



## Appendix B.14 for KSEM2108001480CR-LTE-Band 66

### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 B66\_1.4MHz\_EIRP

##### 1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.11	-1.00	21.11	<=30	Pass
			2	21.61	-1.00	20.61	<=30	Pass
			5	21.60	-1.00	20.60	<=30	Pass
		3	0	21.48	-1.00	20.48	<=30	Pass
			2	21.52	-1.00	20.52	<=30	Pass
			3	21.53	-1.00	20.53	<=30	Pass
		6	0	20.39	-1.00	19.39	<=30	Pass
			0	22.13	-1.00	21.13	<=30	Pass
			2	21.81	-1.00	20.81	<=30	Pass
	1745	1	2	21.86	-1.00	20.86	<=30	Pass
			5	21.75	-1.00	20.75	<=30	Pass
			0	21.84	-1.00	20.84	<=30	Pass
		3	2	21.84	-1.00	20.84	<=30	Pass
			3	21.84	-1.00	20.84	<=30	Pass
			0	20.78	-1.00	19.78	<=30	Pass
		6	0	22.06	-1.00	21.06	<=30	Pass
			1	22.01	-1.00	21.01	<=30	Pass
			5	22.00	-1.00	21.00	<=30	Pass
	1779.3	1	0	22.04	-1.00	21.04	<=30	Pass
			2	21.90	-1.00	20.90	<=30	Pass
			3	21.91	-1.00	20.91	<=30	Pass
		3	0	20.83	-1.00	19.83	<=30	Pass
			0	20.53	-1.00	19.53	<=30	Pass
			2	20.53	-1.00	19.53	<=30	Pass
		3	5	20.58	-1.00	19.58	<=30	Pass
			0	20.61	-1.00	19.61	<=30	Pass
			2	20.57	-1.00	19.57	<=30	Pass
16QAM	1710.7	1	3	20.50	-1.00	19.50	<=30	Pass
			0	19.40	-1.00	18.40	<=30	Pass
			0	20.81	-1.00	19.81	<=30	Pass
		1	2	20.80	-1.00	19.80	<=30	Pass
			5	20.79	-1.00	19.79	<=30	Pass
			0	20.95	-1.00	19.95	<=30	Pass
		3	2	21.03	-1.00	20.03	<=30	Pass
			3	20.96	-1.00	19.96	<=30	Pass
			0	19.78	-1.00	18.78	<=30	Pass
	1745	1	0	20.53	-1.00	19.53	<=30	Pass
			2	20.53	-1.00	19.53	<=30	Pass
			5	20.58	-1.00	19.58	<=30	Pass
		3	0	20.61	-1.00	19.61	<=30	Pass
			2	20.57	-1.00	19.57	<=30	Pass
			3	20.50	-1.00	19.50	<=30	Pass



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	1779.3	1	0	20.79	-1.00	19.79	<=30	Pass
			2	20.81	-1.00	19.81	<=30	Pass
			5	20.63	-1.00	19.63	<=30	Pass
		3	0	21.01	-1.00	20.01	<=30	Pass
			2	20.88	-1.00	19.88	<=30	Pass
			3	20.83	-1.00	19.83	<=30	Pass
		6	0	19.68	-1.00	18.68	<=30	Pass

Note1: EIRP=Power+Antenna Gain

## 1.2 B66\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.16	-1.00	21.16	<=30	Pass
			7	21.55	-1.00	20.55	<=30	Pass
			14	21.50	-1.00	20.50	<=30	Pass
		8	0	20.62	-1.00	19.62	<=30	Pass
			4	20.56	-1.00	19.56	<=30	Pass
			7	20.56	-1.00	19.56	<=30	Pass
		15	0	20.47	-1.00	19.47	<=30	Pass
	1745	1	0	22.02	-1.00	21.02	<=30	Pass
			7	21.77	-1.00	20.77	<=30	Pass
			14	21.77	-1.00	20.77	<=30	Pass
		8	0	20.82	-1.00	19.82	<=30	Pass
			4	20.82	-1.00	19.82	<=30	Pass
			7	20.80	-1.00	19.80	<=30	Pass
		15	0	20.82	-1.00	19.82	<=30	Pass
	1778.5	1	0	22.05	-1.00	21.05	<=30	Pass
			7	21.93	-1.00	20.93	<=30	Pass
			14	21.85	-1.00	20.85	<=30	Pass
		8	0	21.08	-1.00	20.08	<=30	Pass
			4	20.92	-1.00	19.92	<=30	Pass
			7	20.84	-1.00	19.84	<=30	Pass
		15	0	20.94	-1.00	19.94	<=30	Pass
16QAM	1711.5	1	0	20.62	-1.00	19.62	<=30	Pass
			7	20.49	-1.00	19.49	<=30	Pass
			14	20.38	-1.00	19.38	<=30	Pass
		8	0	19.57	-1.00	18.57	<=30	Pass
			4	19.47	-1.00	18.47	<=30	Pass
			7	19.43	-1.00	18.43	<=30	Pass
		15	0	19.41	-1.00	18.41	<=30	Pass
	1745	1	0	20.98	-1.00	19.98	<=30	Pass
			7	20.99	-1.00	19.99	<=30	Pass
			14	20.90	-1.00	19.90	<=30	Pass
		8	0	19.84	-1.00	18.84	<=30	Pass



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		15	4	19.83	-1.00	18.83	<=30	Pass
			7	19.78	-1.00	18.78	<=30	Pass
			0	19.80	-1.00	18.80	<=30	Pass
	1778.5	1	0	21.30	-1.00	20.30	<=30	Pass
			7	21.29	-1.00	20.29	<=30	Pass
			14	21.20	-1.00	20.20	<=30	Pass
		8	0	20.18	-1.00	19.18	<=30	Pass
			4	20.19	-1.00	19.19	<=30	Pass
			7	20.11	-1.00	19.11	<=30	Pass
		15	0	20.11	-1.00	19.11	<=30	Pass

Note1: EIRP=Power+Antenna Gain

### 1.3 B66\_5MHz\_EIRP

#### 1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.07	-1.00	21.07	<=30	Pass
			13	21.50	-1.00	20.50	<=30	Pass
			24	21.28	-1.00	20.28	<=30	Pass
		12	0	20.59	-1.00	19.59	<=30	Pass
			6	20.55	-1.00	19.55	<=30	Pass
			13	20.36	-1.00	19.36	<=30	Pass
		25	0	20.46	-1.00	19.46	<=30	Pass
	1745	1	0	21.98	-1.00	20.98	<=30	Pass
			13	21.79	-1.00	20.79	<=30	Pass
			24	21.64	-1.00	20.64	<=30	Pass
		12	0	20.80	-1.00	19.80	<=30	Pass
			6	20.76	-1.00	19.76	<=30	Pass
			13	20.74	-1.00	19.74	<=30	Pass
		25	0	20.75	-1.00	19.75	<=30	Pass
	1777.5	1	0	22.06	-1.00	21.06	<=30	Pass
			13	21.77	-1.00	20.77	<=30	Pass
			24	21.57	-1.00	20.57	<=30	Pass
		12	0	20.87	-1.00	19.87	<=30	Pass
			6	20.79	-1.00	19.79	<=30	Pass
			13	20.78	-1.00	19.78	<=30	Pass
		25	0	20.76	-1.00	19.76	<=30	Pass
16QAM	1712.5	1	0	20.55	-1.00	19.55	<=30	Pass
			13	20.50	-1.00	19.50	<=30	Pass
			24	20.29	-1.00	19.29	<=30	Pass
		12	0	19.47	-1.00	18.47	<=30	Pass
			6	19.39	-1.00	18.39	<=30	Pass
			13	19.17	-1.00	18.17	<=30	Pass



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		25	0	19.26	-1.00	18.26	<=30	Pass
	1745	1	0	21.10	-1.00	20.10	<=30	Pass
			13	21.05	-1.00	20.05	<=30	Pass
			24	20.98	-1.00	19.98	<=30	Pass
			0	19.82	-1.00	18.82	<=30	Pass
		12	6	19.80	-1.00	18.80	<=30	Pass
			13	19.74	-1.00	18.74	<=30	Pass
			25	0	19.72	-1.00	18.72	<=30
	1777.5	1	0	20.61	-1.00	19.61	<=30	Pass
			13	20.51	-1.00	19.51	<=30	Pass
			24	20.30	-1.00	19.30	<=30	Pass
		12	0	19.74	-1.00	18.74	<=30	Pass
			6	19.64	-1.00	18.64	<=30	Pass
			13	19.65	-1.00	18.65	<=30	Pass
		25	0	19.69	-1.00	18.69	<=30	Pass
Note1: EIRP=Power+Antenna Gain								

Note1: EIRP=Power+Antenna Gain

## 1.4 B66\_10MHz\_EIRP

### 1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.07	-1.00	21.07	<=30	Pass
			25	21.63	-1.00	20.63	<=30	Pass
			49	21.51	-1.00	20.51	<=30	Pass
		25	0	20.71	-1.00	19.71	<=30	Pass
			13	20.66	-1.00	19.66	<=30	Pass
			25	20.68	-1.00	19.68	<=30	Pass
		50	0	20.62	-1.00	19.62	<=30	Pass
			0	22.02	-1.00	21.02	<=30	Pass
			25	21.77	-1.00	20.77	<=30	Pass
	1745	1	49	21.58	-1.00	20.58	<=30	Pass
			0	20.70	-1.00	19.70	<=30	Pass
			13	20.67	-1.00	19.67	<=30	Pass
		25	25	20.69	-1.00	19.69	<=30	Pass
			0	20.76	-1.00	19.76	<=30	Pass
			0	22.13	-1.00	21.13	<=30	Pass
		1	25	21.86	-1.00	20.86	<=30	Pass
			49	21.01	-1.00	20.01	<=30	Pass
			0	20.73	-1.00	19.73	<=30	Pass
	1775	25	13	20.79	-1.00	19.79	<=30	Pass
			25	20.76	-1.00	19.76	<=30	Pass
			0	20.81	-1.00	19.81	<=30	Pass
		50	0	20.61	-1.00	19.61	<=30	Pass



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			25	20.37	-1.00	19.37	<=30	Pass	
			49	20.28	-1.00	19.28	<=30	Pass	
			25	0	19.51	-1.00	18.51	<=30	Pass
				13	19.51	-1.00	18.51	<=30	Pass
				25	19.50	-1.00	18.50	<=30	Pass
		50	0	19.36	-1.00	18.36	<=30	Pass	
		1745	1	0	20.91	-1.00	19.91	<=30	Pass
				25	20.80	-1.00	19.80	<=30	Pass
				49	20.67	-1.00	19.67	<=30	Pass
			25	0	19.68	-1.00	18.68	<=30	Pass
	13			19.71	-1.00	18.71	<=30	Pass	
	25	19.70		-1.00	18.70	<=30	Pass		
	50	0	19.68	-1.00	18.68	<=30	Pass		
	1775	1	0	21.36	-1.00	20.36	<=30	Pass	
			25	21.21	-1.00	20.21	<=30	Pass	
			49	20.81	-1.00	19.81	<=30	Pass	
		25	0	19.75	-1.00	18.75	<=30	Pass	
			13	19.76	-1.00	18.76	<=30	Pass	
			25	19.72	-1.00	18.72	<=30	Pass	
		50	0	19.68	-1.00	18.68	<=30	Pass	

Note1: EIRP=Power+Antenna Gain

Note1: EIRP=Power+Antenna Gain

## 1.5 B66\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.48	-1.00	20.48	<=30	Pass
			38	21.66	-1.00	20.66	<=30	Pass
			74	21.61	-1.00	20.61	<=30	Pass
		36	0	20.47	-1.00	19.47	<=30	Pass
			18	20.68	-1.00	19.68	<=30	Pass
			39	20.72	-1.00	19.72	<=30	Pass
		75	0	20.51	-1.00	19.51	<=30	Pass
			0	21.44	-1.00	20.44	<=30	Pass
			38	21.62	-1.00	20.62	<=30	Pass
	1745	1	74	21.66	-1.00	20.66	<=30	Pass
			0	20.40	-1.00	19.40	<=30	Pass
			18	20.68	-1.00	19.68	<=30	Pass
		36	39	20.75	-1.00	19.75	<=30	Pass
			0	20.54	-1.00	19.54	<=30	Pass
			0	21.59	-1.00	20.59	<=30	Pass
		75	38	21.77	-1.00	20.77	<=30	Pass
			74	21.48	-1.00	20.48	<=30	Pass
			0	21.48	-1.00	20.48	<=30	Pass



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		36	0	20.41	-1.00	19.41	<=30	Pass
			18	20.56	-1.00	19.56	<=30	Pass
			39	20.67	-1.00	19.67	<=30	Pass
		75	0	20.53	-1.00	19.53	<=30	Pass
16QAM	1717.5	1	0	20.28	-1.00	19.28	<=30	Pass
			38	20.61	-1.00	19.61	<=30	Pass
			74	20.63	-1.00	19.63	<=30	Pass
		36	0	19.10	-1.00	18.10	<=30	Pass
			18	19.32	-1.00	18.32	<=30	Pass
			39	19.37	-1.00	18.37	<=30	Pass
		75	0	19.21	-1.00	18.21	<=30	Pass
	1745	1	0	20.41	-1.00	19.41	<=30	Pass
			38	20.61	-1.00	19.61	<=30	Pass
			74	20.72	-1.00	19.72	<=30	Pass
		36	0	19.39	-1.00	18.39	<=30	Pass
			18	19.62	-1.00	18.62	<=30	Pass
			39	19.66	-1.00	18.66	<=30	Pass
		75	0	19.51	-1.00	18.51	<=30	Pass
	1772.5	1	0	20.82	-1.00	19.82	<=30	Pass
			38	21.16	-1.00	20.16	<=30	Pass
			74	20.75	-1.00	19.75	<=30	Pass
		36	0	19.36	-1.00	18.36	<=30	Pass
			18	19.53	-1.00	18.53	<=30	Pass
			39	19.76	-1.00	18.76	<=30	Pass
		75	0	19.57	-1.00	18.57	<=30	Pass

Note1: EIRP=Power+Antenna Gain

## 1.6 B66\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.95	-1.00	20.95	<=30	Pass
			50	21.84	-1.00	20.84	<=30	Pass
			99	21.63	-1.00	20.63	<=30	Pass
		50	0	20.99	-1.00	19.99	<=30	Pass
			25	20.97	-1.00	19.97	<=30	Pass
			50	20.92	-1.00	19.92	<=30	Pass
		100	0	20.81	-1.00	19.81	<=30	Pass
	1745	1	0	21.90	-1.00	20.90	<=30	Pass
			50	21.74	-1.00	20.74	<=30	Pass
			99	21.45	-1.00	20.45	<=30	Pass
		50	0	20.79	-1.00	19.79	<=30	Pass
			25	20.69	-1.00	19.69	<=30	Pass



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	1770	100	50	20.62	-1.00	19.62	<=30	Pass
			0	20.62	-1.00	19.62	<=30	Pass
		1	0	22.05	-1.00	21.05	<=30	Pass
			50	21.75	-1.00	20.75	<=30	Pass
			99	21.08	-1.00	20.08	<=30	Pass
		50	0	20.72	-1.00	19.72	<=30	Pass
			25	20.66	-1.00	19.66	<=30	Pass
			50	20.59	-1.00	19.59	<=30	Pass
		100	0	20.66	-1.00	19.66	<=30	Pass
16QAM	1720	1	0	21.02	-1.00	20.02	<=30	Pass
			50	20.95	-1.00	19.95	<=30	Pass
			99	20.77	-1.00	19.77	<=30	Pass
		50	0	19.49	-1.00	18.49	<=30	Pass
			25	19.55	-1.00	18.55	<=30	Pass
			50	19.48	-1.00	18.48	<=30	Pass
		100	0	19.53	-1.00	18.53	<=30	Pass
	1745	1	0	20.86	-1.00	19.86	<=30	Pass
			50	20.87	-1.00	19.87	<=30	Pass
			99	20.49	-1.00	19.49	<=30	Pass
		50	0	19.66	-1.00	18.66	<=30	Pass
			25	19.57	-1.00	18.57	<=30	Pass
			50	19.57	-1.00	18.57	<=30	Pass
		100	0	19.60	-1.00	18.60	<=30	Pass
	1770	1	0	20.97	-1.00	19.97	<=30	Pass
			50	21.03	-1.00	20.03	<=30	Pass
			99	20.36	-1.00	19.36	<=30	Pass
		50	0	19.64	-1.00	18.64	<=30	Pass
			25	19.60	-1.00	18.60	<=30	Pass
			50	19.58	-1.00	18.58	<=30	Pass
		100	0	19.68	-1.00	18.68	<=30	Pass

Note1: EIRP=Power+Antenna Gain

Remark1:

For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Power [dBm] + Gain [dBi]

EIRP [dBm] = Power [dBm] + Gain [dBi]



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## 2. Frequency Stability

### 2.1 B66\_1.4MHz

#### 2.1.1 Test Result

Band: 66 / 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	-2.56	-0.00	-2.5 to 2.5	Pass
					3.85	-2.65	-0.00	-2.5 to 2.5	Pass
					4.43	-2.29	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.82	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.94	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.58	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.72	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
	1745	6	0	20	3.85	-2.73	-0.00	-2.5 to 2.5	Pass
					3.27	-10.64	-0.01	-2.5 to 2.5	Pass
					3.85	-2.46	-0.00	-2.5 to 2.5	Pass
				-30	4.43	-0.66	-0.00	-2.5 to 2.5	Pass
					3.85	-3.78	-0.00	-2.5 to 2.5	Pass
					3.85	-1.02	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.07	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
					3.85	-4.13	-0.00	-2.5 to 2.5	Pass
					3.27	15.12	0.01	-2.5 to 2.5	Pass
				-30	3.85	12.60	0.01	-2.5 to 2.5	Pass
					4.43	14.56	0.01	-2.5 to 2.5	Pass
					3.85	14.53	0.01	-2.5 to 2.5	Pass
				-20	3.85	14.23	0.01	-2.5 to 2.5	Pass
				-10	3.85	14.00	0.01	-2.5 to 2.5	Pass
				0	3.85	13.49	0.01	-2.5 to 2.5	Pass
				10	3.85	12.45	0.01	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.85	11.72	0.01	-2.5 to 2.5	Pass
					3.85	10.90	0.01	-2.5 to 2.5	Pass
				50	3.85	11.44	0.01	-2.5 to 2.5	Pass
					3.27	-1.22	-0.00	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.85	-1.95	-0.00	-2.5 to 2.5	Pass
					3.85	-1.95	-0.00	-2.5 to 2.5	Pass



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				-30	4.43	-2.02	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.35	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.82	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.13	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.44	0.00	-2.5 to 2.5	Pass
				50	3.85	-1.60	-0.00	-2.5 to 2.5	Pass
	1745	6	0	20	3.85	-1.17	-0.00	-2.5 to 2.5	Pass
					3.27	-2.40	-0.00	-2.5 to 2.5	Pass
					3.85	-2.25	-0.00	-2.5 to 2.5	Pass
				-30	4.43	-2.96	-0.00	-2.5 to 2.5	Pass
					3.85	-3.45	-0.00	-2.5 to 2.5	Pass
					3.85	-2.13	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.40	-0.00	-2.5 to 2.5	Pass
					3.85	-2.06	-0.00	-2.5 to 2.5	Pass
					3.85	-2.06	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	10	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
					3.85	-0.86	-0.00	-2.5 to 2.5	Pass
					3.85	-2.16	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.20	-0.00	-2.5 to 2.5	Pass
					3.85	-2.20	-0.00	-2.5 to 2.5	Pass
					3.85	-2.20	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.20	-0.00	-2.5 to 2.5	Pass
					3.85	-2.20	-0.00	-2.5 to 2.5	Pass
					3.85	-2.20	-0.00	-2.5 to 2.5	Pass

## 2.2 B66\_3MHz

### 2.2.1 Test Result

Band: 66 / 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	0.63	0.00	-2.5 to 2.5	Pass
					3.85	3.00	0.00	-2.5 to 2.5	Pass
					4.43	2.88	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.97	0.00	-2.5 to 2.5	Pass
				-20	3.85	3.13	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.25	0.00	-2.5 to 2.5	Pass
				0	3.85	0.77	0.00	-2.5 to 2.5	Pass



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16QAM	1745	15	0	10	3.85	3.46	0.00	-2.5 to 2.5	Pass
				30	3.85	2.63	0.00	-2.5 to 2.5	Pass
				40	3.85	1.27	0.00	-2.5 to 2.5	Pass
				50	3.85	3.38	0.00	-2.5 to 2.5	Pass
				20	3.27	-1.47	-0.00	-2.5 to 2.5	Pass
					3.85	0.33	0.00	-2.5 to 2.5	Pass
					4.43	-2.16	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.60	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.77	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.86	0.00	-2.5 to 2.5	Pass
	1778.5	15	0	0	3.85	1.03	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.89	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.29	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
				20	3.27	5.15	0.00	-2.5 to 2.5	Pass
					3.85	4.23	0.00	-2.5 to 2.5	Pass
					4.43	3.60	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.42	0.00	-2.5 to 2.5	Pass
				-20	3.85	5.85	0.00	-2.5 to 2.5	Pass
	1711.5	15	0	-10	3.85	4.25	0.00	-2.5 to 2.5	Pass
				0	3.85	1.57	0.00	-2.5 to 2.5	Pass
				10	3.85	5.15	0.00	-2.5 to 2.5	Pass
				30	3.85	2.36	0.00	-2.5 to 2.5	Pass
				40	3.85	2.75	0.00	-2.5 to 2.5	Pass
				50	3.85	3.48	0.00	-2.5 to 2.5	Pass
				20	3.27	3.59	0.00	-2.5 to 2.5	Pass
					3.85	1.87	0.00	-2.5 to 2.5	Pass
					4.43	1.63	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.12	0.00	-2.5 to 2.5	Pass
16QAM	1745	15	0	-20	3.85	3.43	0.00	-2.5 to 2.5	Pass
				-10	3.85	4.51	0.00	-2.5 to 2.5	Pass
				0	3.85	2.62	0.00	-2.5 to 2.5	Pass
				10	3.85	3.05	0.00	-2.5 to 2.5	Pass
				30	3.85	2.13	0.00	-2.5 to 2.5	Pass
				40	3.85	2.03	0.00	-2.5 to 2.5	Pass
				50	3.85	3.91	0.00	-2.5 to 2.5	Pass
				20	3.27	-1.57	-0.00	-2.5 to 2.5	Pass
					3.85	-0.41	-0.00	-2.5 to 2.5	Pass
					4.43	0.06	0.00	-2.5 to 2.5	Pass
	1745	15	0	-30	3.85	0.07	0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.99	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.19	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.27	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.47	0.00	-2.5 to 2.5	Pass



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	1778.5	15	0	20	3.27	3.26	0.00	-2.5 to 2.5	Pass
					3.85	2.75	0.00	-2.5 to 2.5	Pass
					4.43	3.12	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.99	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.69	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.53	0.00	-2.5 to 2.5	Pass
				0	3.85	2.85	0.00	-2.5 to 2.5	Pass
				10	3.85	2.46	0.00	-2.5 to 2.5	Pass
				30	3.85	3.42	0.00	-2.5 to 2.5	Pass
				40	3.85	4.05	0.00	-2.5 to 2.5	Pass
				50	3.85	3.15	0.00	-2.5 to 2.5	Pass

## 2.3 B66\_5MHz

### 2.3.1 Test Result

Band: 66 / 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	1.40	0.00	-2.5 to 2.5	Pass
					3.85	1.42	0.00	-2.5 to 2.5	Pass
					4.43	2.42	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.56	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.12	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.80	0.00	-2.5 to 2.5	Pass
				0	3.85	2.43	0.00	-2.5 to 2.5	Pass
				10	3.85	2.09	0.00	-2.5 to 2.5	Pass
				30	3.85	1.75	0.00	-2.5 to 2.5	Pass
				40	3.85	2.62	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	3.85	2.63	0.00	-2.5 to 2.5	Pass
					3.27	-0.66	-0.00	-2.5 to 2.5	Pass
					3.85	-0.67	-0.00	-2.5 to 2.5	Pass
				-30	4.43	-1.22	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.32	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.89	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.17	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
					3.85	0.01	0.00	-2.5 to 2.5	Pass
					3.27	2.37	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.33	0.00	-2.5 to 2.5	Pass
					4.43	4.31	0.00	-2.5 to 2.5	Pass
					3.85	2.88	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.46	0.00	-2.5 to 2.5	Pass



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				-10	3.85	2.83	0.00	-2.5 to 2.5	Pass
				0	3.85	2.59	0.00	-2.5 to 2.5	Pass
				10	3.85	2.57	0.00	-2.5 to 2.5	Pass
				30	3.85	1.47	0.00	-2.5 to 2.5	Pass
				40	3.85	2.30	0.00	-2.5 to 2.5	Pass
				50	3.85	2.43	0.00	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	4.84	0.00	-2.5 to 2.5	Pass
					3.85	2.62	0.00	-2.5 to 2.5	Pass
					4.43	4.01	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.13	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.47	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.52	0.00	-2.5 to 2.5	Pass
				0	3.85	3.03	0.00	-2.5 to 2.5	Pass
				10	3.85	2.00	0.00	-2.5 to 2.5	Pass
				30	3.85	3.72	0.00	-2.5 to 2.5	Pass
				40	3.85	2.25	0.00	-2.5 to 2.5	Pass
				50	3.85	3.89	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-1.09	-0.00	-2.5 to 2.5	Pass
					3.85	-2.19	-0.00	-2.5 to 2.5	Pass
					4.43	-2.80	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.29	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.09	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.30	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.19	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	0.36	0.00	-2.5 to 2.5	Pass
					3.85	2.22	0.00	-2.5 to 2.5	Pass
					4.43	1.56	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.32	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.54	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.97	0.00	-2.5 to 2.5	Pass
				0	3.85	0.37	0.00	-2.5 to 2.5	Pass
				10	3.85	0.50	0.00	-2.5 to 2.5	Pass
				30	3.85	0.86	0.00	-2.5 to 2.5	Pass
				40	3.85	0.44	0.00	-2.5 to 2.5	Pass
				50	3.85	1.95	0.00	-2.5 to 2.5	Pass

## 2.4 B66\_10MHz

### 2.4.1 Test Result

Band: 66 / Bandwidth: 10MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict



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	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1715	50	0	20	3.27	-2.37	-0.00	-2.5 to 2.5	Pass
					3.85	-2.98	-0.00	-2.5 to 2.5	Pass
					4.43	-2.37	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.39	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.35	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.89	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.32	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.67	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.73	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.89	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.23	-0.00	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-2.76	-0.00	-2.5 to 2.5	Pass
					3.85	-2.20	-0.00	-2.5 to 2.5	Pass
					4.43	-1.82	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.37	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.53	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.48	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.49	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.47	-0.00	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.93	-0.00	-2.5 to 2.5	Pass
					3.85	-2.73	-0.00	-2.5 to 2.5	Pass
					4.43	-2.83	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.40	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.27	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.85	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.63	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.42	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.20	-0.00	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-0.34	-0.00	-2.5 to 2.5	Pass
					3.85	-2.47	-0.00	-2.5 to 2.5	Pass
					4.43	-0.72	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.46	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.43	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.19	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.03	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.16	-0.00	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-0.90	-0.00	-2.5 to 2.5	Pass
					3.85	-3.22	-0.00	-2.5 to 2.5	Pass
					4.43	-2.86	-0.00	-2.5 to 2.5	Pass



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				-30	3.85	-0.14	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.53	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.54	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.10	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.76	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-0.34	-0.00	-2.5 to 2.5	Pass
					3.85	-1.52	-0.00	-2.5 to 2.5	Pass
					4.43	-1.97	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.10	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.20	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.86	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.70	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.69	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.73	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.29	-0.00	-2.5 to 2.5	Pass

## 2.5 B66\_15MHz

### 2.5.1 Test Result

Band: 66 / 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	2.53	0.00	-2.5 to 2.5	Pass
					3.85	0.40	0.00	-2.5 to 2.5	Pass
					4.43	1.32	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.79	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.54	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.01	0.00	-2.5 to 2.5	Pass
				0	3.85	0.29	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.62	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.37	0.00	-2.5 to 2.5	Pass
				40	3.85	0.13	0.00	-2.5 to 2.5	Pass
	1745	75	0	50	3.85	0.26	0.00	-2.5 to 2.5	Pass
				20	3.27	-0.86	-0.00	-2.5 to 2.5	Pass
					3.85	-1.32	-0.00	-2.5 to 2.5	Pass
					4.43	-1.24	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.85	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.08	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.25	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.48	-0.00	-2.5 to 2.5	Pass



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	1772.5	75	0	30	3.85	-2.10	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.97	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.33	-0.00	-2.5 to 2.5	Pass
				20	3.27	2.93	0.00	-2.5 to 2.5	Pass
					3.85	2.40	0.00	-2.5 to 2.5	Pass
					4.43	2.89	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.36	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.47	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.07	0.00	-2.5 to 2.5	Pass
				0	3.85	2.62	0.00	-2.5 to 2.5	Pass
				10	3.85	2.12	0.00	-2.5 to 2.5	Pass
				30	3.85	1.27	0.00	-2.5 to 2.5	Pass
				40	3.85	0.07	0.00	-2.5 to 2.5	Pass
				50	3.85	2.73	0.00	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.29	0.00	-2.5 to 2.5	Pass
					3.85	-0.82	-0.00	-2.5 to 2.5	Pass
					4.43	1.16	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.54	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.27	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.62	0.00	-2.5 to 2.5	Pass
				0	3.85	0.99	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.73	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.80	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.07	0.00	-2.5 to 2.5	Pass
				50	3.85	-0.03	0.00	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.06	-0.00	-2.5 to 2.5	Pass
					3.85	-2.86	-0.00	-2.5 to 2.5	Pass
					4.43	-3.03	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.60	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.40	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.73	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.96	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	3.29	0.00	-2.5 to 2.5	Pass
					3.85	2.20	0.00	-2.5 to 2.5	Pass
					4.43	1.54	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.75	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.49	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.37	0.00	-2.5 to 2.5	Pass
				0	3.85	1.96	0.00	-2.5 to 2.5	Pass
				10	3.85	1.50	0.00	-2.5 to 2.5	Pass
				30	3.85	0.51	0.00	-2.5 to 2.5	Pass
				40	3.85	1.76	0.00	-2.5 to 2.5	Pass
				50	3.85	2.25	0.00	-2.5 to 2.5	Pass



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## 2.6 B66\_20MHz

### 2.6.1 Test Result

Band: 66 / 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	1.56	0.00	-2.5 to 2.5	Pass
					3.85	1.19	0.00	-2.5 to 2.5	Pass
					4.43	1.23	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.40	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.73	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.53	0.00	-2.5 to 2.5	Pass
				0	3.85	2.03	0.00	-2.5 to 2.5	Pass
				10	3.85	1.75	0.00	-2.5 to 2.5	Pass
				30	3.85	1.87	0.00	-2.5 to 2.5	Pass
				40	3.85	1.37	0.00	-2.5 to 2.5	Pass
				50	3.85	2.13	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.26	-0.00	-2.5 to 2.5	Pass
					3.85	-3.36	-0.00	-2.5 to 2.5	Pass
					4.43	-2.45	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.13	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.18	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.88	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.80	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.90	-0.00	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-0.60	-0.00	-2.5 to 2.5	Pass
					3.85	1.77	0.00	-2.5 to 2.5	Pass
					4.43	0.60	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.95	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.69	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.19	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.04	0.00	-2.5 to 2.5	Pass
				10	3.85	2.43	0.00	-2.5 to 2.5	Pass
				30	3.85	1.52	0.00	-2.5 to 2.5	Pass
				40	3.85	1.95	0.00	-2.5 to 2.5	Pass
				50	3.85	1.42	0.00	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	1.20	0.00	-2.5 to 2.5	Pass
					3.85	1.26	0.00	-2.5 to 2.5	Pass
					4.43	1.87	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.32	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.20	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.44	0.00	-2.5 to 2.5	Pass
				0	3.85	0.97	0.00	-2.5 to 2.5	Pass



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				10	3.85	2.32	0.00	-2.5 to 2.5	Pass
				30	3.85	1.86	0.00	-2.5 to 2.5	Pass
				40	3.85	1.30	0.00	-2.5 to 2.5	Pass
				50	3.85	2.10	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.09	-0.00	-2.5 to 2.5	Pass
					3.85	-1.57	-0.00	-2.5 to 2.5	Pass
					4.43	-2.86	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.63	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.46	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.86	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.99	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.06	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.43	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.86	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.75	-0.00	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-0.04	0.00	-2.5 to 2.5	Pass
					3.85	0.30	0.00	-2.5 to 2.5	Pass
					4.43	0.16	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.23	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.36	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.09	0.00	-2.5 to 2.5	Pass
				0	3.85	0.47	0.00	-2.5 to 2.5	Pass
				10	3.85	0.19	0.00	-2.5 to 2.5	Pass
				30	3.85	0.03	0.00	-2.5 to 2.5	Pass
				40	3.85	0.36	0.00	-2.5 to 2.5	Pass
				50	3.85	1.19	0.00	-2.5 to 2.5	Pass

### 3. Modulation Characteristics

#### 3.1 B66\_1.4MHz

##### 3.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass



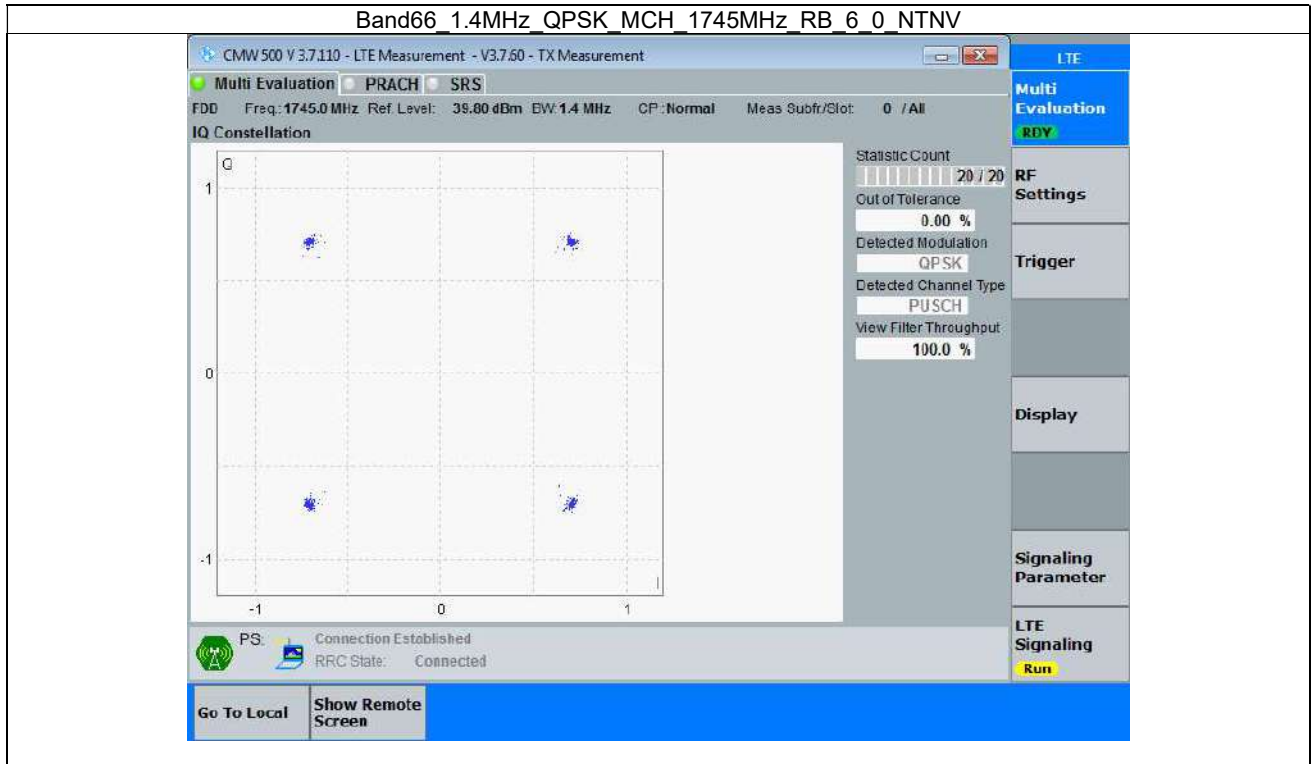
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### 3.1.2 Test Graph

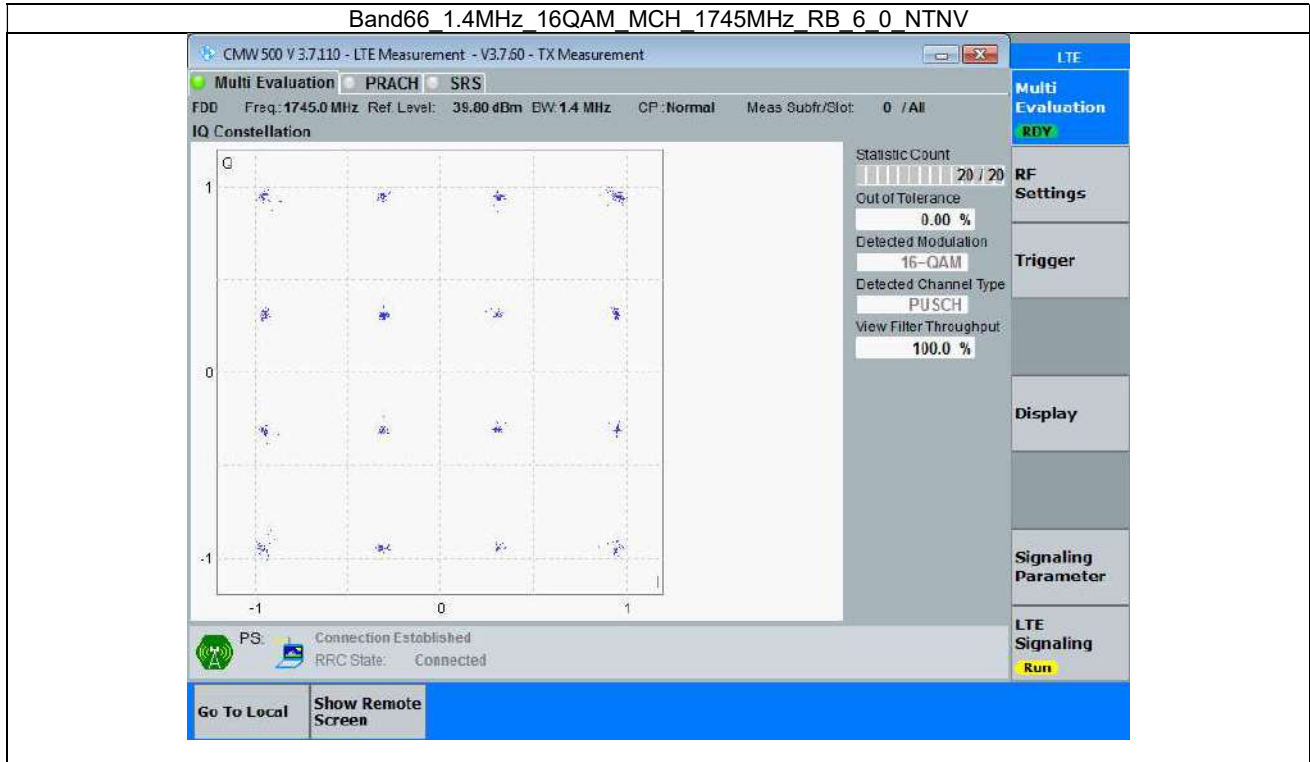


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## 3.2 B66\_3MHz

### 3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass



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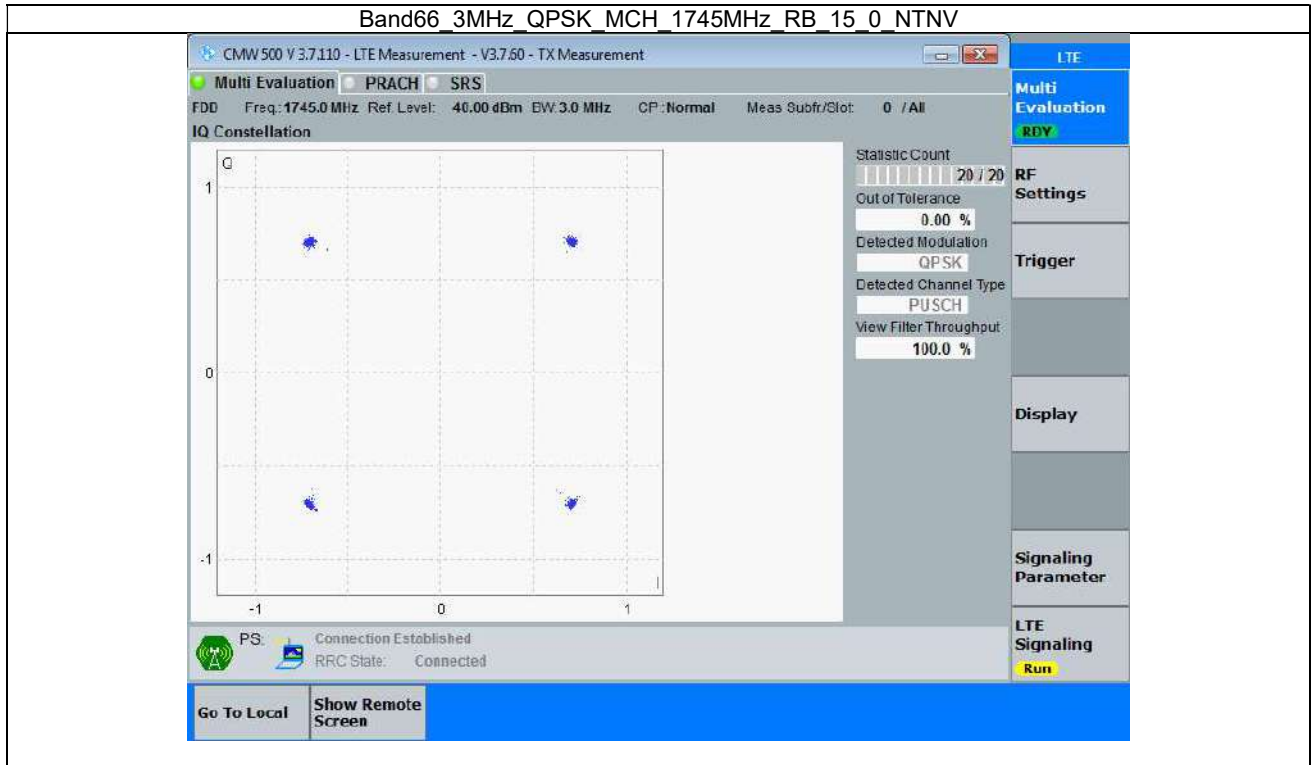
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### 3.2.2 Test Graph

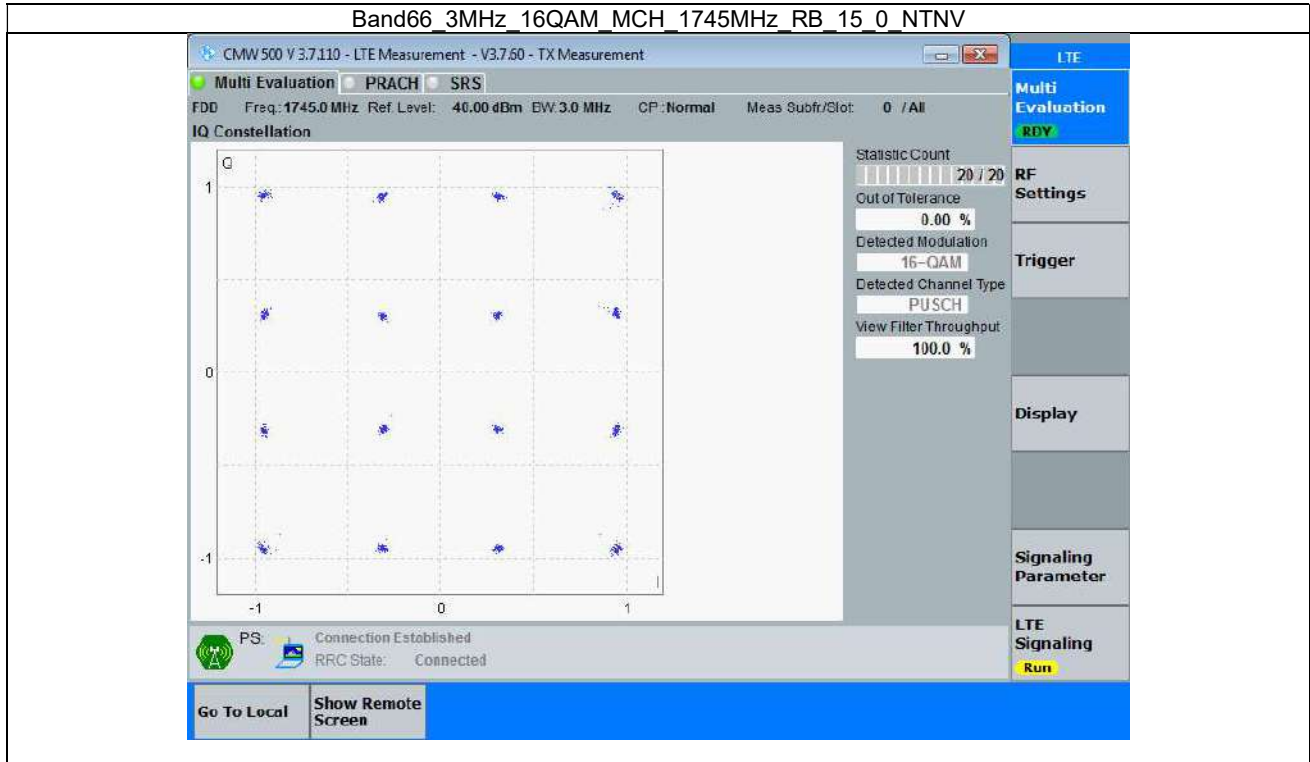


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### 3.3 B66\_5MHz

#### 3.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass



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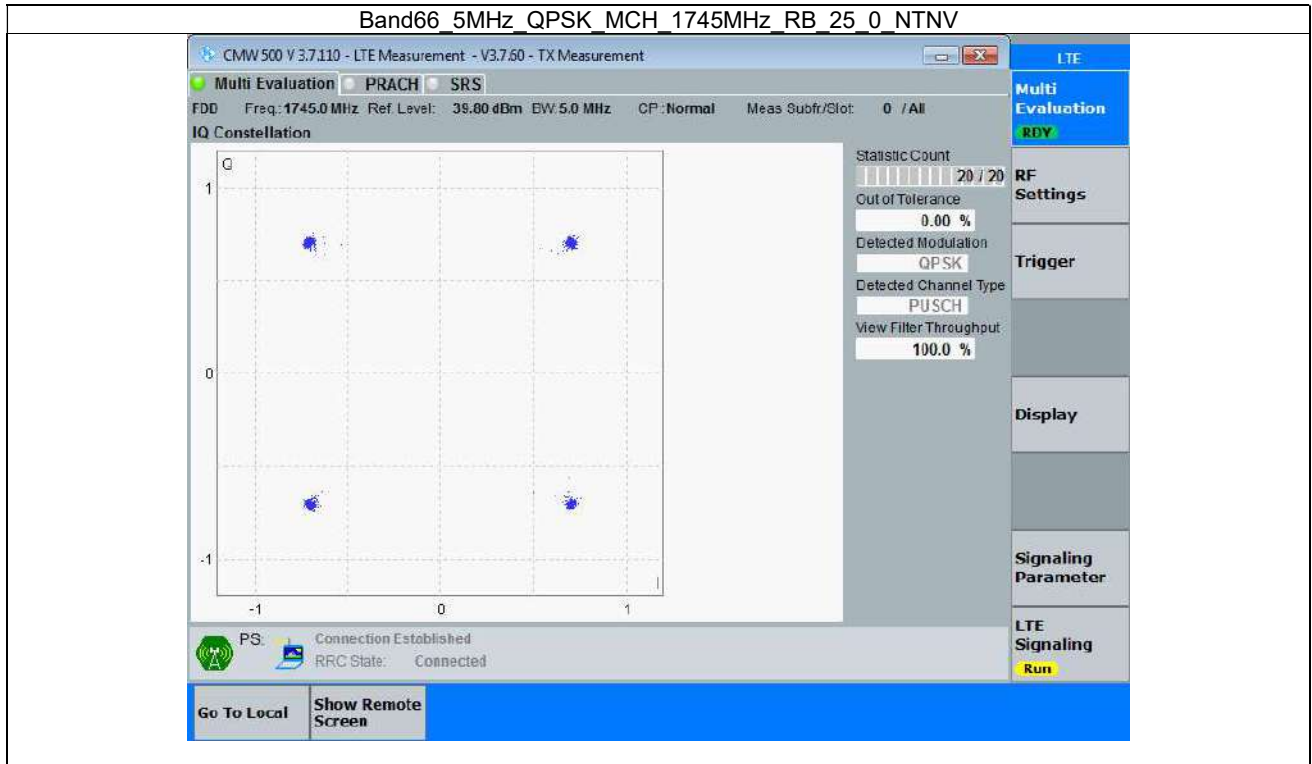
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### 3.3.2 Test Graph



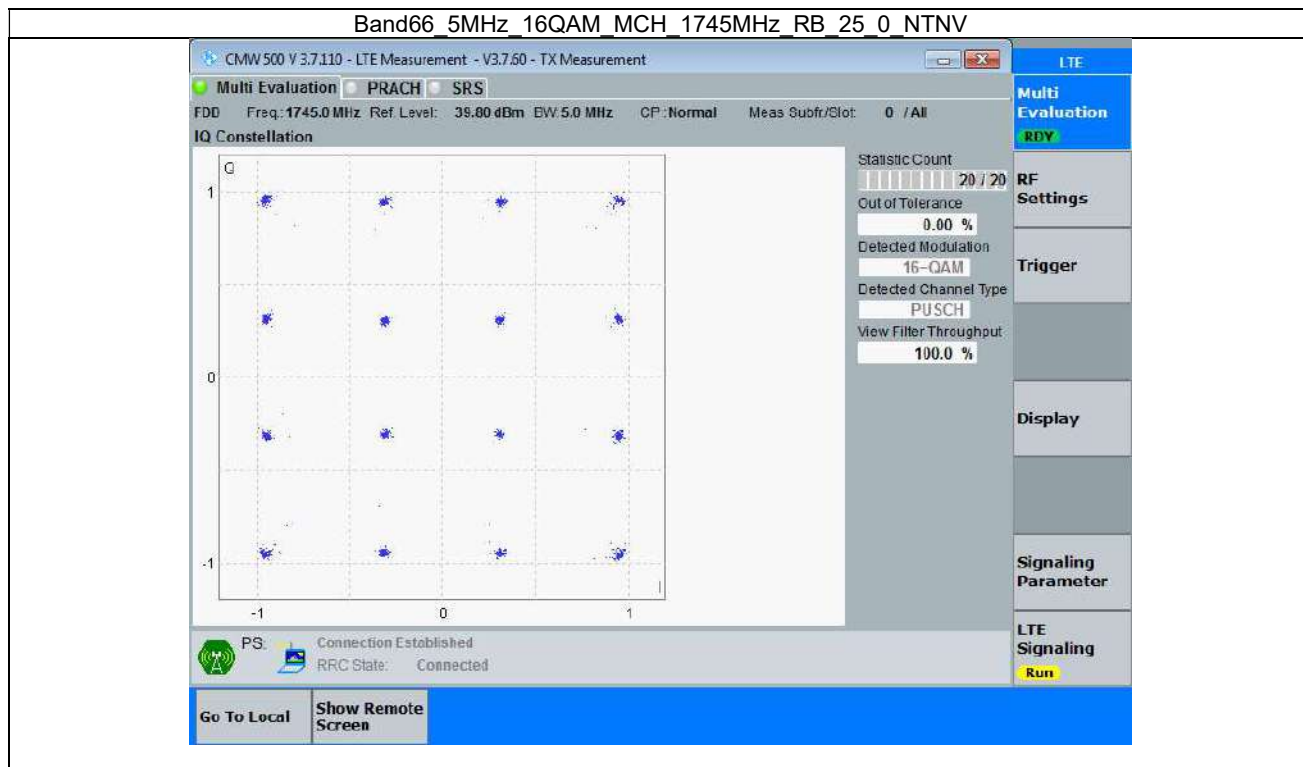
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### 3.4 B66\_10MHz

#### 3.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass



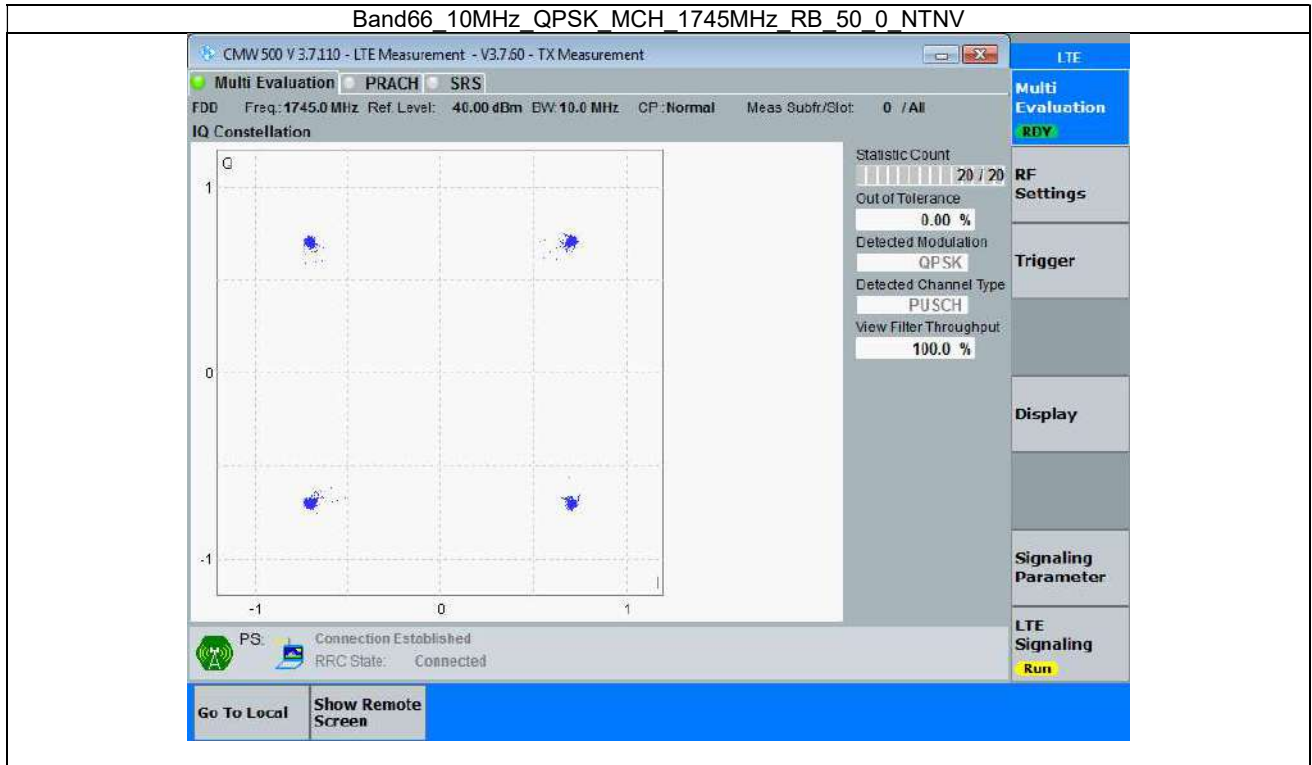
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### 3.4.2 Test Graph

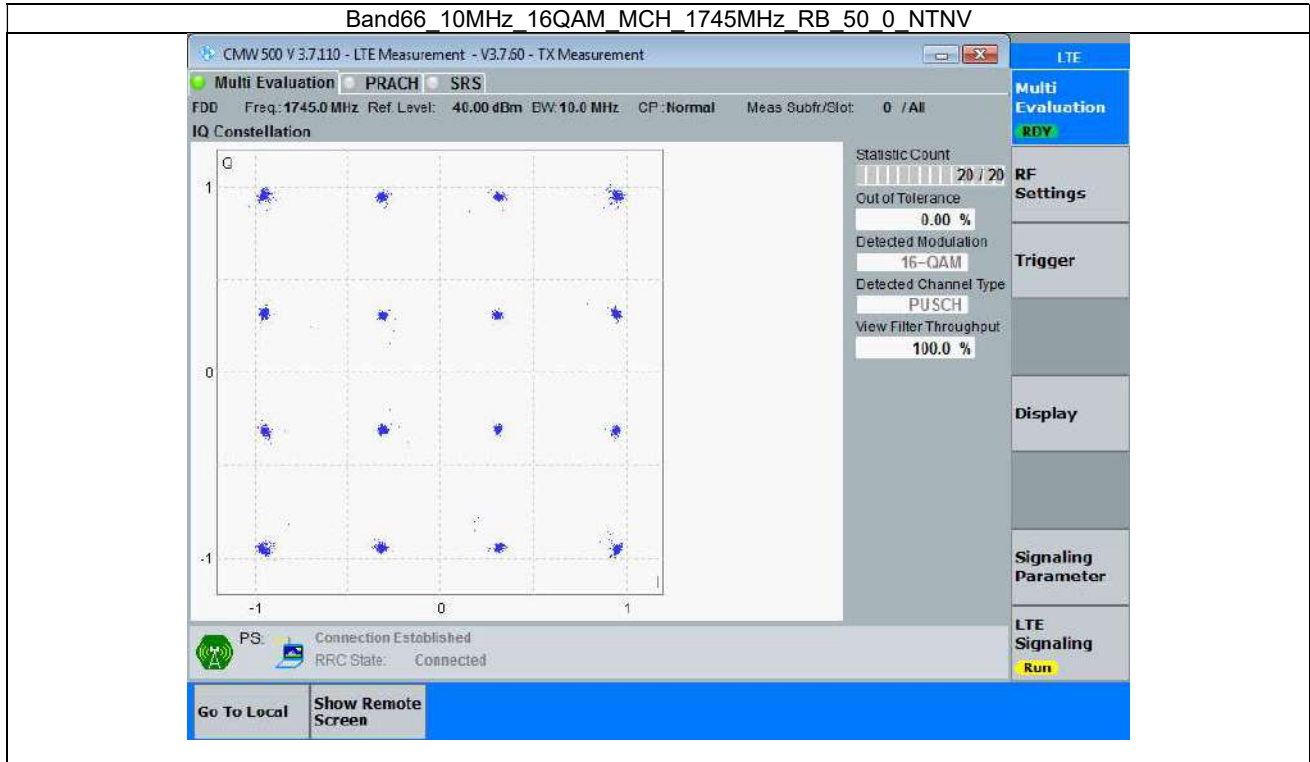


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### 3.5 B66\_15MHz

#### 3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass



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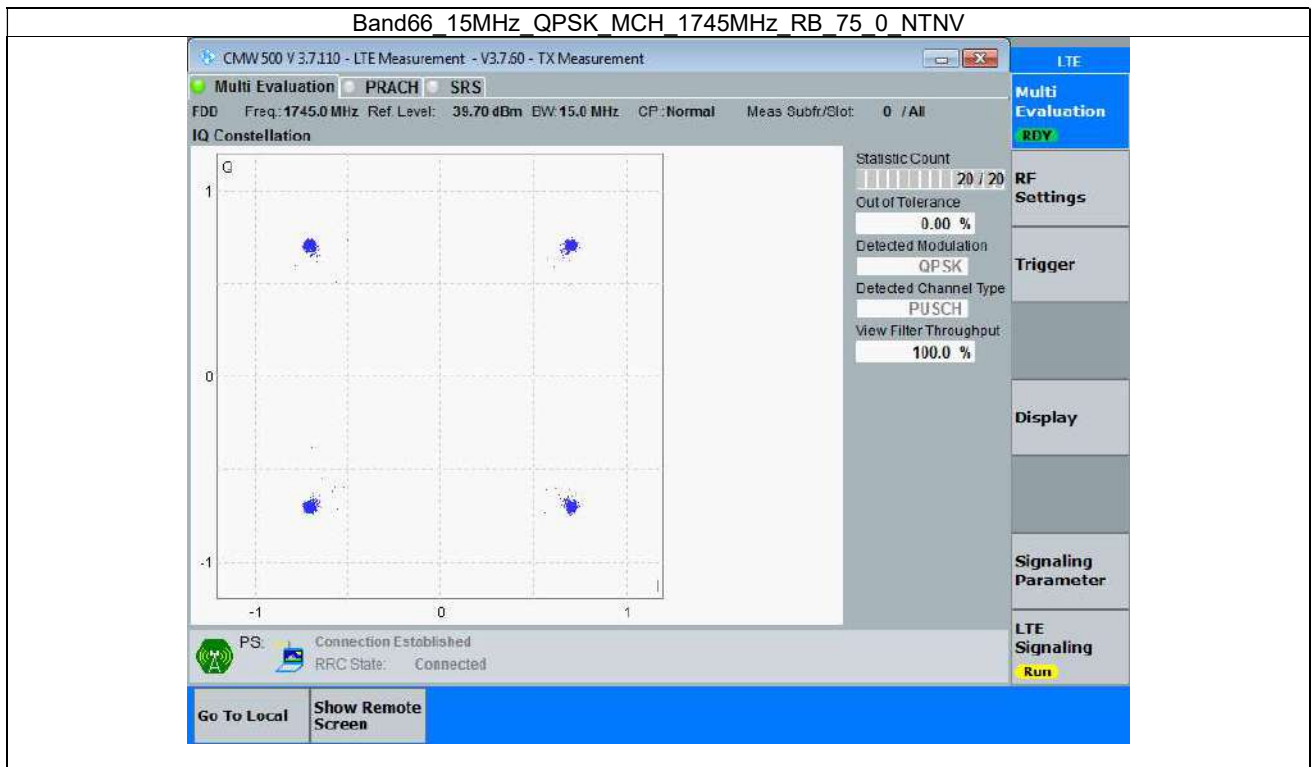
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### 3.5.2 Test Graph

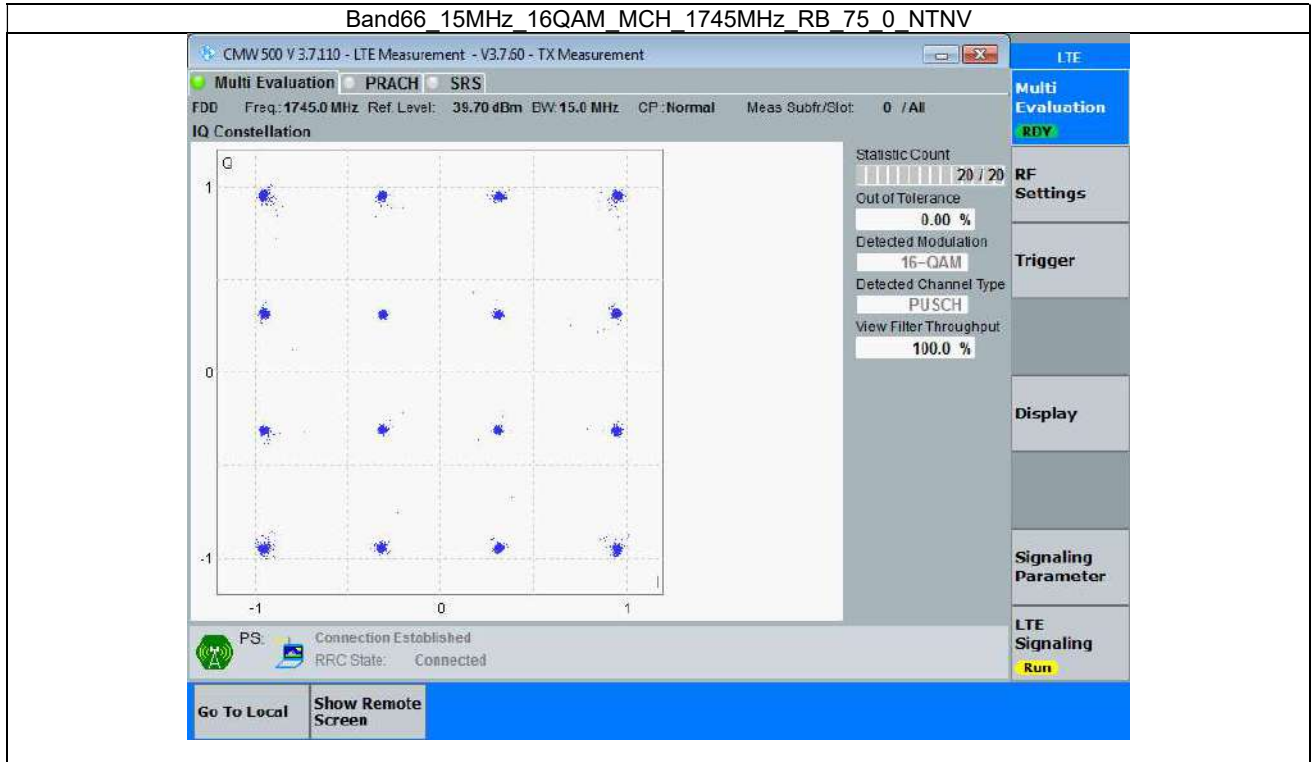


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### 3.6 B66\_20MHz

#### 3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass



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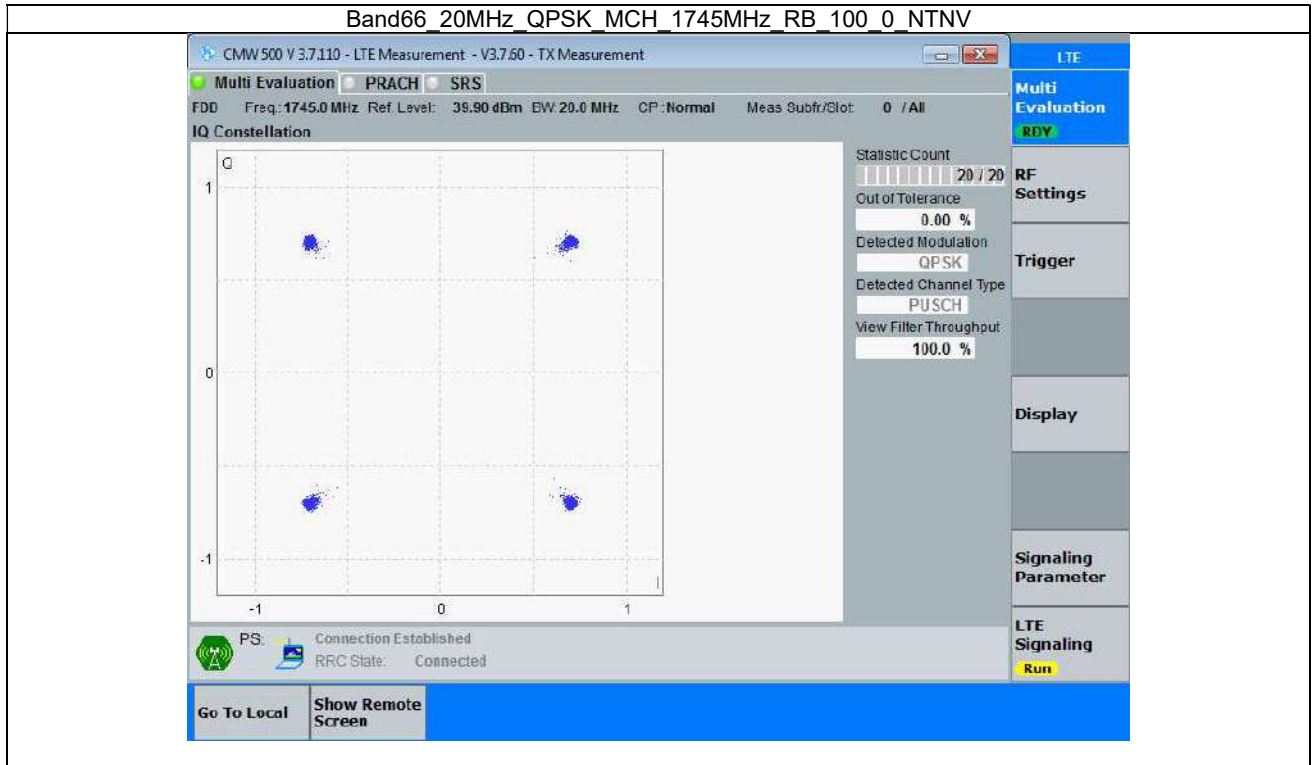
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### 3.6.2 Test Graph

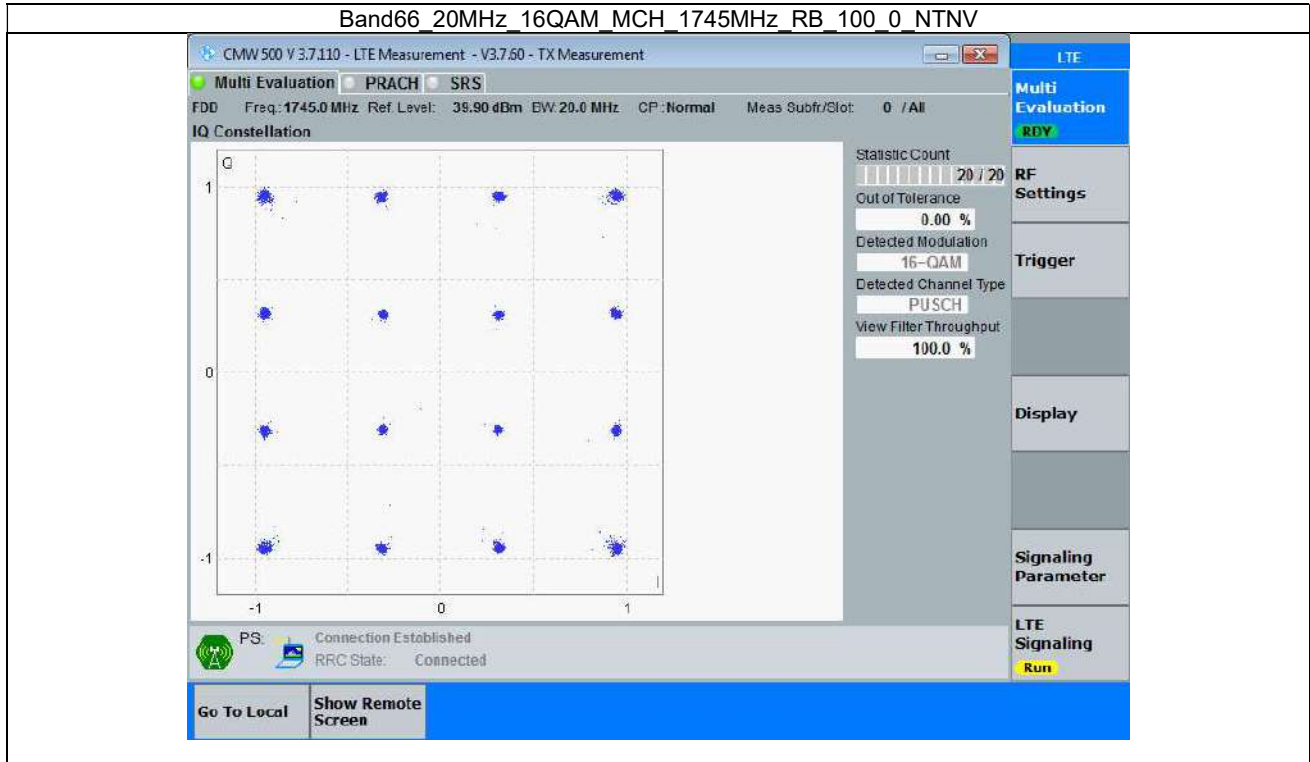


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## 4. 99% & 26dB Bandwidth

### 4.1 Band66\_OBW

#### 4.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.123	Pass
		1745	6	0	1.114	Pass
		1779.3	6	0	1.121	Pass
	16QAM	1710.7	6	0	1.113	Pass
		1745	6	0	1.115	Pass
		1779.3	6	0	1.113	Pass
3	QPSK	1711.5	15	0	2.744	Pass
		1745	15	0	2.757	Pass
		1778.5	15	0	2.737	Pass
	16QAM	1711.5	15	0	2.738	Pass
		1745	15	0	2.738	Pass
		1778.5	15	0	2.736	Pass
5	QPSK	1712.5	25	0	4.542	Pass
		1745	25	0	4.540	Pass
		1777.5	25	0	4.560	Pass
	16QAM	1712.5	25	0	4.579	Pass
		1745	25	0	4.560	Pass
		1777.5	25	0	4.545	Pass
10	QPSK	1715	50	0	9.056	Pass
		1745	50	0	9.041	Pass
		1775	50	0	9.053	Pass
	16QAM	1715	50	0	9.024	Pass
		1745	50	0	9.039	Pass
		1775	50	0	9.027	Pass
15	QPSK	1717.5	75	0	13.577	Pass
		1745	75	0	13.552	Pass
		1772.5	75	0	13.593	Pass
	16QAM	1717.5	75	0	13.572	Pass
		1745	75	0	13.594	Pass
		1772.5	75	0	13.536	Pass
20	QPSK	1720	100	0	18.073	Pass
		1745	100	0	18.073	Pass
		1770	100	0	18.024	Pass
	16QAM	1720	100	0	18.060	Pass
		1745	100	0	18.069	Pass
		1770	100	0	18.104	Pass



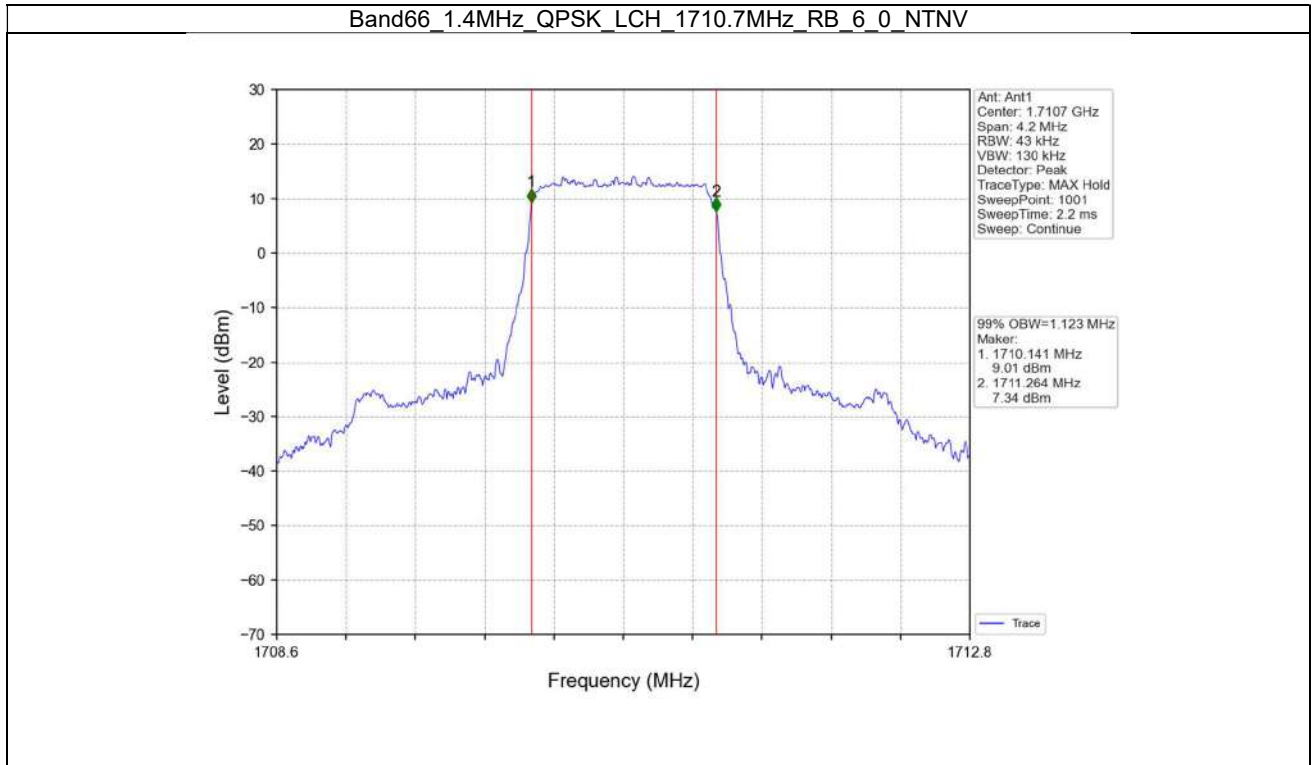
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#### 4.1.2 Test Graph



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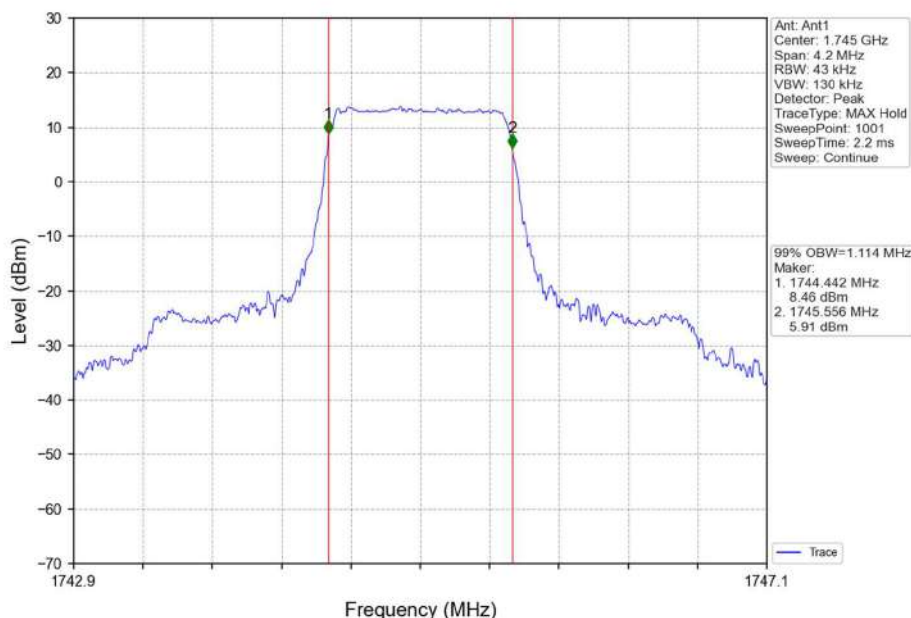
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Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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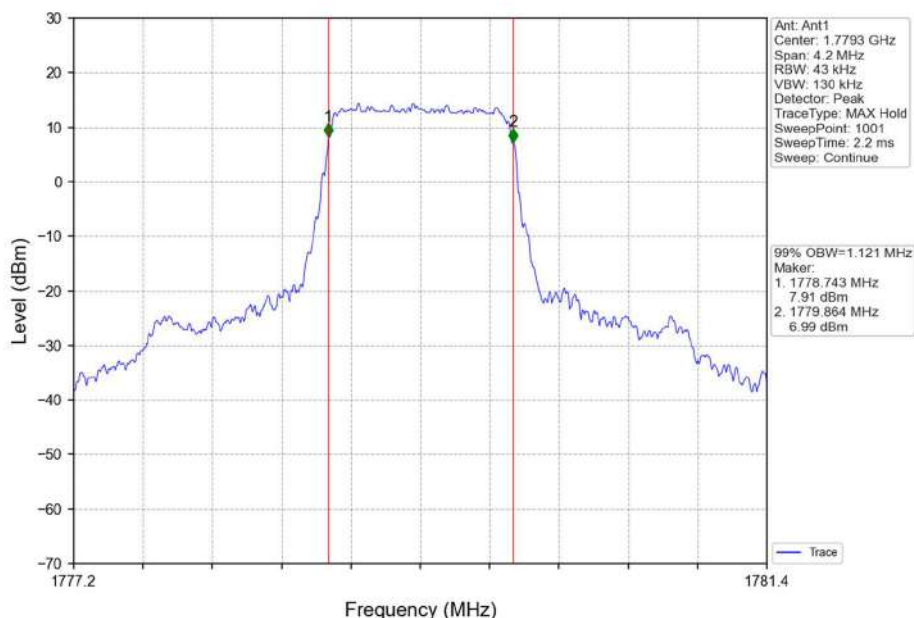
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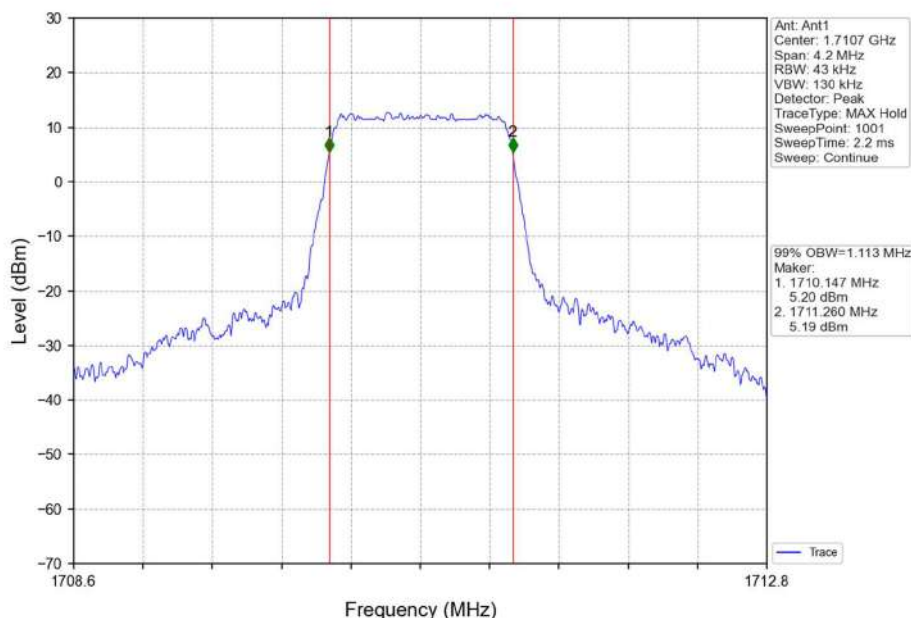
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Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



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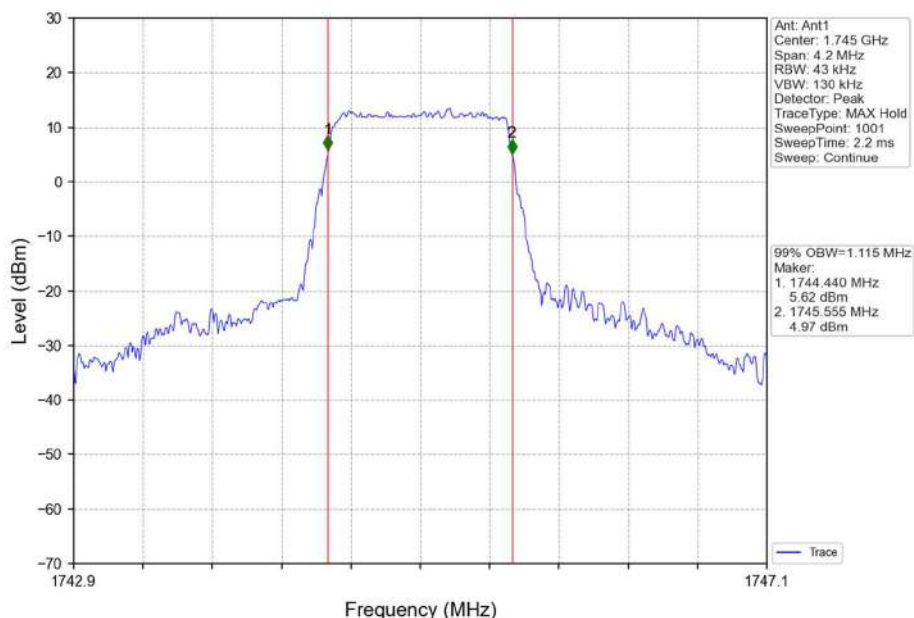
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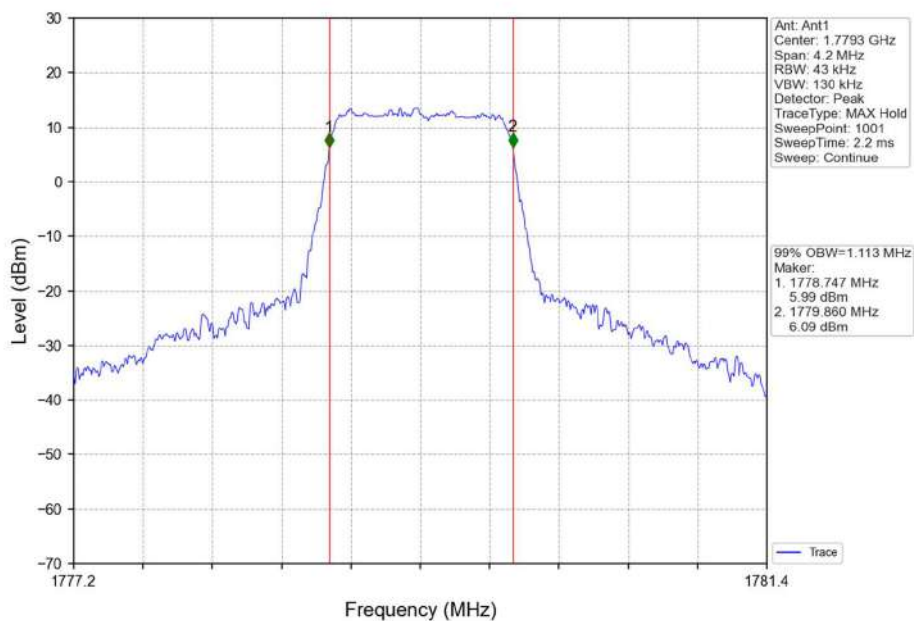


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Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



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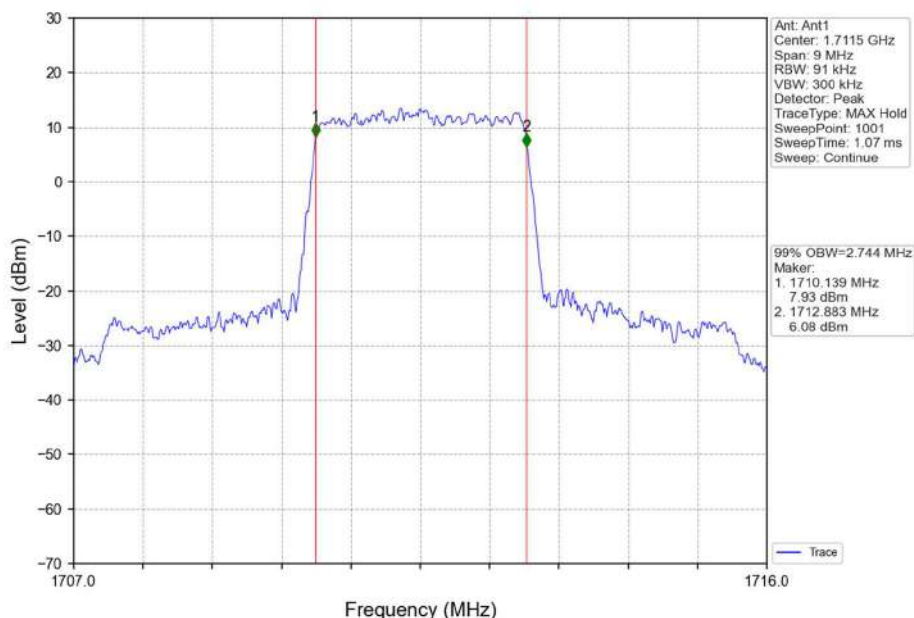
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Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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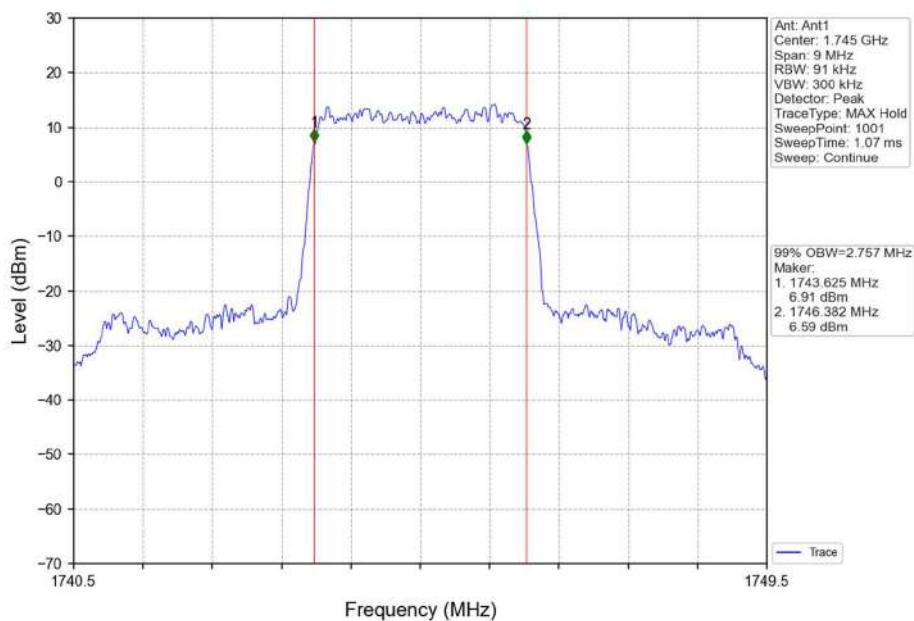
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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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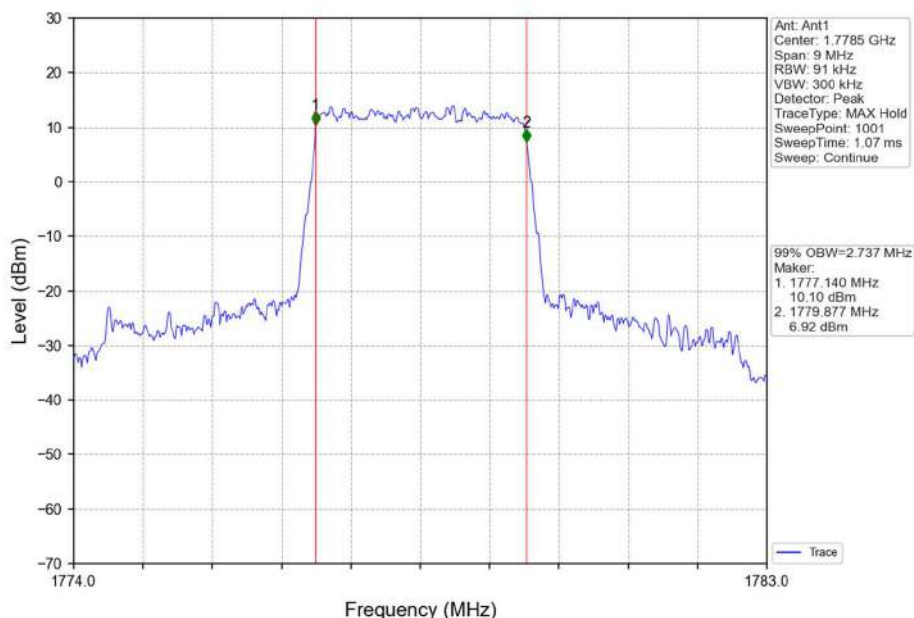
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Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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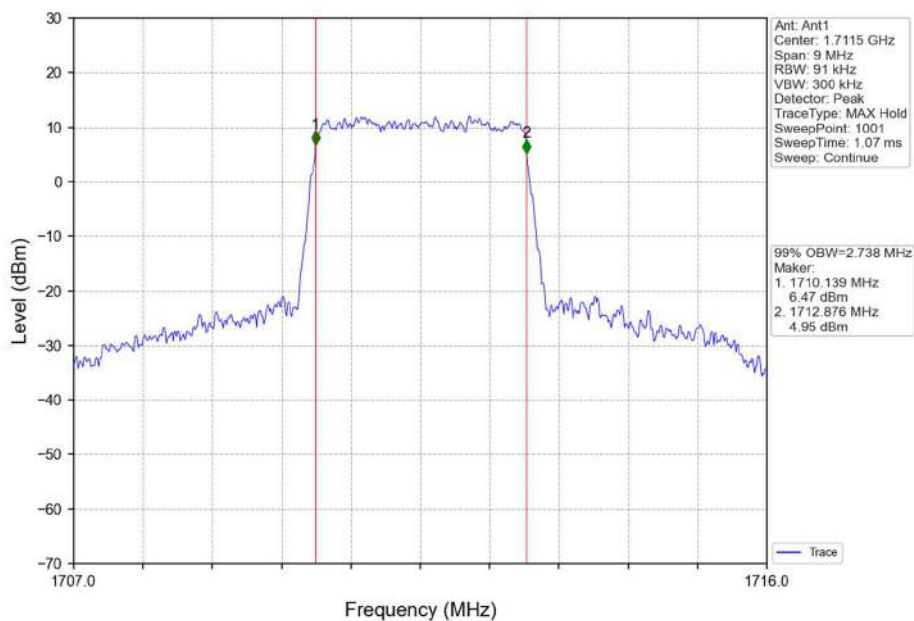
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Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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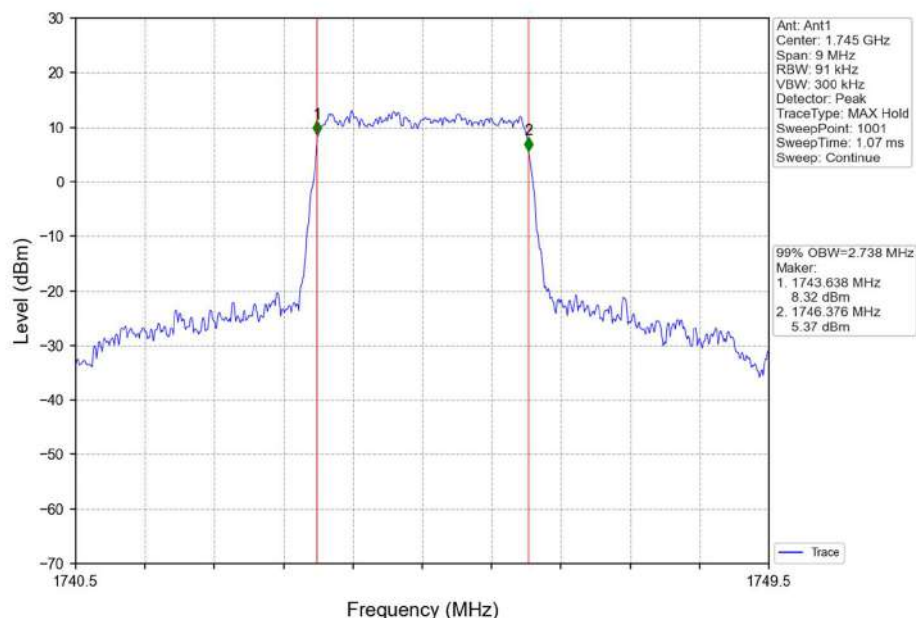
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Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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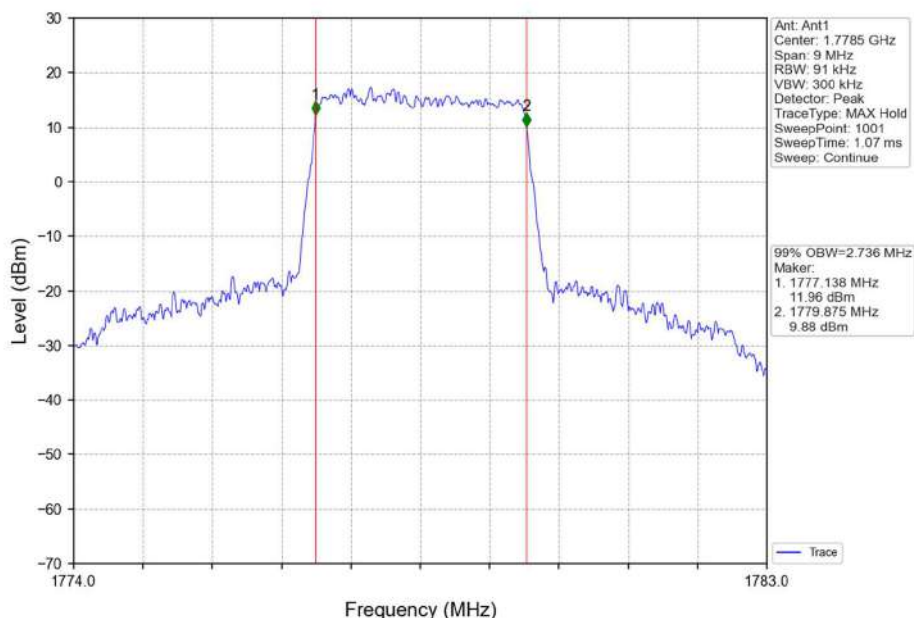
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Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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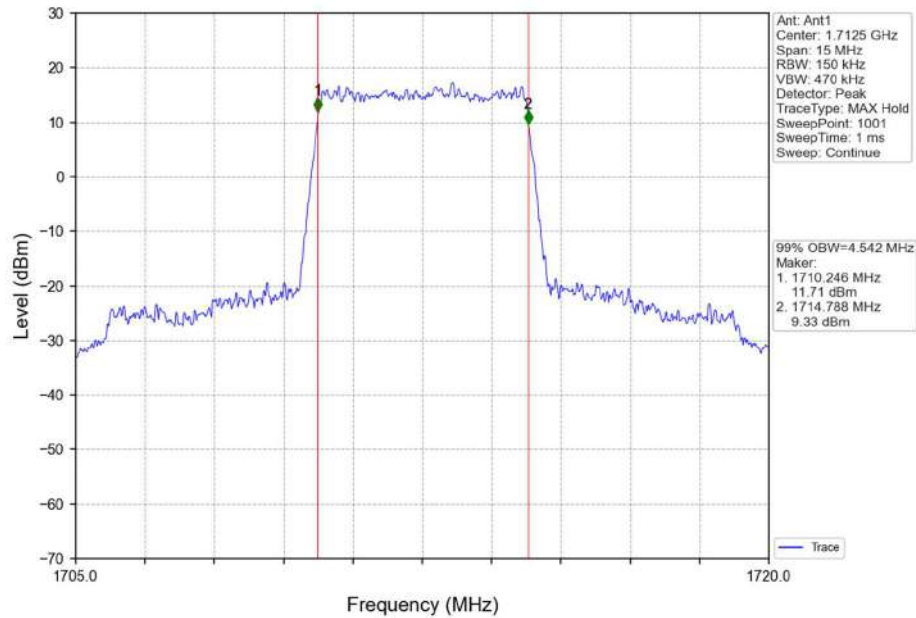
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Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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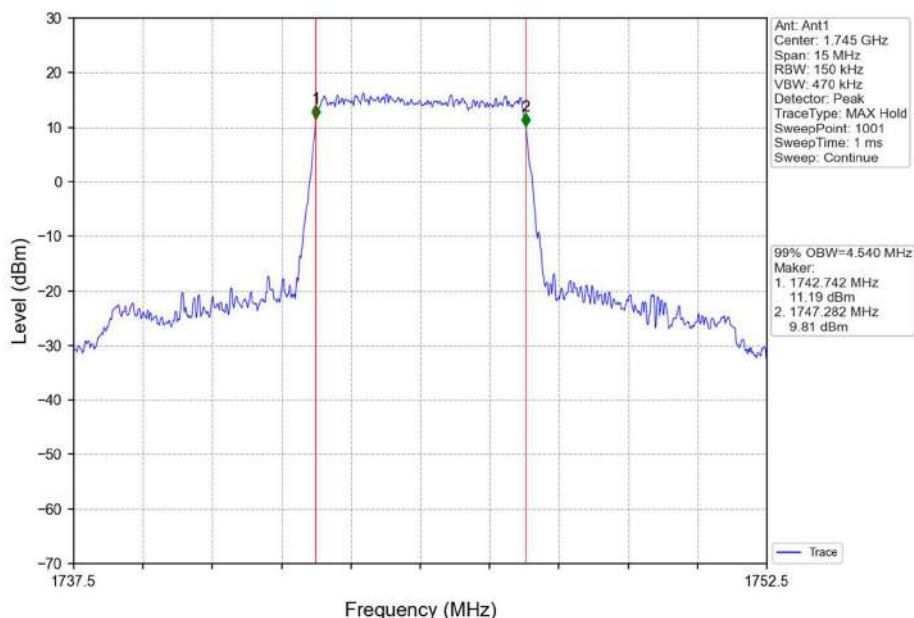
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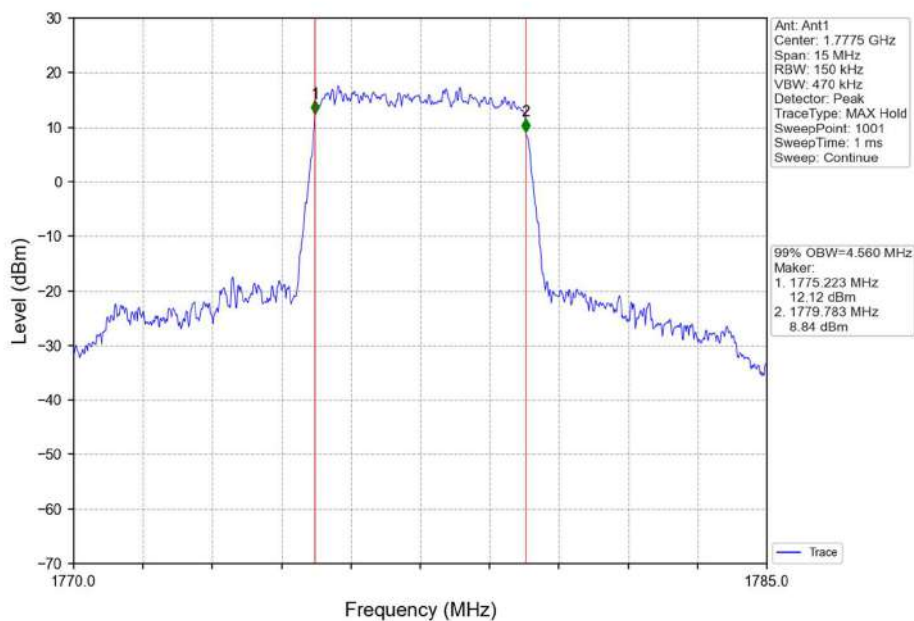
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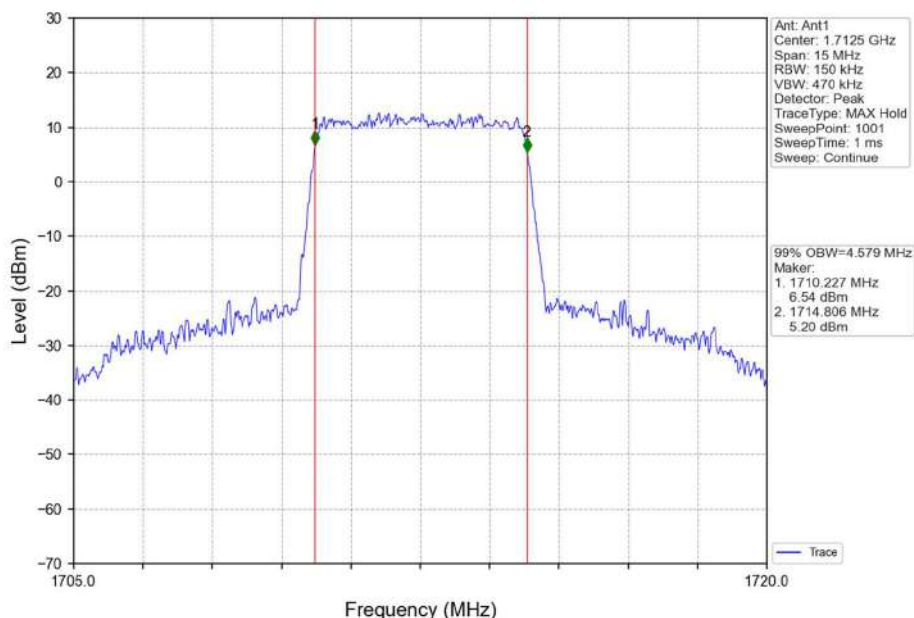
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Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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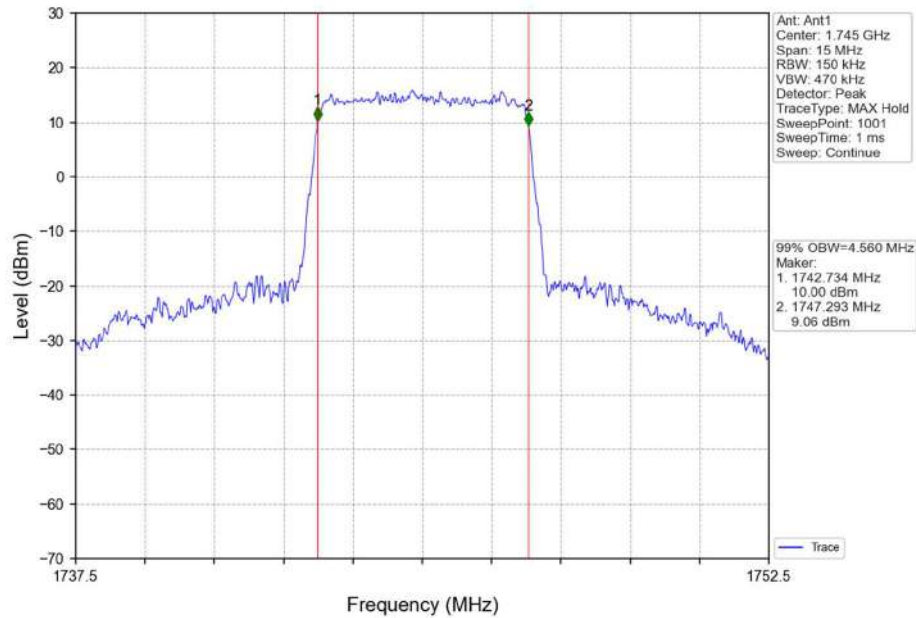
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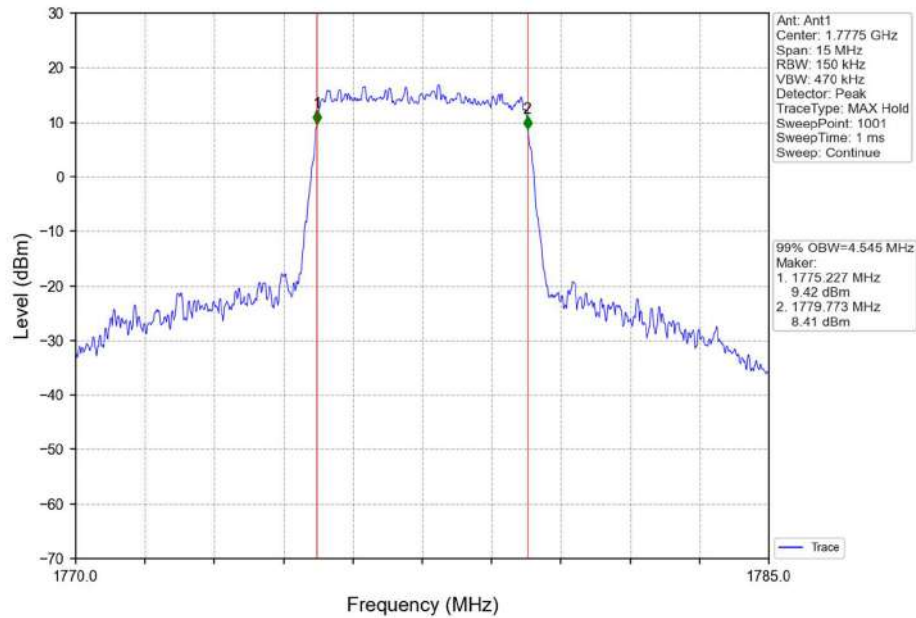
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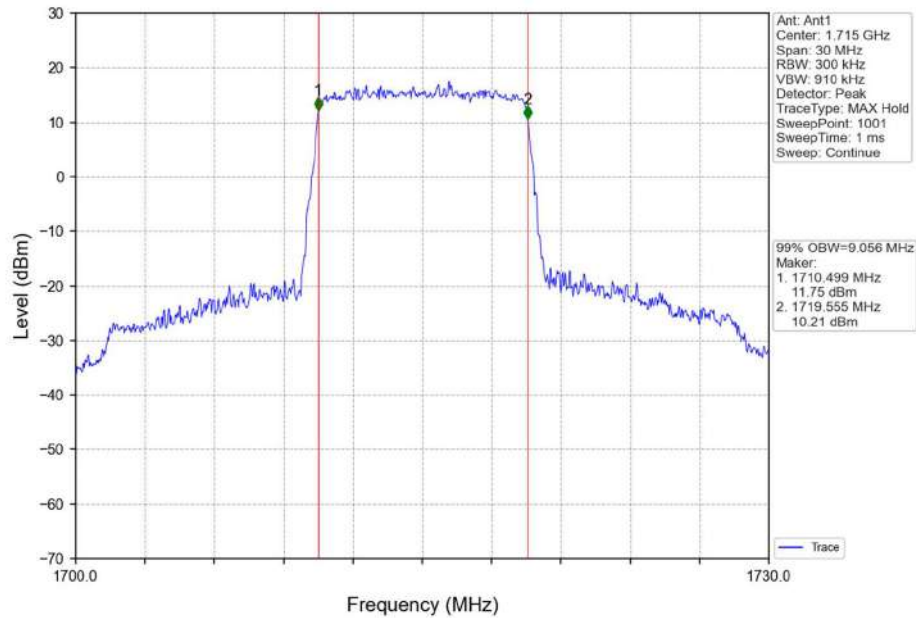
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Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



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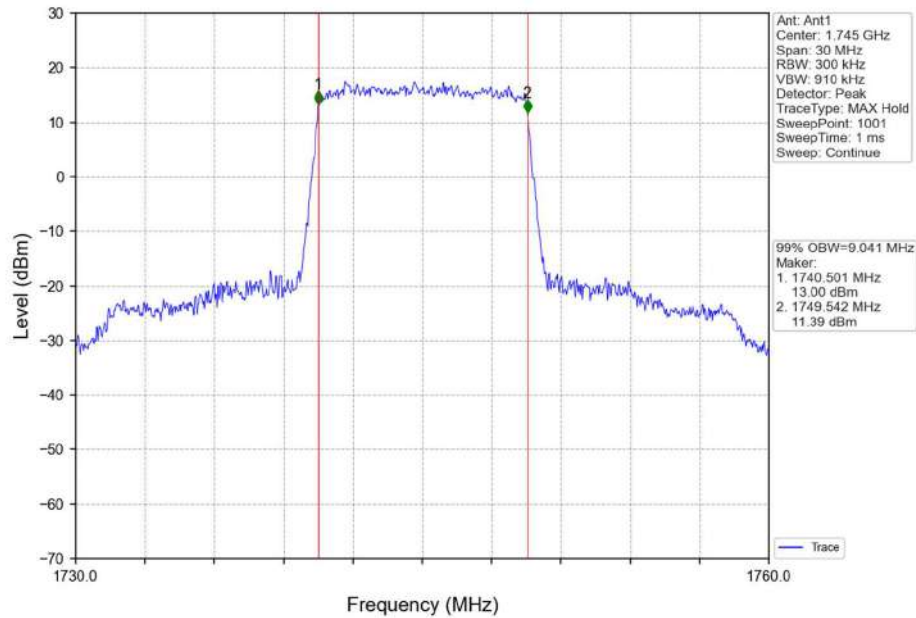
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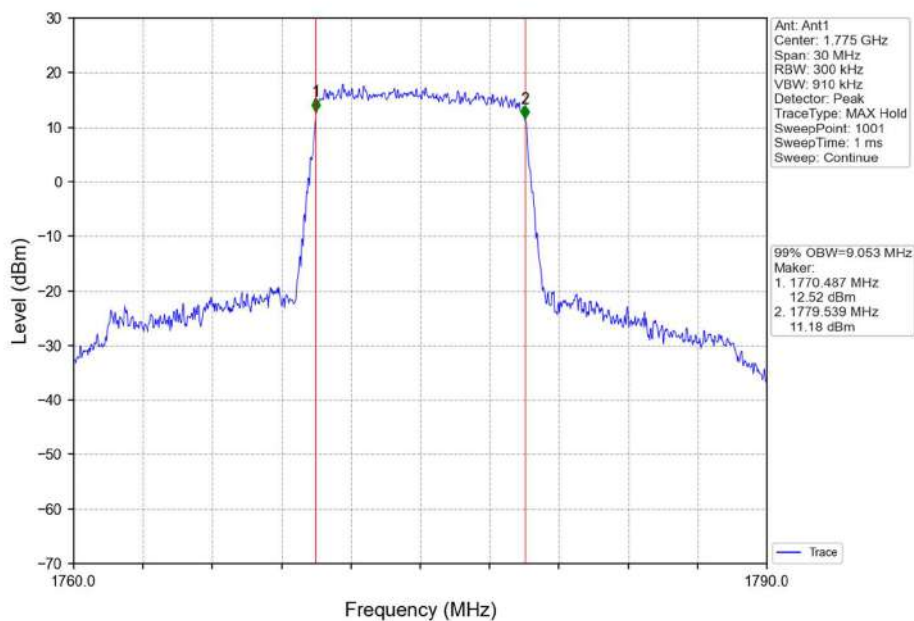
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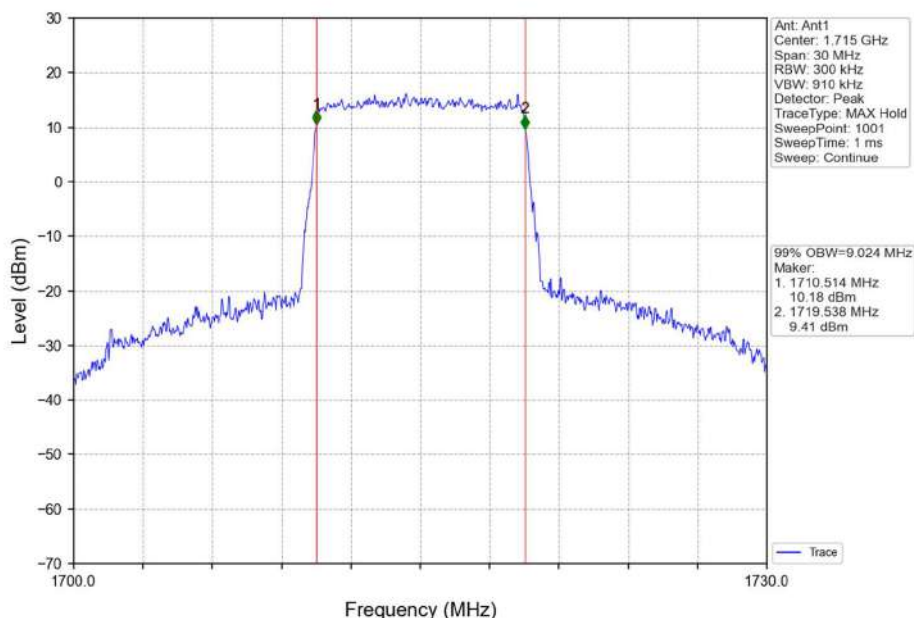
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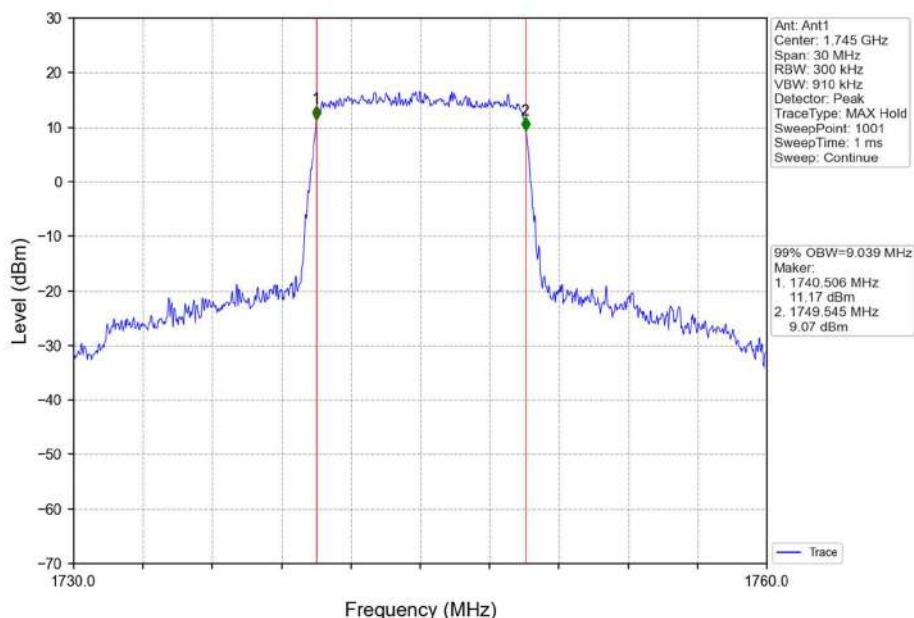
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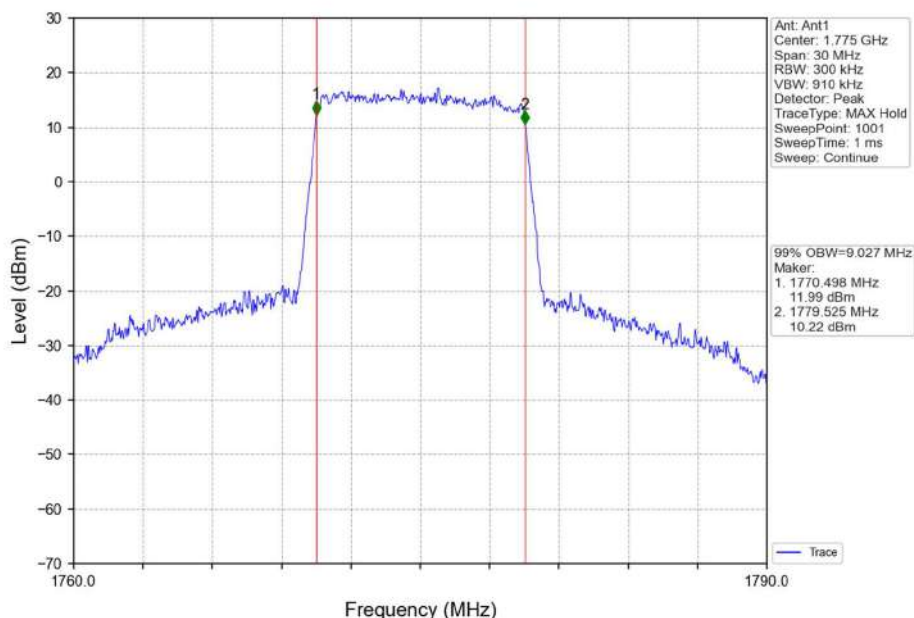
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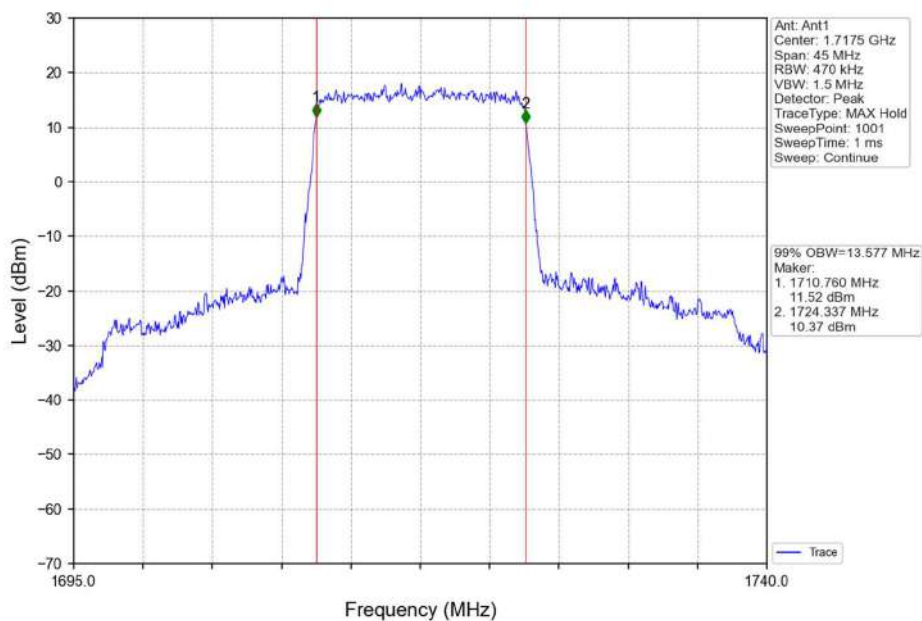
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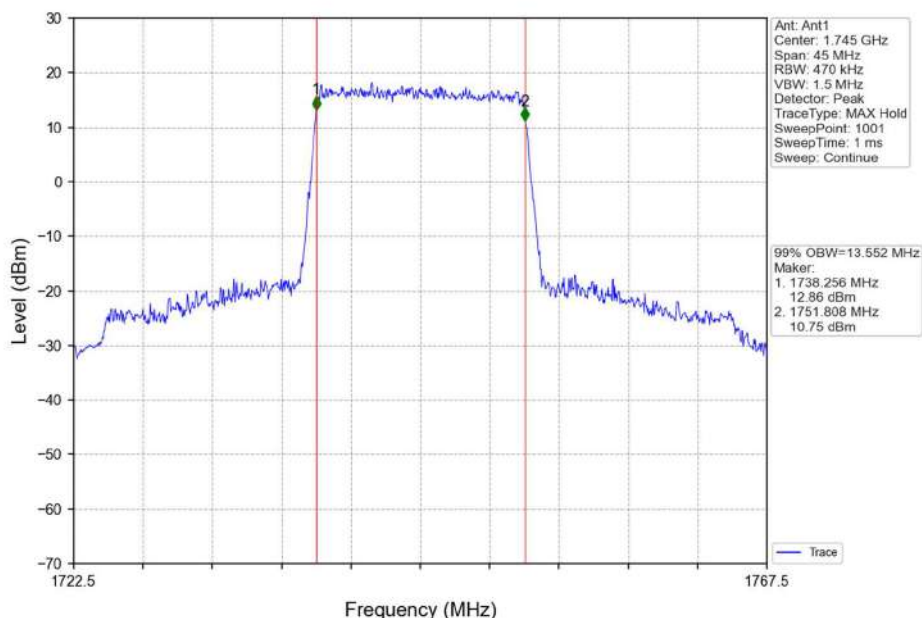
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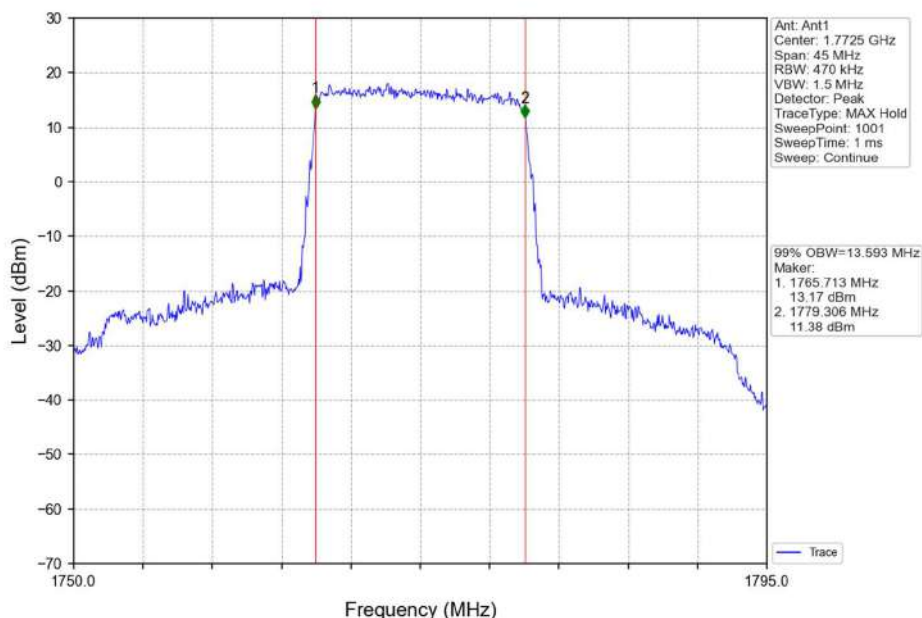
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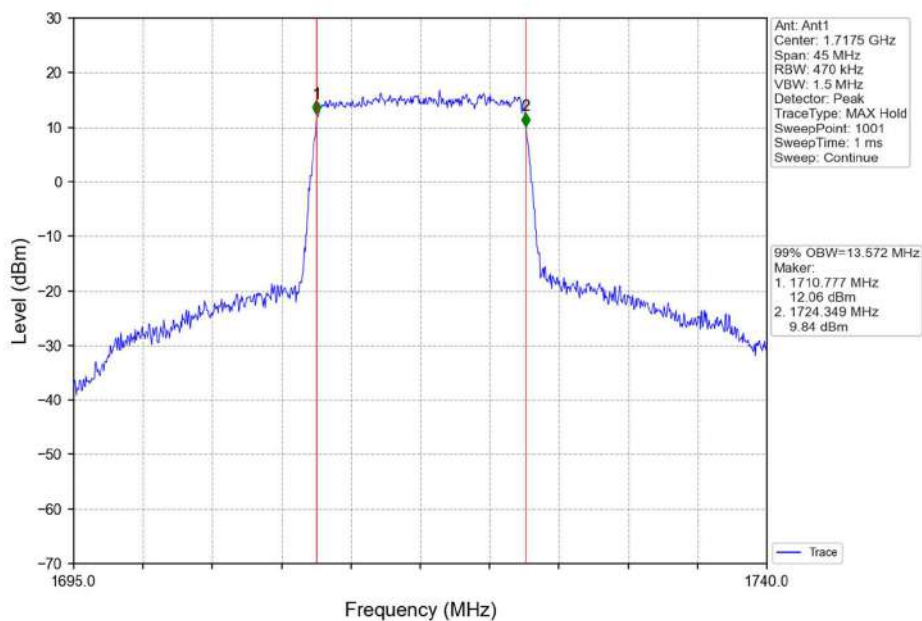
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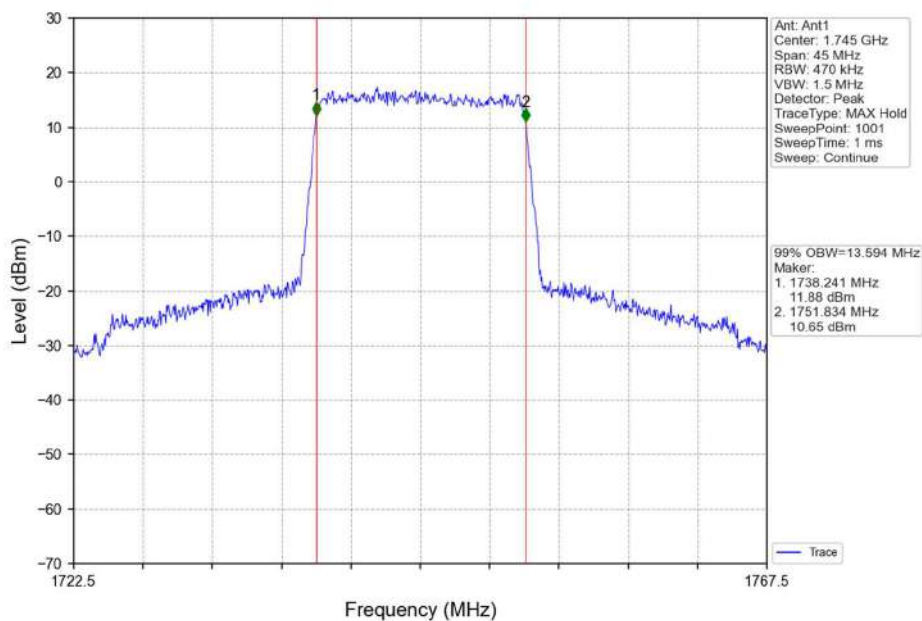
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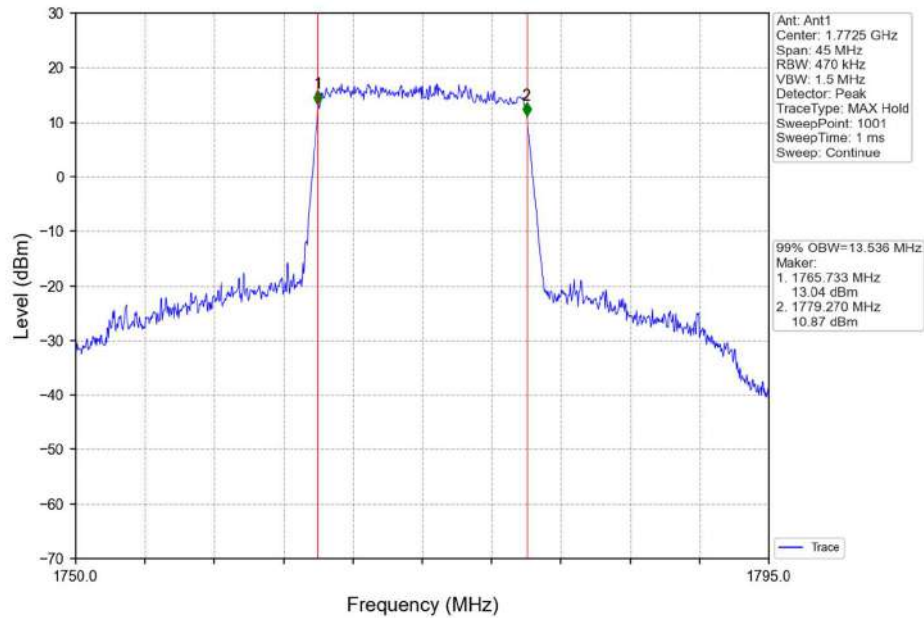
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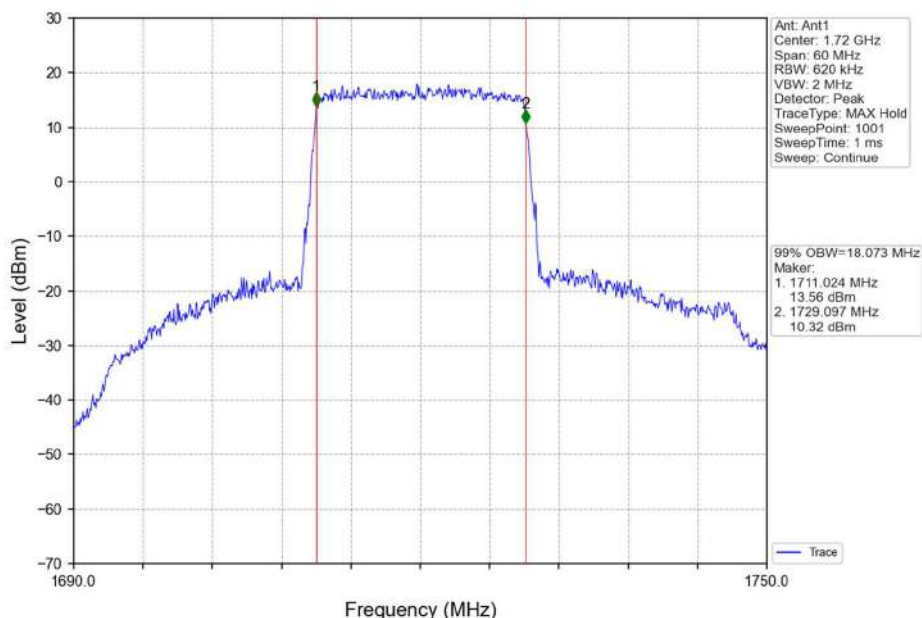
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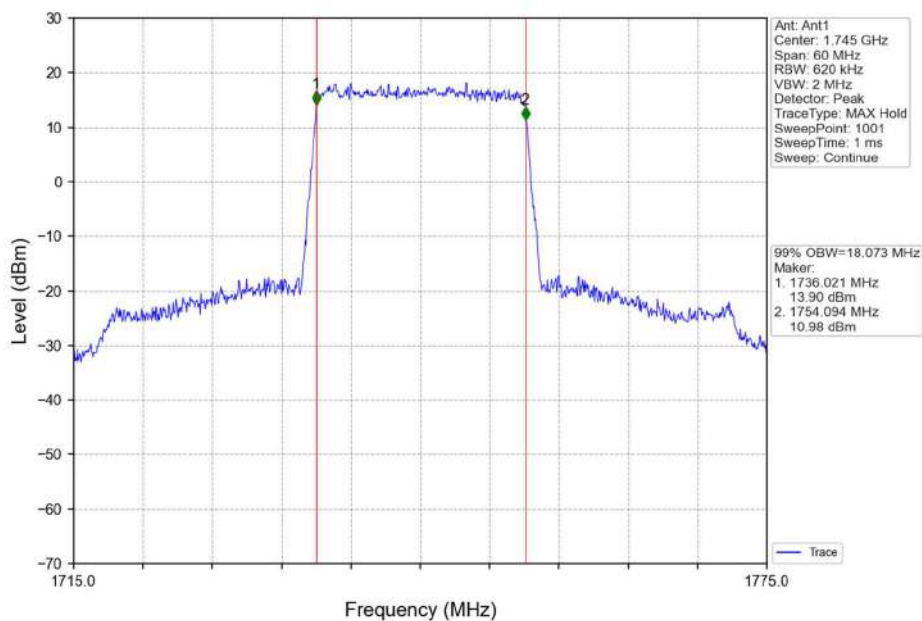
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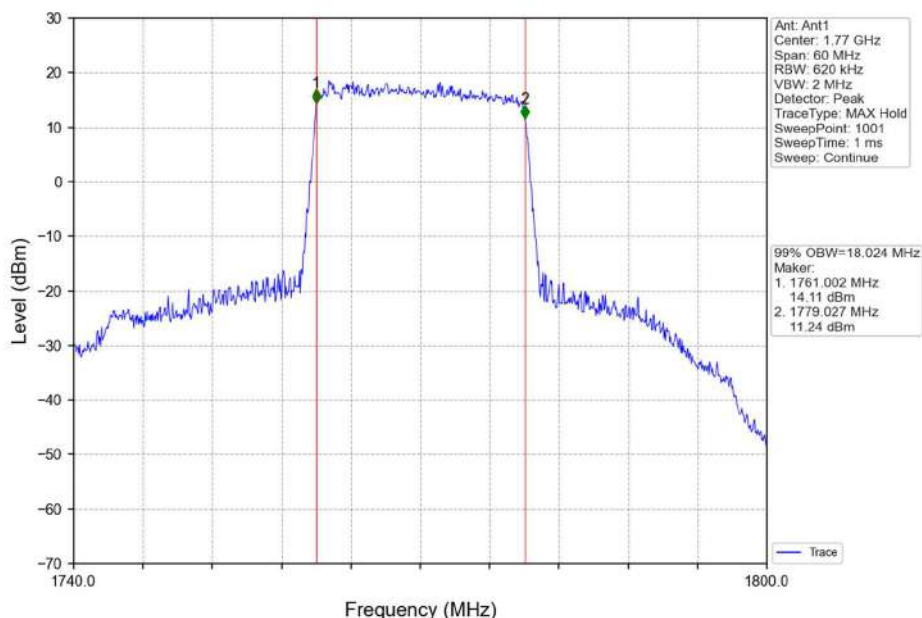
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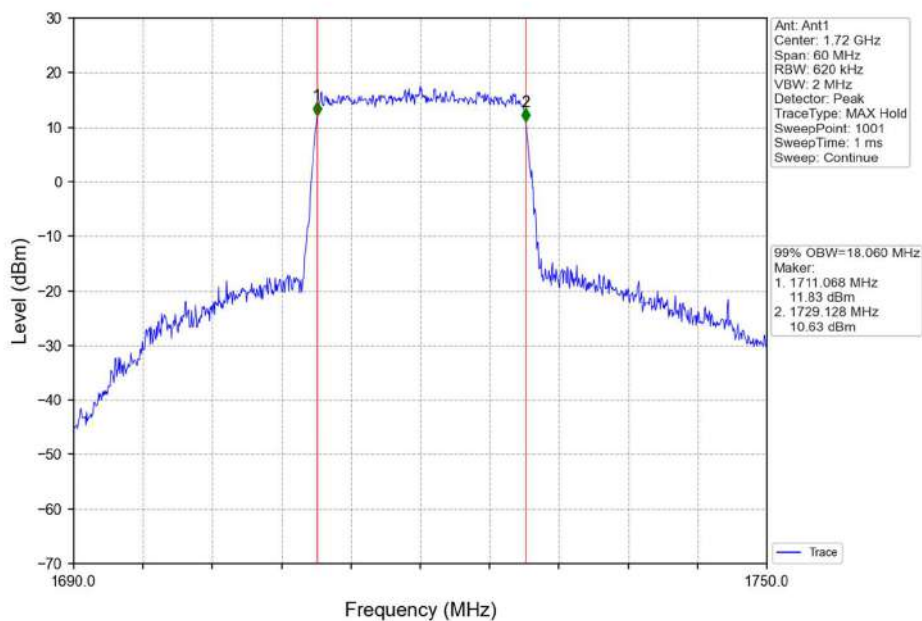
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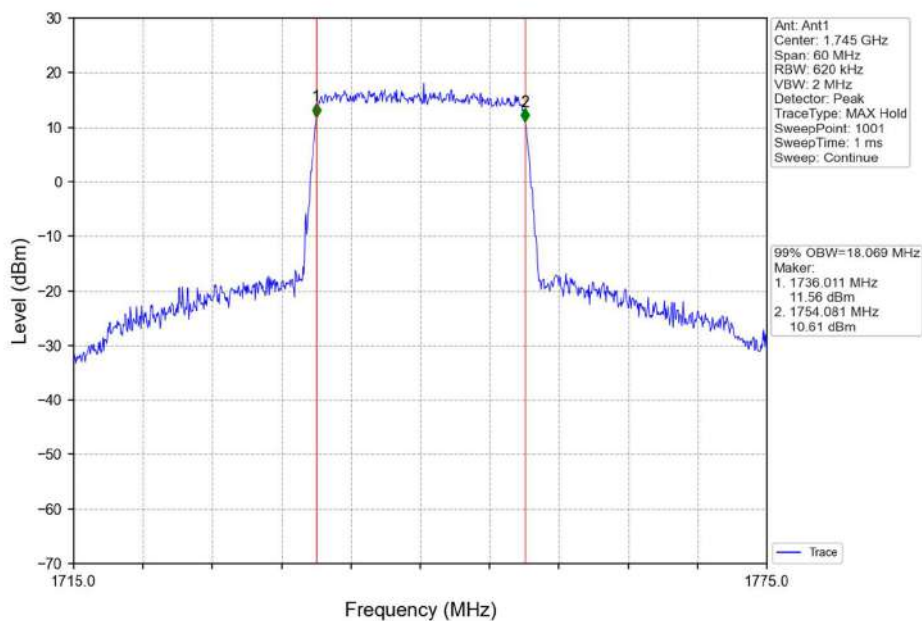
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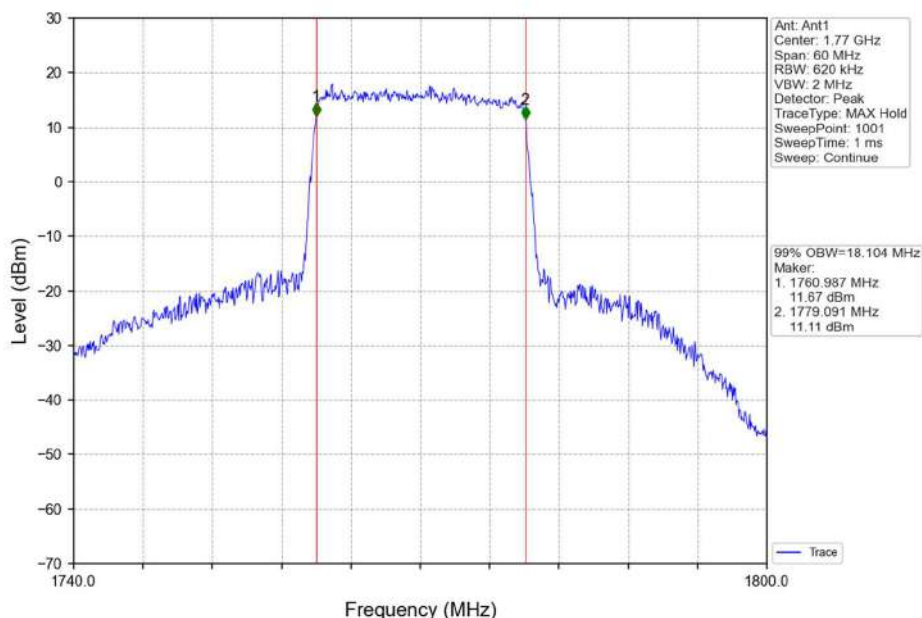
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## 4.2 Band66\_XDB

### 4.2.1 Test Result

Band: 66 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.319	Pass
		1745	6	0	1.324	Pass
		1779.3	6	0	1.319	Pass
	16QAM	1710.7	6	0	1.330	Pass
		1745	6	0	1.336	Pass
		1779.3	6	0	1.327	Pass
3	QPSK	1711.5	15	0	3.042	Pass
		1745	15	0	3.044	Pass
		1778.5	15	0	3.080	Pass
	16QAM	1711.5	15	0	3.081	Pass
		1745	15	0	3.056	Pass
		1778.5	15	0	3.053	Pass
5	QPSK	1712.5	25	0	5.065	Pass
		1745	25	0	5.110	Pass
		1777.5	25	0	5.094	Pass
	16QAM	1712.5	25	0	5.151	Pass
		1745	25	0	5.100	Pass
		1777.5	25	0	5.067	Pass
10	QPSK	1715	50	0	10.021	Pass
		1745	50	0	10.029	Pass
		1775	50	0	10.040	Pass
	16QAM	1715	50	0	10.102	Pass
		1745	50	0	10.008	Pass
		1775	50	0	9.995	Pass
15	QPSK	1717.5	75	0	14.996	Pass
		1745	75	0	14.891	Pass
		1772.5	75	0	14.970	Pass
	16QAM	1717.5	75	0	14.898	Pass
		1745	75	0	15.019	Pass
		1772.5	75	0	14.903	Pass
20	QPSK	1720	100	0	19.917	Pass
		1745	100	0	19.848	Pass
		1770	100	0	19.743	Pass
	16QAM	1720	100	0	19.827	Pass
		1745	100	0	19.852	Pass
		1770	100	0	19.708	Pass



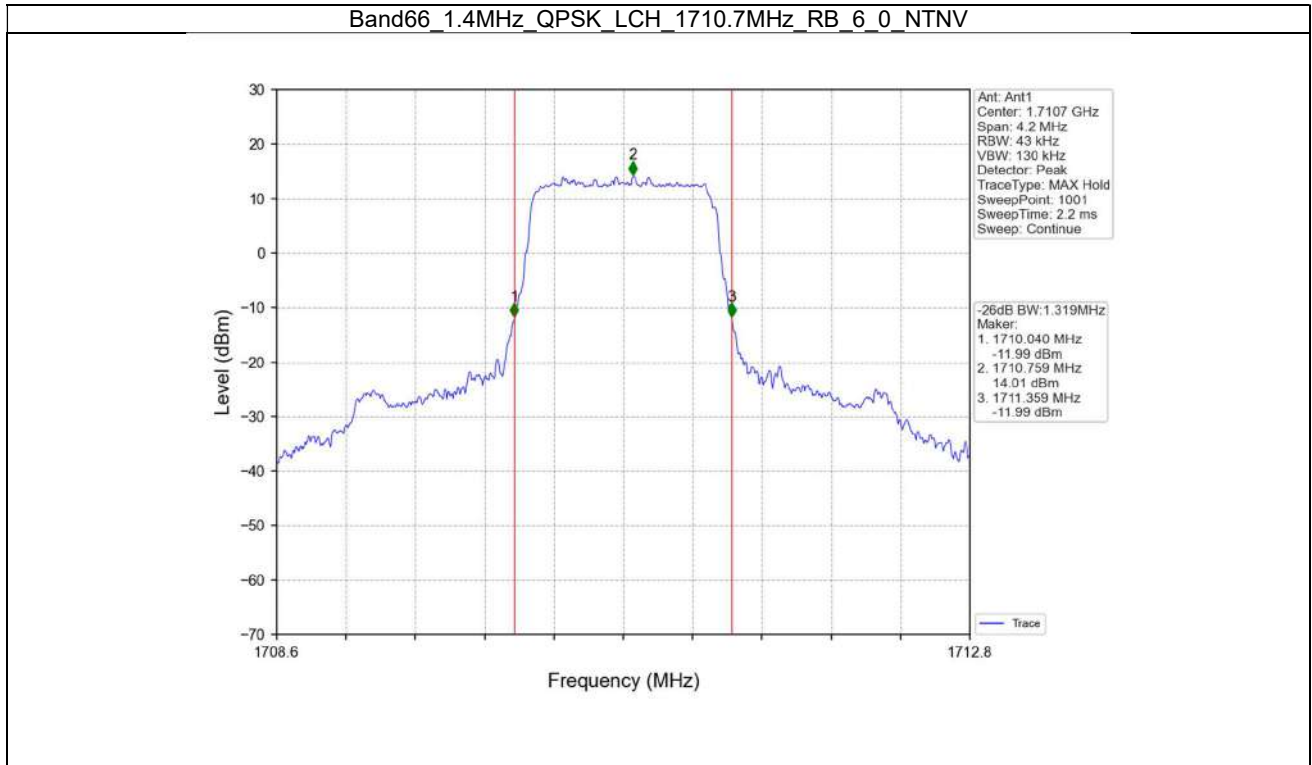
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#### 4.2.2 Test Graph



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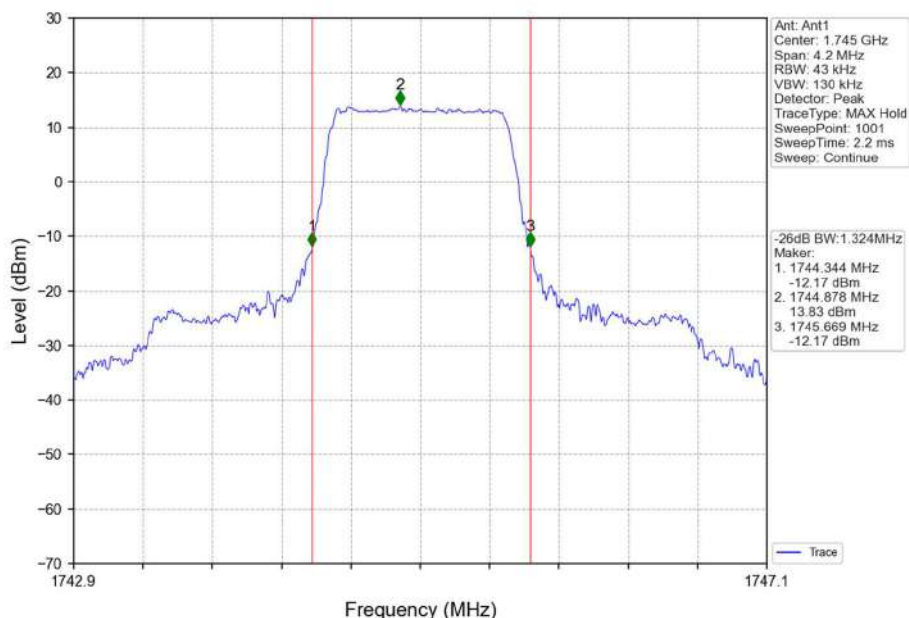
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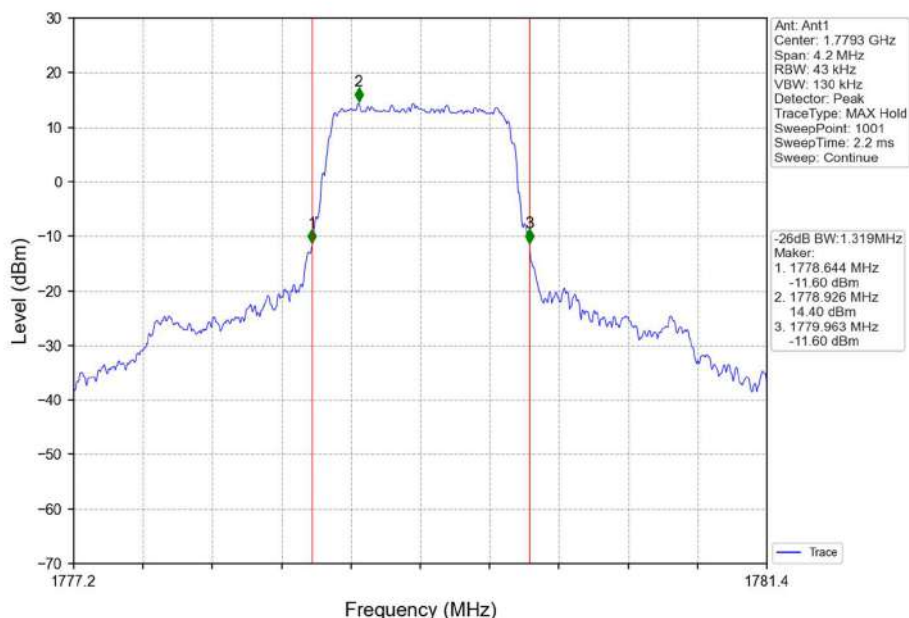
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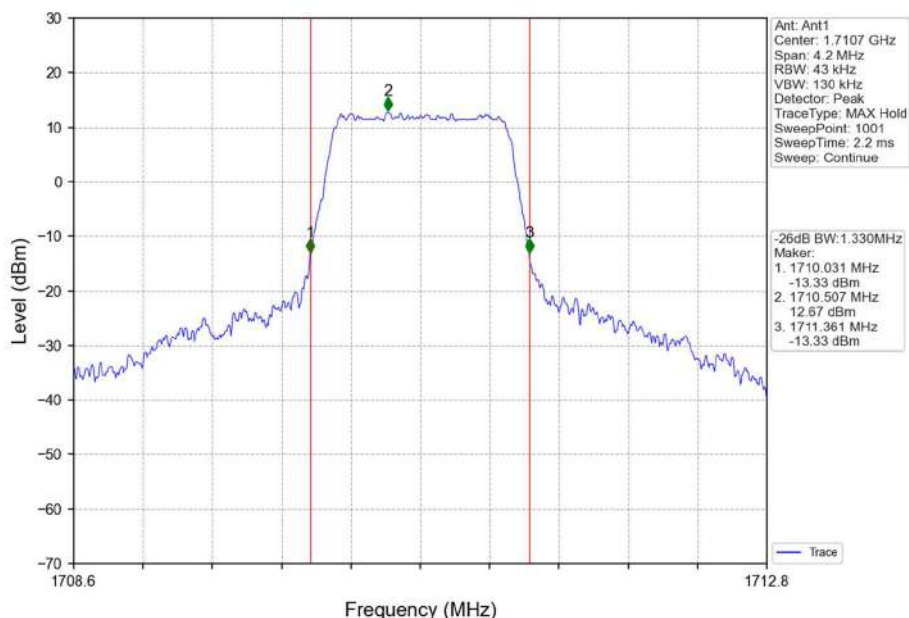
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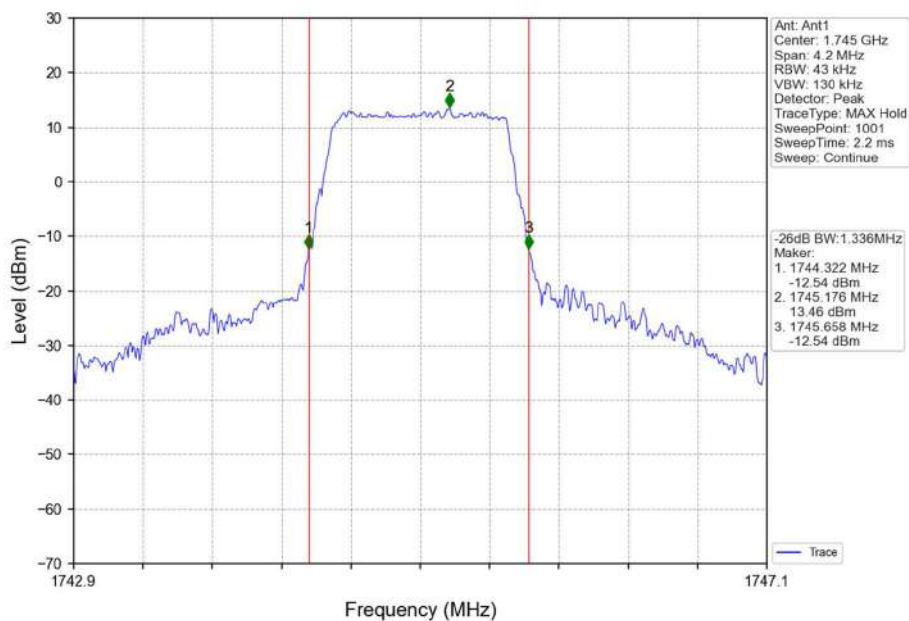
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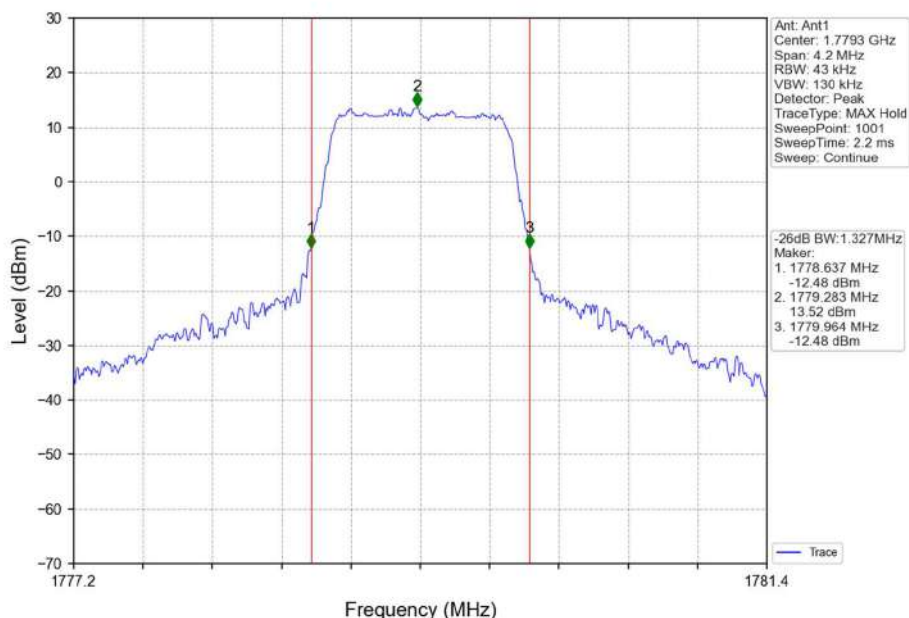
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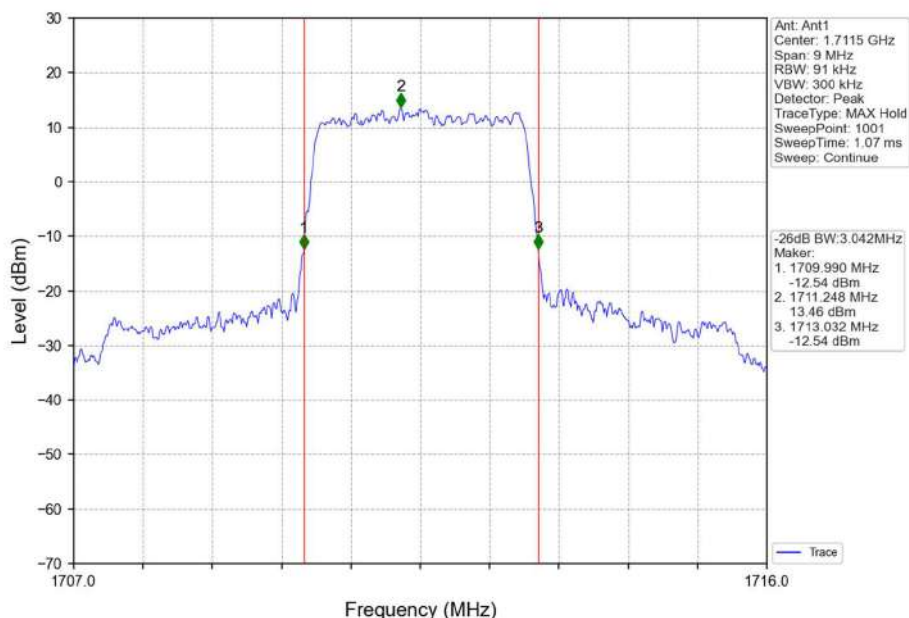
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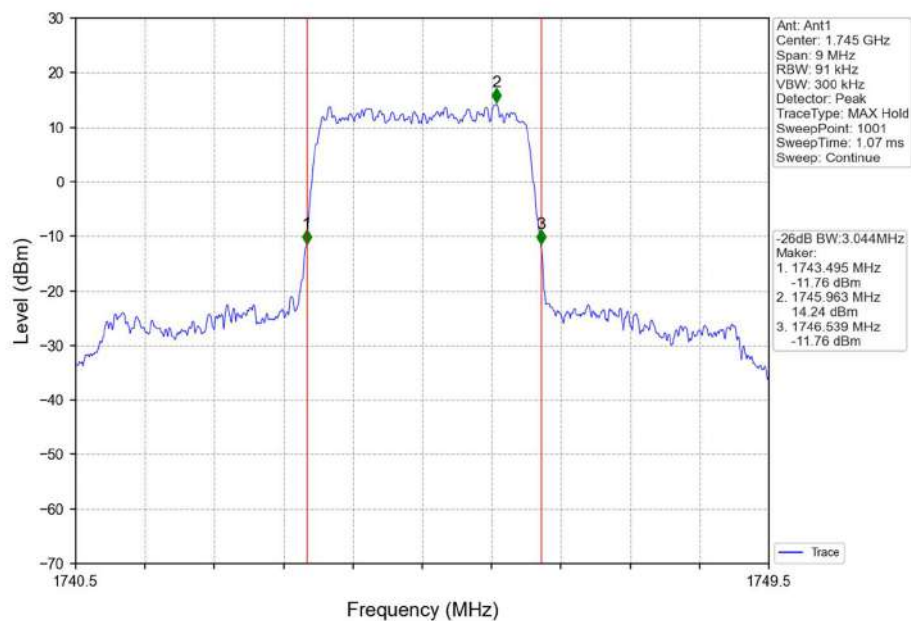
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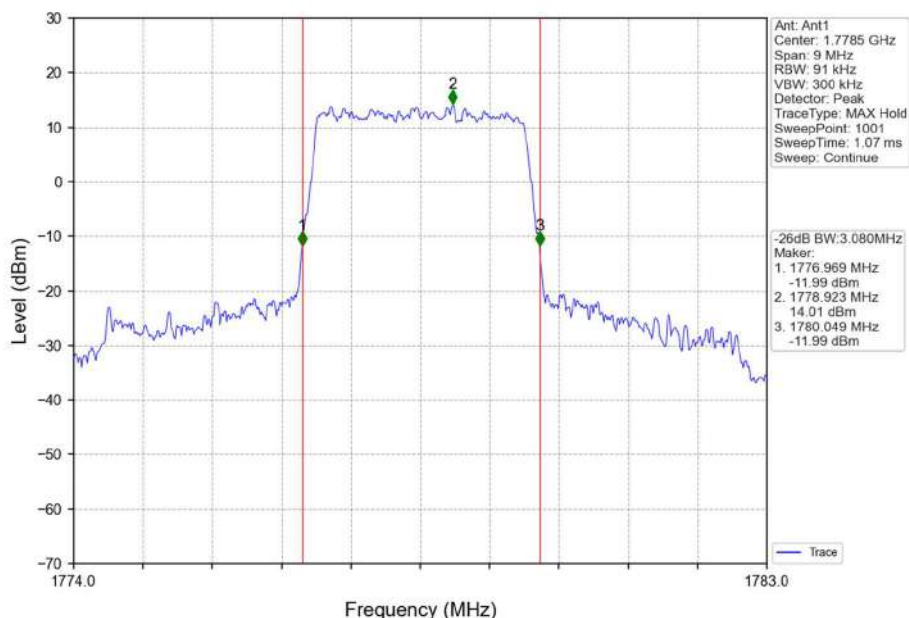
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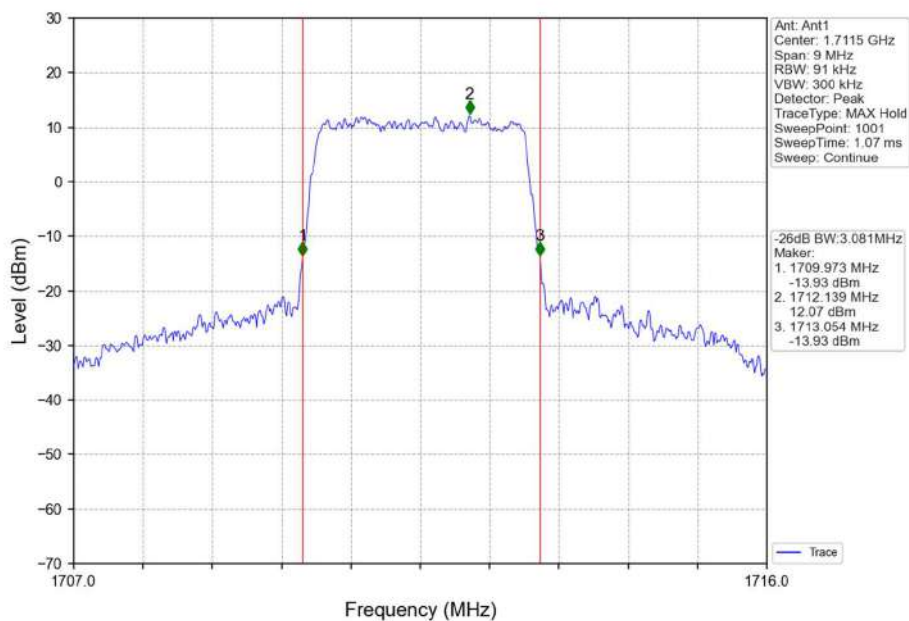
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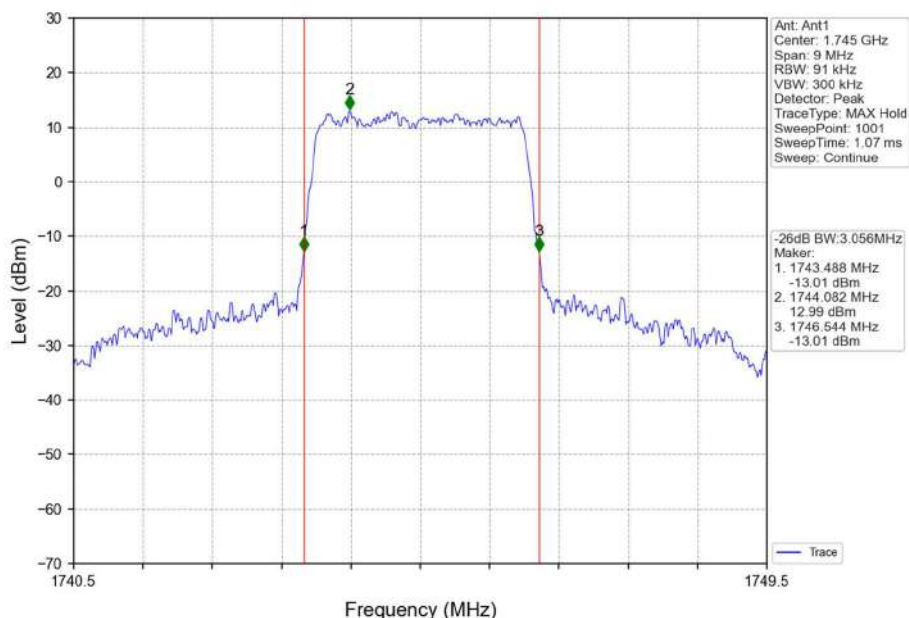
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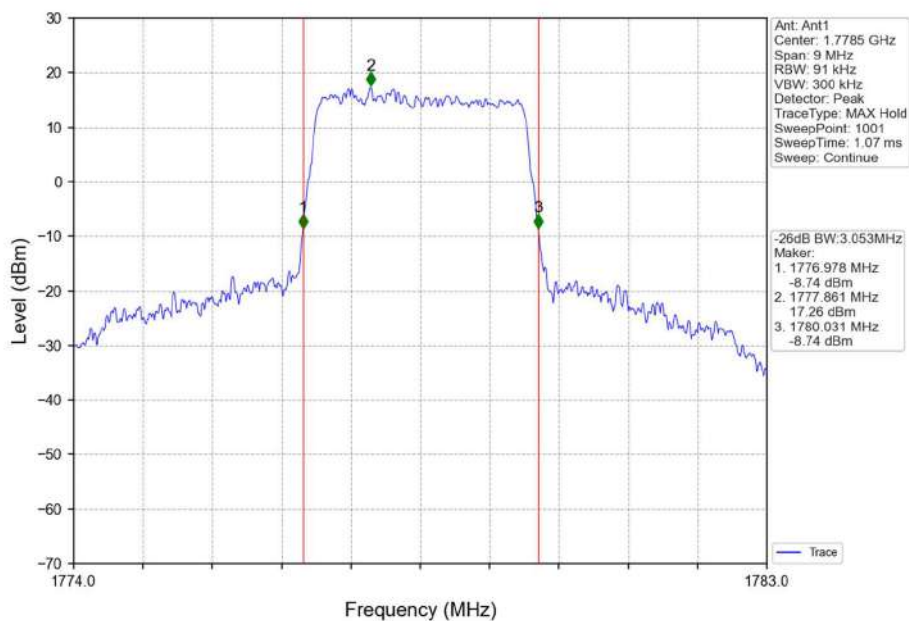
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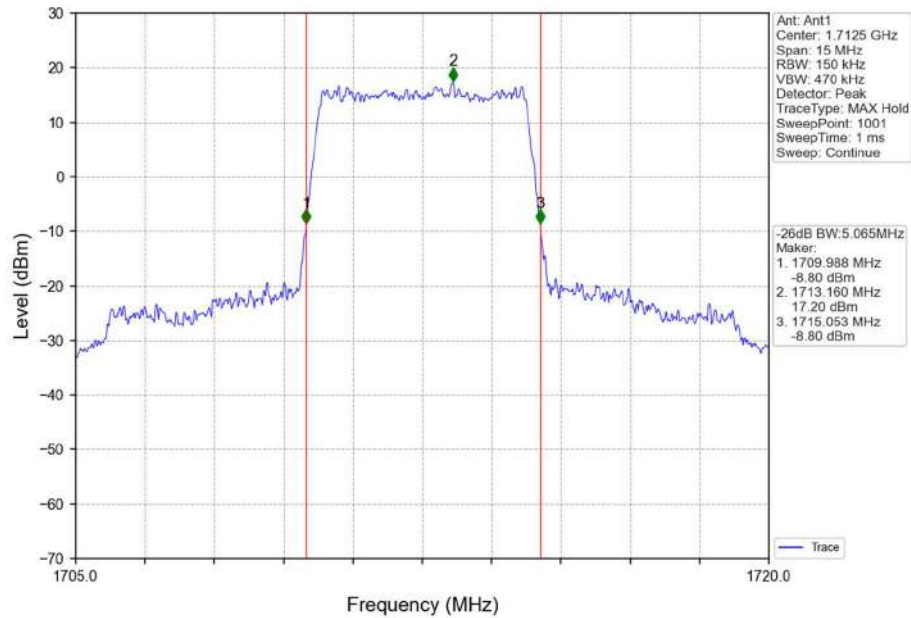
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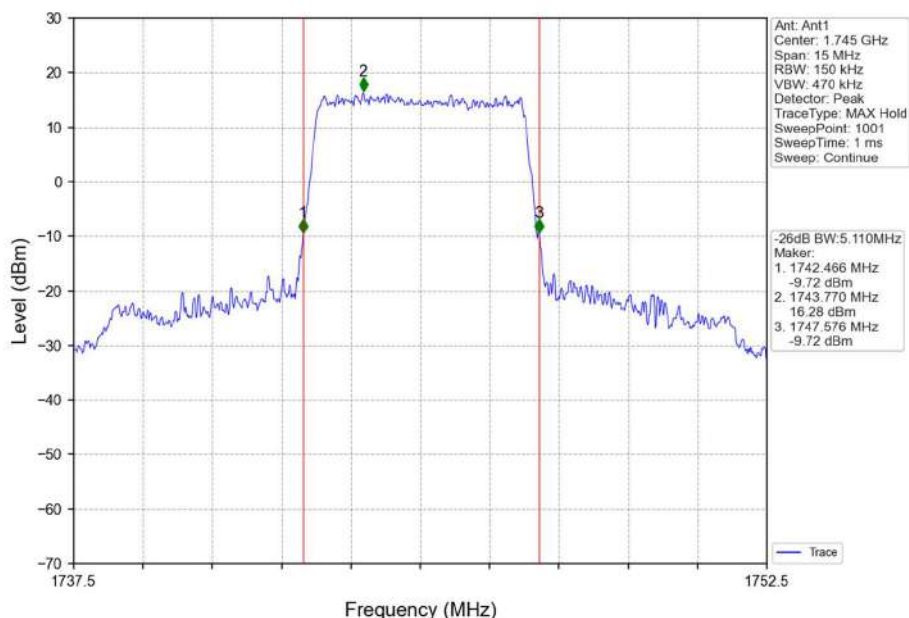
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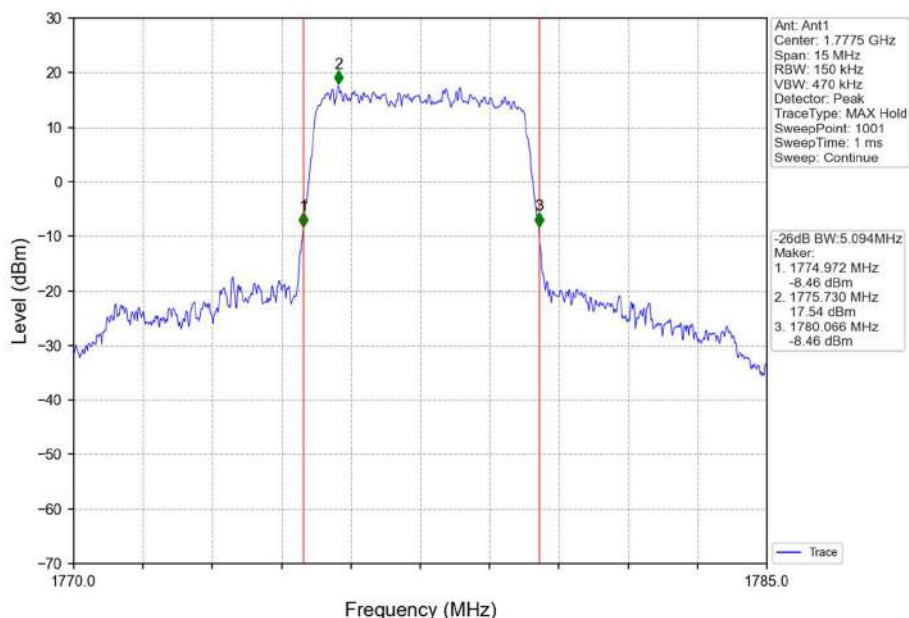
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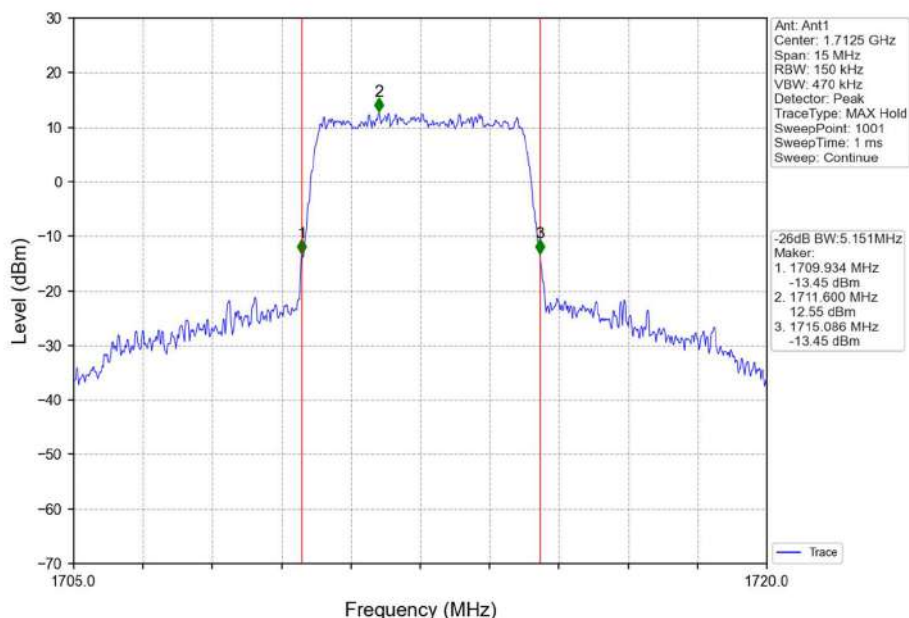
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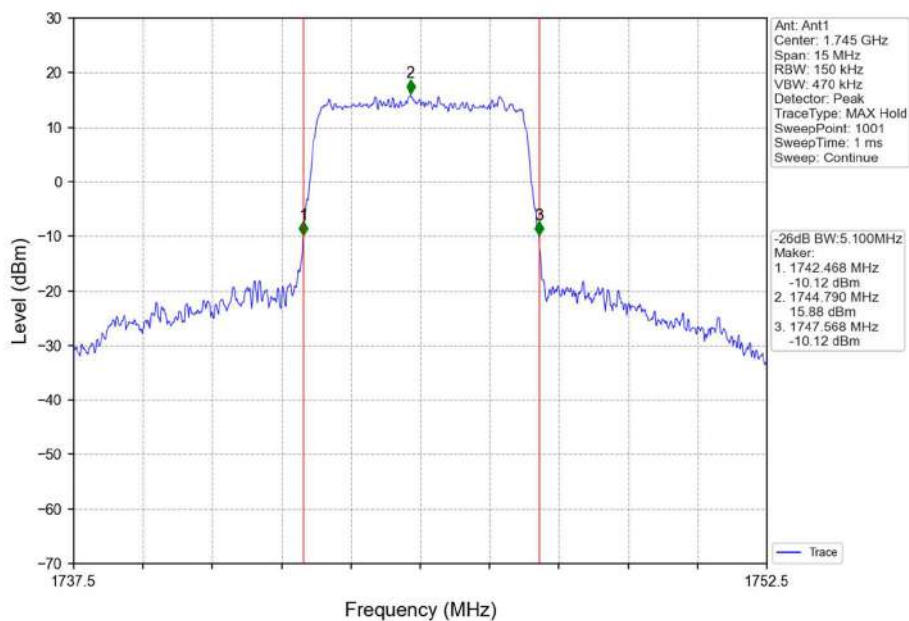
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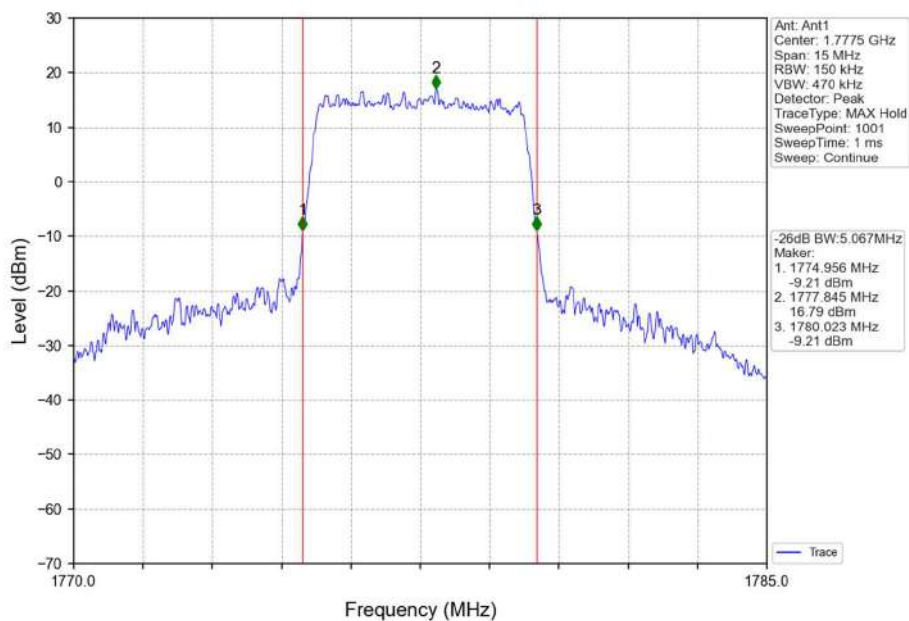
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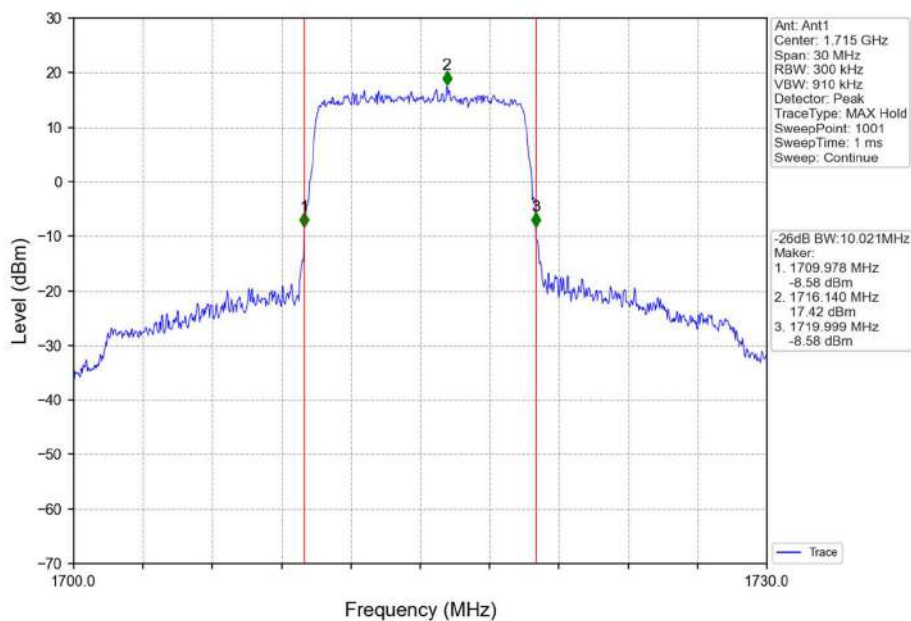
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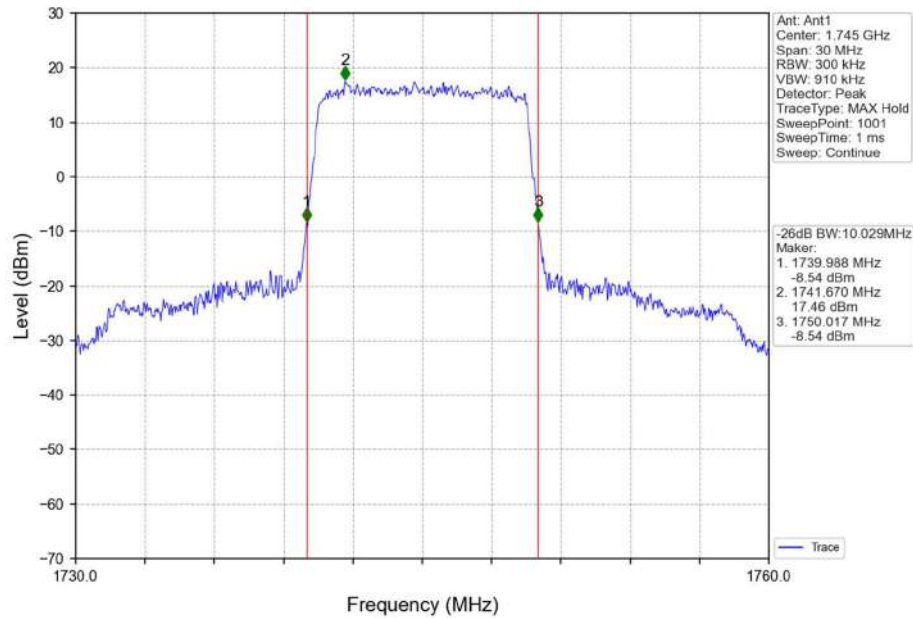
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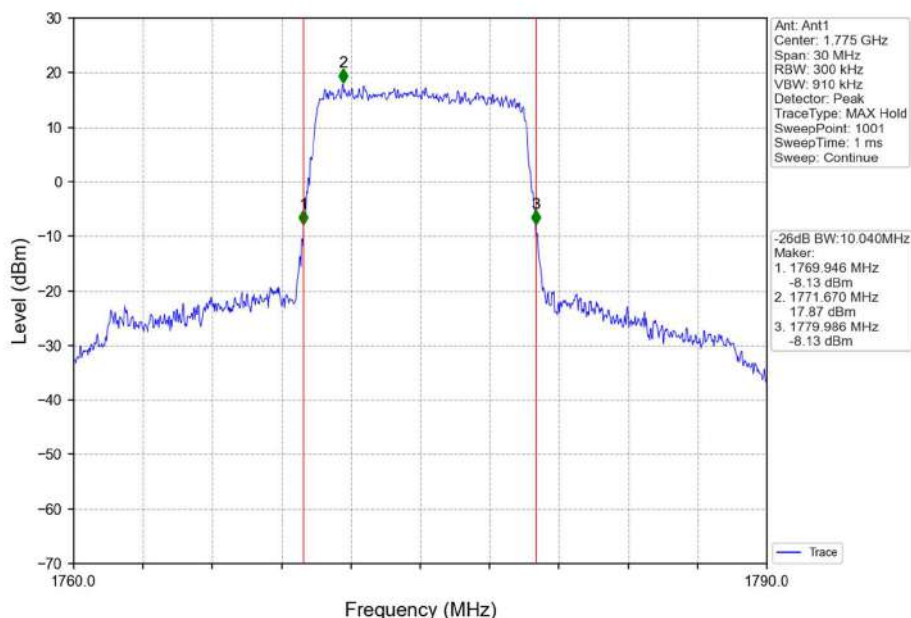
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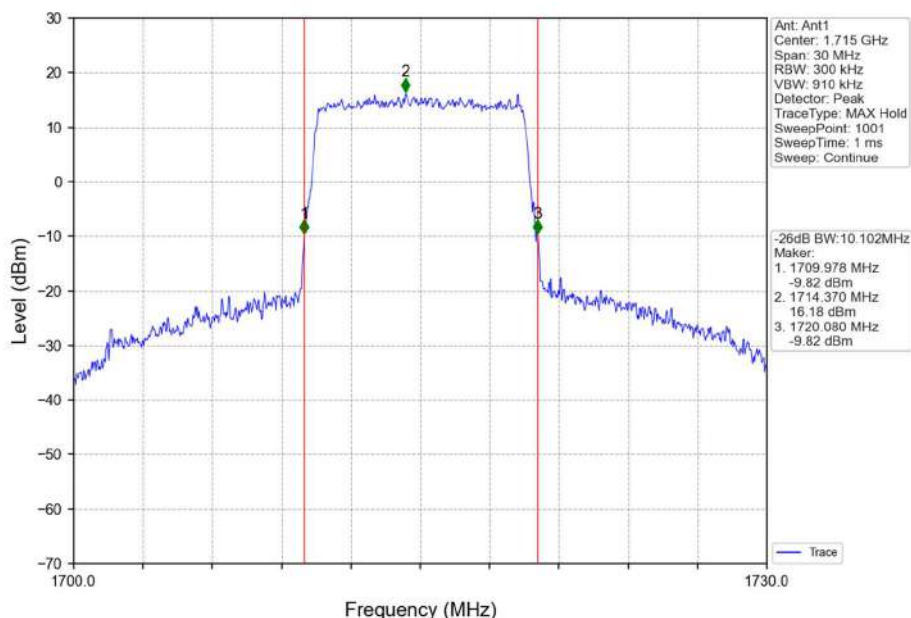
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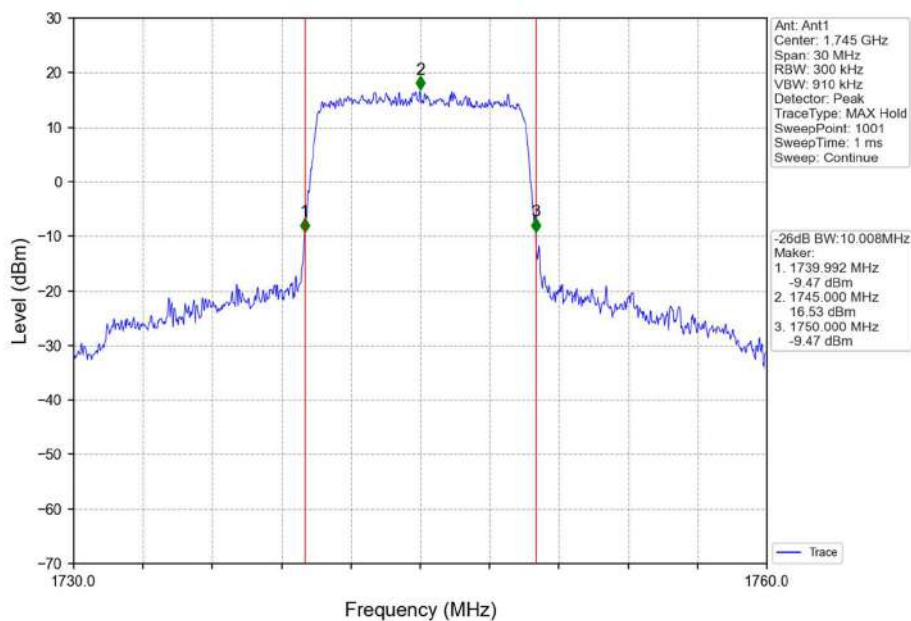
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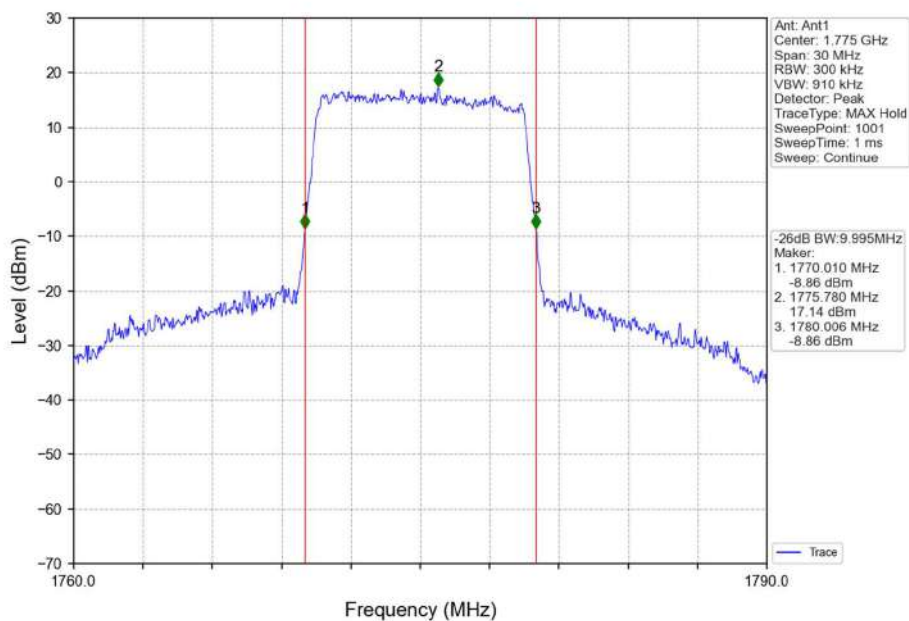
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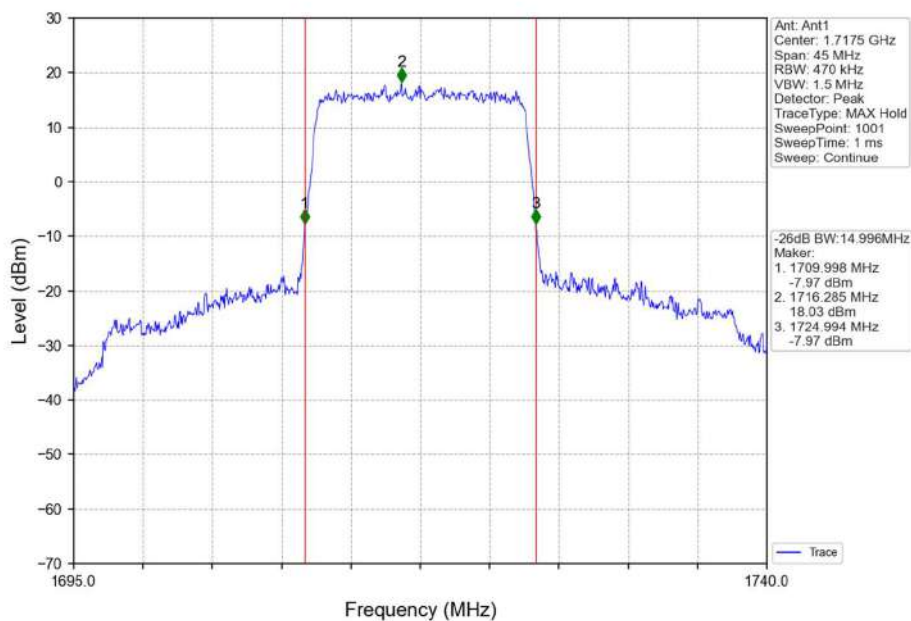
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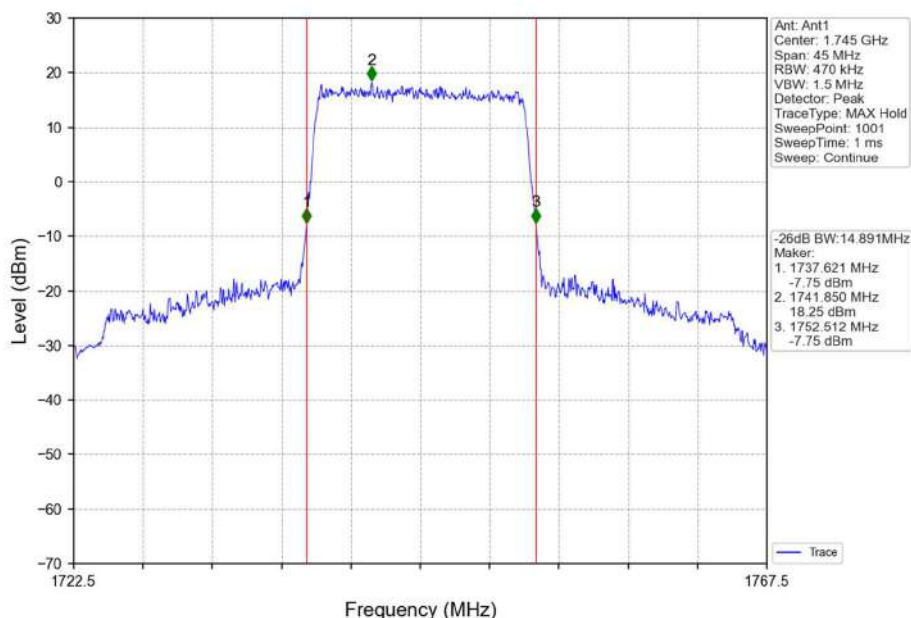
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Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



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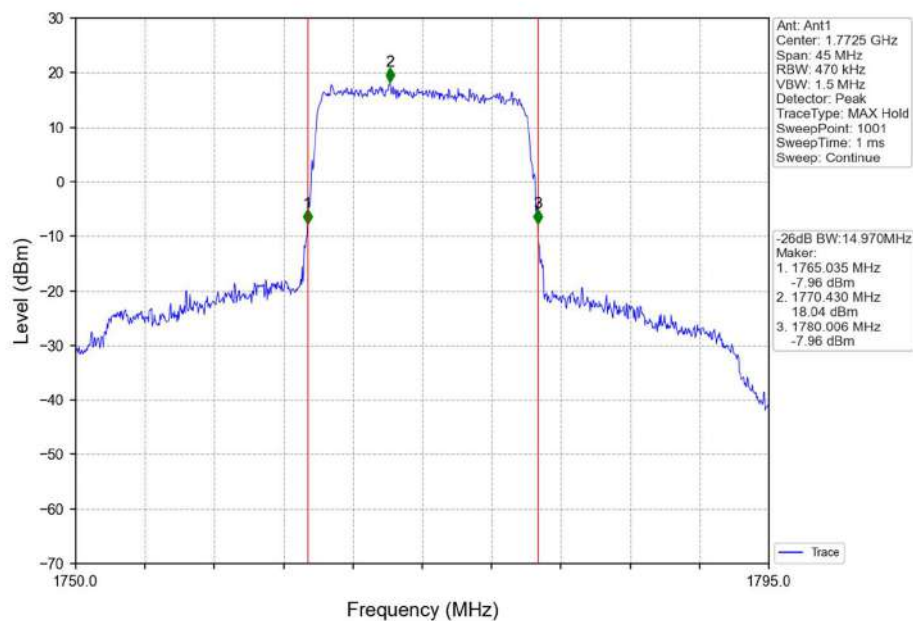
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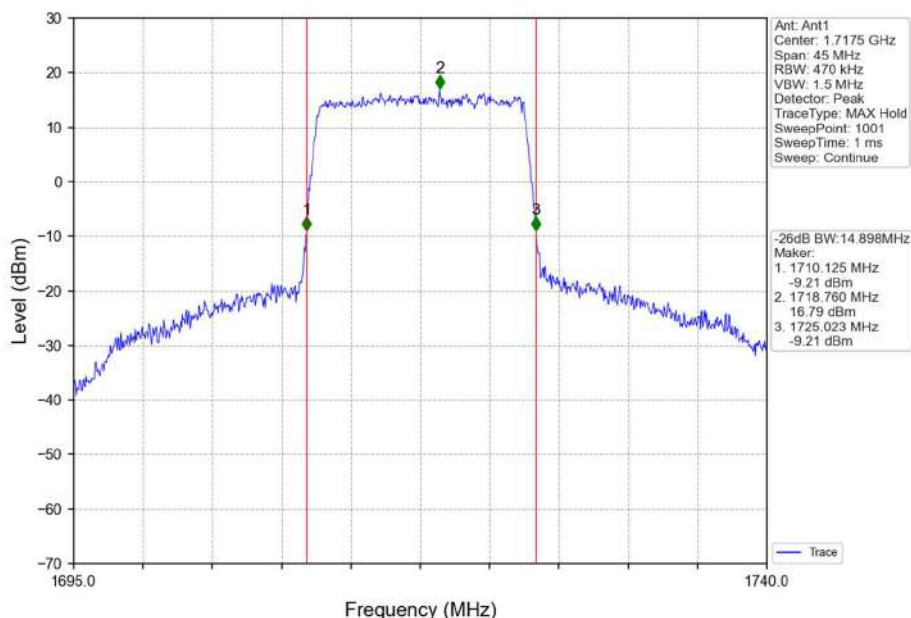
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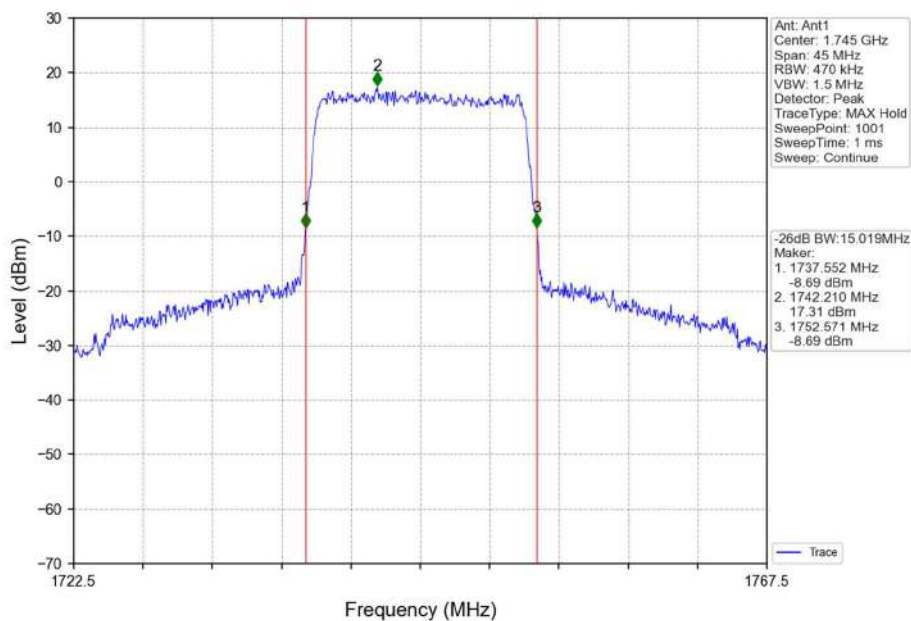
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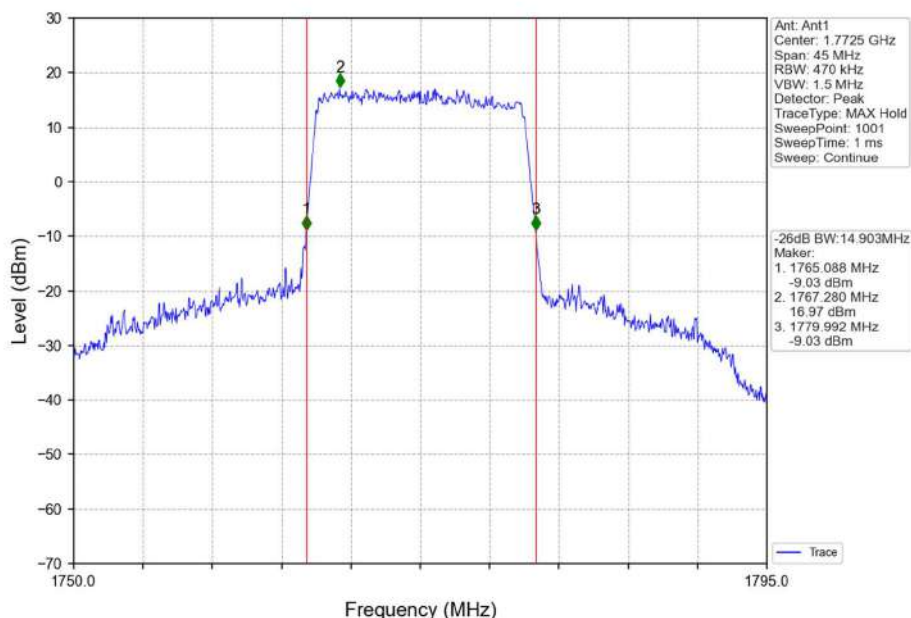
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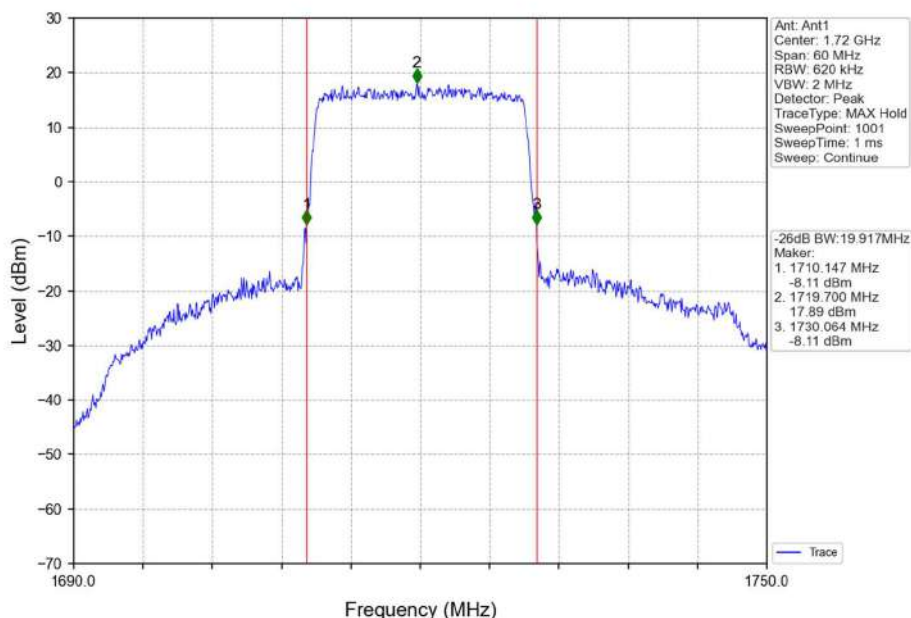
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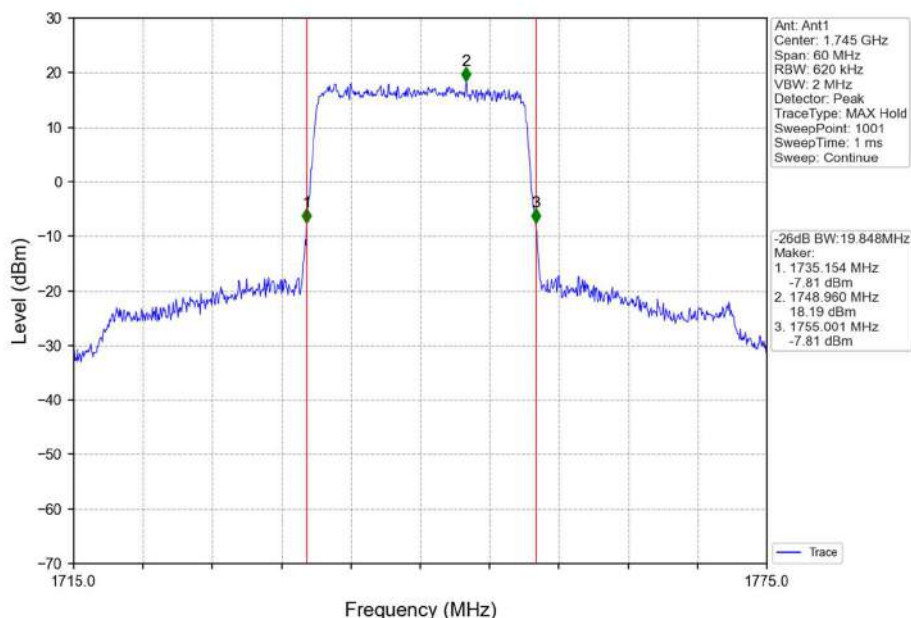
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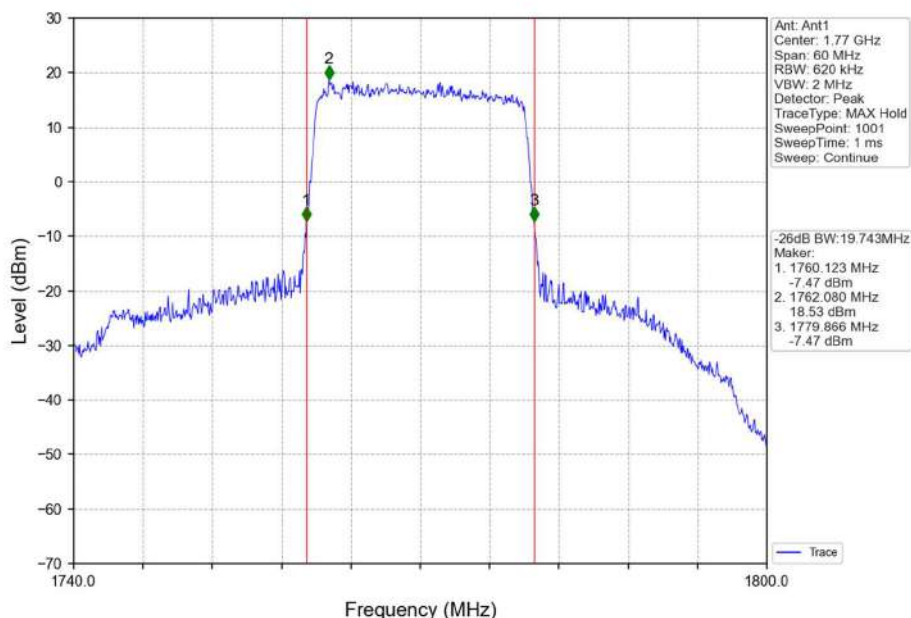
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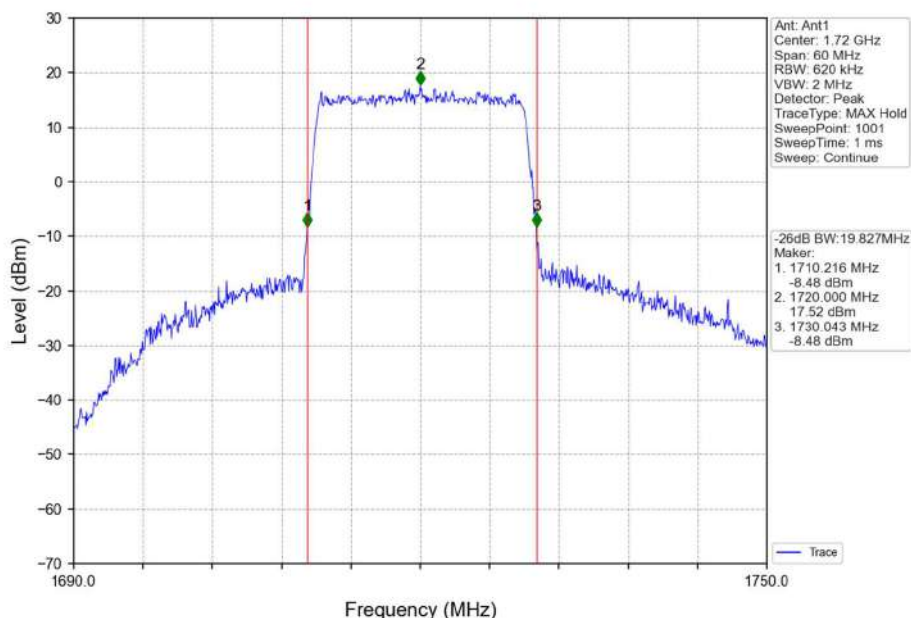
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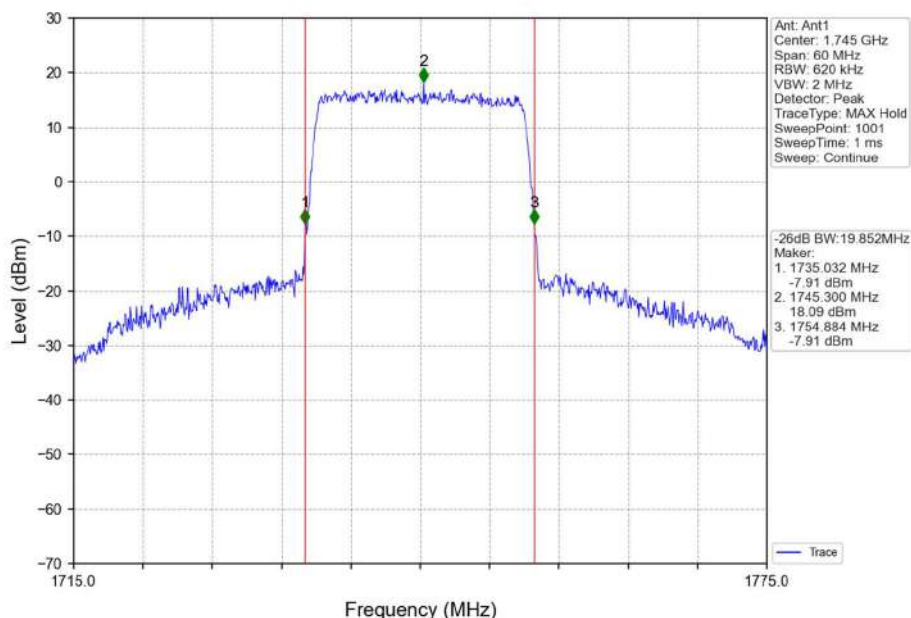
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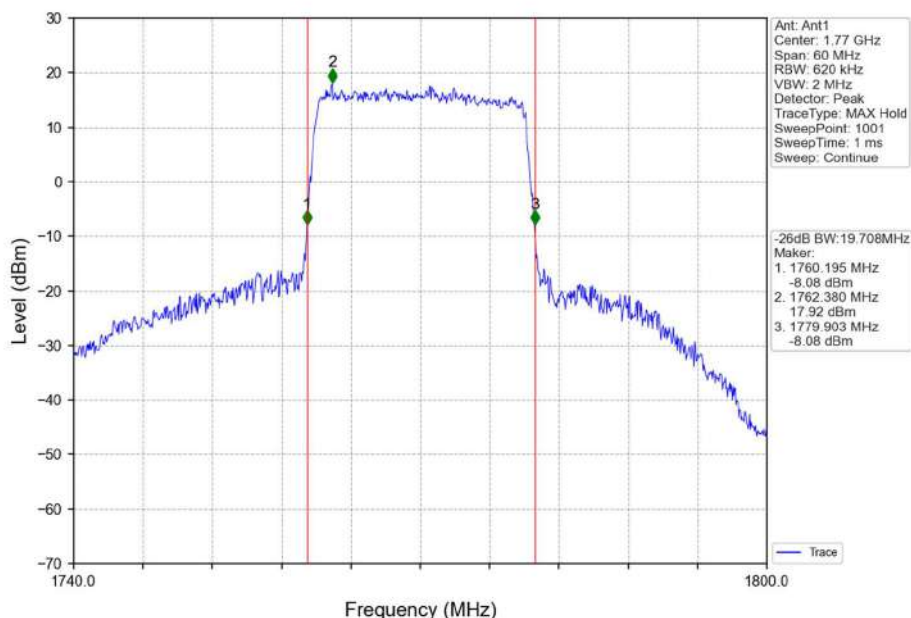
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## 5. Peak-Average Ratio

### 5.1 B66\_1.4MHz

#### 5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.83	<=13	Pass
	1745	6	0	4.90	<=13	Pass
	1779.3	6	0	4.80	<=13	Pass
16QAM	1710.7	6	0	5.64	<=13	Pass
	1745	6	0	5.76	<=13	Pass
	1779.3	6	0	5.67	<=13	Pass



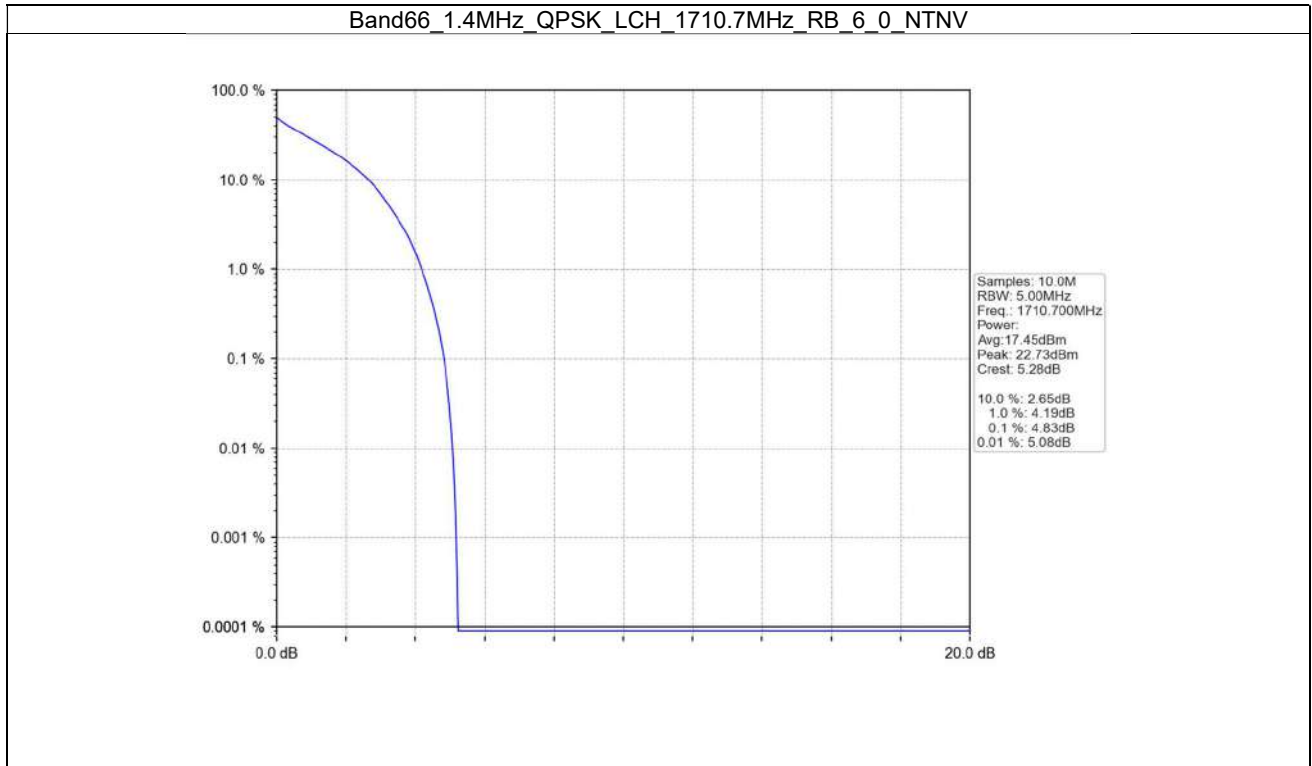
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## 5.1.2 Test Graph



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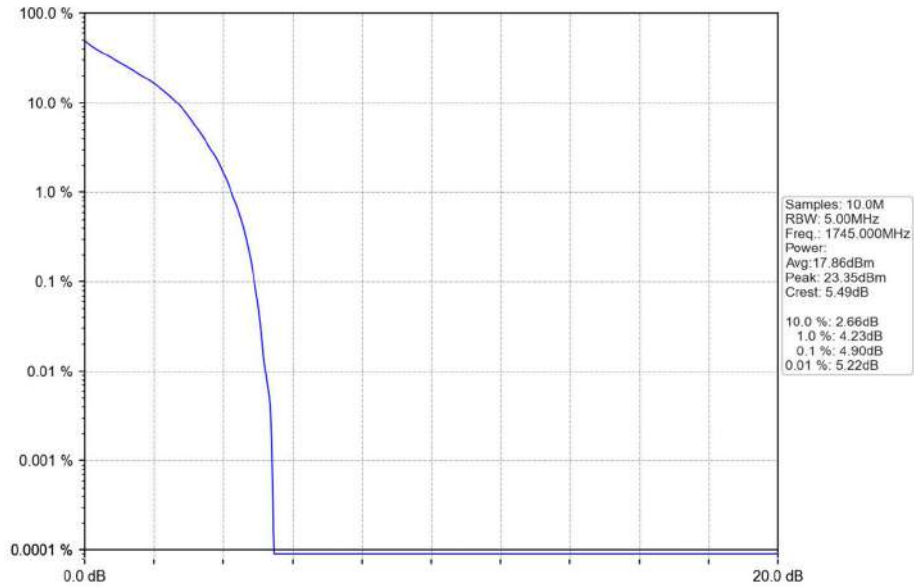
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Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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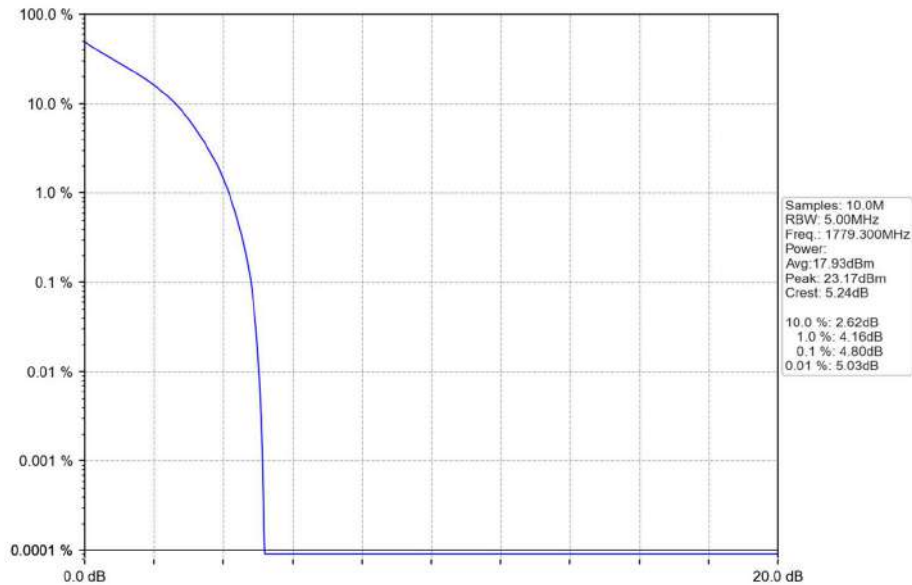
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Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



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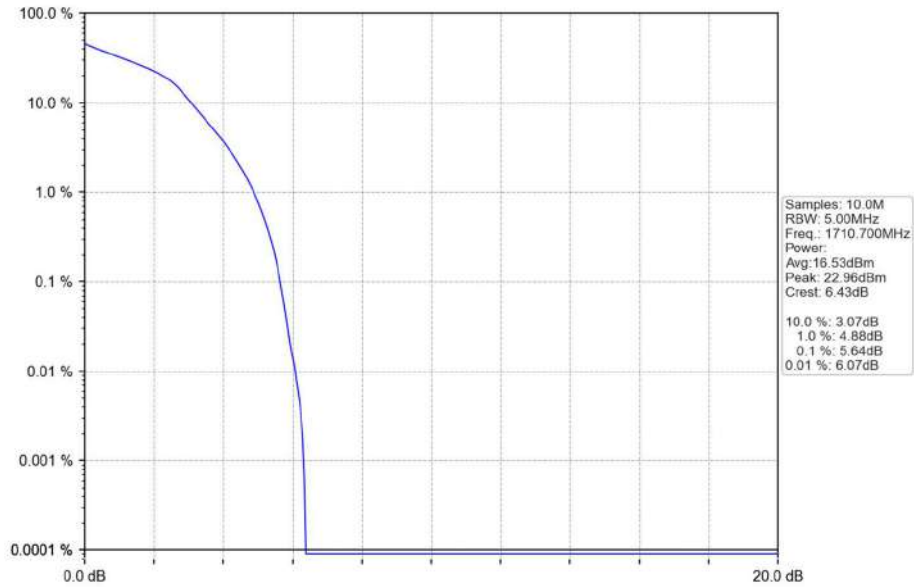
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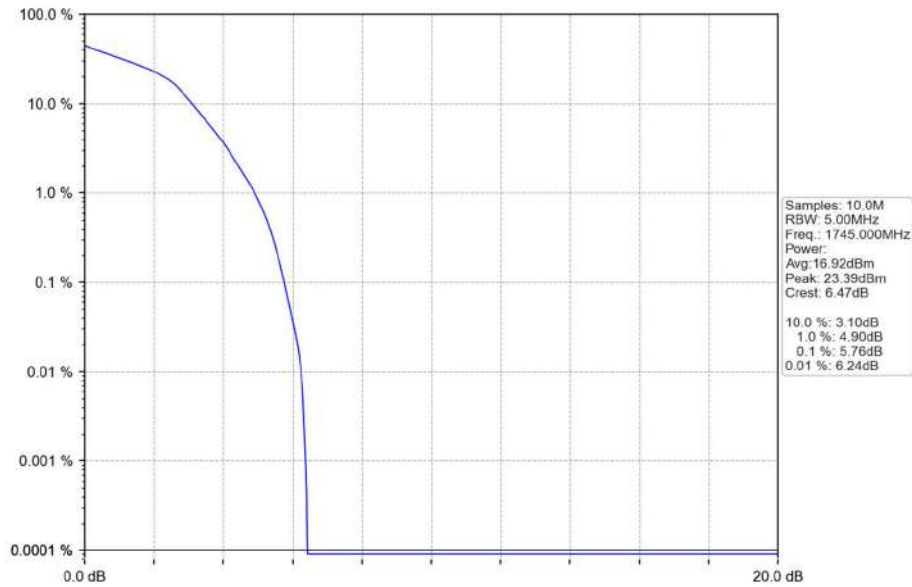
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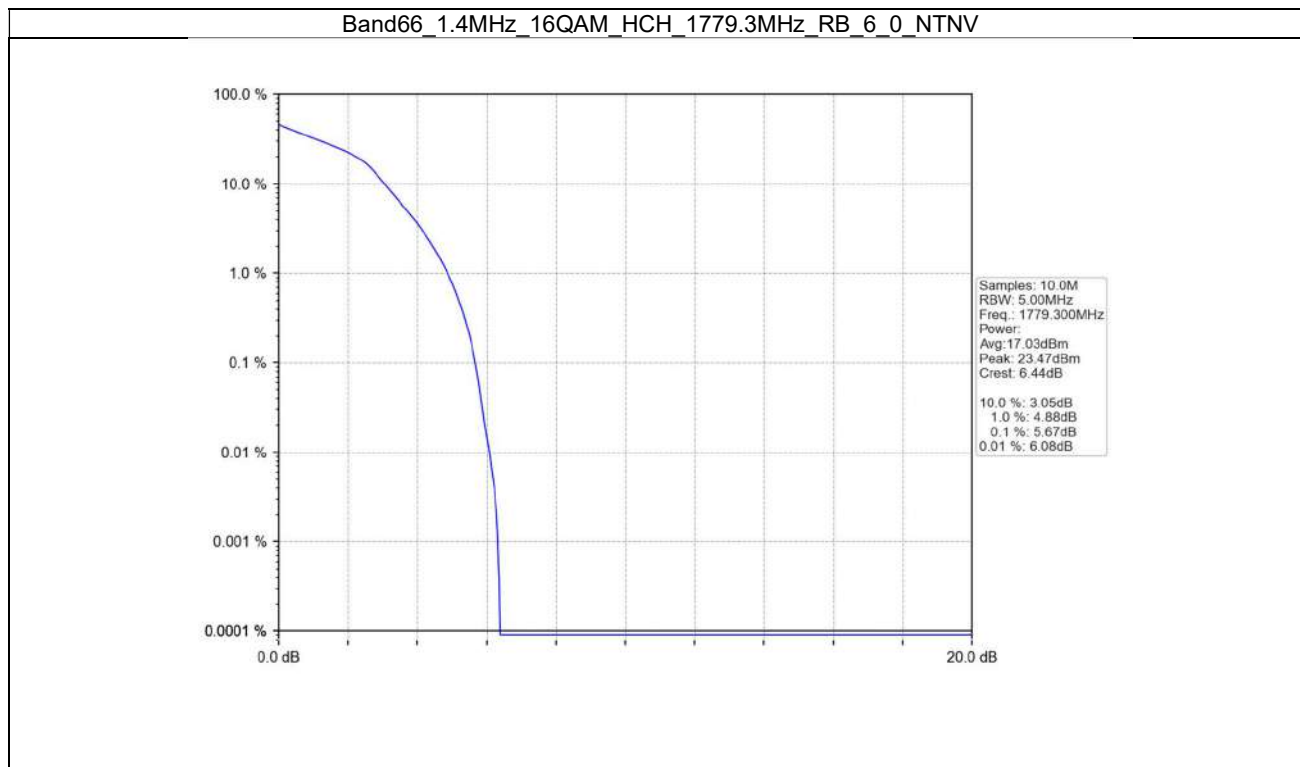
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## 5.2 B66\_3MHz

### 5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.05	<=13	Pass
	1745	15	0	5.14	<=13	Pass
	1778.5	15	0	5.10	<=13	Pass
16QAM	1711.5	15	0	5.84	<=13	Pass
	1745	15	0	5.97	<=13	Pass
	1778.5	15	0	5.90	<=13	Pass



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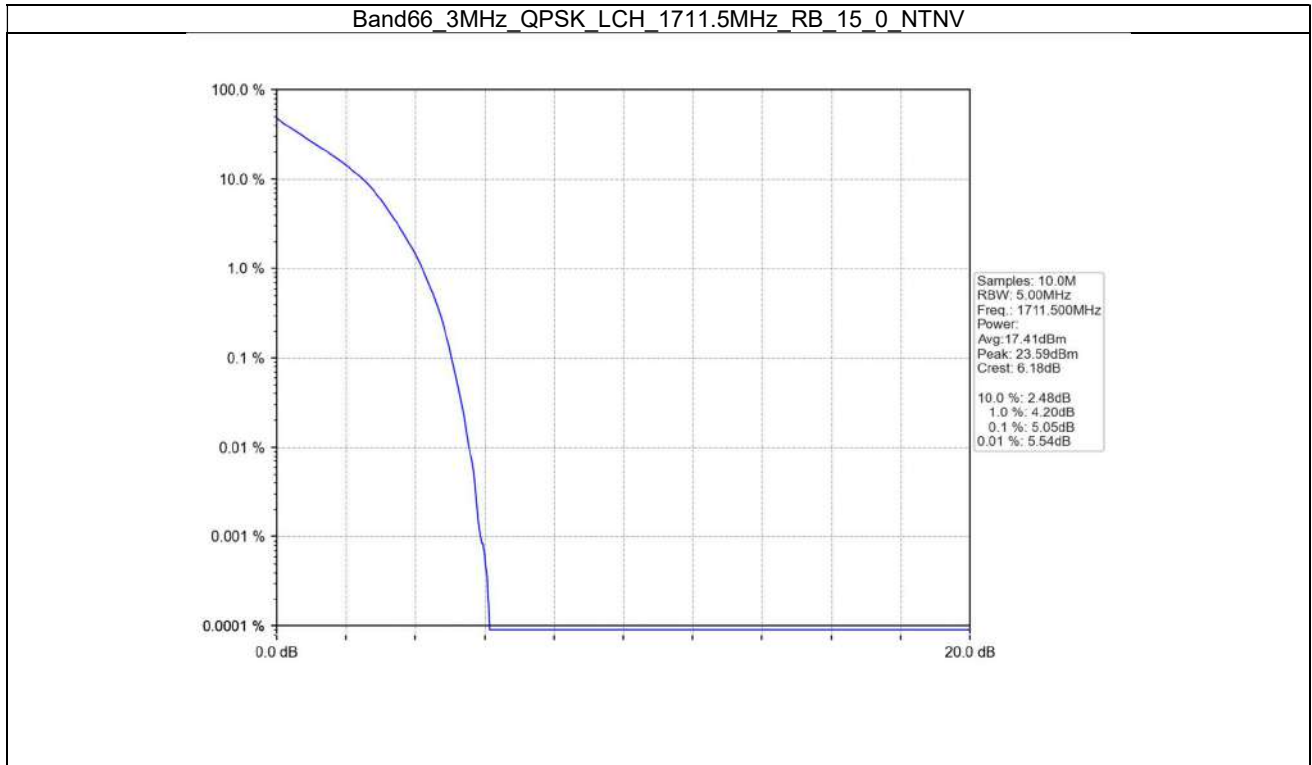
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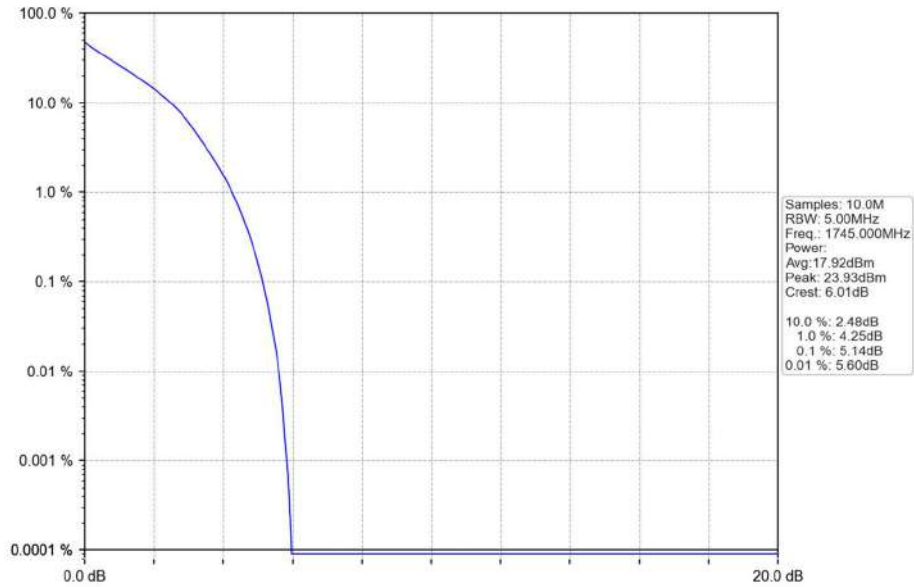
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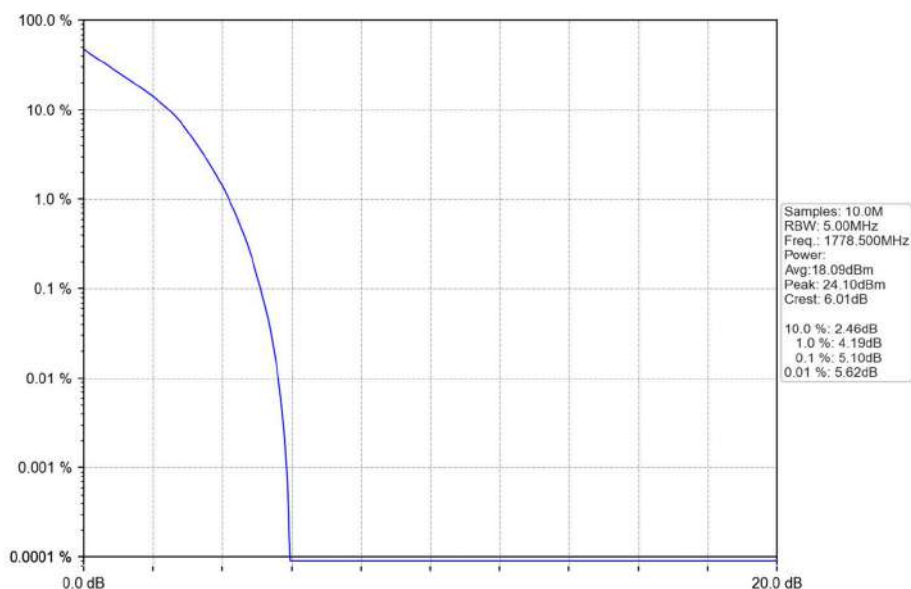
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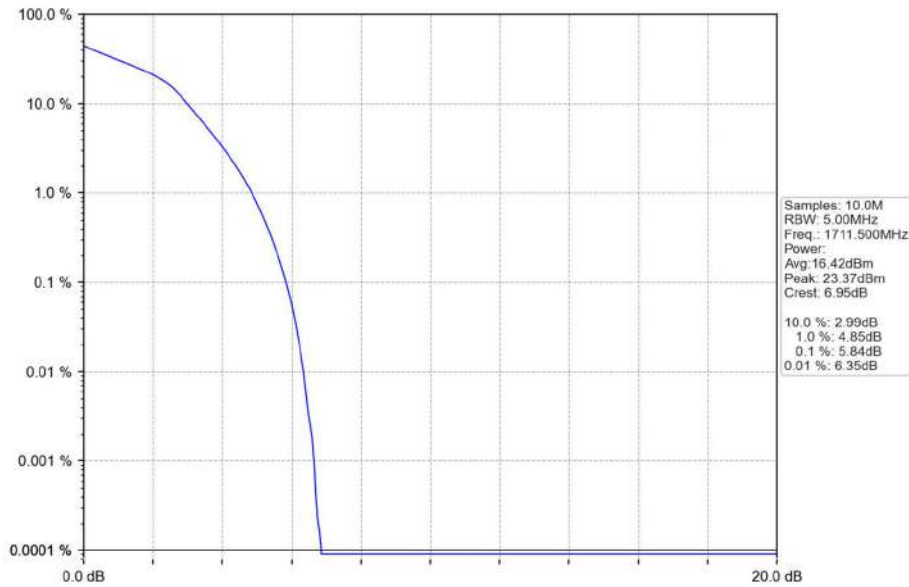
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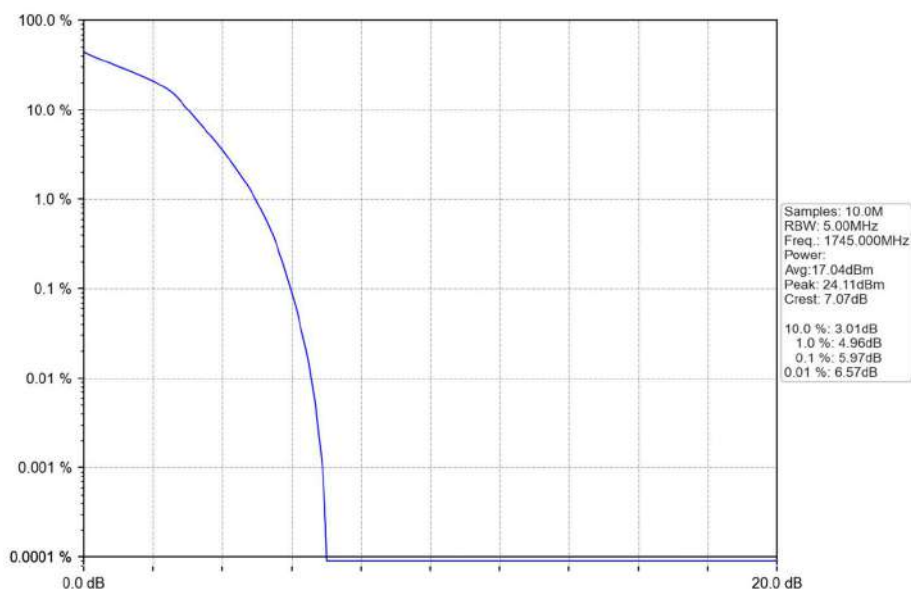
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### 5.3 B66\_5MHz

#### 5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.28	<=13	Pass
	1745	25	0	5.34	<=13	Pass
	1777.5	25	0	5.36	<=13	Pass
16QAM	1712.5	25	0	6.05	<=13	Pass
	1745	25	0	6.07	<=13	Pass
	1777.5	25	0	6.07	<=13	Pass



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### 5.3.2 Test Graph



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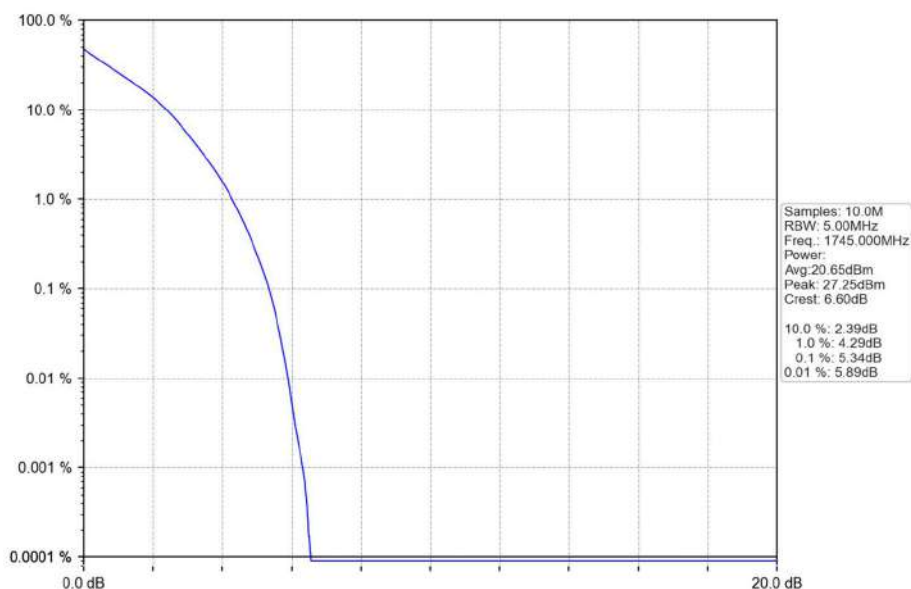
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Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



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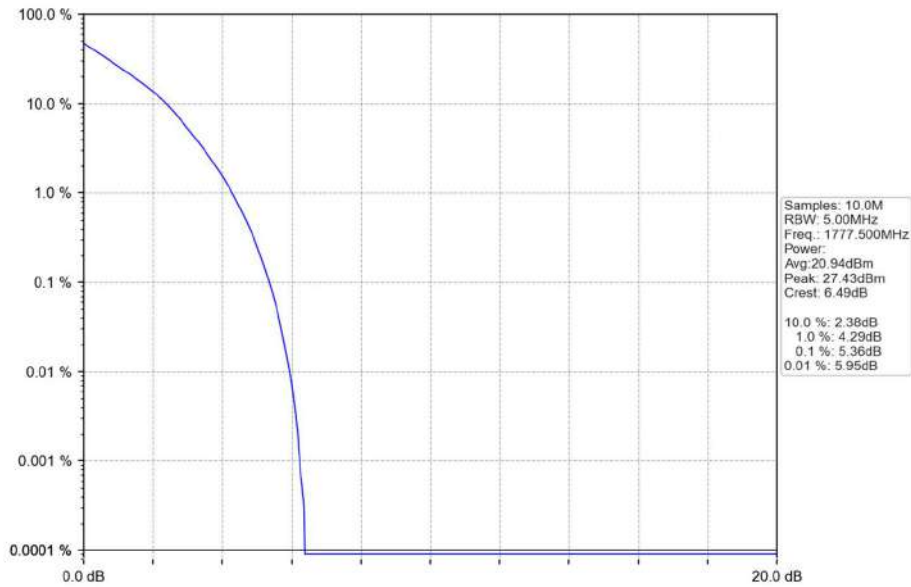
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Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNv



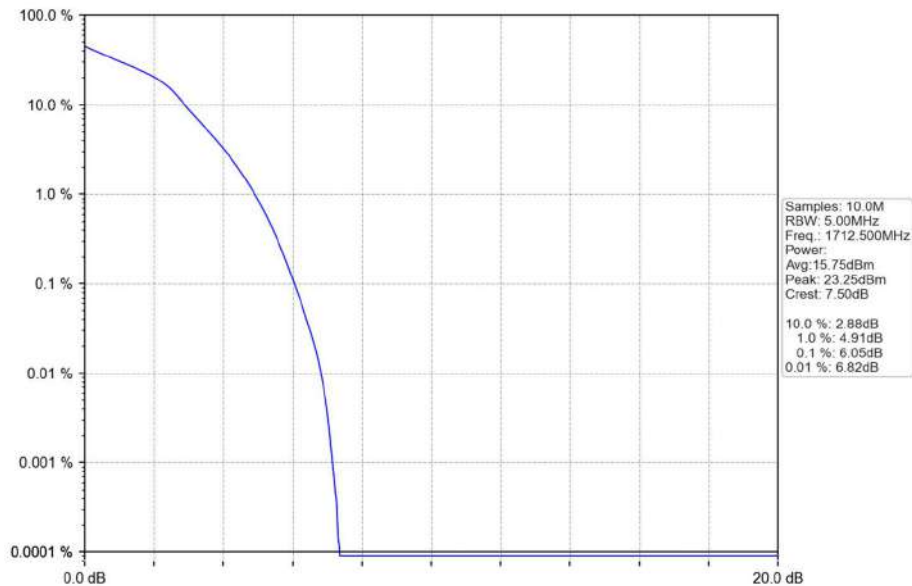
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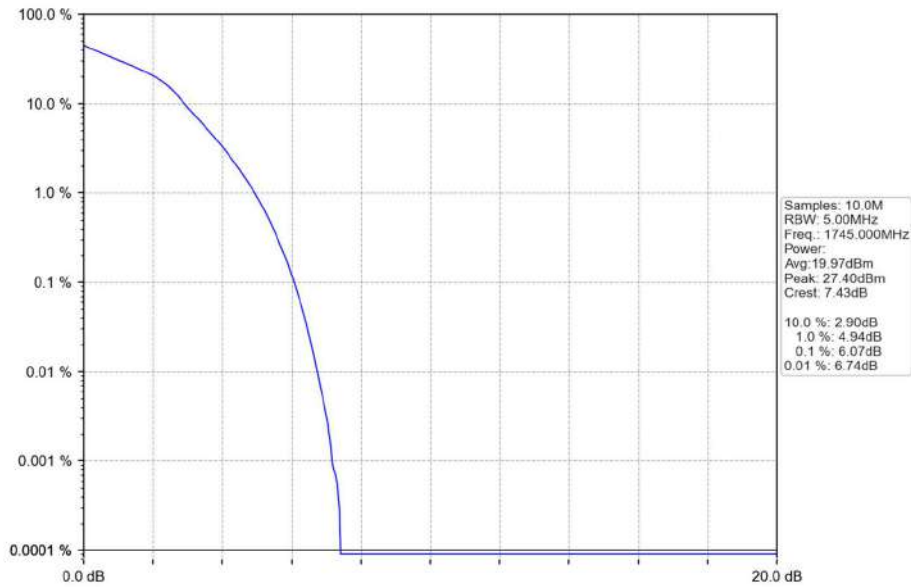
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Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV

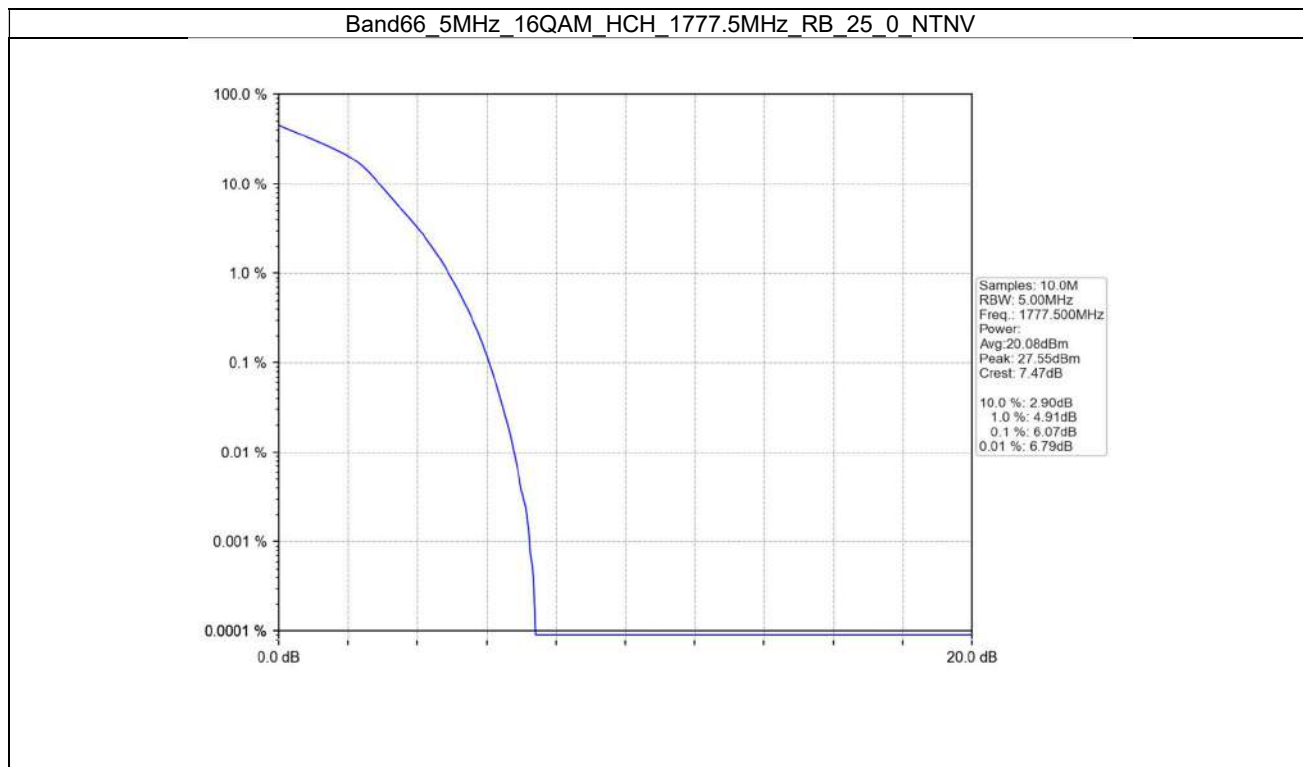


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## 5.4 B66\_10MHz

### 5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	6.09	<=13	Pass
	1745	50	0	6.07	<=13	Pass
	1775	50	0	6.07	<=13	Pass
16QAM	1715	50	0	6.82	<=13	Pass
	1745	50	0	6.79	<=13	Pass
	1775	50	0	6.84	<=13	Pass



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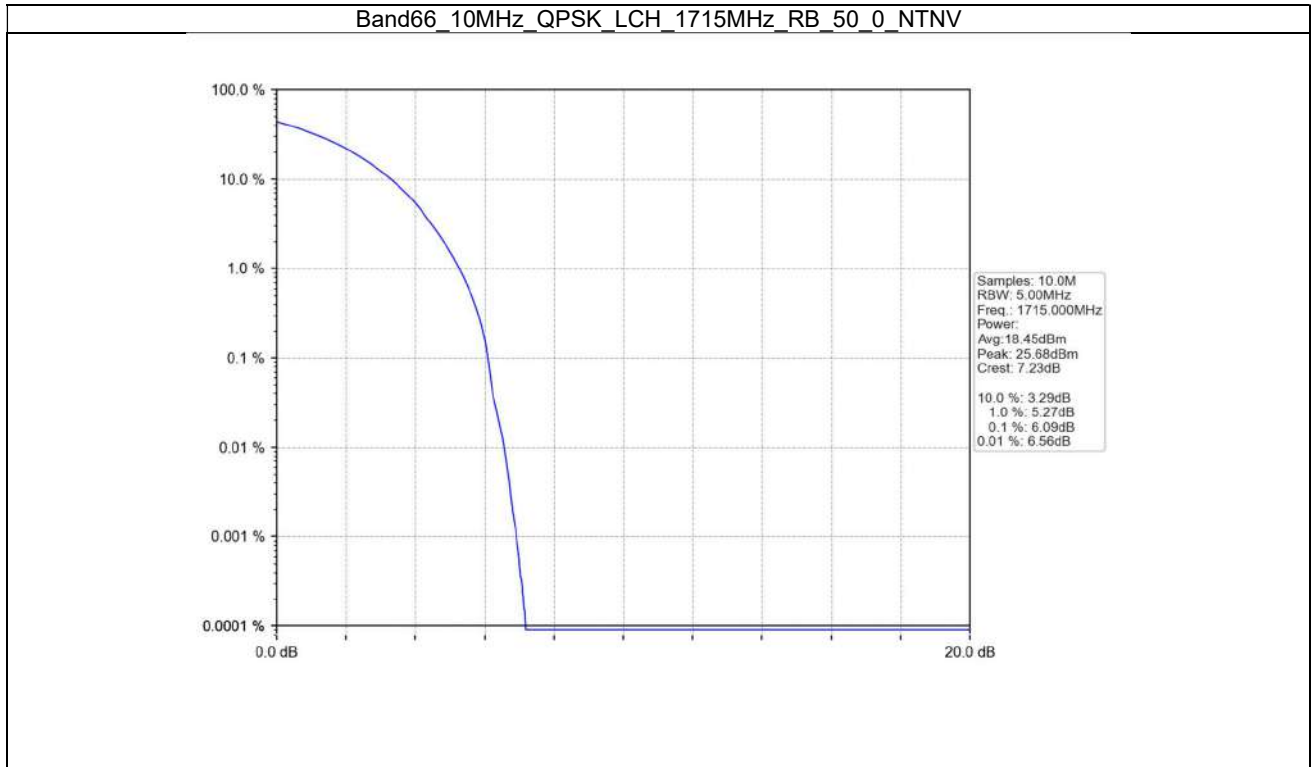
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## 5.4.2 Test Graph



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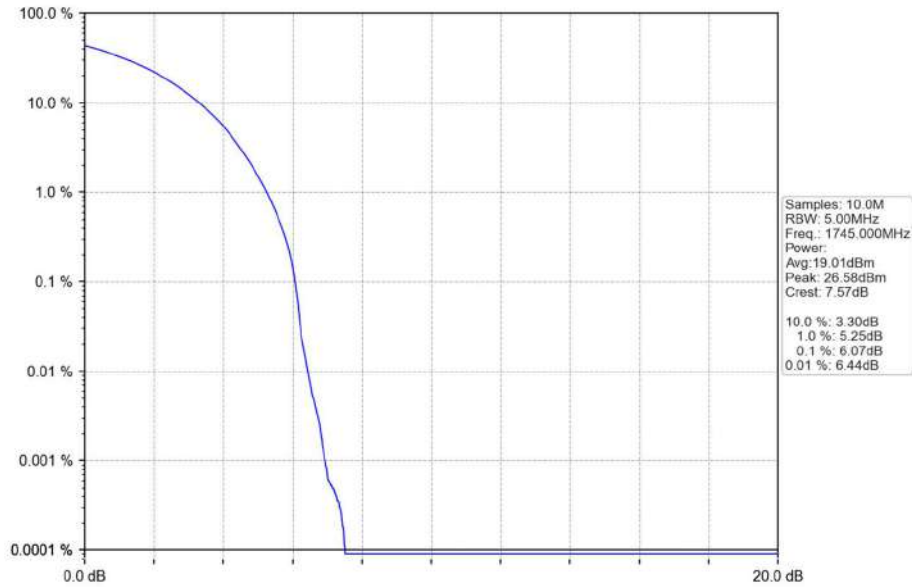
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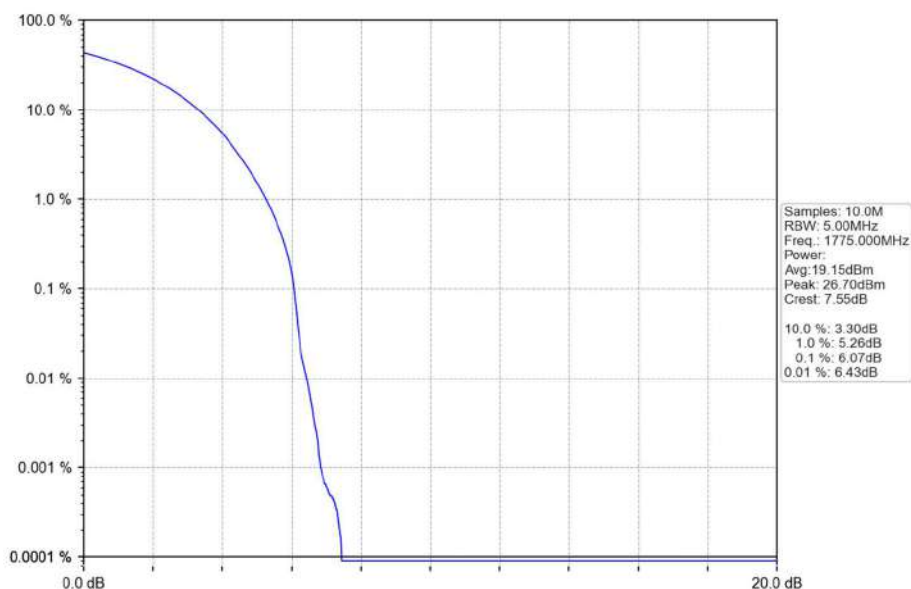
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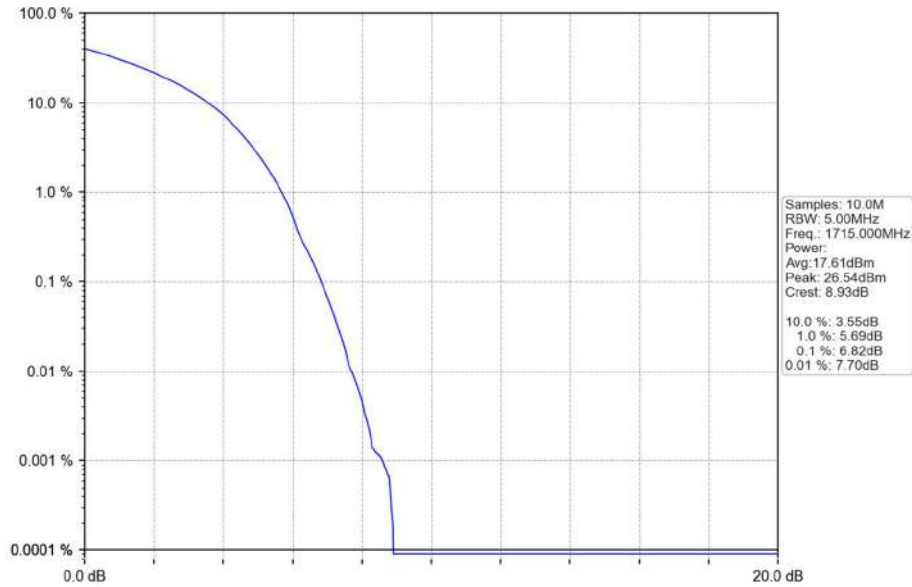
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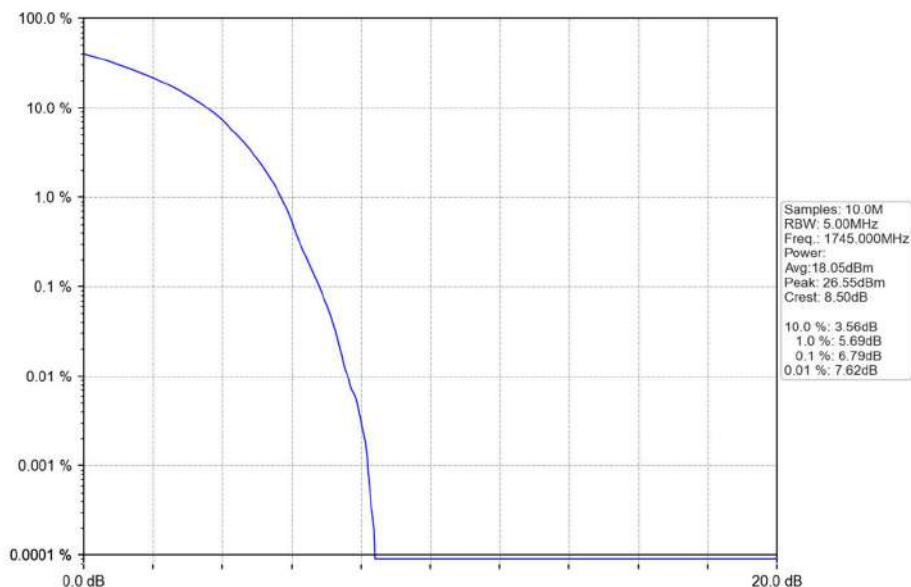
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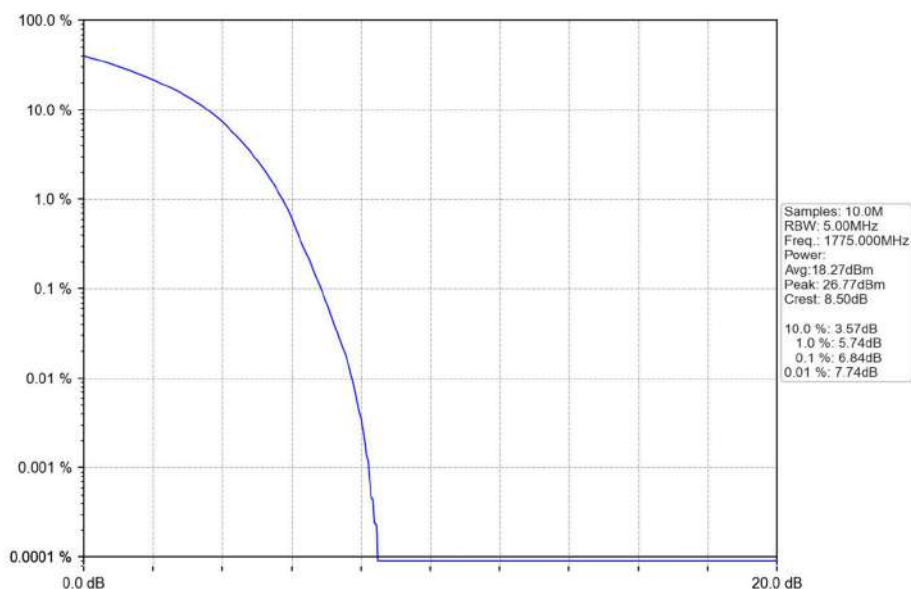
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## 5.5 B66\_15MHz

### 5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.76	<=13	Pass
	1745	75	0	6.73	<=13	Pass
	1772.5	75	0	6.79	<=13	Pass
16QAM	1717.5	75	0	7.34	<=13	Pass
	1745	75	0	7.36	<=13	Pass
	1772.5	75	0	7.32	<=13	Pass

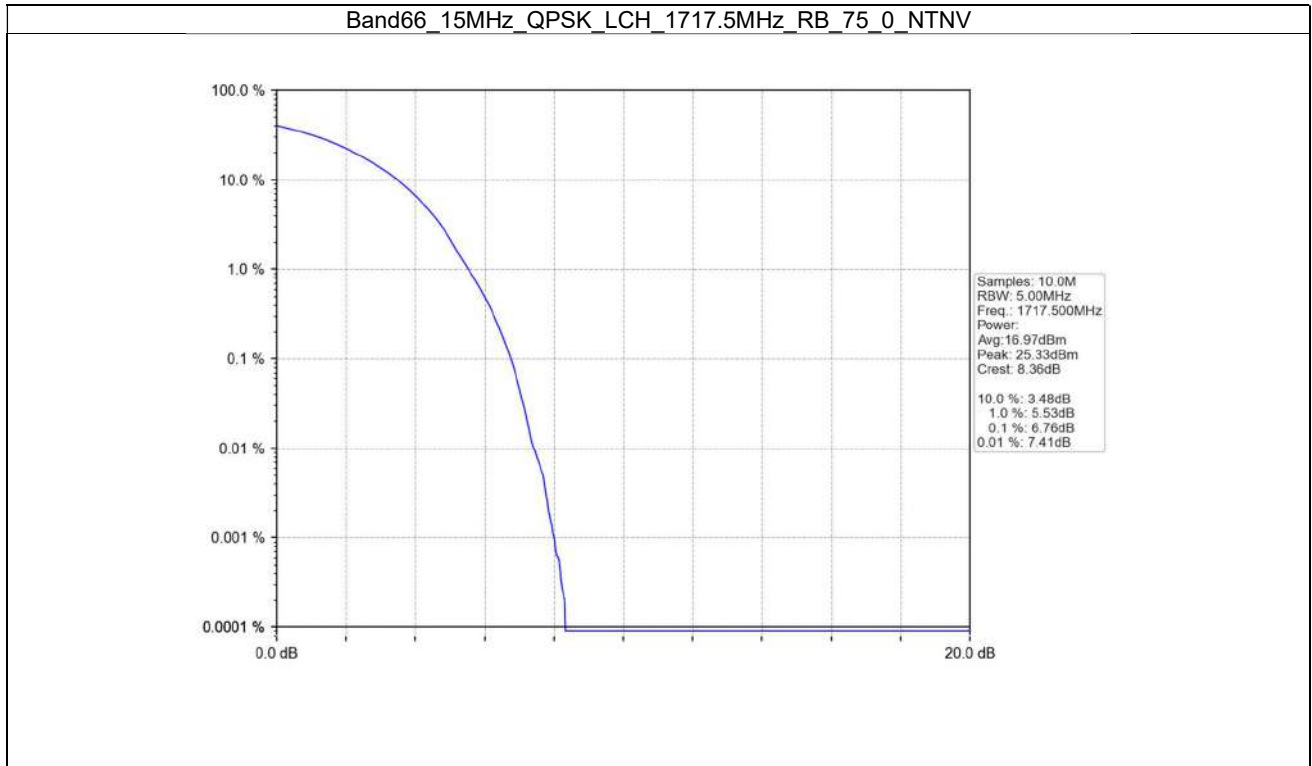


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## 5.5.2 Test Graph



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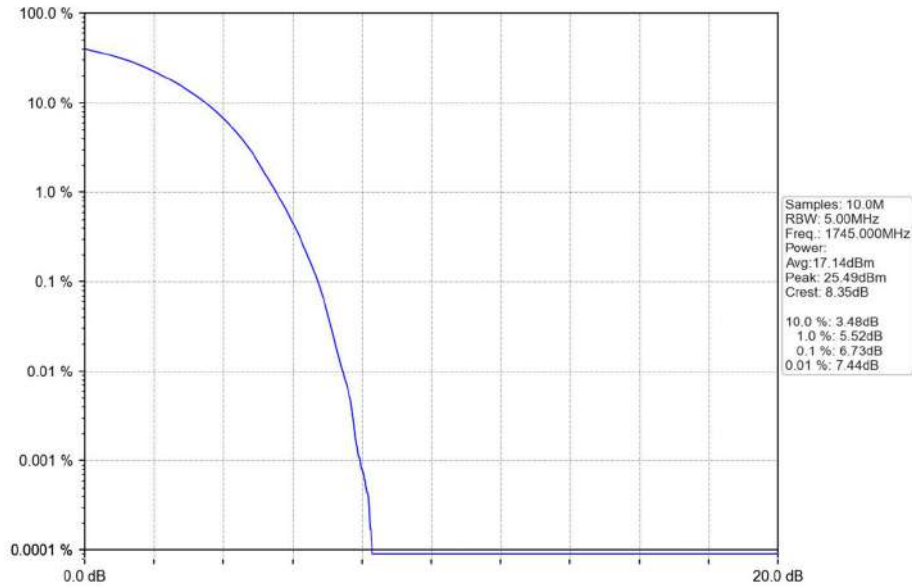
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Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



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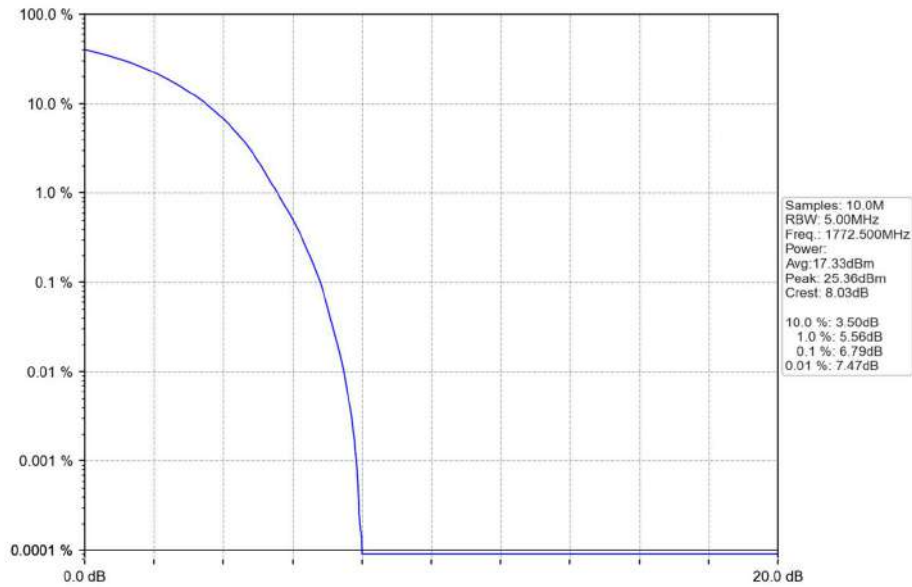
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Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



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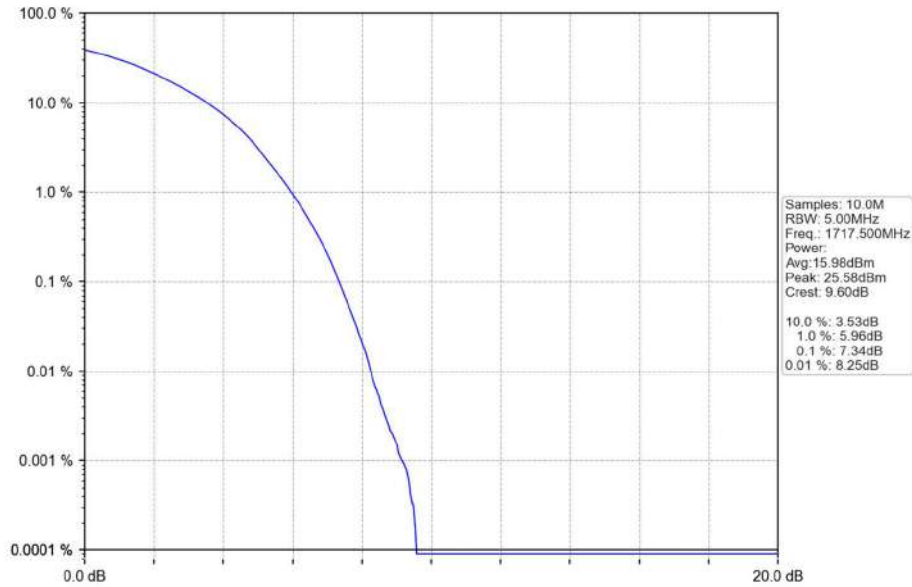
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Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



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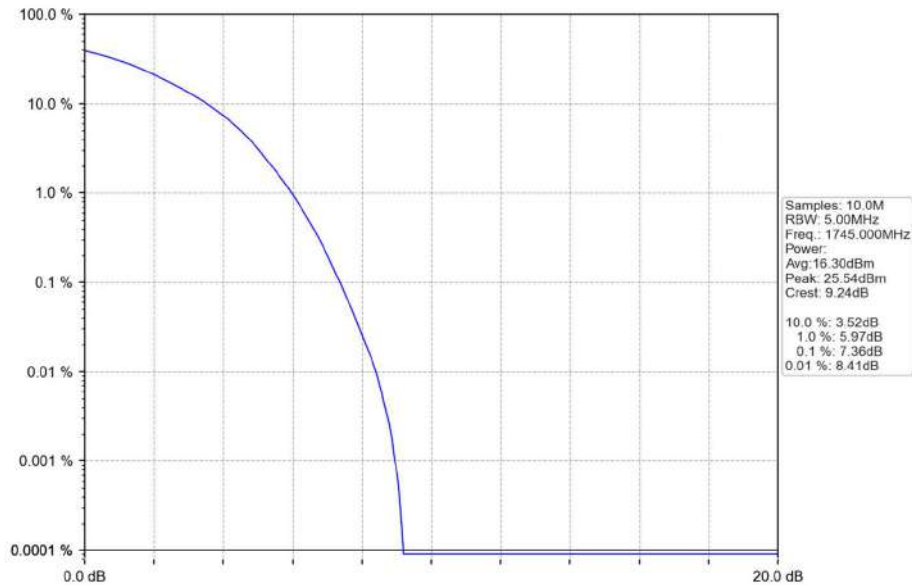
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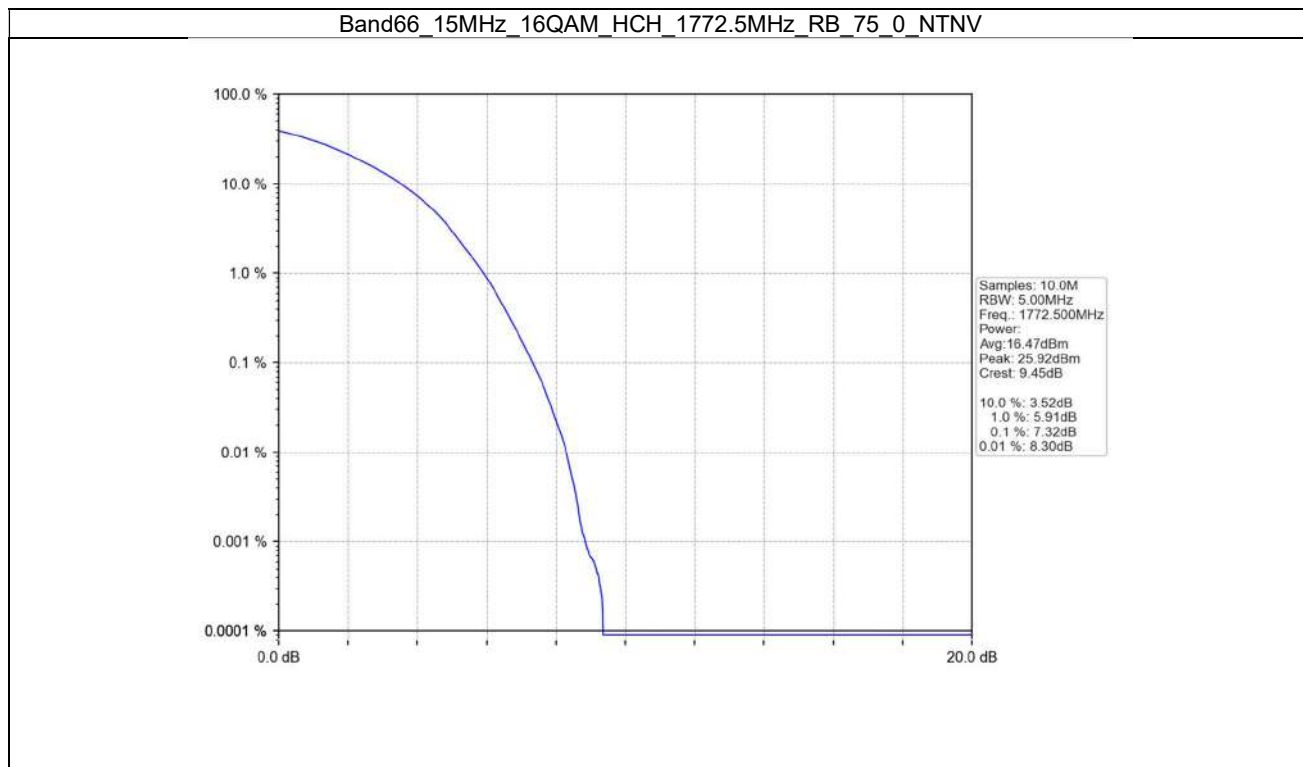


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## 5.6 B66\_20MHz

### 5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	7.06	<=13	Pass
	1745	100	0	7.19	<=13	Pass
	1770	100	0	7.17	<=13	Pass
16QAM	1720	100	0	7.49	<=13	Pass
	1745	100	0	7.59	<=13	Pass
	1770	100	0	7.61	<=13	Pass



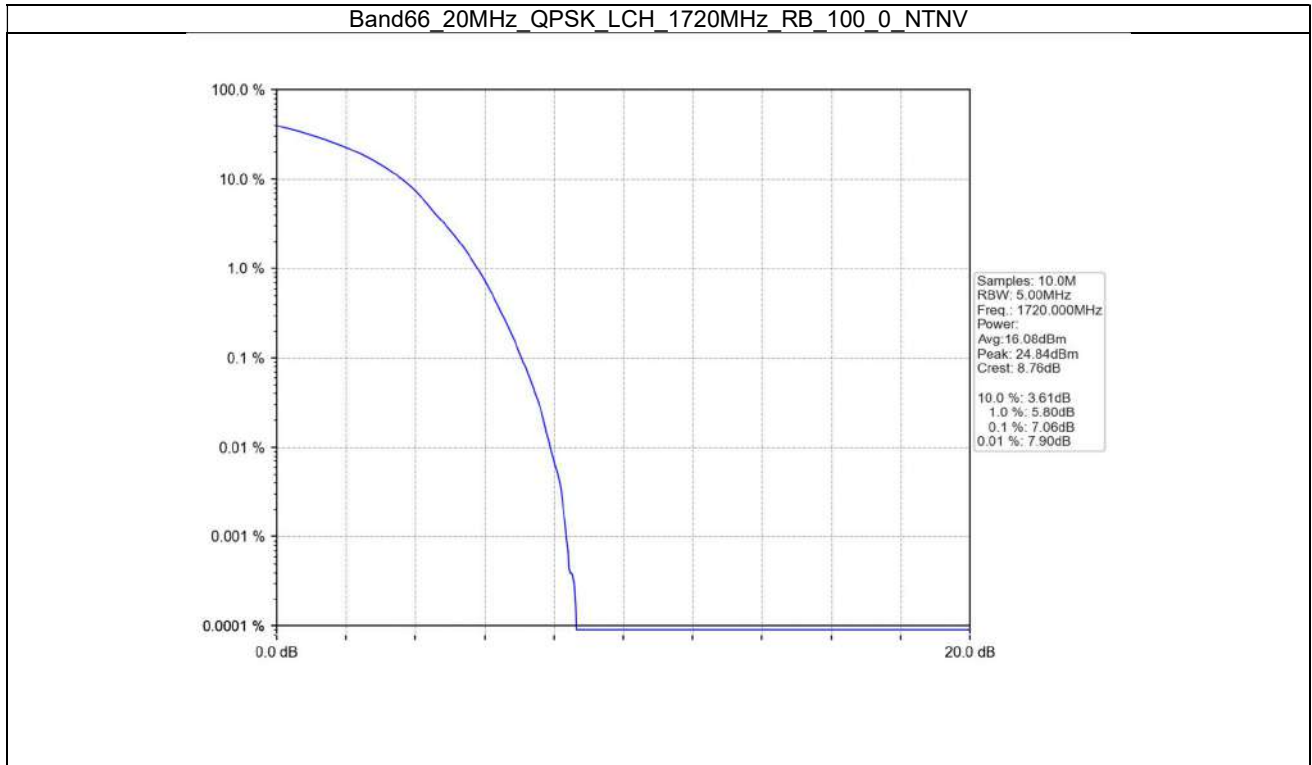
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## 5.6.2 Test Graph



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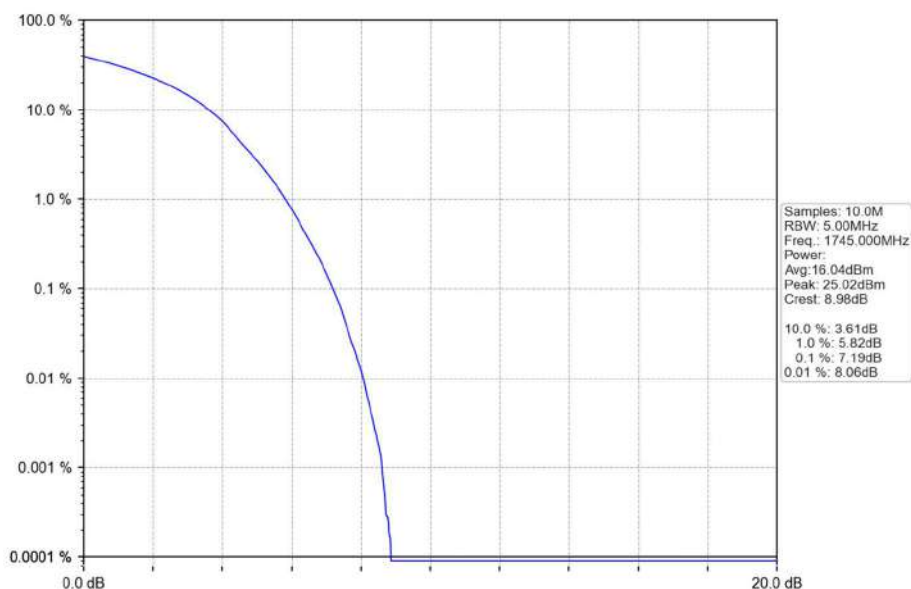
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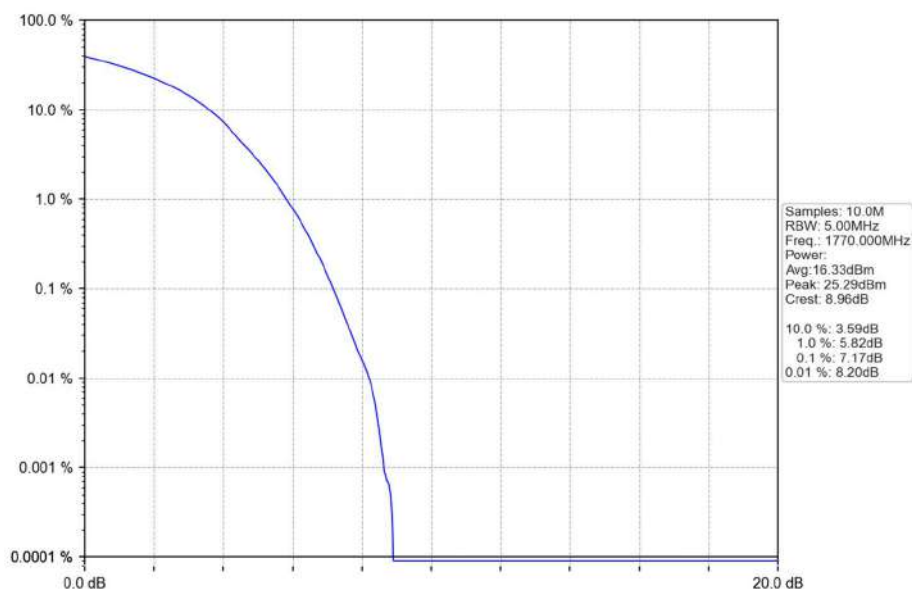
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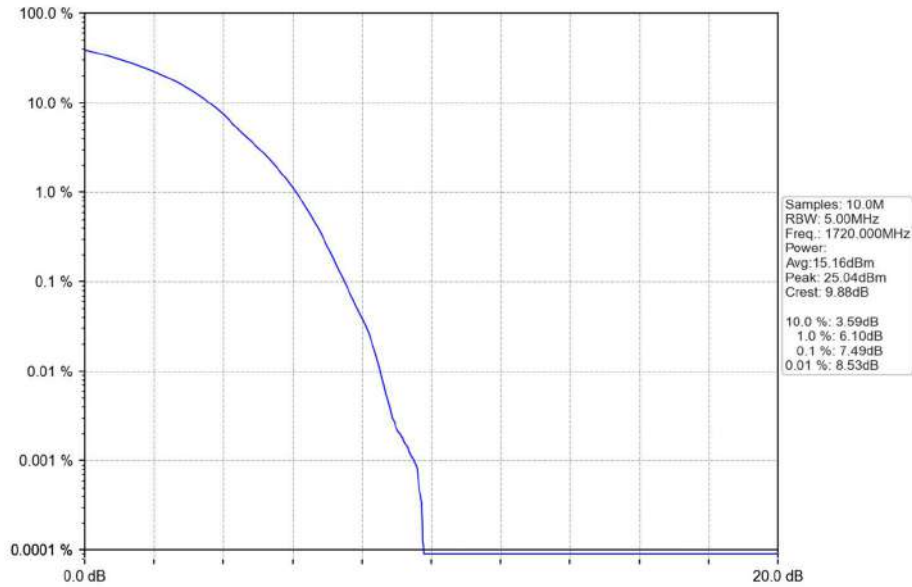
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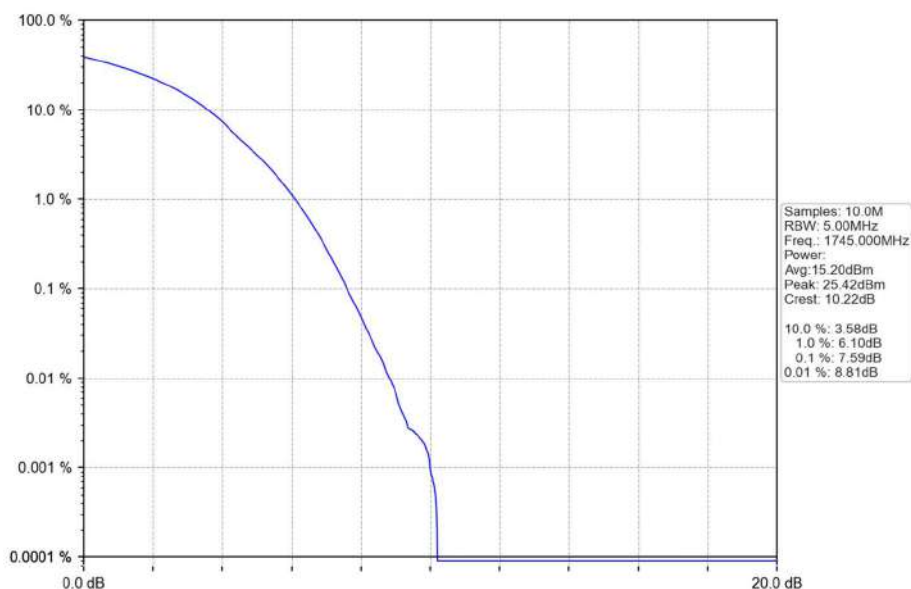
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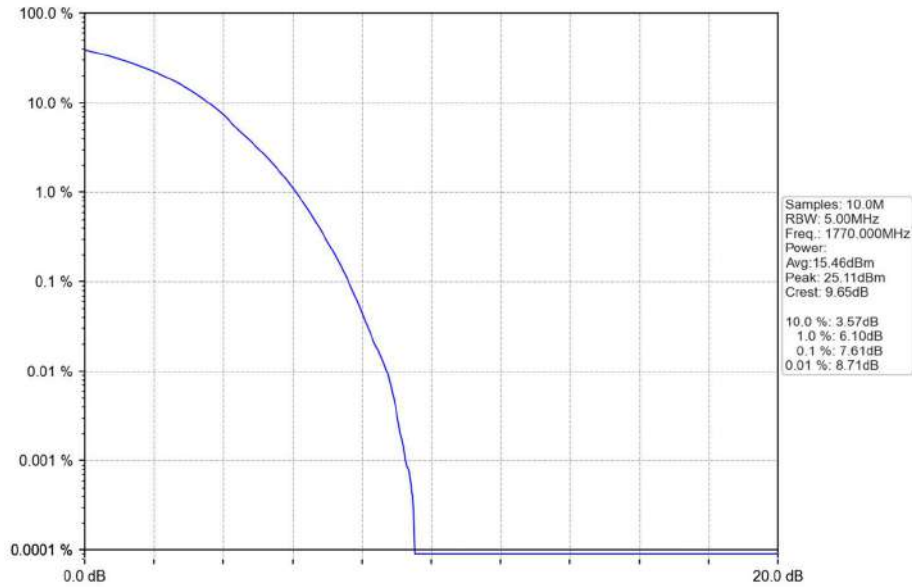
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## 6. Spurious Emission

### 6.1 B66\_1.4MHz

#### 6.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1710.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	1710.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.



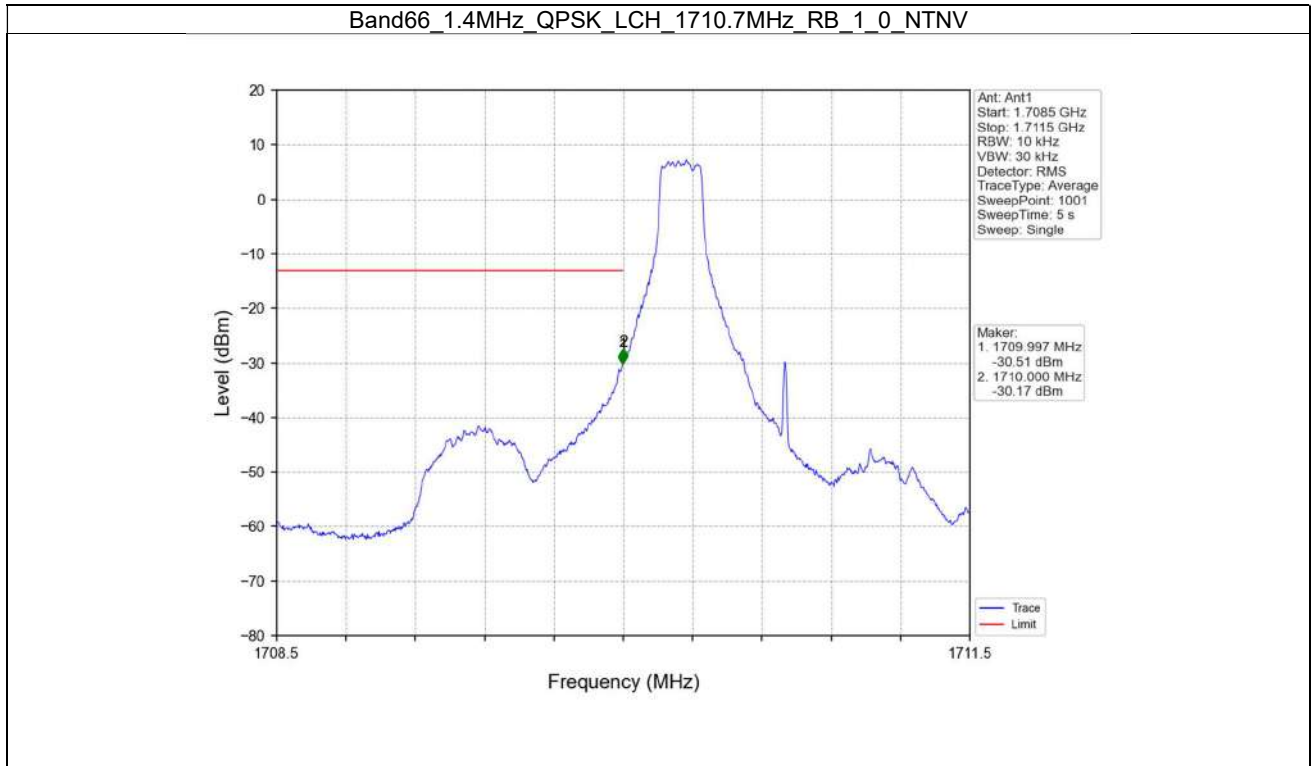
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## 6.1.2 Test Graph



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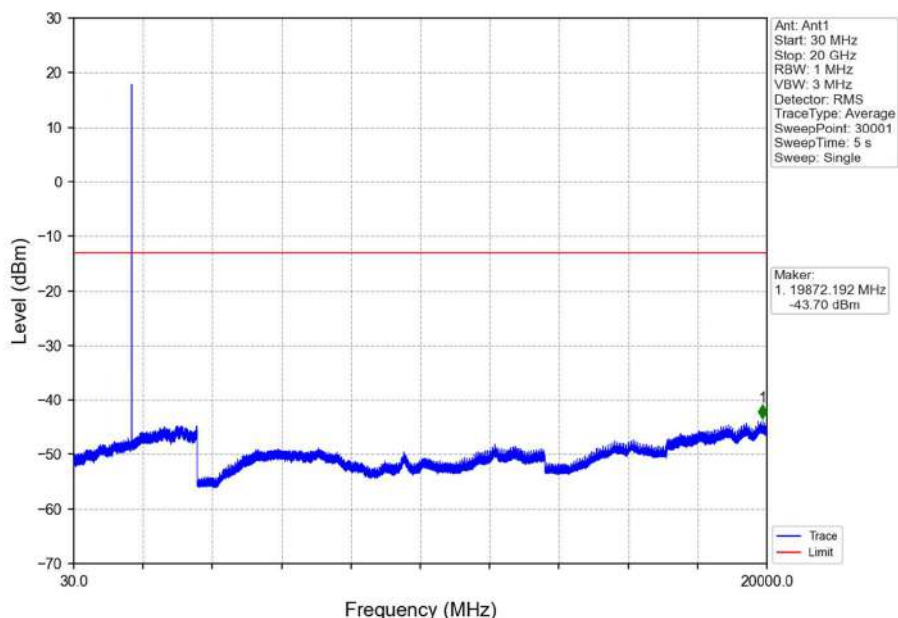
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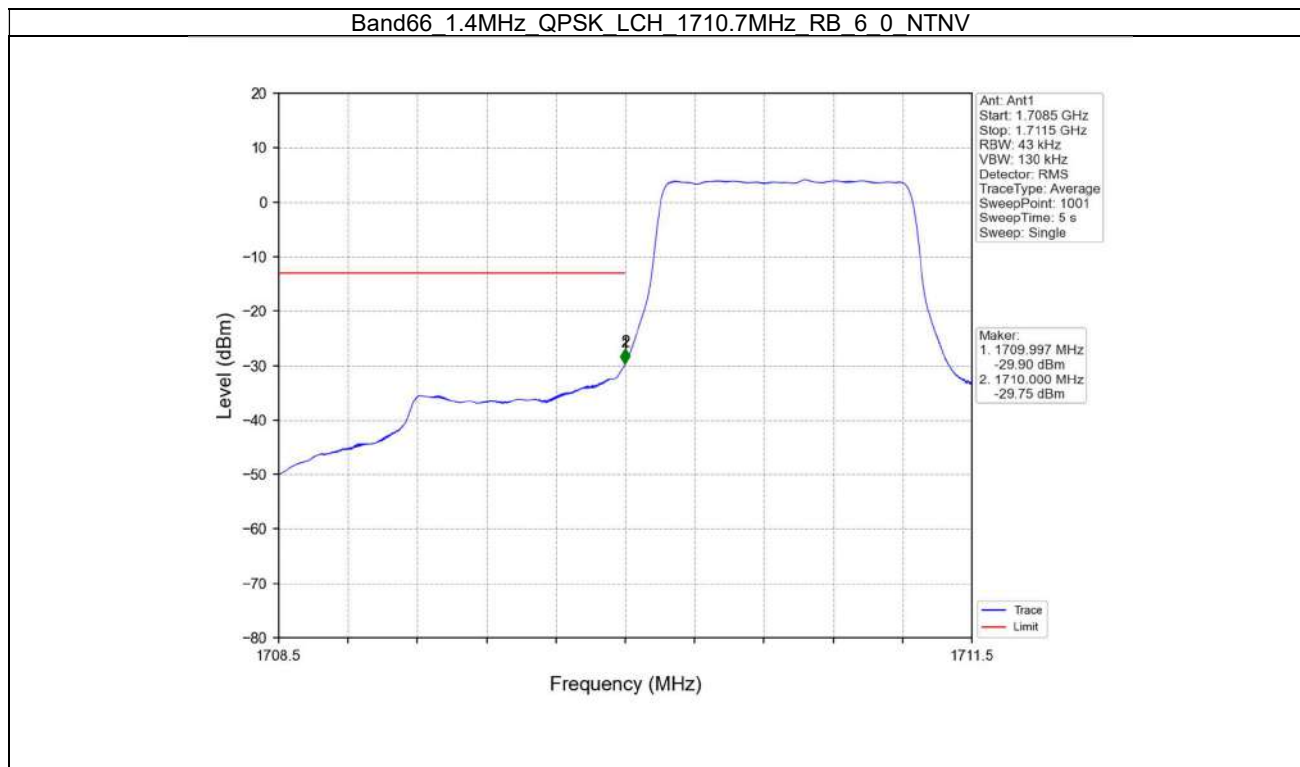
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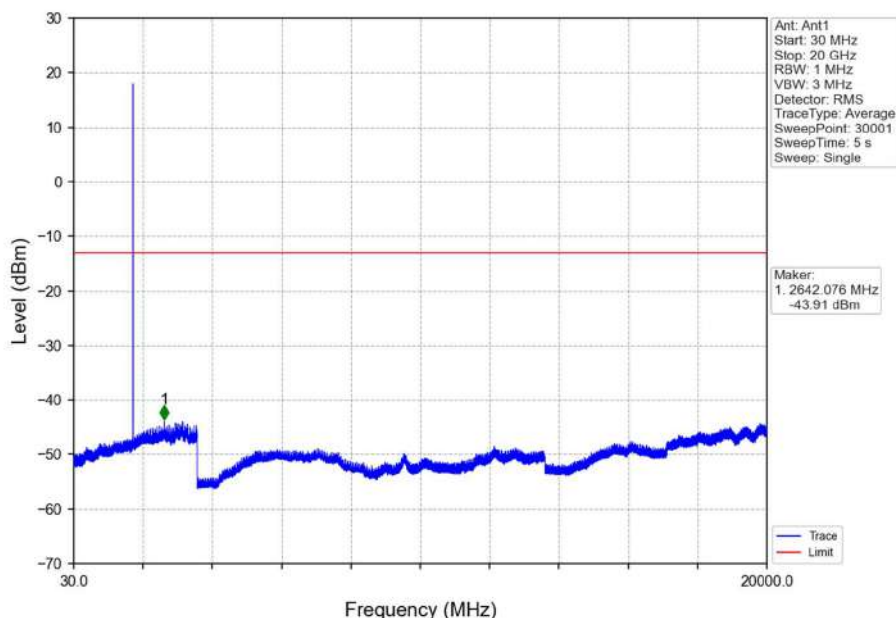
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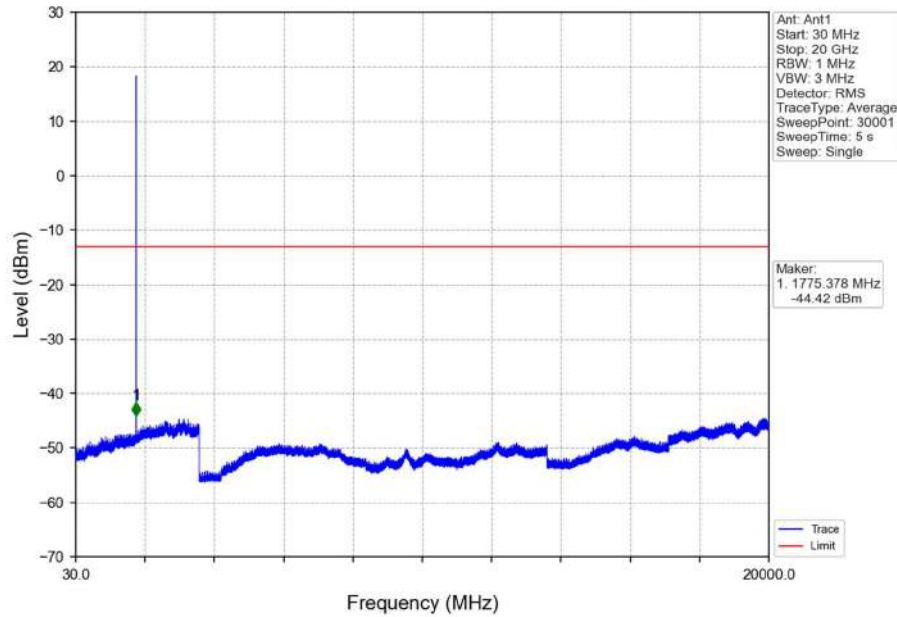
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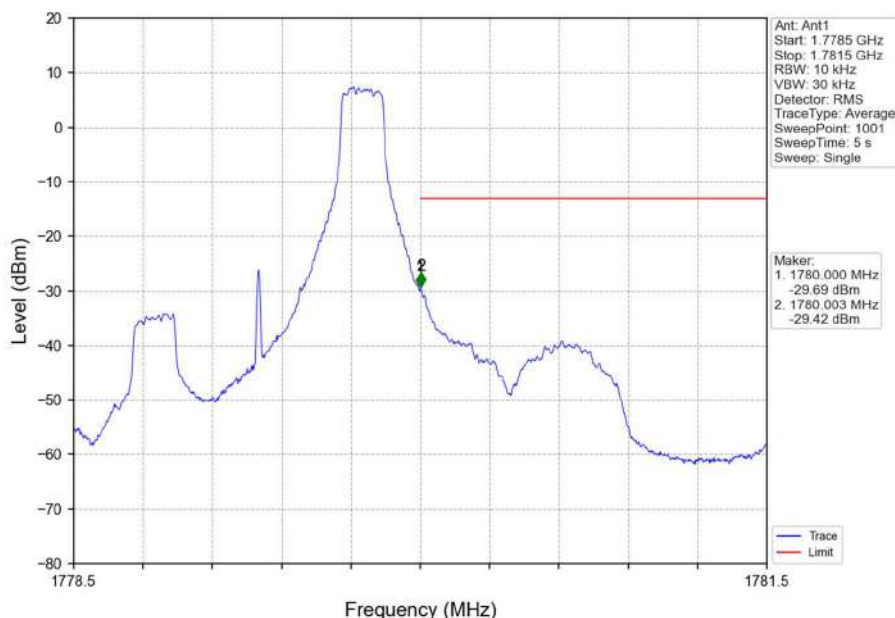
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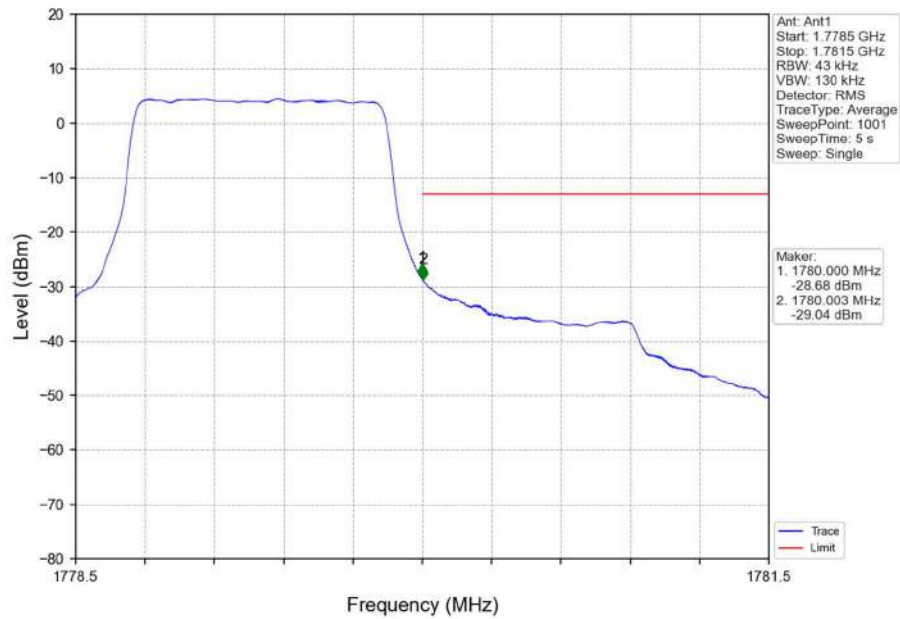
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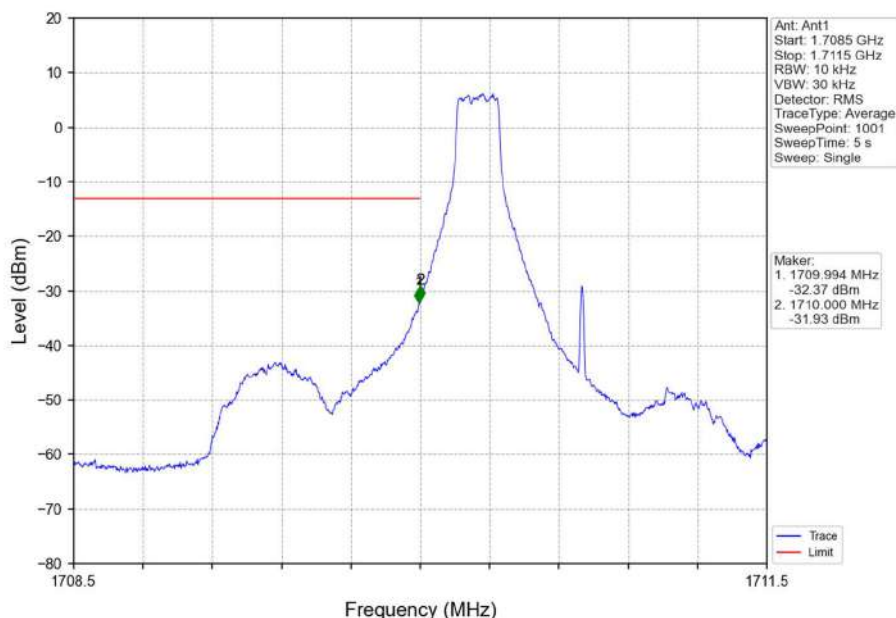
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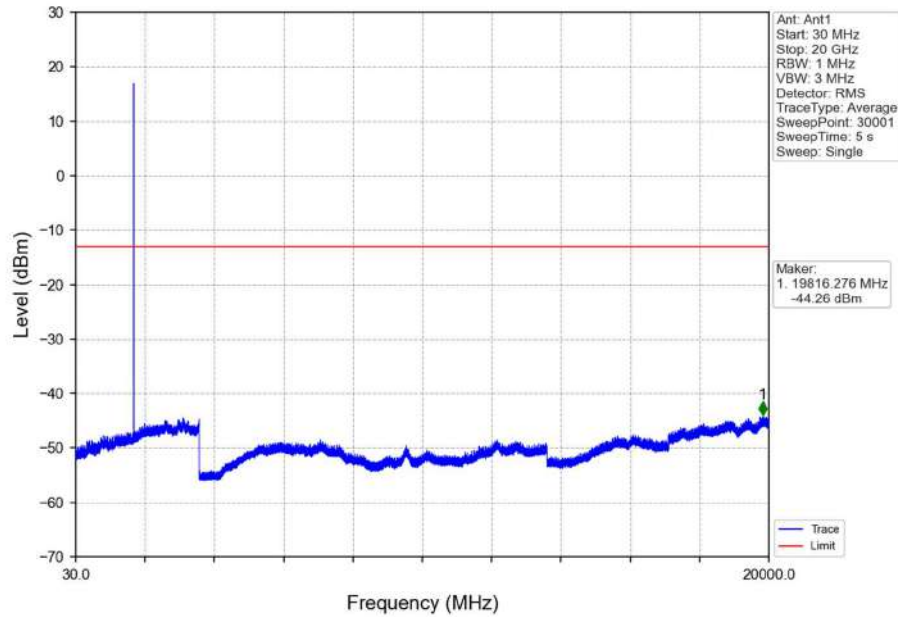
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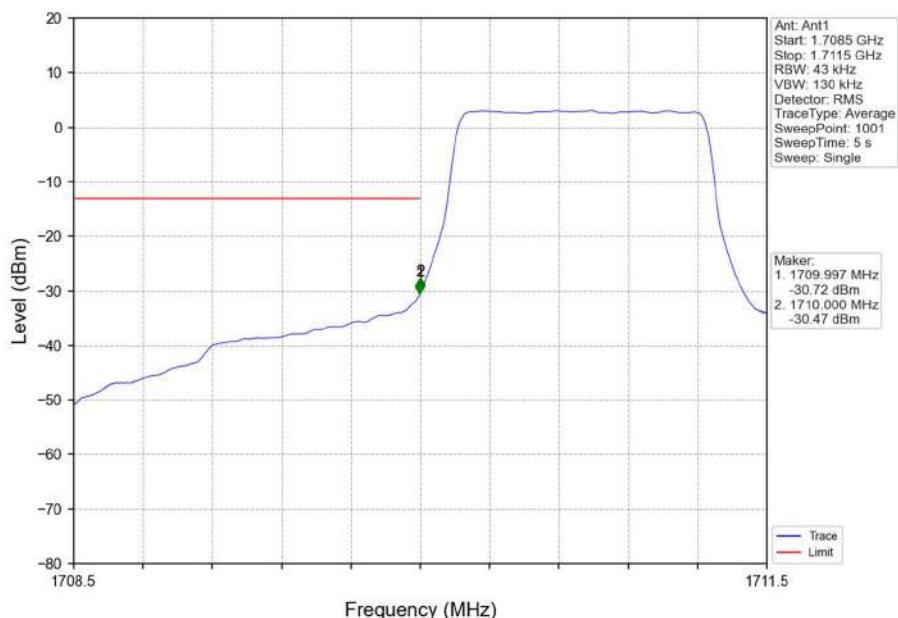
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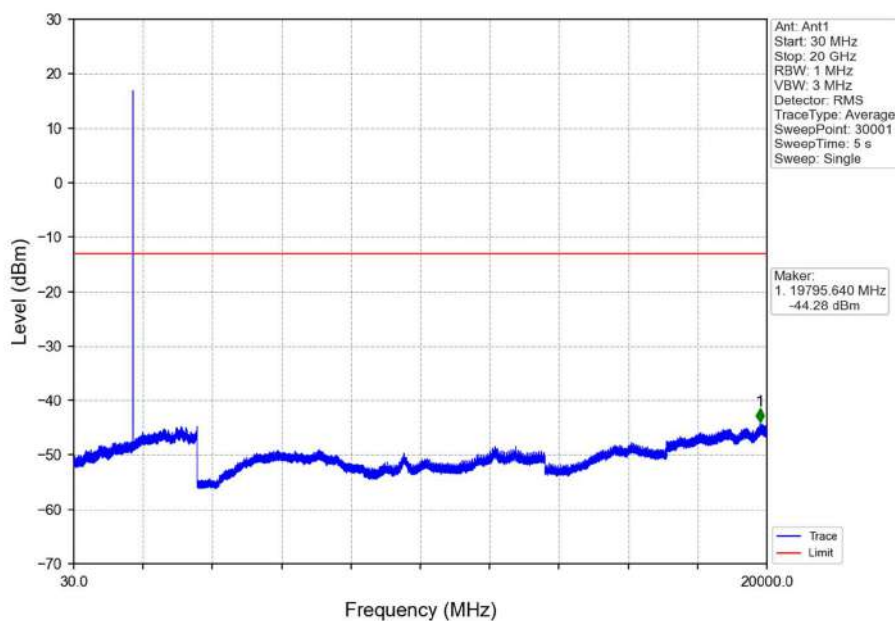
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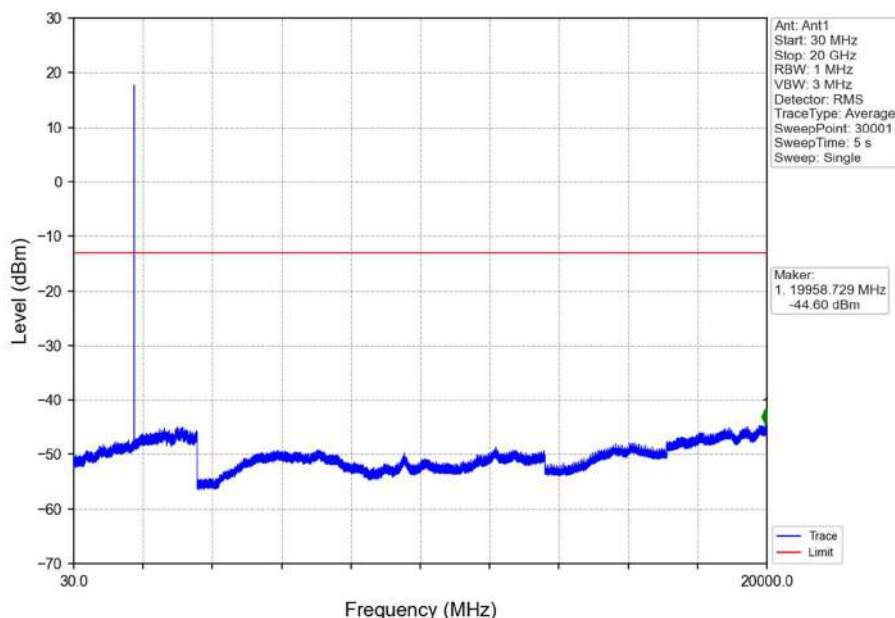
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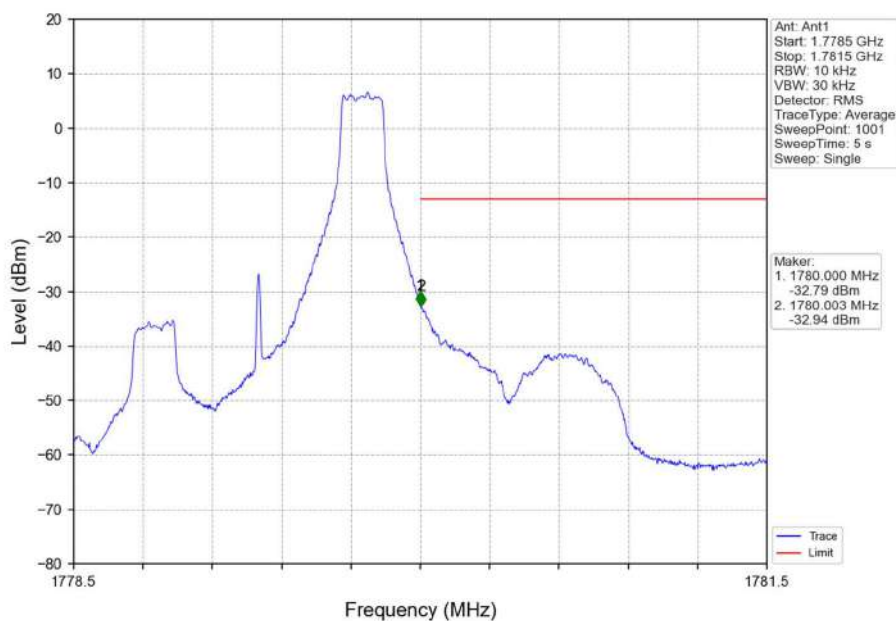
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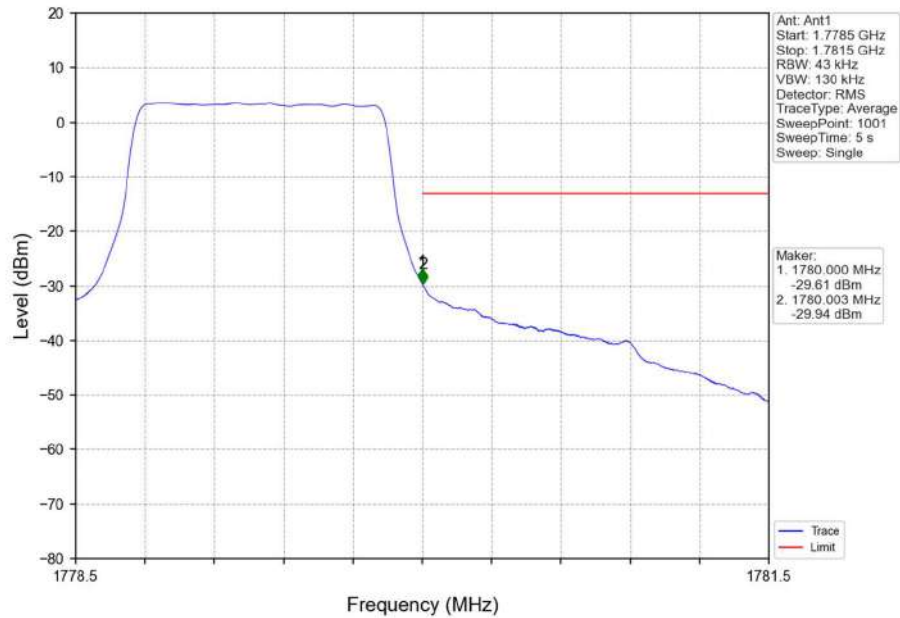
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## 6.2 B66\_3MHz

### 6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



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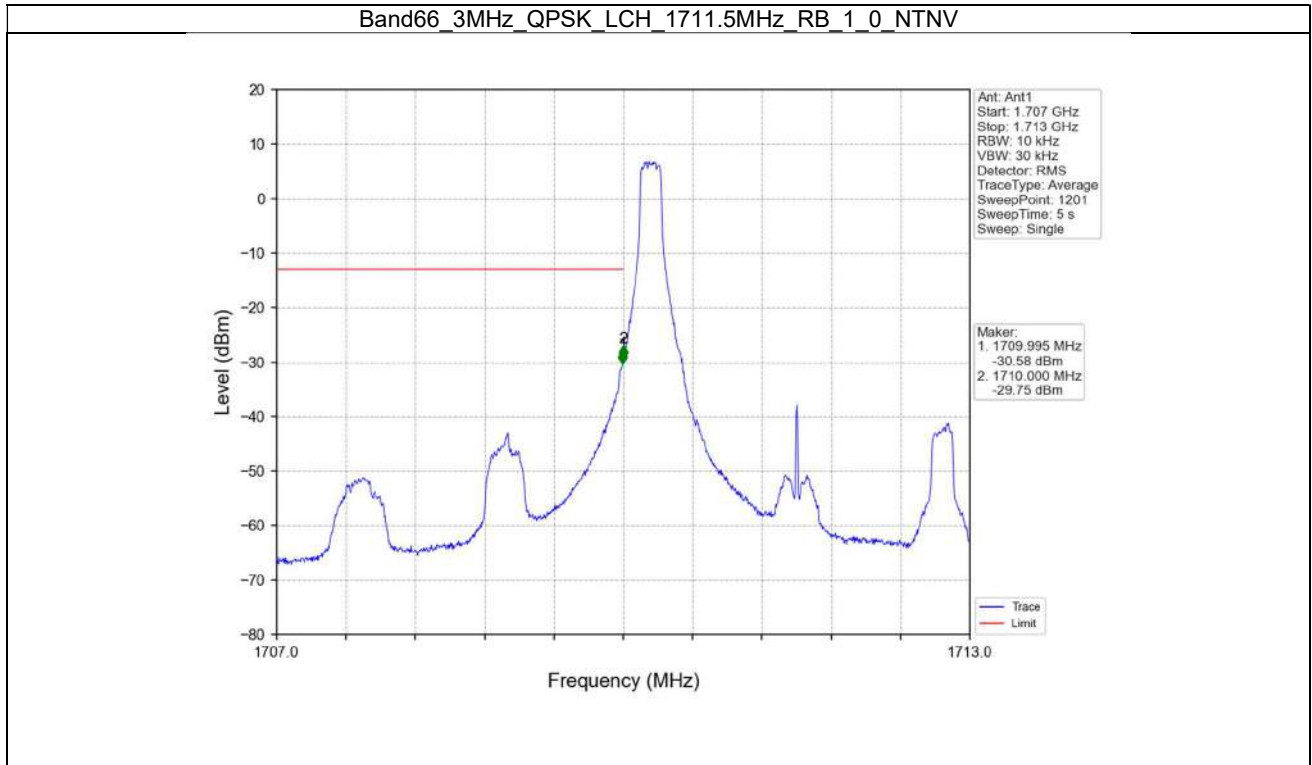
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## 6.2.2 Test Graph



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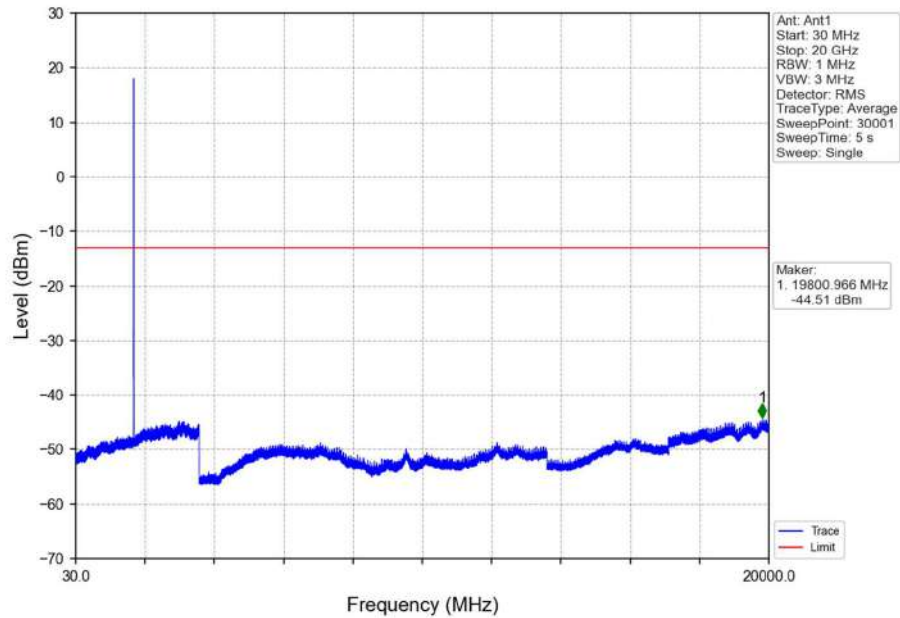
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Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



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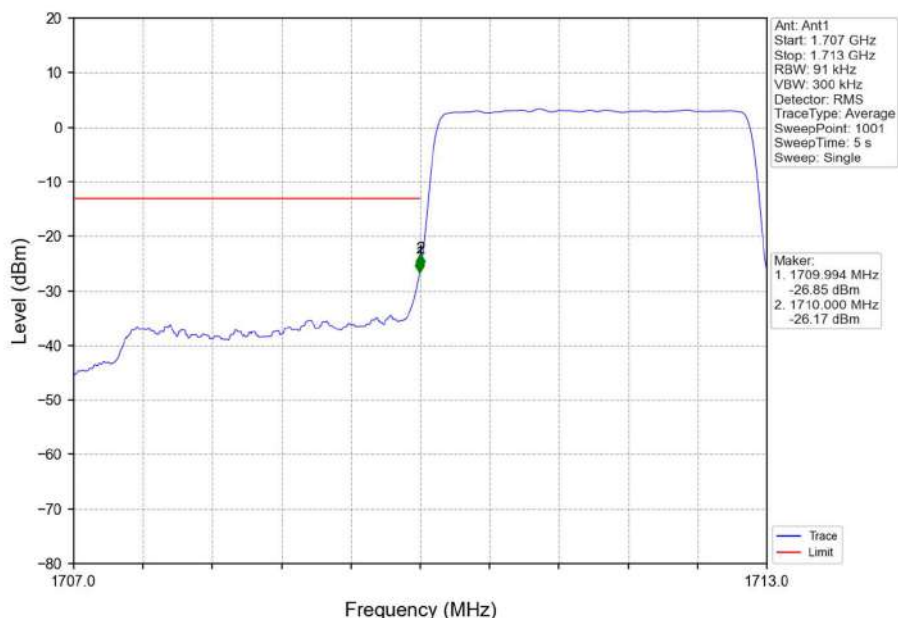
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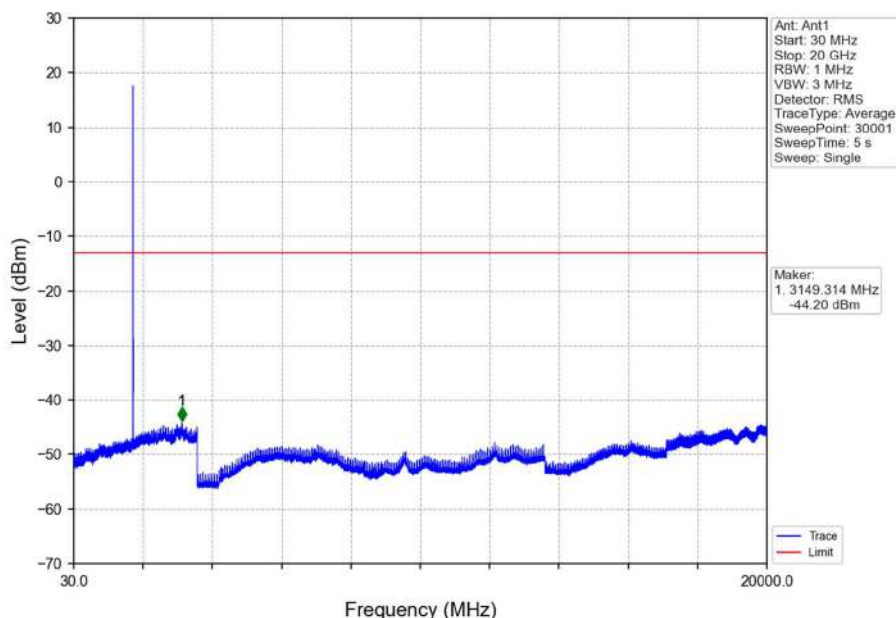
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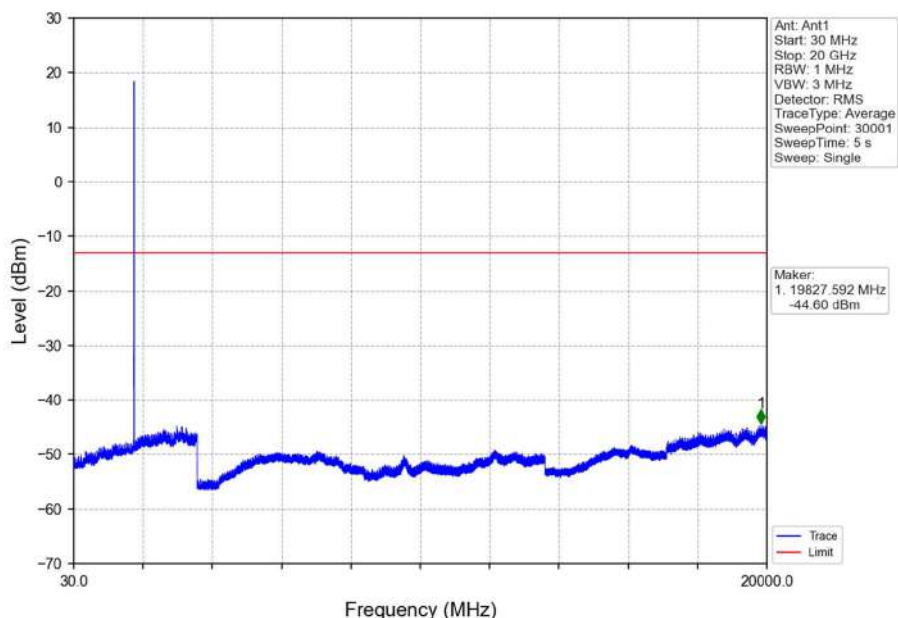
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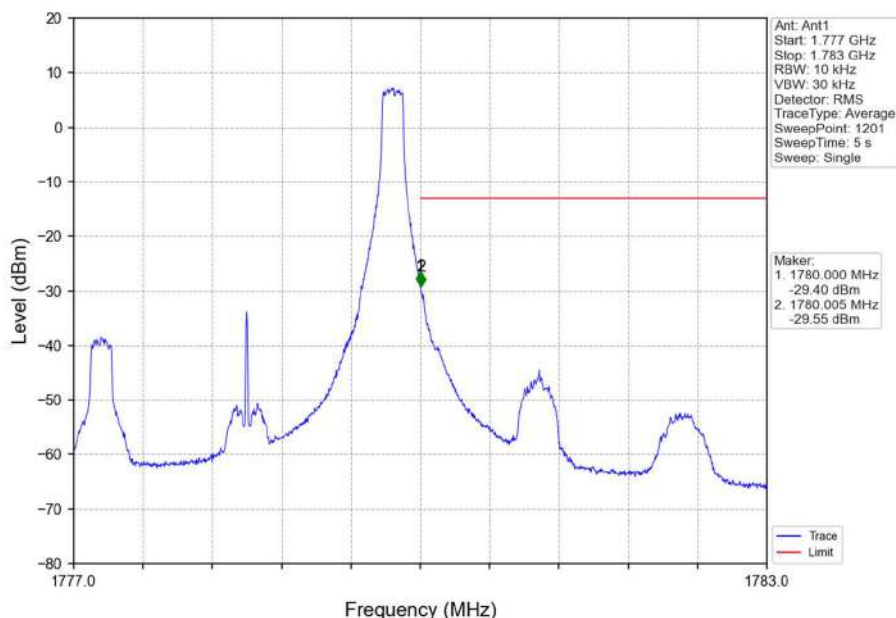
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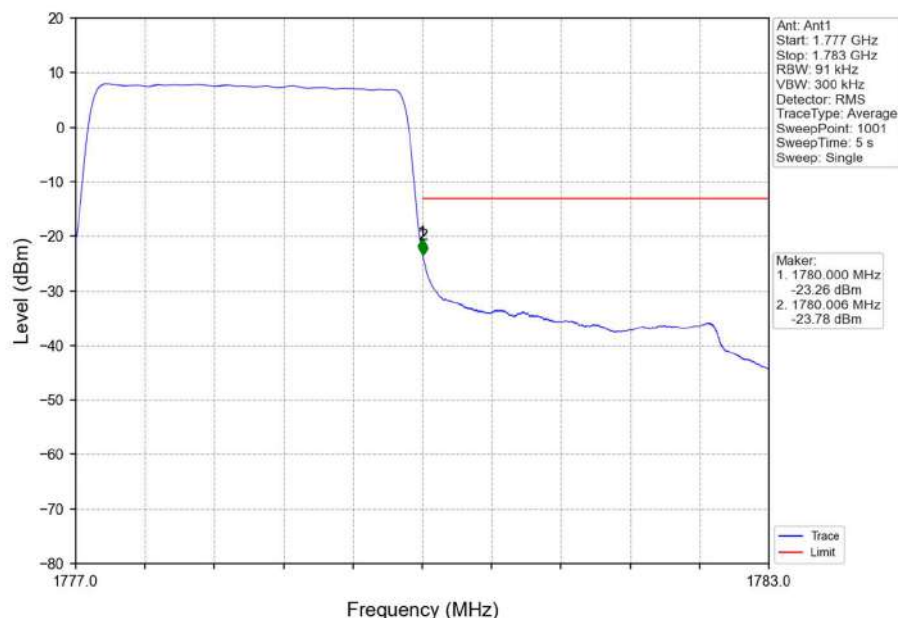
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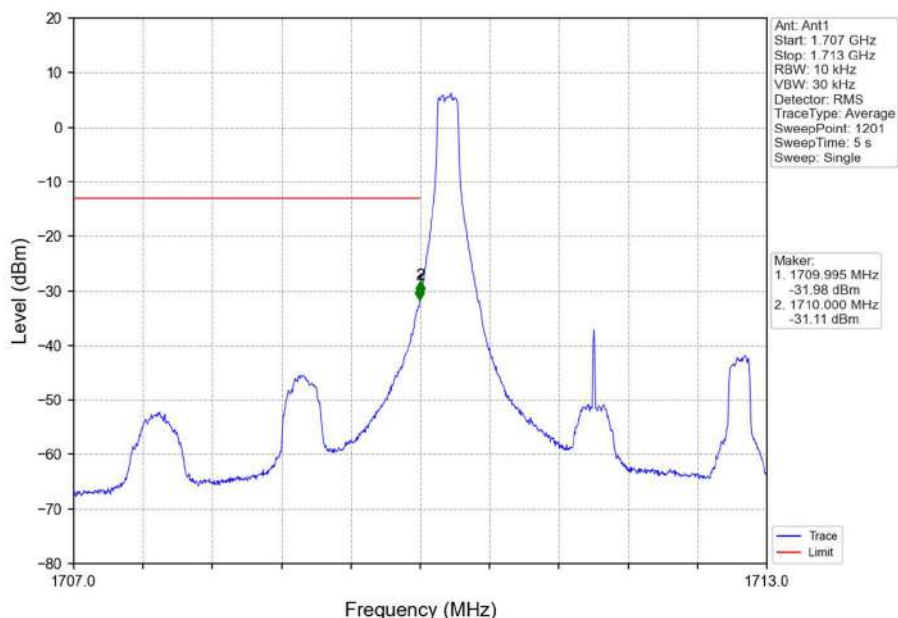
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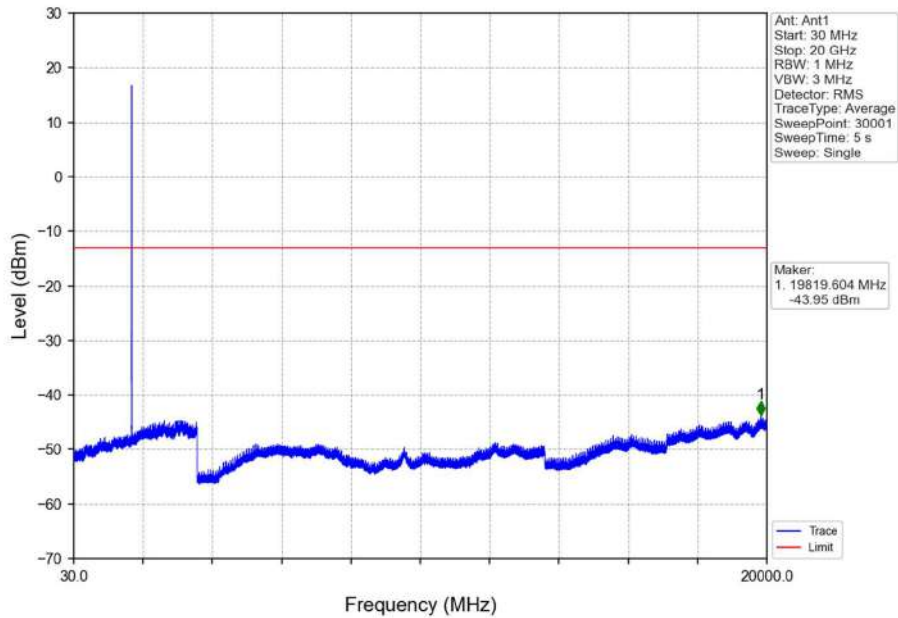
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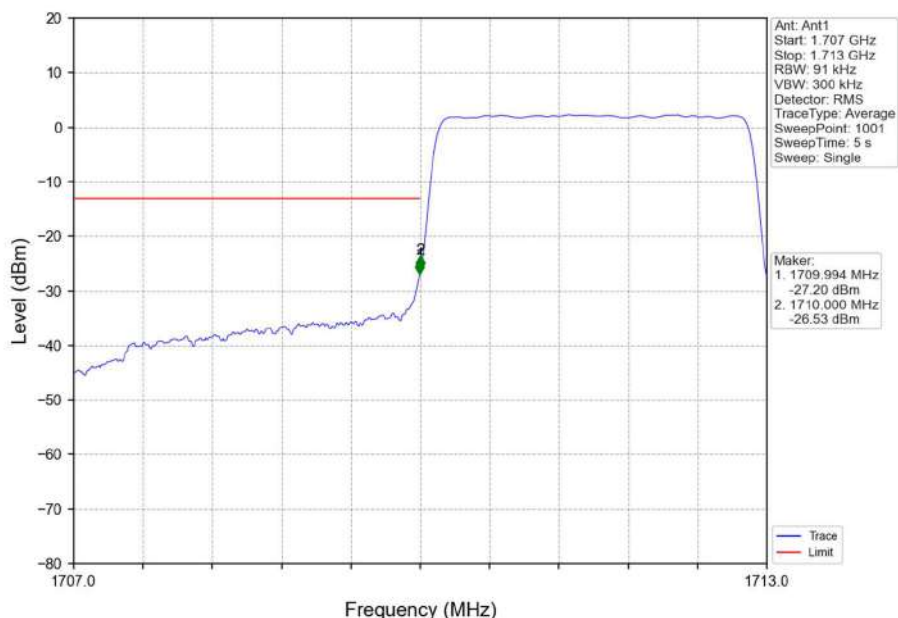
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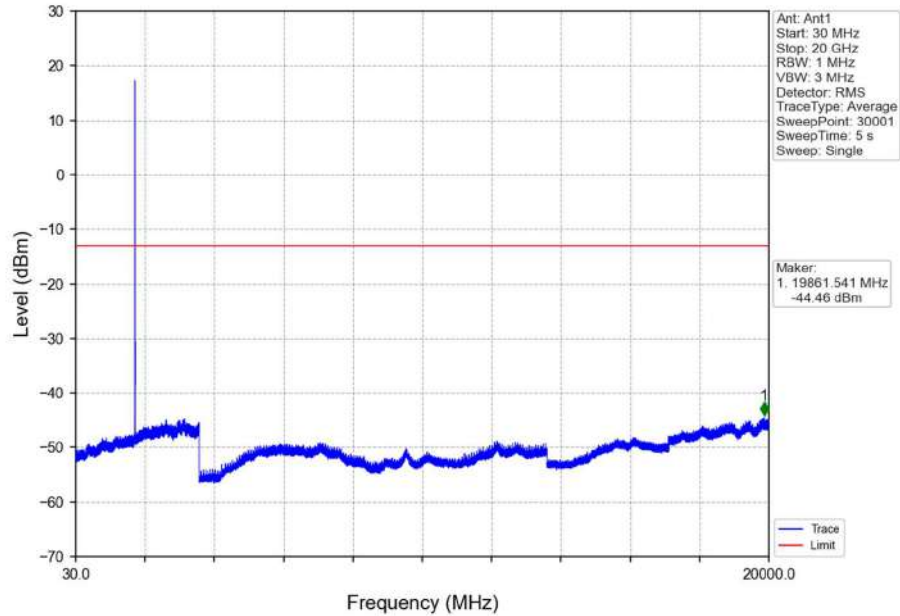
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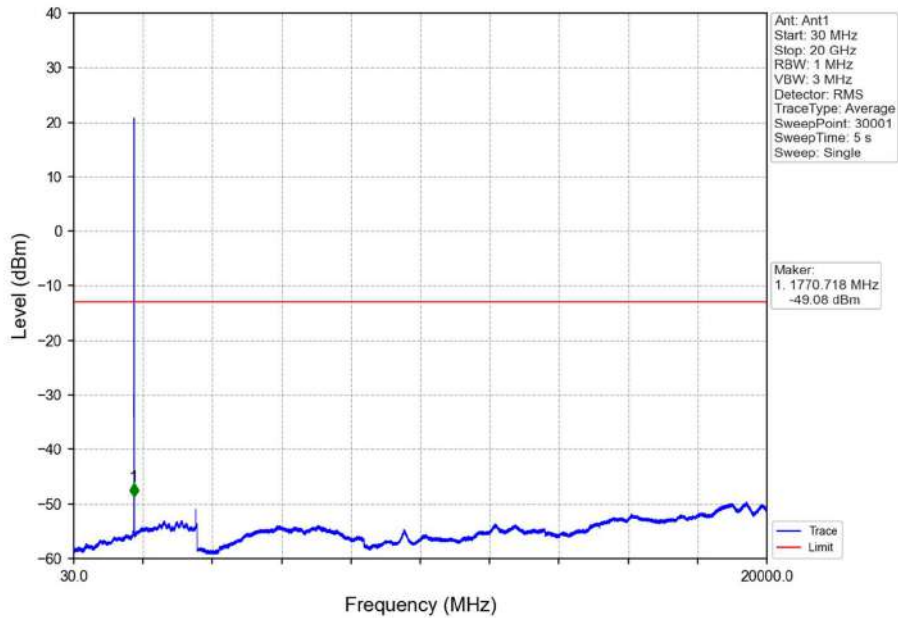
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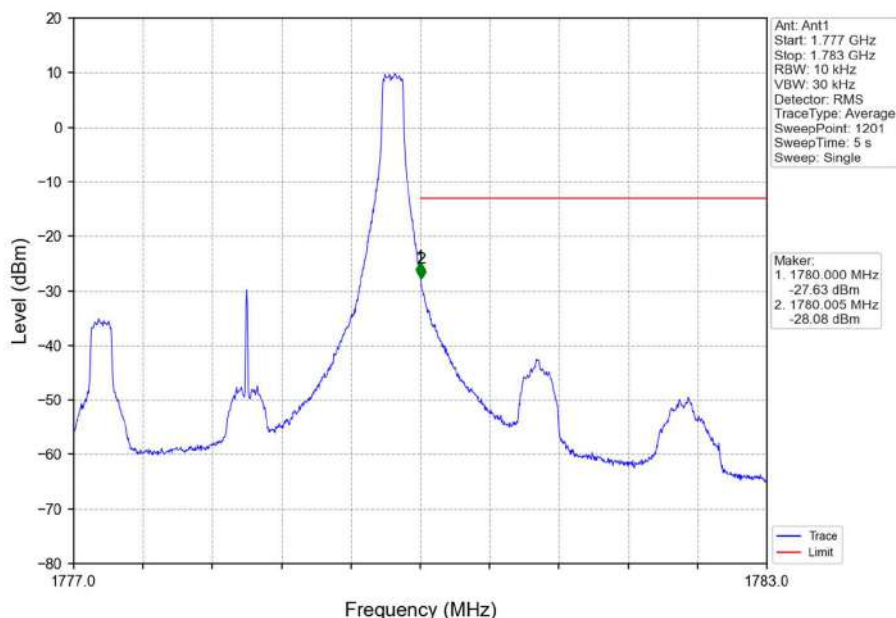
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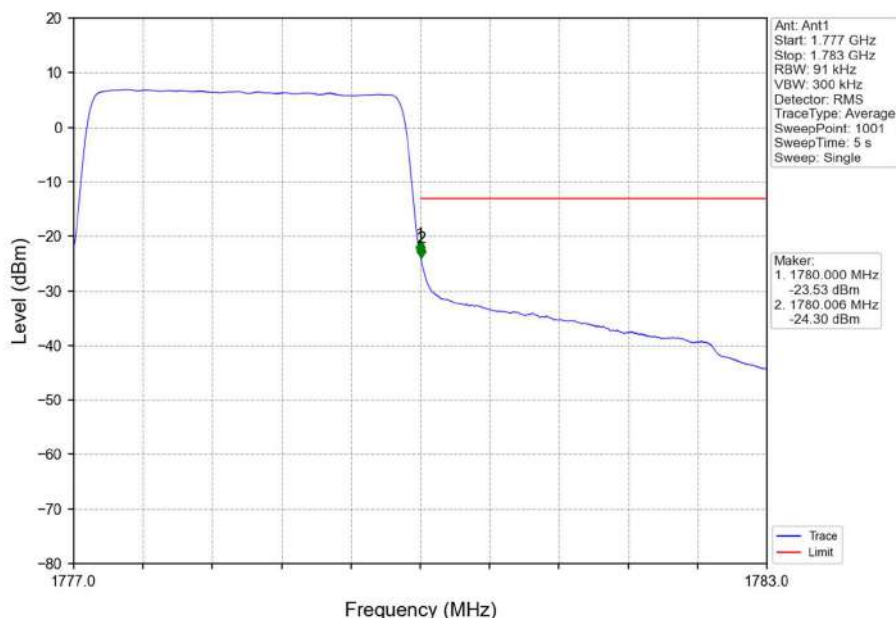
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## 6.3 B66\_5MHz

### 6.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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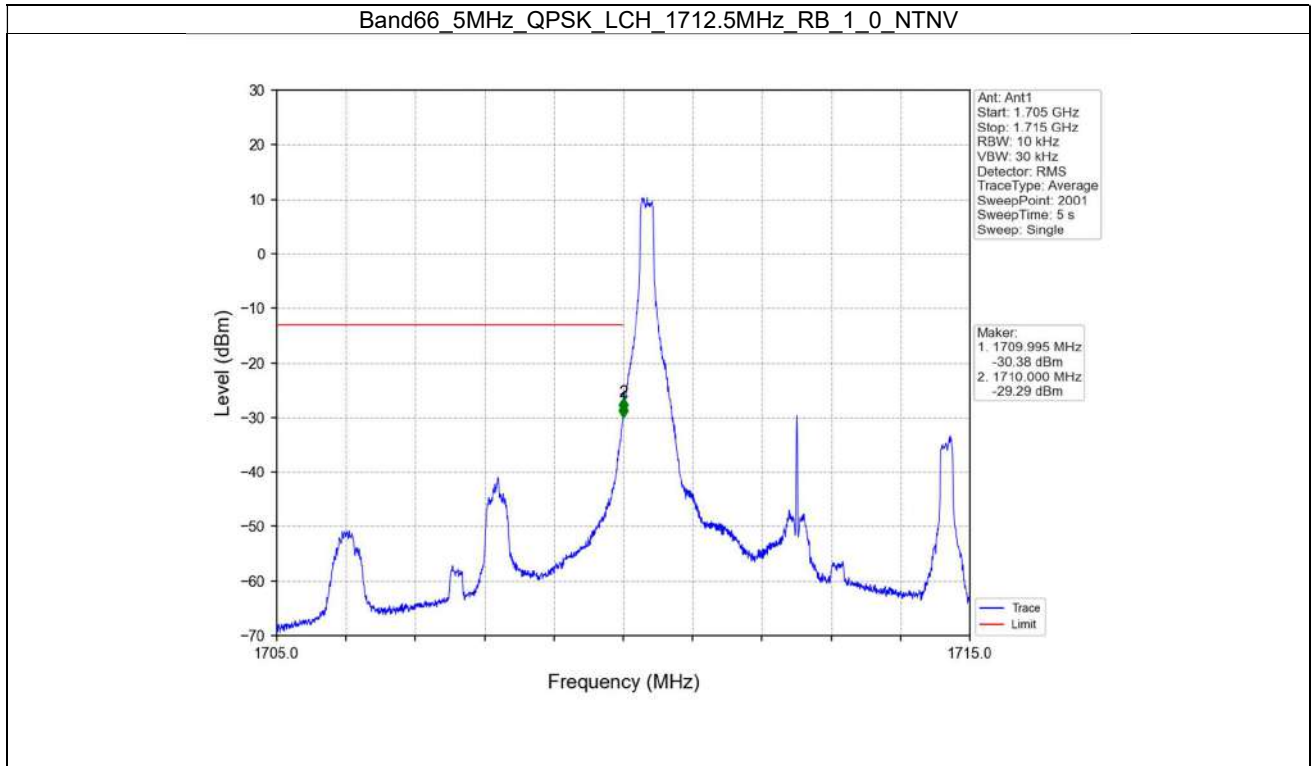
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### 6.3.2 Test Graph



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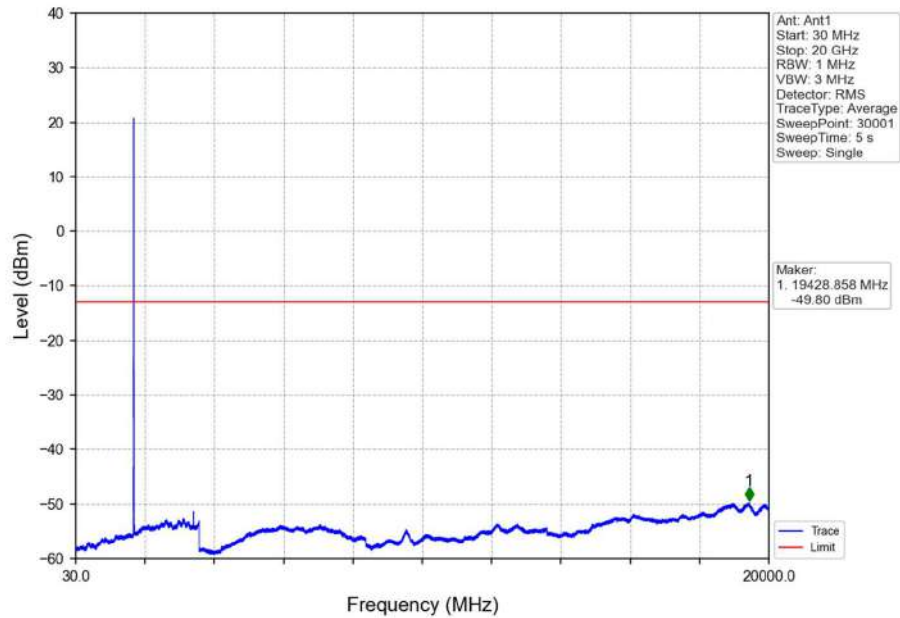
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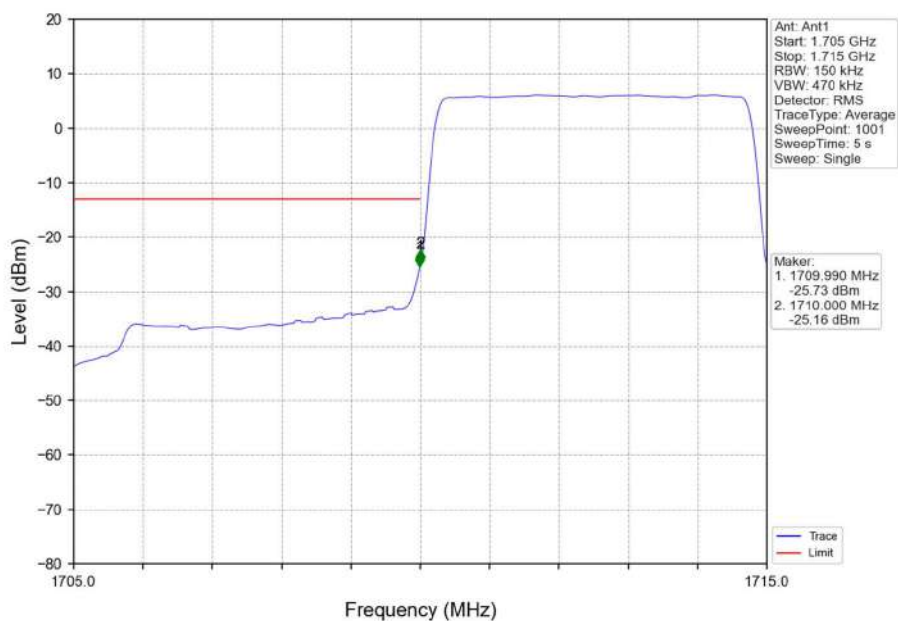
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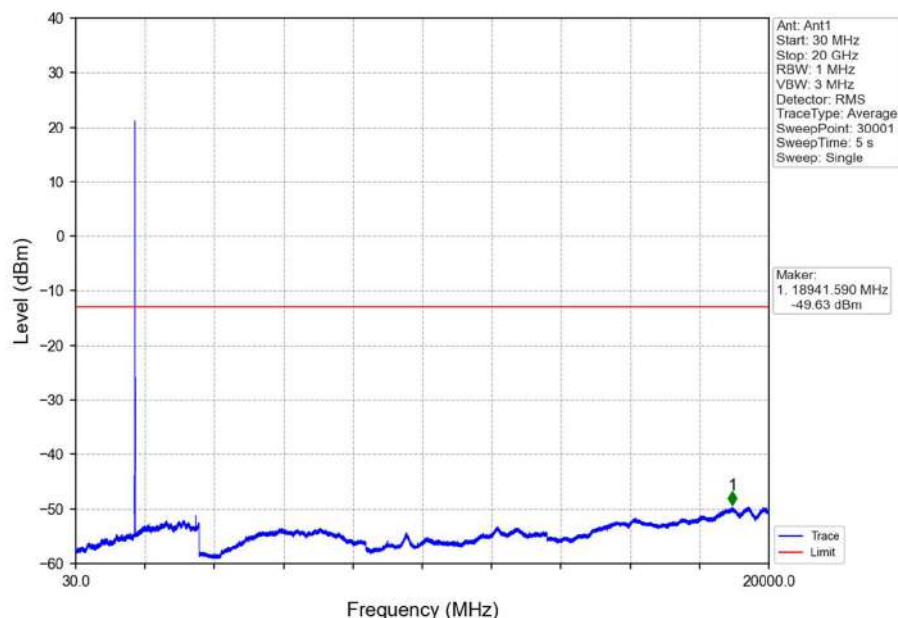
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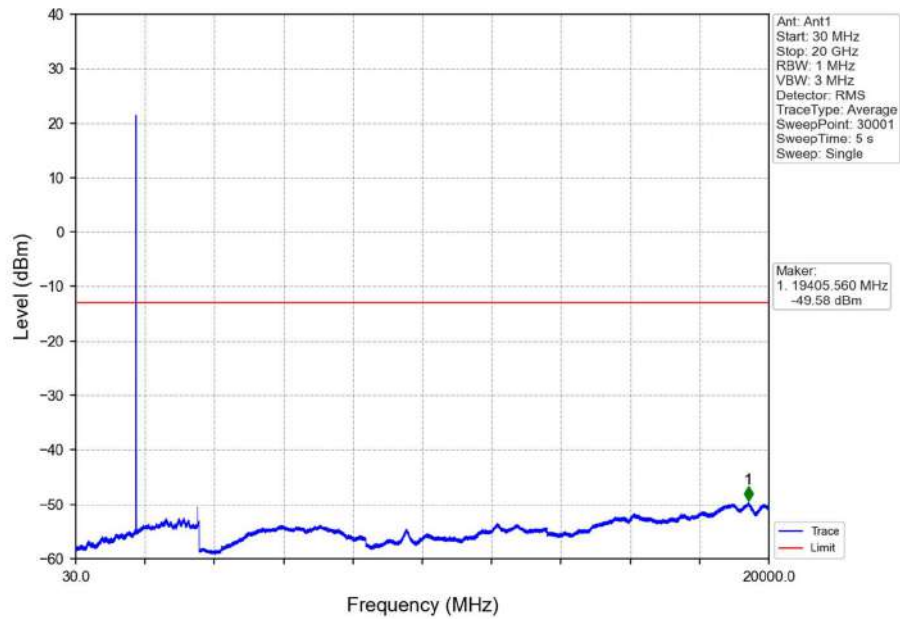
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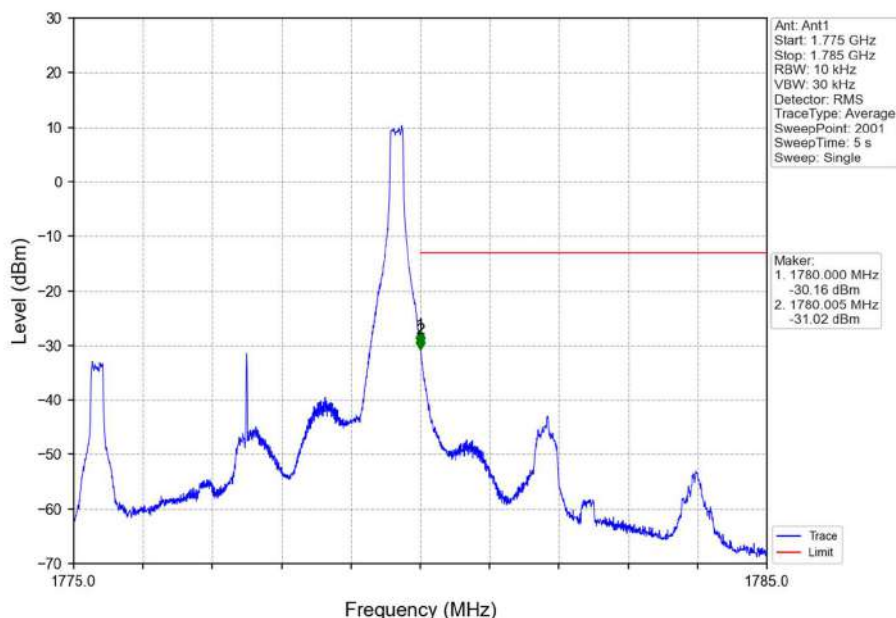
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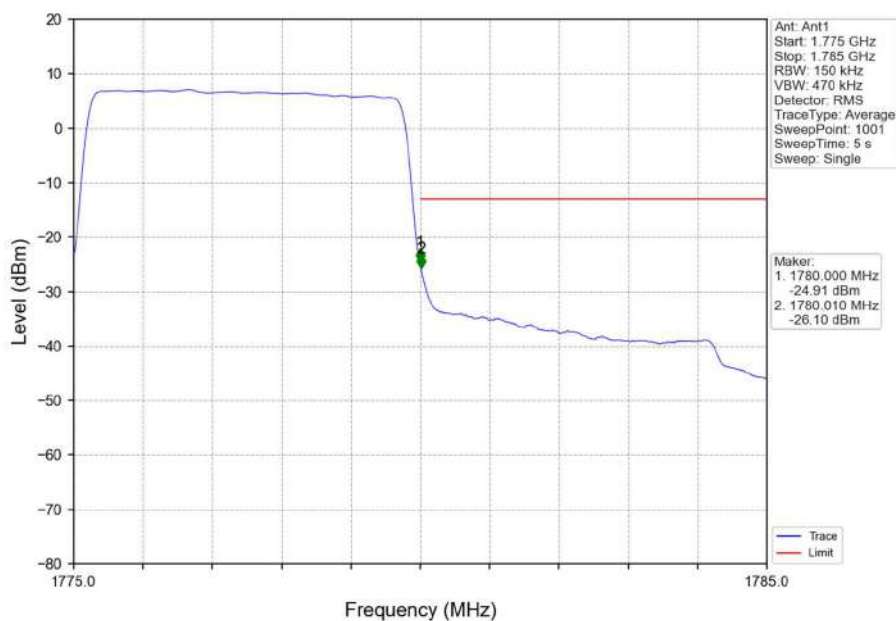
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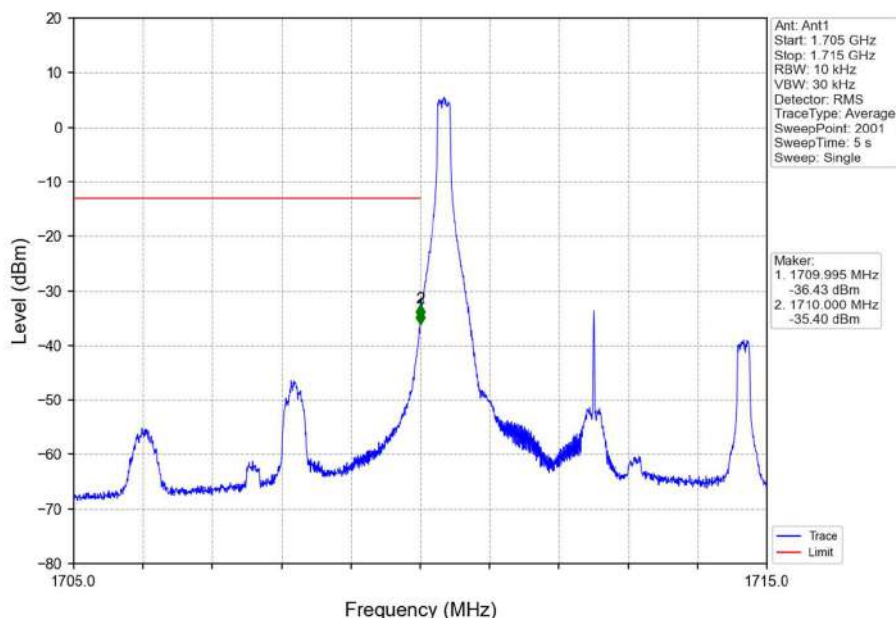
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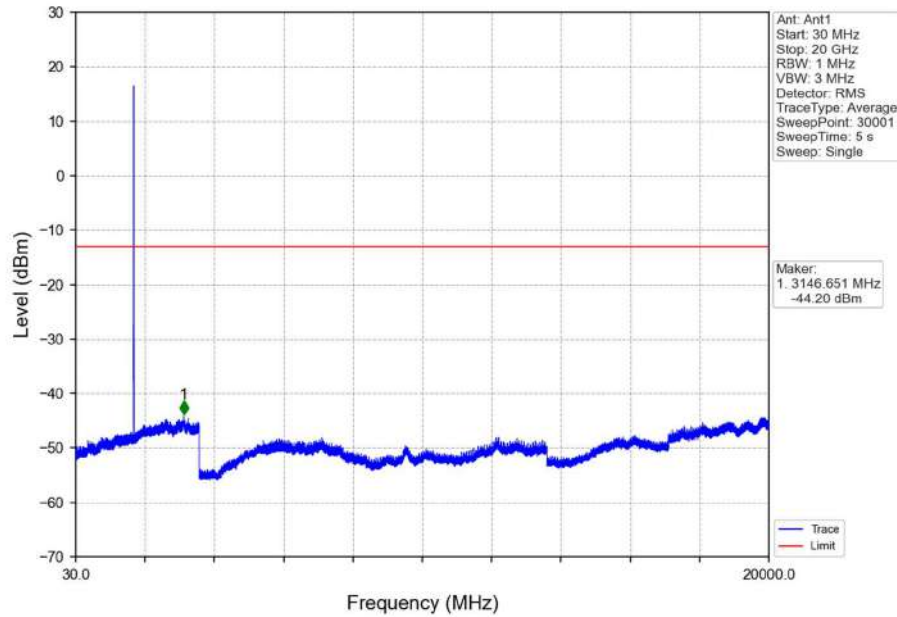
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Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV

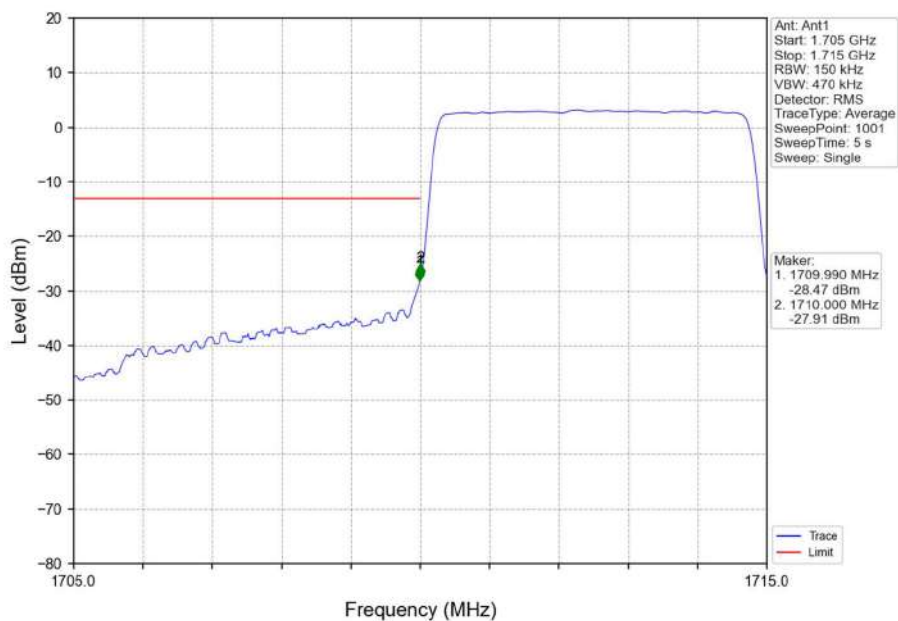


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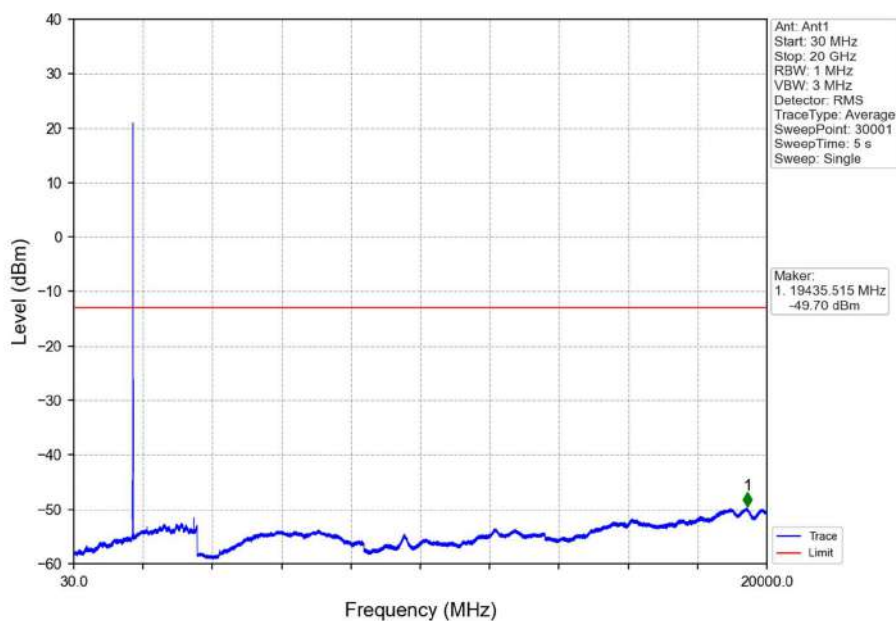
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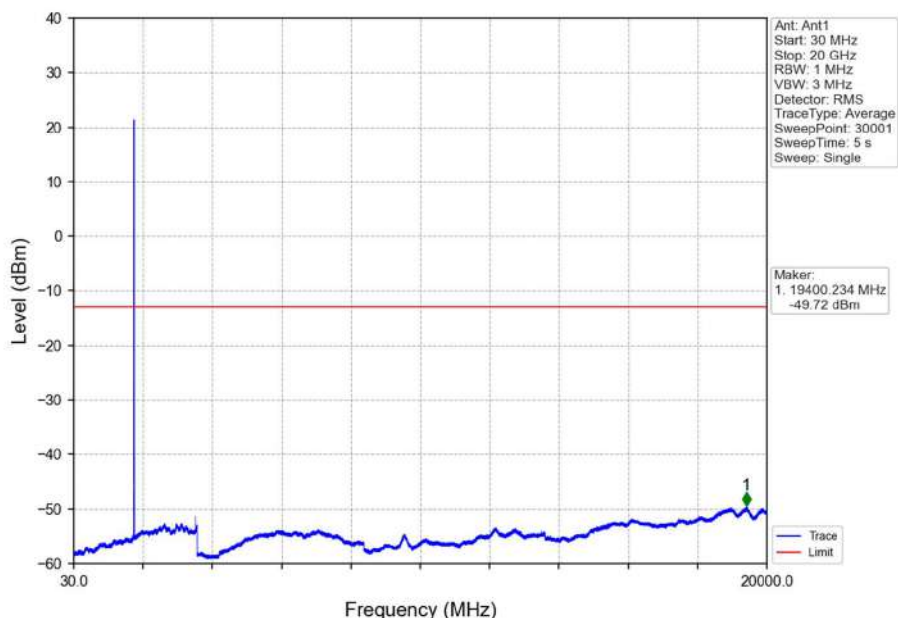
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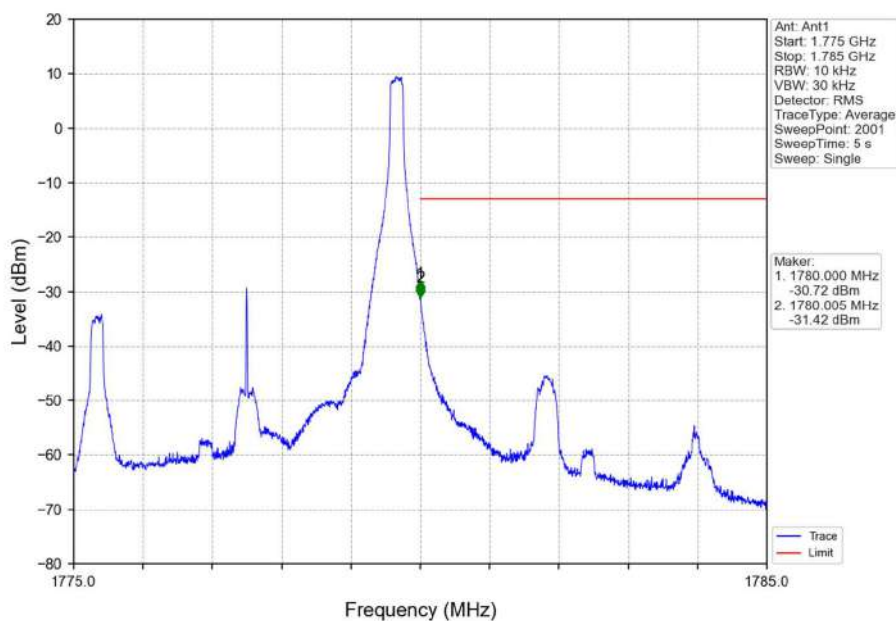
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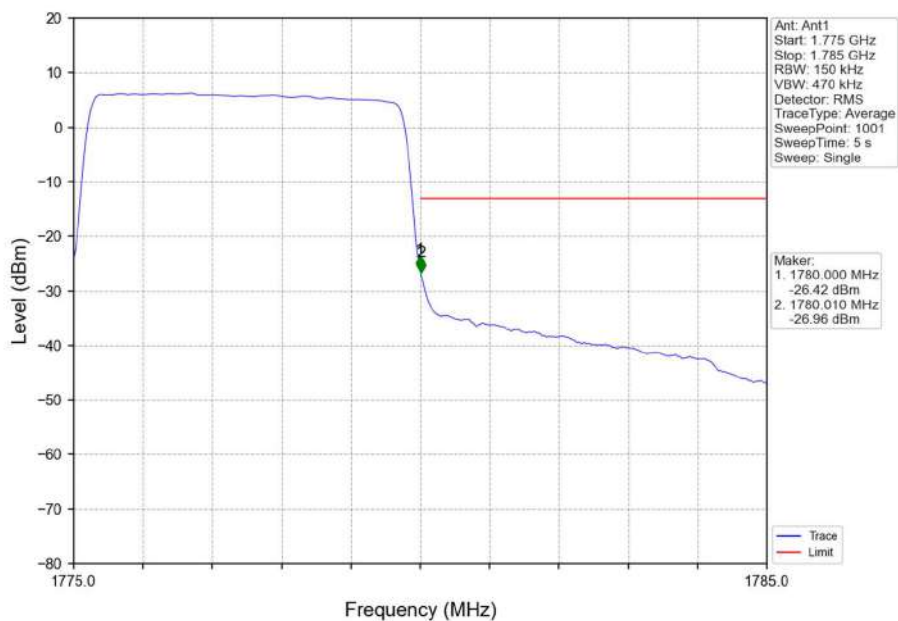
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## 6.4 B66\_10MHz

### 6.4.1 Test Result

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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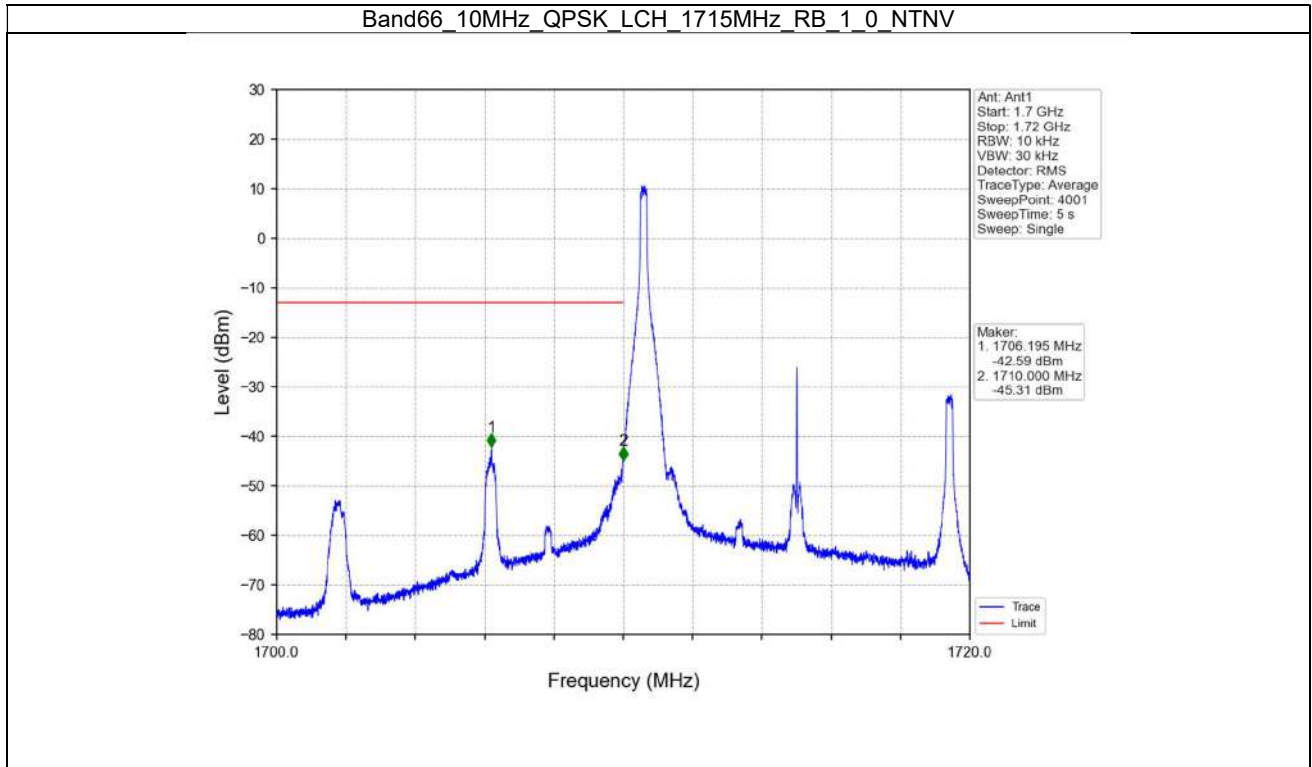
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## 6.4.2 Test Graph



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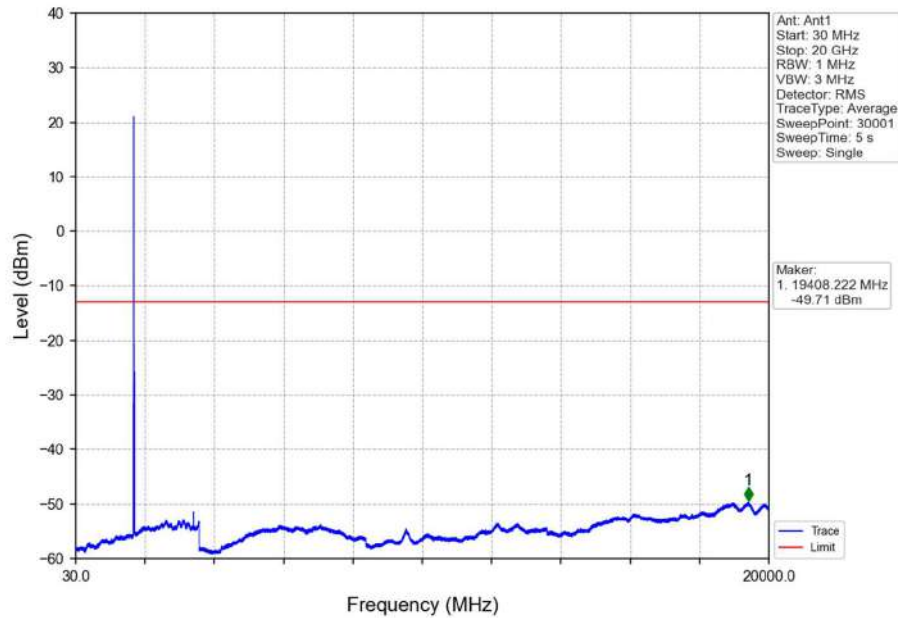
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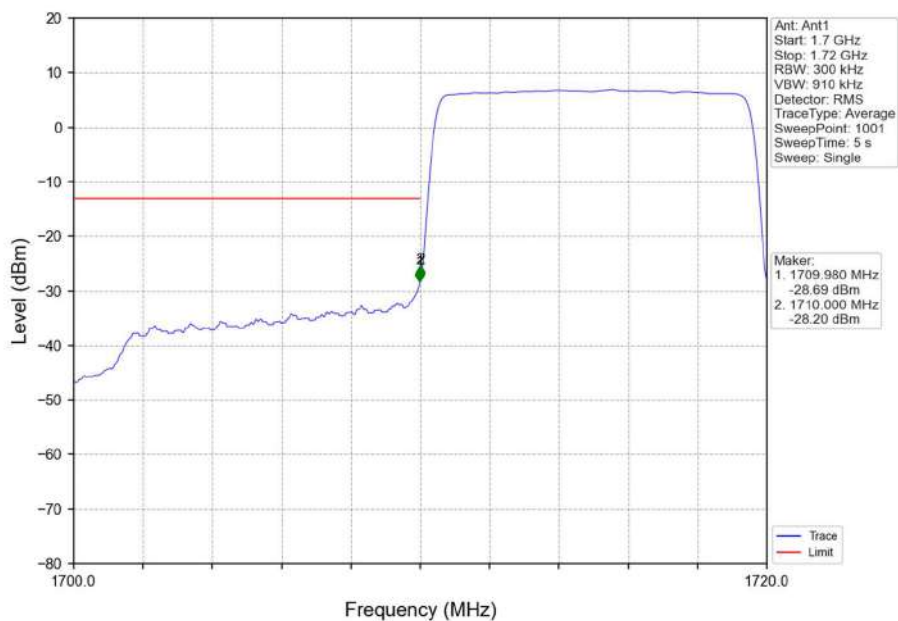
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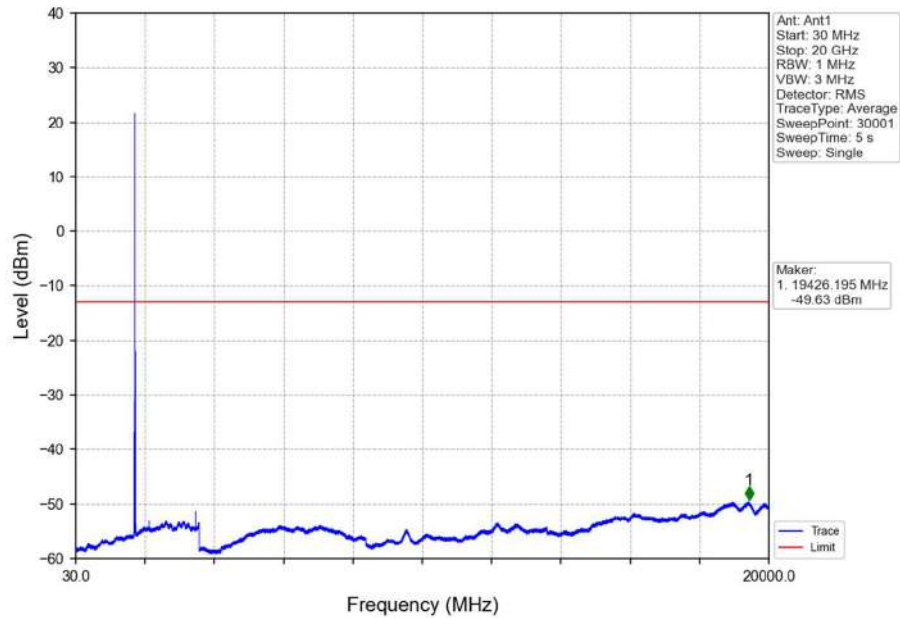
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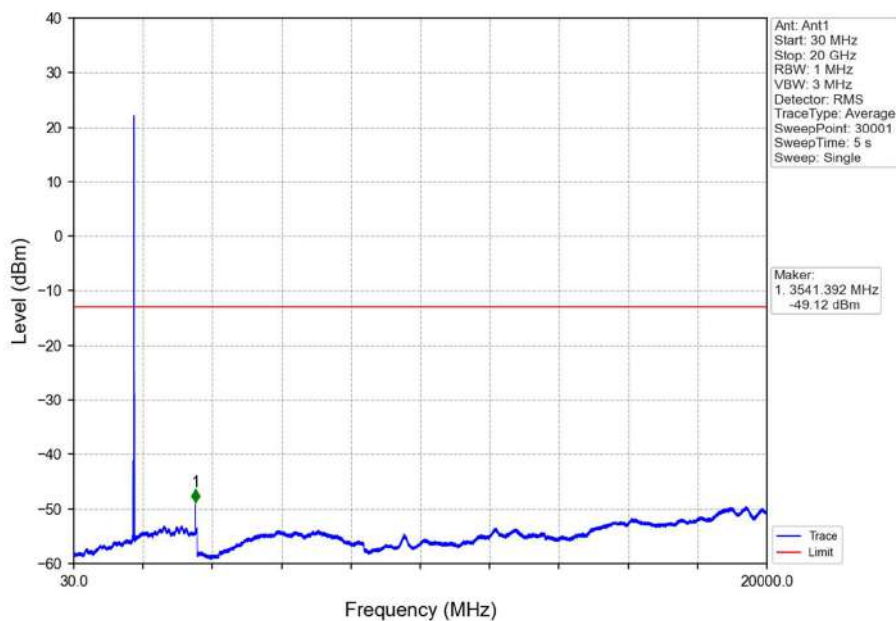
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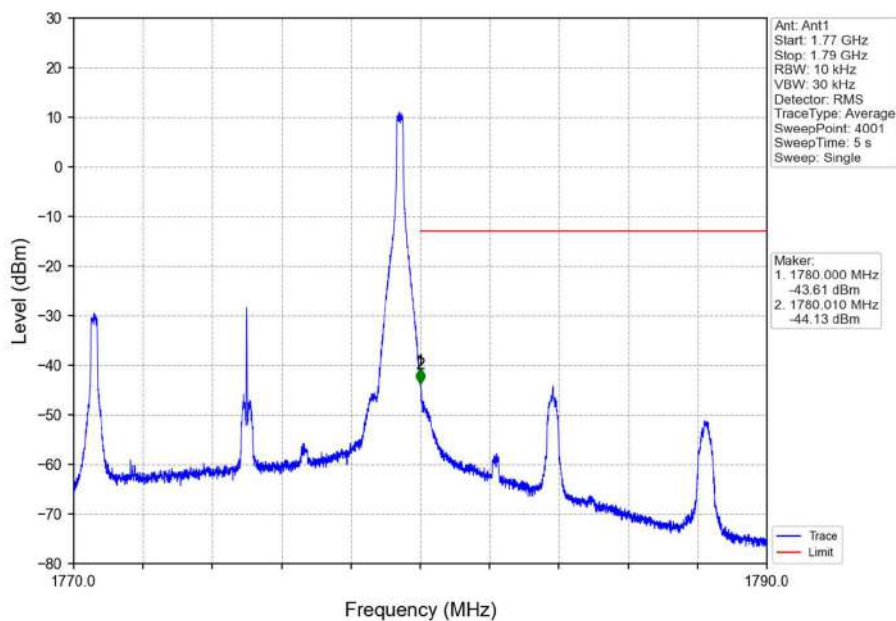
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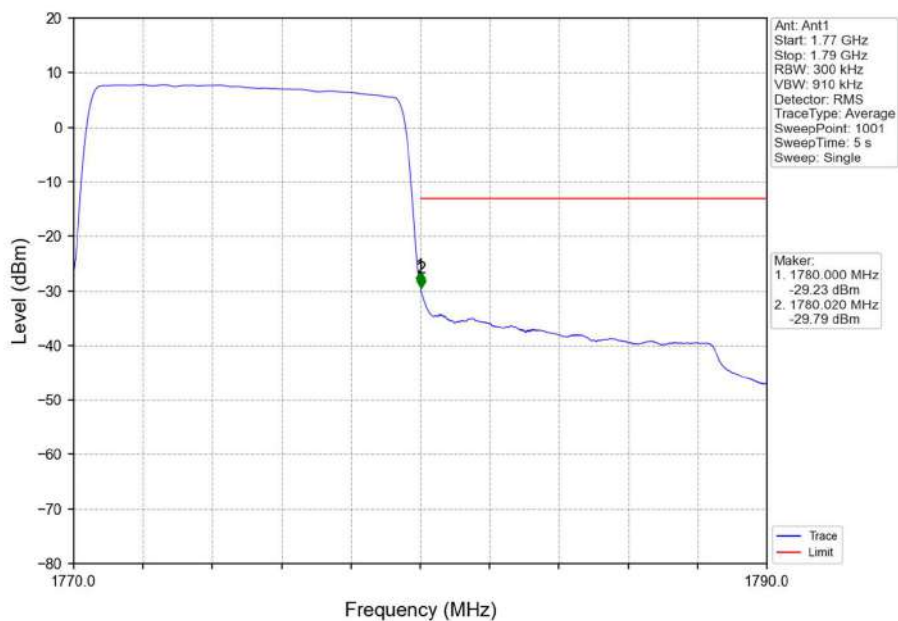
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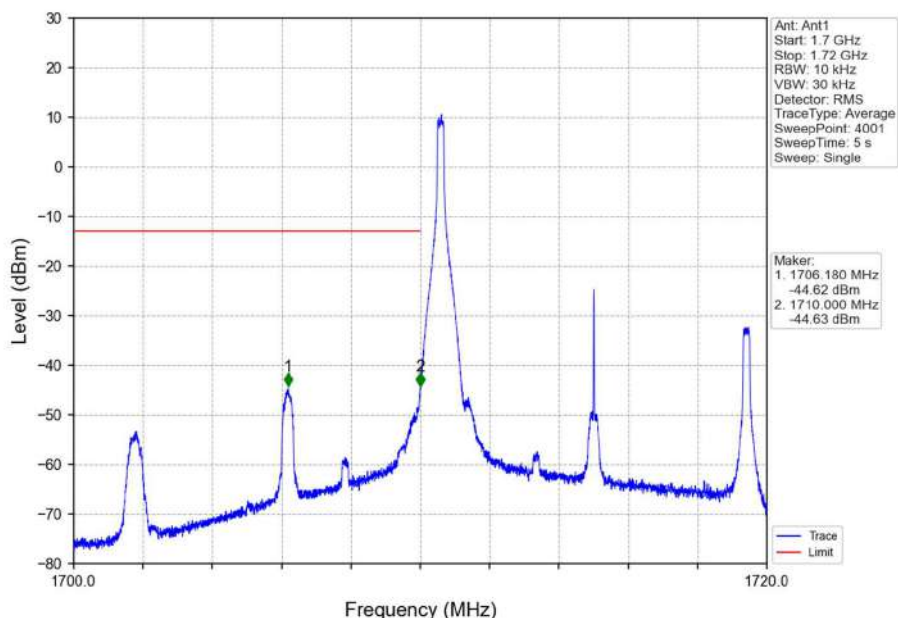
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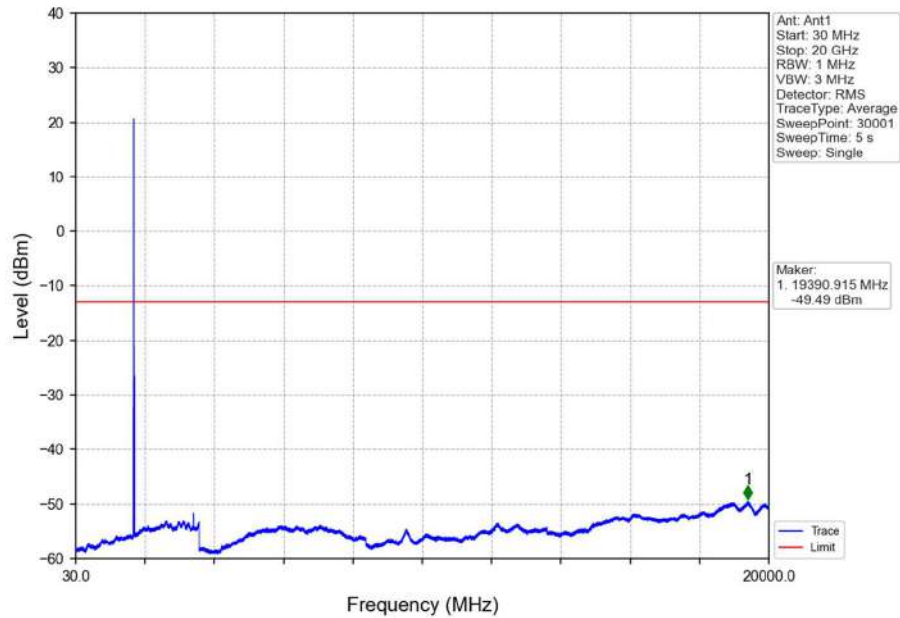
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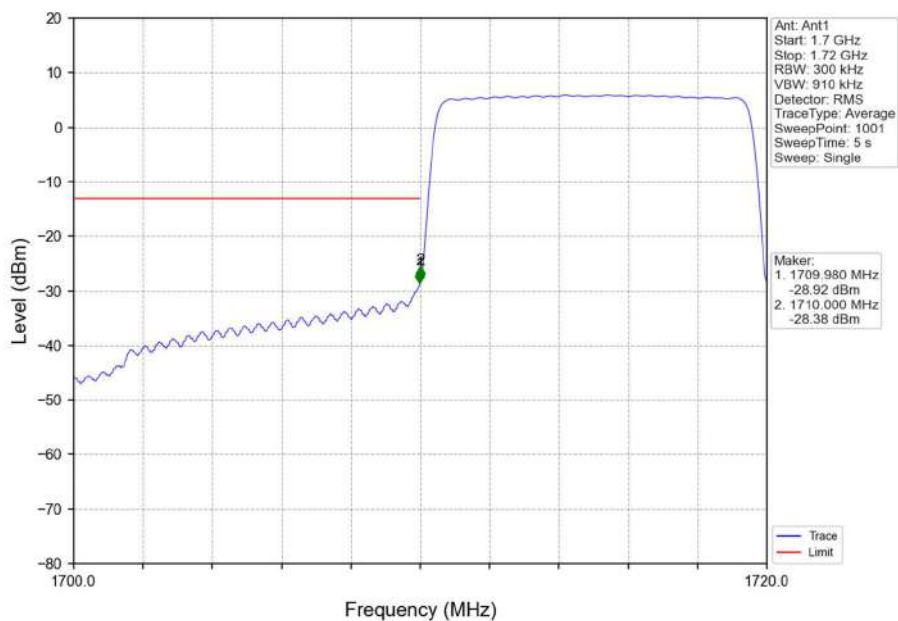
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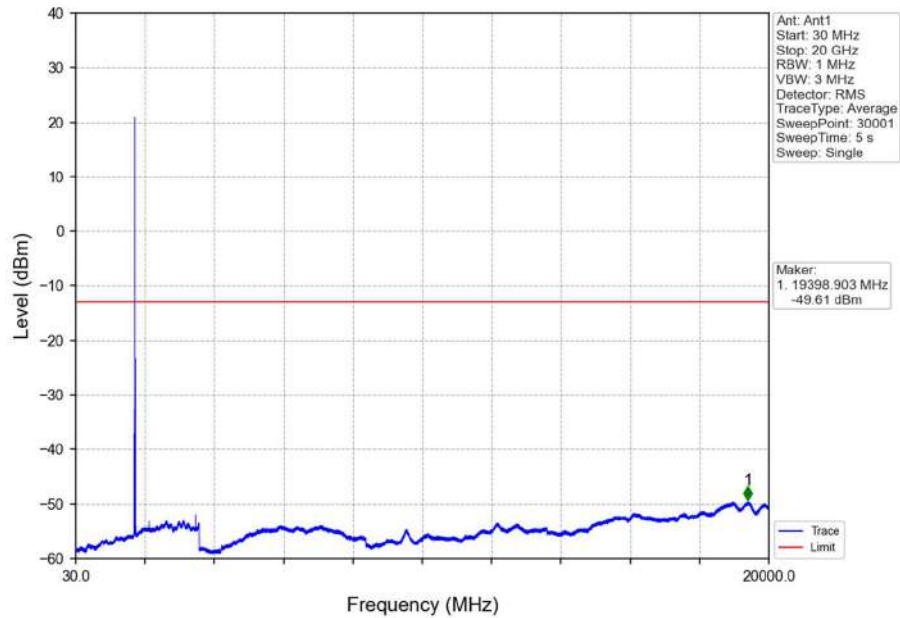
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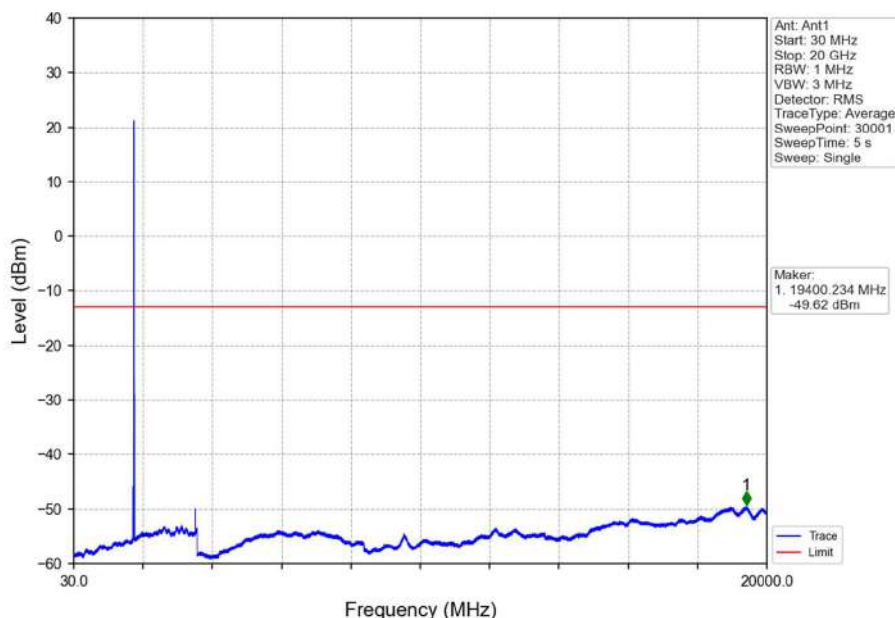
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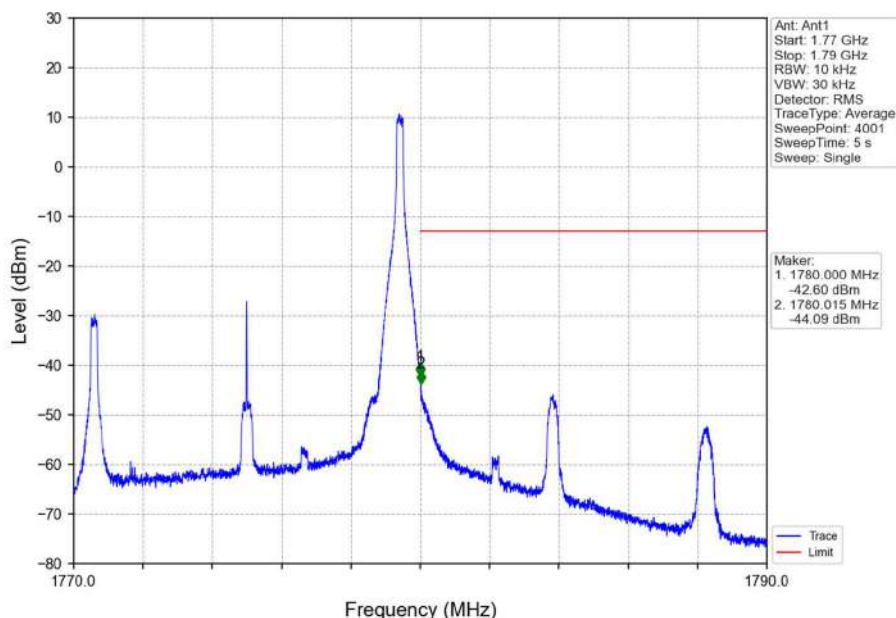
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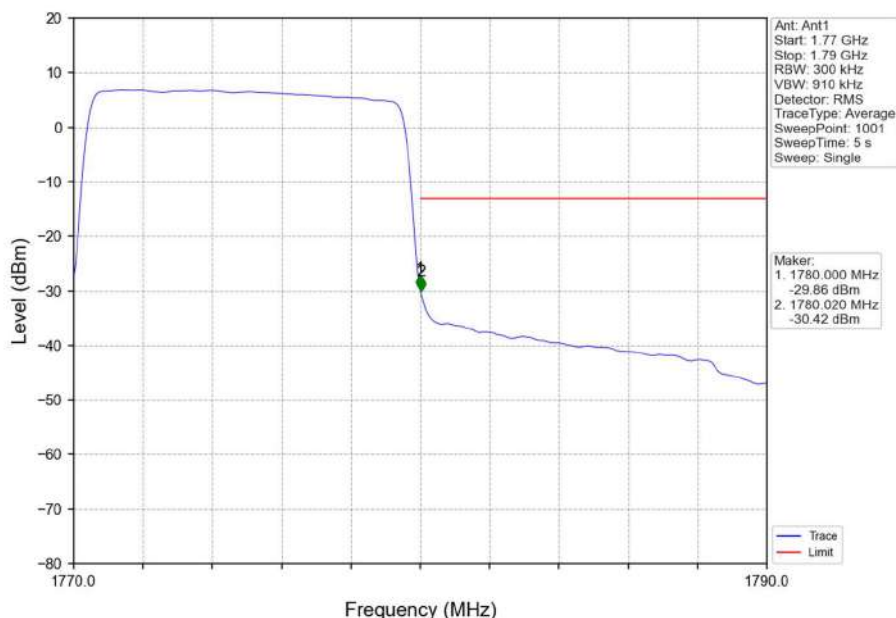
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## 6.5 B66\_15MHz

### 6.5.1 Test Result

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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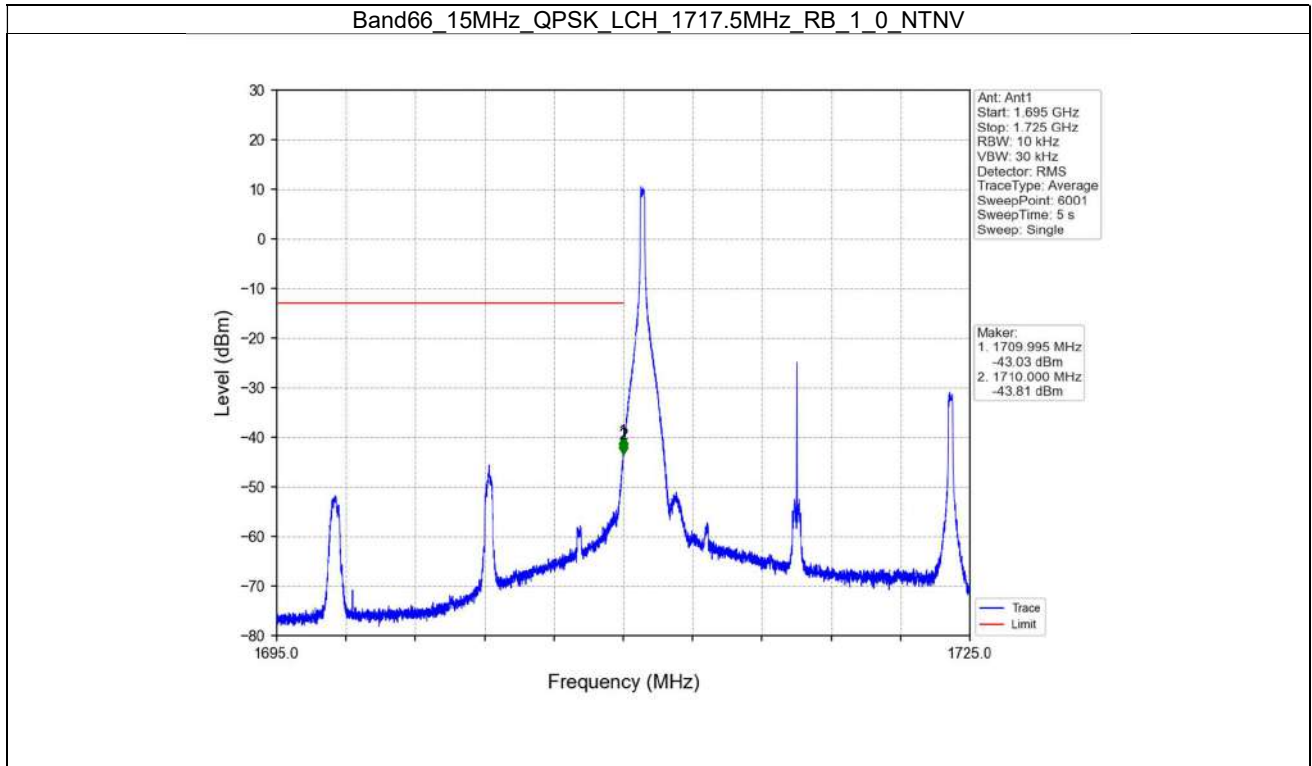
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## 6.5.2 Test Graph



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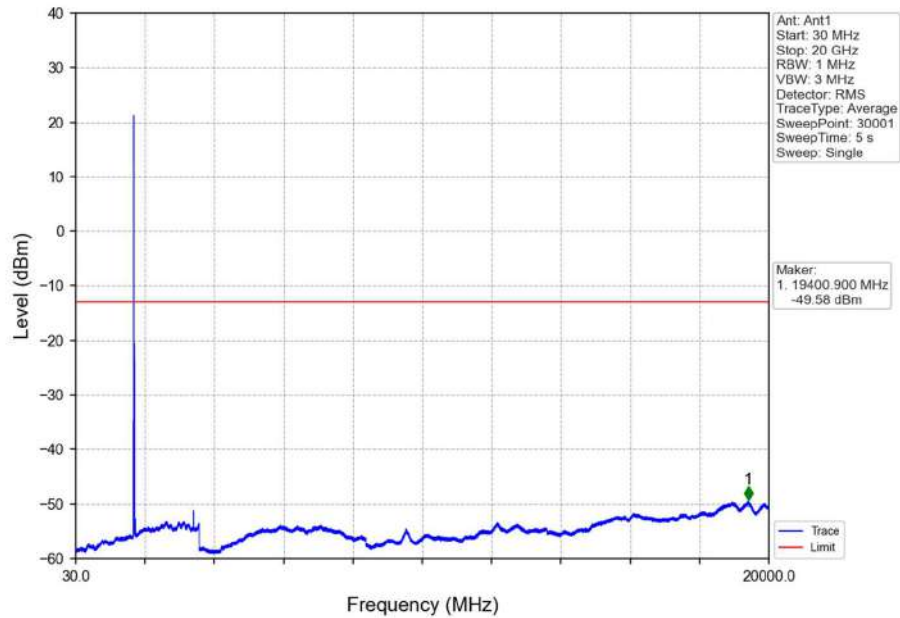
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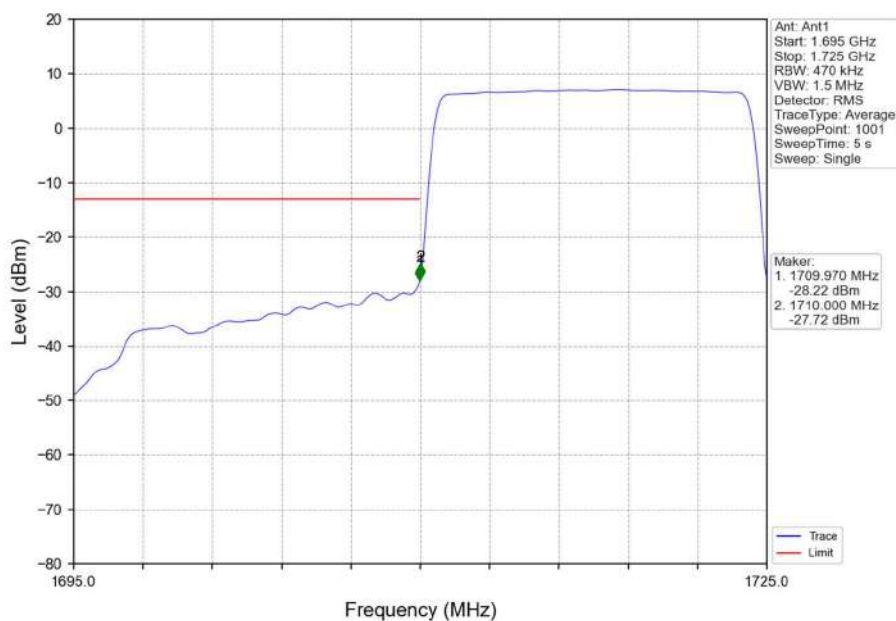
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Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



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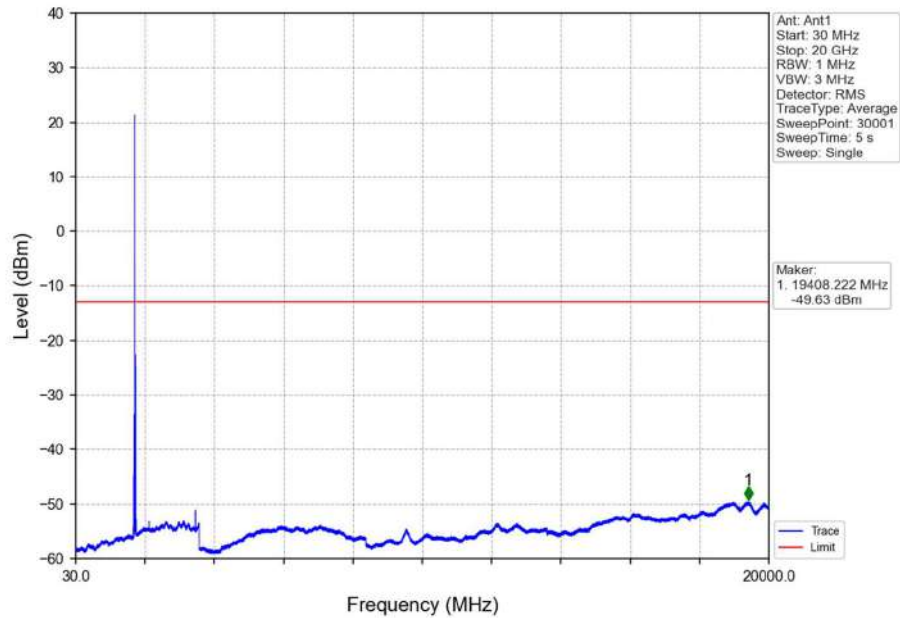
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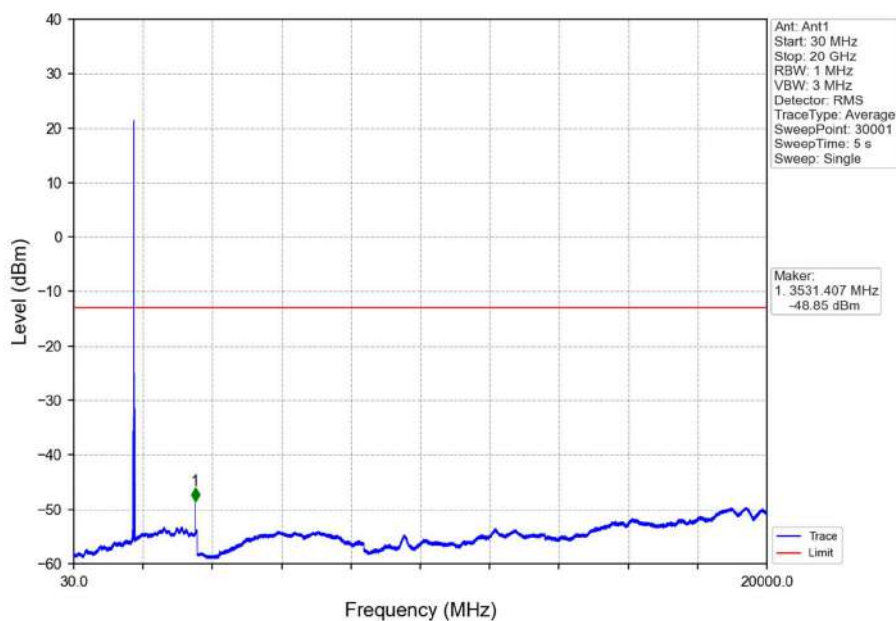
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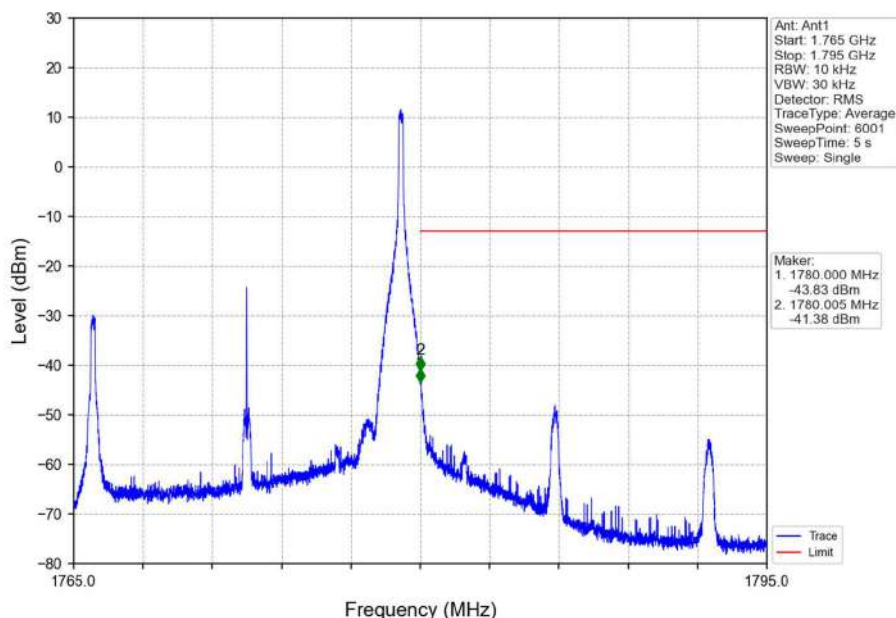
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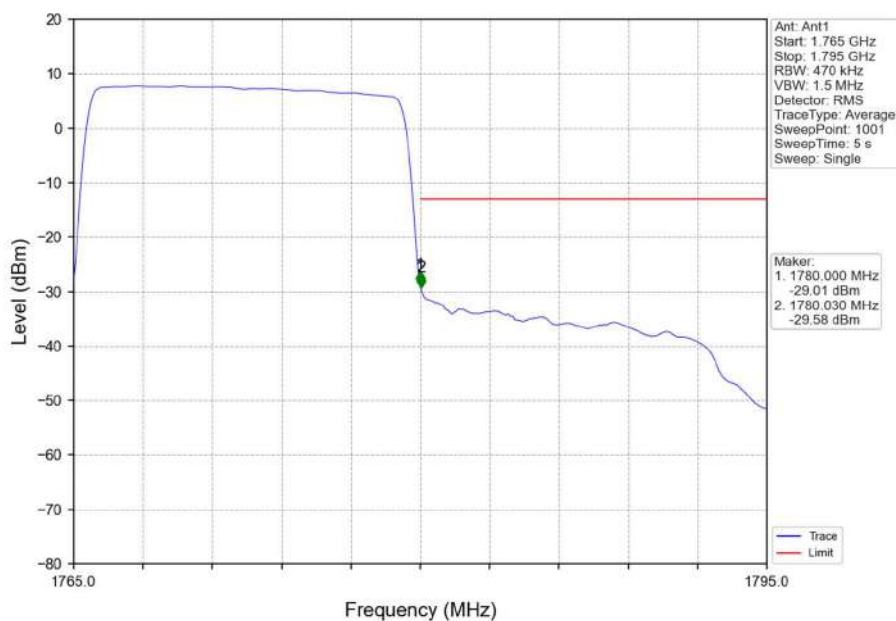
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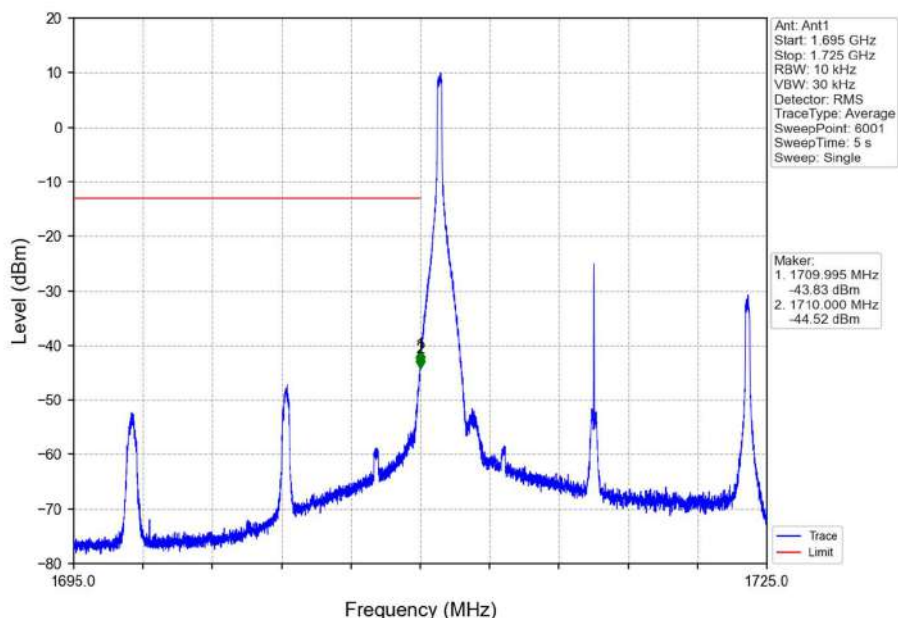
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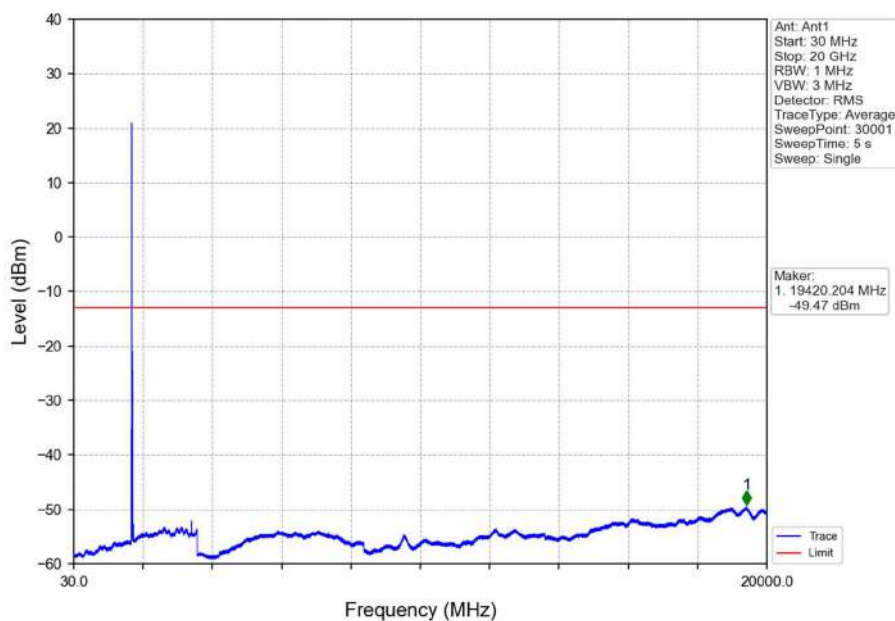
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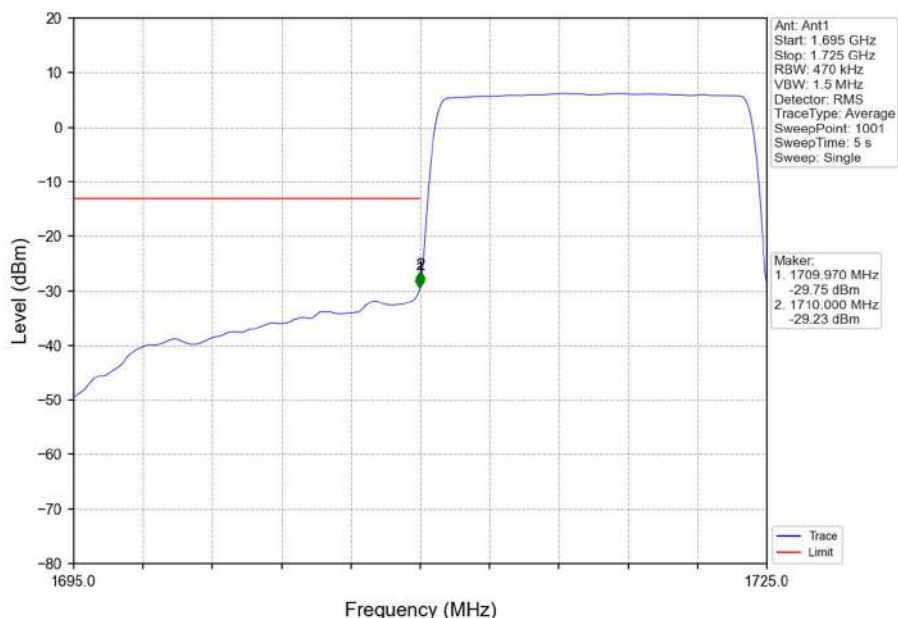
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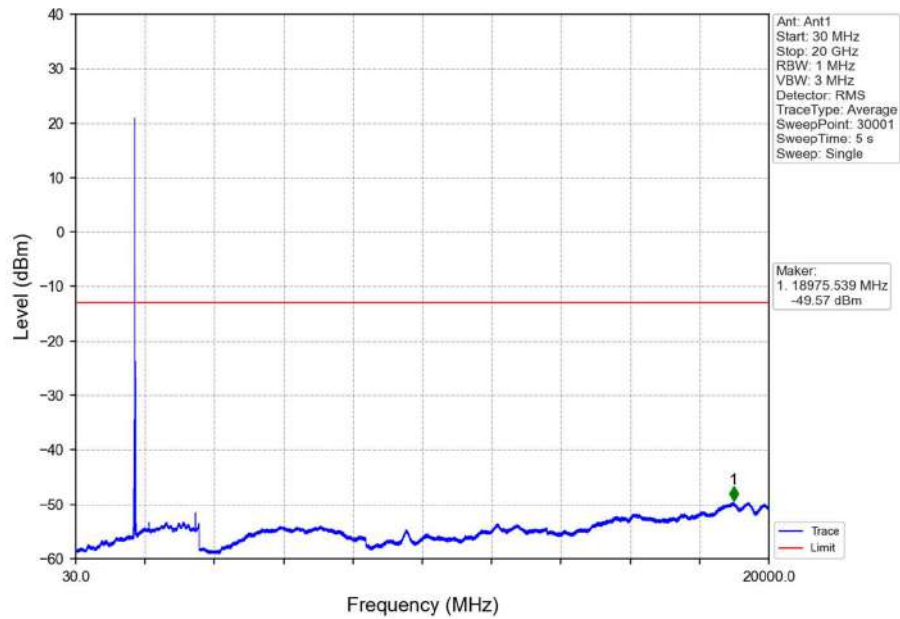
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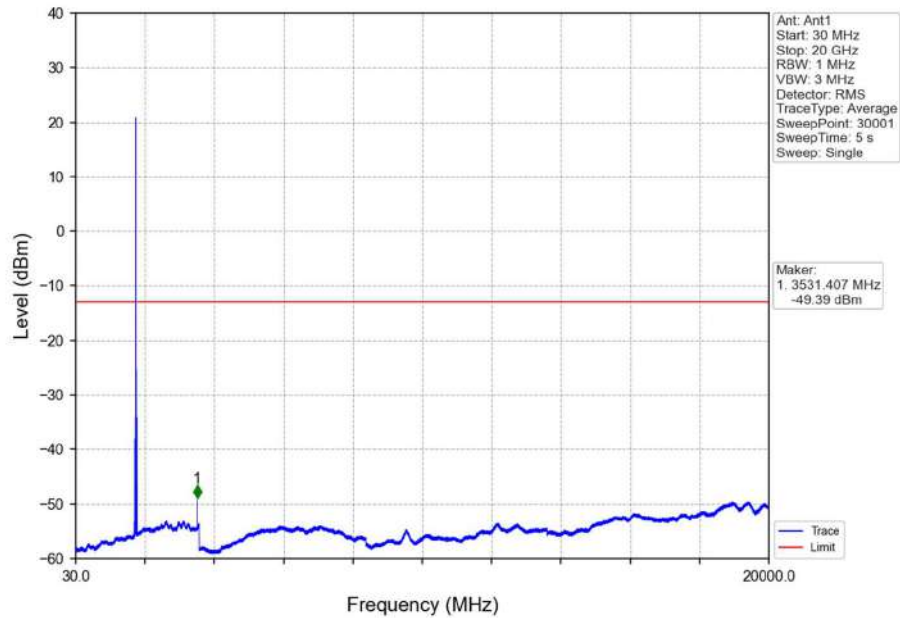
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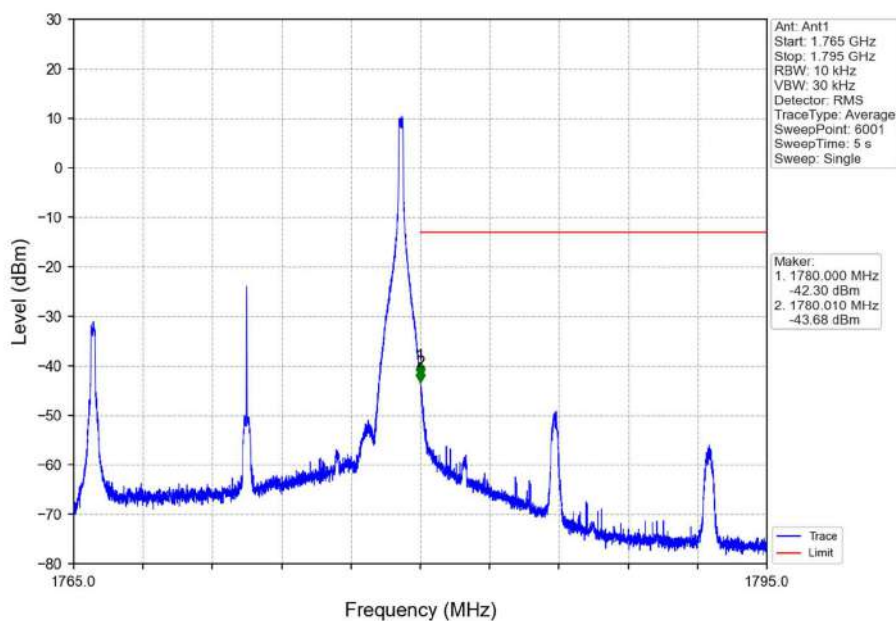
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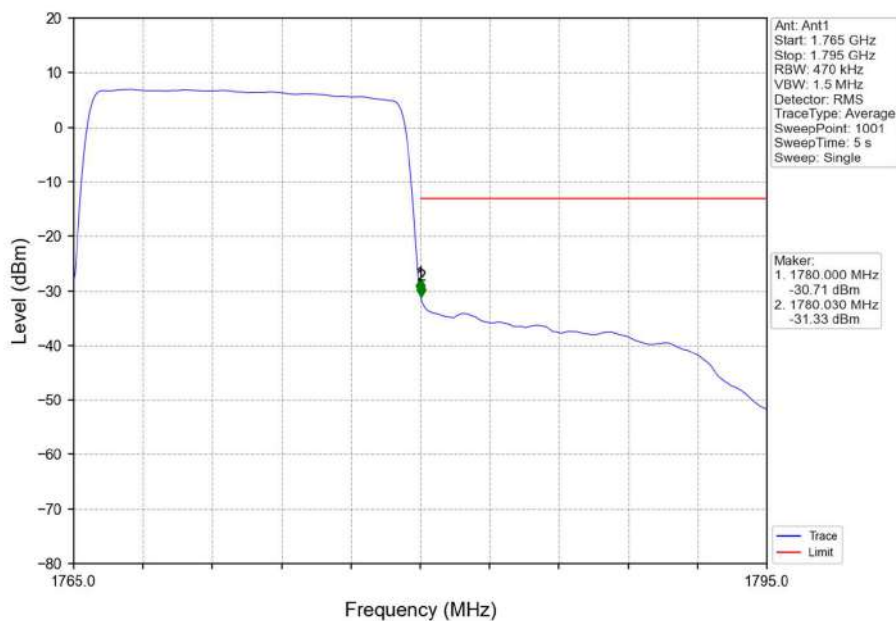
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## 6.6 B66\_20MHz

### 6.6.1 Test Result

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1770	1	99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1770	1	99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



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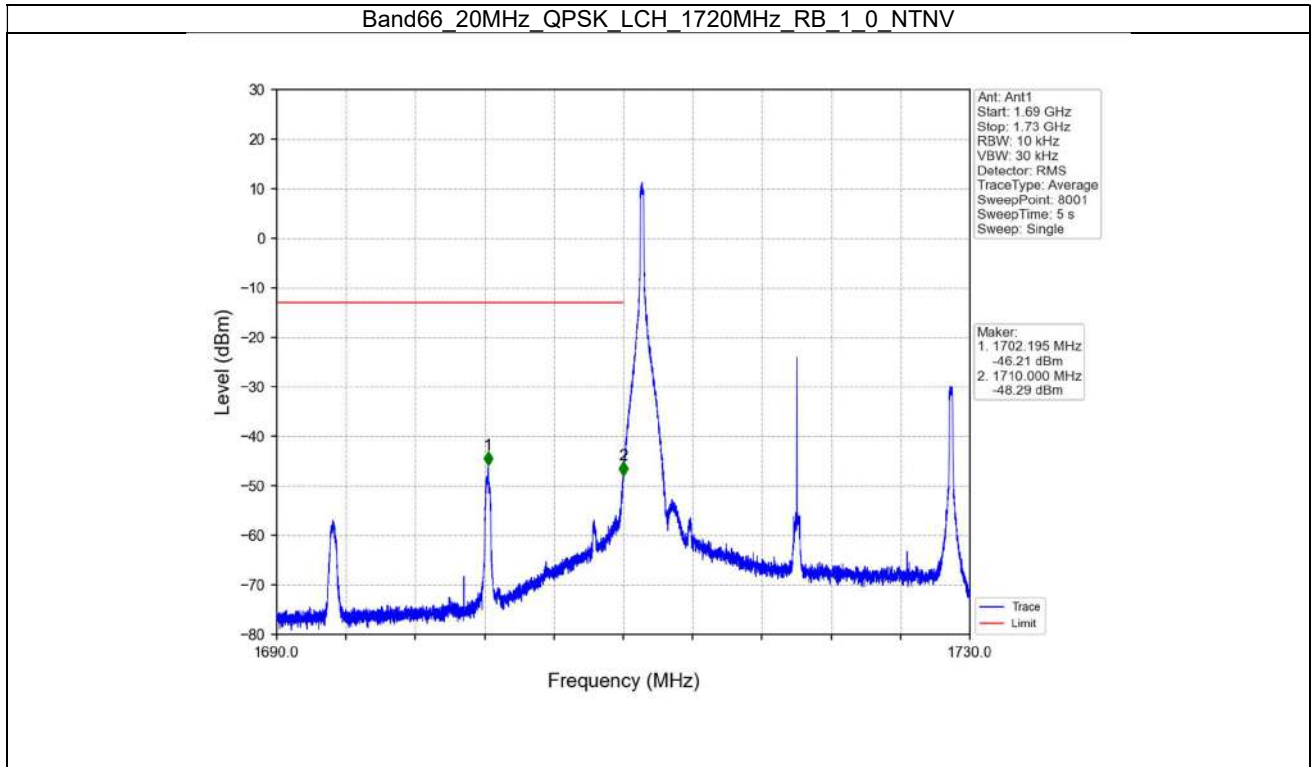
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## 6.6.2 Test Graph



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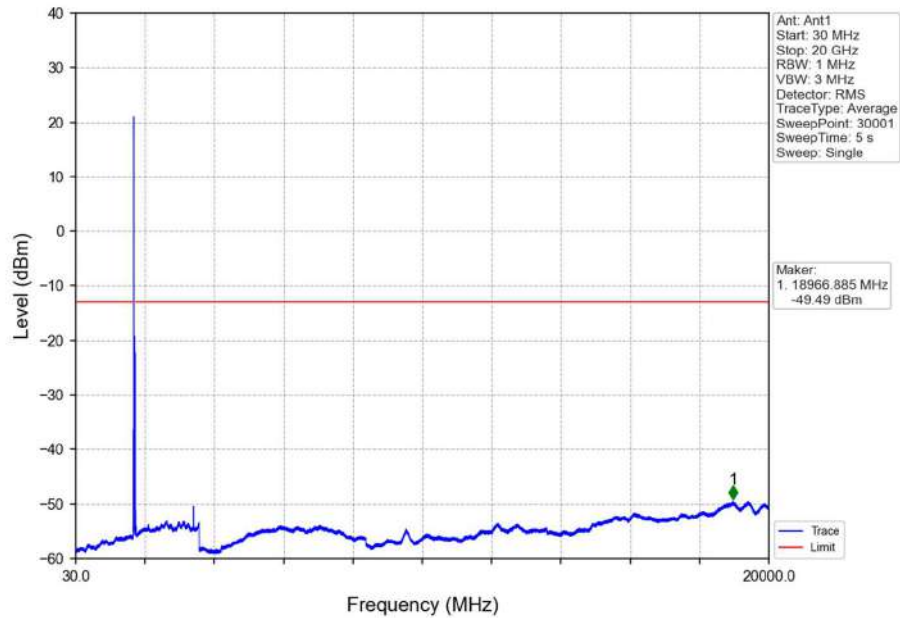
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Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV



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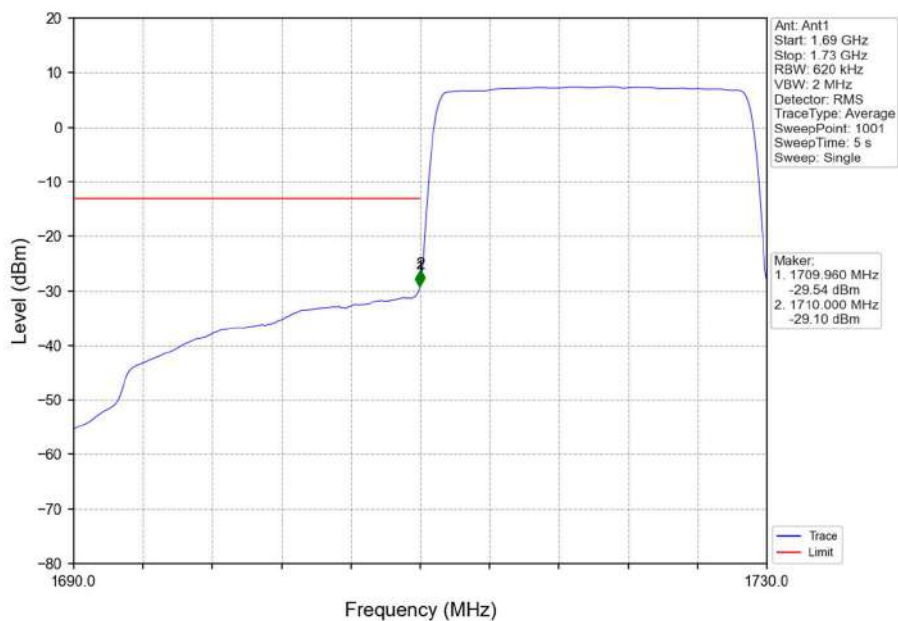
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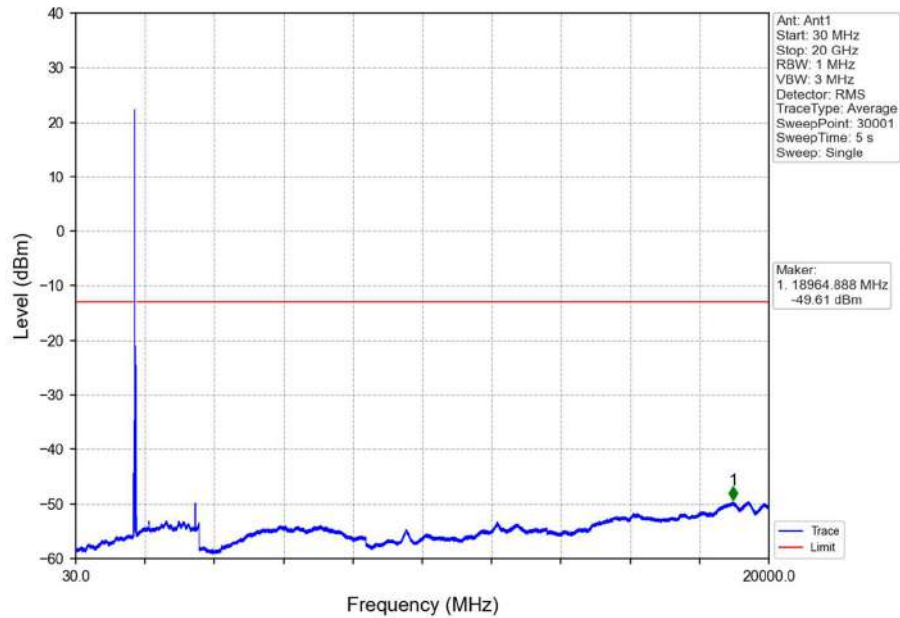
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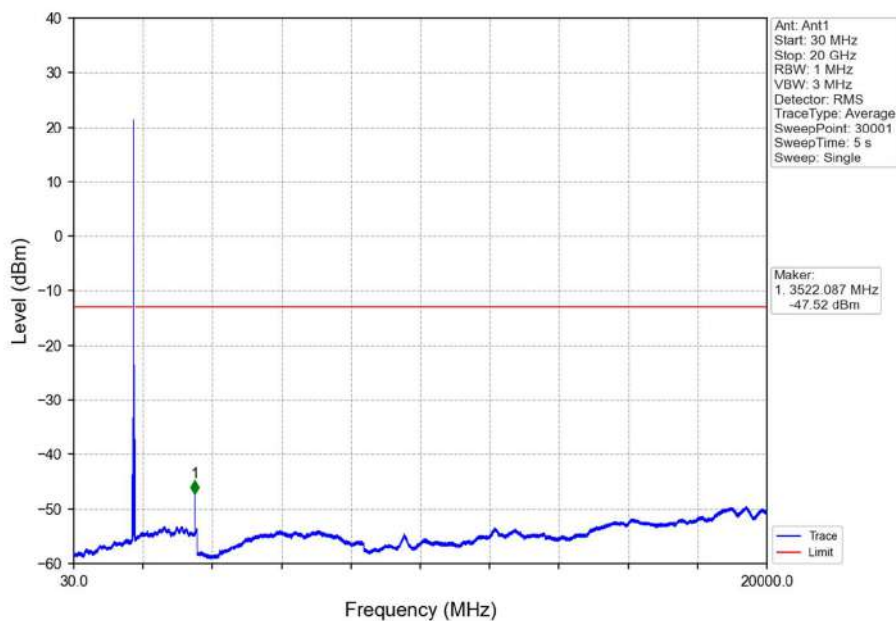
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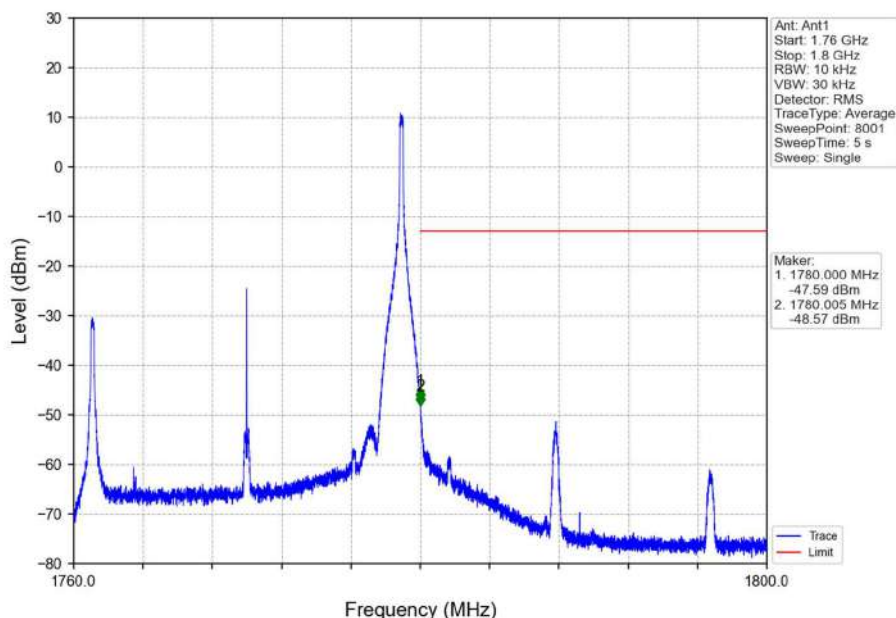
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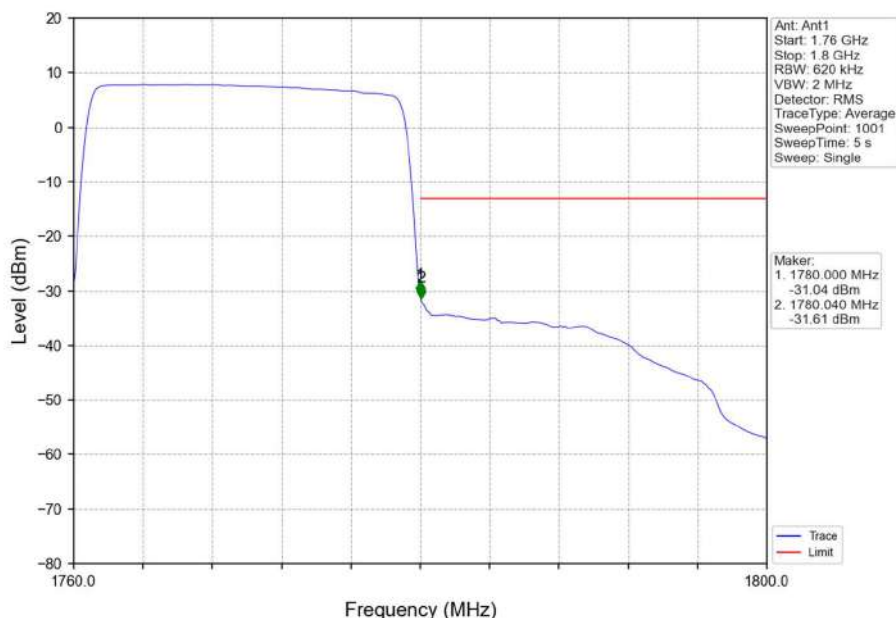
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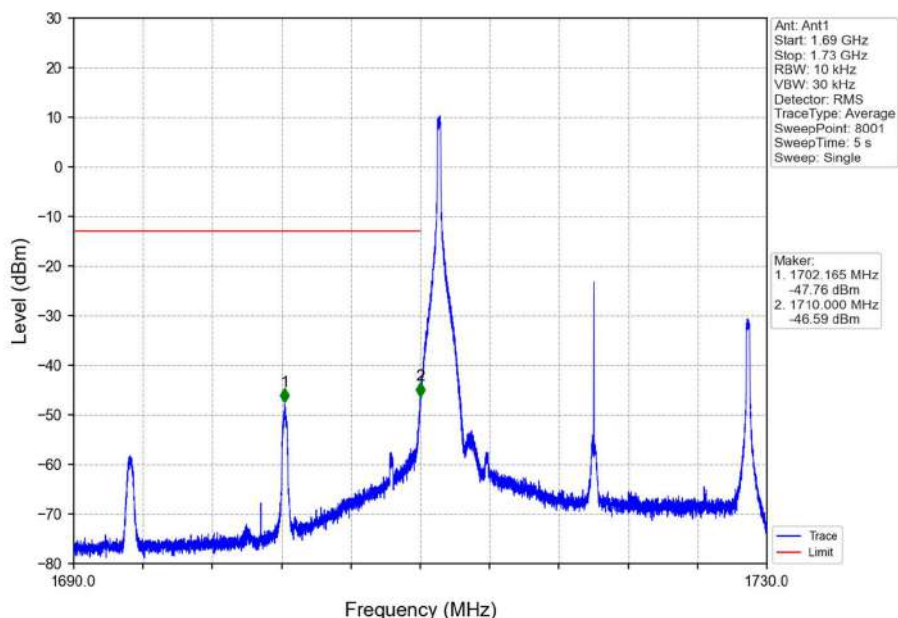
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Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV



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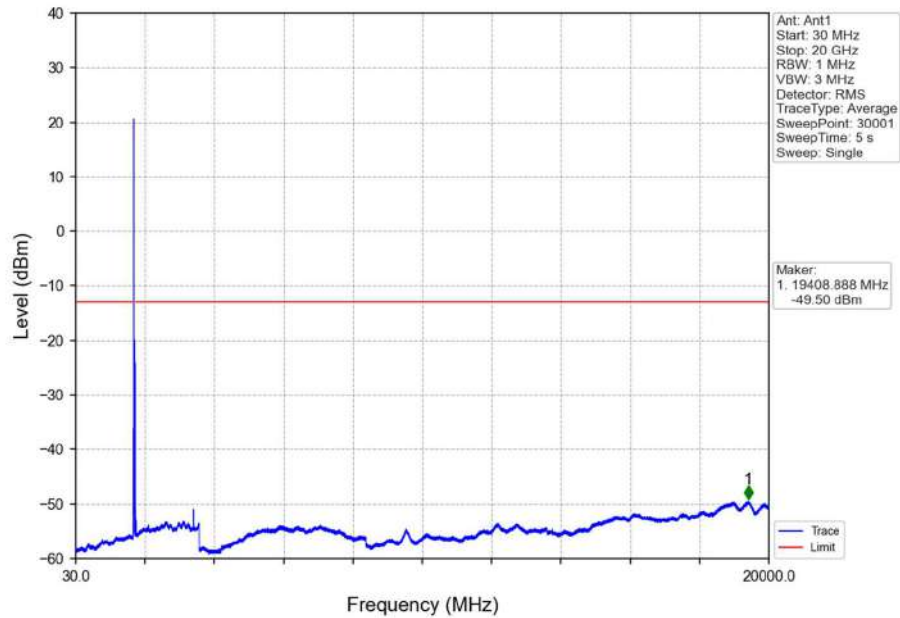
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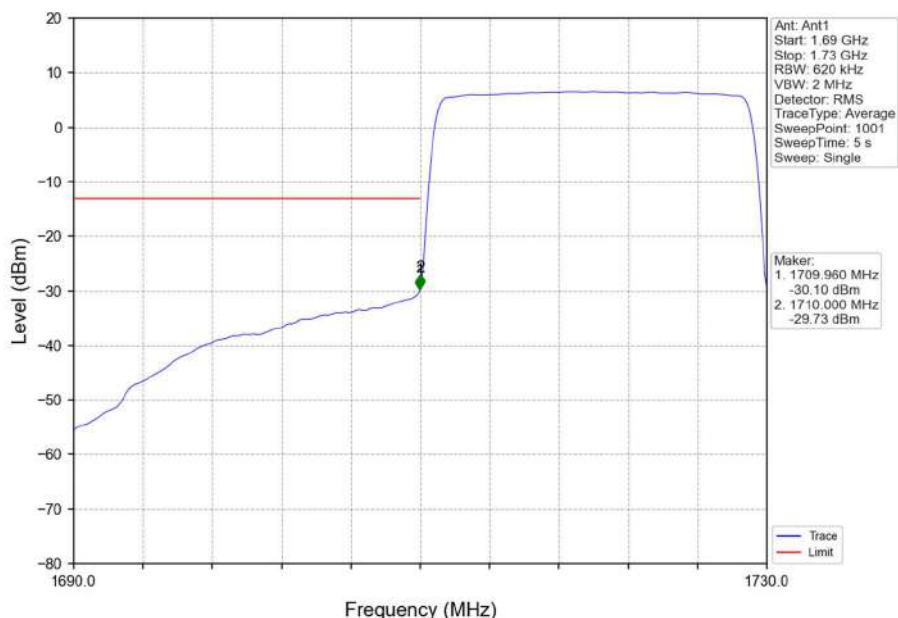
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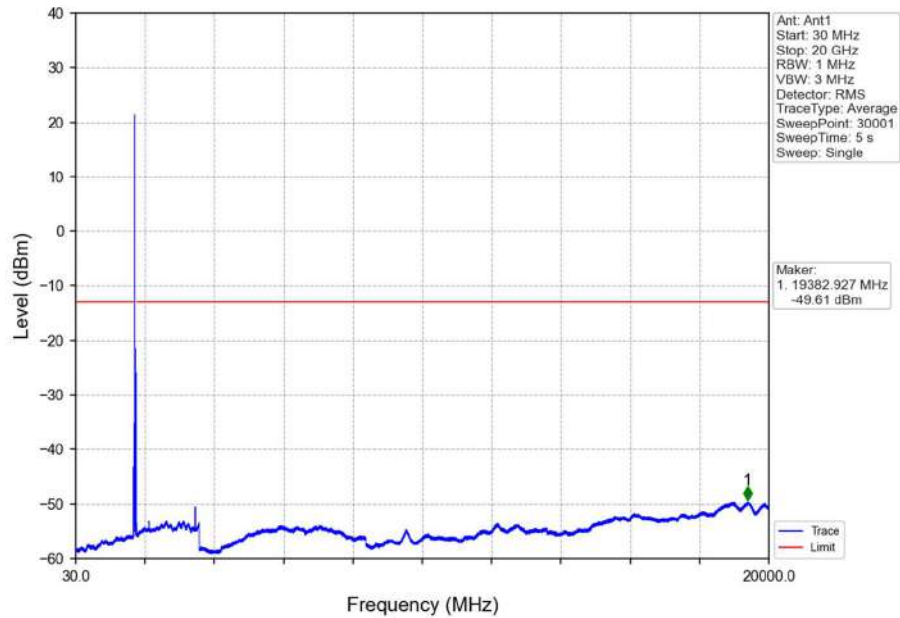
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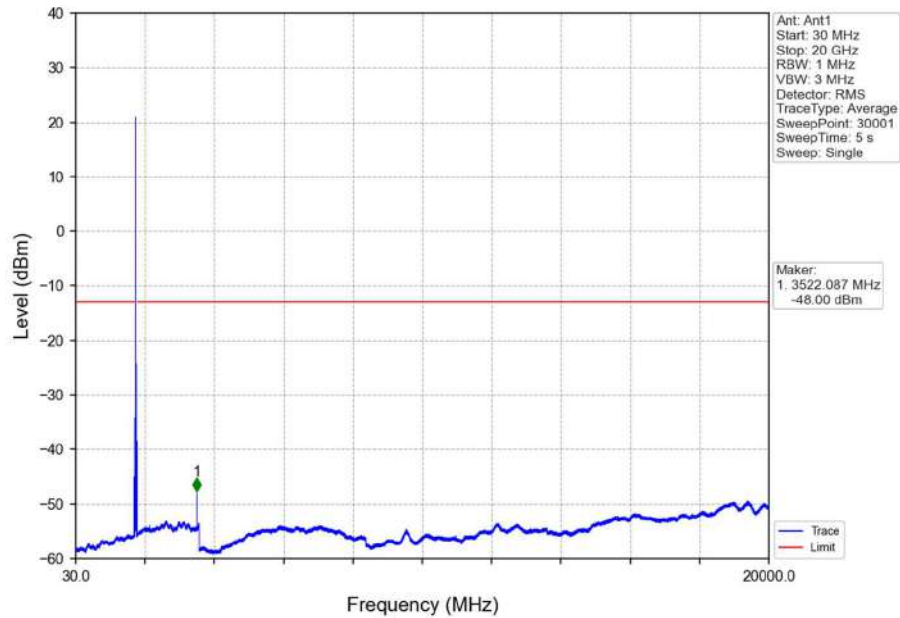
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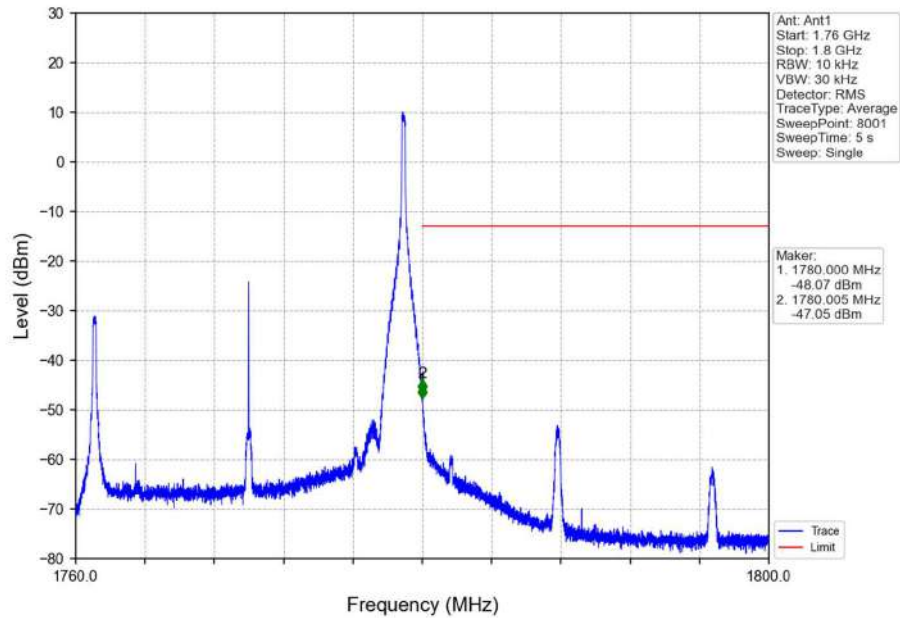
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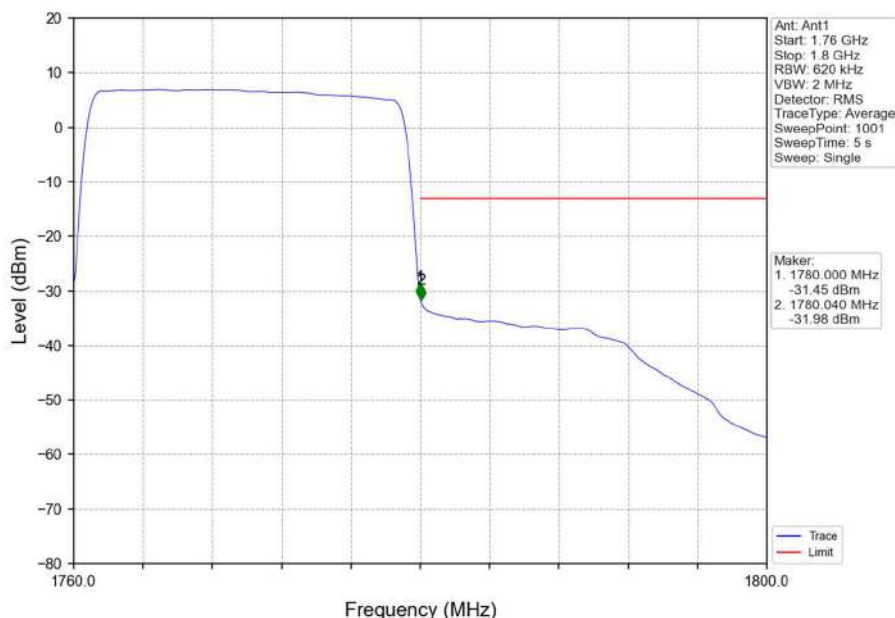
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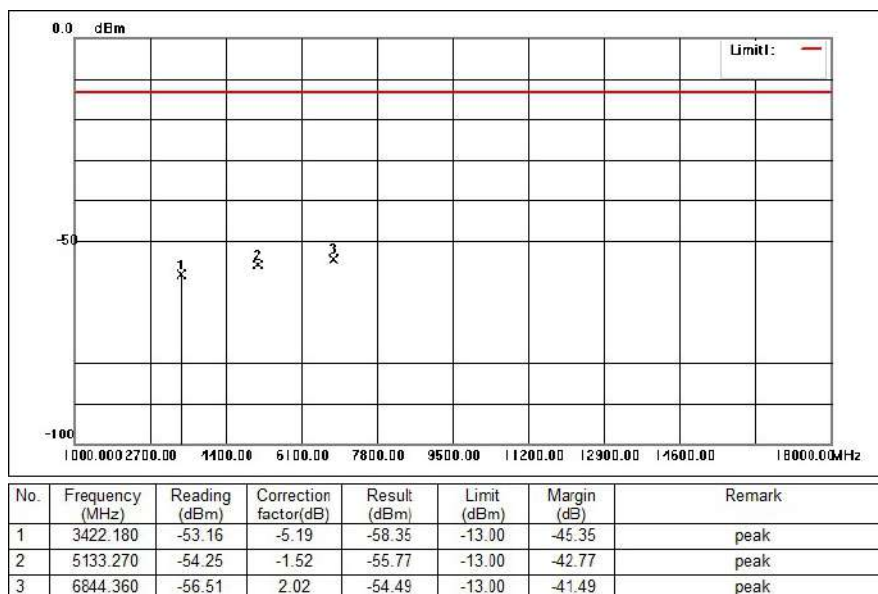
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## 7. Field Strength of Spurious Radiation

Up Antenna

LTE BAND 66-20MHz-Low channel

Polarization: H



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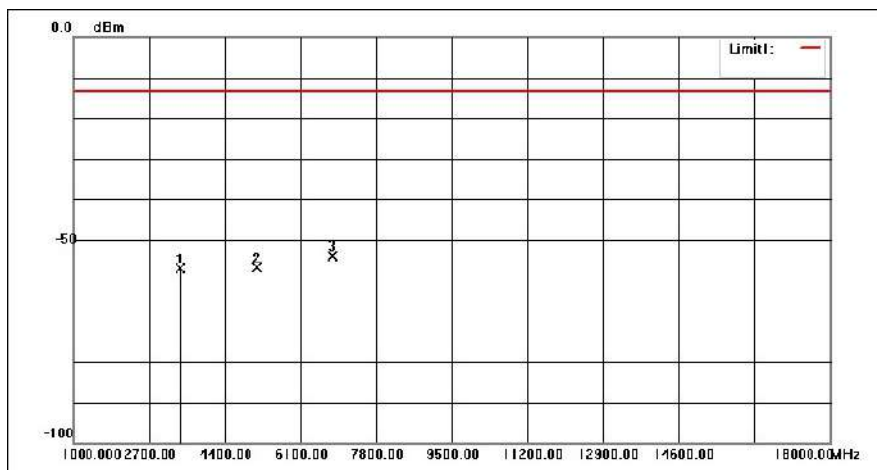
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3422.180	-52.04	-5.19	-57.23	-13.00	-44.23	peak
2	5133.270	-55.34	-1.52	-56.86	-13.00	-43.86	peak
3	6844.360	-55.94	2.02	-53.92	-13.00	-40.92	peak



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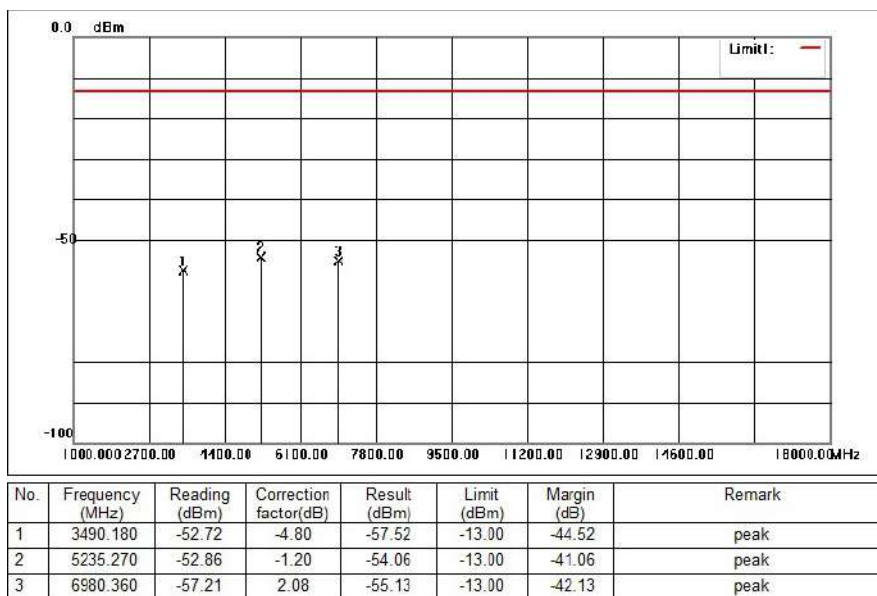
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LTE BAND 66-20MHz-Middle channel

Polarization: H

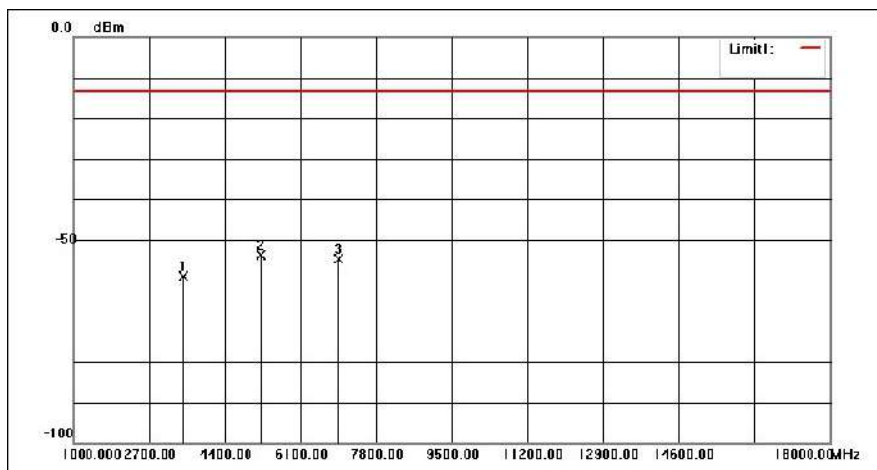


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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.180	-54.25	-4.80	-59.05	-13.00	-46.05	peak
2	5235.270	-52.41	-1.20	-53.61	-13.00	-40.61	peak
3	6980.360	-56.74	2.08	-54.66	-13.00	-41.66	peak



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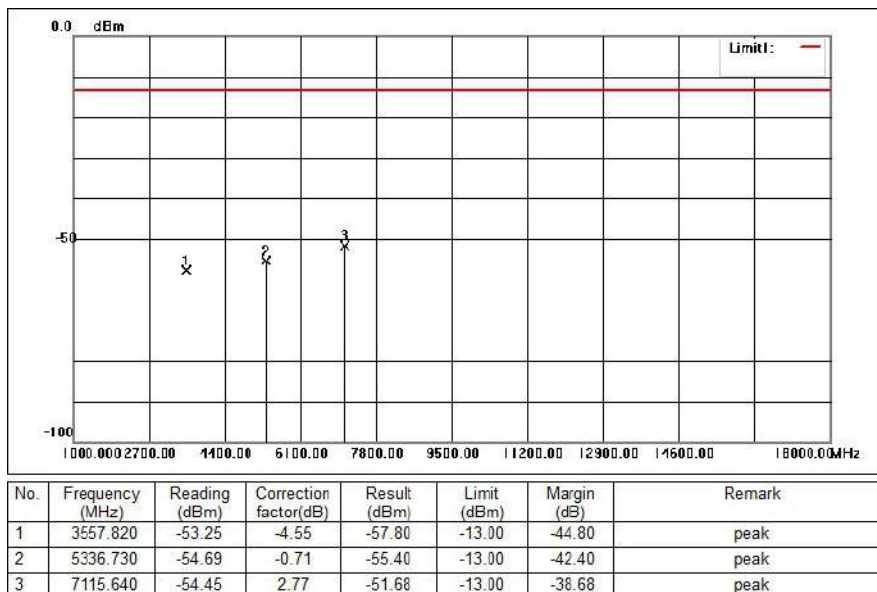
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LTE BAND 66-20MHz-High channel

Polarization: H



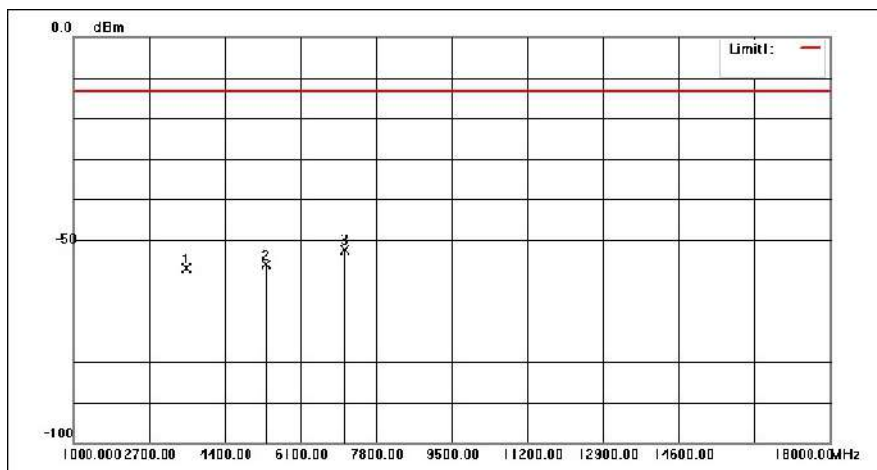
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3557.820	-52.50	-4.55	-57.05	-13.00	-44.05	peak
2	5336.730	-55.48	-0.71	-56.19	-13.00	-43.19	peak
3	7115.640	-55.11	2.77	-52.34	-13.00	-39.34	peak



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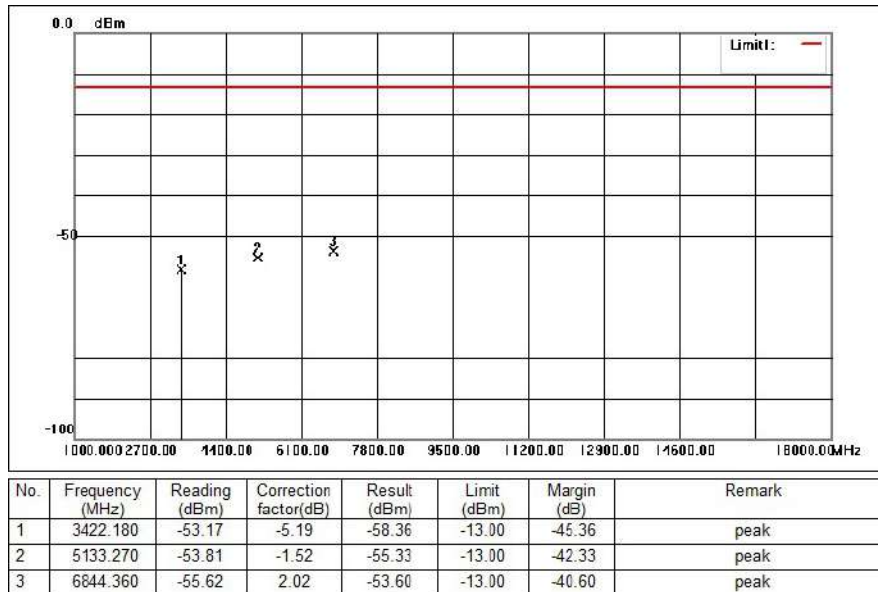




Down Antenna

LTE BAND 66-20MHz-Low channel

Polarization: H



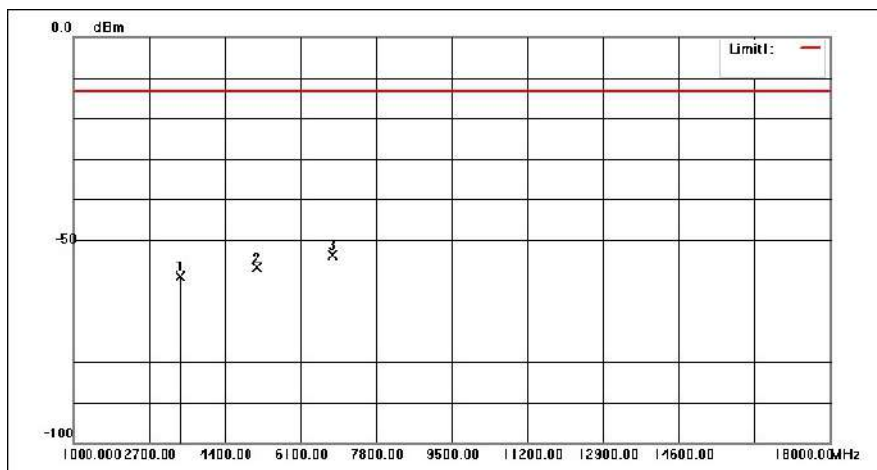
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3422.180	-53.92	-5.19	-59.11	-13.00	-46.11	peak
2	5133.270	-55.43	-1.52	-56.95	-13.00	-43.95	peak
3	6844.360	-55.60	2.02	-53.58	-13.00	-40.58	peak



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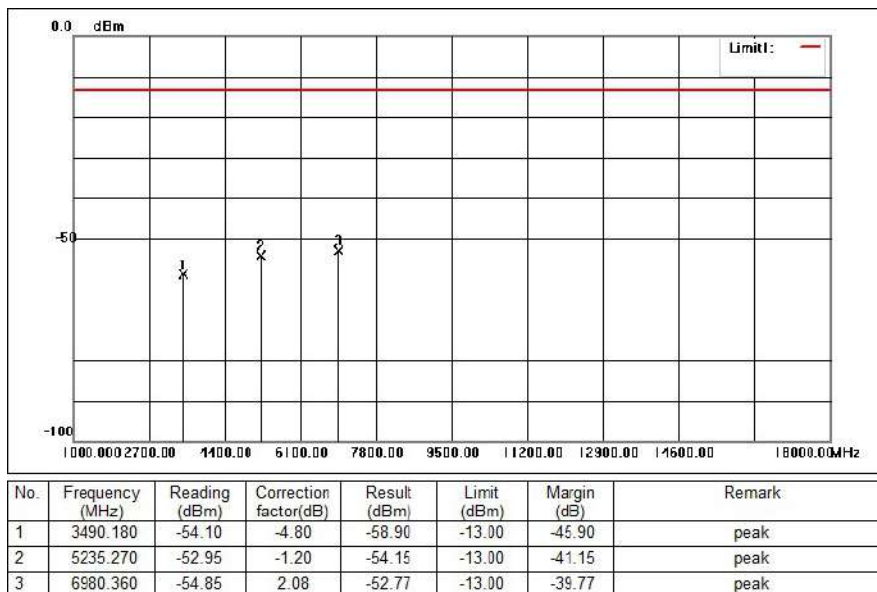
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LTE BAND 66-20MHz-Middle channel

Polarization: H

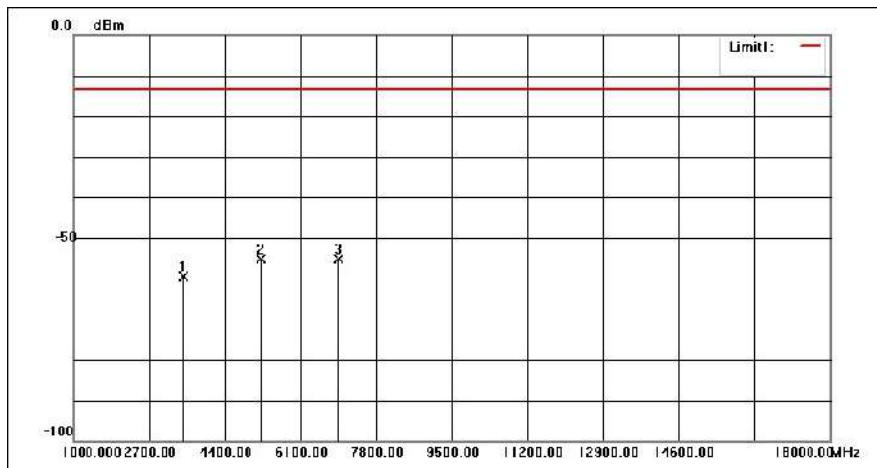


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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.180	-54.89	-4.80	-59.69	-13.00	-46.69	peak
2	5235.270	-53.96	-1.20	-55.16	-13.00	-42.16	peak
3	6980.360	-57.23	2.08	-55.15	-13.00	-42.15	peak



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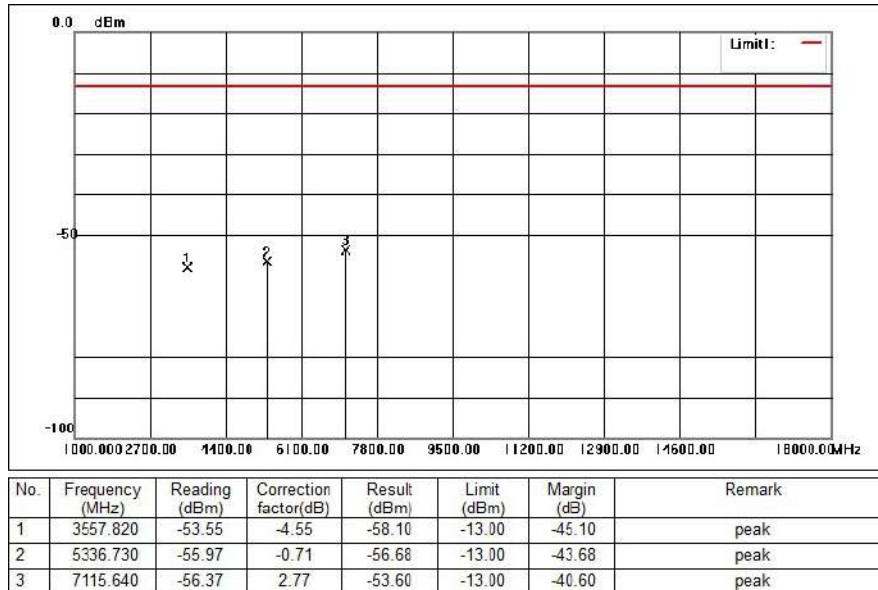
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LTE BAND 66-20MHz-High channel

Polarization: H



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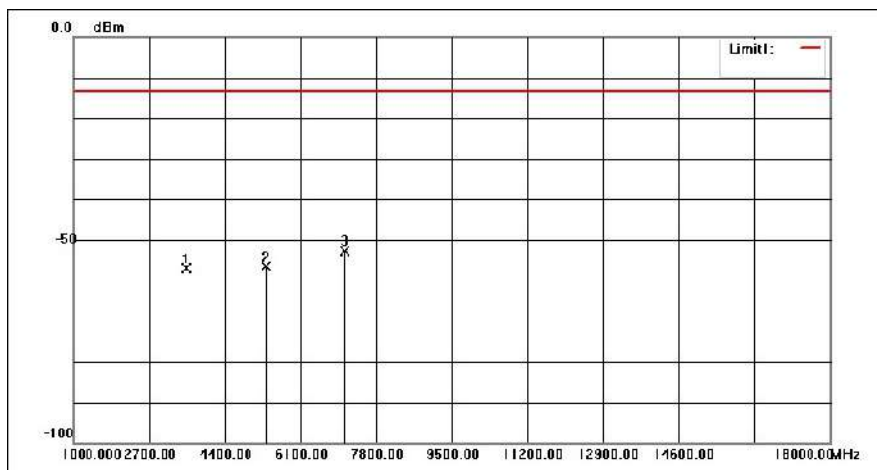
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3557.820	-52.54	-4.55	-57.09	-13.00	-44.09	peak
2	5336.730	-55.92	-0.71	-56.63	-13.00	-43.63	peak
3	7115.640	-55.42	2.77	-52.65	-13.00	-39.65	peak

Remark1:According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark2:The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



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