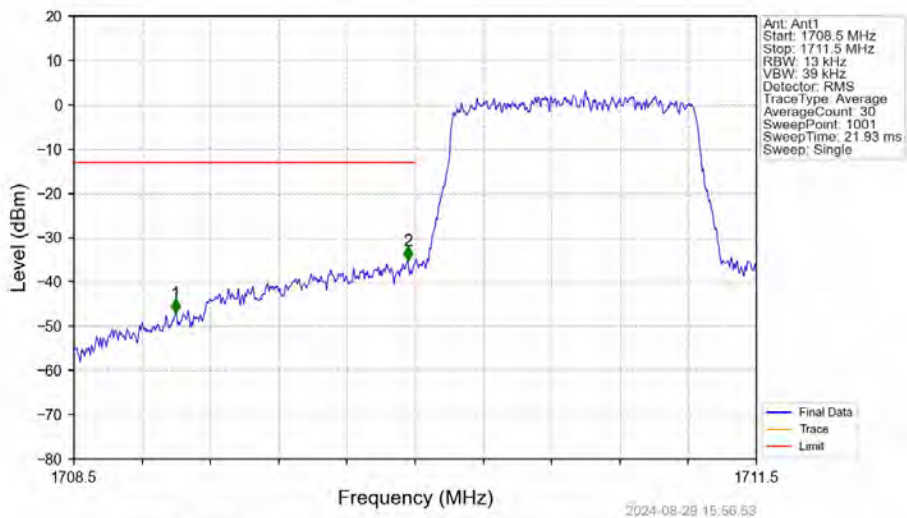
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



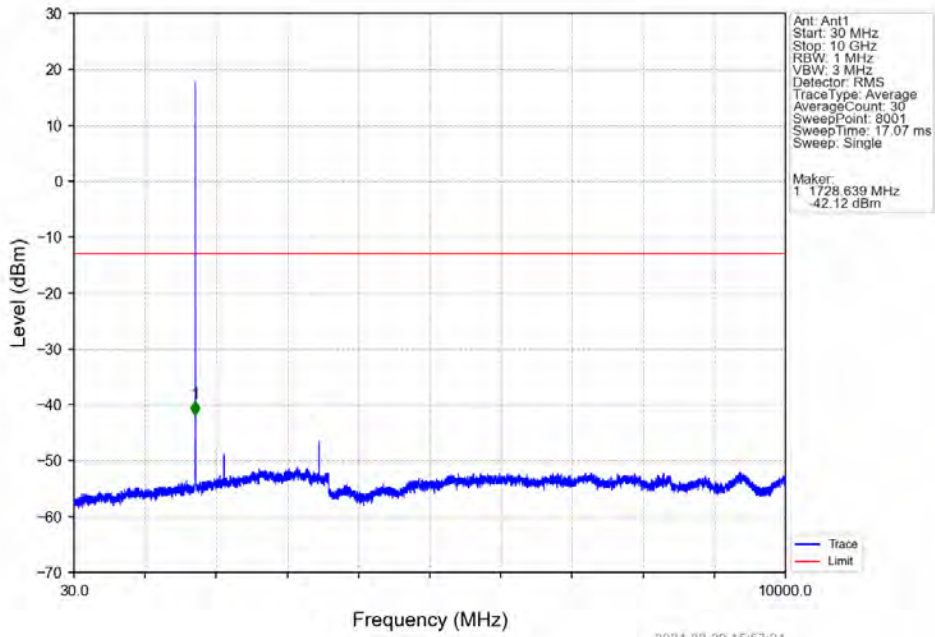
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



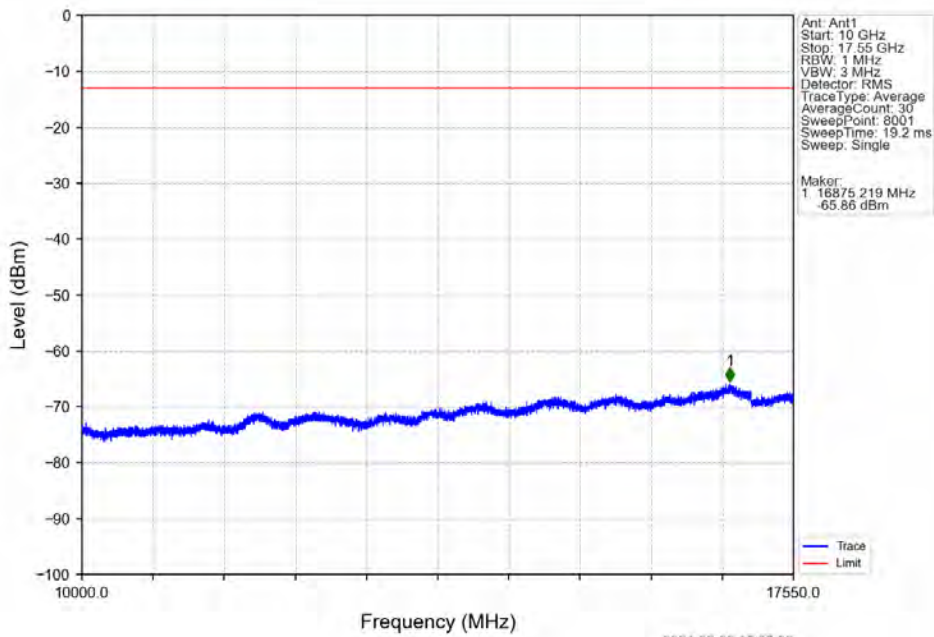
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.947	-46.90	-13	Pass
1709	1710	0.013	/	2	1709.967	-35.10	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



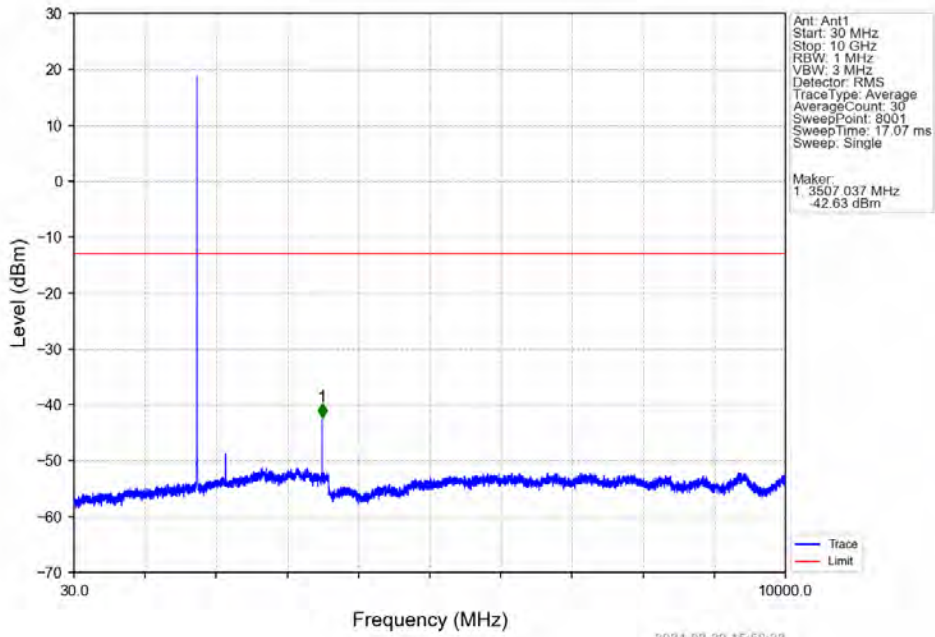
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTN



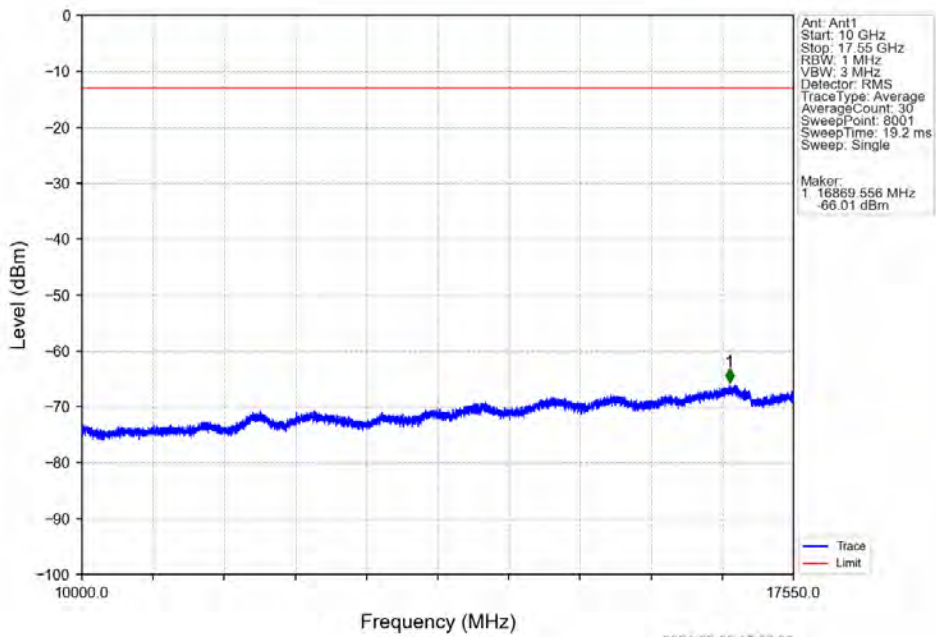
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTN



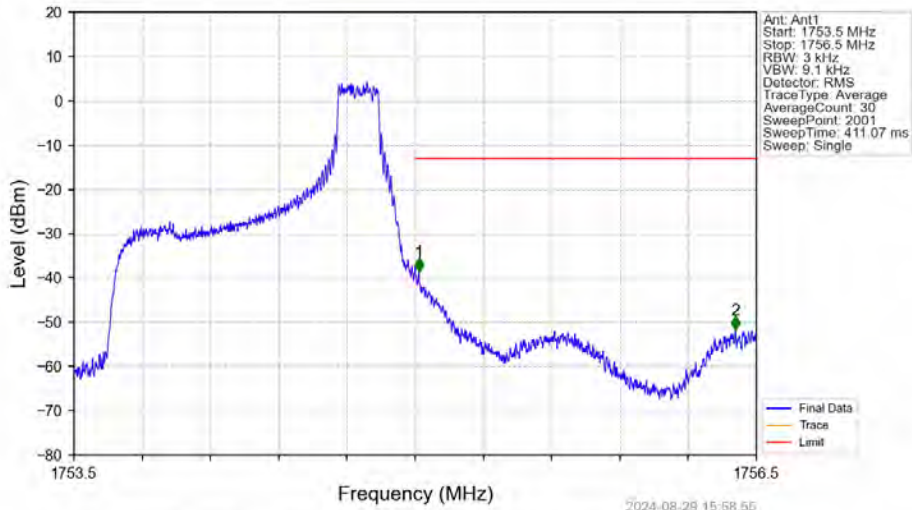
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTN



Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTN

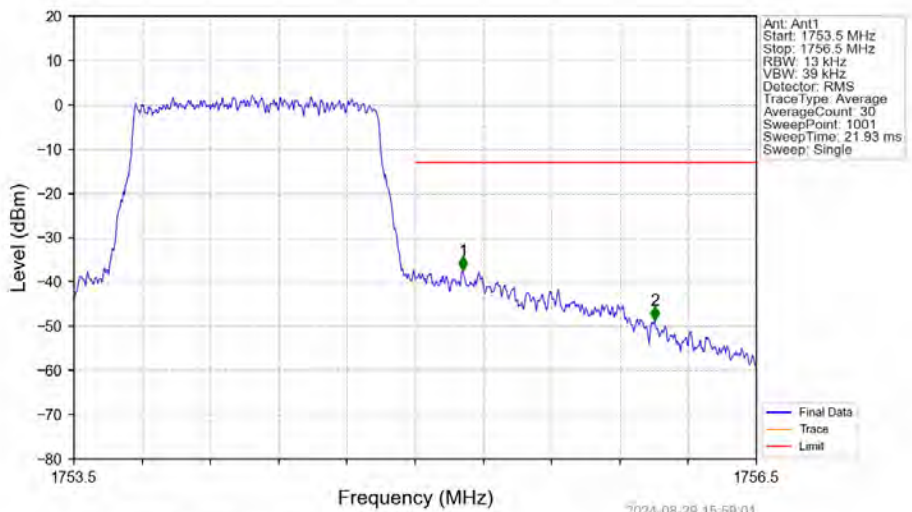


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTNV



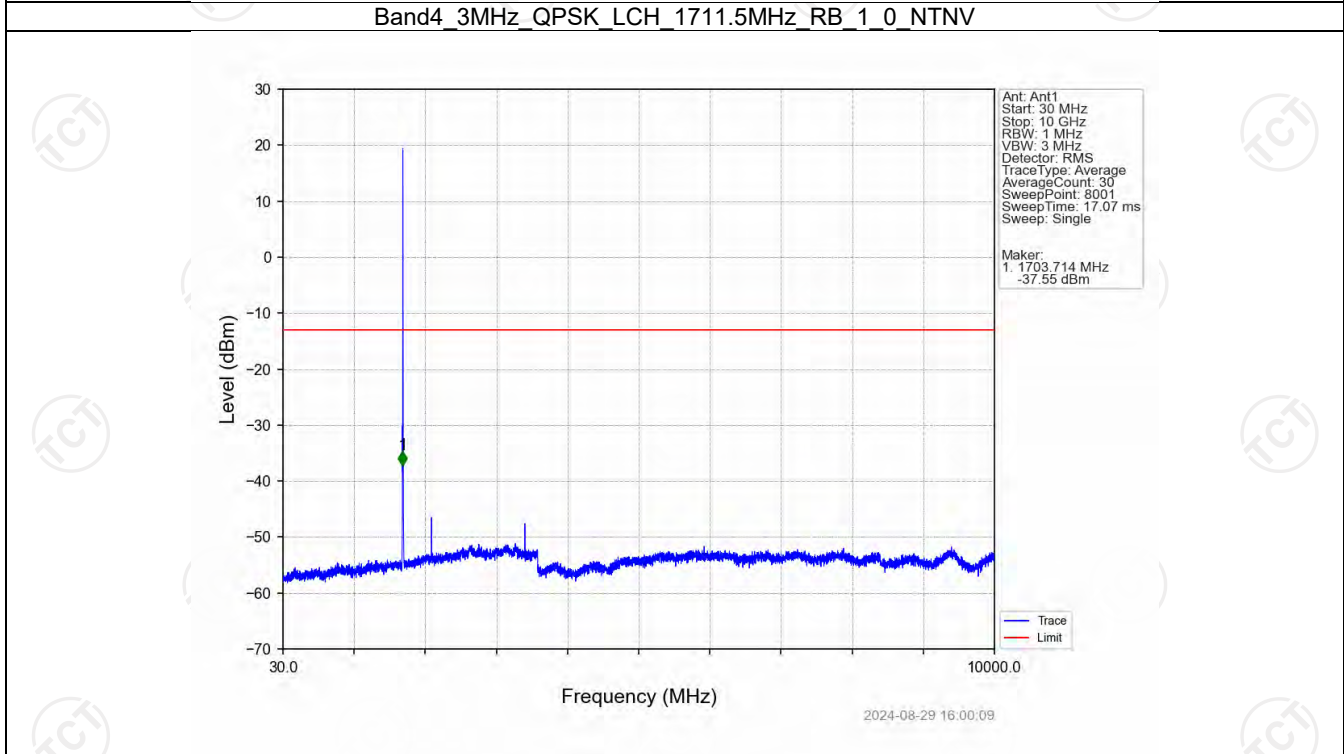
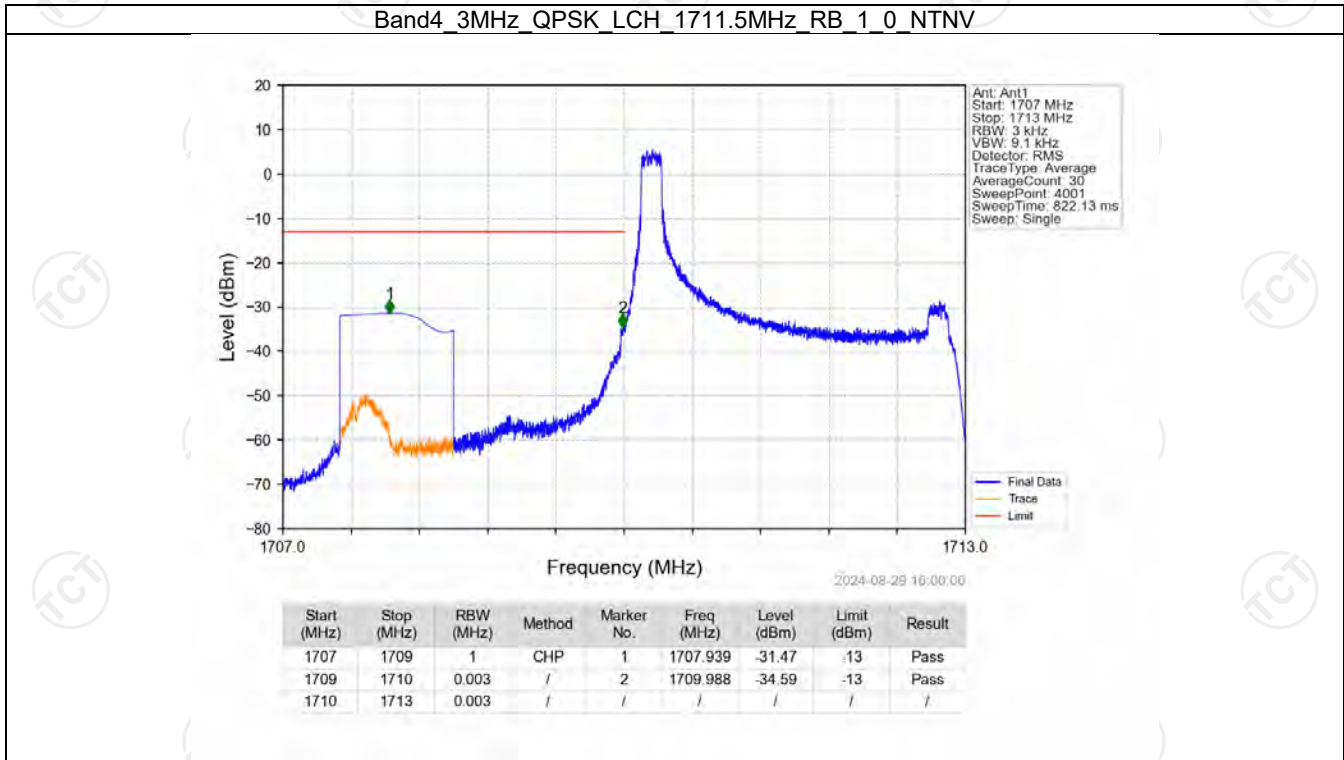
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.016	-38.60	-13	Pass
1756	1756.5	1	/	2	1756.407	-51.68	-13	Pass

Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

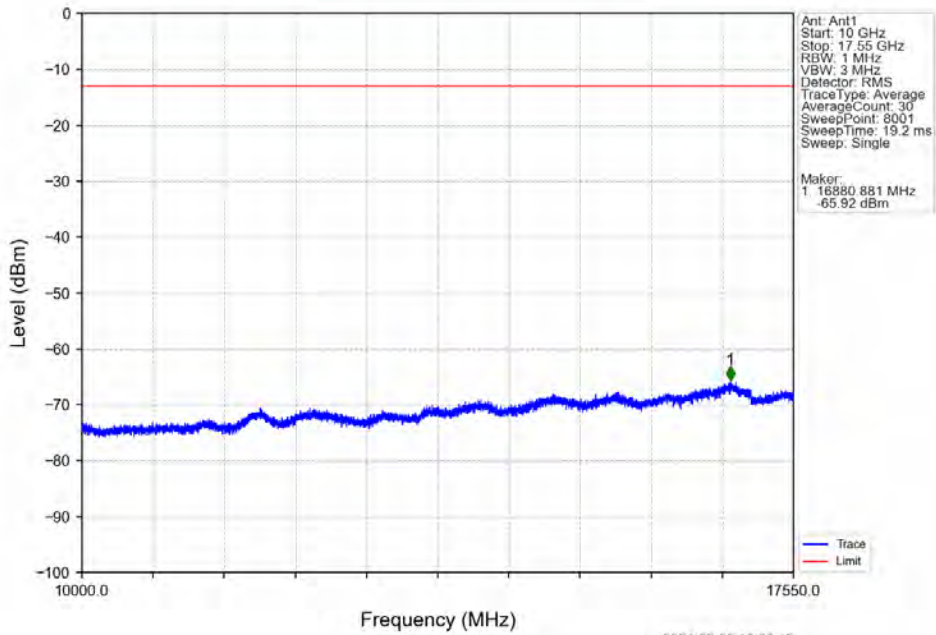


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.210	-37.27	-13	Pass
1756	1756.5	1	/	2	1756.053	-48.69	-13	Pass

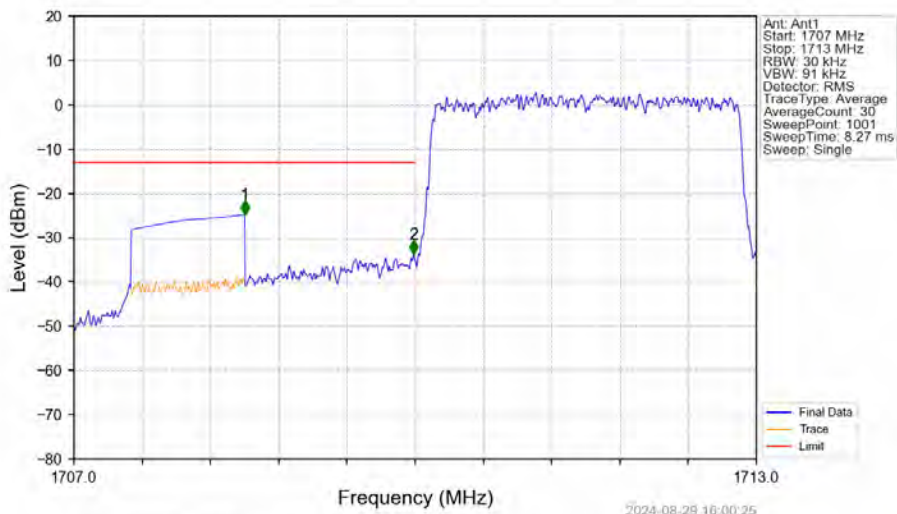
6.2.2 B4\_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

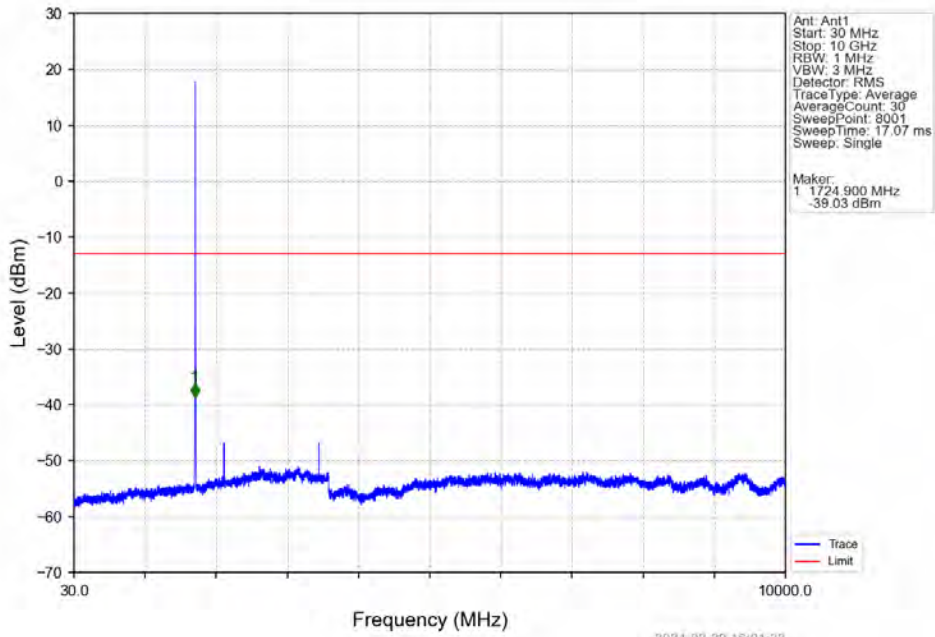


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

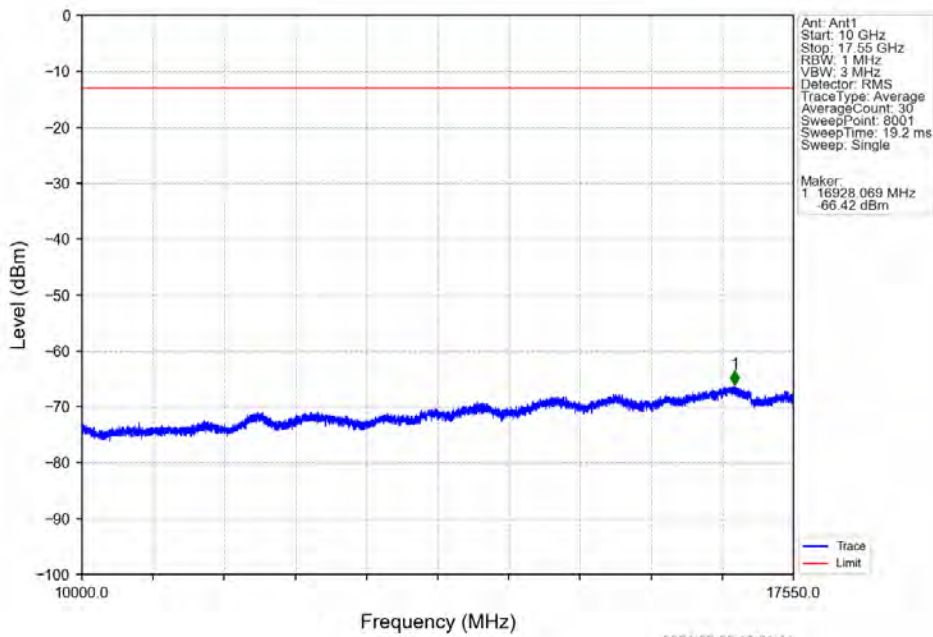


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.81	-13	Pass
1709	1710	0.03	/	2	1709.988	-33.74	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

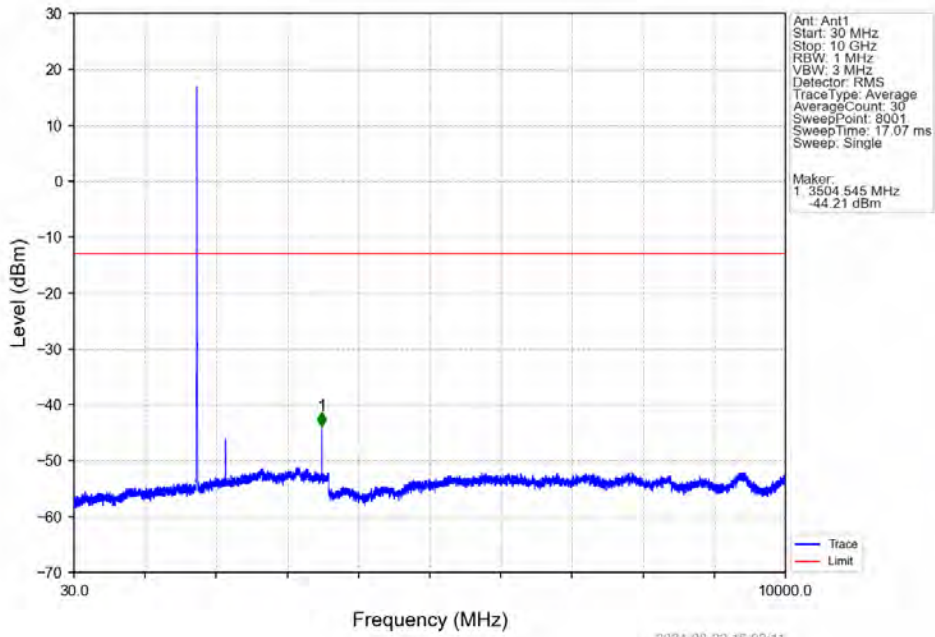
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTV



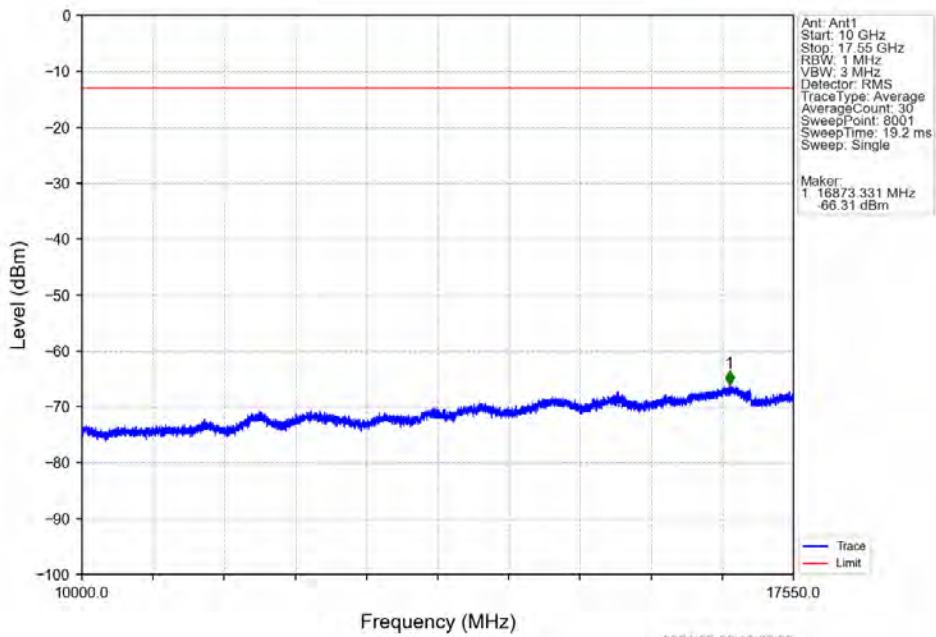
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTV



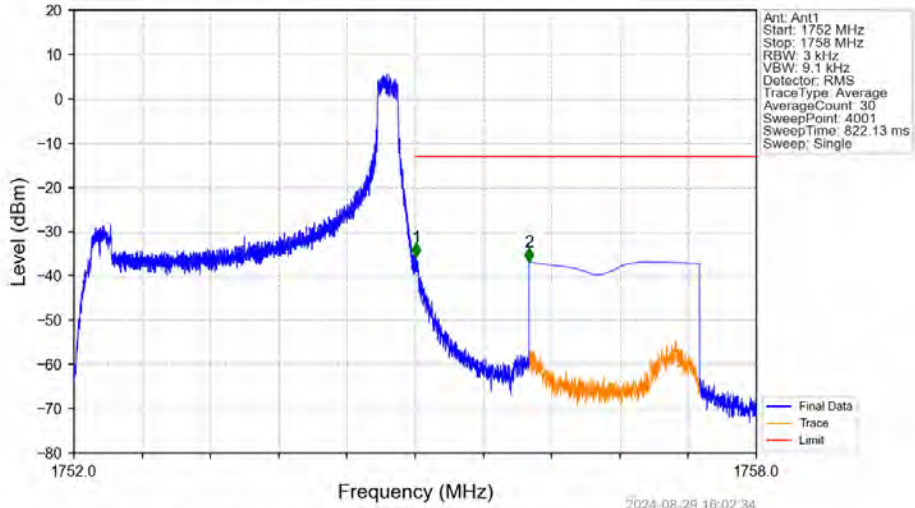
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

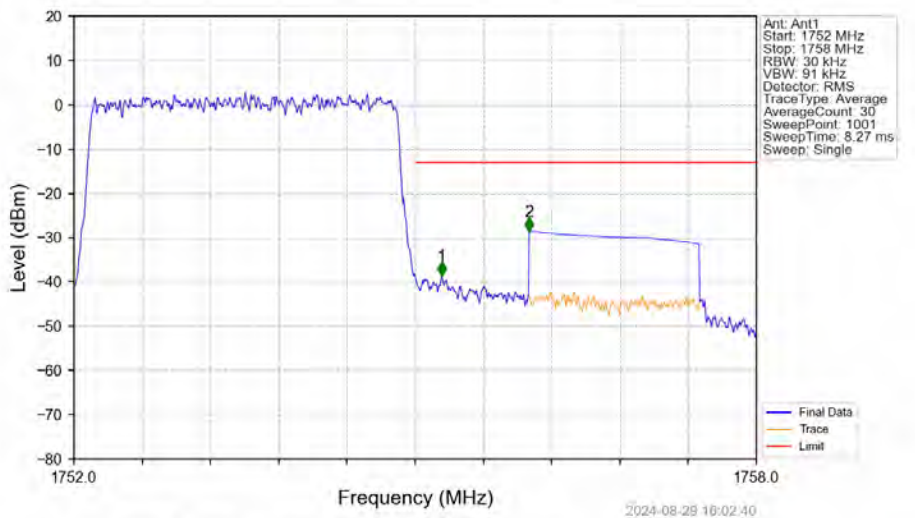


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



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	1755.009	-35.65	-13	Pass
1756	1758	1	CHP	2	1756.001	-36.82	-13	Pass

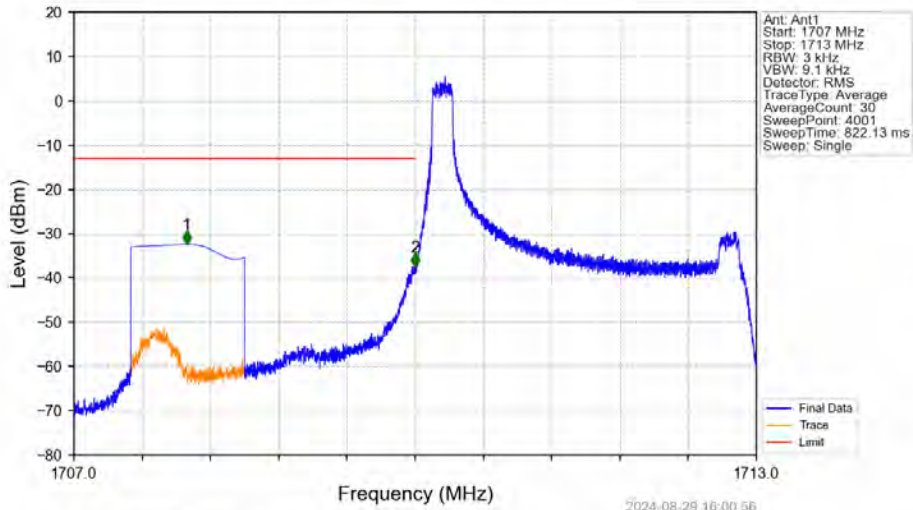
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.234	-38.52	-13	Pass
1756	1758	1	CHP	2	1756.002	-28.59	-13	Pass

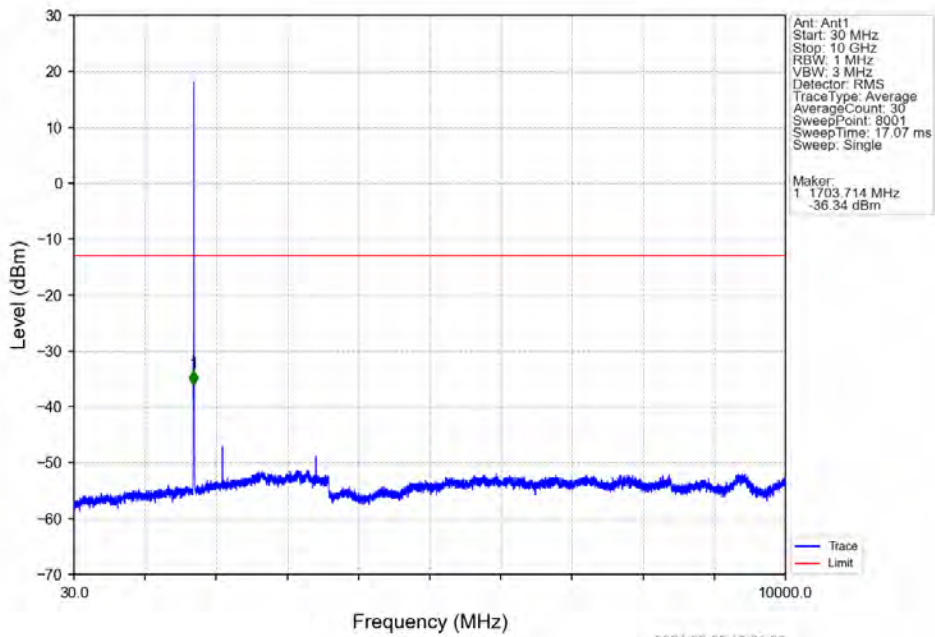


Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTN

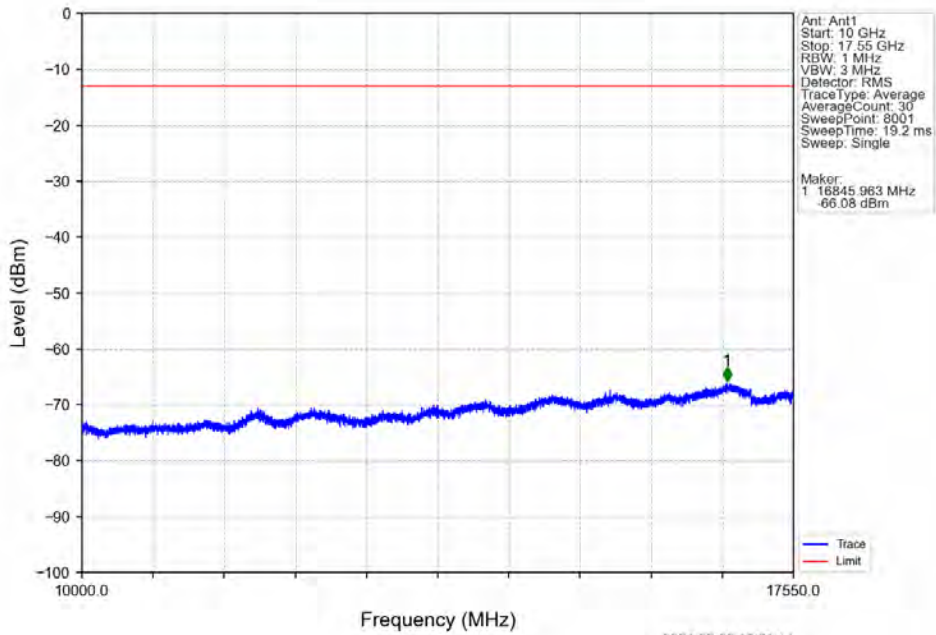


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.990	-32.44	-13	Pass
1709	1710	0.003	/	2	1709.998	-37.44	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

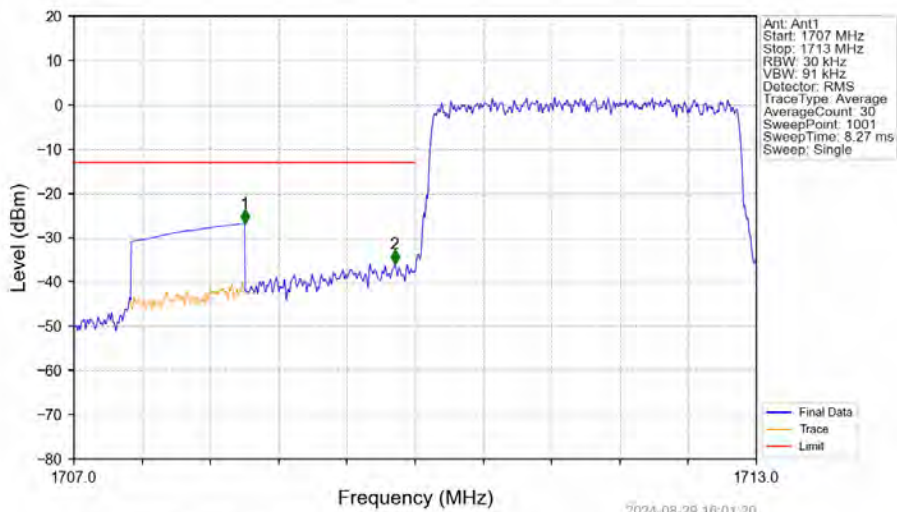
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTN



Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV

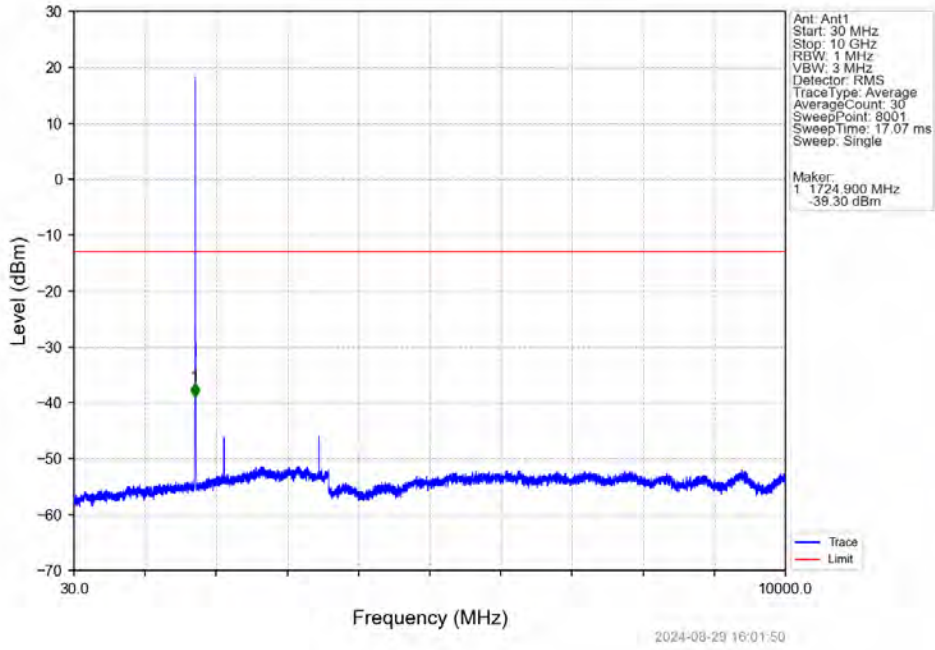


Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV

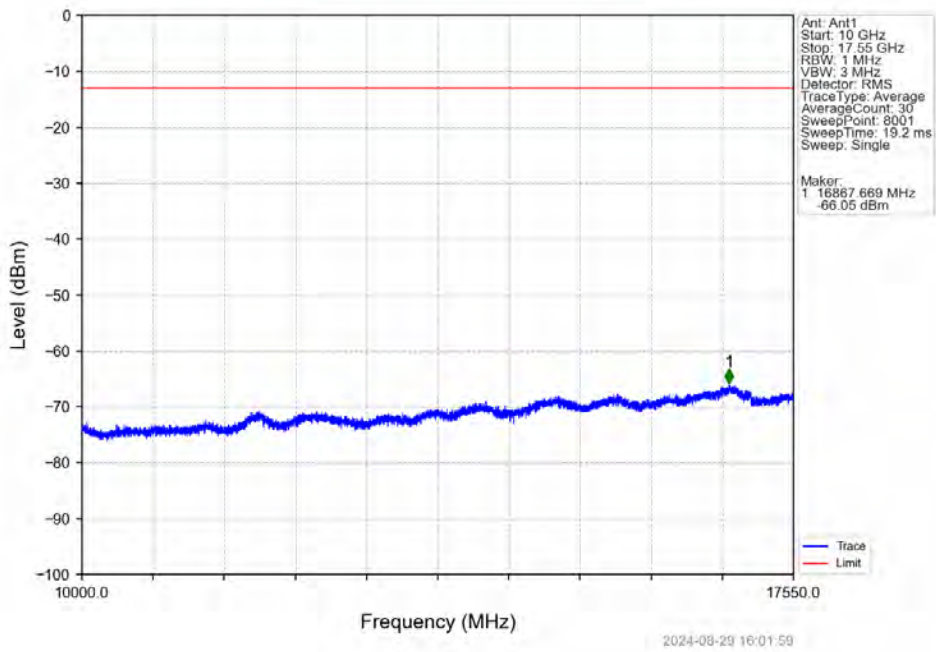


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.71	-13	Pass
1709	1710	0.03	/	2	1709.820	-35.83	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

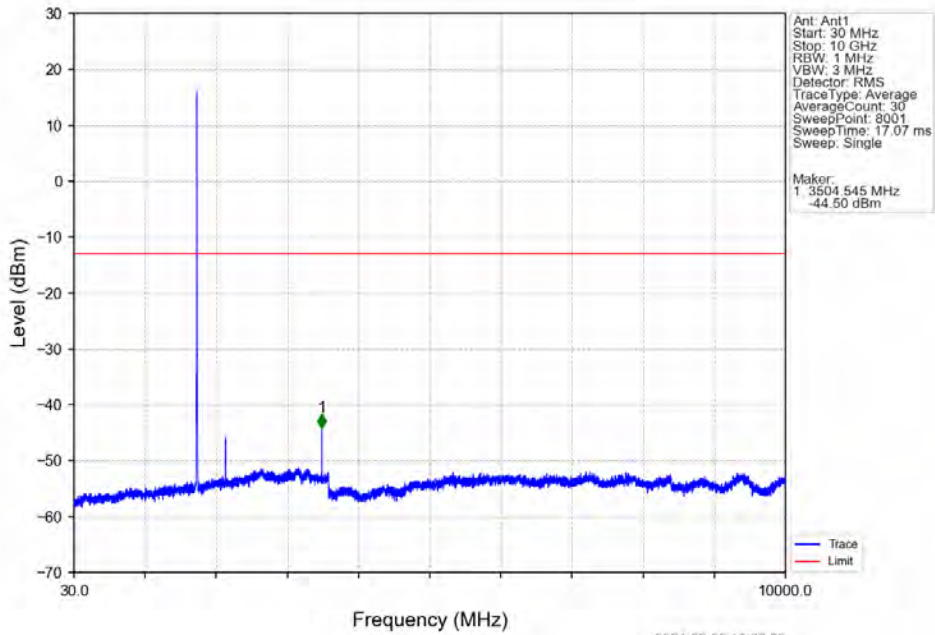
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



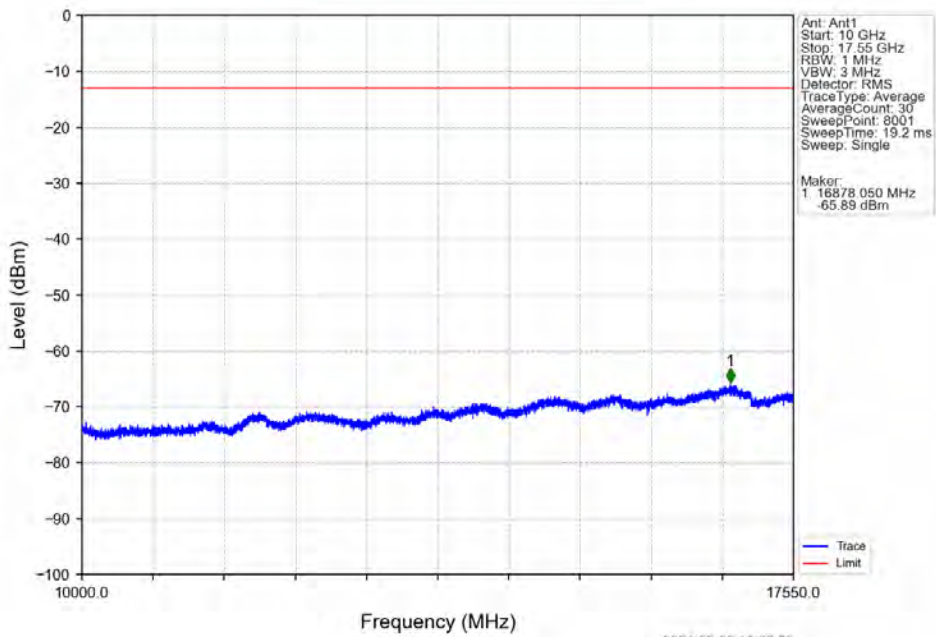
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



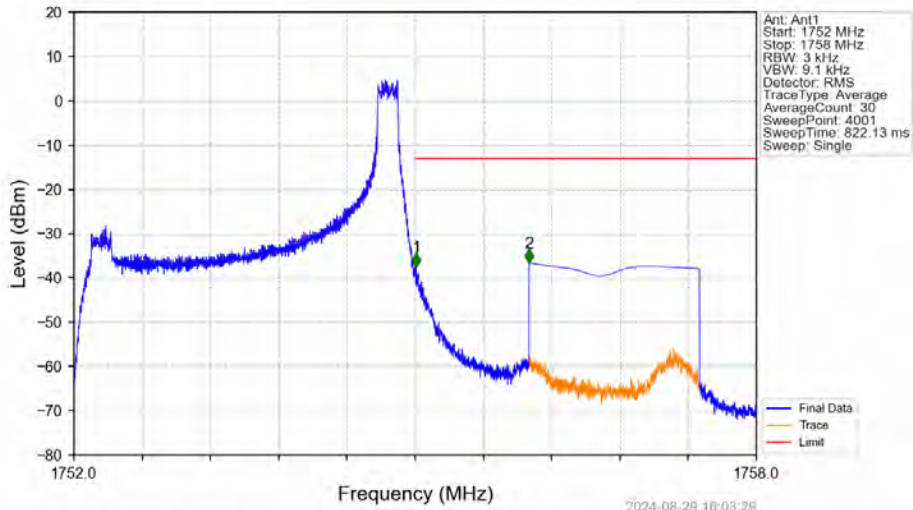
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV

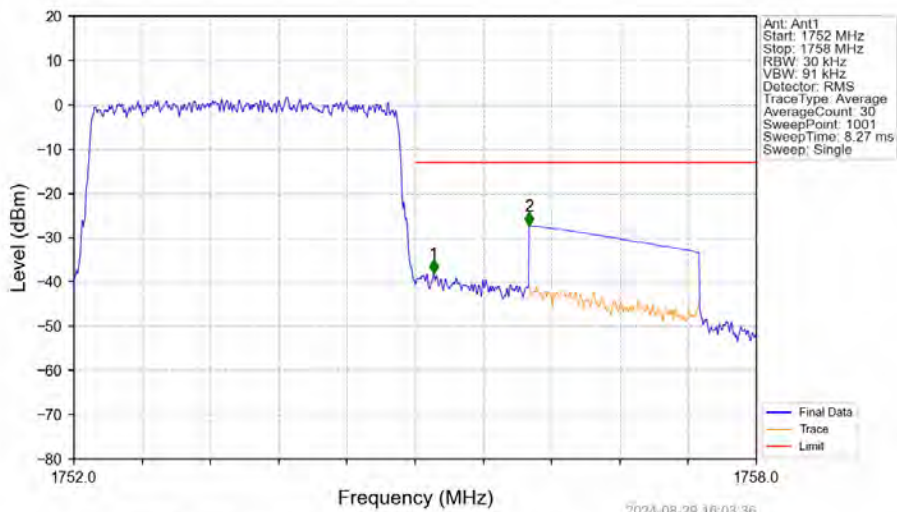


Band4 3MHz 16QAM HCH 1753.5MHz RB 1 14 NTV



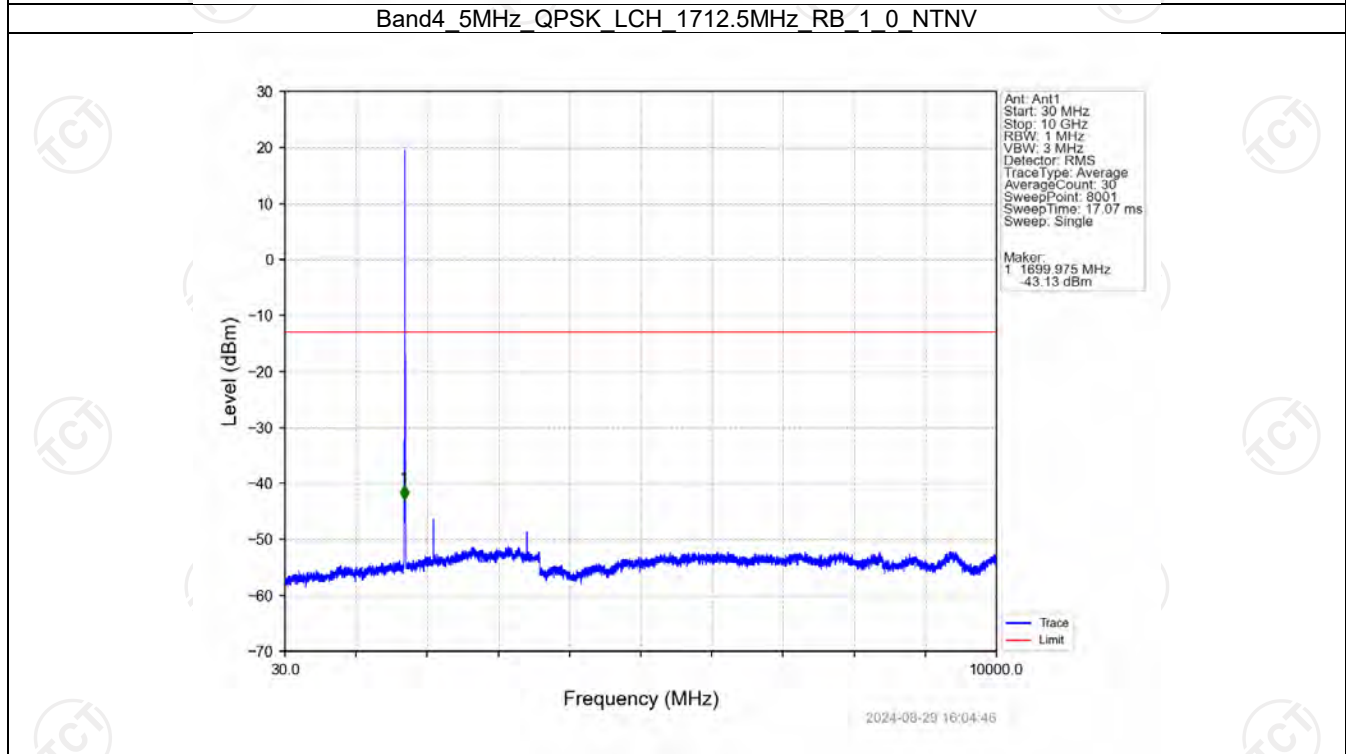
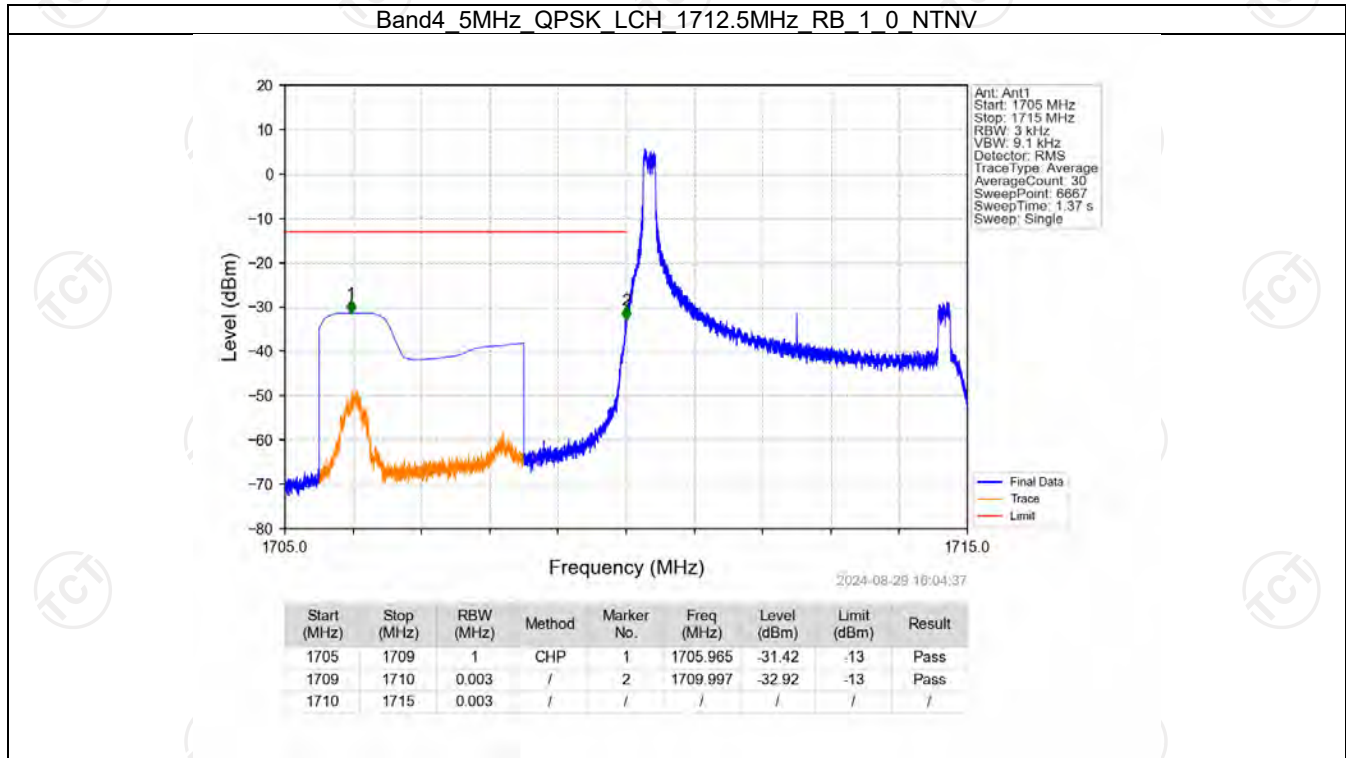
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-37.43	-13	Pass
1756	1758	1	CHP	2	1756.001	-36.53	-13	Pass

Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTV

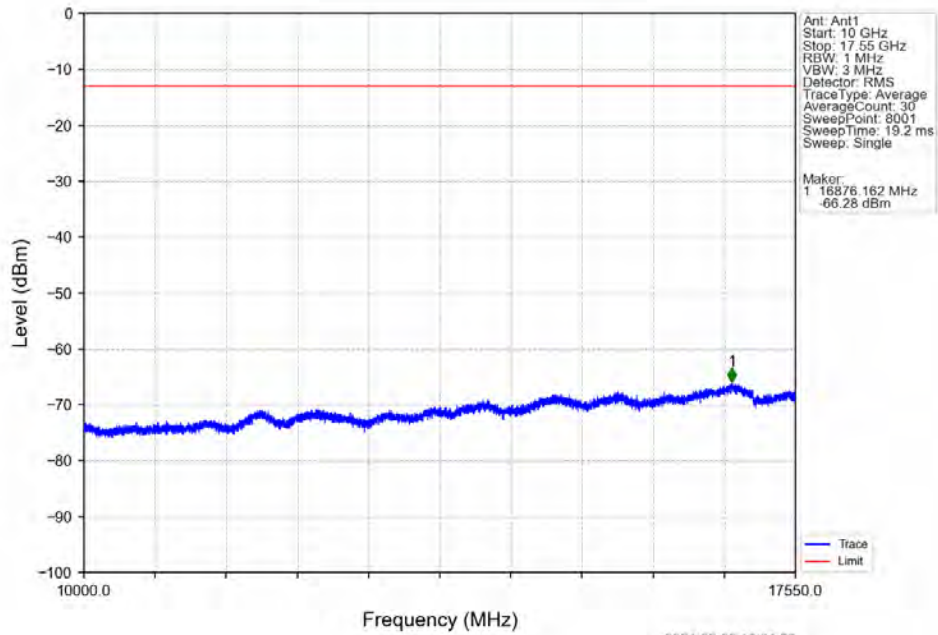


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.162	-38.05	-13	Pass
1756	1758	1	CHP	2	1756.002	-27.30	-13	Pass

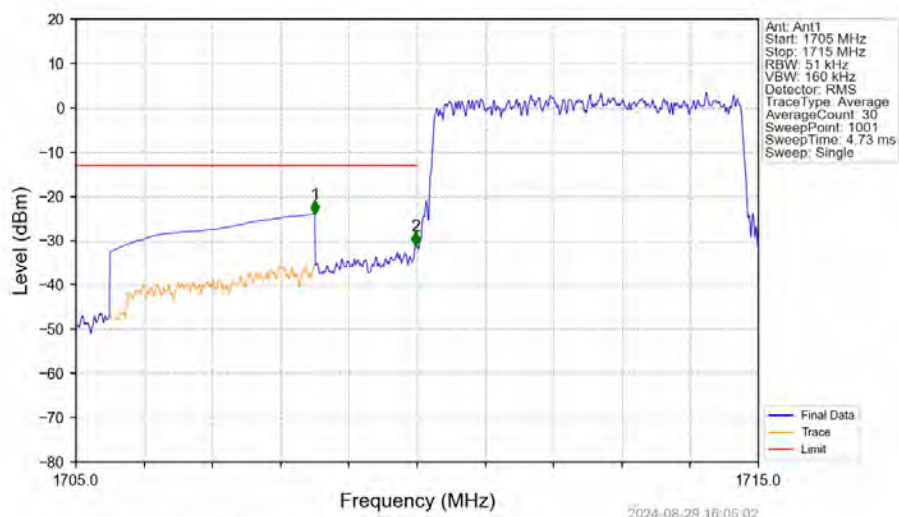
6.2.3 B4\_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

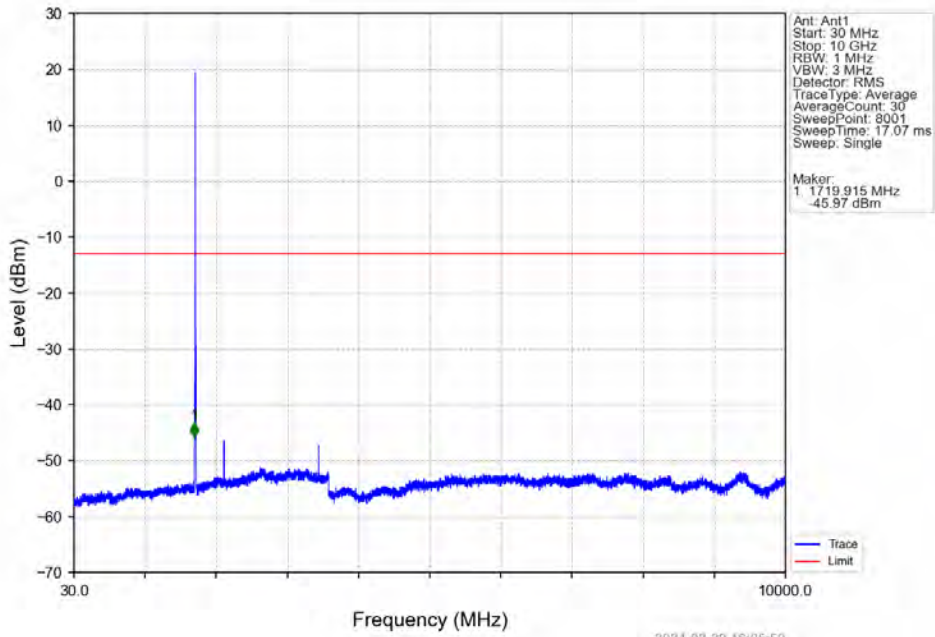


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

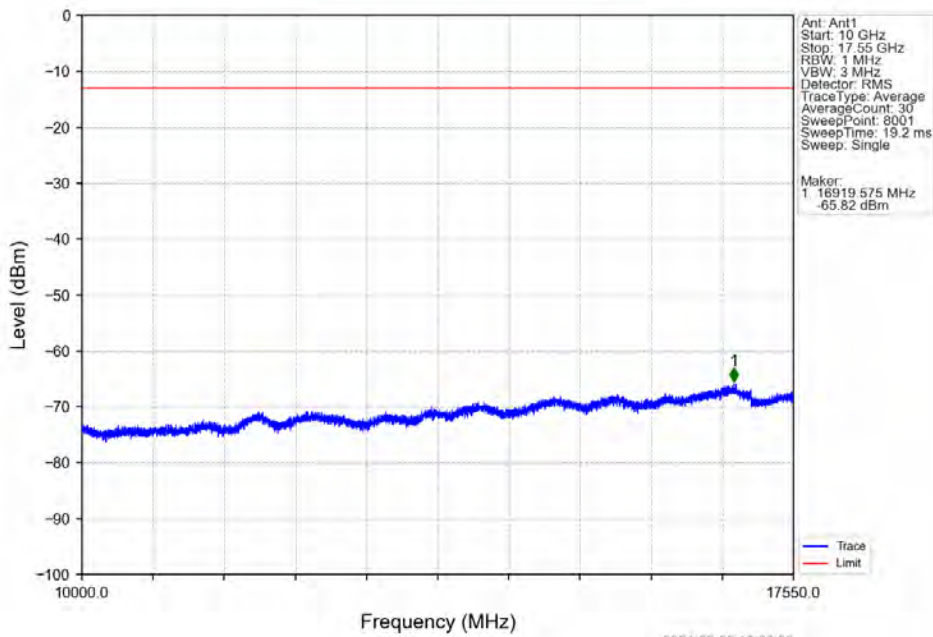


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-23.97	-13	Pass
1709	1710	0.051	/	2	1709.980	-31.11	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN

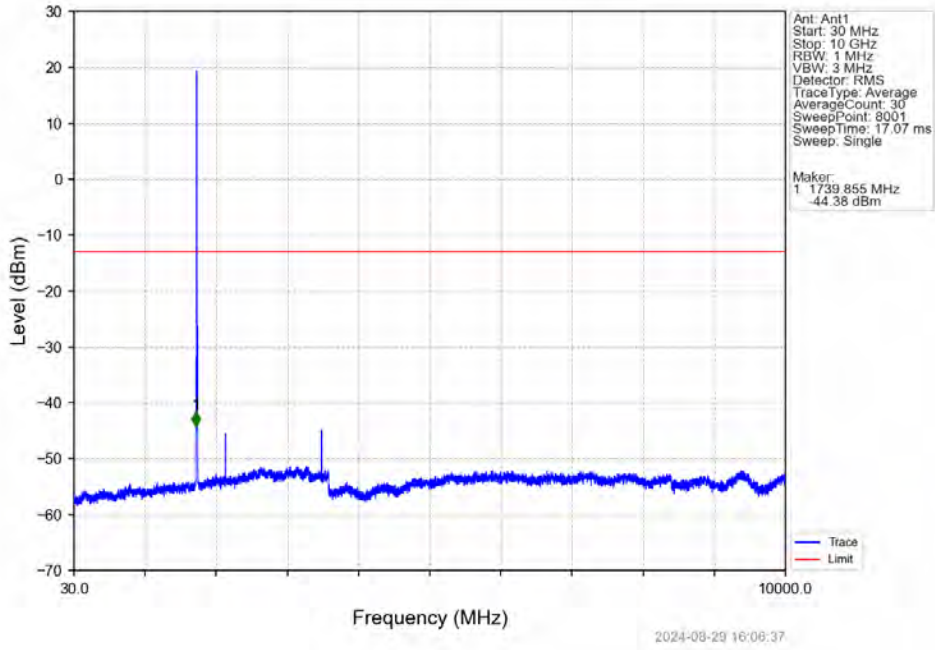


Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN

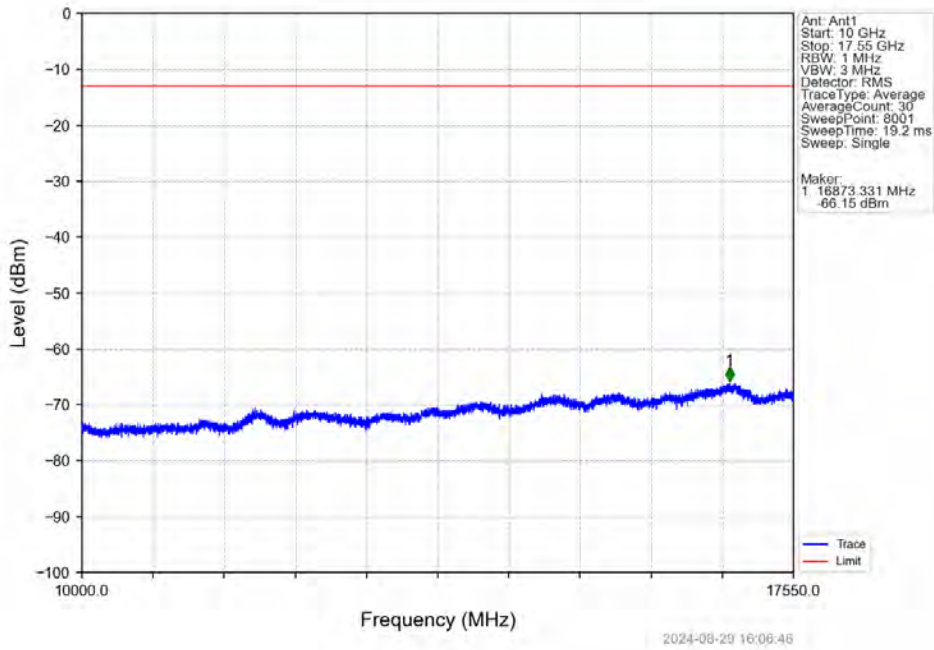




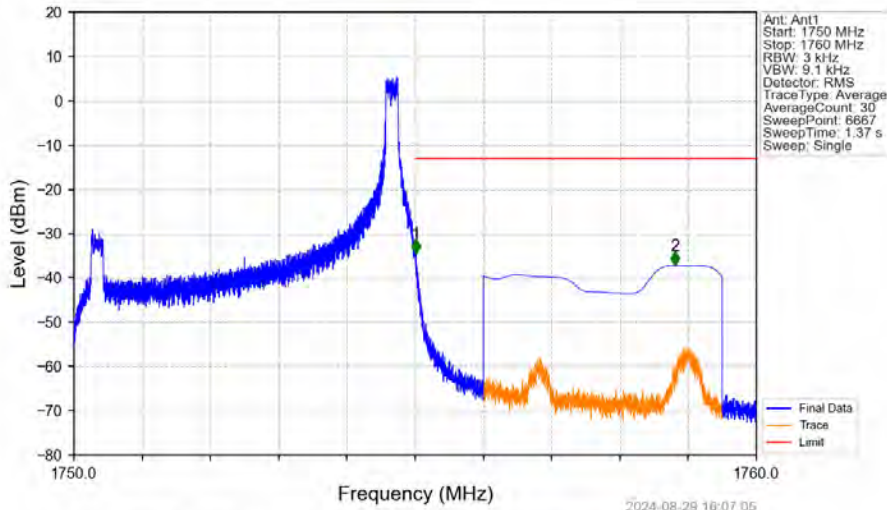
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

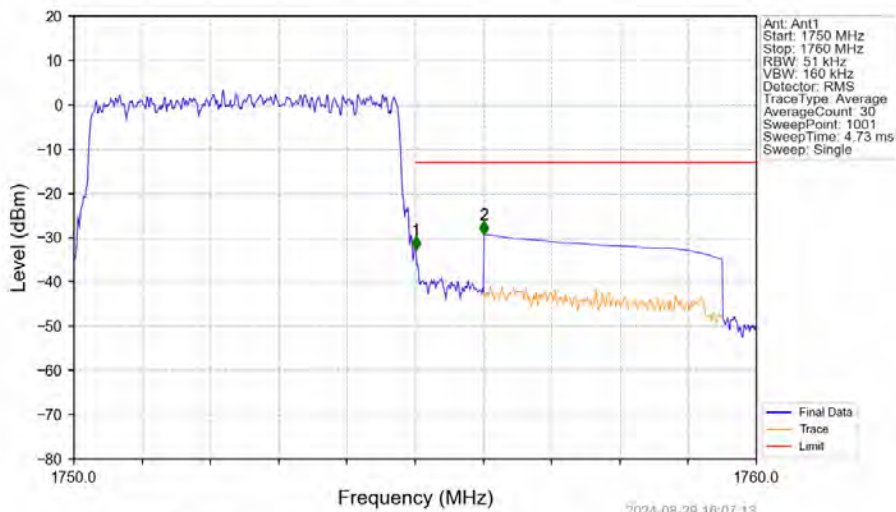


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



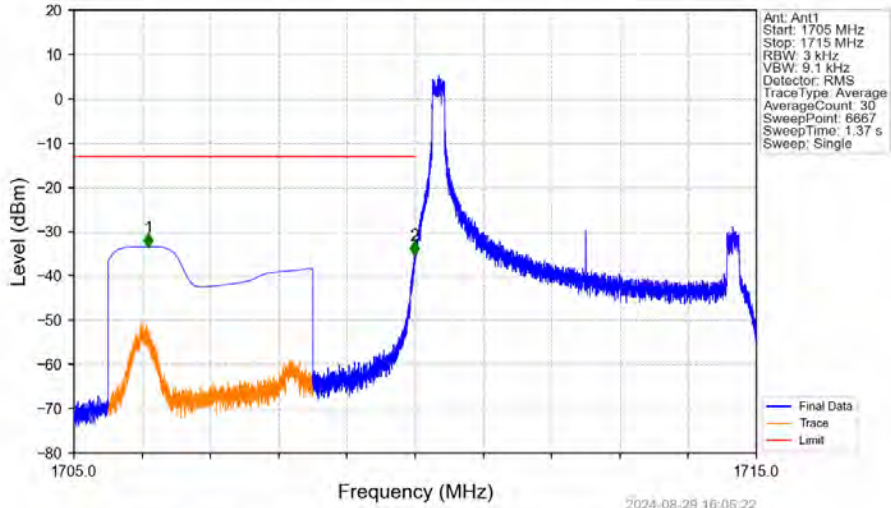
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-34.37	-13	Pass
1756	1760	1	CHP	2	1758.810	-37.22	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



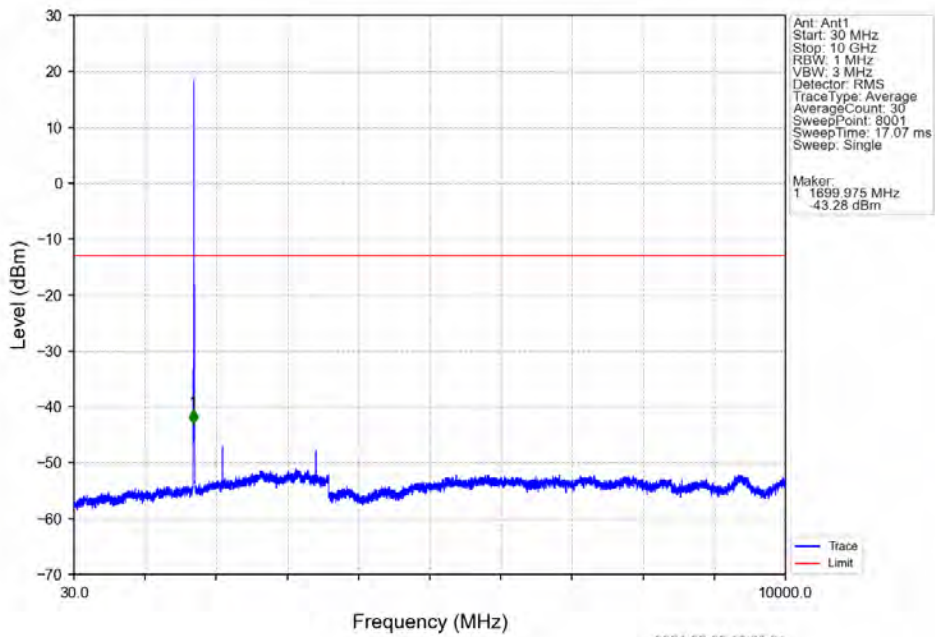
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.010	-32.77	-13	Pass
1756	1760	1	CHP	2	1756.010	-29.33	-13	Pass

Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTN

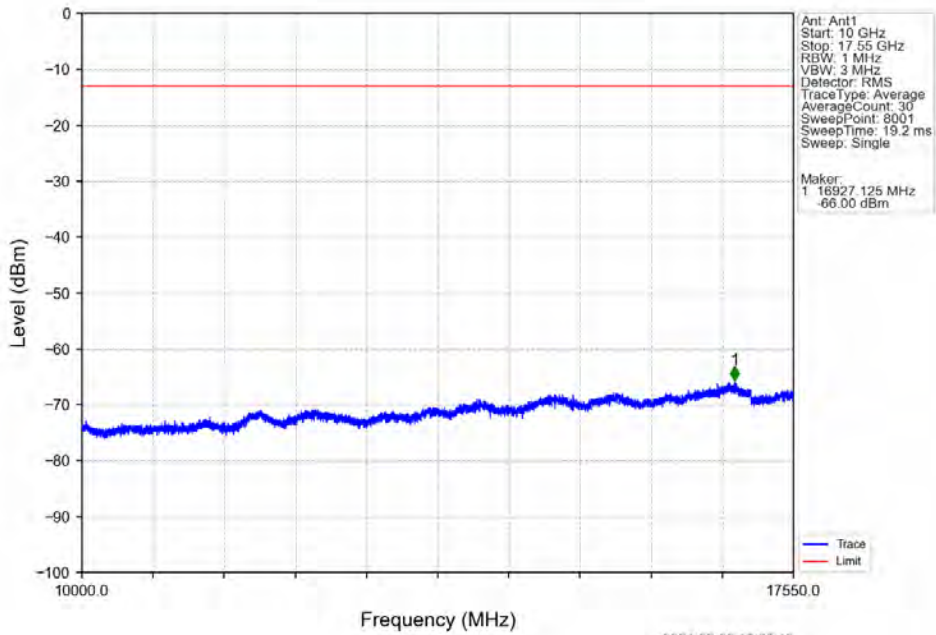


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.089	-33.44	-13	Pass
1709	1710	0.003	/	2	1709.991	-35.39	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTN

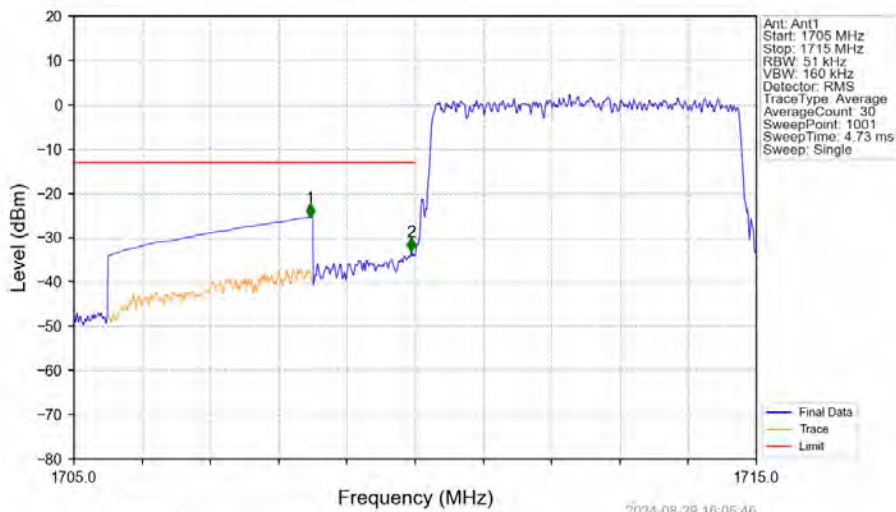


Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



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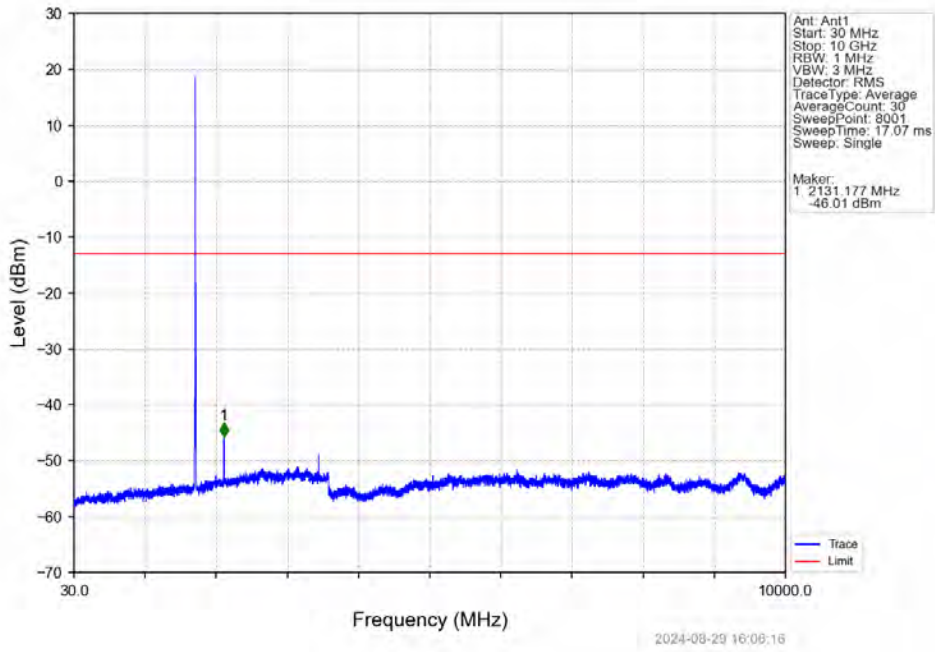
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



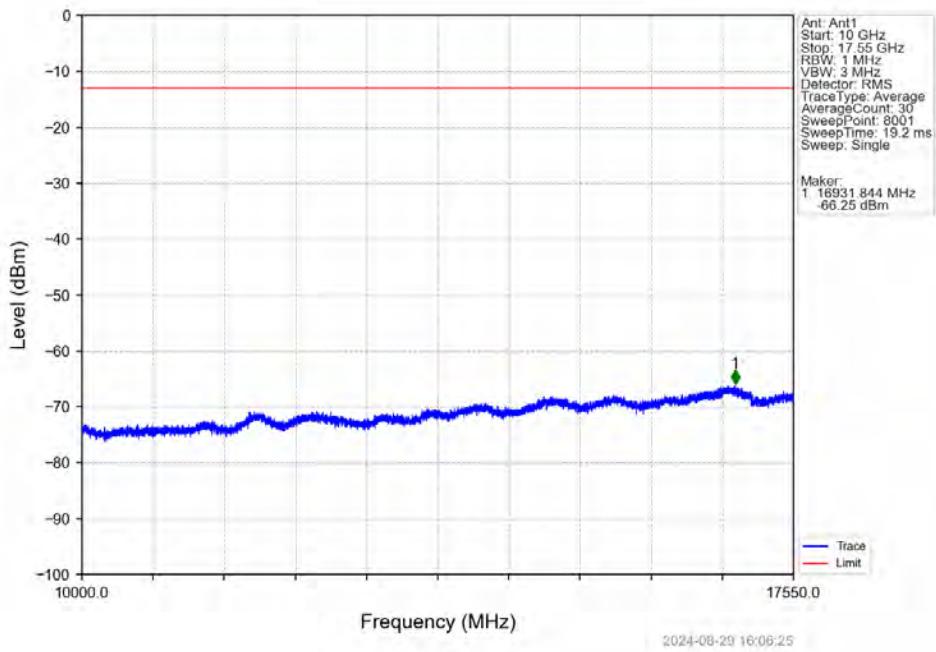
2024-08-29 16:06:46

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.460	-25.45	-13	Pass
1709	1710	0.051	/	2	1709.940	-33.21	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

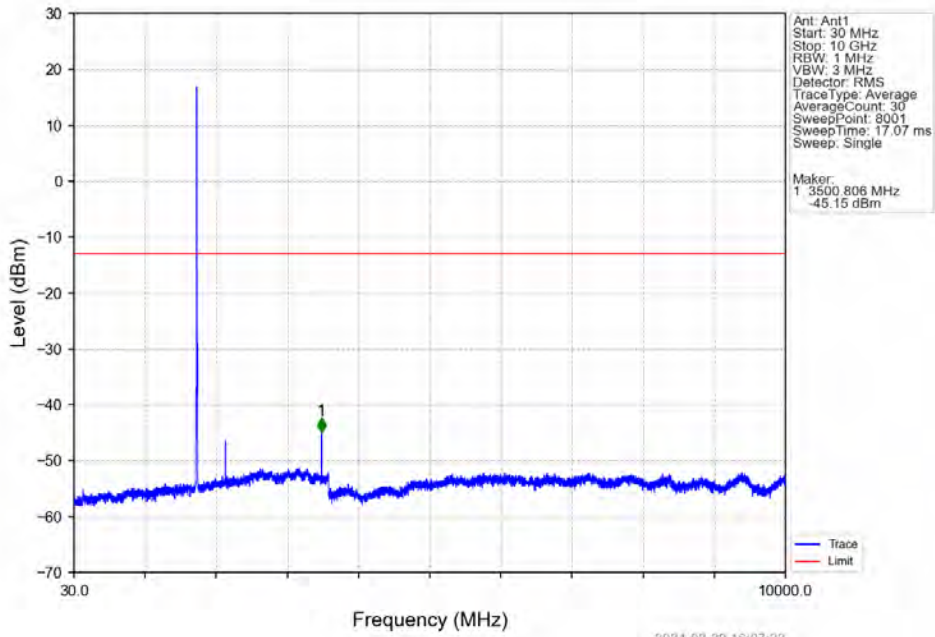
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



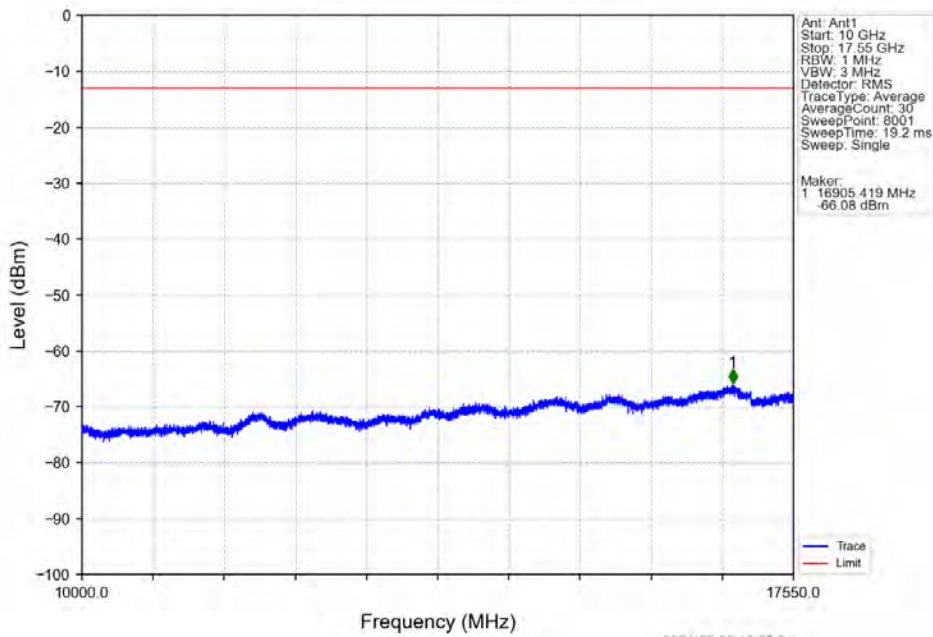
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



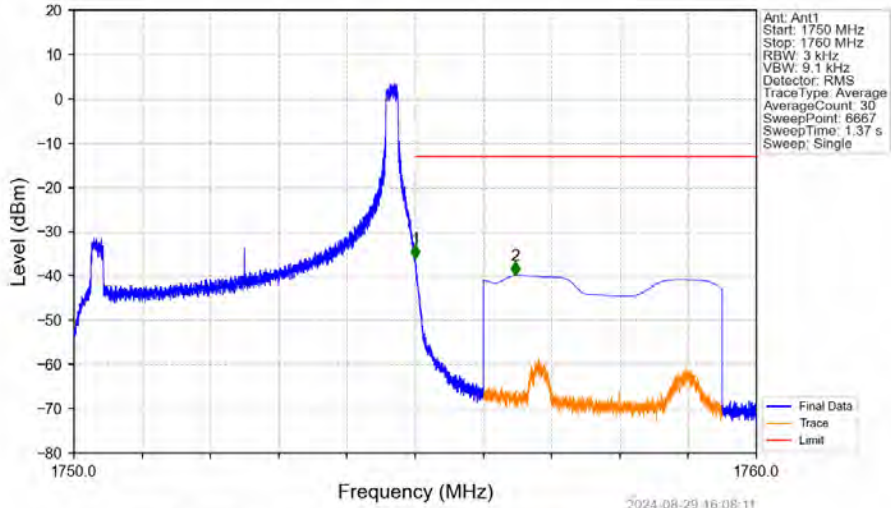
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV

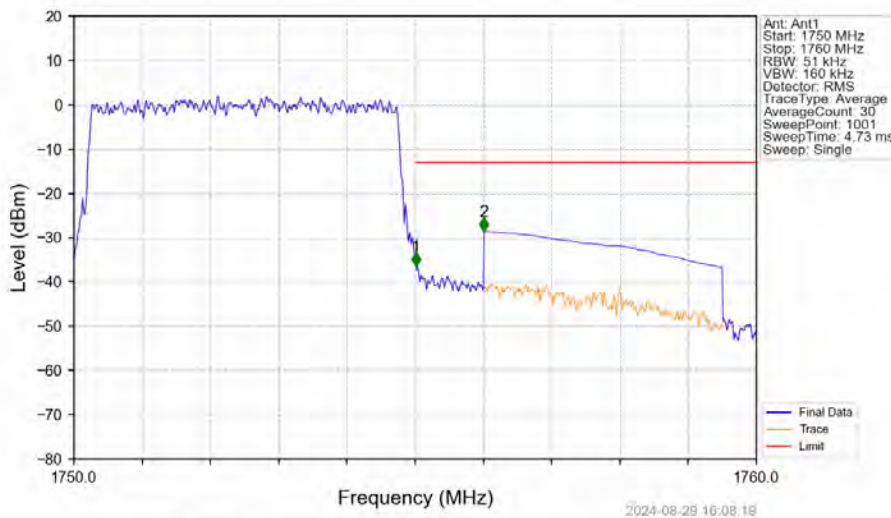


Band4 5MHz 16QAM HCH 1752.5MHz RB 1 24 NTV



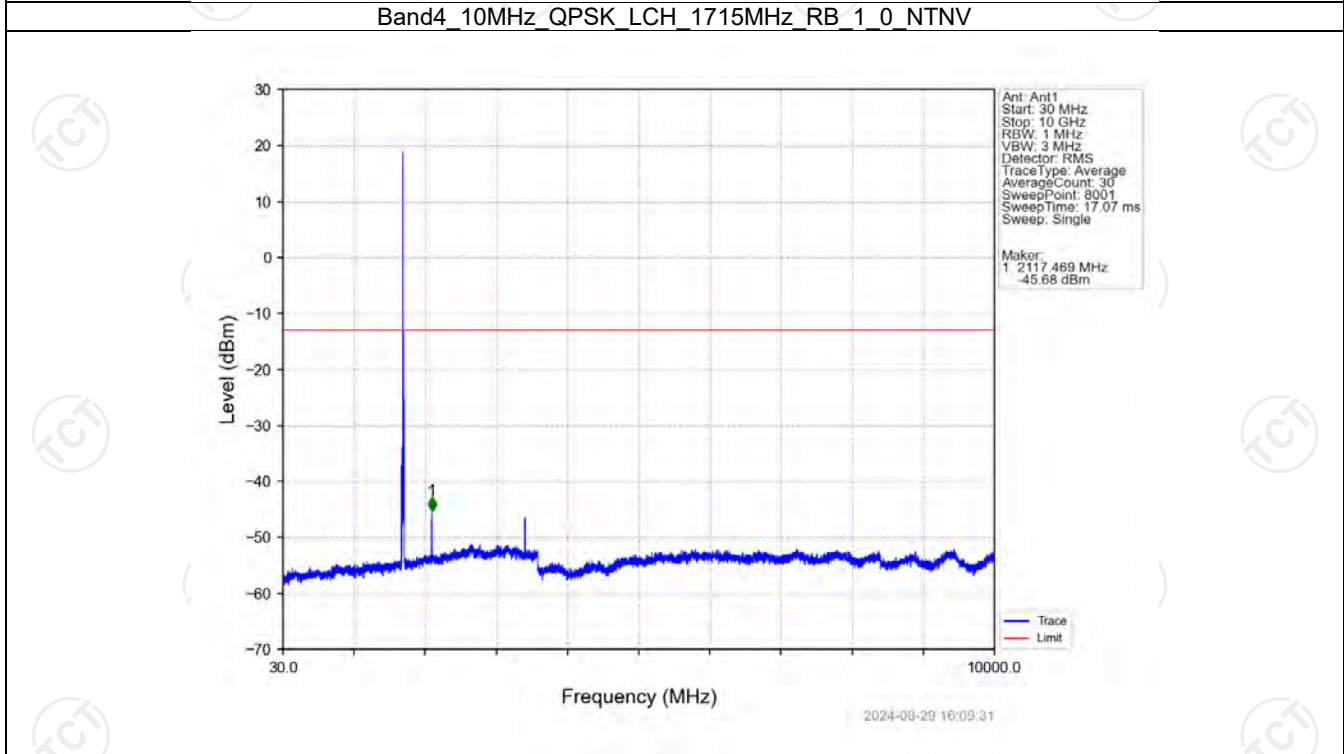
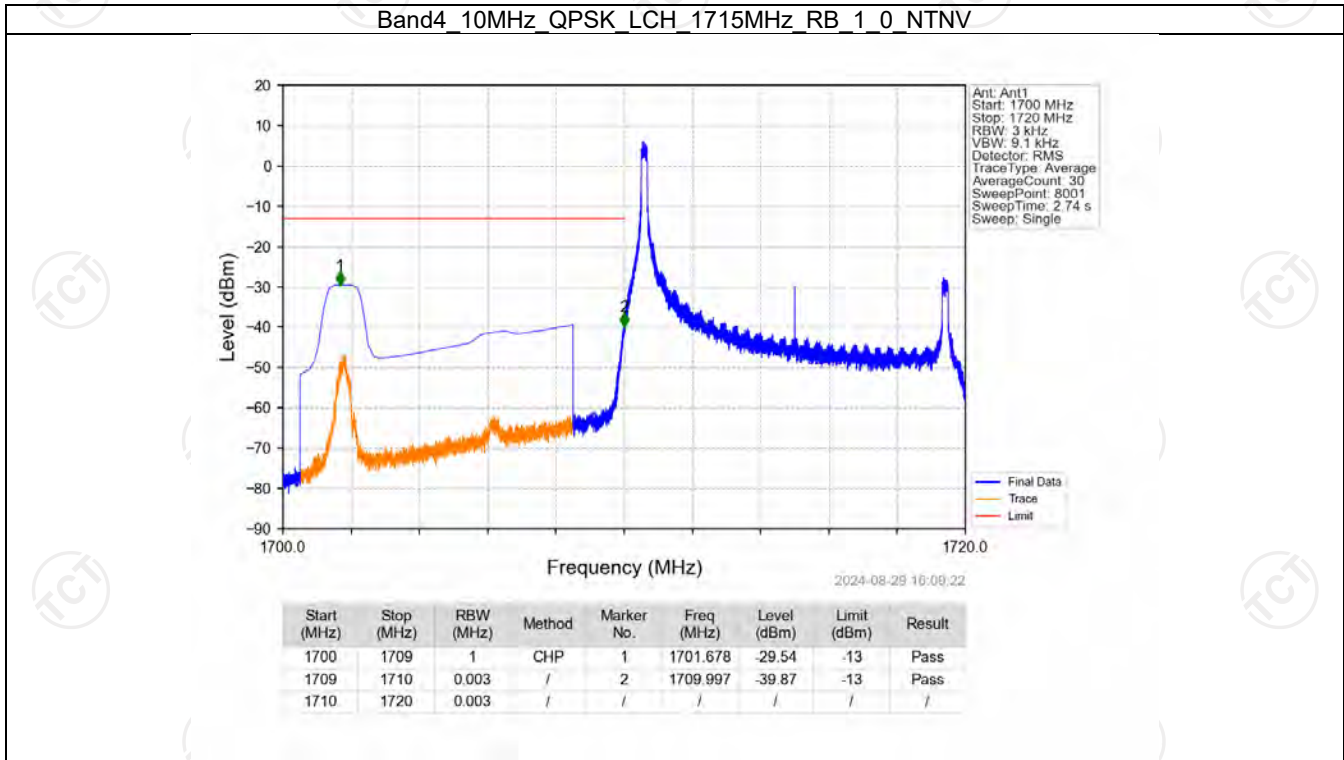
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-36.10	-13	Pass
1756	1760	1	CHP	2	1756.470	-39.87	-13	Pass

Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTV



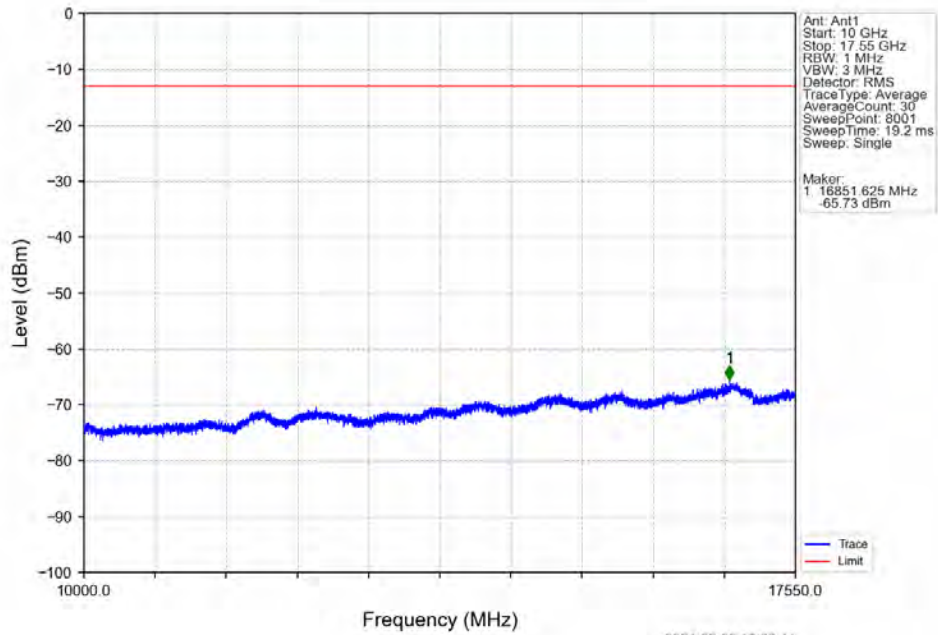
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.010	-36.42	-13	Pass
1756	1760	1	CHP	2	1756.010	-28.61	-13	Pass

6.2.4 B4\_10MHz

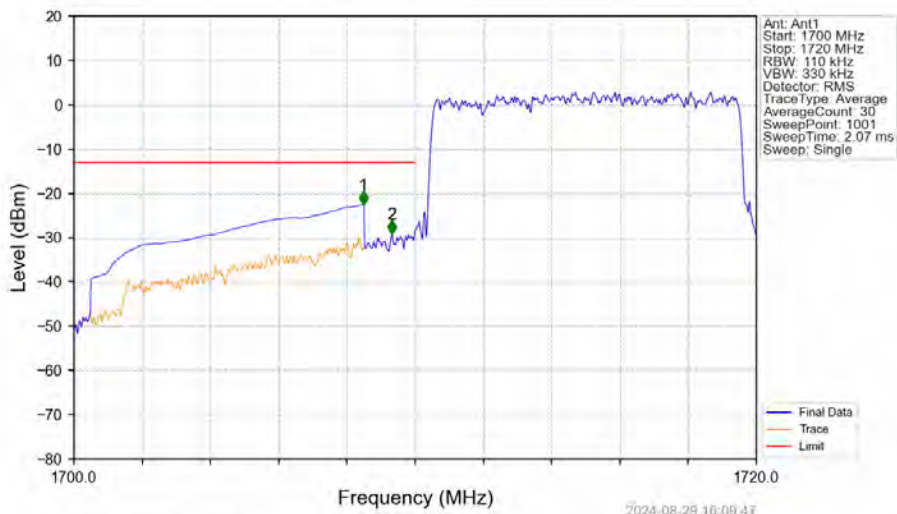




Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTV

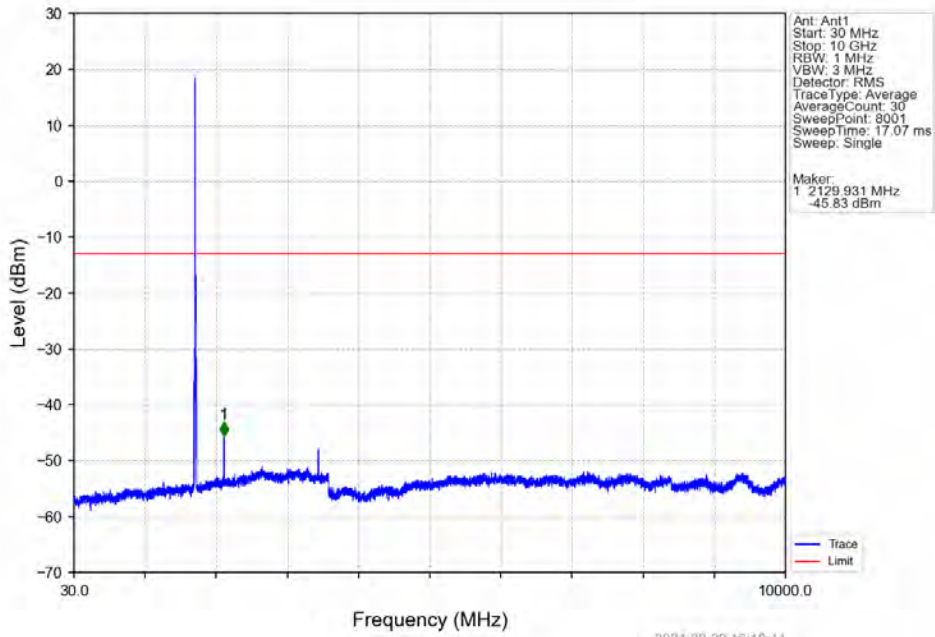


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTV

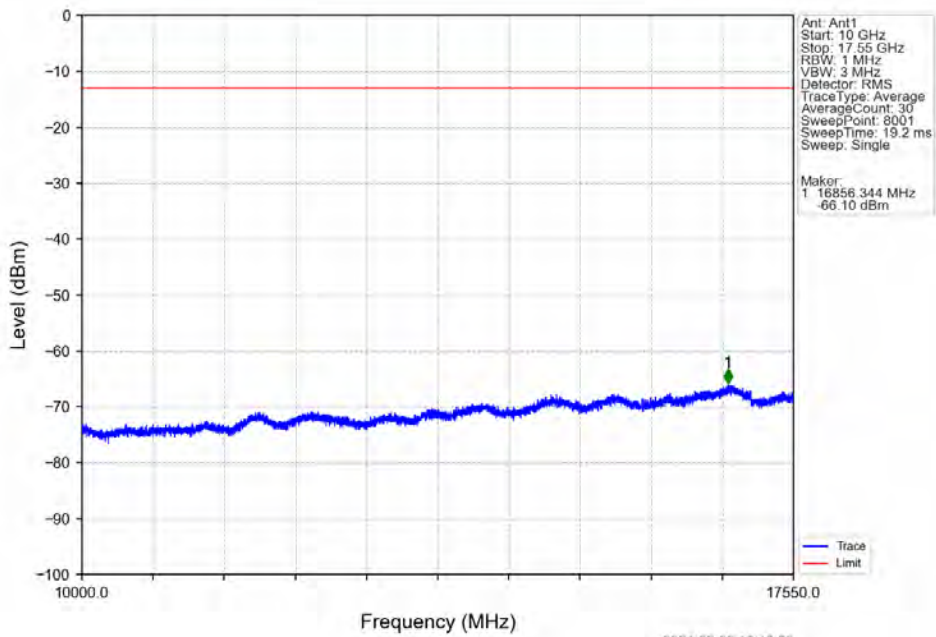


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-22.54	-13	Pass
1709	1710	0.11	/	2	1709.320	-29.17	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

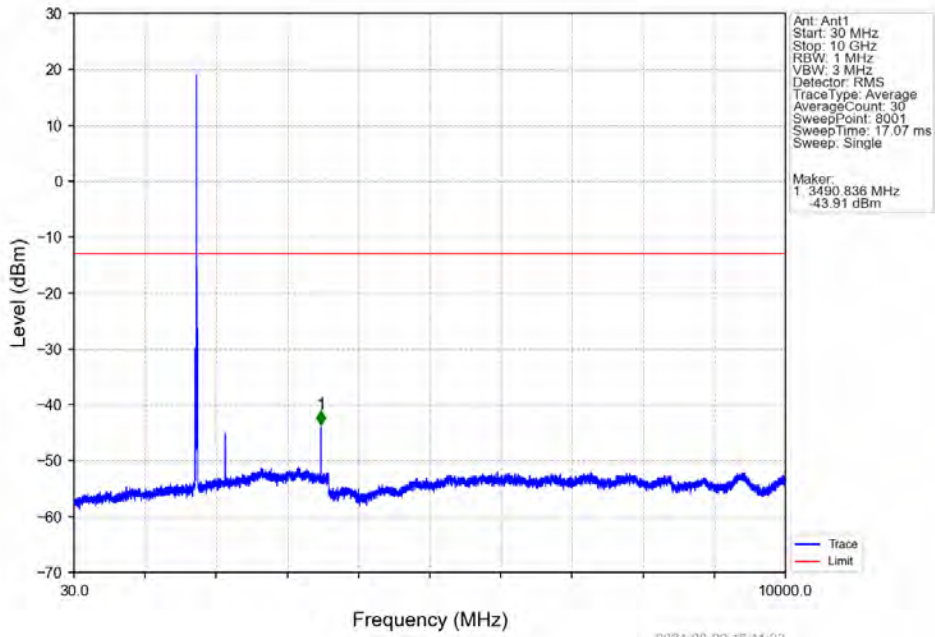
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



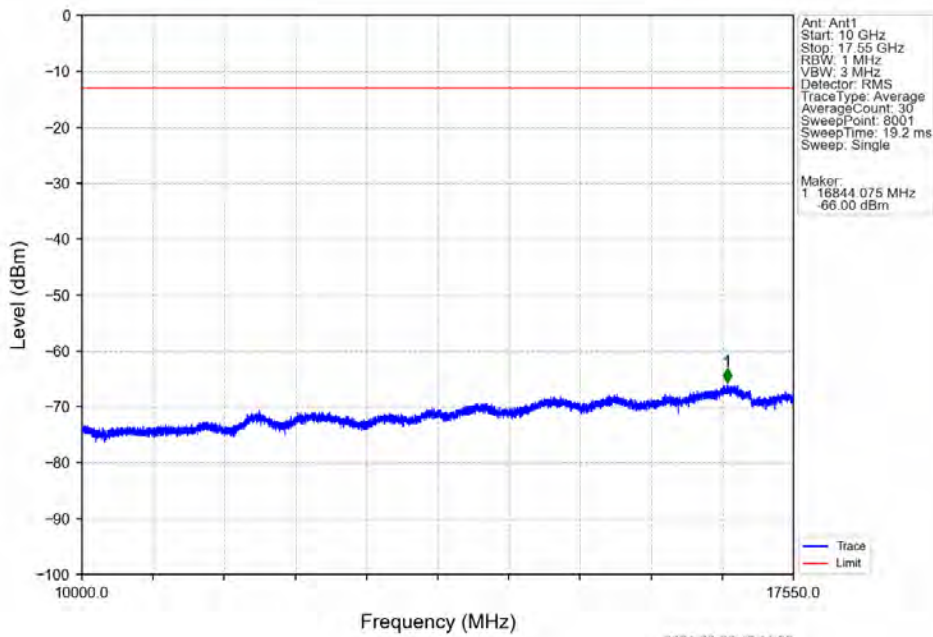
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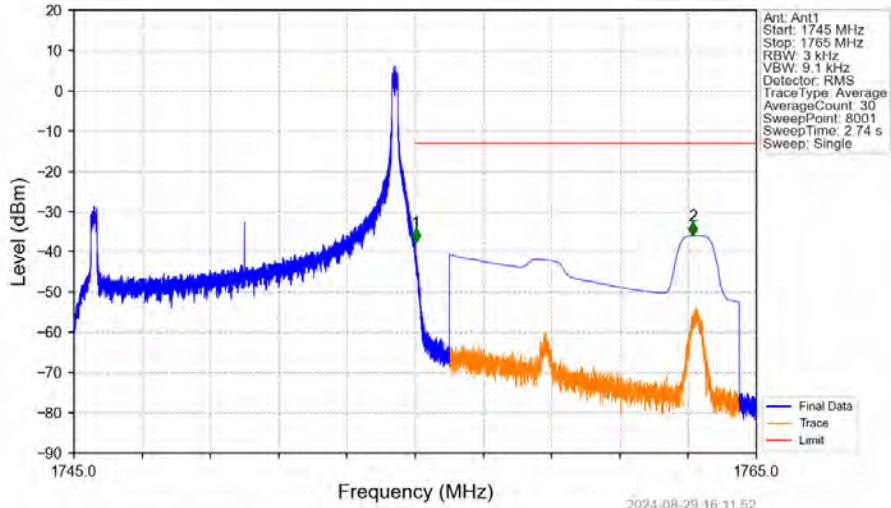
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTV



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTV

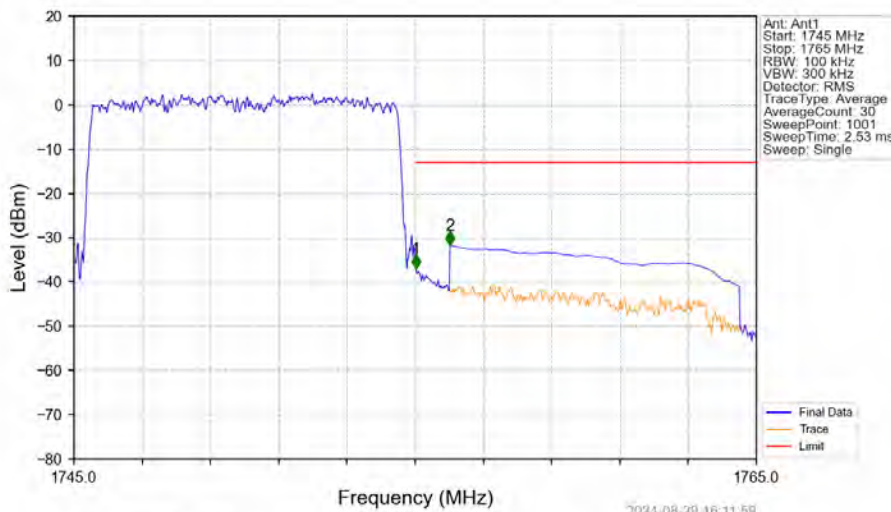


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTN



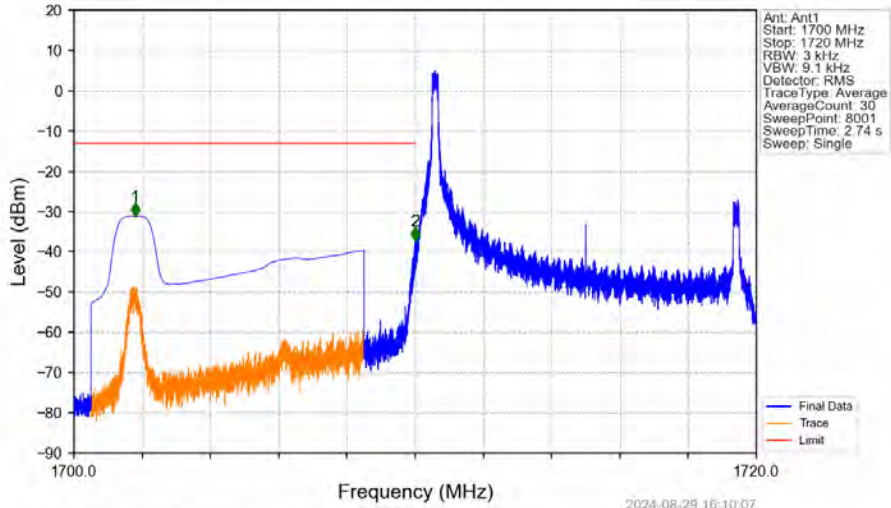
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.013	-37.72	-13	Pass
1756	1765	1	CHP	2	1763.132	-36.03	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



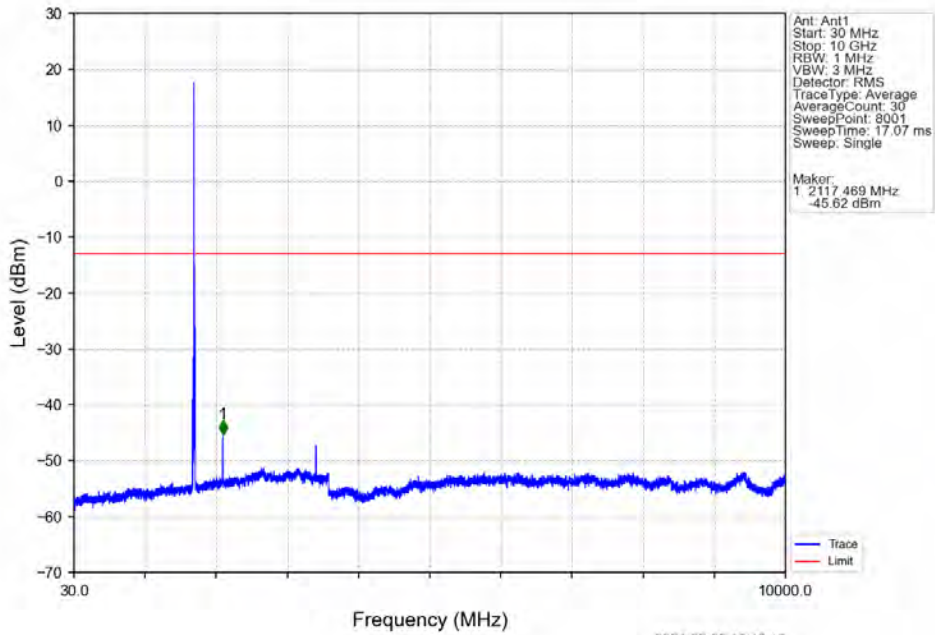
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.020	-36.96	-13	Pass
1756	1765	1	CHP	2	1756.020	-31.75	-13	Pass

Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

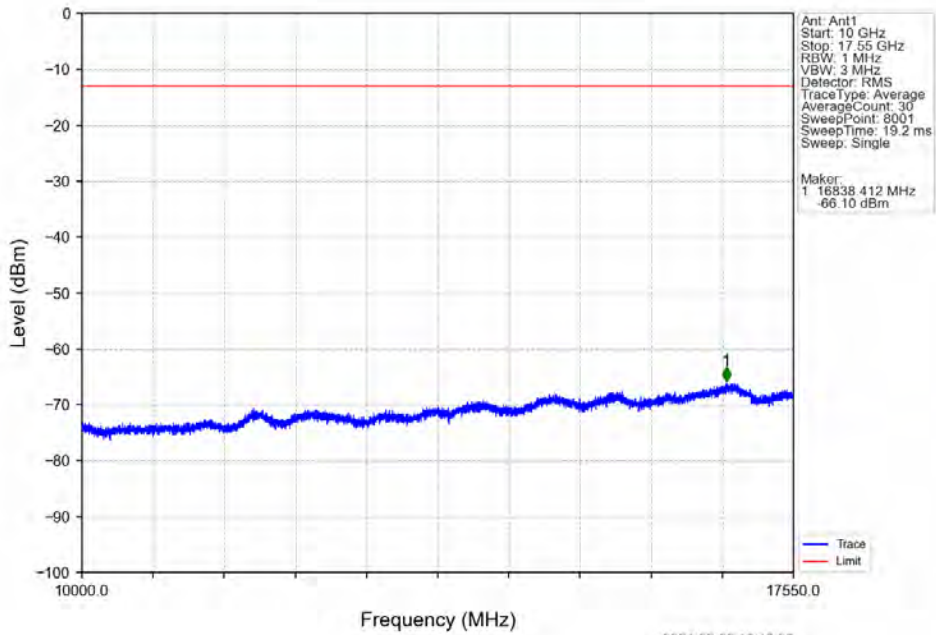


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1701.793	-31.24	-13	Pass
1709	1710	0.003	/	2	1709.997	-37.20	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

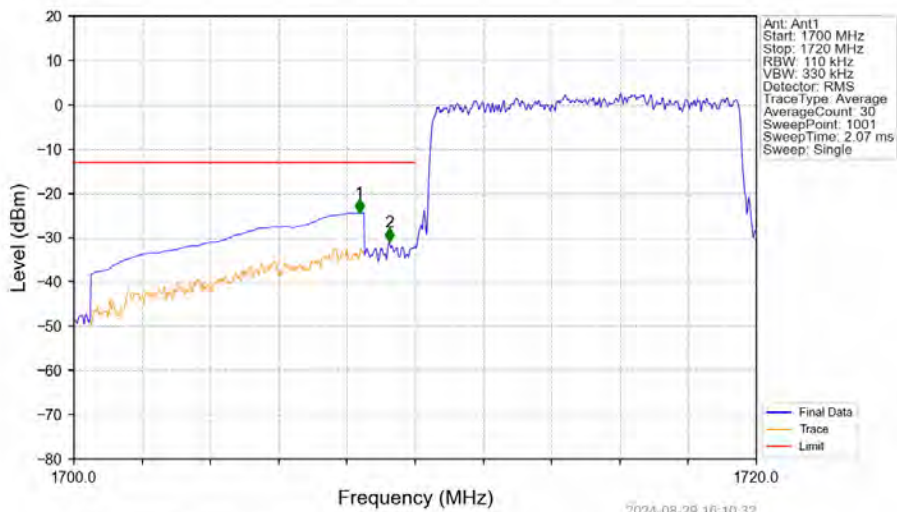


Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTN



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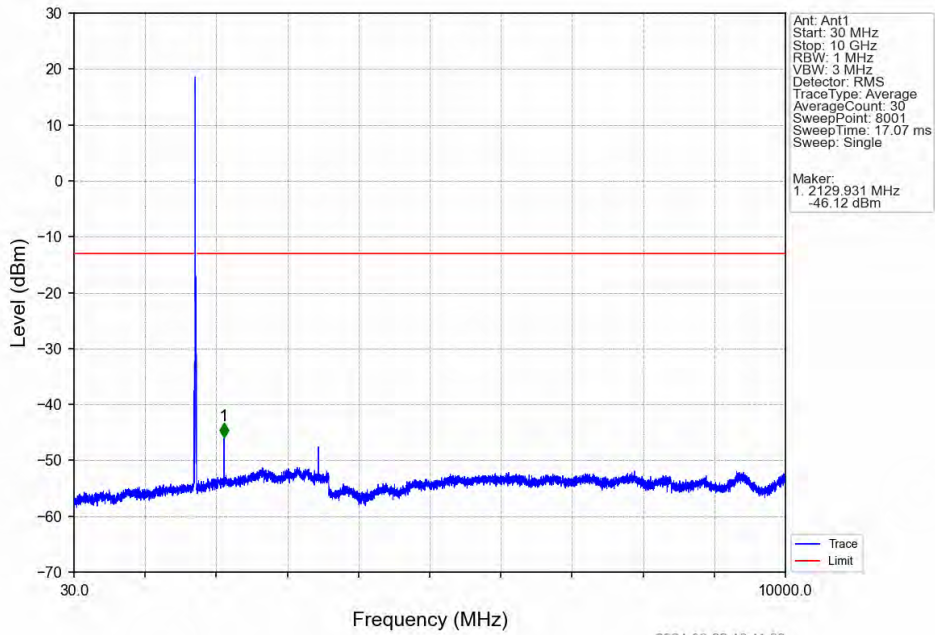
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



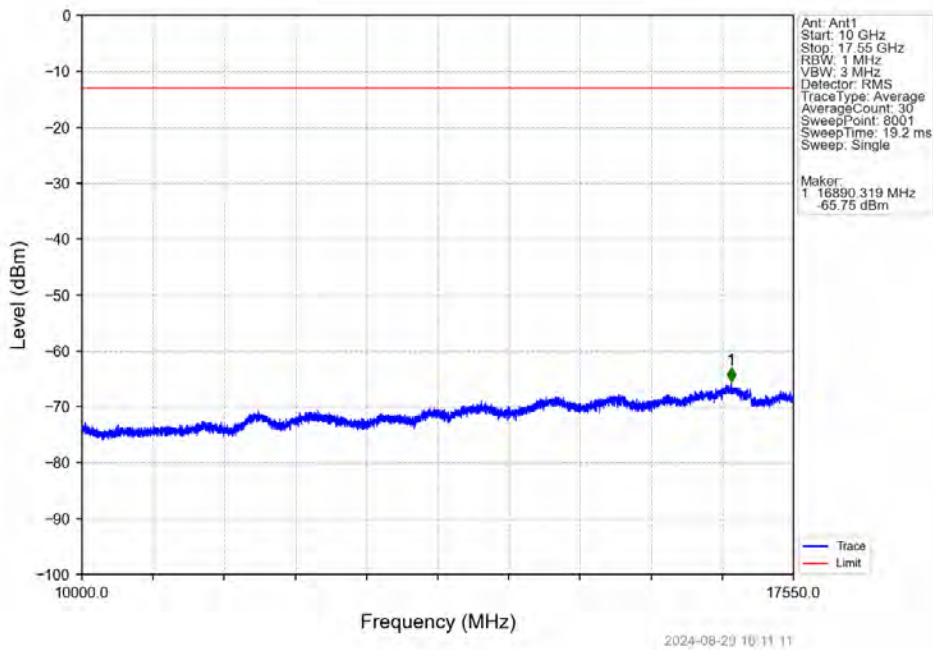
2024-08-29 16:10:32

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.360	-24.44	-13	Pass
1709	1710	0.11	/	2	1709.240	-30.95	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

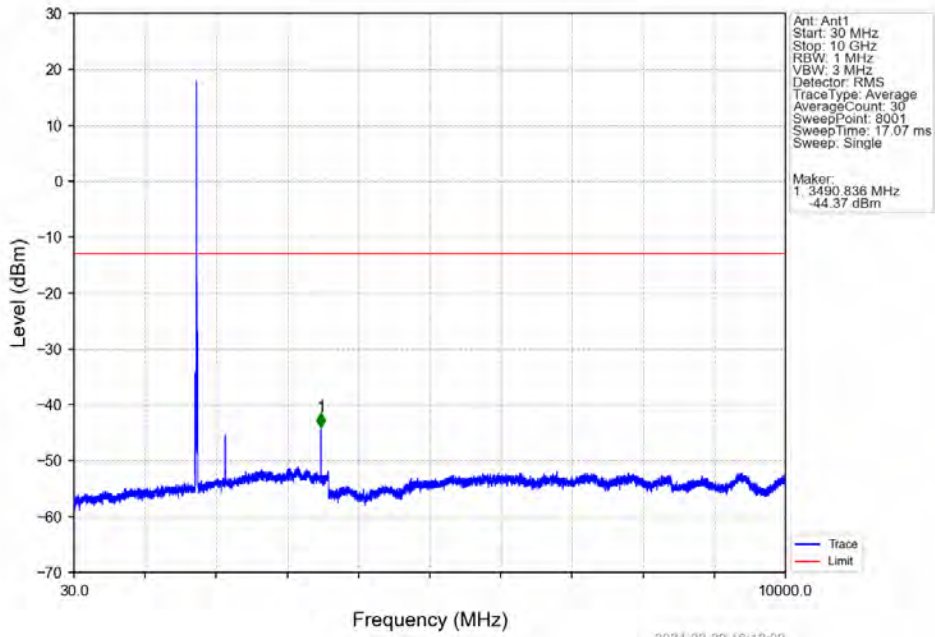
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



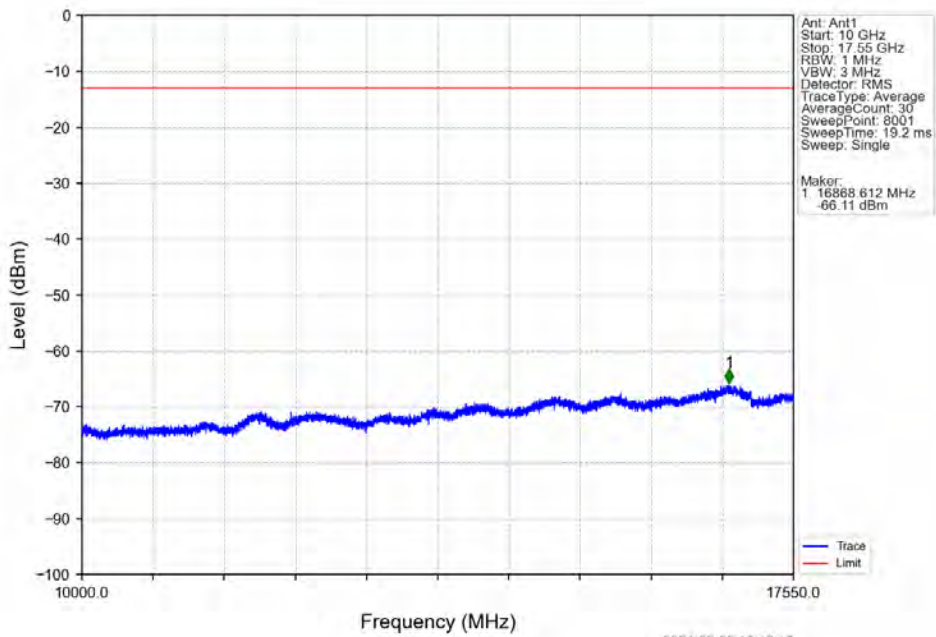
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTV

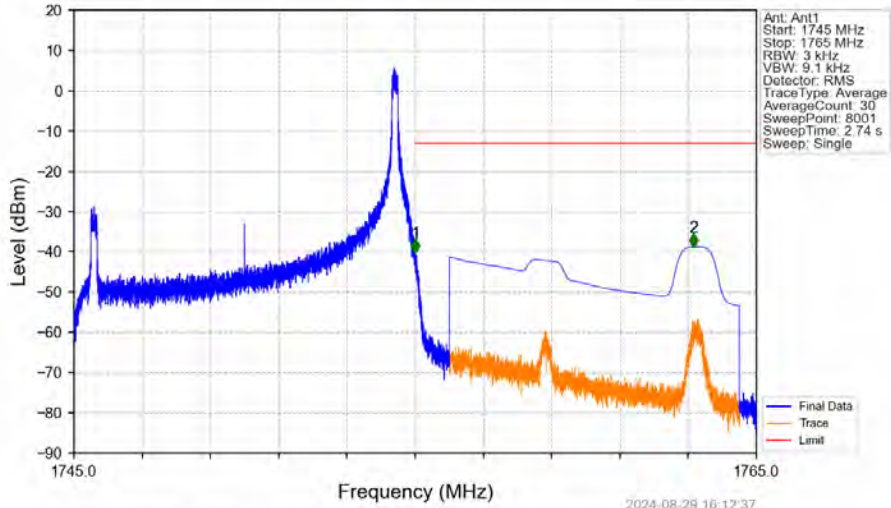


Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTV



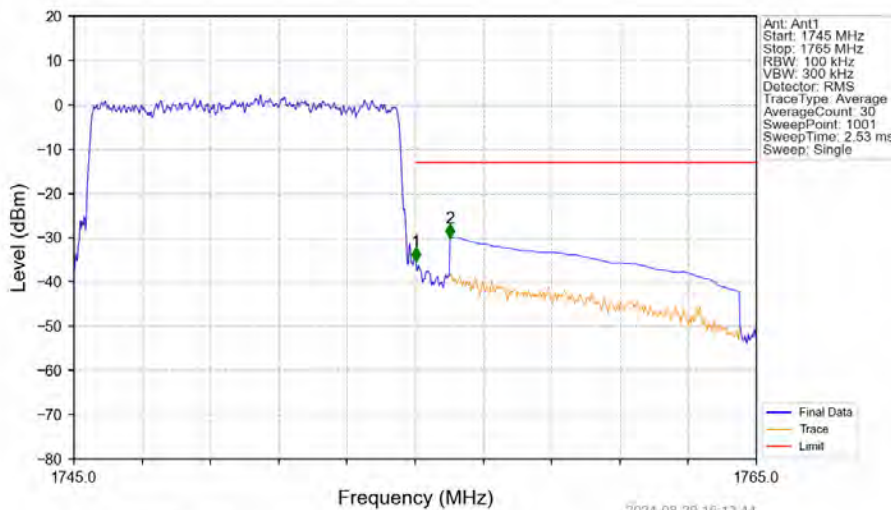


Band4 10MHz 16QAM HCH 1750MHz RB 1 49 NTV



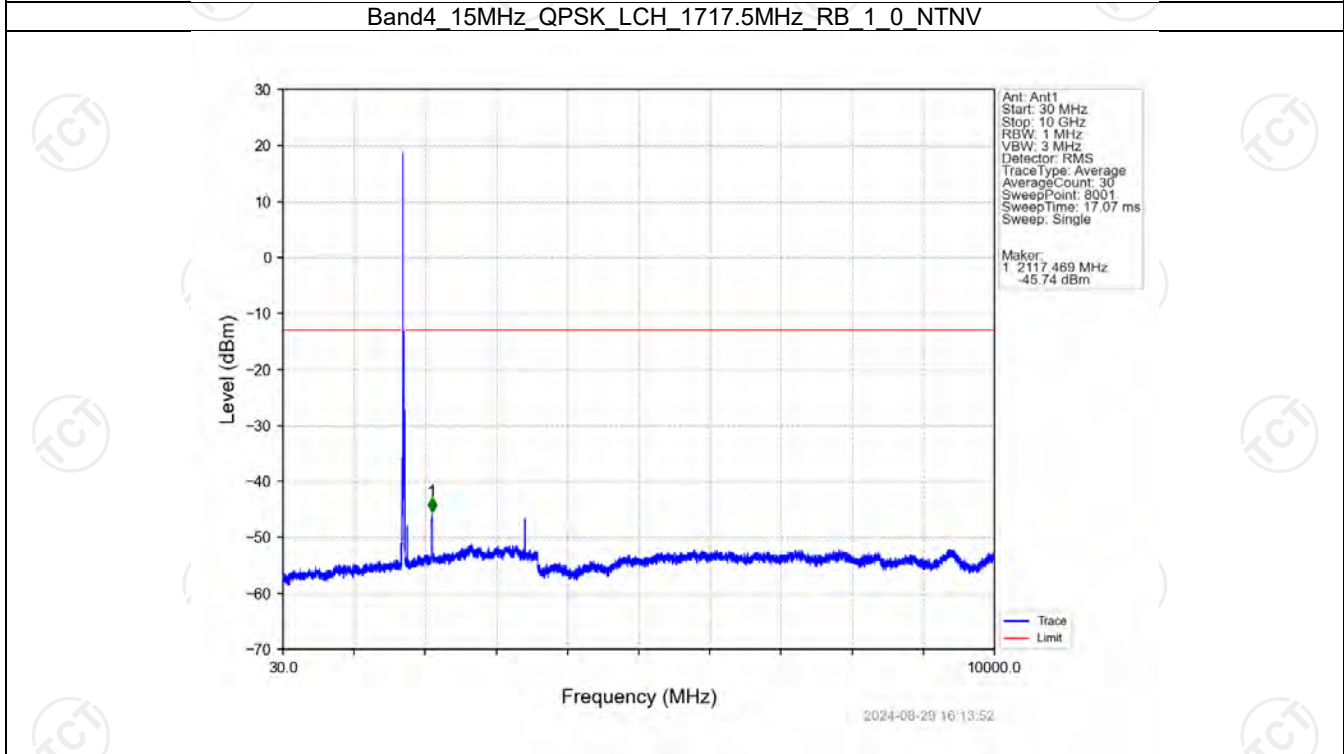
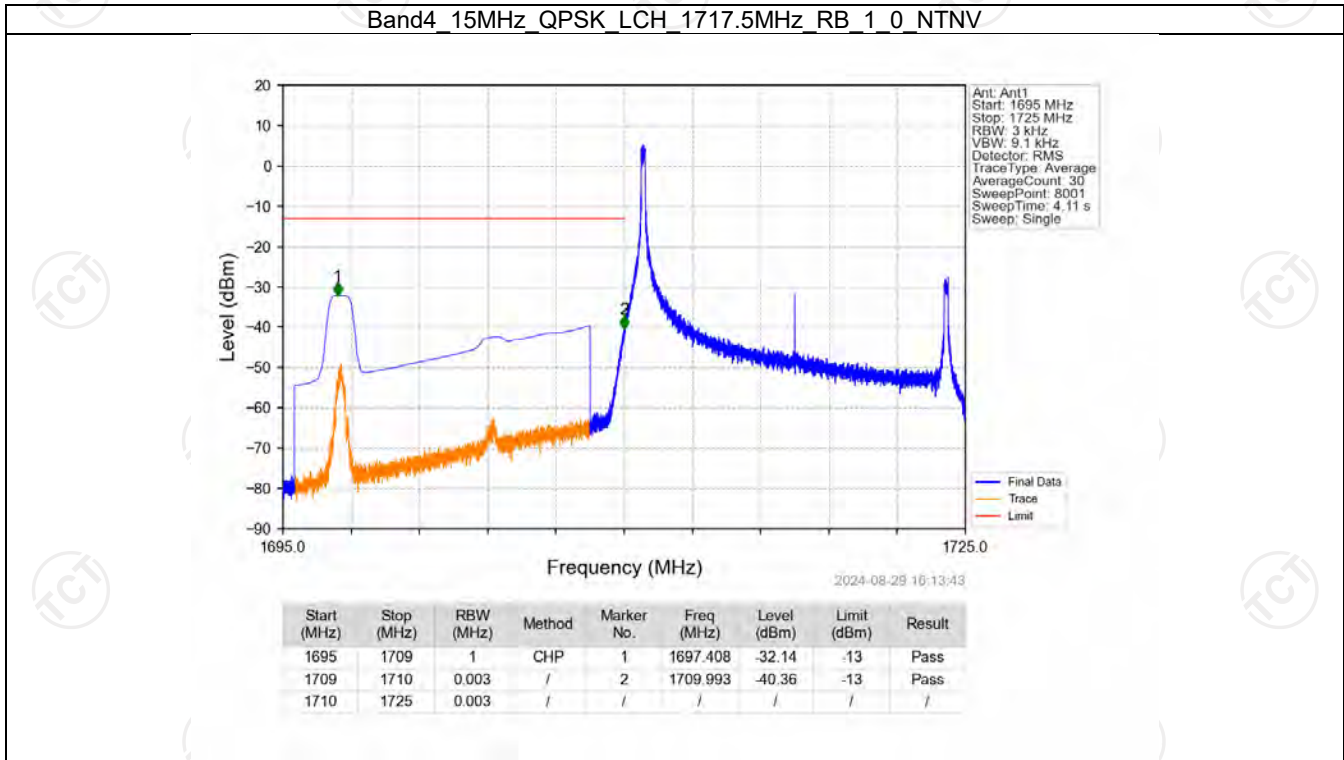
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-40.23	-13	Pass
1756	1765	1	CHP	2	1763.162	-38.80	-13	Pass

Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTV

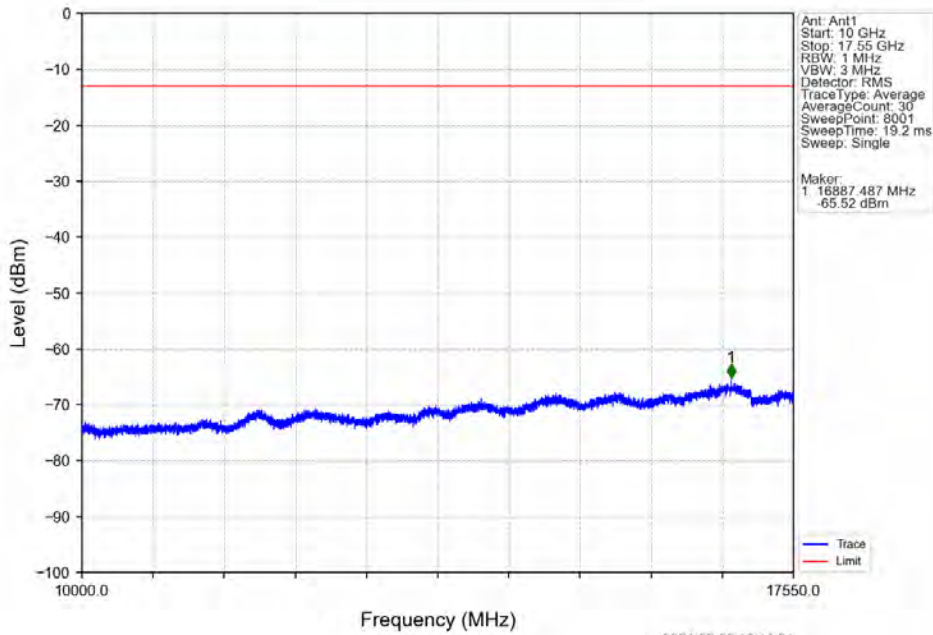


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.020	-35.27	-13	Pass
1756	1765	1	CHP	2	1756.020	-29.98	-13	Pass

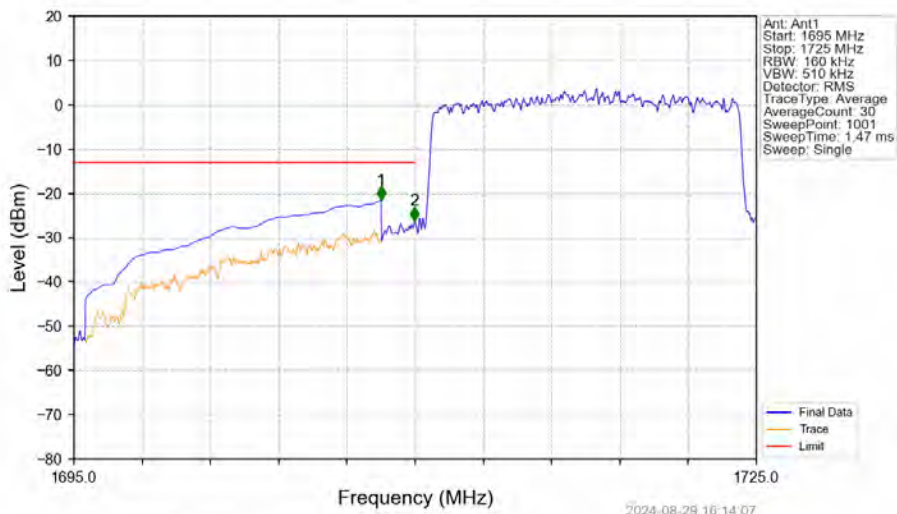
6.2.5 B4\_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

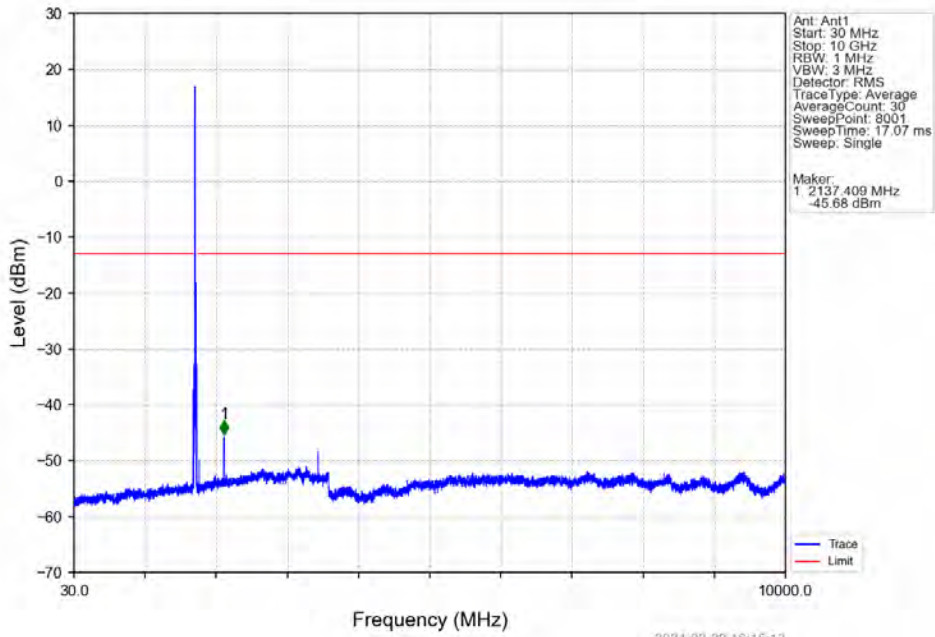


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

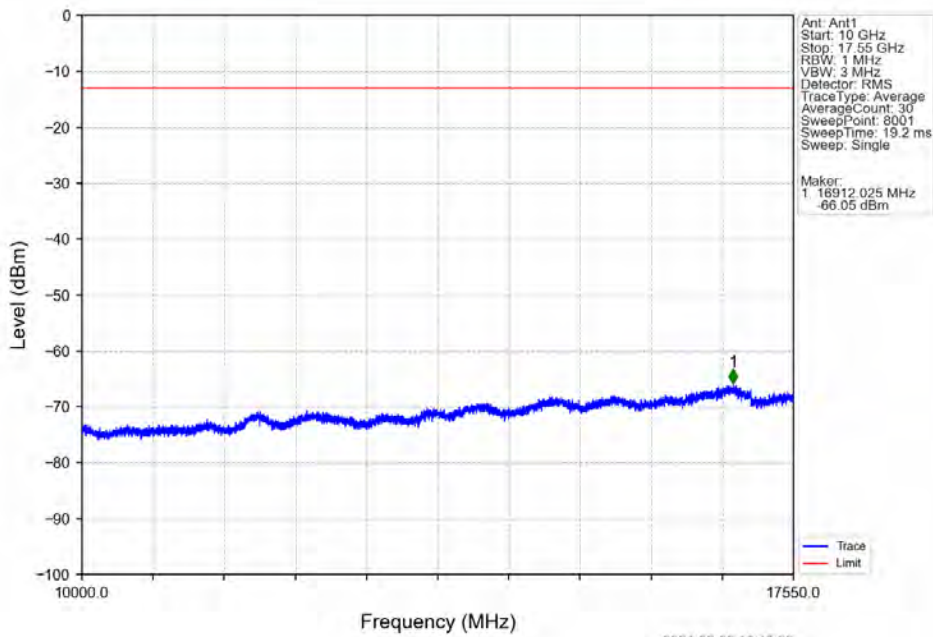


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-21.56	-13	Pass
1709	1710	0.16	/	2	1709.970	-26.12	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

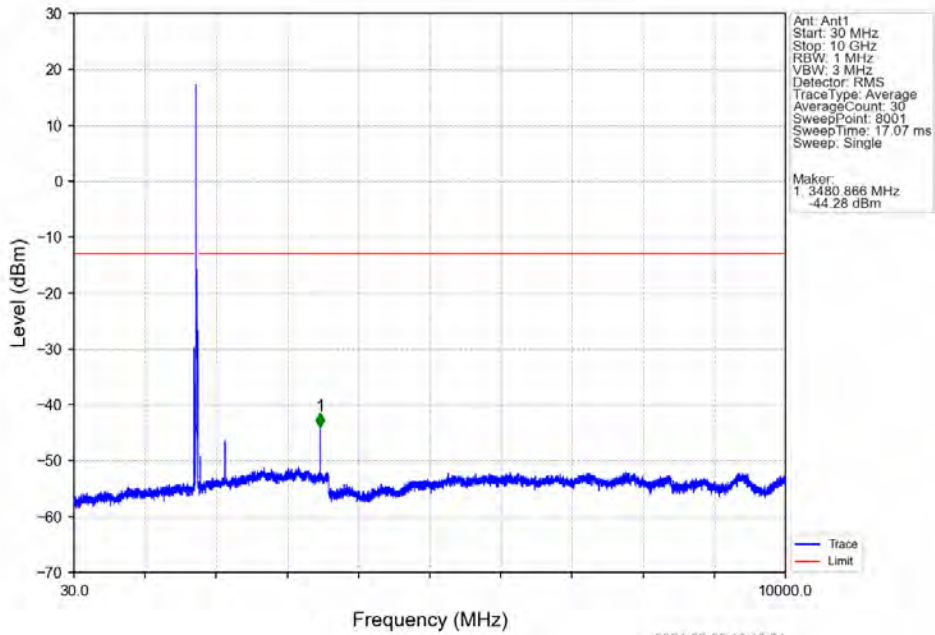
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



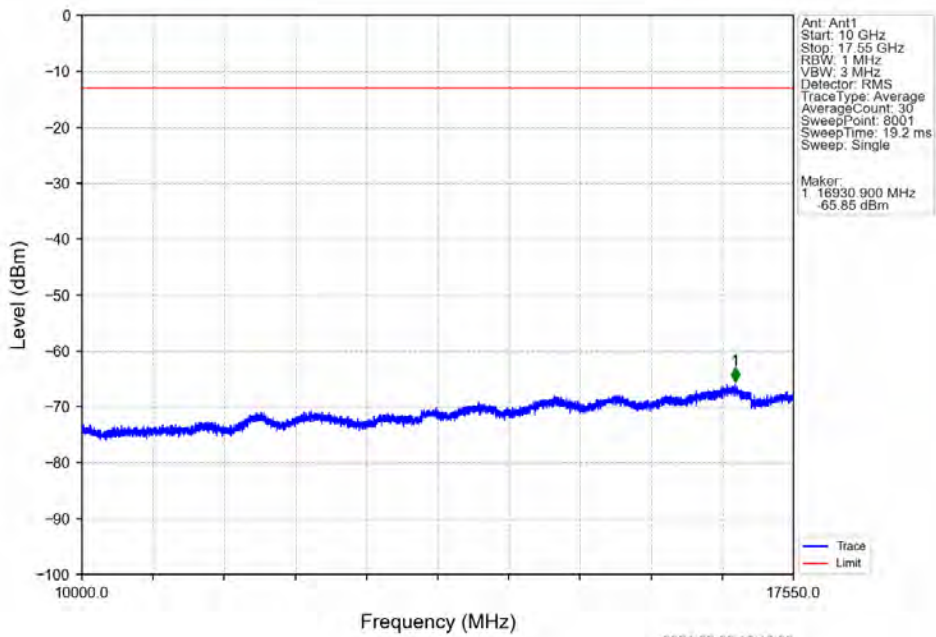
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



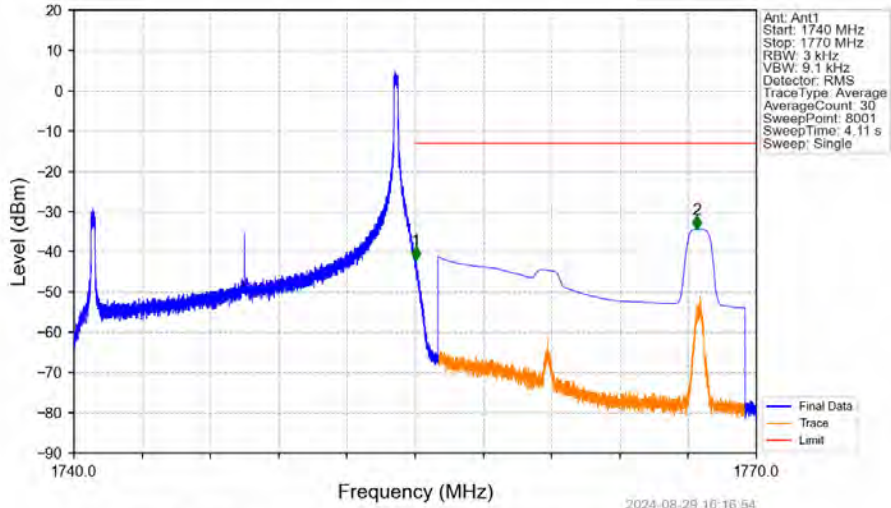
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV

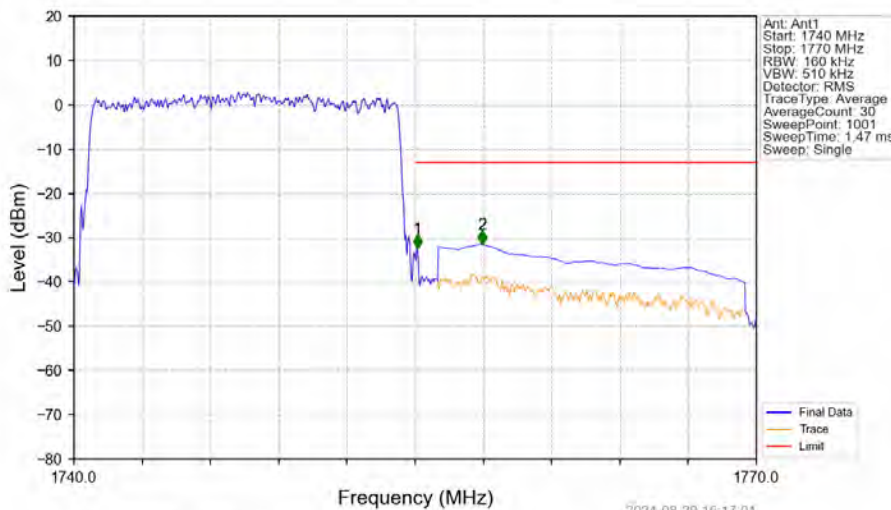


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



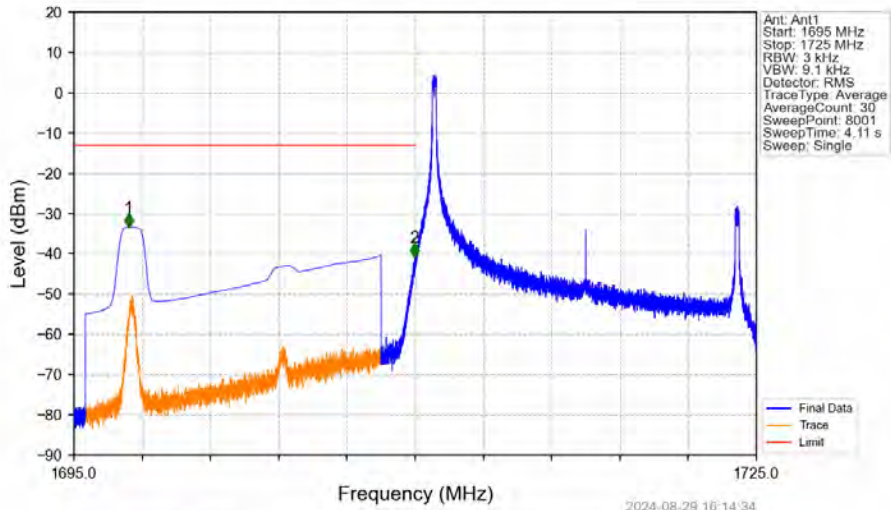
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.034	-42.07	-13	Pass
1756	1770	1	CHP	2	1767.368	-34.48	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV



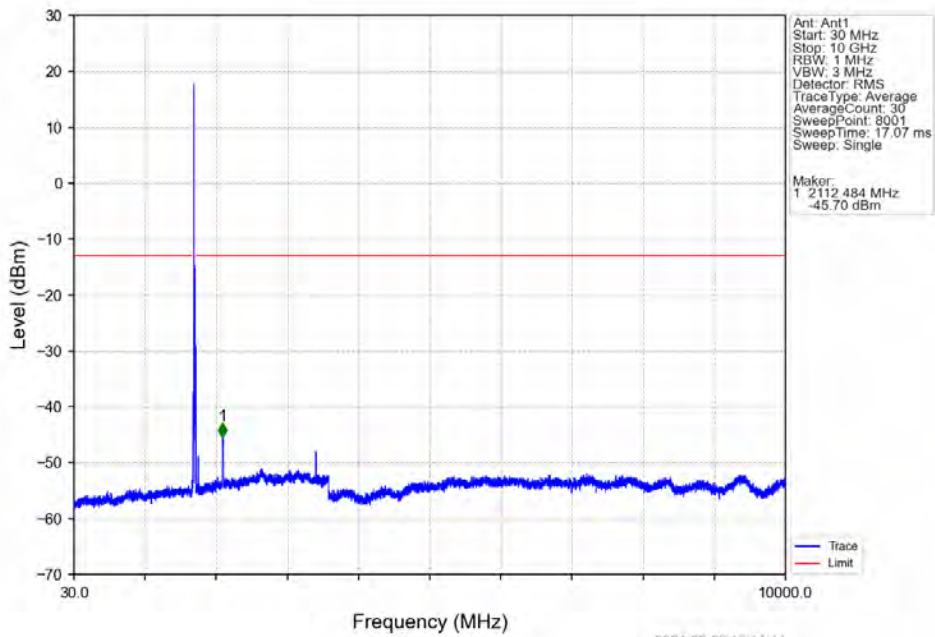
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.090	-32.36	-13	Pass
1756	1770	1	CHP	2	1757.940	-31.52	-13	Pass

Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV

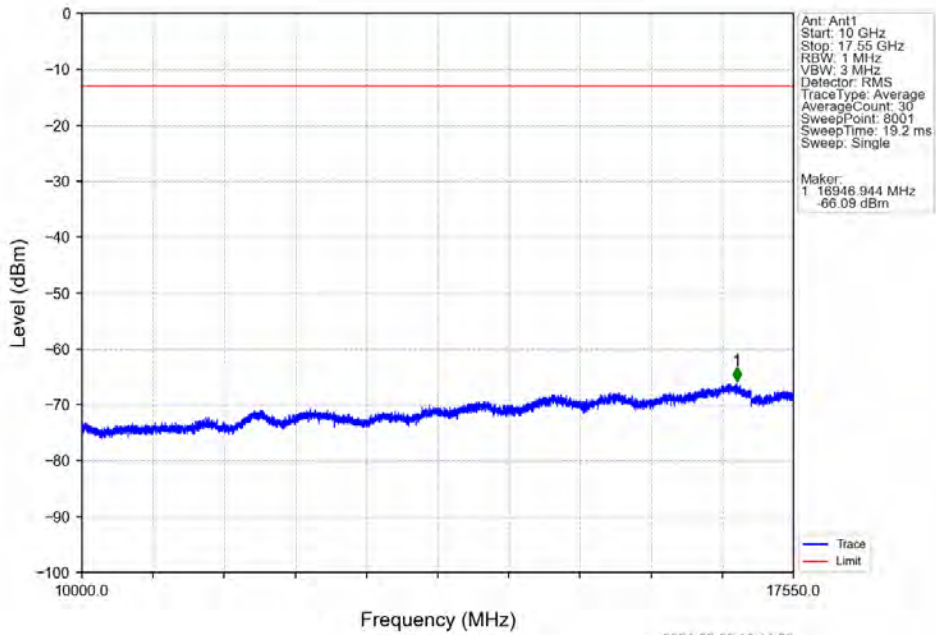


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.408	-33.45	-13	Pass
1709	1710	0.003	/	2	1709.981	-40.82	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

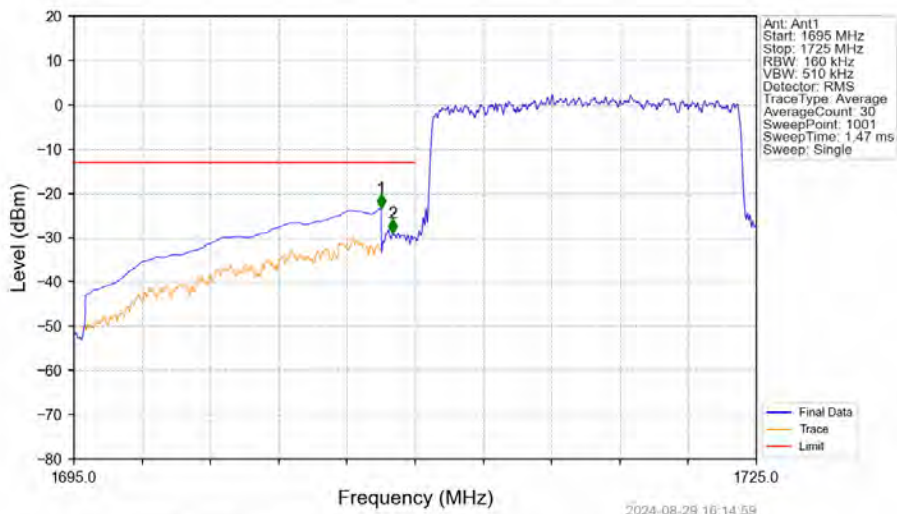
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



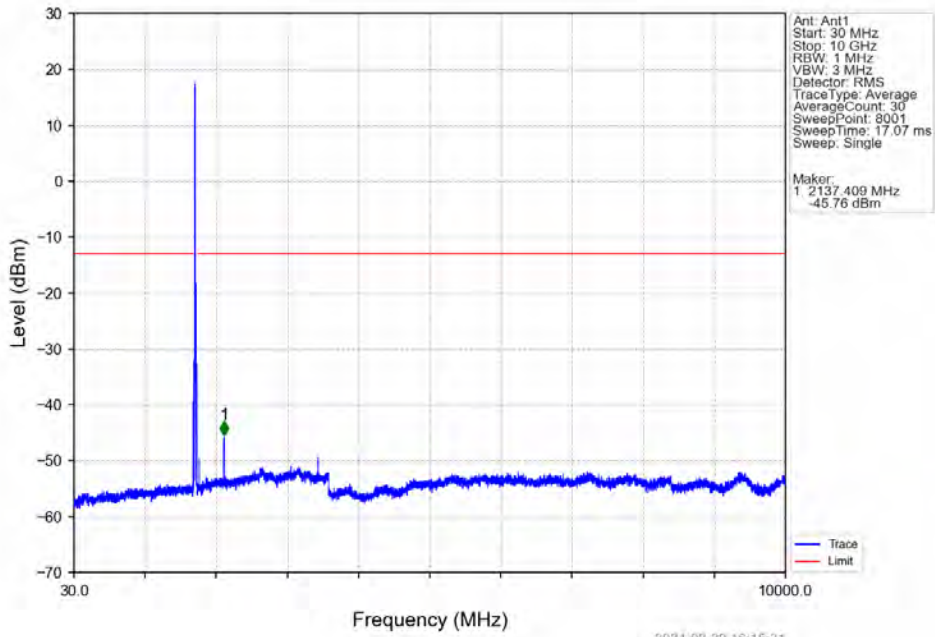
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-23.27	-13	Pass
1709	1710	0.16	/	2	1709.010	-28.96	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

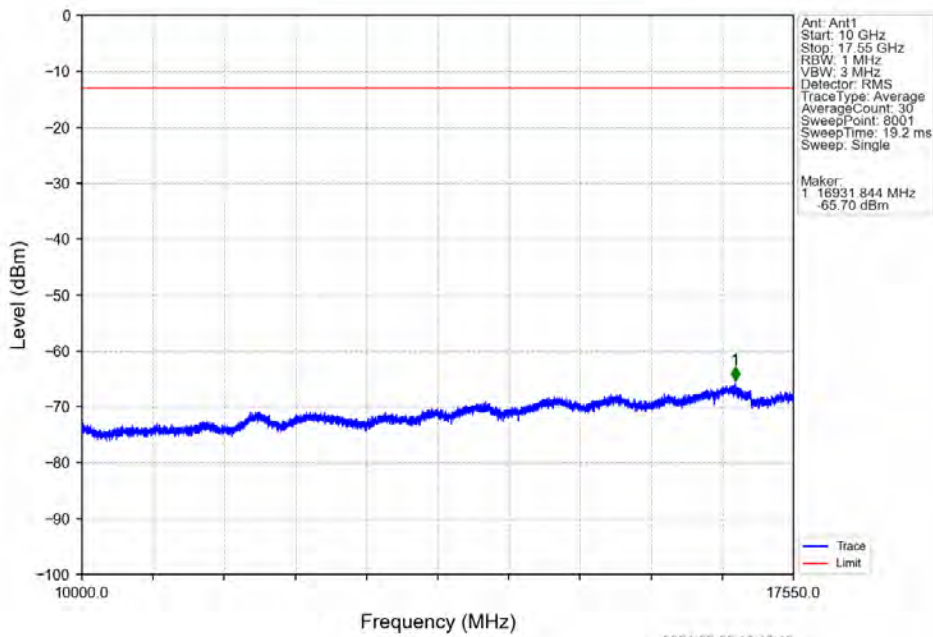


Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



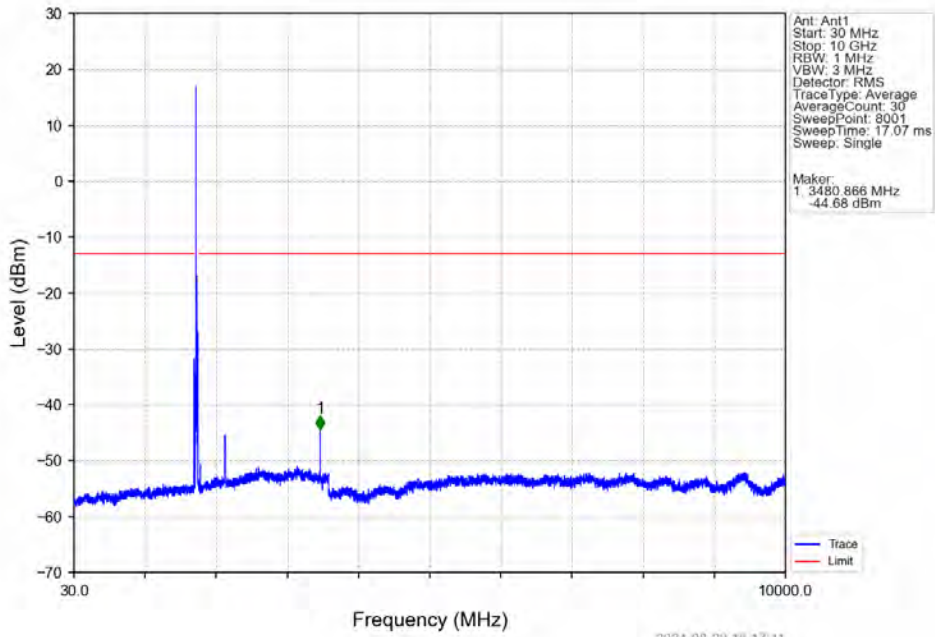
2024-08-29 16:15:31

Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV

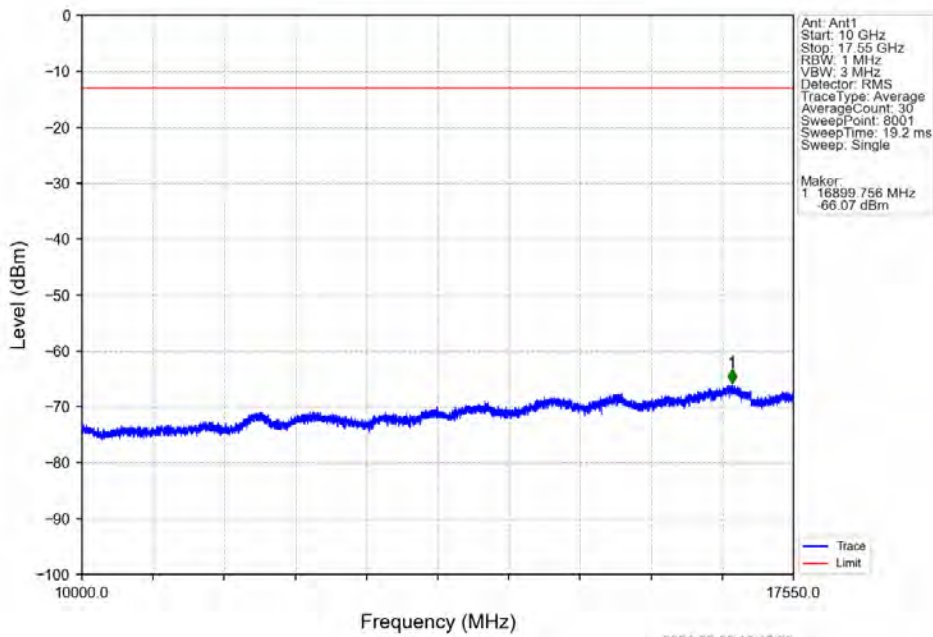


2024-08-29 16:15:40

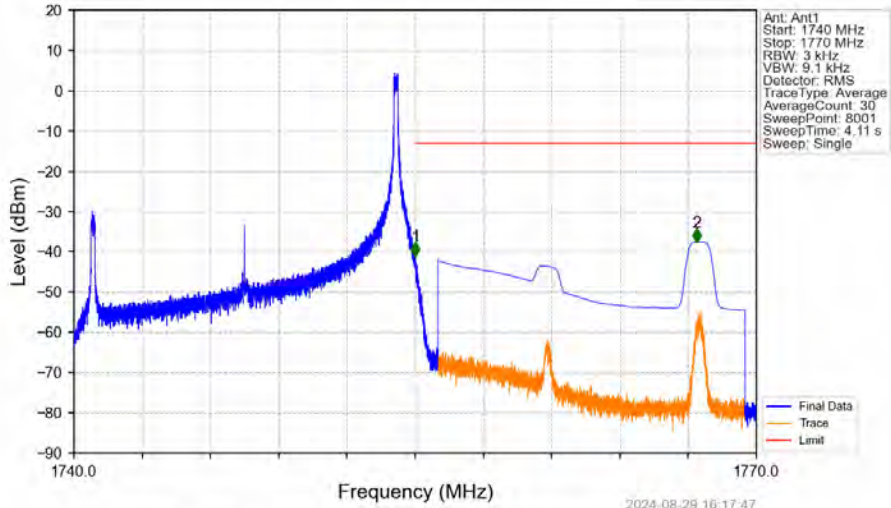
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV

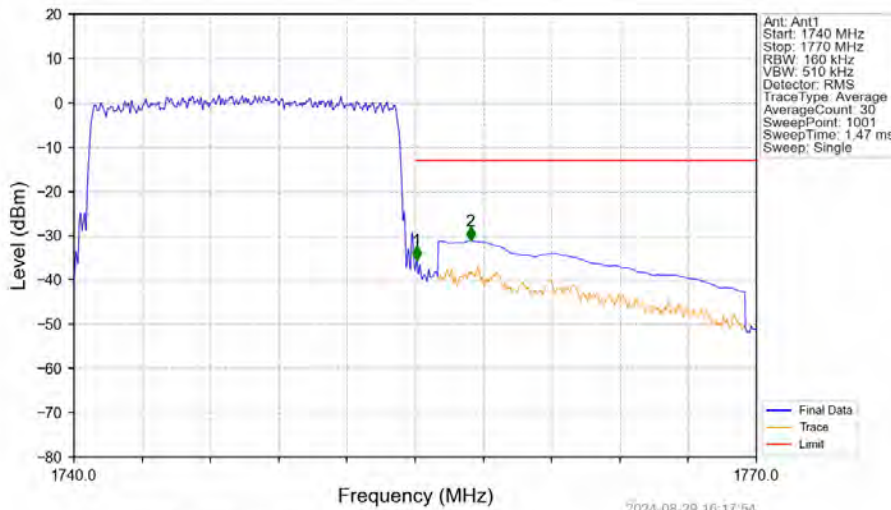


Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTN



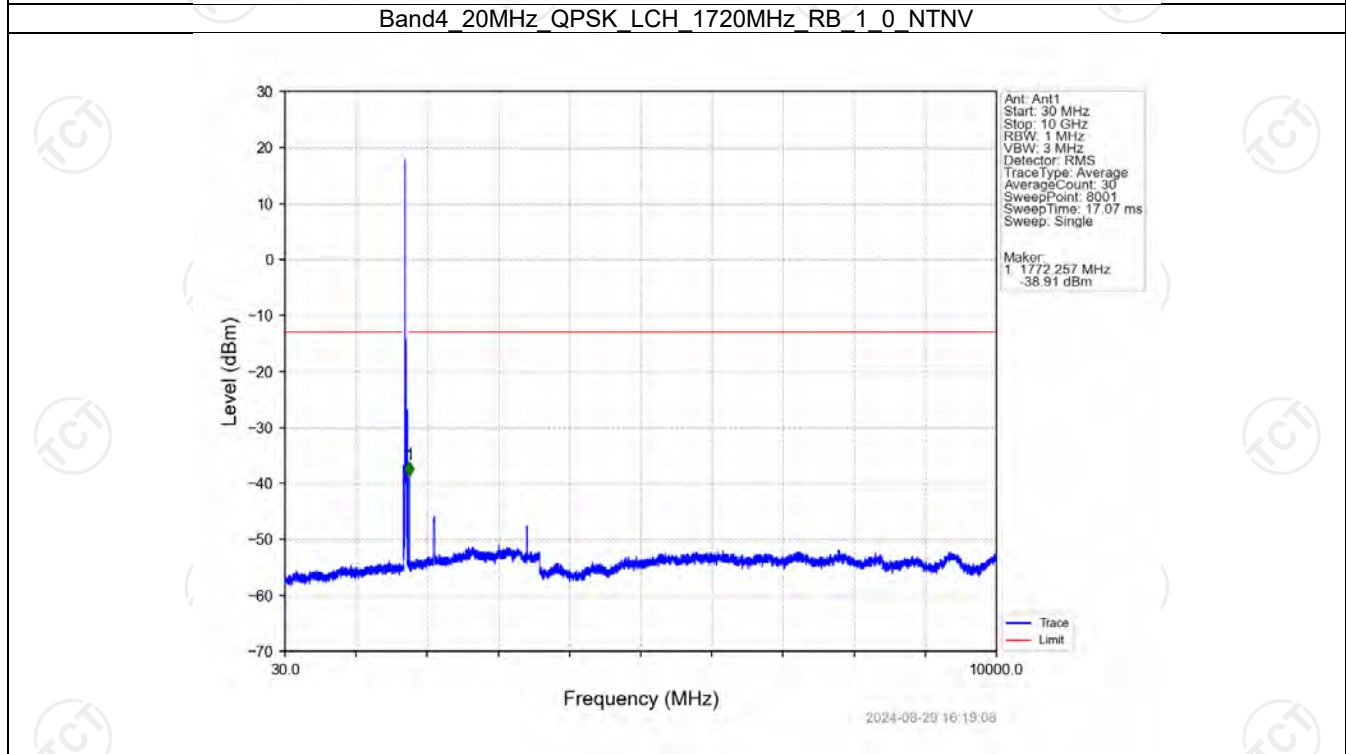
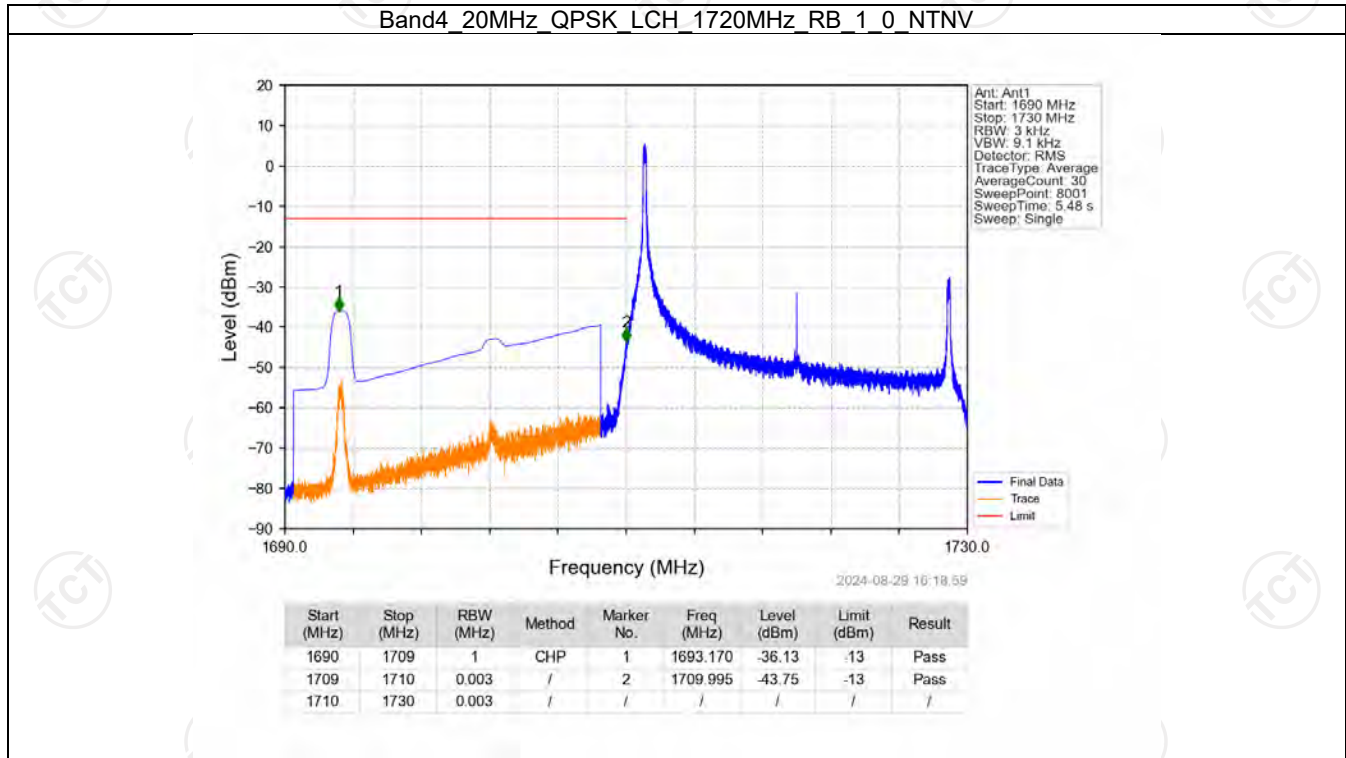
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-41.07	-13	Pass
1756	1770	1	CHP	2	1767.390	-37.57	-13	Pass

Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN

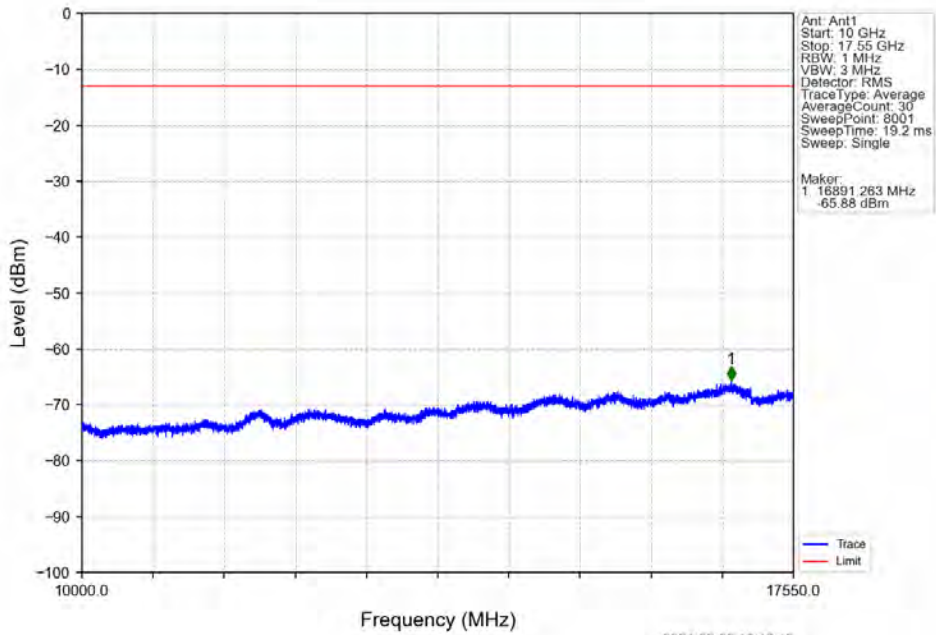


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.060	-35.49	-13	Pass
1756	1770	1	CHP	2	1757.430	-31.11	-13	Pass

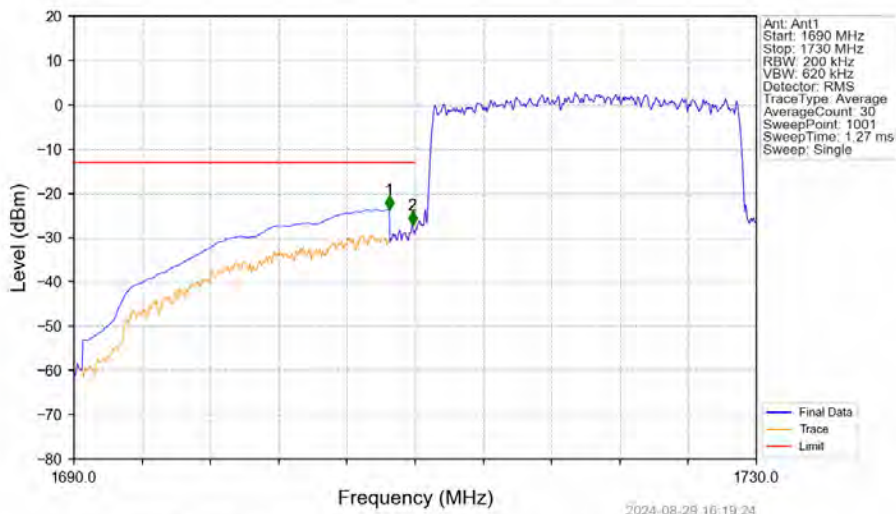
6.2.6 B4\_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV

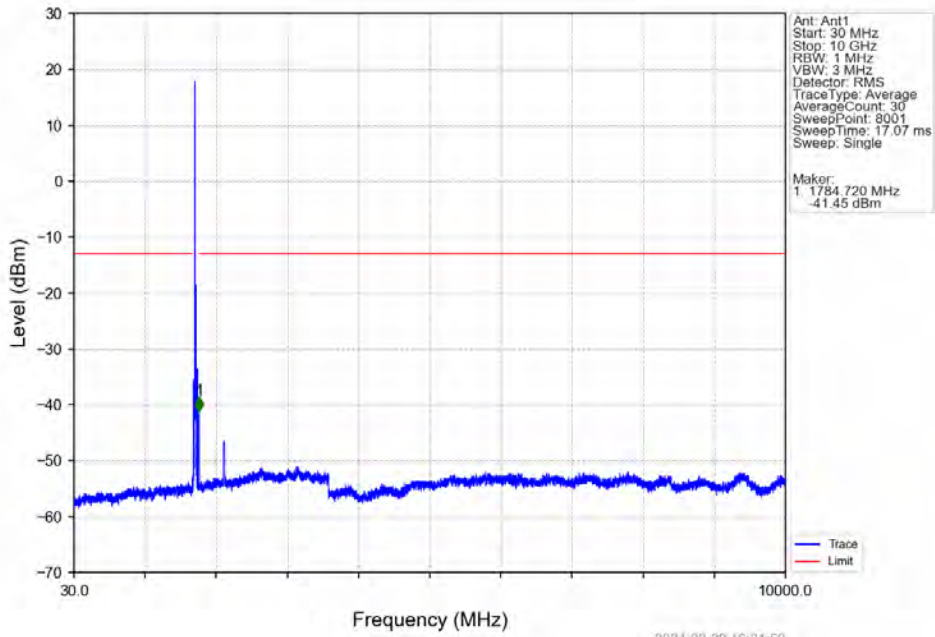


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV

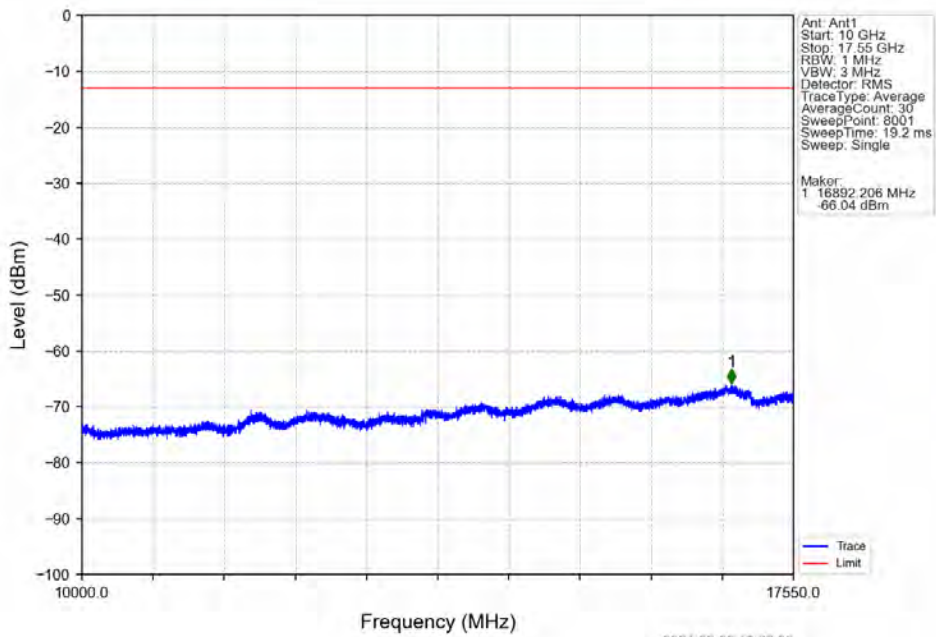


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-23.59	-13	Pass
1709	1710	0.2	/	2	1709.840	-27.09	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

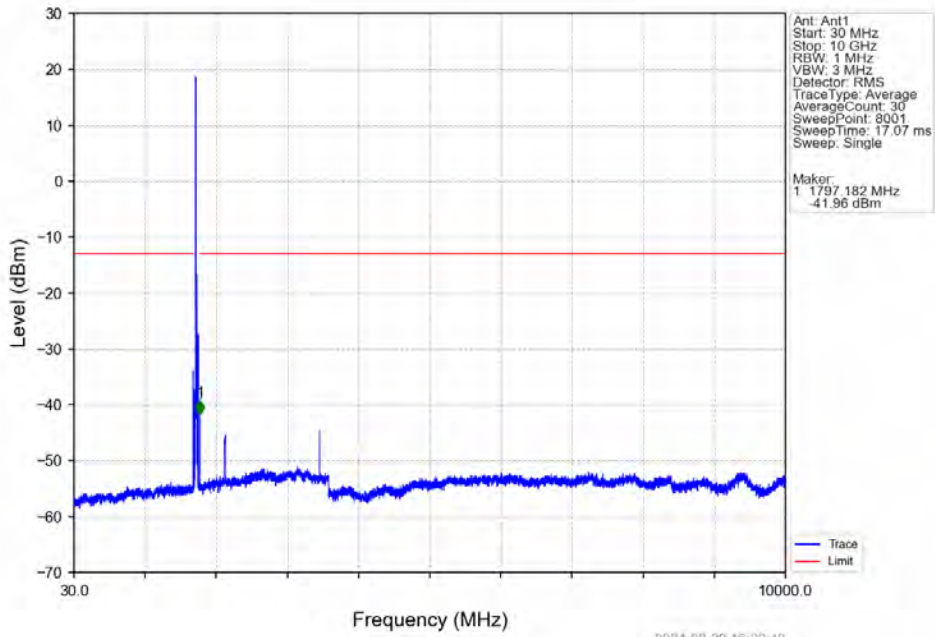
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV

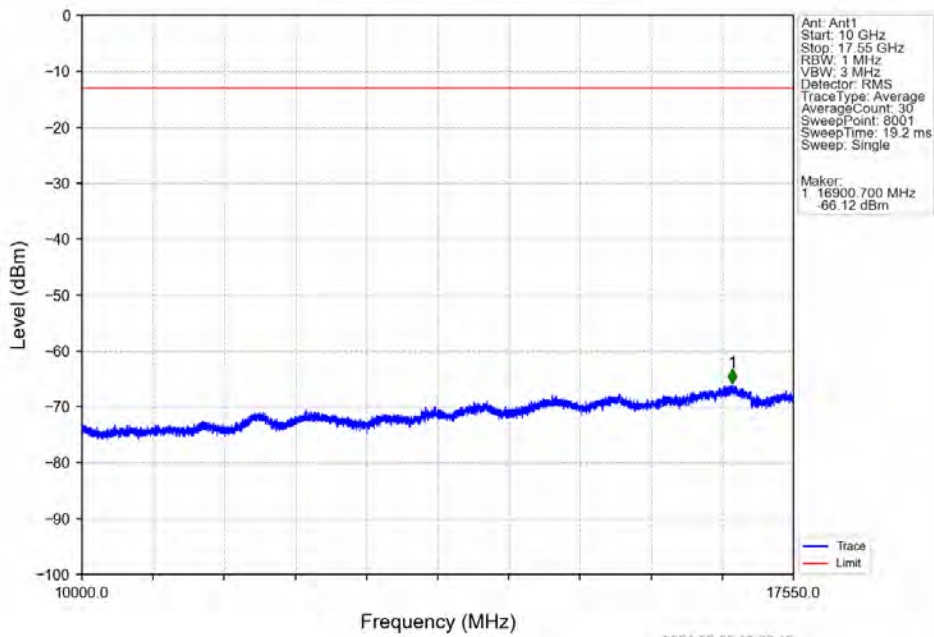


Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTV



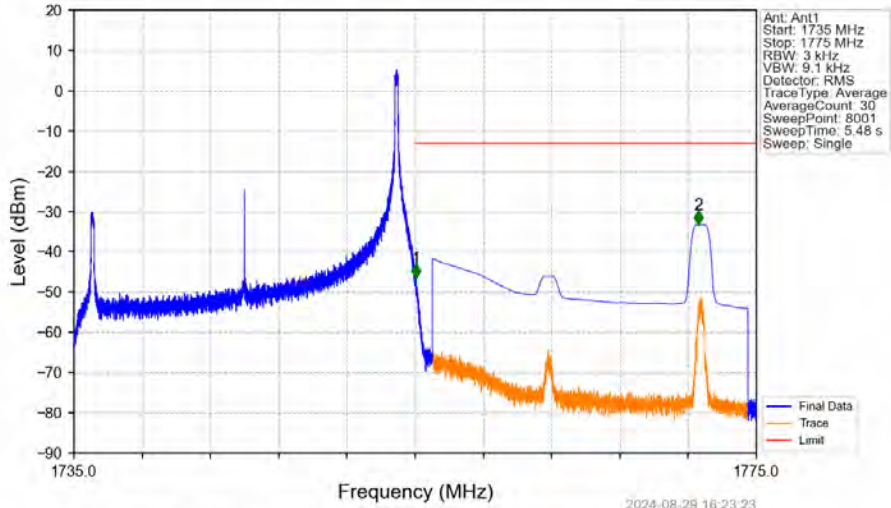
2024-08-29 16:22:40

Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTV



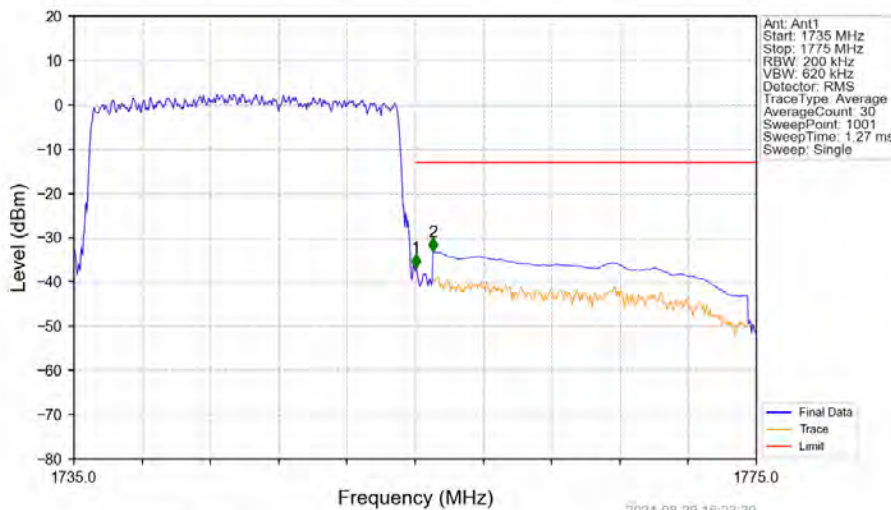
2024-08-29 16:22:49

Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.035	-46.49	-13	Pass
1756	1775	1	CHP	2	1771.600	-33.23	-13	Pass

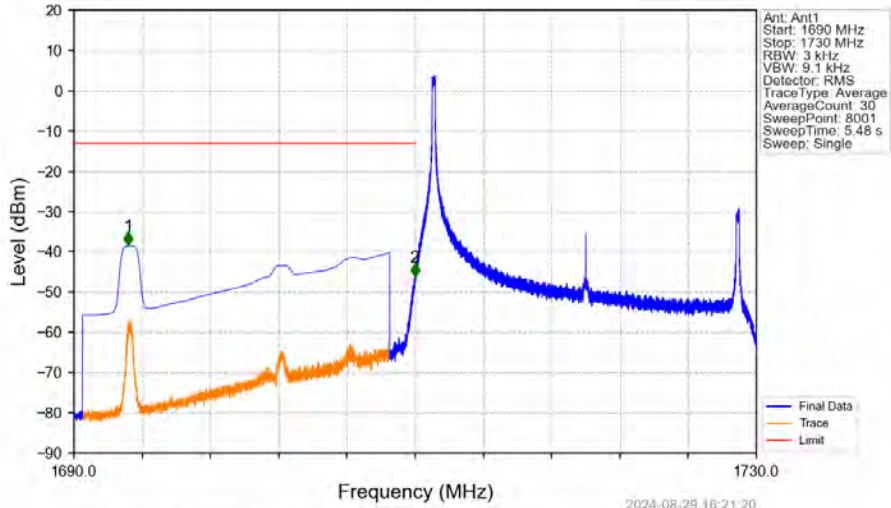
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.040	-36.85	-13	Pass
1756	1775	1	CHP	2	1756.040	-33.06	-13	Pass



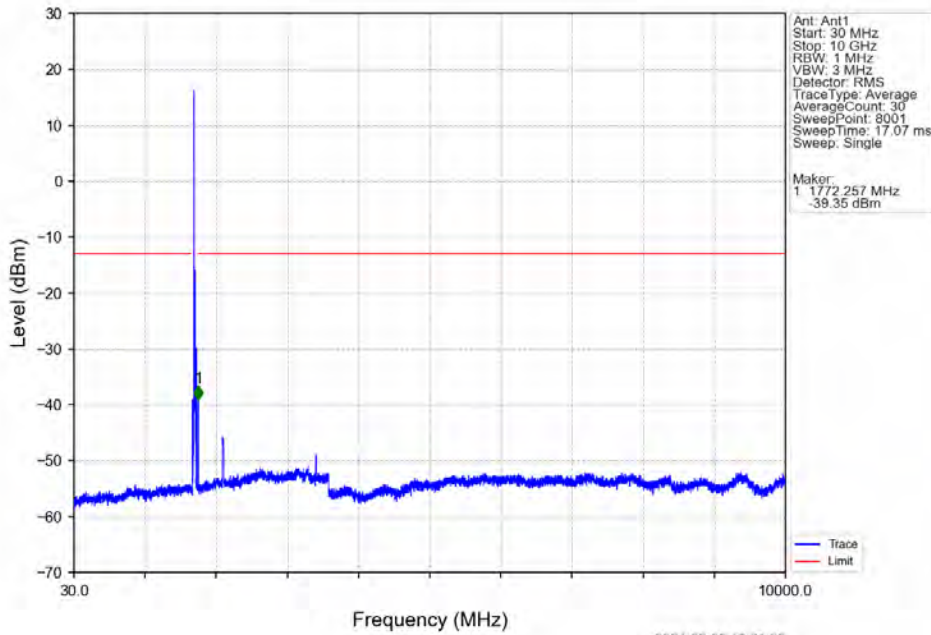
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTVV



2024-08-29 16:21:20

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.190	-38.54	-13	Pass
1709	1710	0.003	/	2	1709.980	-46.25	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTVV

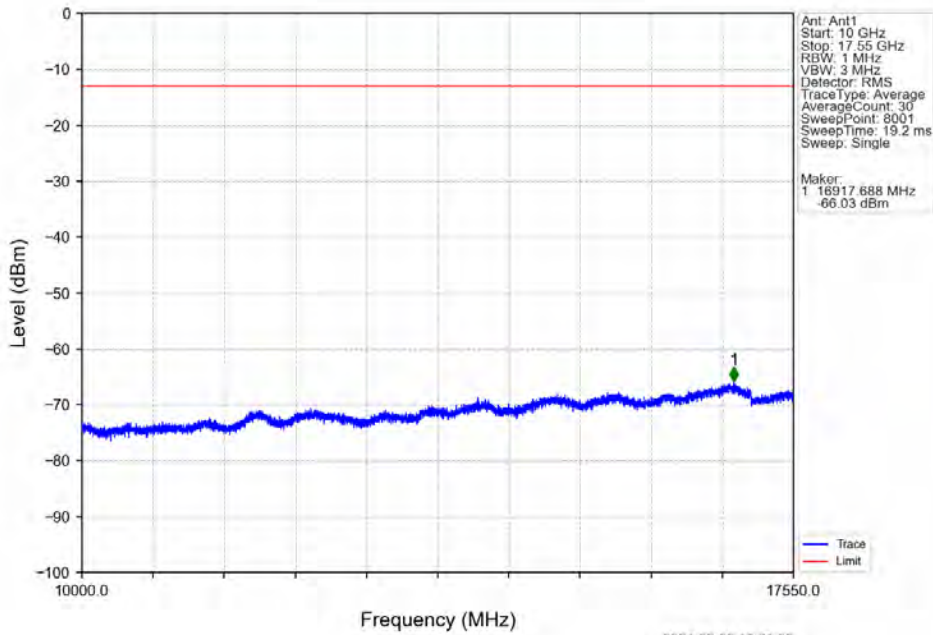


Ant: Ant1  
 Start: 30 MHz  
 Stop: 10 GHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 8001  
 Sweep Time: 17.07 ms  
 Sweep: Single

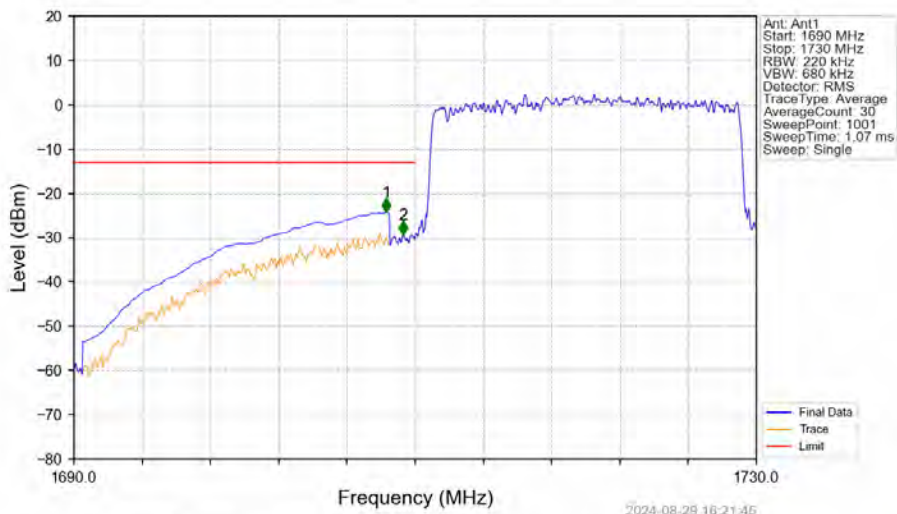
Marker:  
 1 1772.257 MHz  
 -39.35 dBm

2024-08-29 16:21:29

Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTN

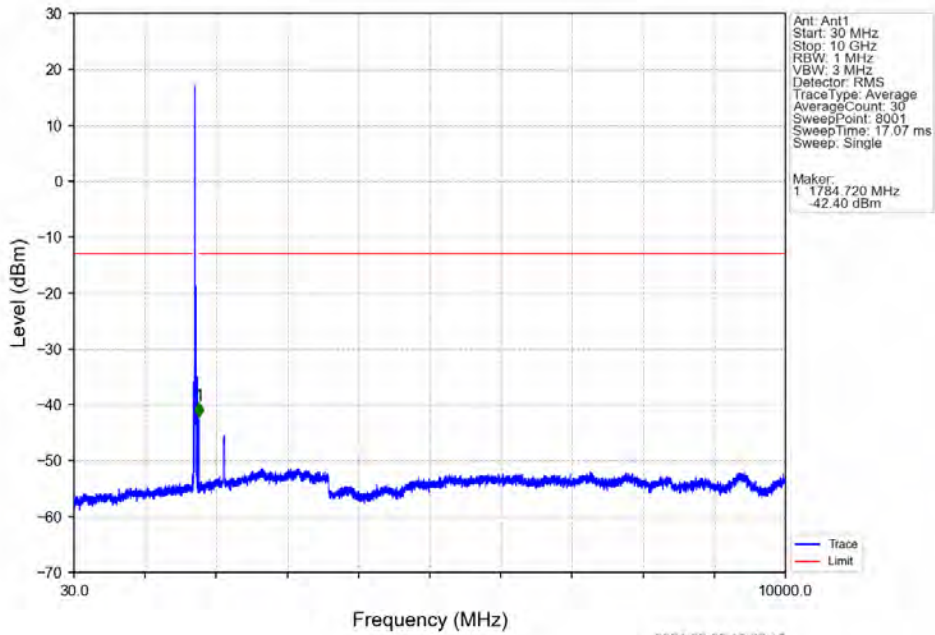


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



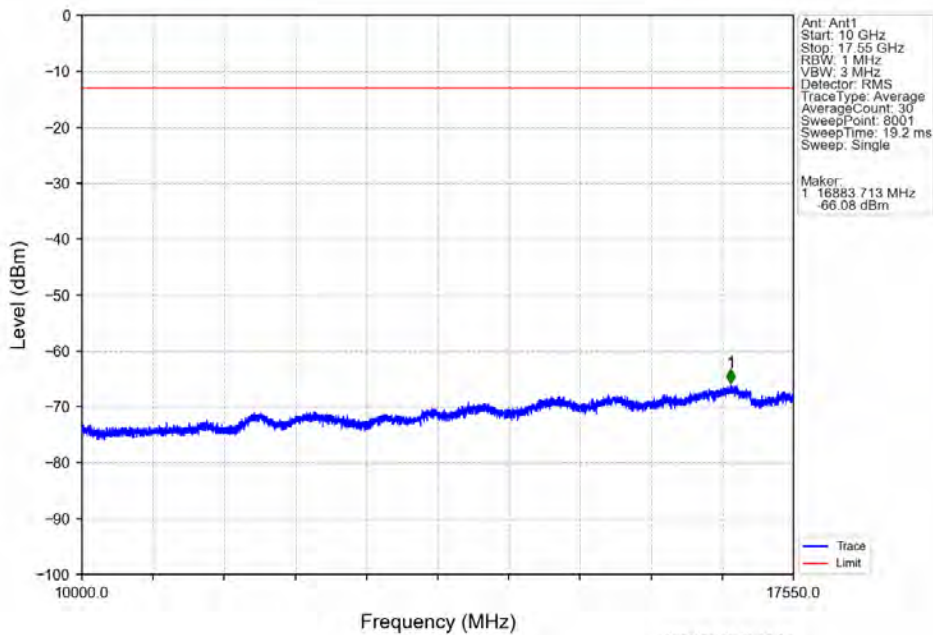
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.320	-24.29	-13	Pass
1709	1710	0.22	/	2	1709.280	-29.39	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



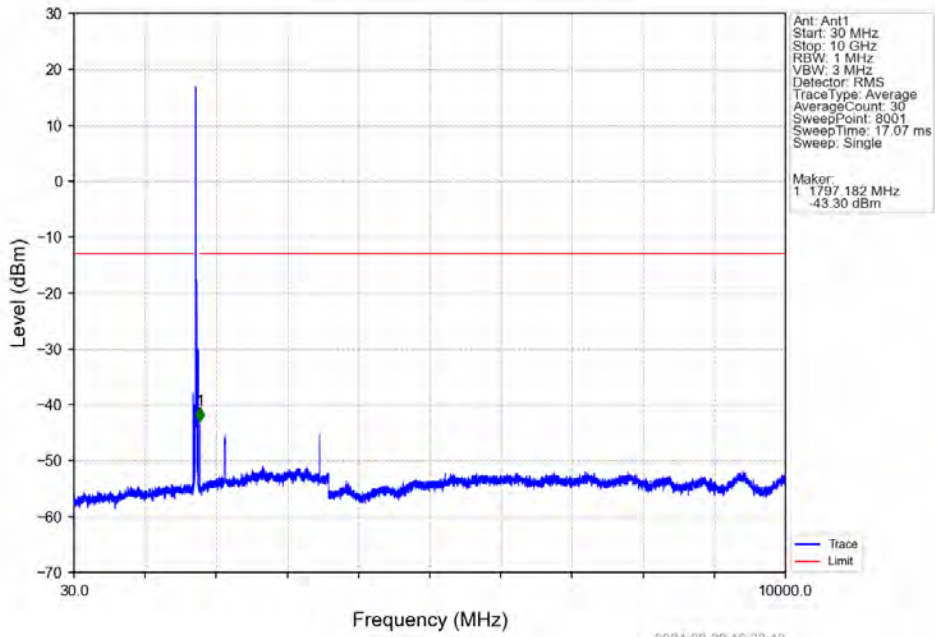
2024-08-29 16:22:17

Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV

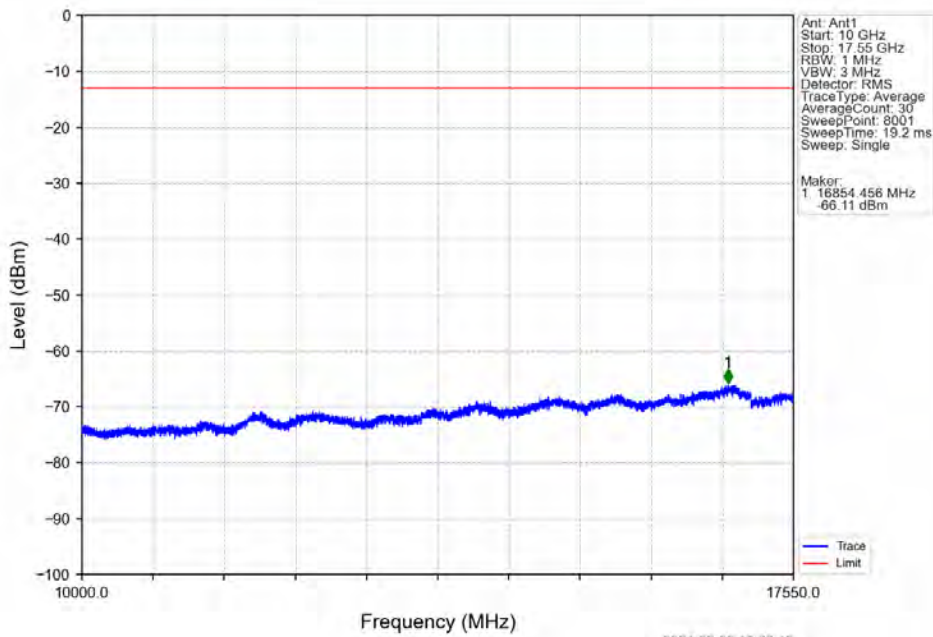


2024-08-29 16:22:26

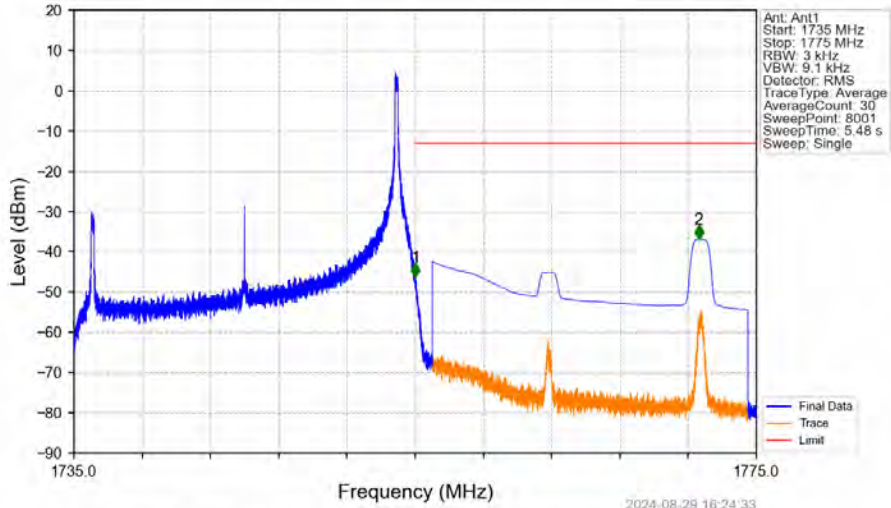
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV

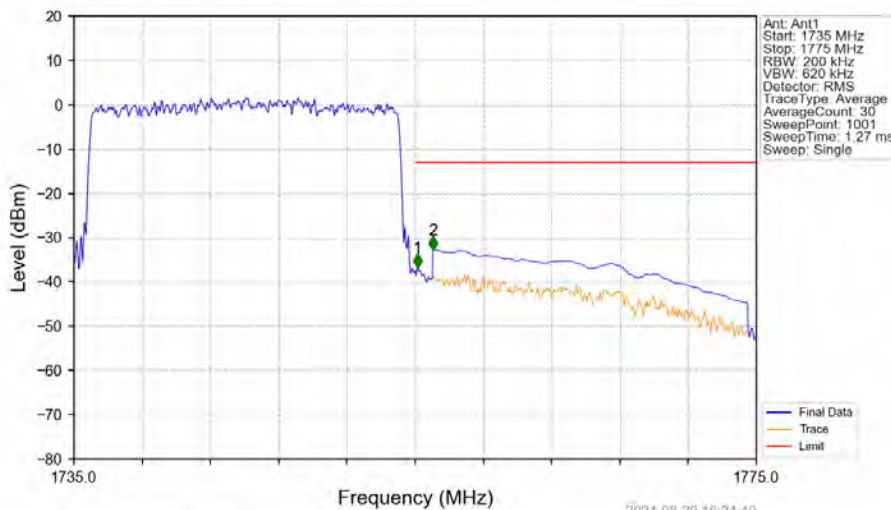


Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-46.33	-13	Pass
1756	1775	1	CHP	2	1771.620	-36.88	-13	Pass

Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.120	-36.86	-13	Pass
1756	1775	1	CHP	2	1756.040	-32.73	-13	Pass

## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1148	0.0016	ppm	1M11G7D	27L	20.60
4	1.4	1710.7	1754.3	0.1005	0.0014	ppm	1M11W7D	27L	20.02
4	3	1711.5	1753.5	0.1143	0.0011	ppm	2M72G7D	27L	20.58
4	3	1711.5	1753.5	0.1119	0.0011	ppm	2M72W7D	27L	20.49
4	5	1712.5	1752.5	0.1169	0.0017	ppm	4M57G7D	27L	20.68
4	5	1712.5	1752.5	0.0873	0.0013	ppm	4M59W7D	27L	19.41
4	10	1715	1750	0.1132	0.0019	ppm	9M11G7D	27L	20.54
4	10	1715	1750	0.0998	0.0007	ppm	9M08W7D	27L	19.99
4	15	1717.5	1747.5	0.1140	0.0015	ppm	13M6G7D	27L	20.57
4	15	1717.5	1747.5	0.1132	0.0012	ppm	13M6W7D	27L	20.54
4	20	1720	1745	0.1132	0.0009	ppm	18M1G7D	27L	20.54
4	20	1720	1745	0.1089	0.0009	ppm	18M1W7D	27L	20.37

#### 7.1.2 Form731\_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1330	0.0016	ppm	1M11G7D	27L	21.24
4	1.4	1710.7	1754.3	0.1164	0.0014	ppm	1M11W7D	27L	20.66
4	3	1711.5	1753.5	0.1324	0.0011	ppm	2M72G7D	27L	21.22
4	3	1711.5	1753.5	0.1297	0.0011	ppm	2M72W7D	27L	21.13
4	5	1712.5	1752.5	0.1355	0.0017	ppm	4M57G7D	27L	21.32
4	5	1712.5	1752.5	0.1012	0.0013	ppm	4M59W7D	27L	20.05
4	10	1715	1750	0.1312	0.0019	ppm	9M11G7D	27L	21.18
4	10	1715	1750	0.1156	0.0007	ppm	9M08W7D	27L	20.63
4	15	1717.5	1747.5	0.1321	0.0015	ppm	13M6G7D	27L	21.21
4	15	1717.5	1747.5	0.1312	0.0012	ppm	13M6W7D	27L	21.18
4	20	1720	1745	0.1312	0.0009	ppm	18M1G7D	27L	21.18
4	20	1720	1745	0.1262	0.0009	ppm	18M1W7D	27L	21.01