

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 / NTNV								
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	
		1	0	22.13	-1.00	21.13	<=30	Pass
			2	21.81	-1.00	20.81	<=30	Pass
			5	21.86	-1.00	20.86	<=30	Pass
		3	0	21.75	-1.00	20.75	<=30	Pass
			2	21.84	-1.00	20.84	<=30	Pass
	3		21.84	-1.00	20.84	<=30	Pass	
	6	0	20.78	-1.00	19.78	<=30	Pass	
		1	0	22.06	-1.00	21.06	<=30	Pass
			2	22.01	-1.00	21.01	<=30	Pass
			5	22.00	-1.00	21.00	<=30	Pass
		3	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	
	6	0	20.83	-1.00	19.83	<=30	Pass	
		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		
6	0	19.40	-1.00	18.40	<=30	Pass		
	1	0	20.81	-1.00	19.81	<=30	Pass	
		2	20.80	-1.00	19.80	<=30	Pass	
		5	20.79	-1.00	19.79	<=30	Pass	
	3	0	20.95	-1.00	19.95	<=30	Pass	
		2	21.03	-1.00	20.03	<=30	Pass	
3		20.96	-1.00	19.96	<=30	Pass		
6	0	19.78	-1.00	18.78	<=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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	1778.5	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	
	1	8	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	15	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	
				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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	1745	25	0	19.26	-1.00	18.26	<=30	Pass	
			1	0	21.10	-1.00	20.10	<=30	Pass
				13	21.05	-1.00	20.05	<=30	Pass
		12	24	20.98	-1.00	19.98	<=30	Pass	
			0	19.82	-1.00	18.82	<=30	Pass	
				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	Pass	
	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

1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTV										
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		
		1745	1	0	22.02	-1.00	21.02	<=30	Pass	
					25	21.77	-1.00	20.77	<=30	Pass
	49				21.58	-1.00	20.58	<=30	Pass	
	25		0	20.70	-1.00	19.70	<=30	Pass		
				13	20.67	-1.00	19.67	<=30	Pass	
				25	20.69	-1.00	19.69	<=30	Pass	
	50		0	20.76	-1.00	19.76	<=30	Pass		
	1775		1	0	22.13	-1.00	21.13	<=30	Pass	
					25	21.86	-1.00	20.86	<=30	Pass
		49			21.01	-1.00	20.01	<=30	Pass	
		25	0	20.73	-1.00	19.73	<=30	Pass		
				13	20.79	-1.00	19.79	<=30	Pass	
				25	20.76	-1.00	19.76	<=30	Pass	
		50	0	20.81	-1.00	19.81	<=30	Pass		
		16QAM	1715	1	0	20.61	-1.00	19.61	<=30	Pass



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		25	25	20.37	-1.00	19.37	<=30	Pass
			49	20.28	-1.00	19.28	<=30	Pass
			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
			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
			0	19.68	-1.00	18.68	<=30	Pass
	1745	25	13	19.71	-1.00	18.71	<=30	Pass
			25	19.70	-1.00	18.70	<=30	Pass
			0	19.68	-1.00	18.68	<=30	Pass
		50	0	19.68	-1.00	18.68	<=30	Pass
			0	21.36	-1.00	20.36	<=30	Pass
			25	21.21	-1.00	20.21	<=30	Pass
	1775	1	49	20.81	-1.00	19.81	<=30	Pass
			0	19.75	-1.00	18.75	<=30	Pass
			13	19.76	-1.00	18.76	<=30	Pass
		25	25	19.72	-1.00	18.72	<=30	Pass
			0	19.68	-1.00	18.68	<=30	Pass
		50	0	19.68	-1.00	18.68	<=30	Pass
			0	21.36	-1.00	20.36	<=30	Pass
			25	21.21	-1.00	20.21	<=30	Pass

Note1: EIRP=Power+Antenna Gain

1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTN									
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	
		1745	1	0	21.44	-1.00	20.44	<=30	Pass
				38	21.62	-1.00	20.62	<=30	Pass
	74			21.66	-1.00	20.66	<=30	Pass	
	36		0	20.40	-1.00	19.40	<=30	Pass	
			18	20.68	-1.00	19.68	<=30	Pass	
			39	20.75	-1.00	19.75	<=30	Pass	
	75		0	20.54	-1.00	19.54	<=30	Pass	
	1772.5		1	0	21.59	-1.00	20.59	<=30	Pass
				38	21.77	-1.00	20.77	<=30	Pass
		74		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 / NTV								
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
	1745	100	0	20.81	-1.00	19.81	<=30	Pass
			0	21.90	-1.00	20.90	<=30	Pass
			50	21.74	-1.00	20.74	<=30	Pass
		50	99	21.45	-1.00	20.45	<=30	Pass
			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		
			0	20.72	-1.00	19.72	<=30	Pass		
		50	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 [dBd]

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
	50	3.85	-2.73	-0.00	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	-10.64	-0.01	-2.5 to 2.5	Pass
					3.85	-2.46	-0.00	-2.5 to 2.5	Pass
					4.43	-0.66	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.78	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.02	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.07	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
	50	3.85	-4.13	-0.00	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	15.12	0.01	-2.5 to 2.5	Pass
					3.85	12.60	0.01	-2.5 to 2.5	Pass
					4.43	14.56	0.01	-2.5 to 2.5	Pass
				-30	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
30				3.85	11.72	0.01	-2.5 to 2.5	Pass	
40				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				
16QAM	1710.7	6	0	20	3.27	-1.22	-0.00	-2.5 to 2.5	Pass
					3.85	-1.95	-0.00	-2.5 to 2.5	Pass



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					4.43	-2.02	-0.00	-2.5 to 2.5	Pass				
					-30	3.85	-2.35	-0.00	-2.5 to 2.5	Pass			
					-20	3.85	-1.82	-0.00	-2.5 to 2.5	Pass			
					-10	3.85	-2.52	-0.00	-2.5 to 2.5	Pass			
					0	3.85	-2.59	-0.00	-2.5 to 2.5	Pass			
					10	3.85	-1.13	-0.00	-2.5 to 2.5	Pass			
					30	3.85	0.44	0.00	-2.5 to 2.5	Pass			
					40	3.85	-1.60	-0.00	-2.5 to 2.5	Pass			
					50	3.85	-1.17	-0.00	-2.5 to 2.5	Pass			
					1745	6	0	20	3.27	-2.40	-0.00	-2.5 to 2.5	Pass
									3.85	-2.25	-0.00	-2.5 to 2.5	Pass
									4.43	-2.96	-0.00	-2.5 to 2.5	Pass
								-30	3.85	-3.45	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
-10	3.85	-2.40	-0.00	-2.5 to 2.5				Pass					
0	3.85	-2.06	-0.00	-2.5 to 2.5				Pass					
10	3.85	-1.14	-0.00	-2.5 to 2.5				Pass					
30	3.85	-0.86	-0.00	-2.5 to 2.5				Pass					
40	3.85	-2.16	-0.00	-2.5 to 2.5				Pass					
50	3.85	-2.20	-0.00	-2.5 to 2.5	Pass								
1779.3	6	0	20	3.27	-2.89	-0.00	-2.5 to 2.5	Pass					
				3.85	-2.03	-0.00	-2.5 to 2.5	Pass					
				4.43	-2.12	-0.00	-2.5 to 2.5	Pass					
			-30	3.85	-1.85	-0.00	-2.5 to 2.5	Pass					
			-20	3.85	-2.03	-0.00	-2.5 to 2.5	Pass					
			-10	3.85	-1.40	-0.00	-2.5 to 2.5	Pass					
			0	3.85	-0.73	-0.00	-2.5 to 2.5	Pass					
			10	3.85	-1.63	-0.00	-2.5 to 2.5	Pass					
			30	3.85	-2.52	-0.00	-2.5 to 2.5	Pass					
			40	3.85	-1.26	-0.00	-2.5 to 2.5	Pass					
50	3.85	-0.57	-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
	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			
	1778.5	15	0	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
-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				
1711.5	15	0	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	
			-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				
1745	15	0	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	
			-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
	50	3.85	2.63	0.00	-2.5 to 2.5	Pass			
	1745	25	0	20	3.27	-0.66	-0.00	-2.5 to 2.5	Pass
					3.85	-0.67	-0.00	-2.5 to 2.5	Pass
					4.43	-1.22	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.32	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.89	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.17	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
40				3.85	-1.56	-0.00	-2.5 to 2.5	Pass	
50	3.85	0.01	0.00	-2.5 to 2.5	Pass				
1777.5	25	0	20	3.27	2.37	0.00	-2.5 to 2.5	Pass	
				3.85	3.33	0.00	-2.5 to 2.5	Pass	
				4.43	4.31	0.00	-2.5 to 2.5	Pass	
			-30	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	
50	3.85	-2.06	-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
	1775	50	0	50	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
				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			
				50	3.85	0.26	0.00	-2.5 to 2.5	Pass			
				1745	75	0	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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				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				
	1772.5	75	0	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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	1745	100	0	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
				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			
	1770	100	0	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
				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

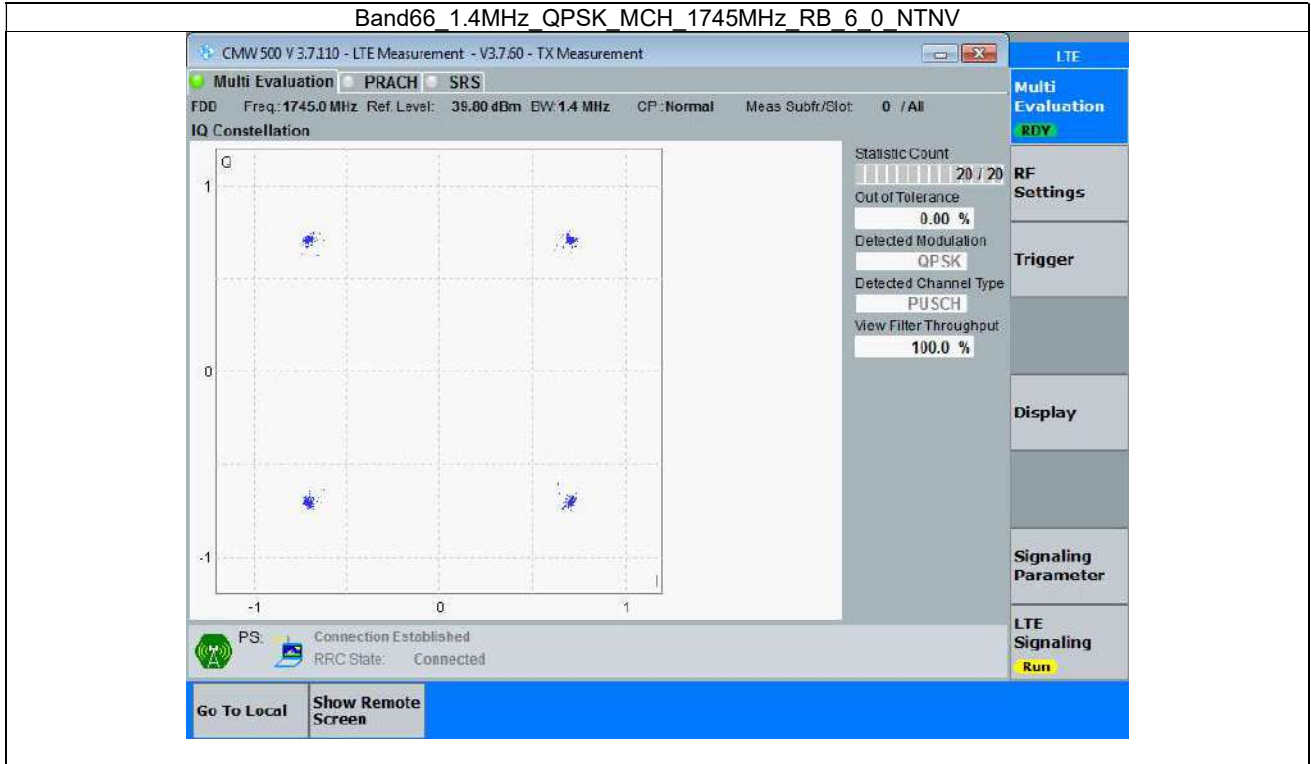
Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass



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3.1.2 Test Graph

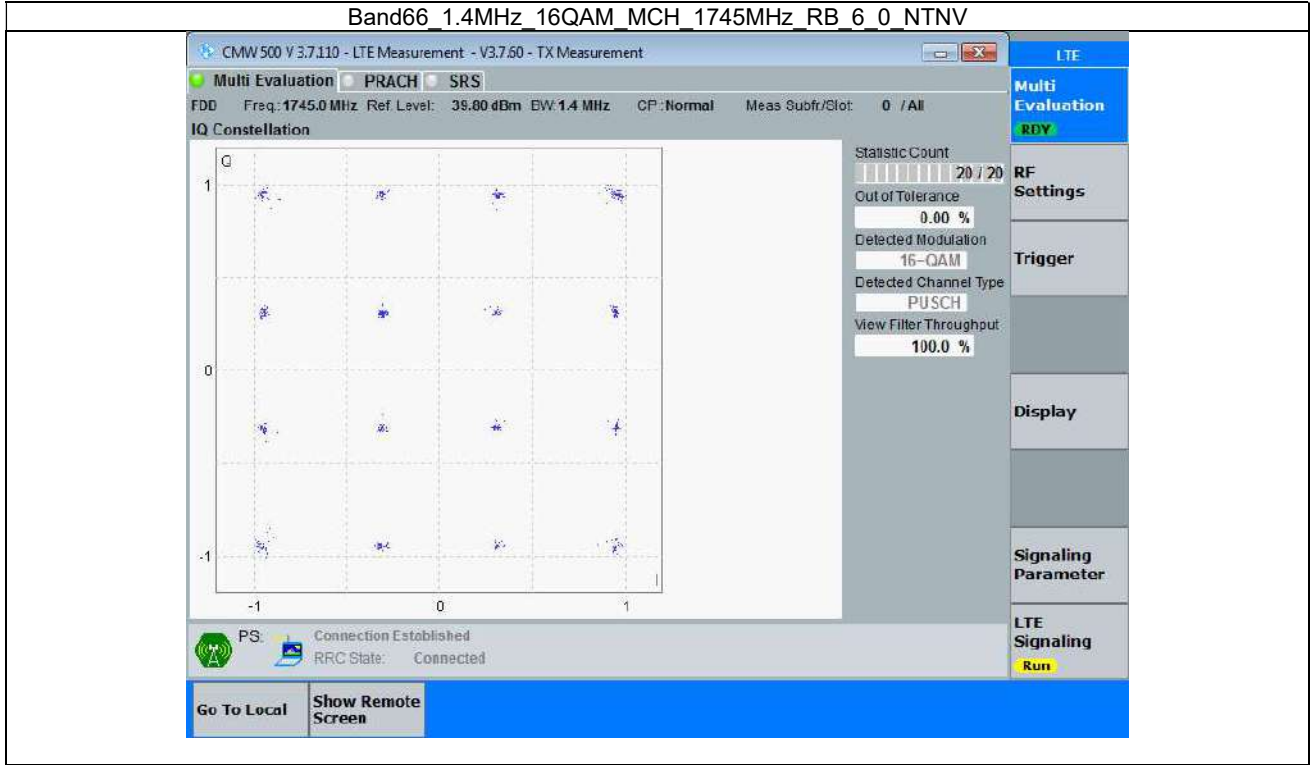


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3.2 B66_3MHz

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



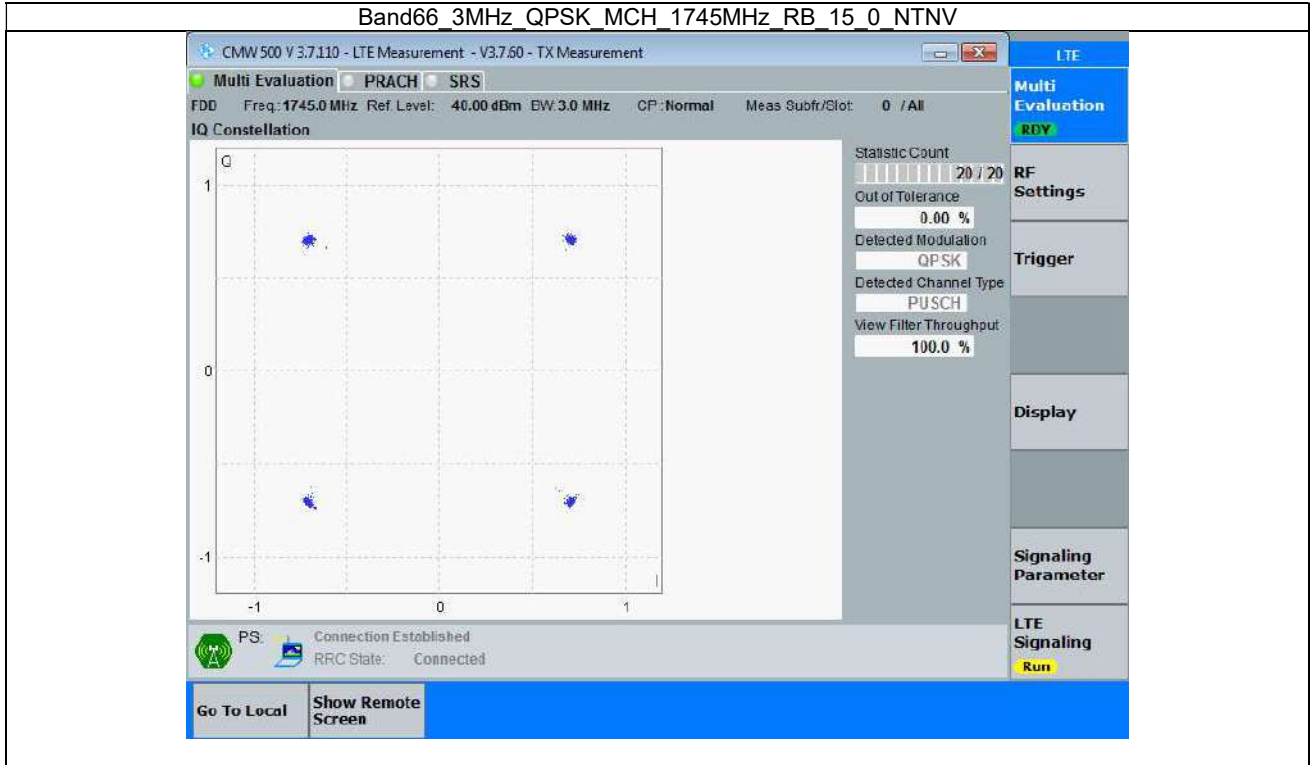
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3.2.2 Test Graph

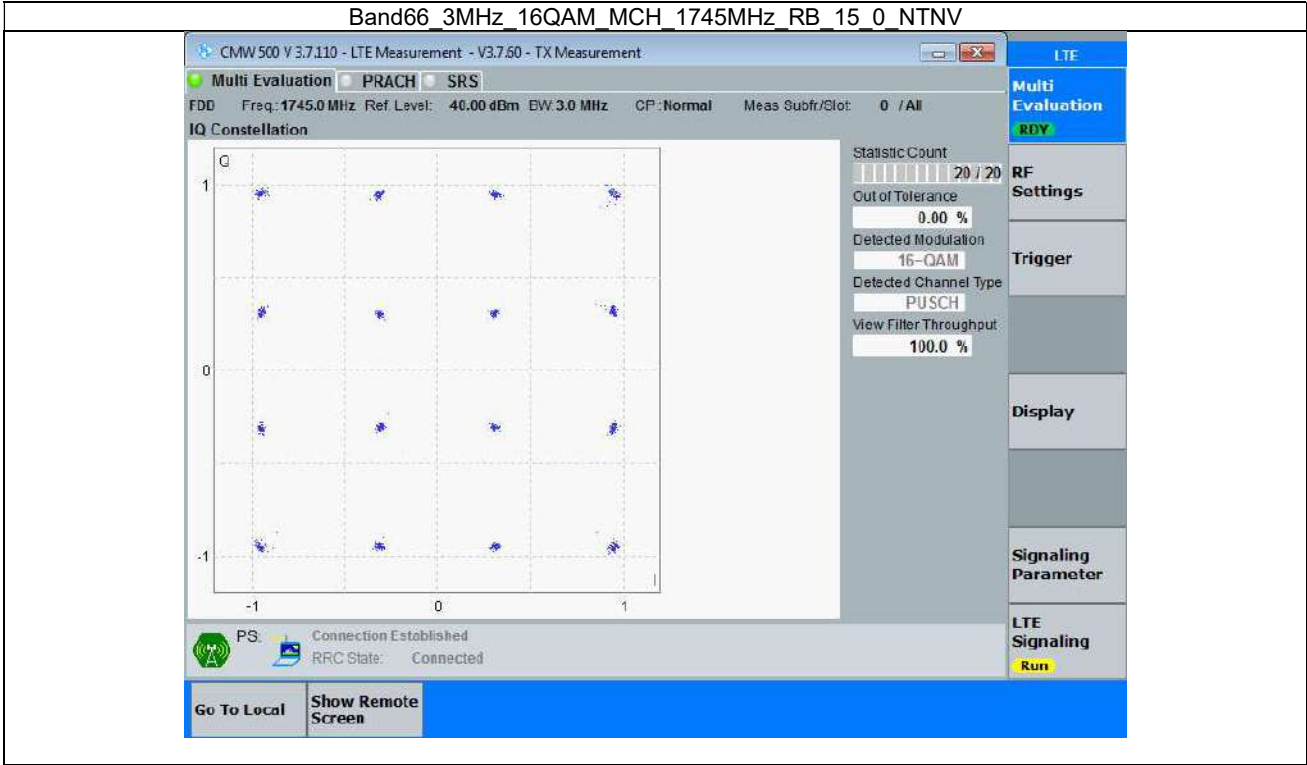


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3.3 B66_5MHz

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



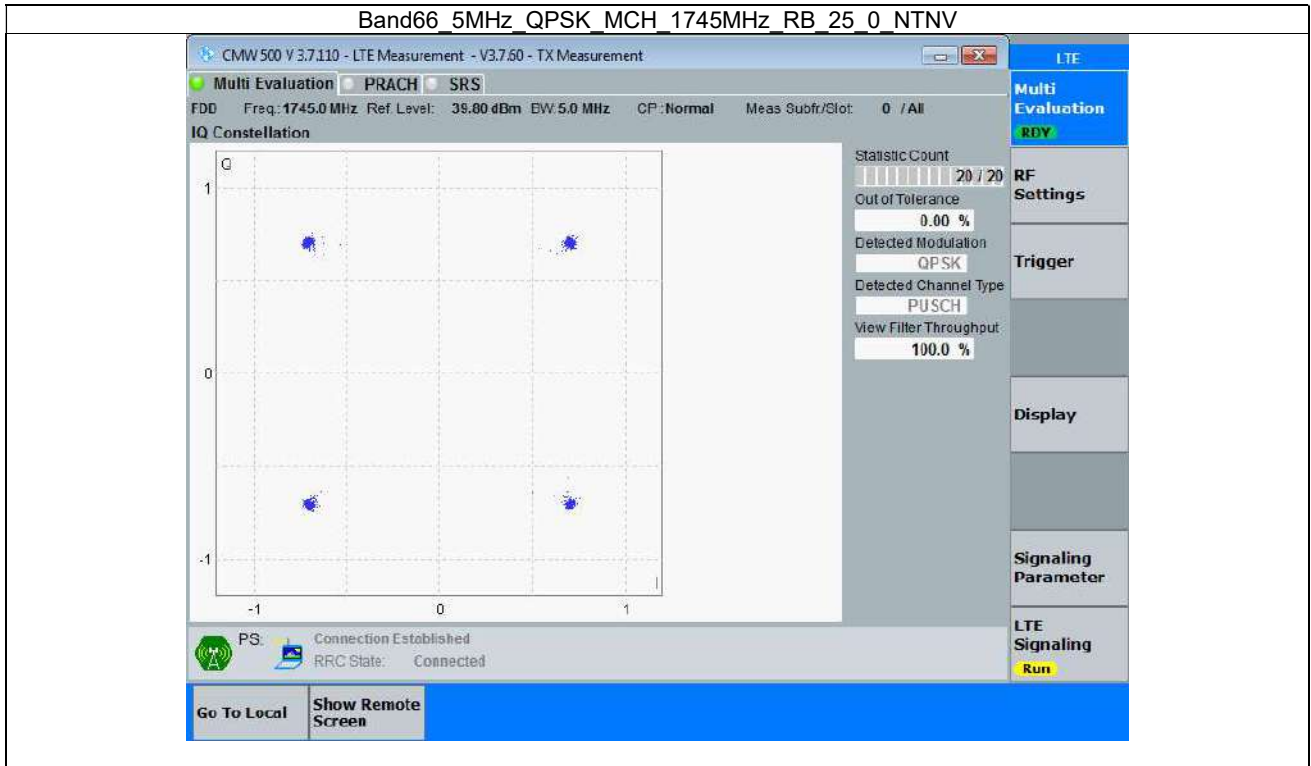
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3.3.2 Test Graph

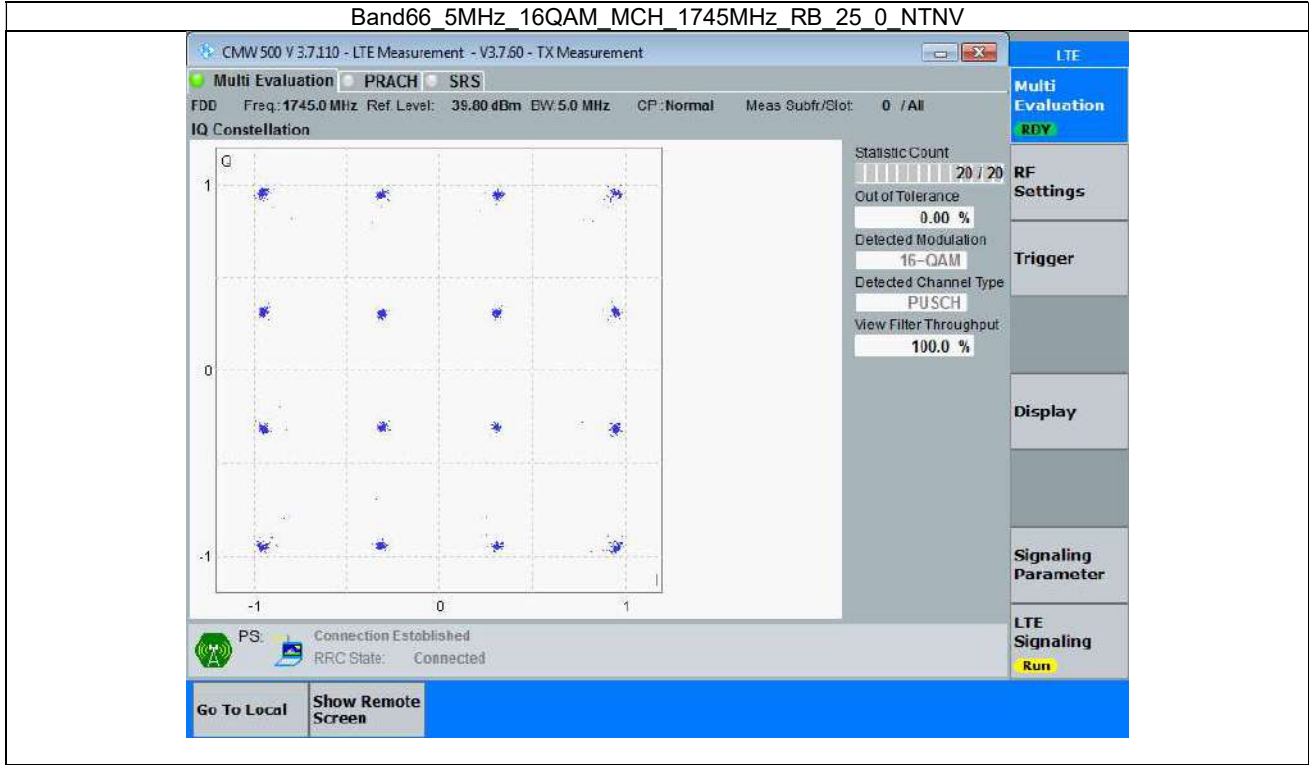


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3.4 B66_10MHz

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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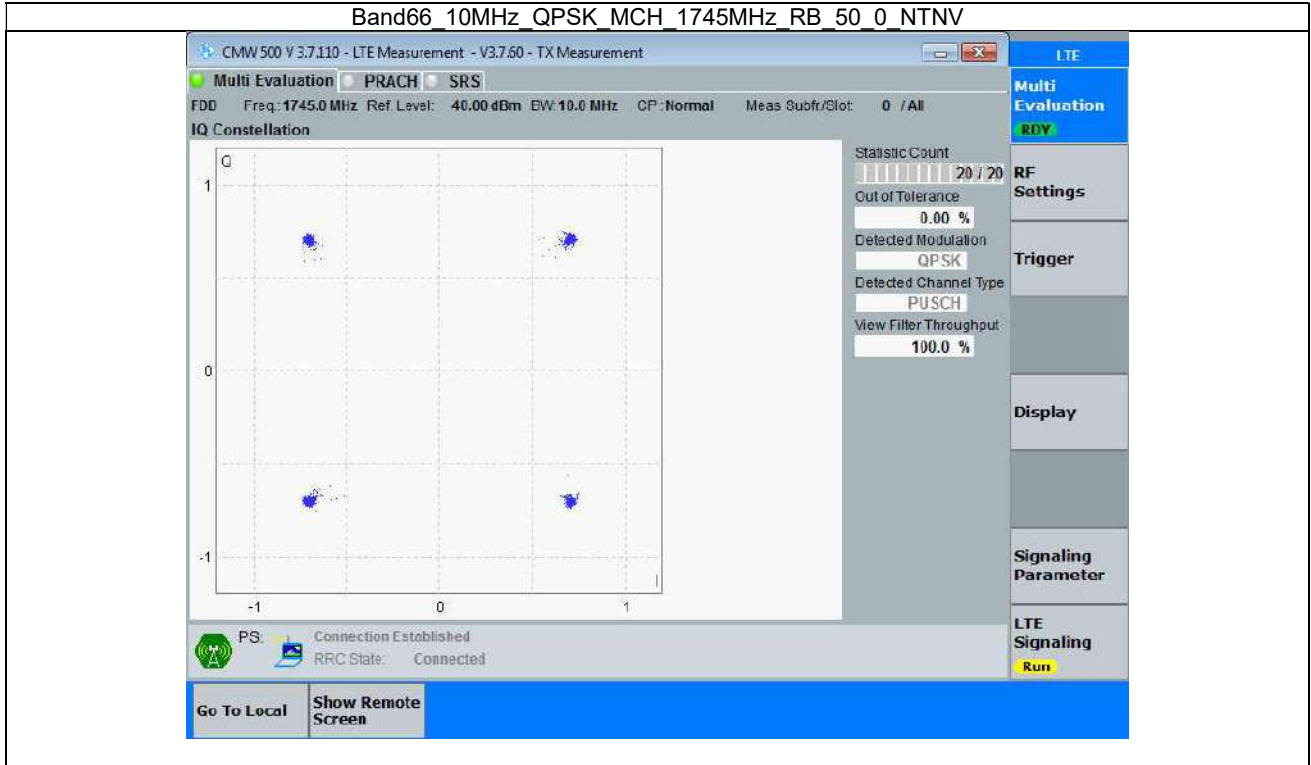
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3.4.2 Test Graph

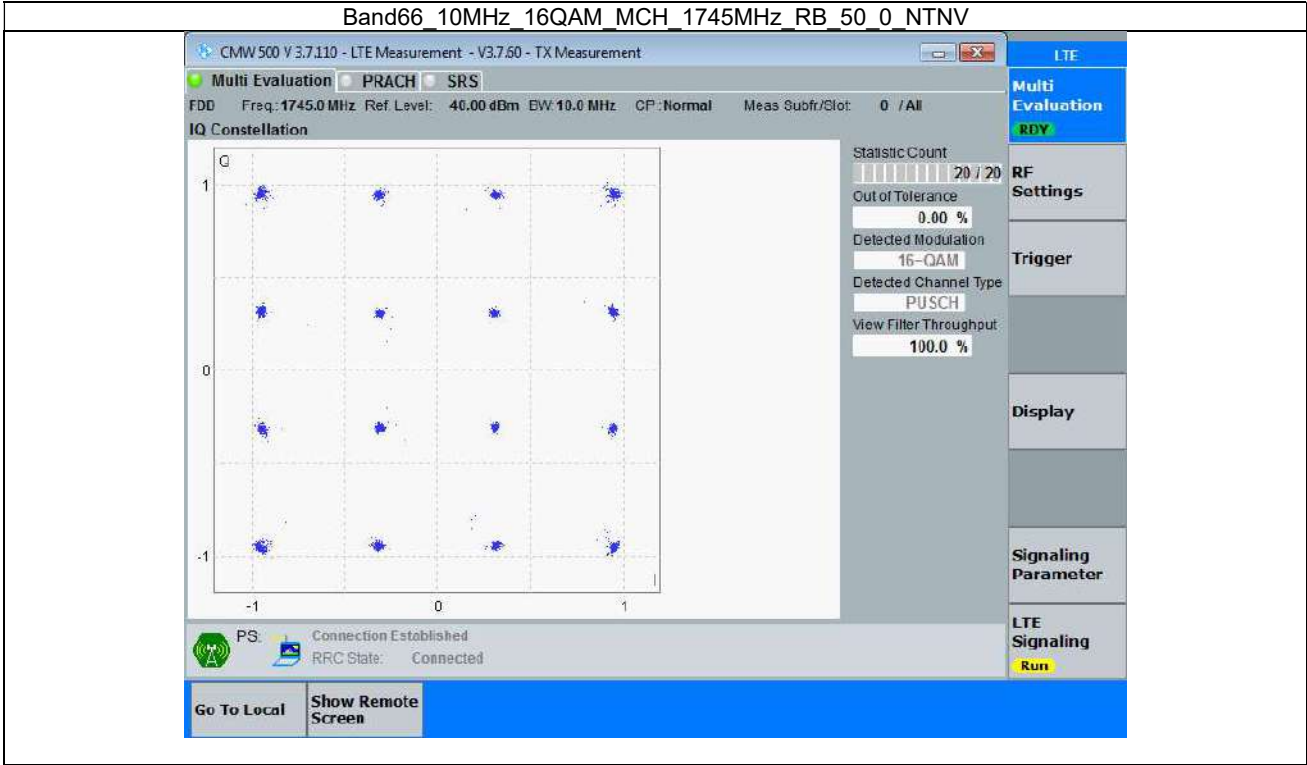


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3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV						
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

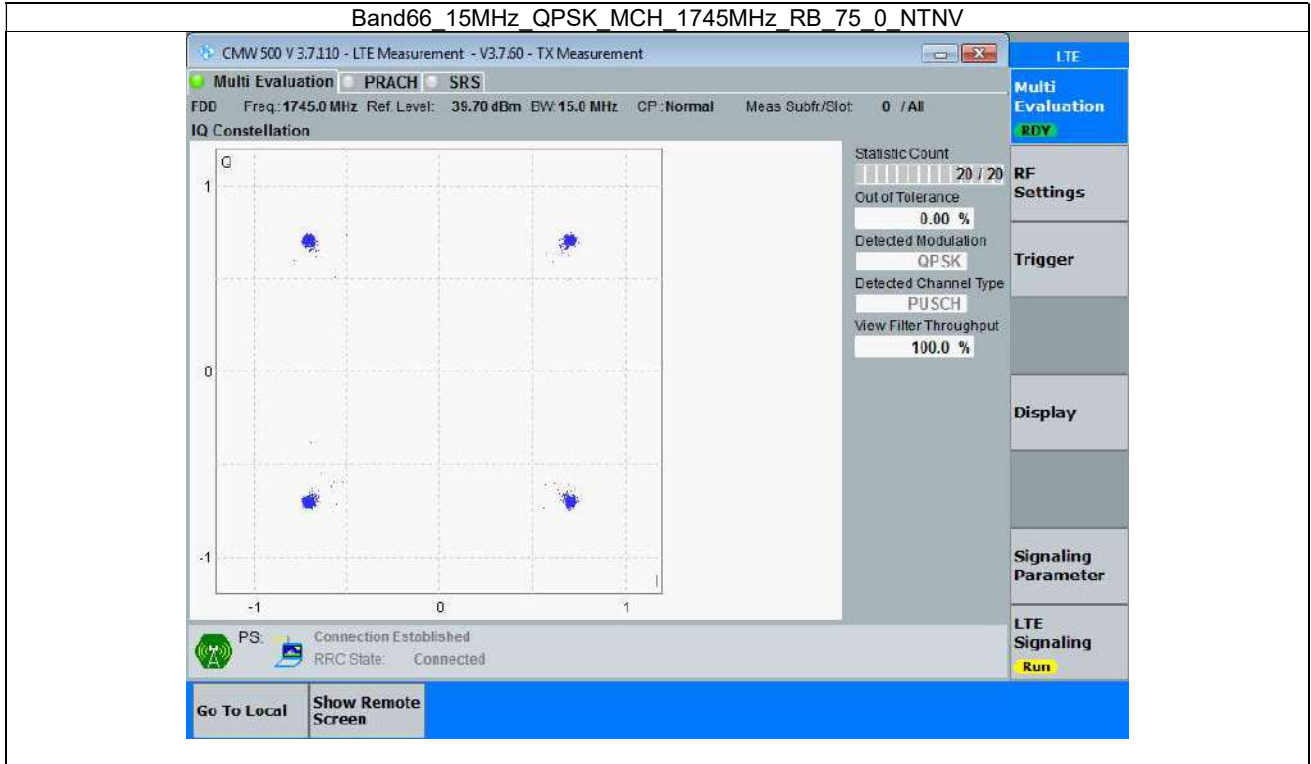


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3.5.2 Test Graph

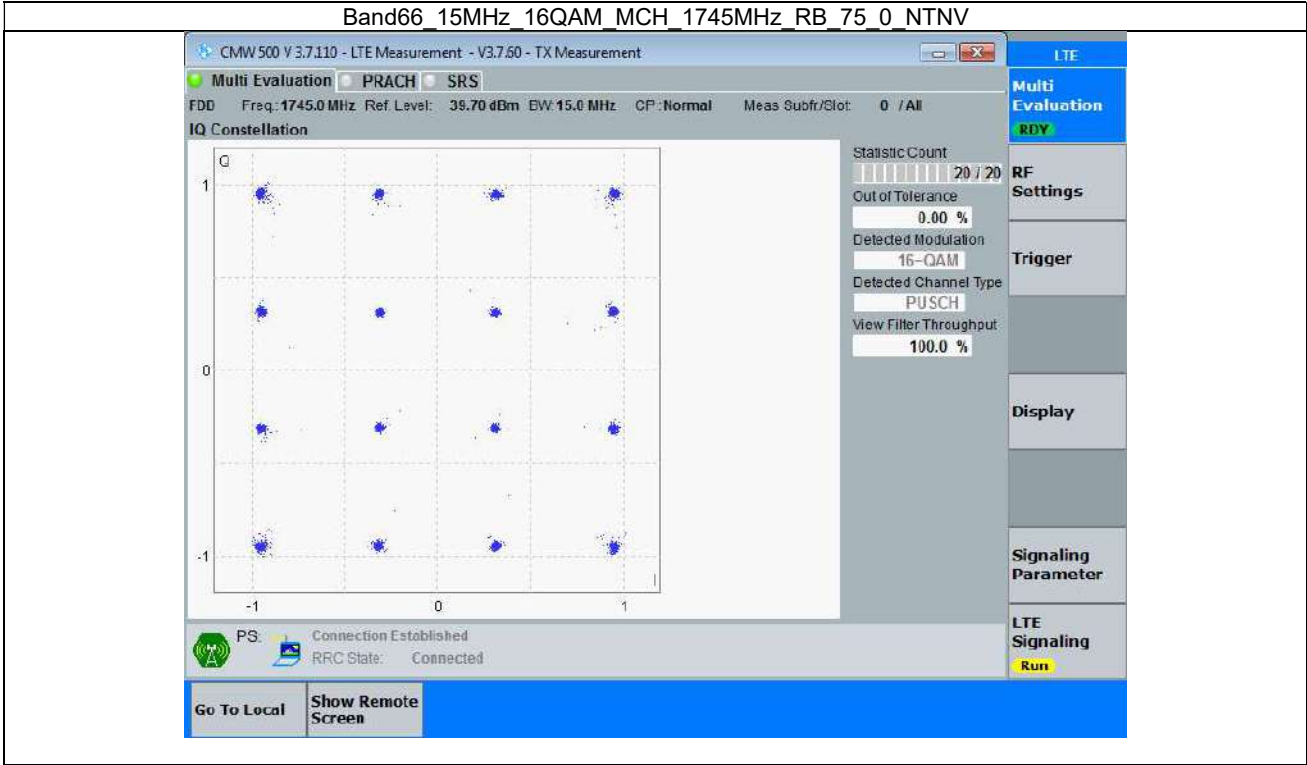


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3.6 B66_20MHz

3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTVN						
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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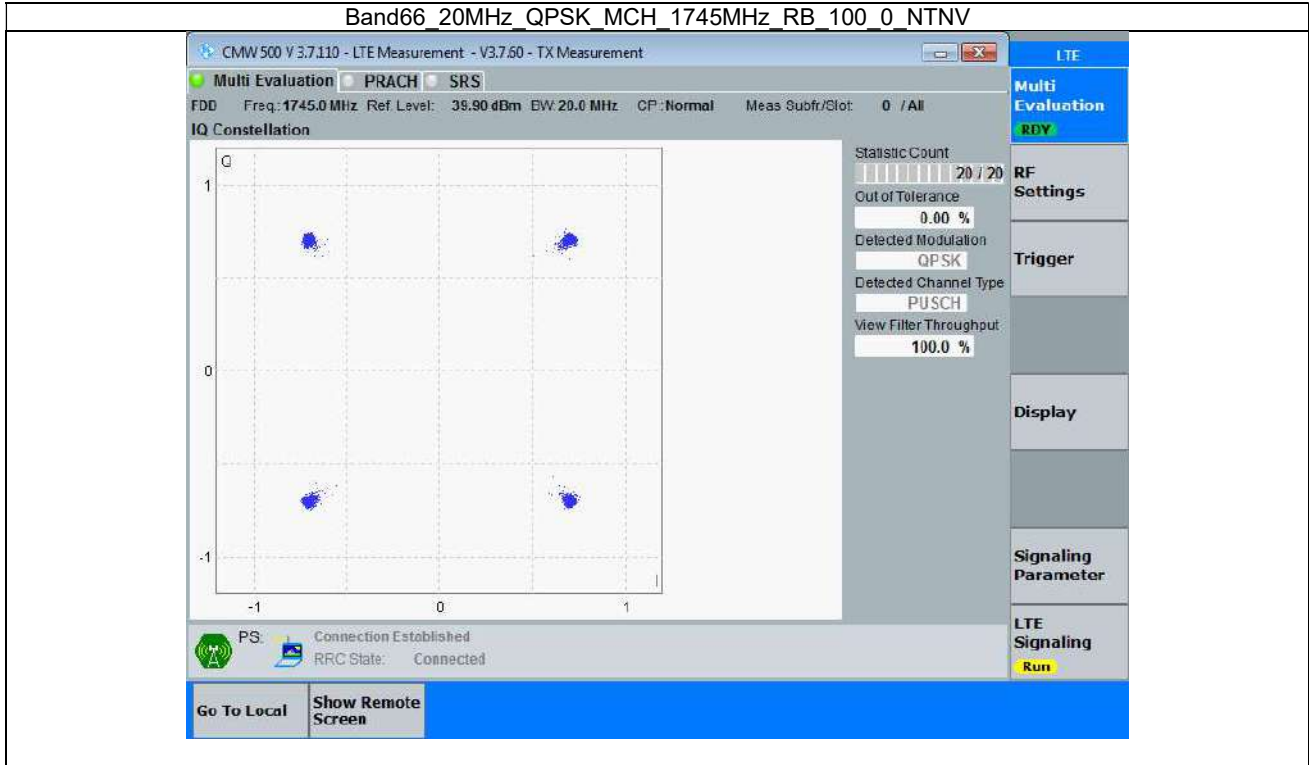
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3.6.2 Test Graph

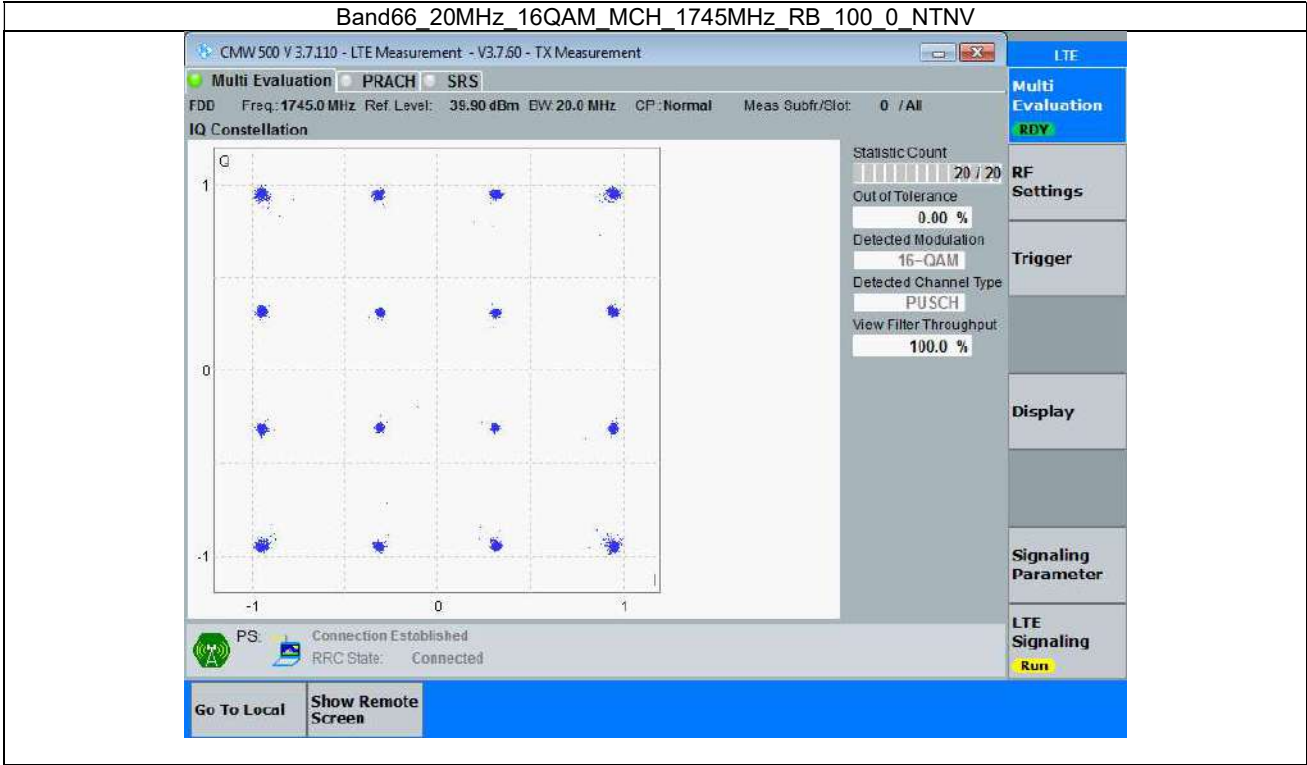


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4. 99% & 26dB Bandwidth

4.1 Band66_OBW

4.1.1 Test Result

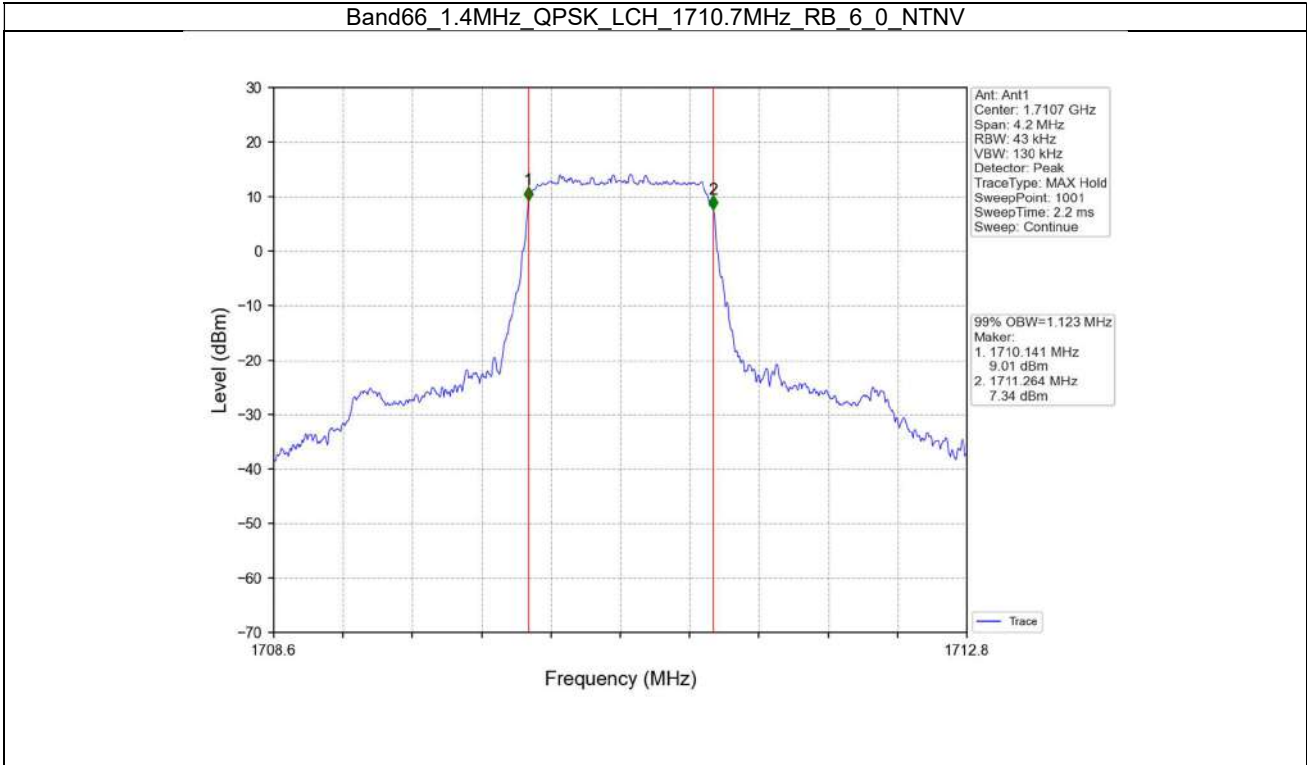
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.123	Pass
		1745	6	0	1.114	Pass
		1779.3	6	0	1.121	Pass
	16QAM	1710.7	6	0	1.113	Pass
		1745	6	0	1.115	Pass
		1779.3	6	0	1.113	Pass
3	QPSK	1711.5	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

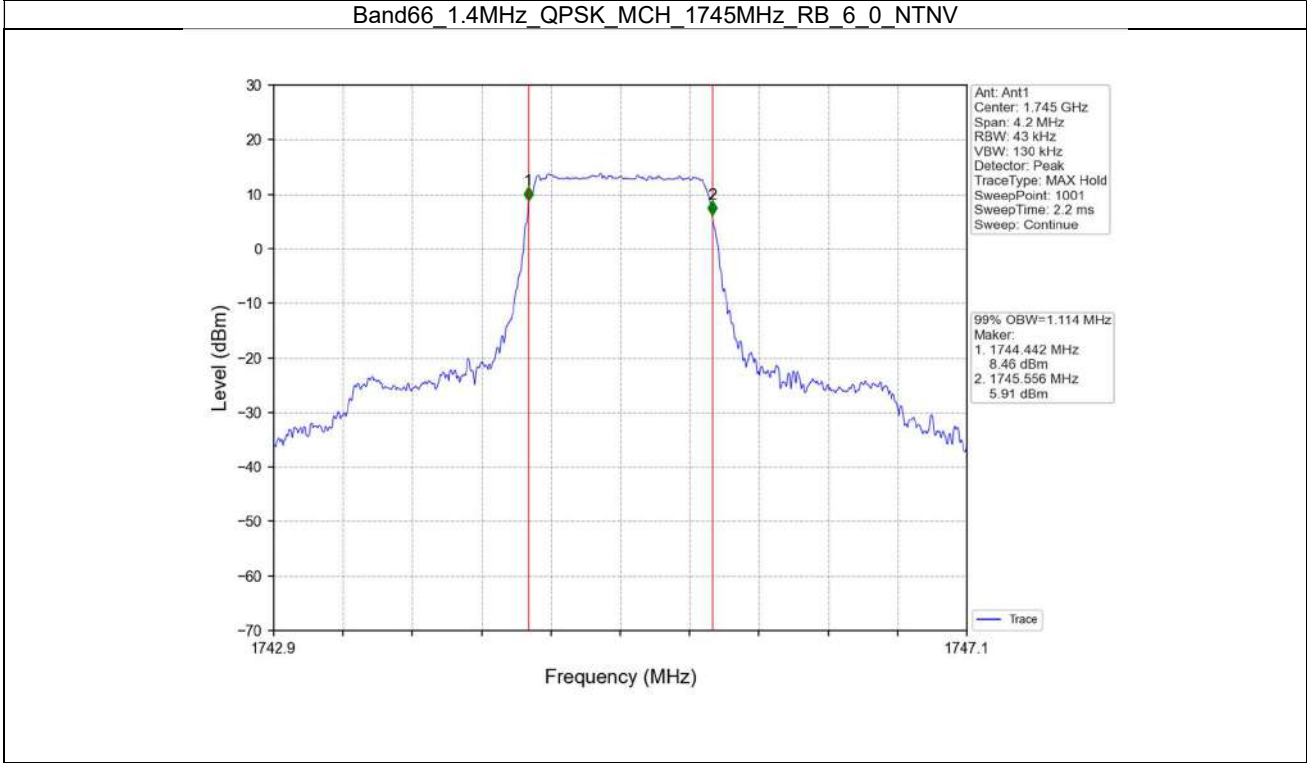


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Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



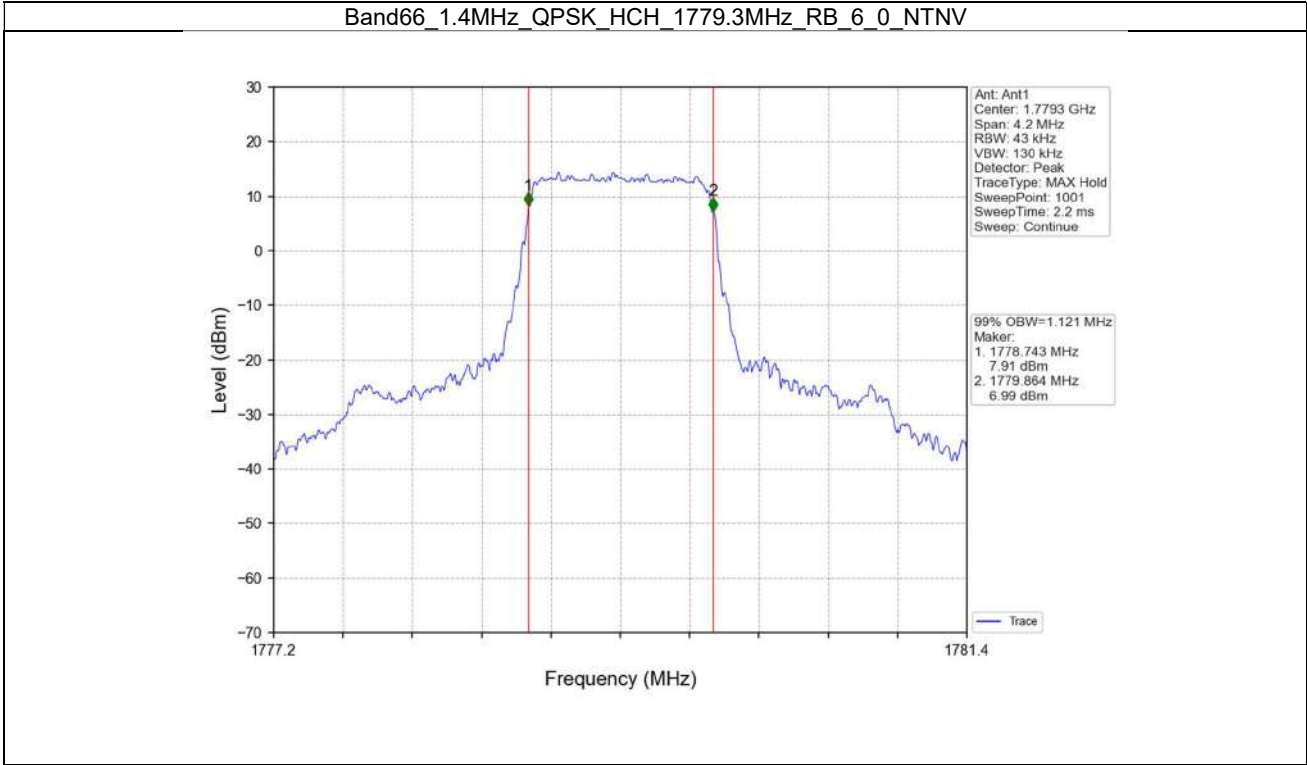
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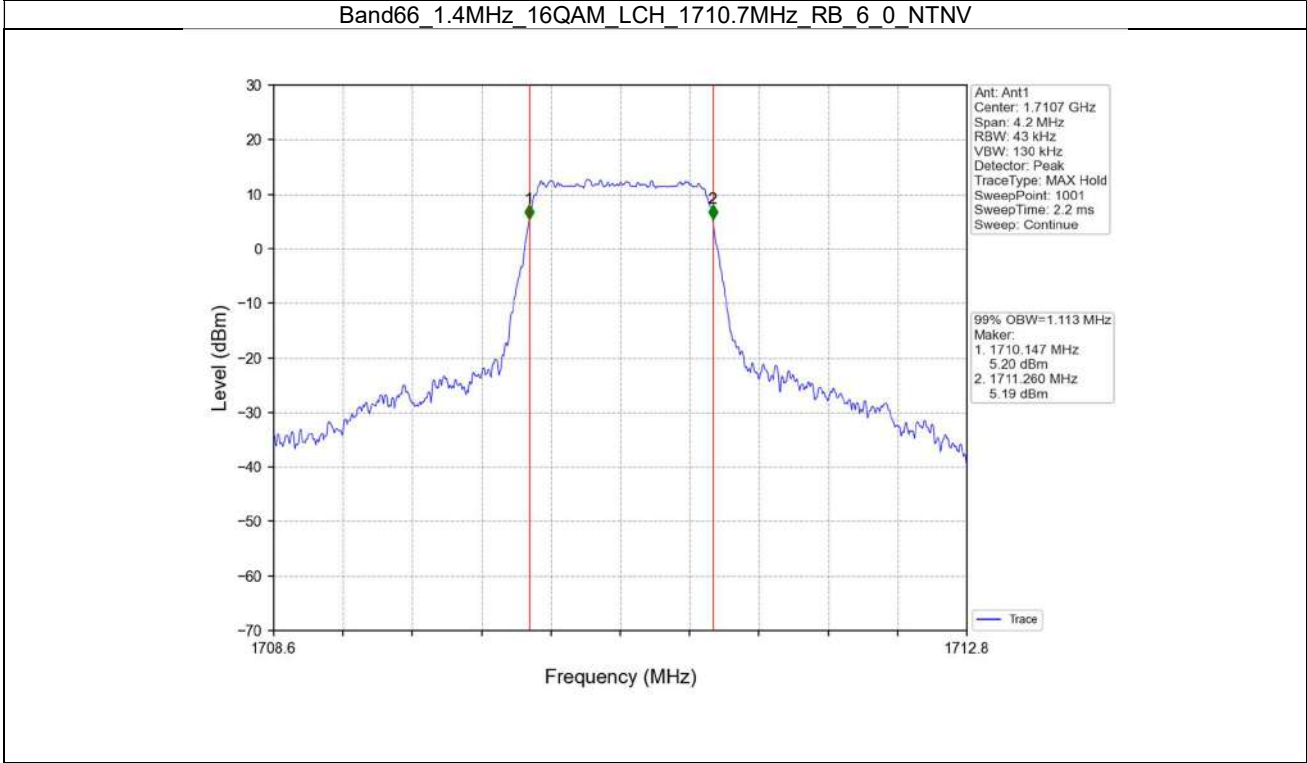
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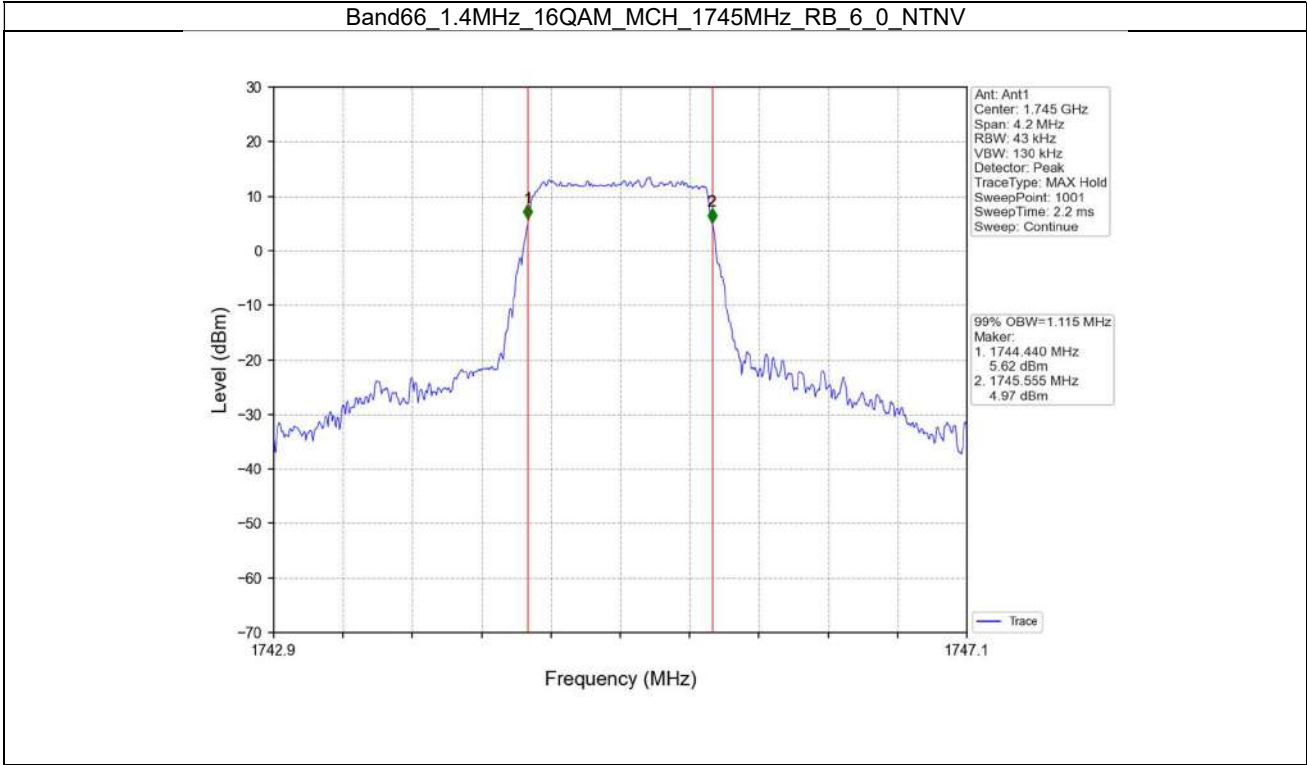
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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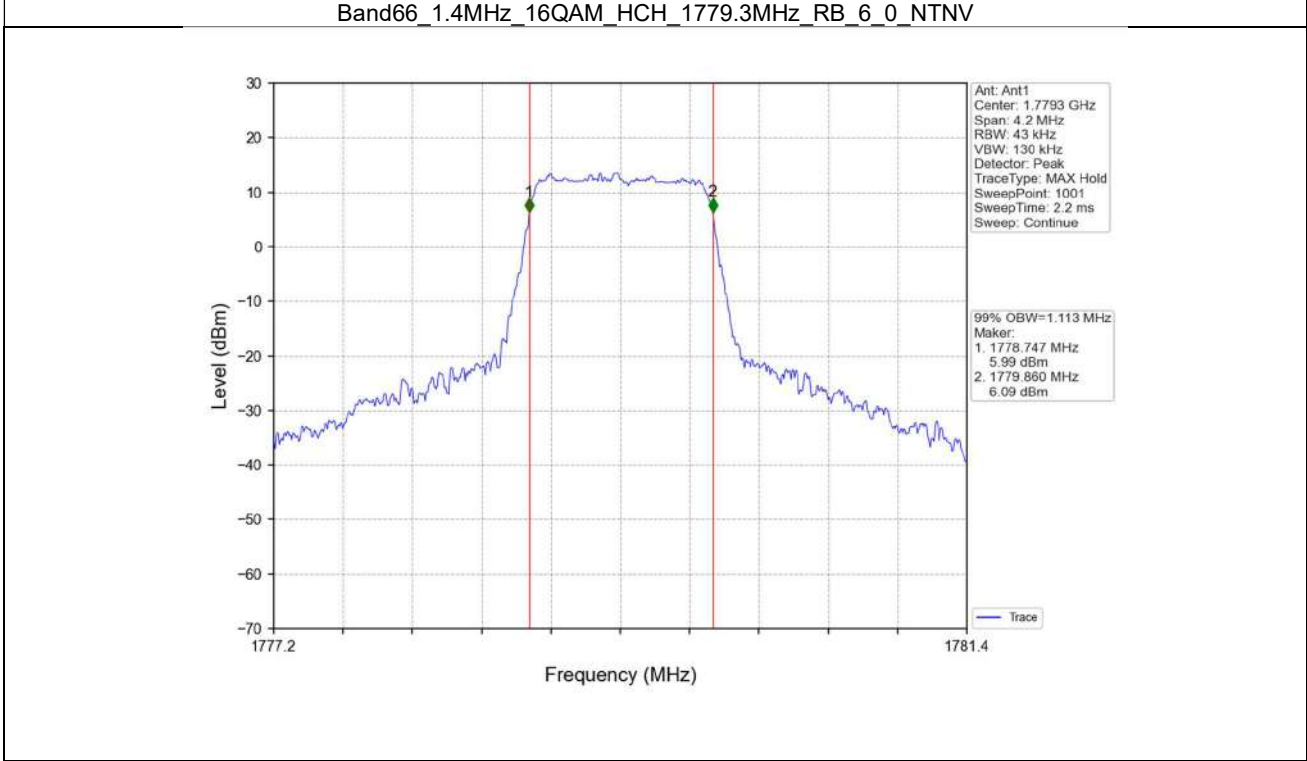


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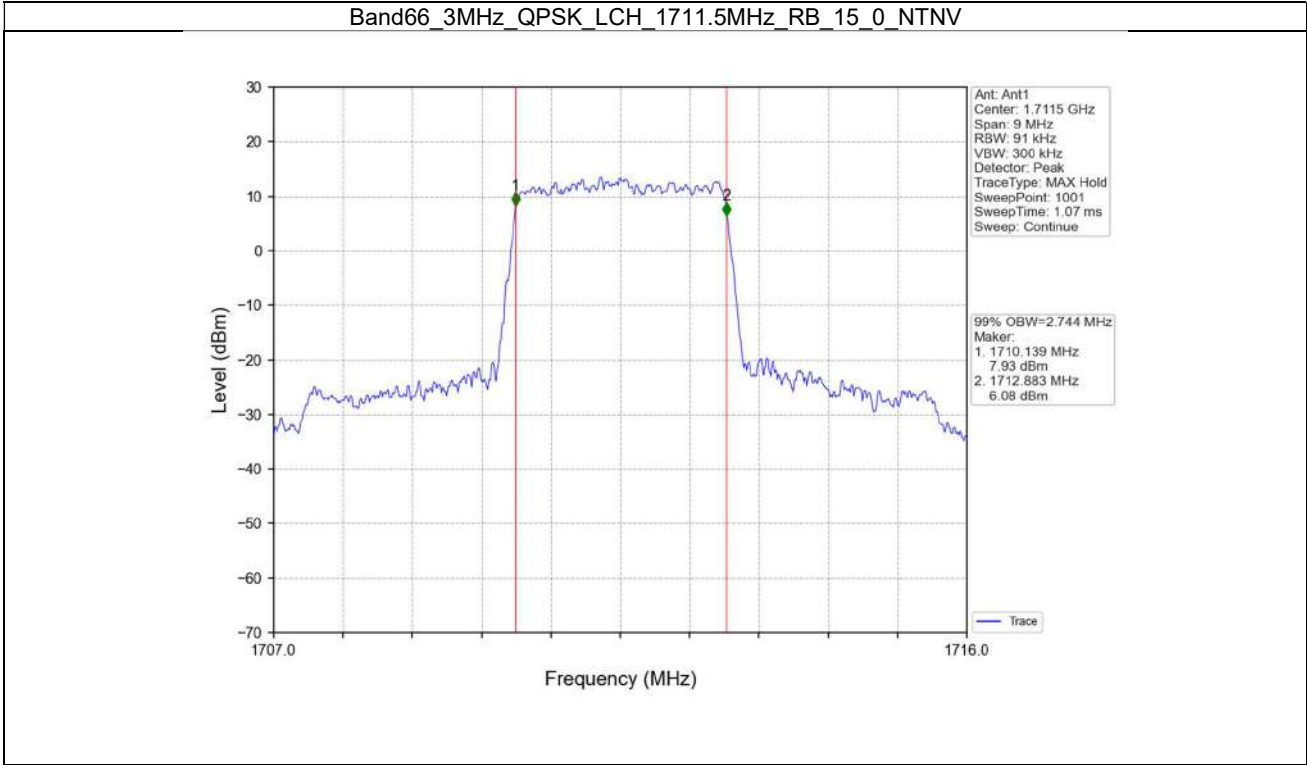
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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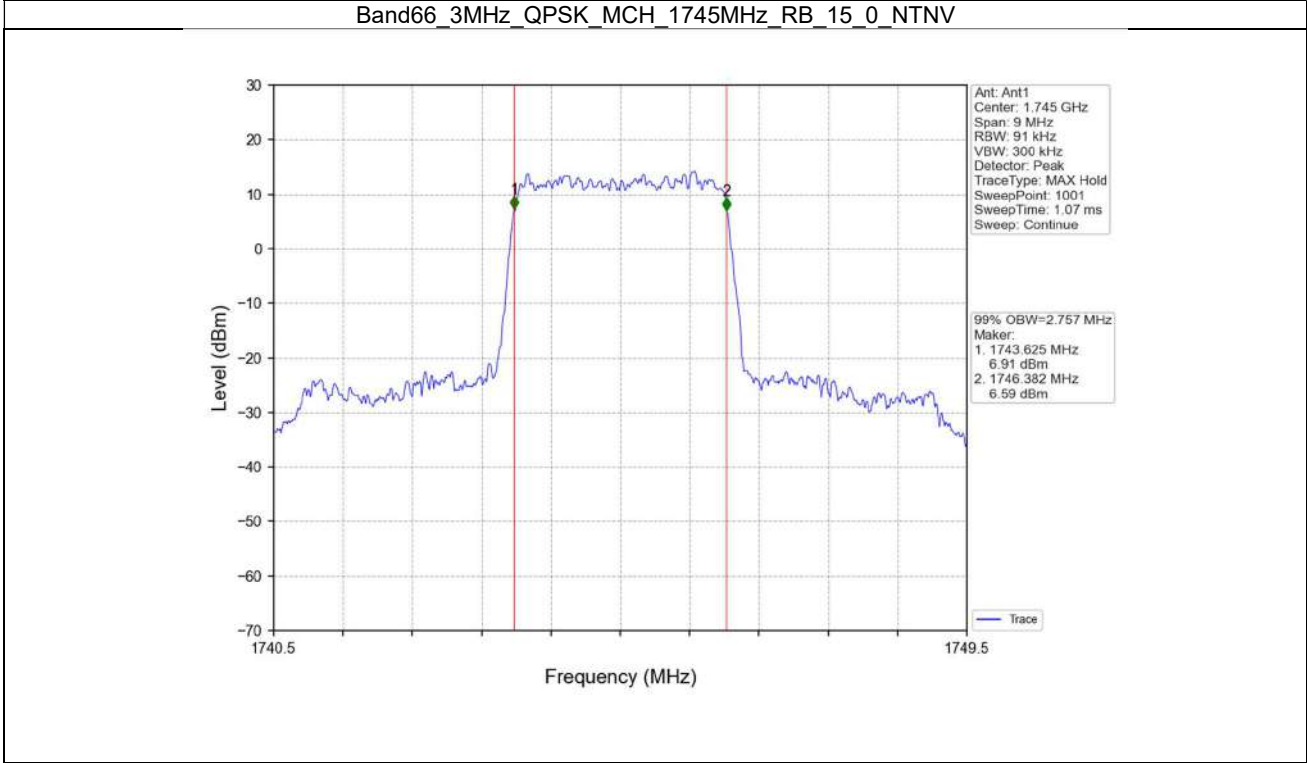


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Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

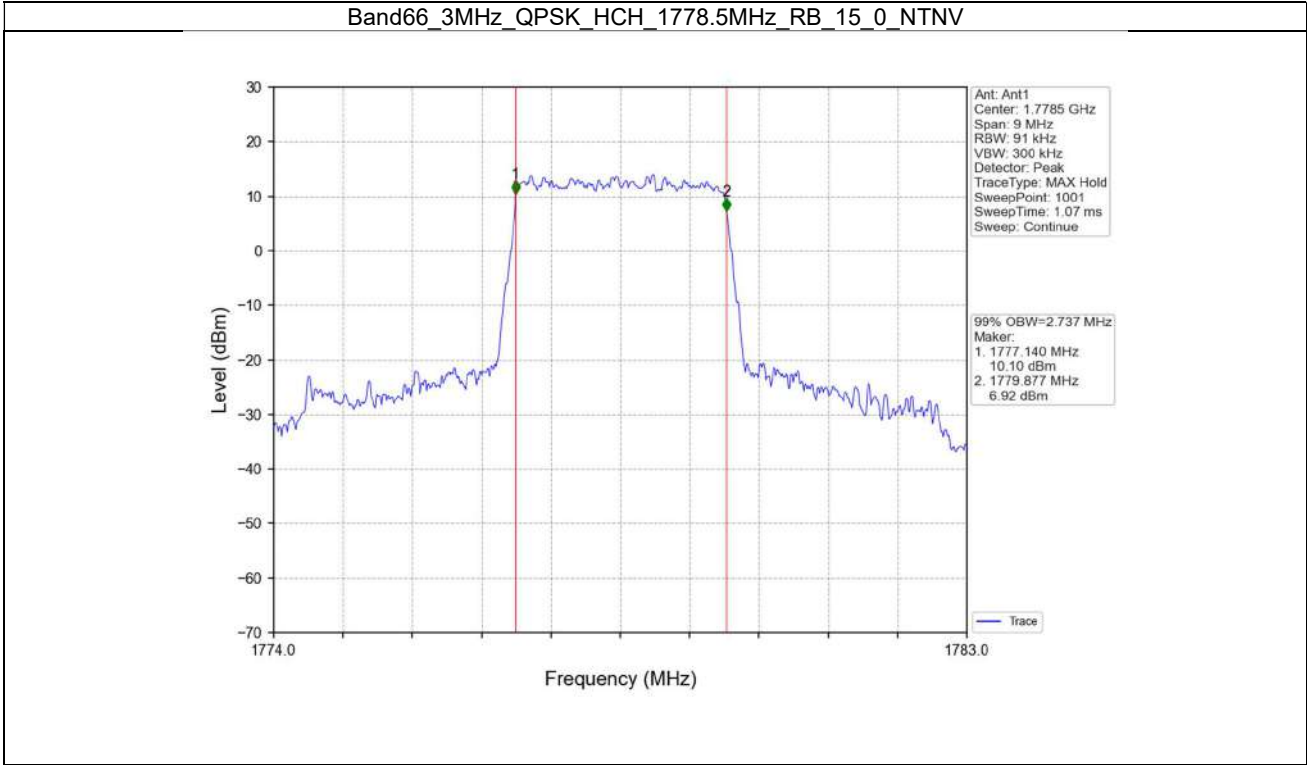


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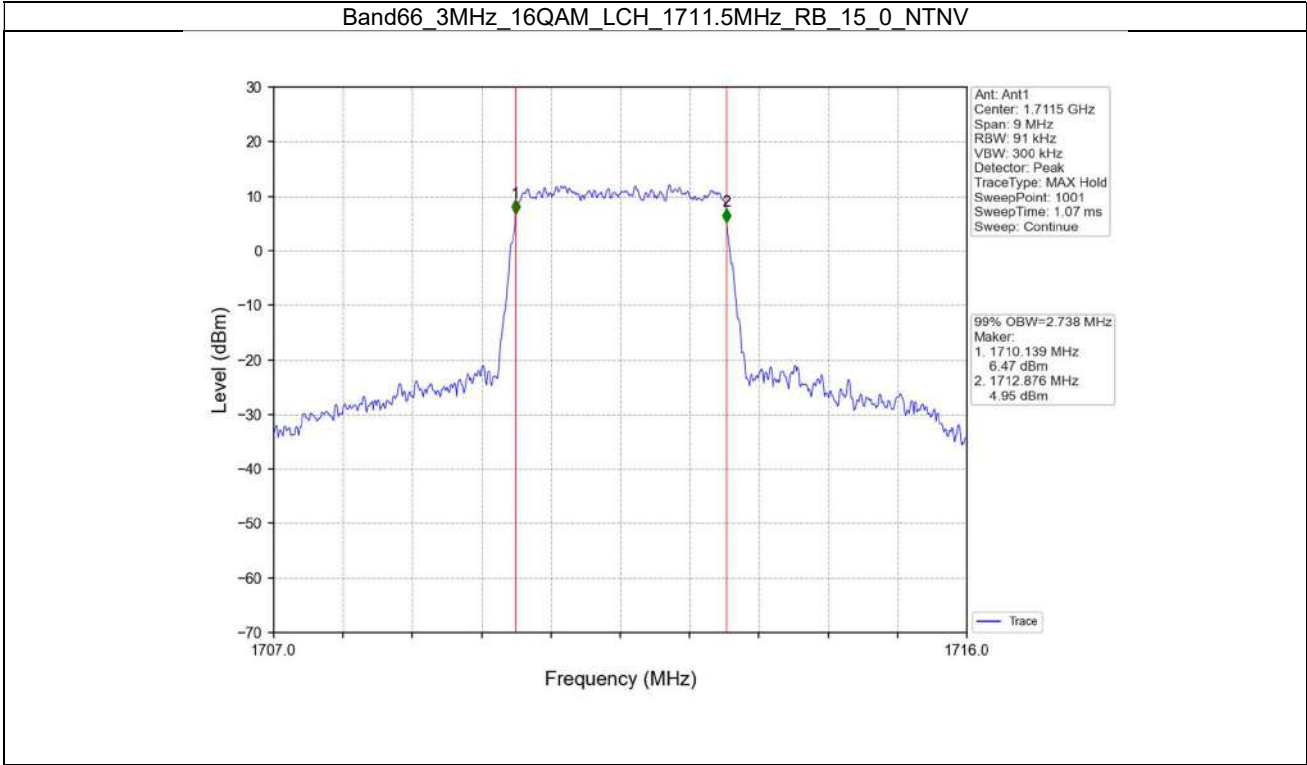
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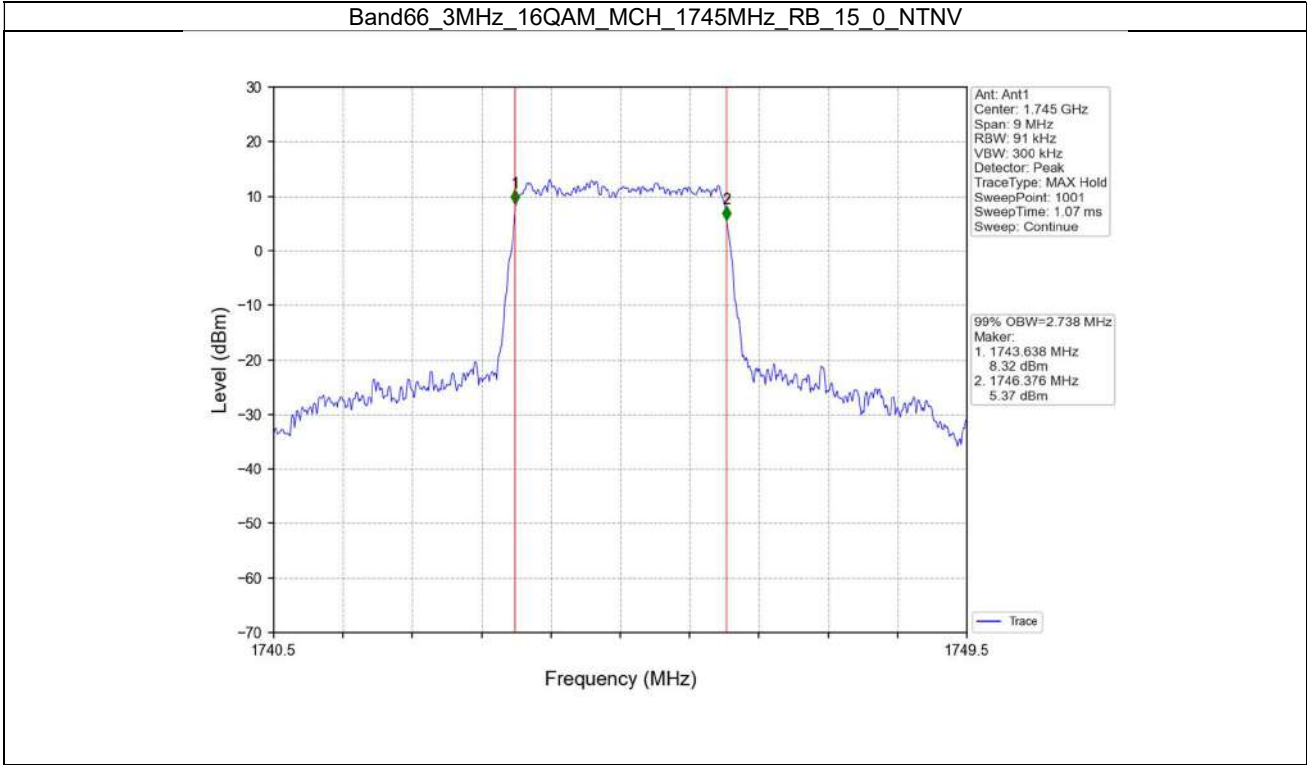
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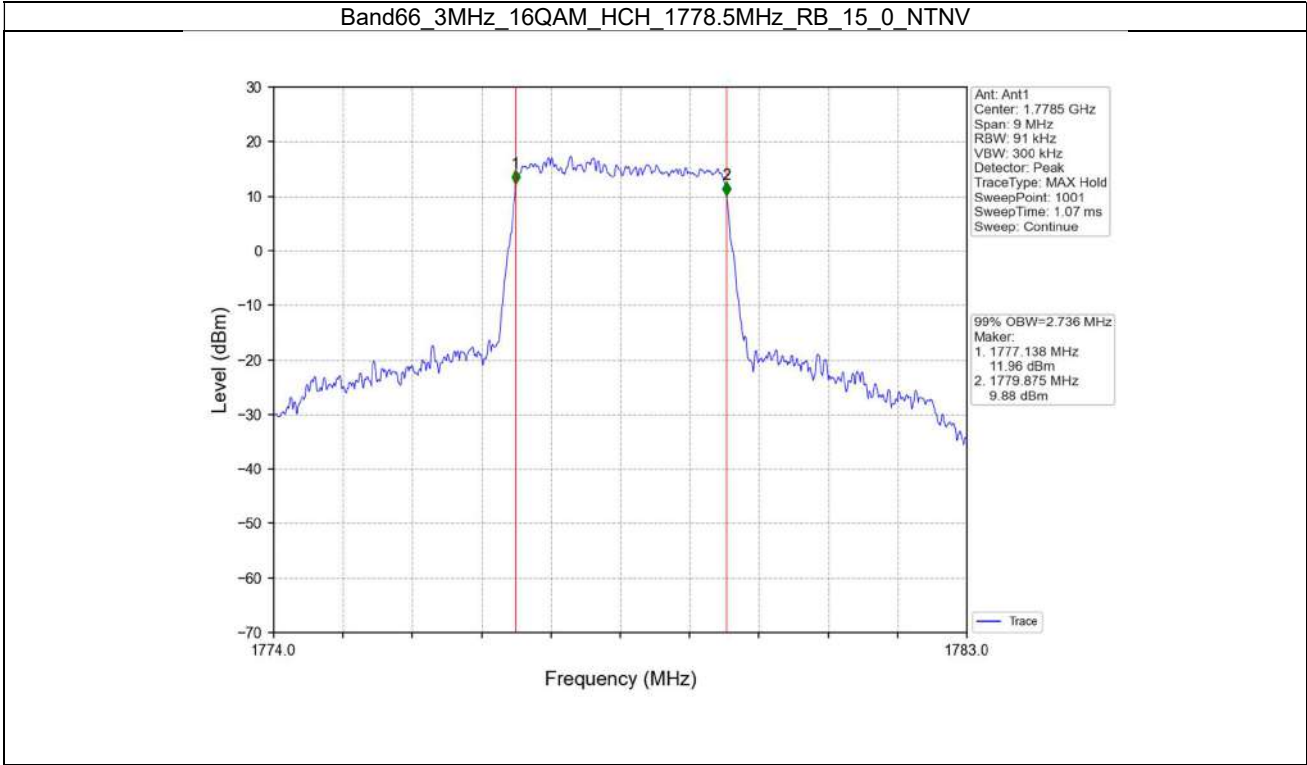
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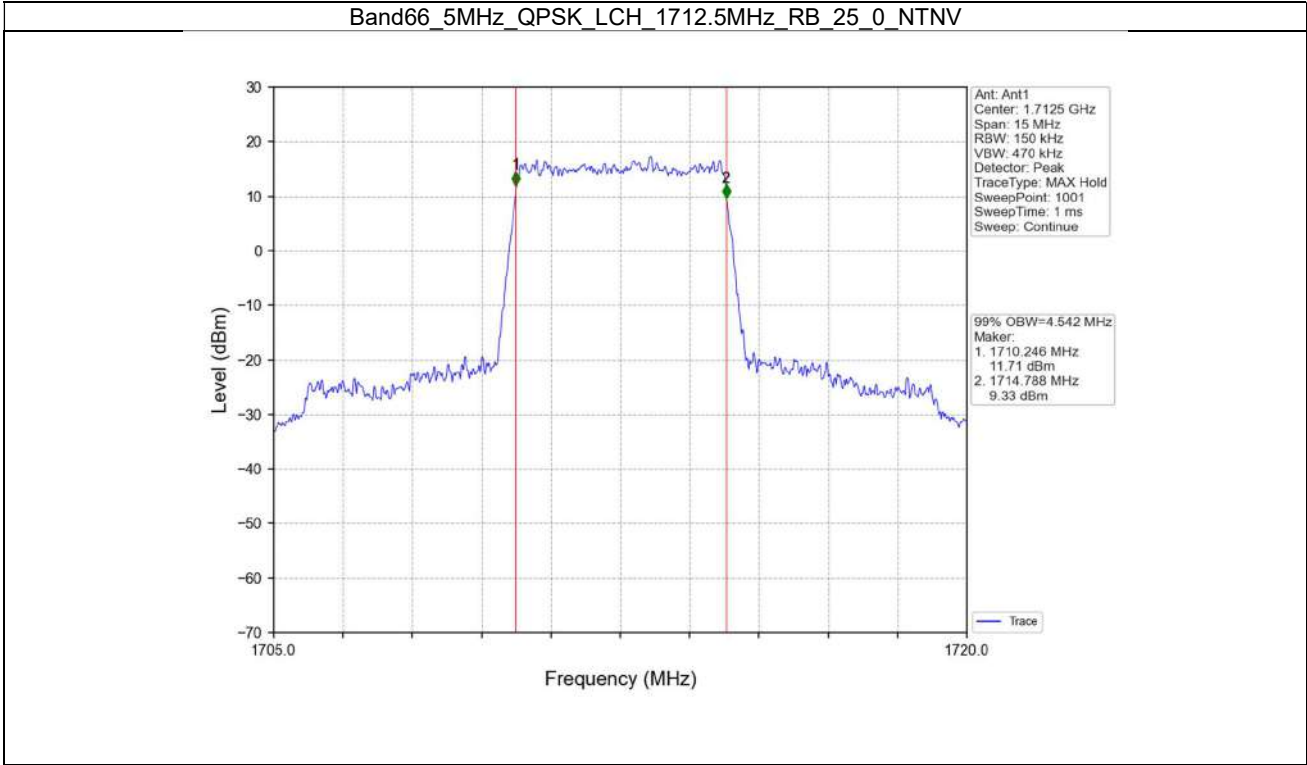
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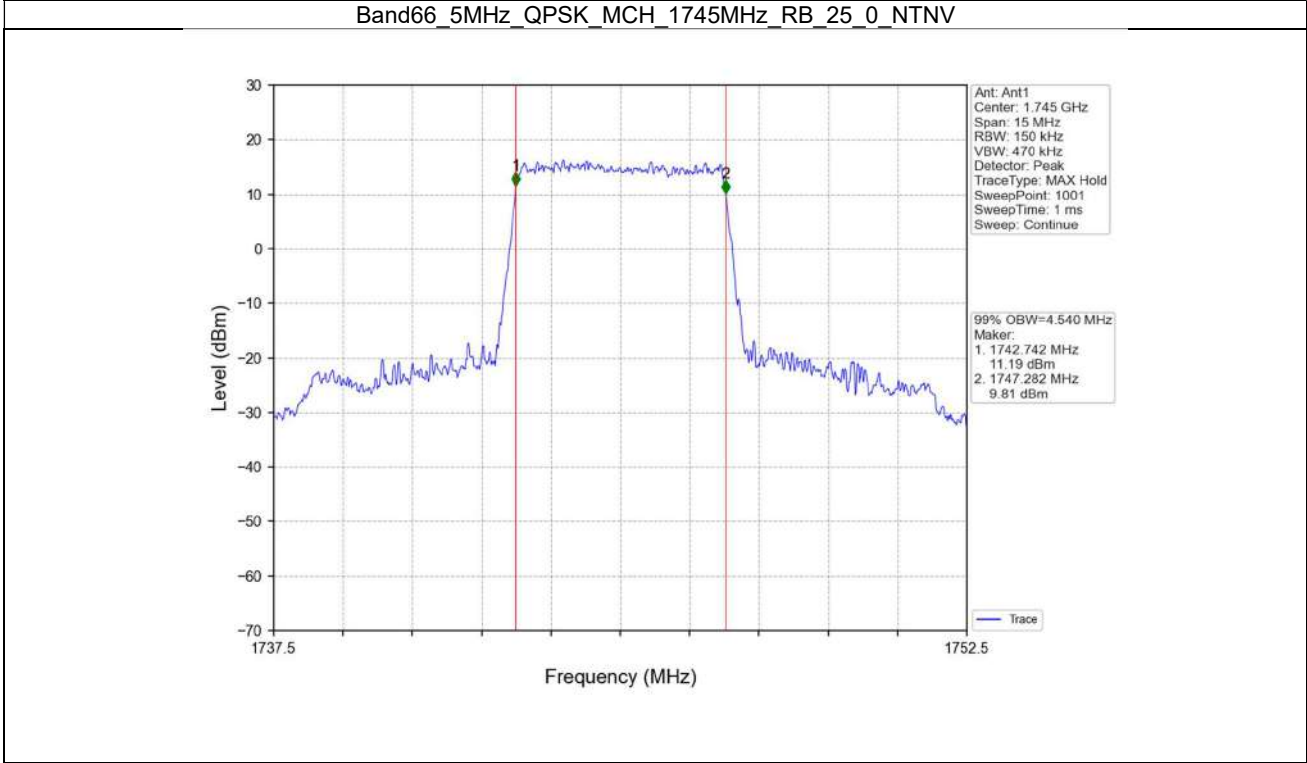


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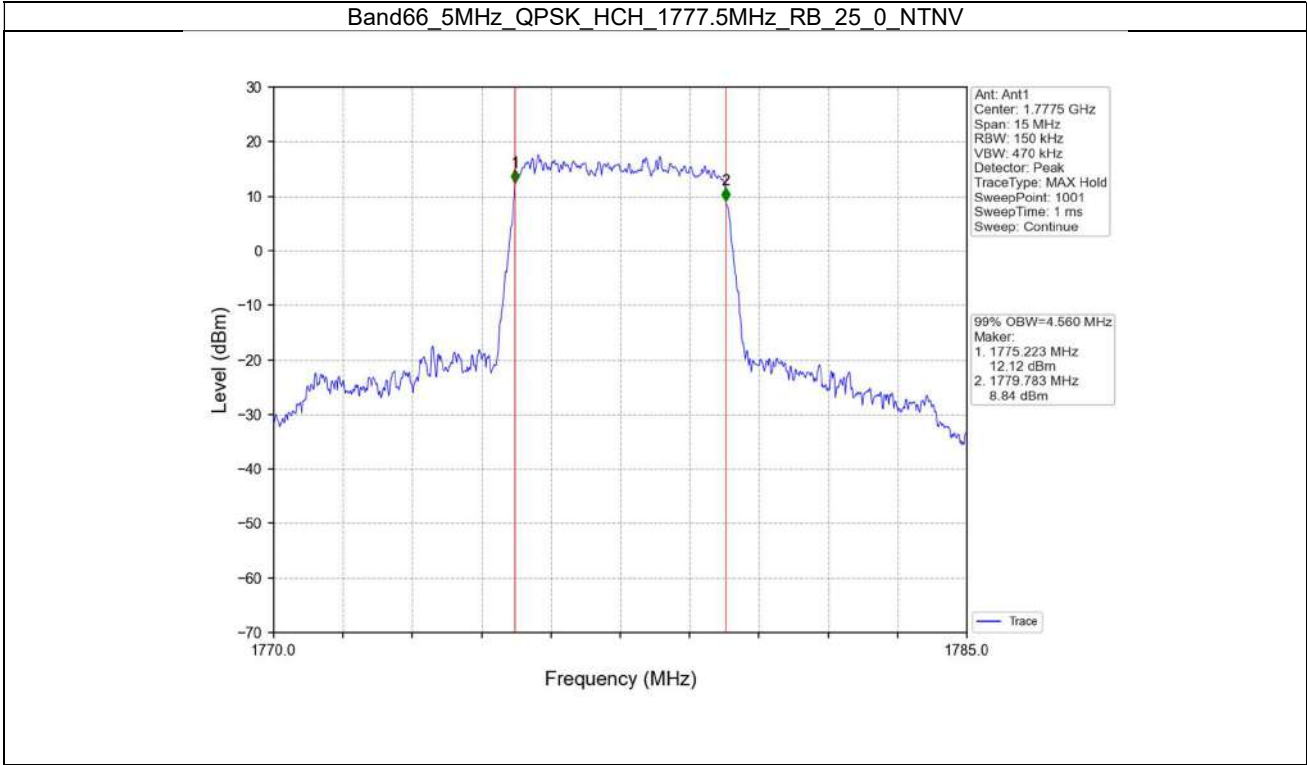
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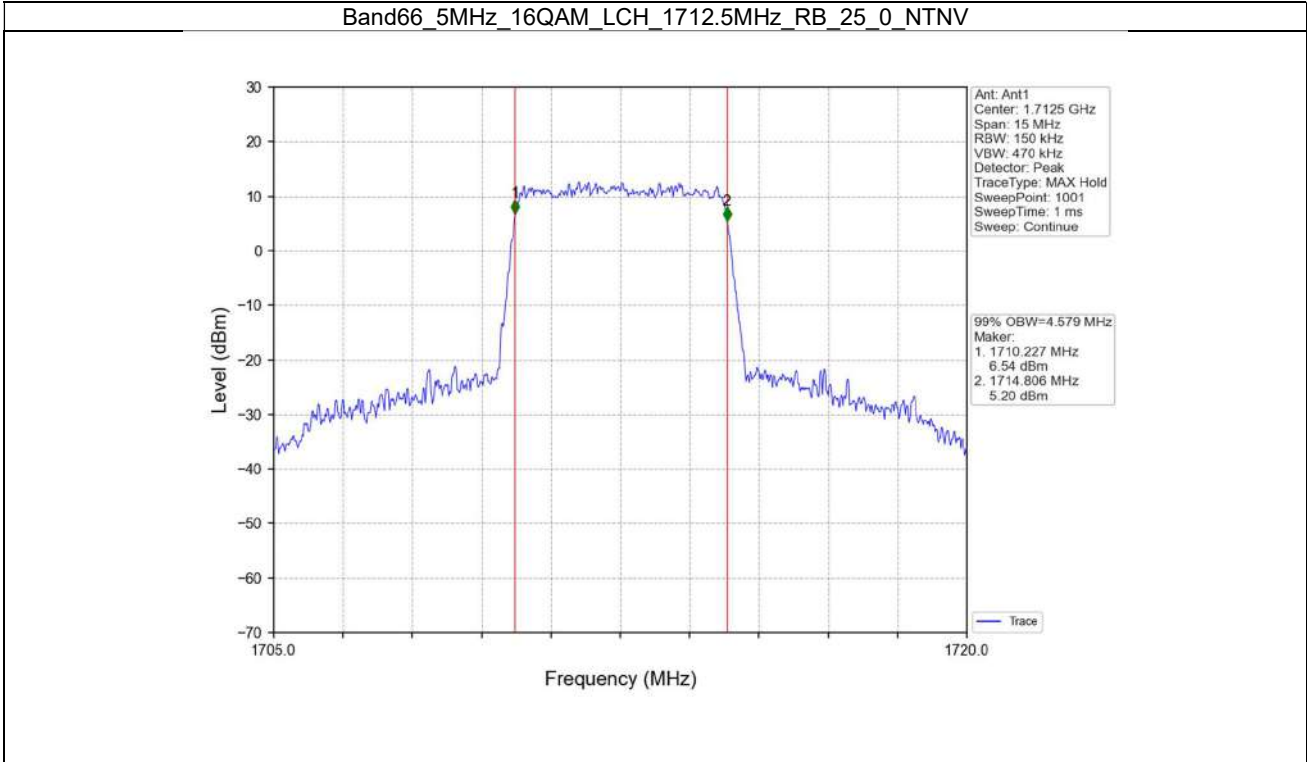
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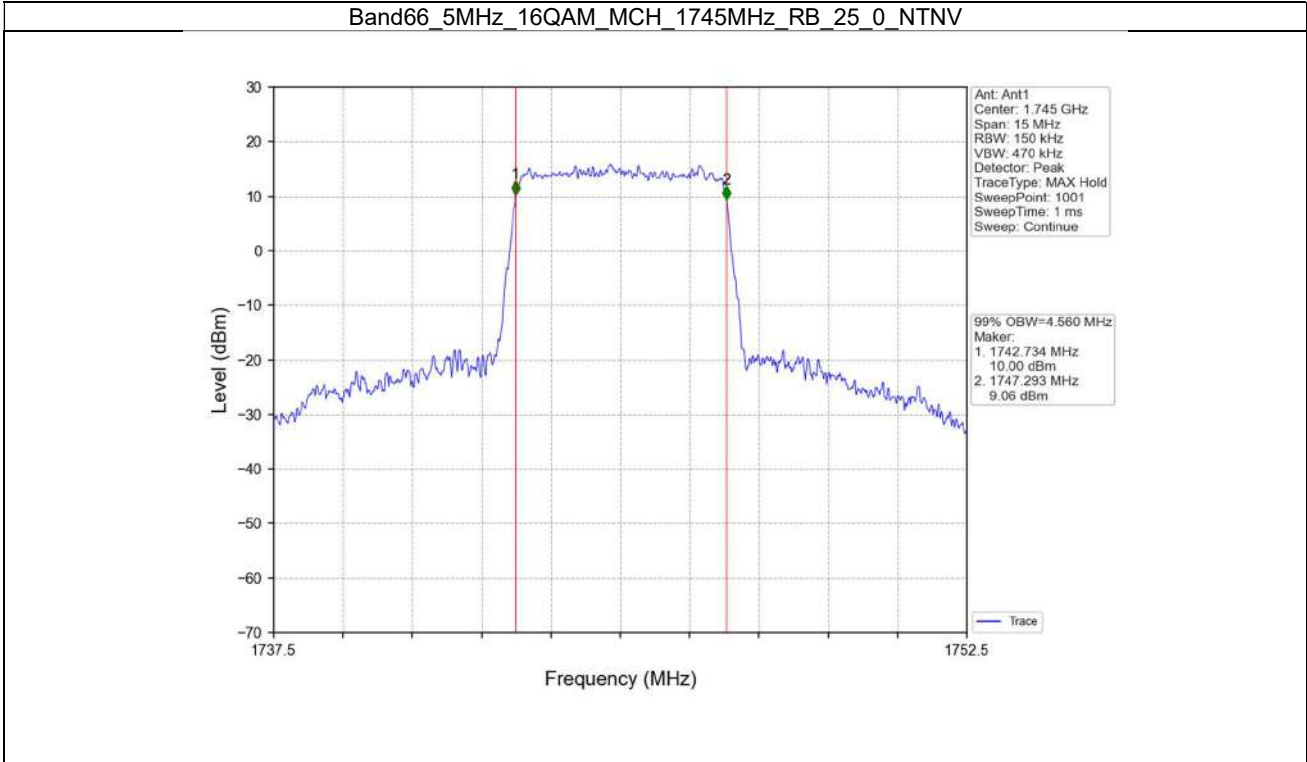
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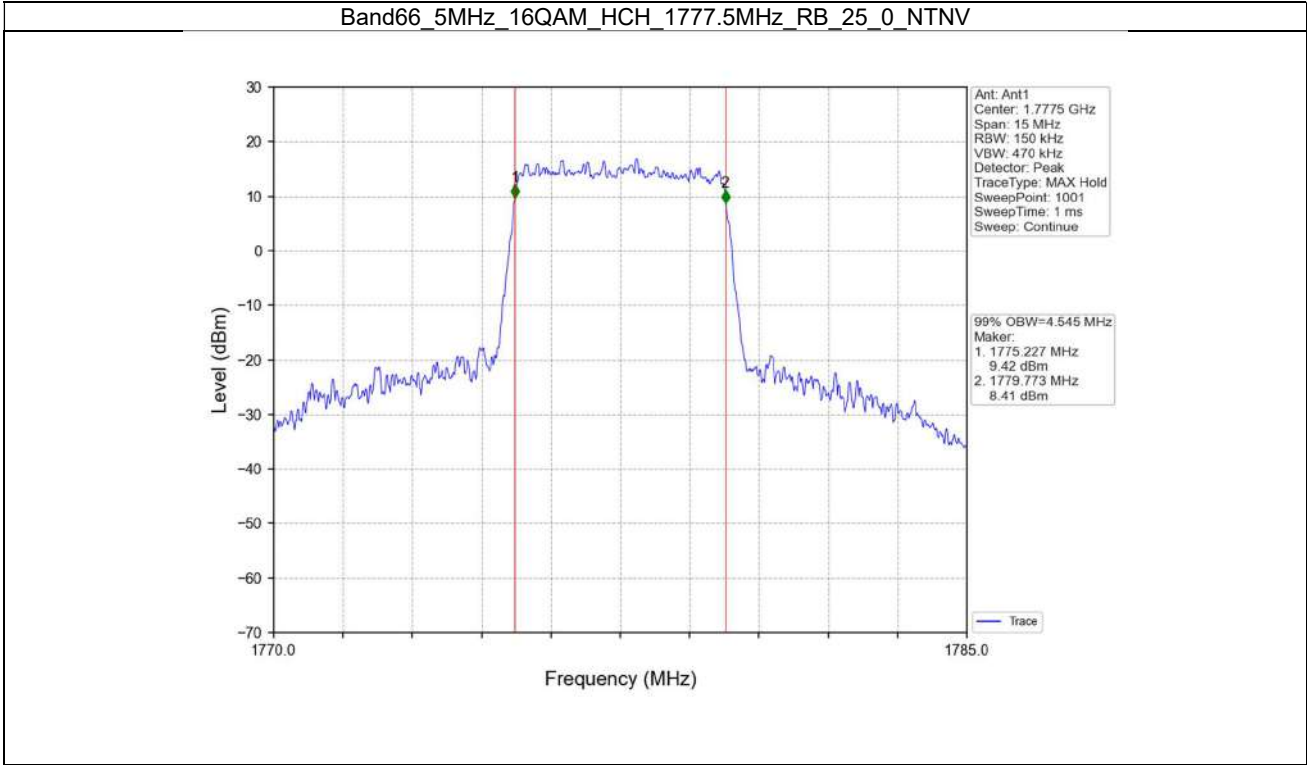
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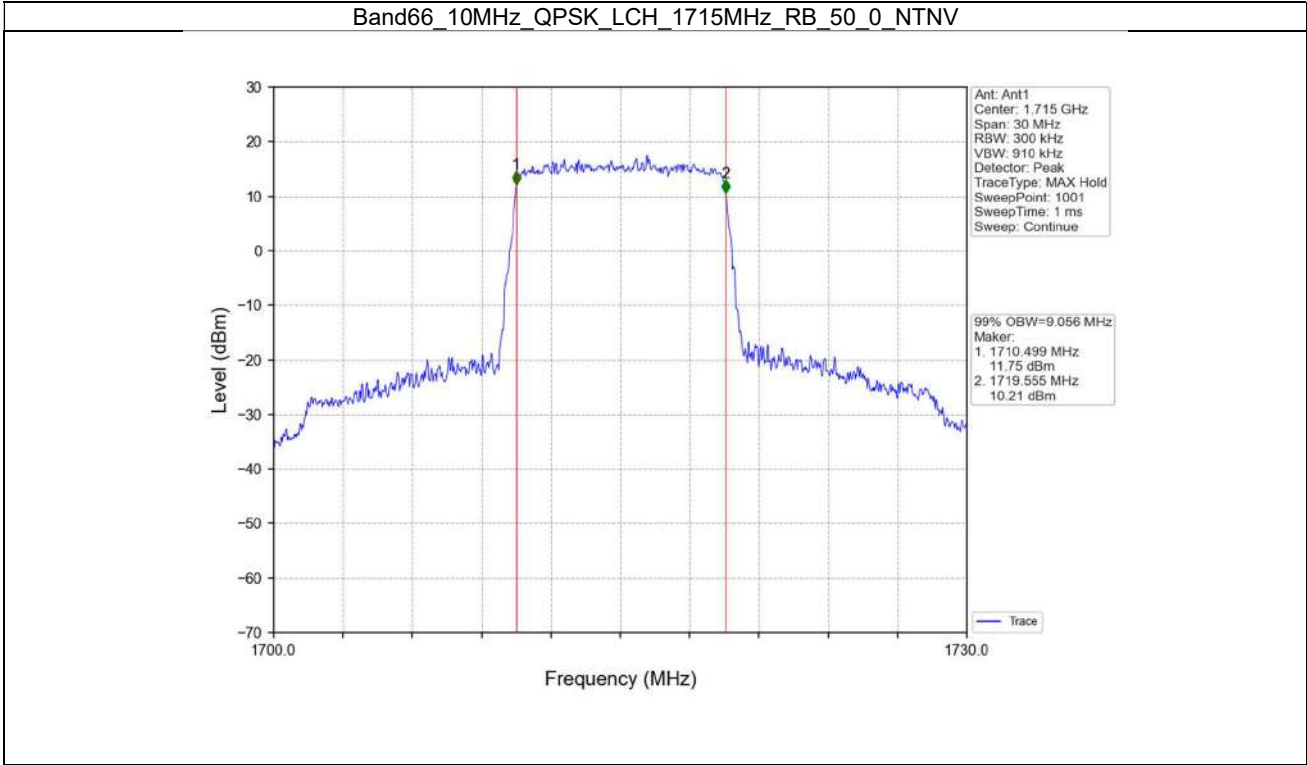
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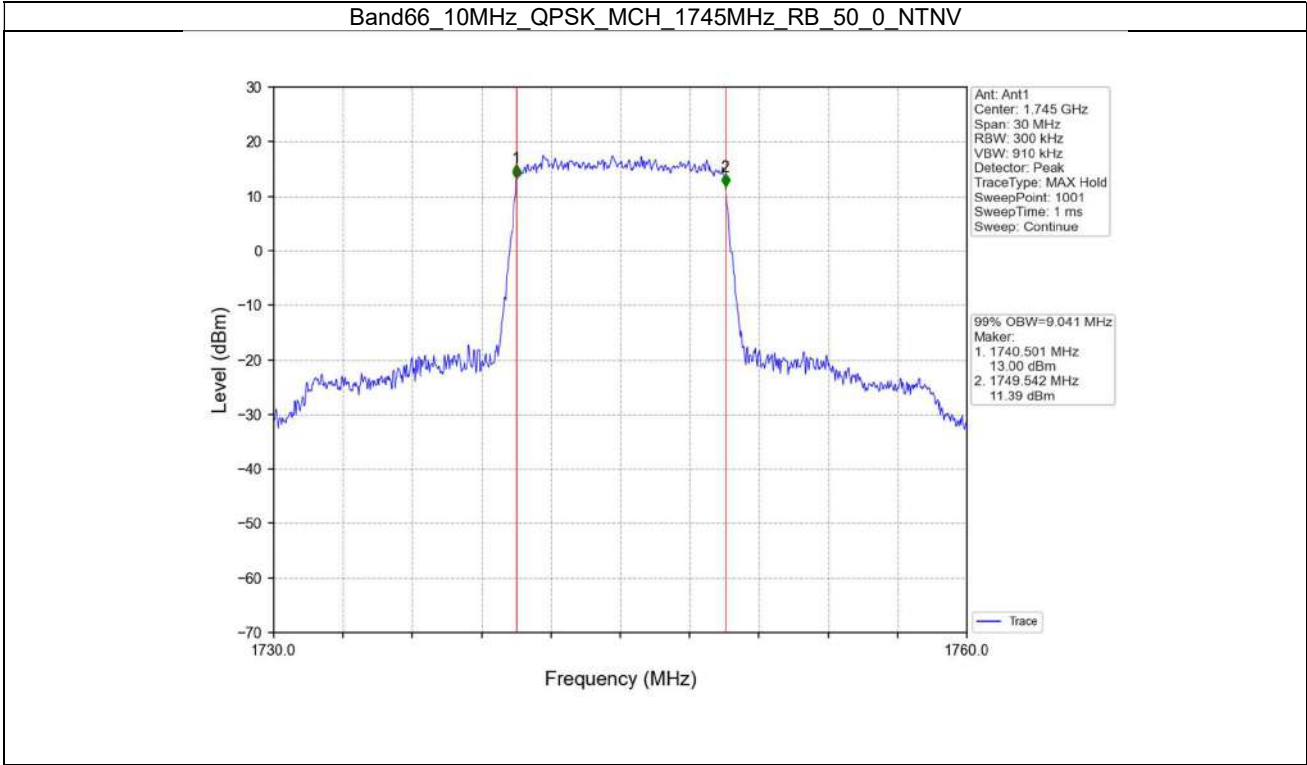
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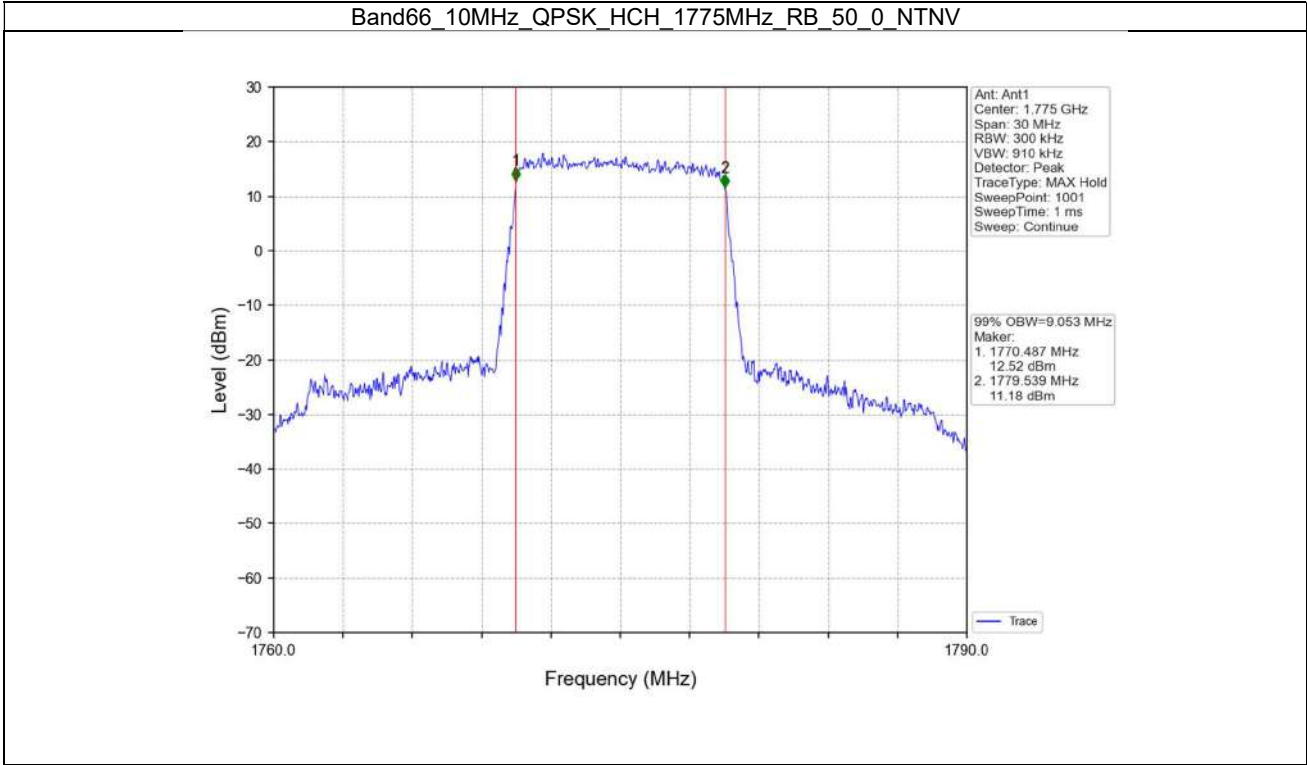
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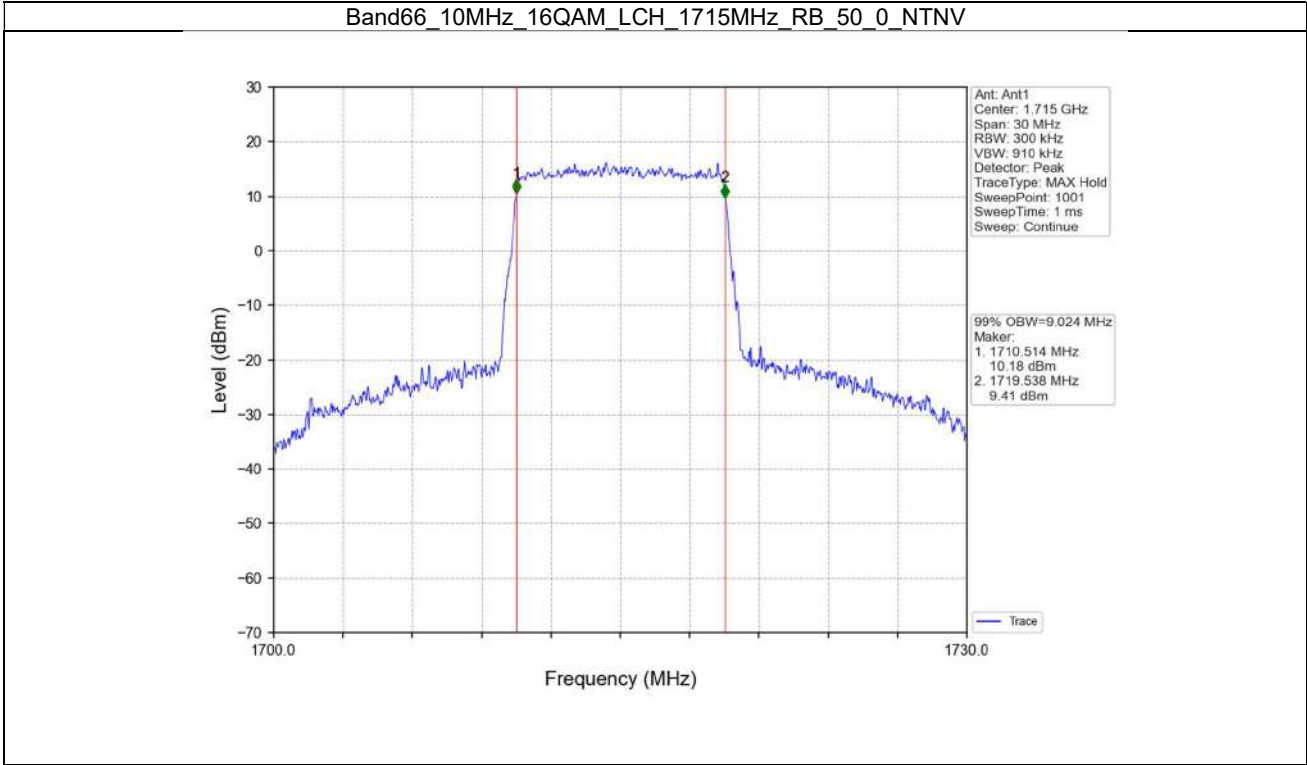
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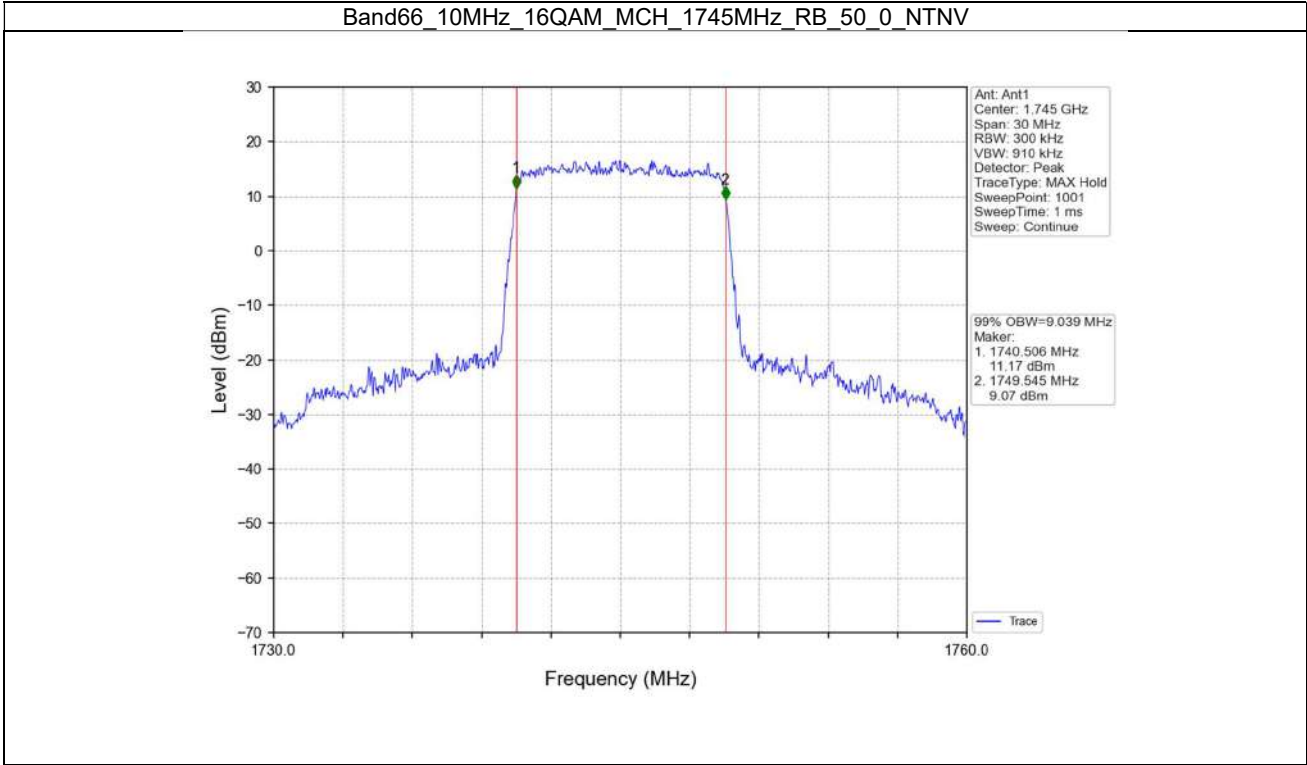
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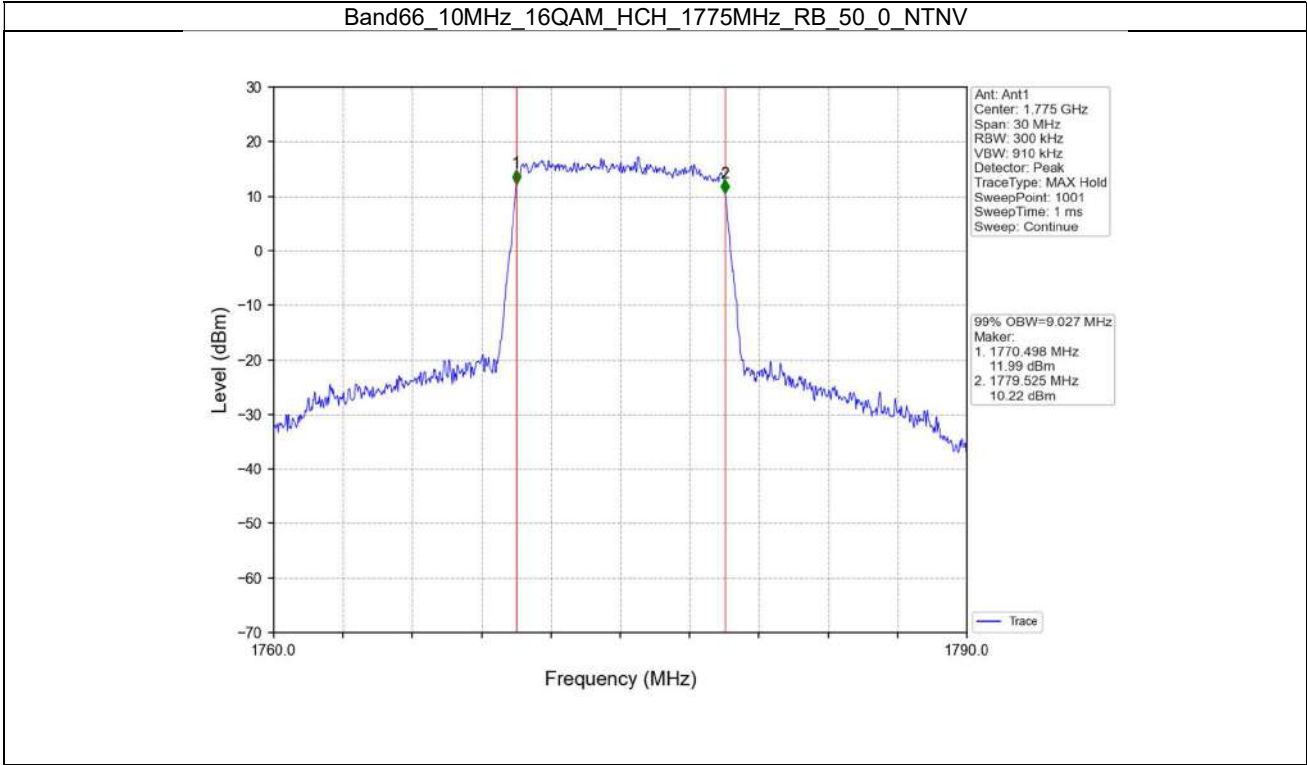
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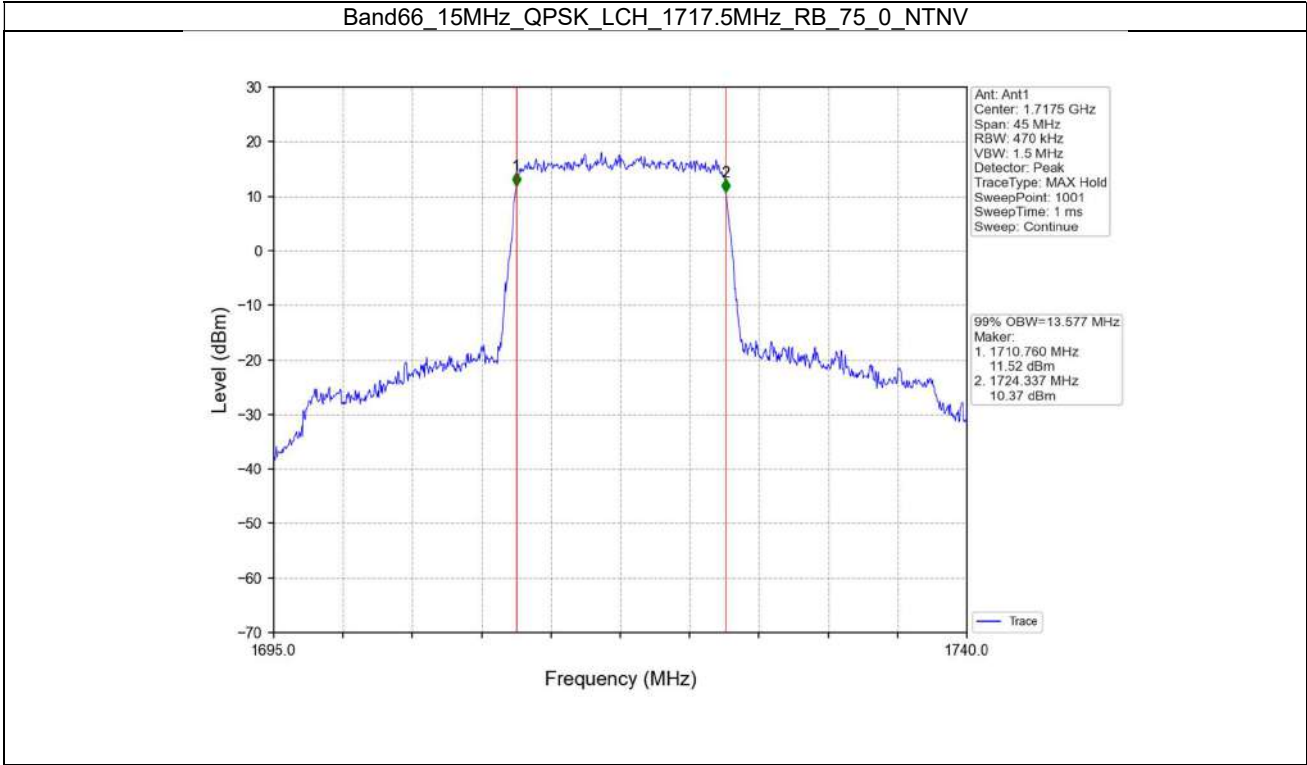
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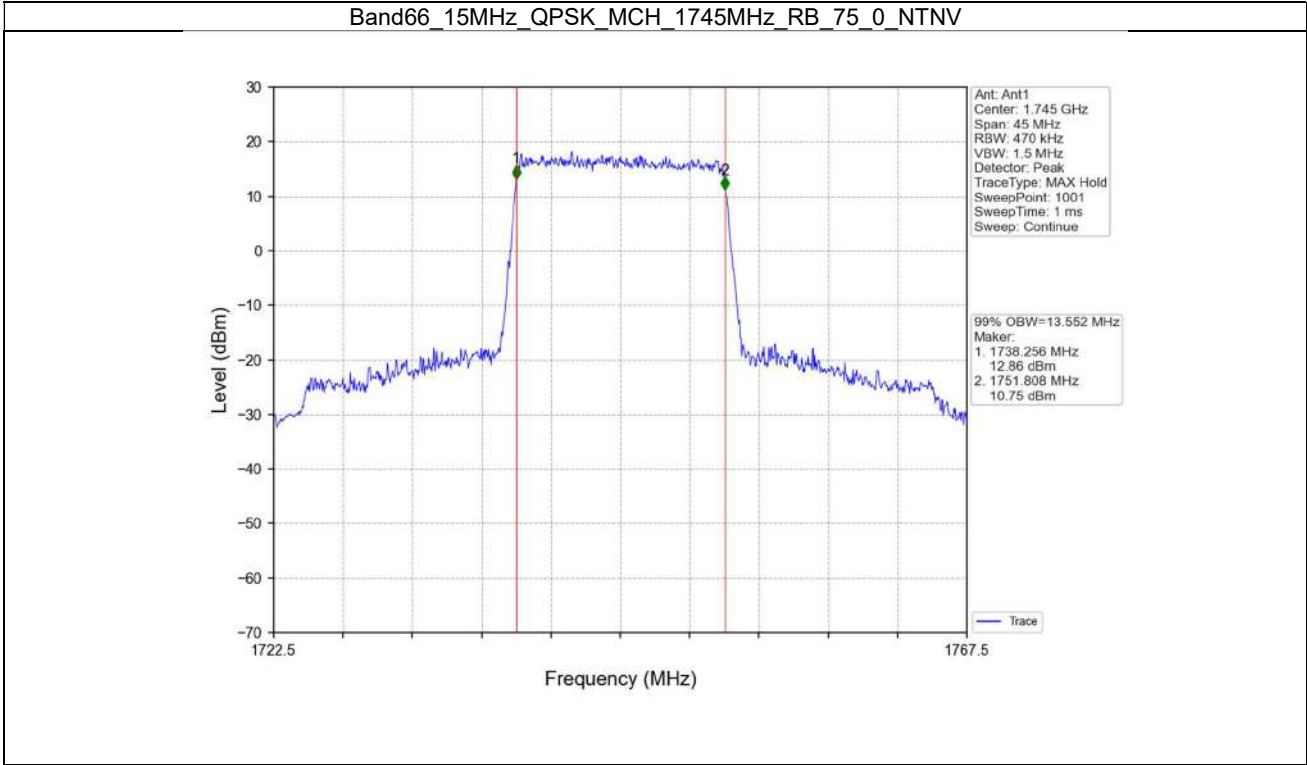
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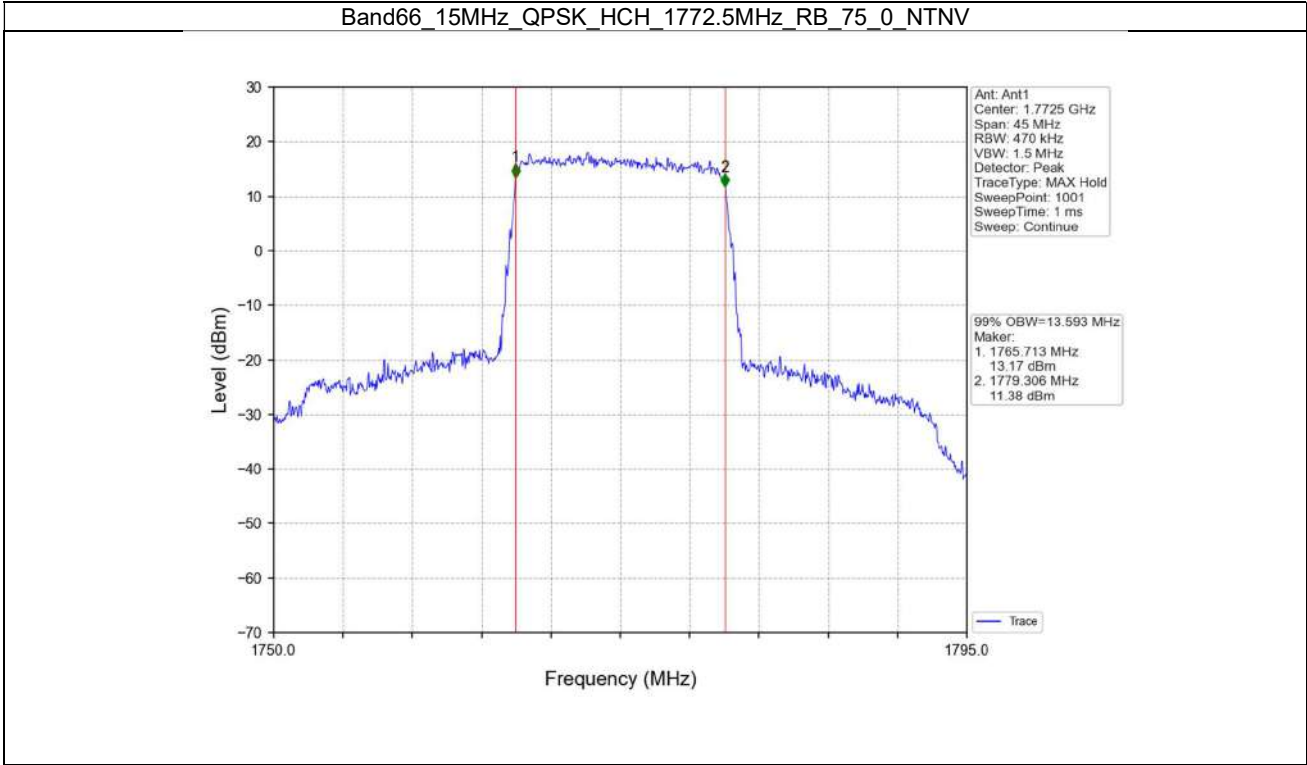
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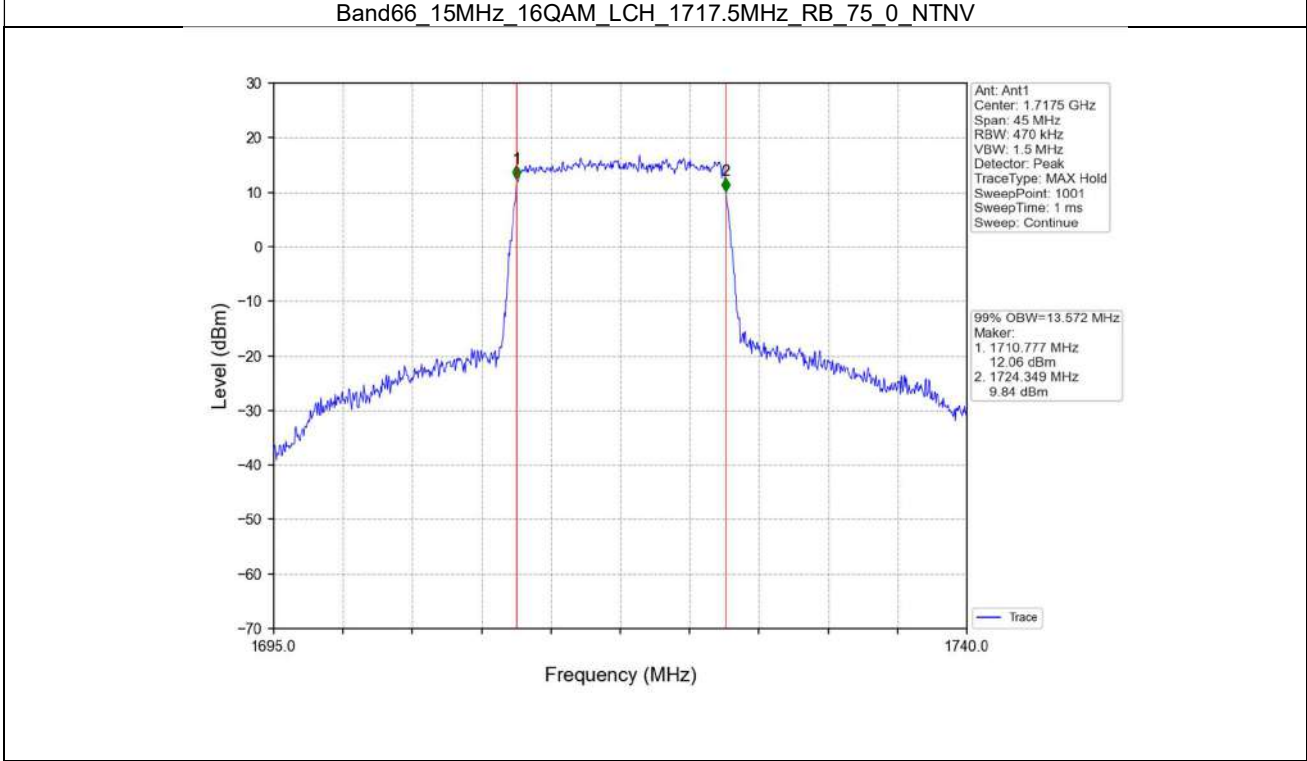
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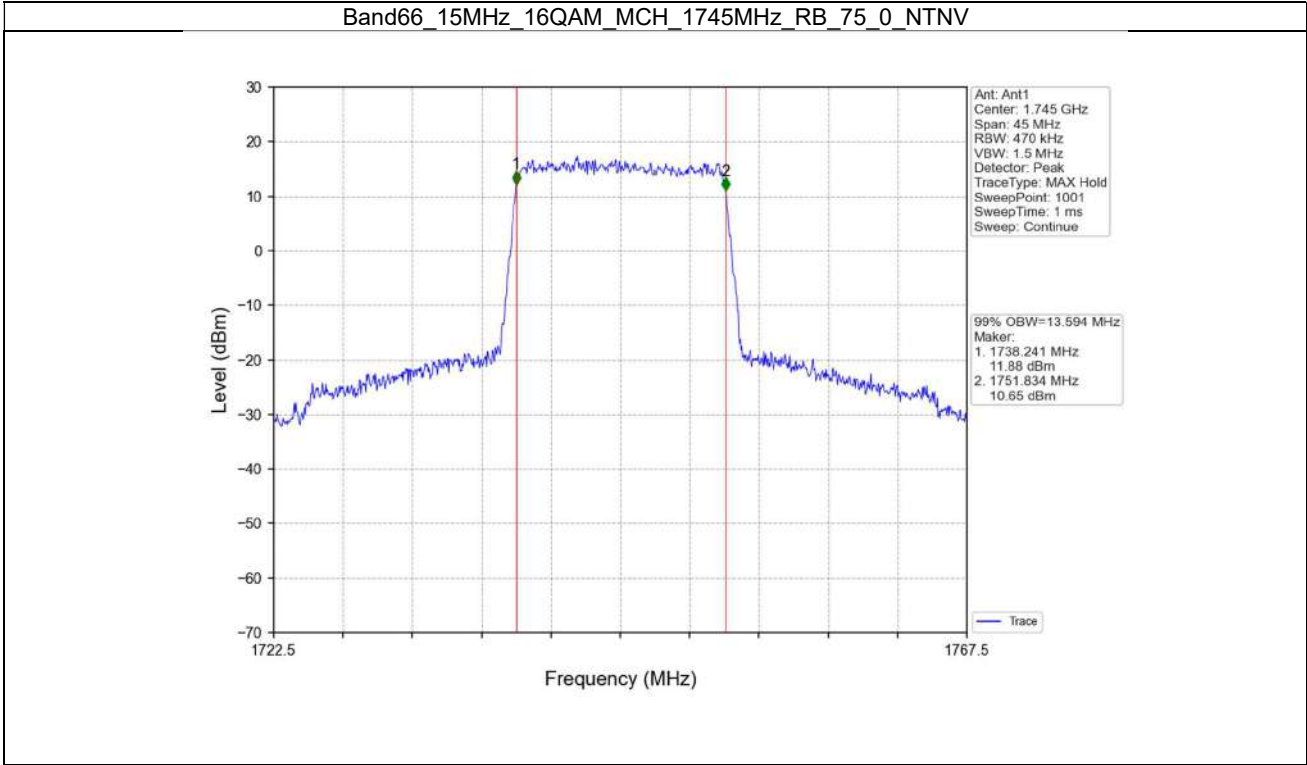
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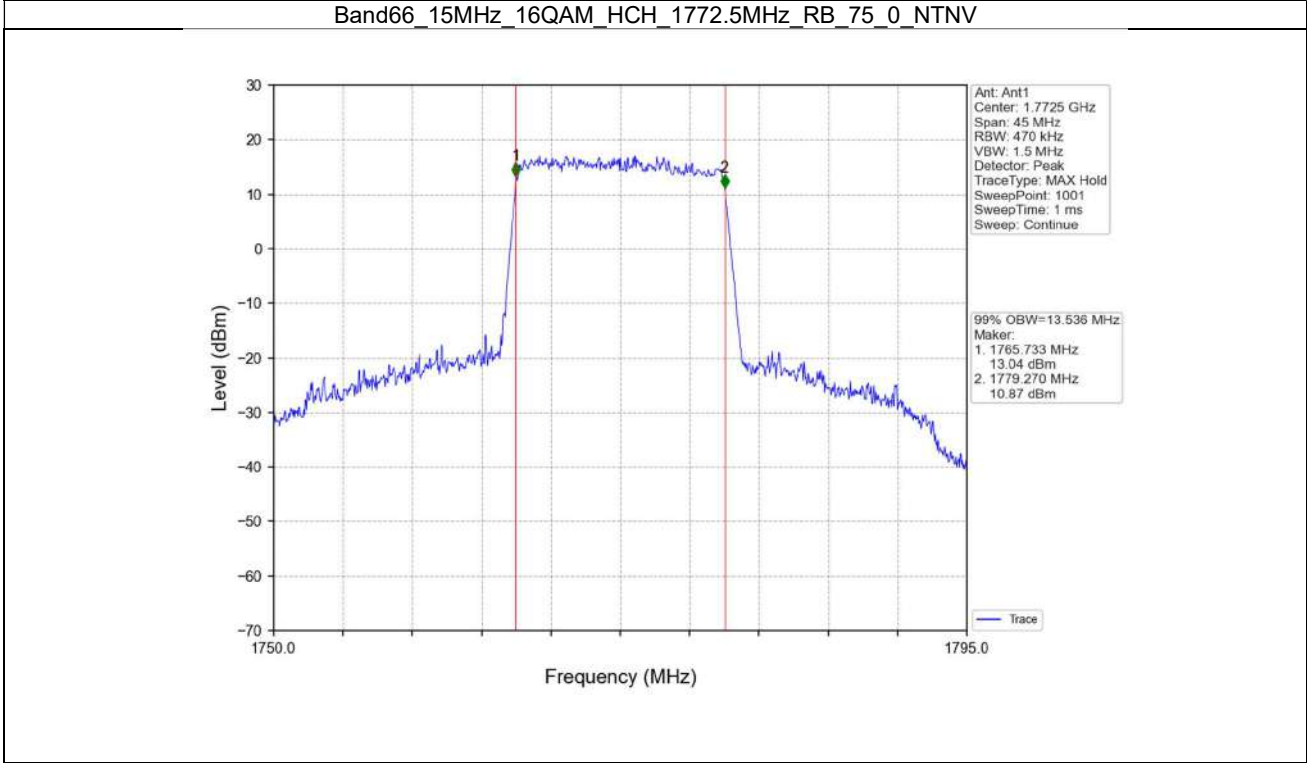


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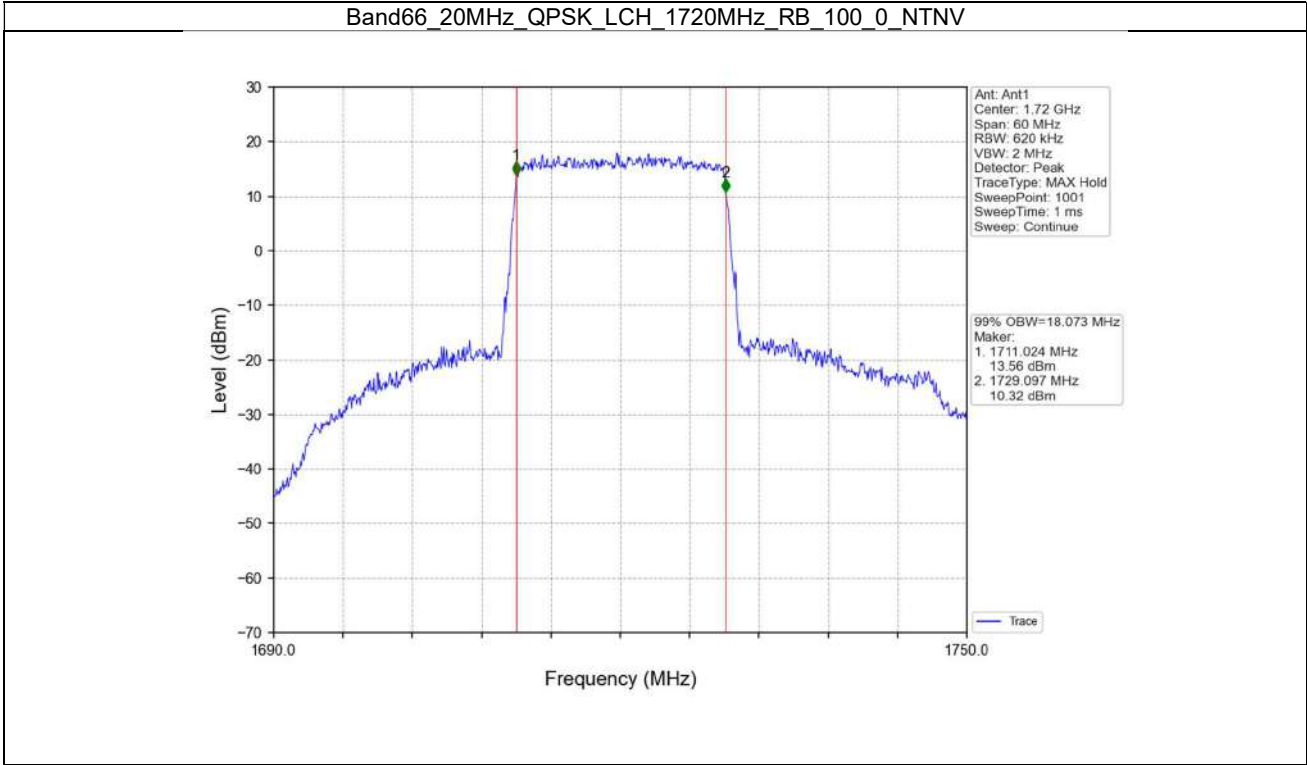
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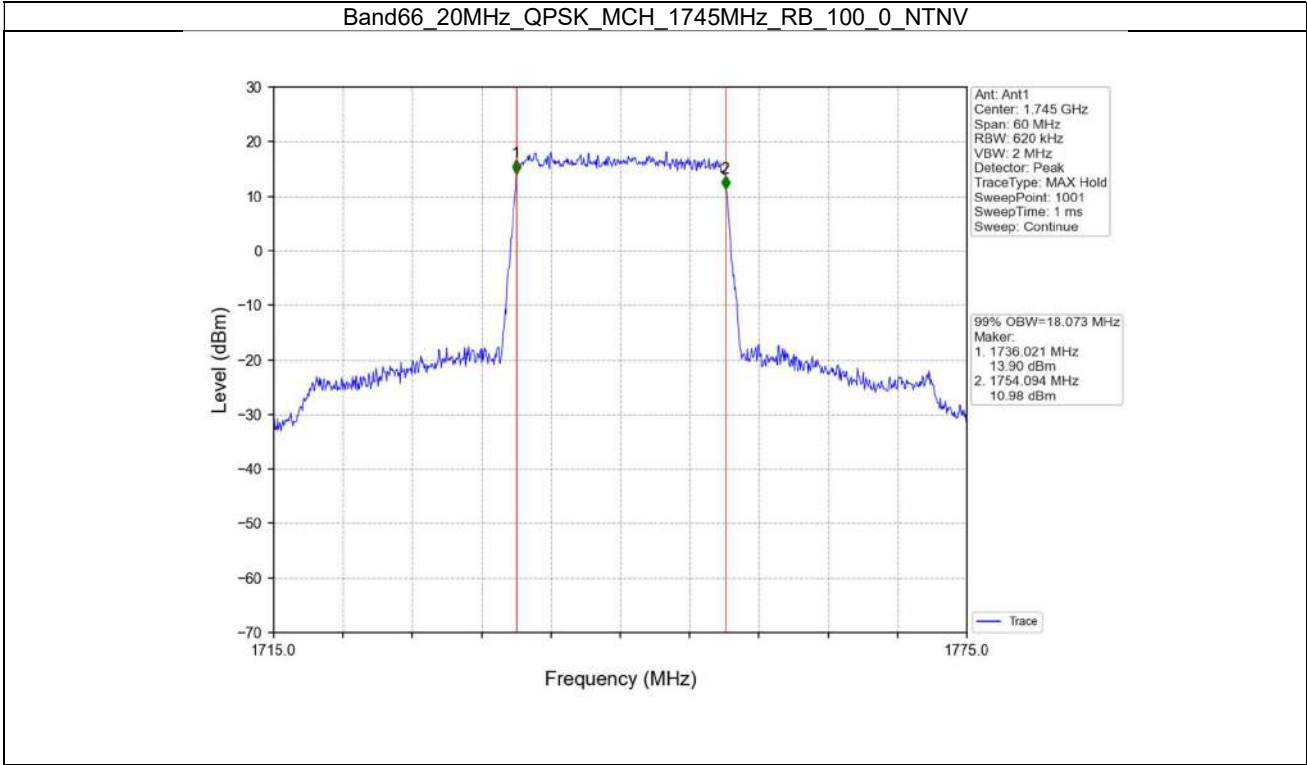
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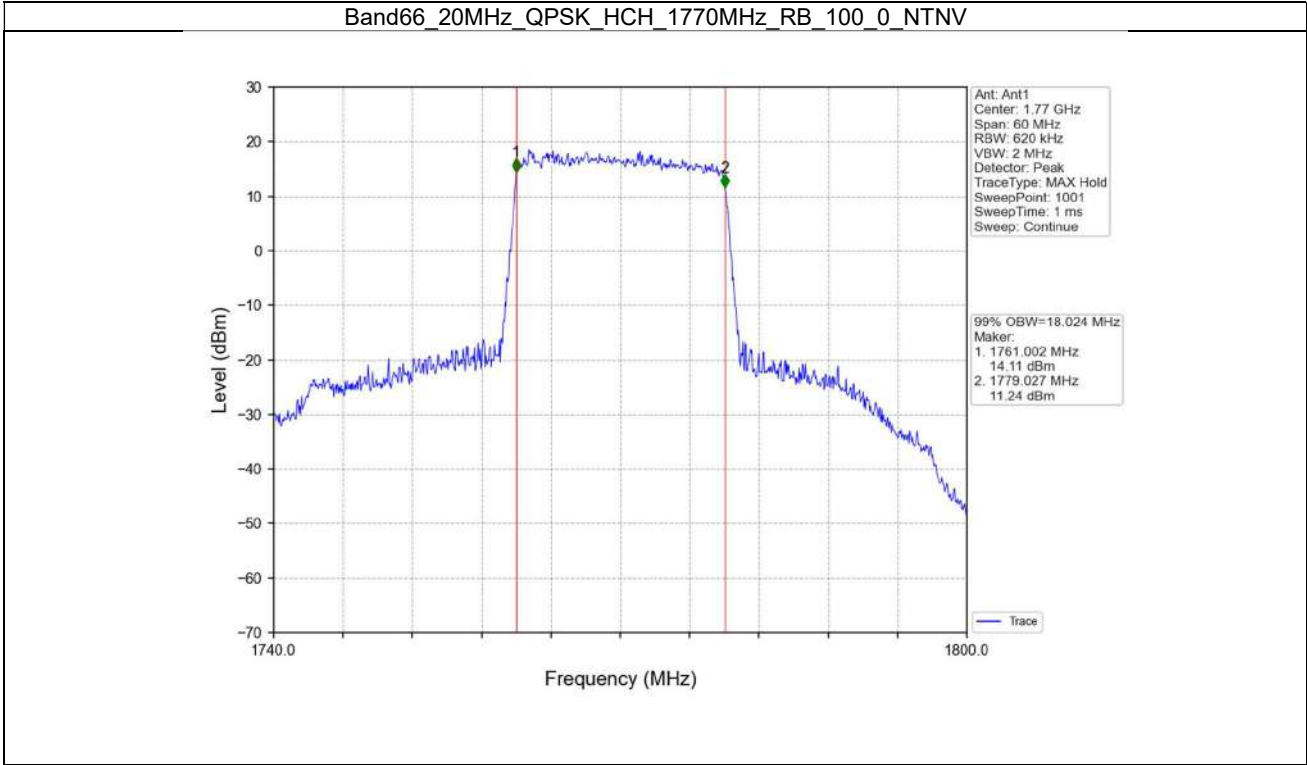
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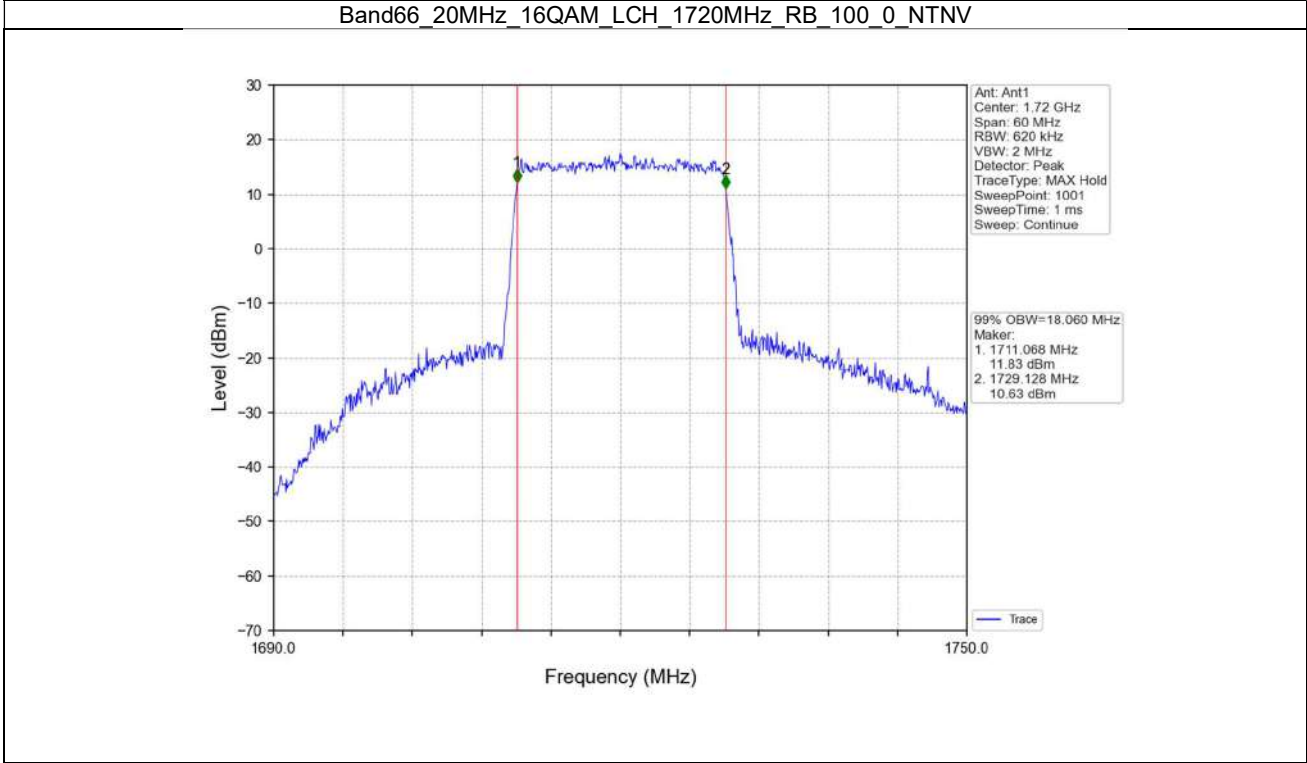


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Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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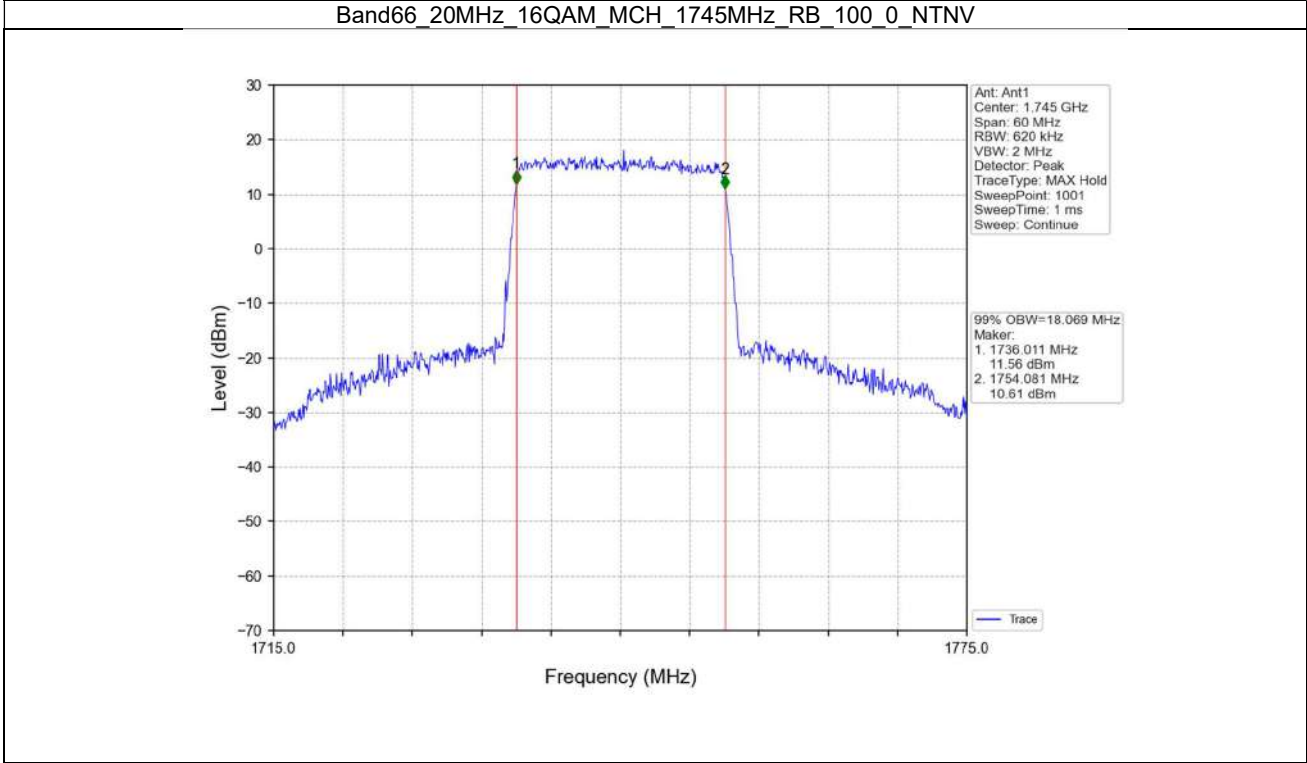
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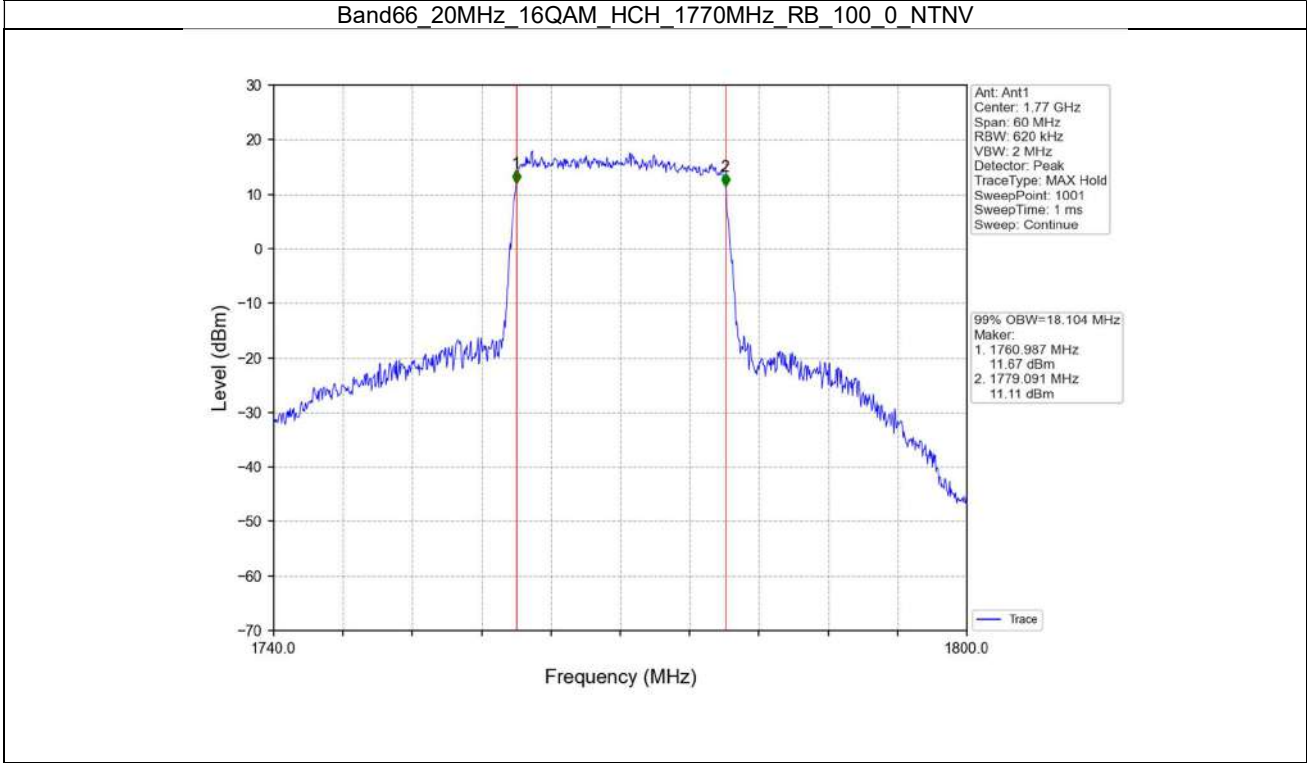


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4.2 Band66_XDB

4.2.1 Test Result

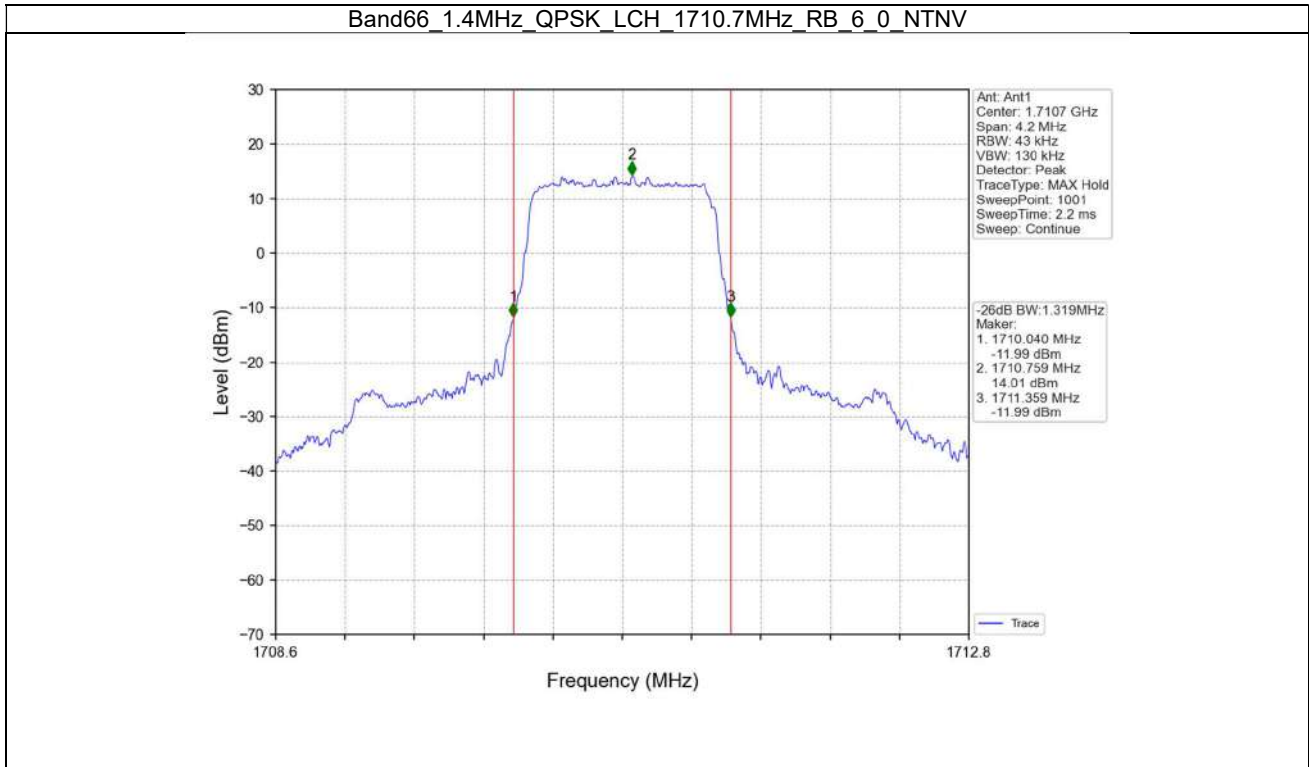
Band: 66 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.319	Pass
		1745	6	0	1.324	Pass
		1779.3	6	0	1.319	Pass
	16QAM	1710.7	6	0	1.330	Pass
		1745	6	0	1.336	Pass
		1779.3	6	0	1.327	Pass
3	QPSK	1711.5	15	0	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



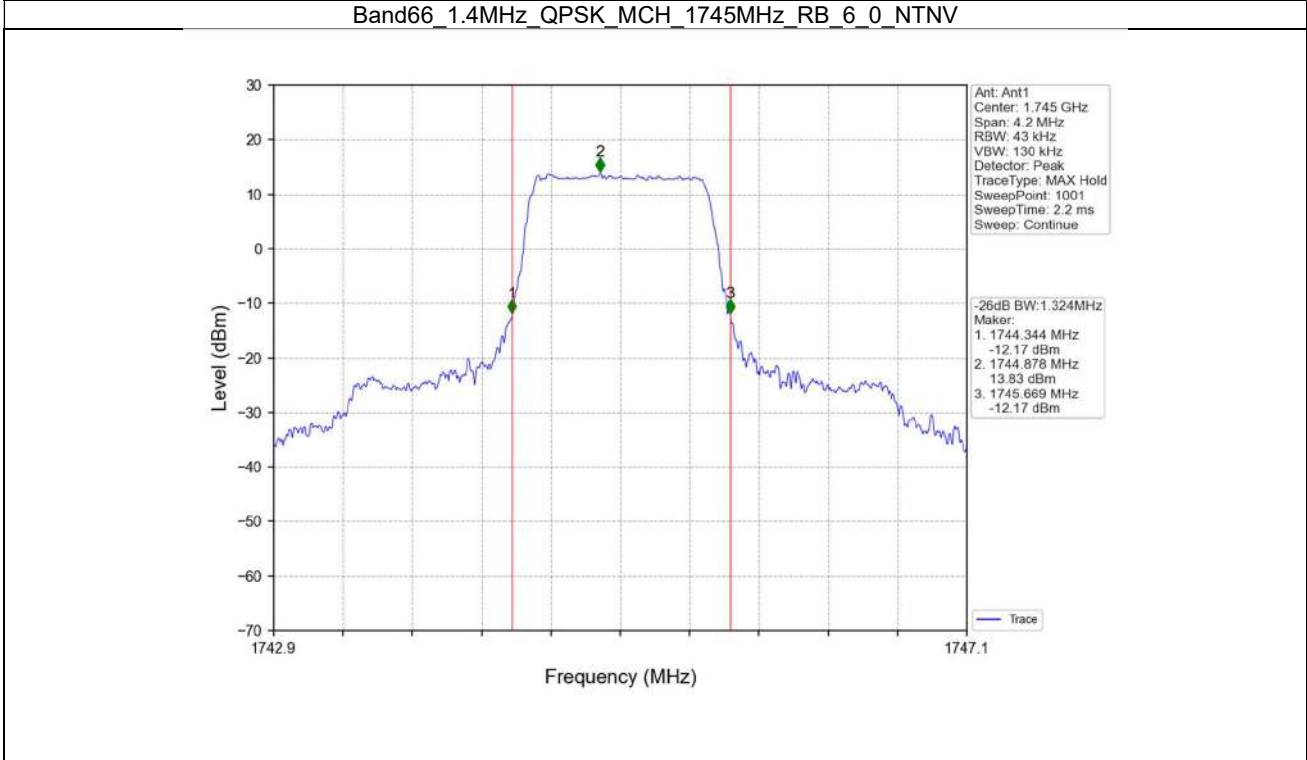
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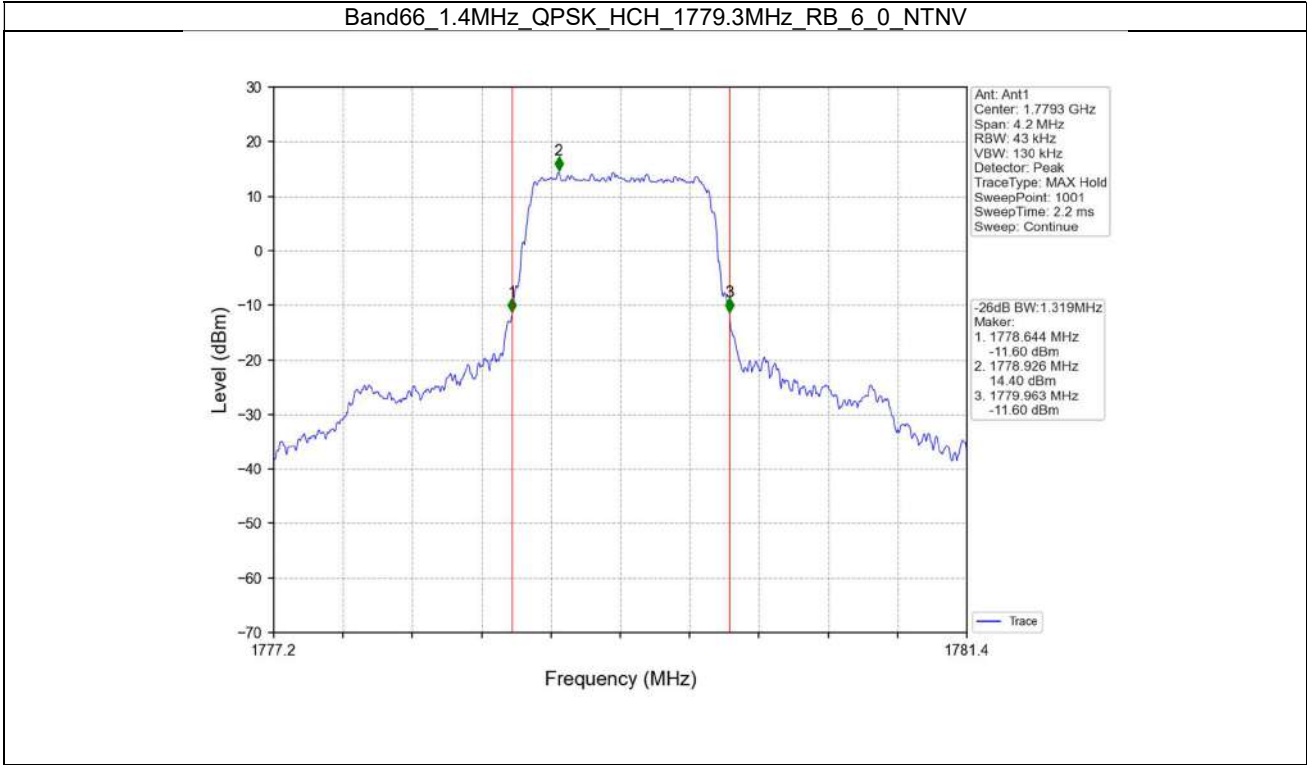
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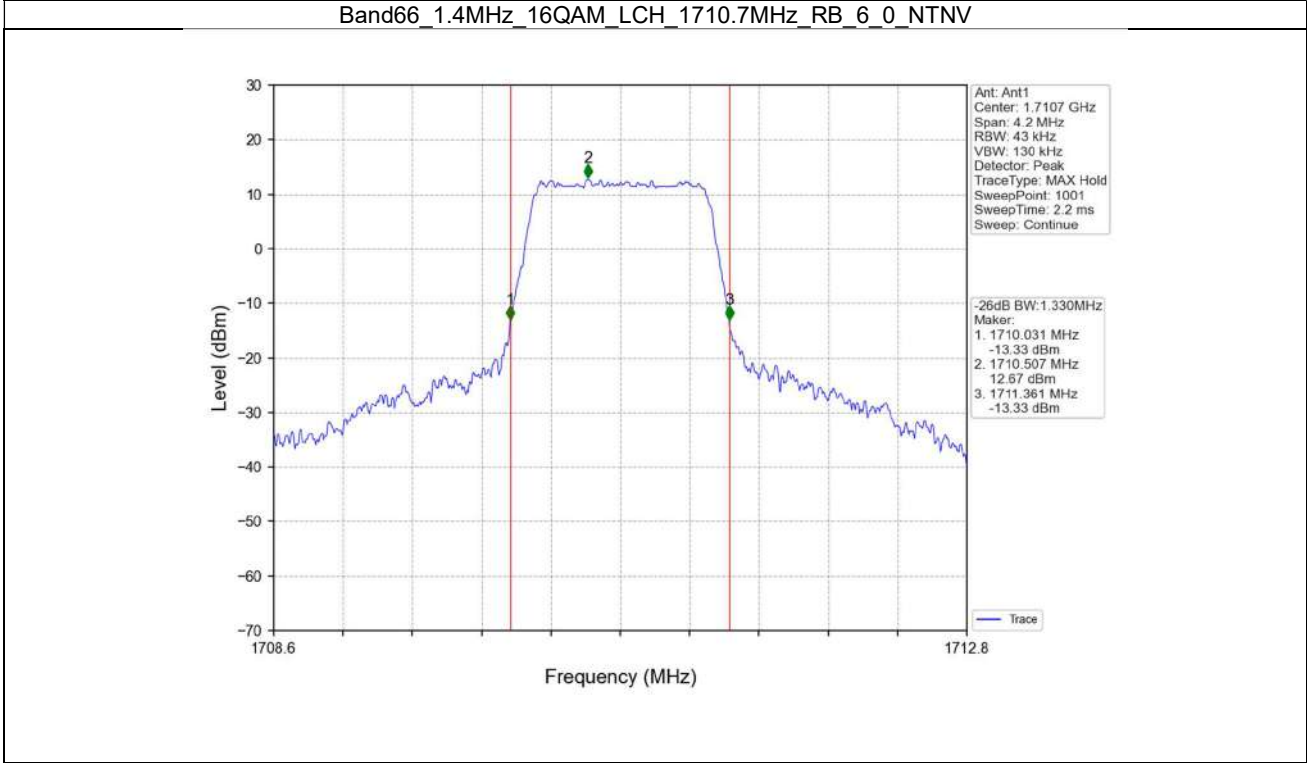


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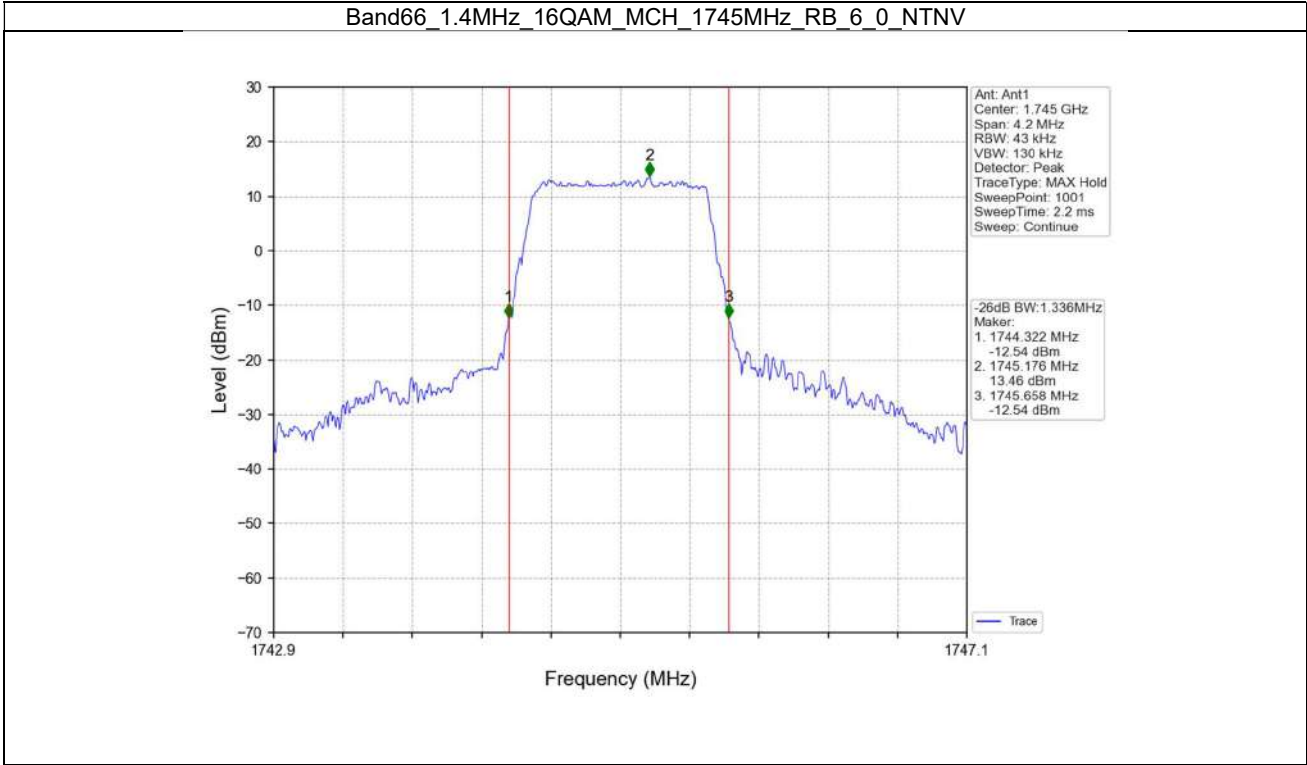
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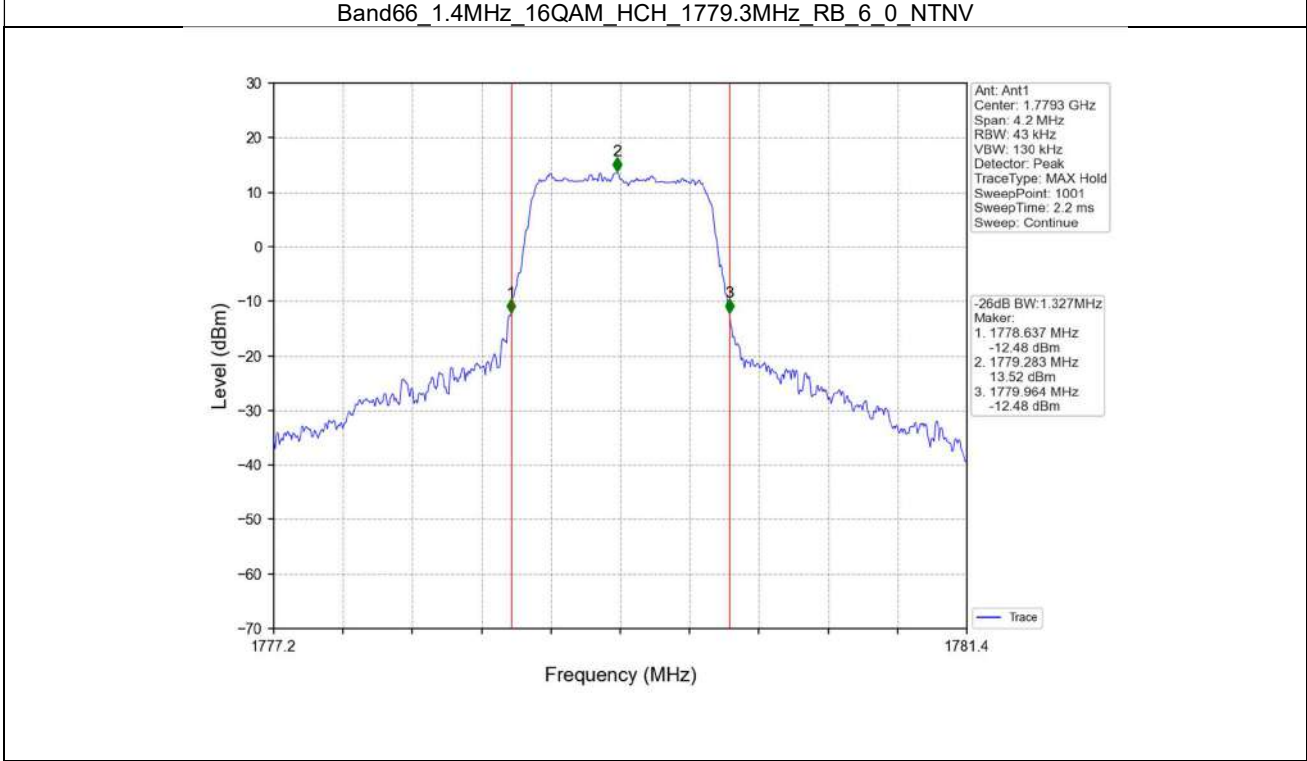


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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

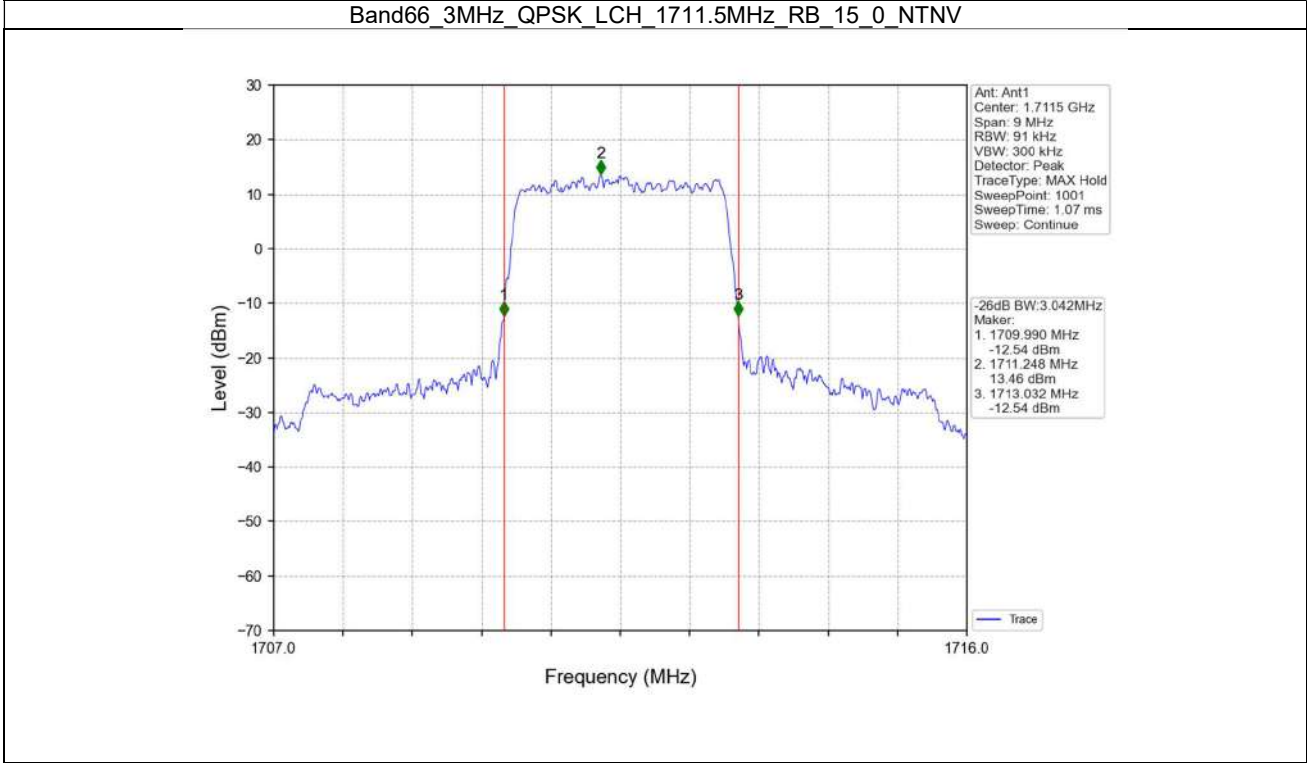


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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

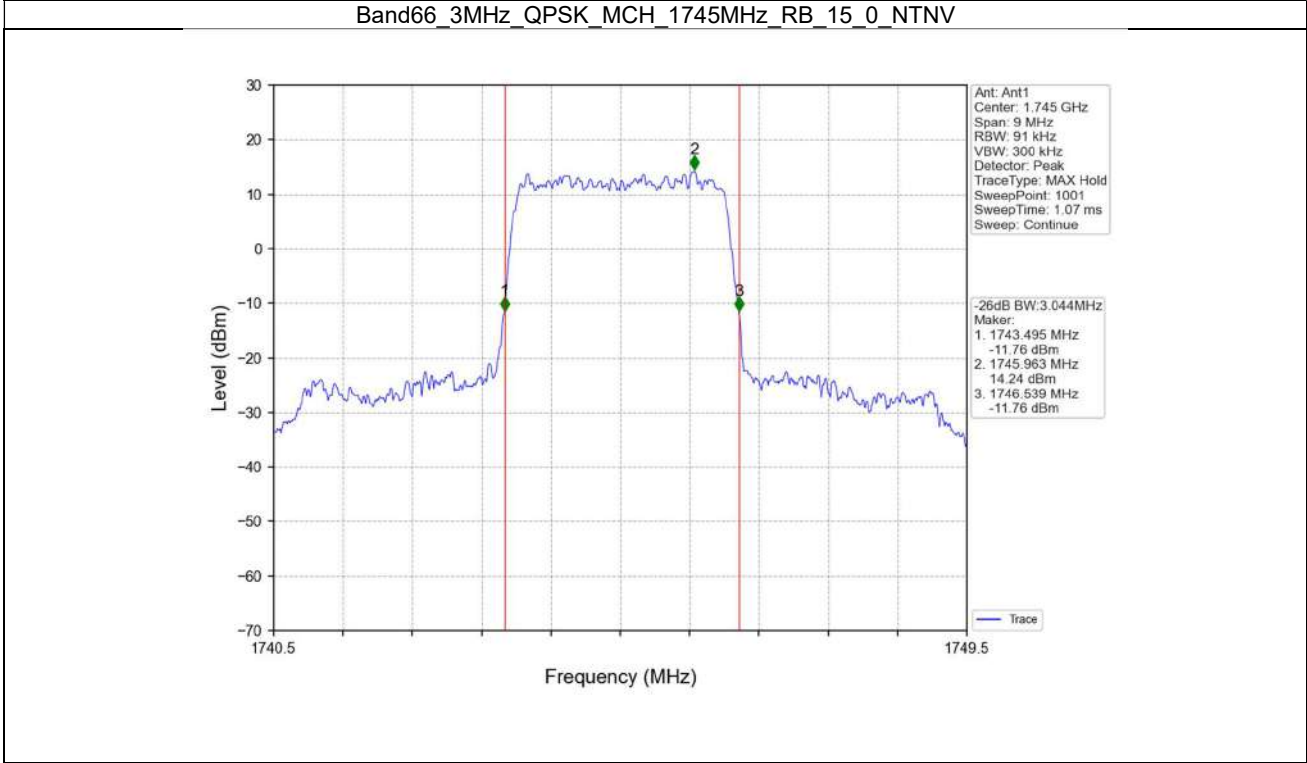


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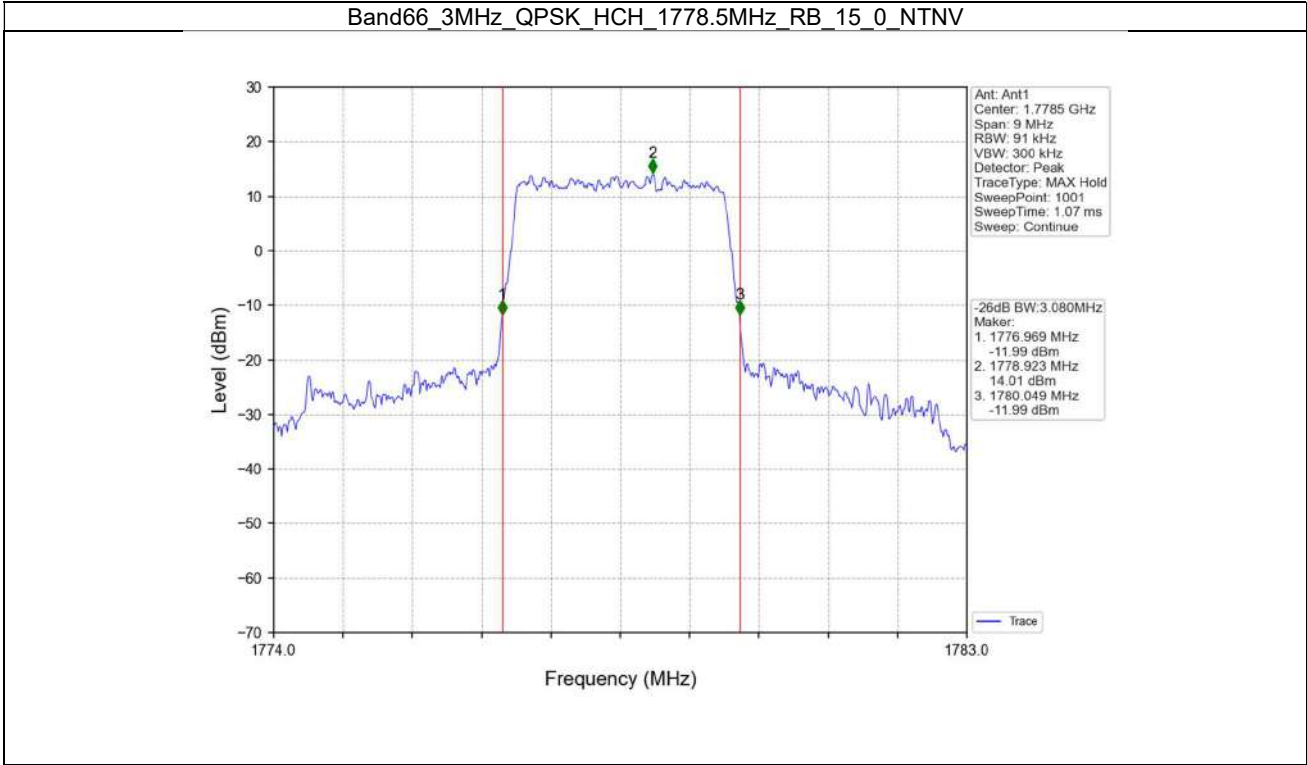
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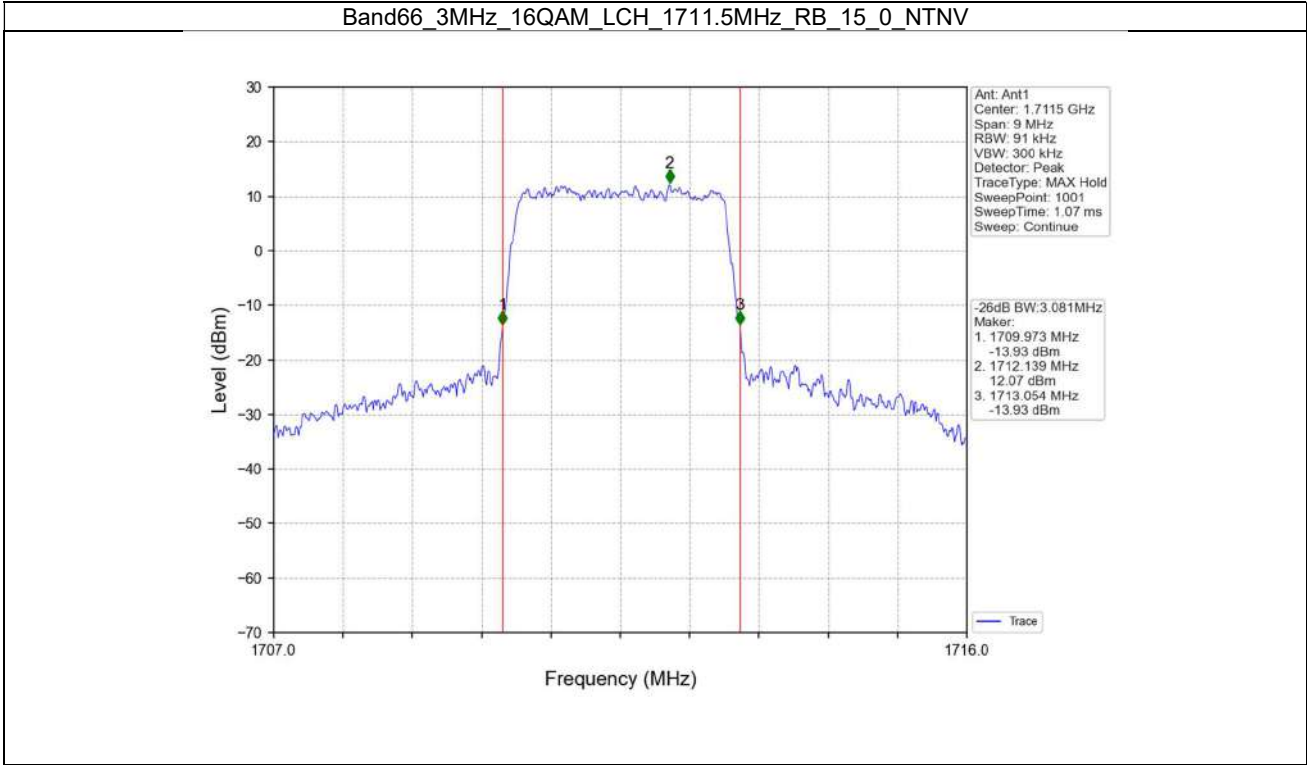
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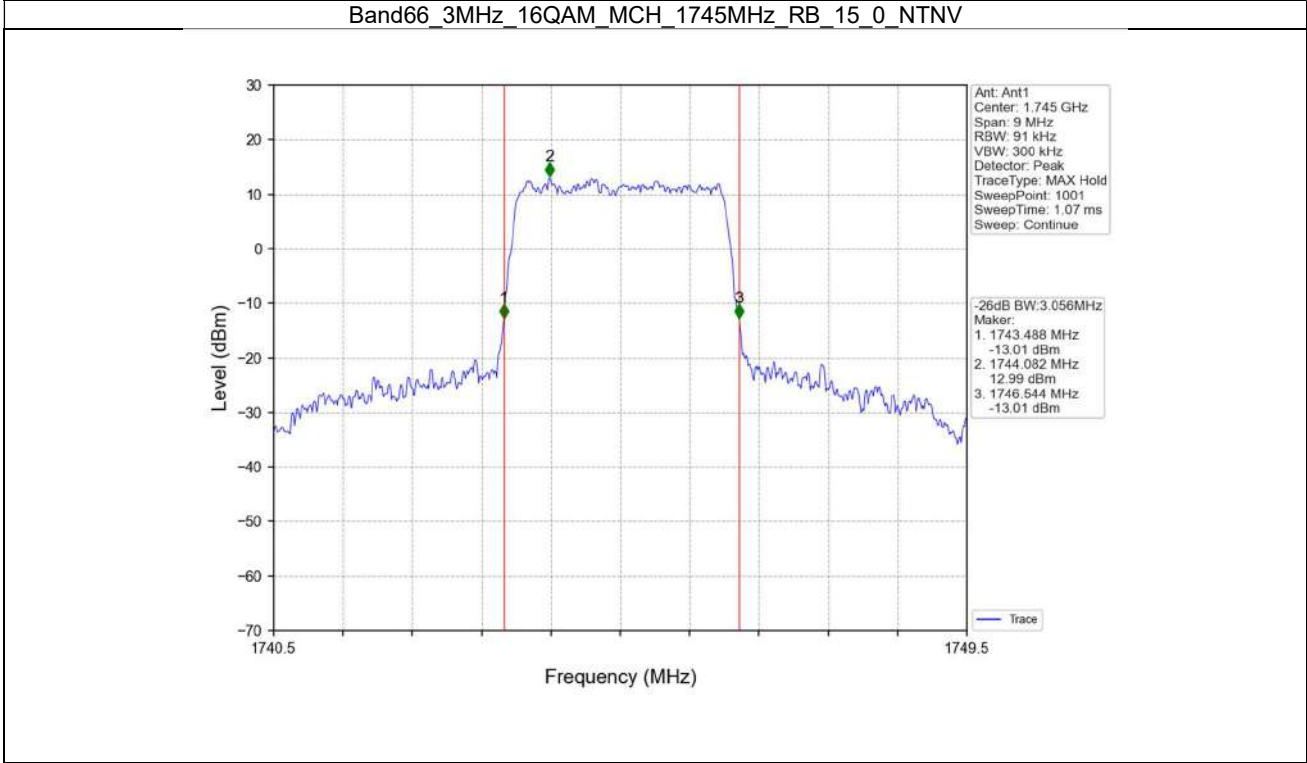


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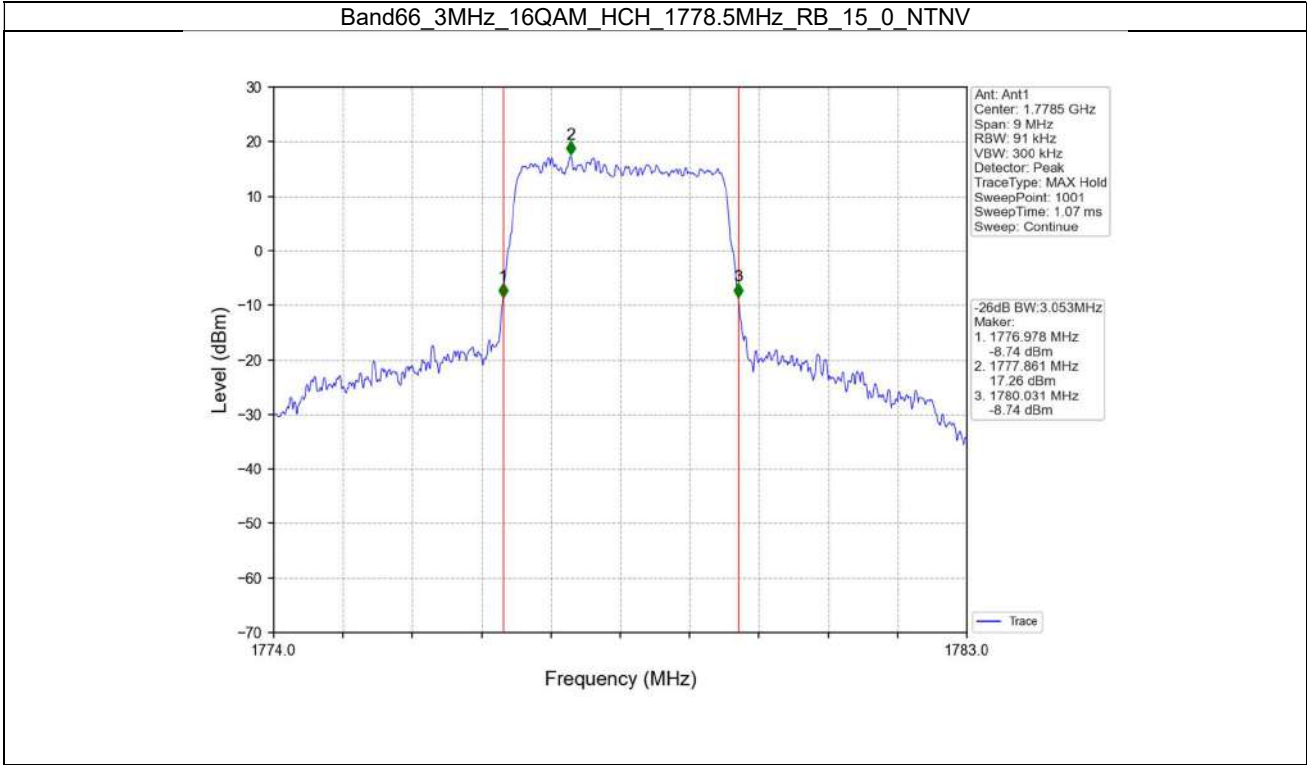
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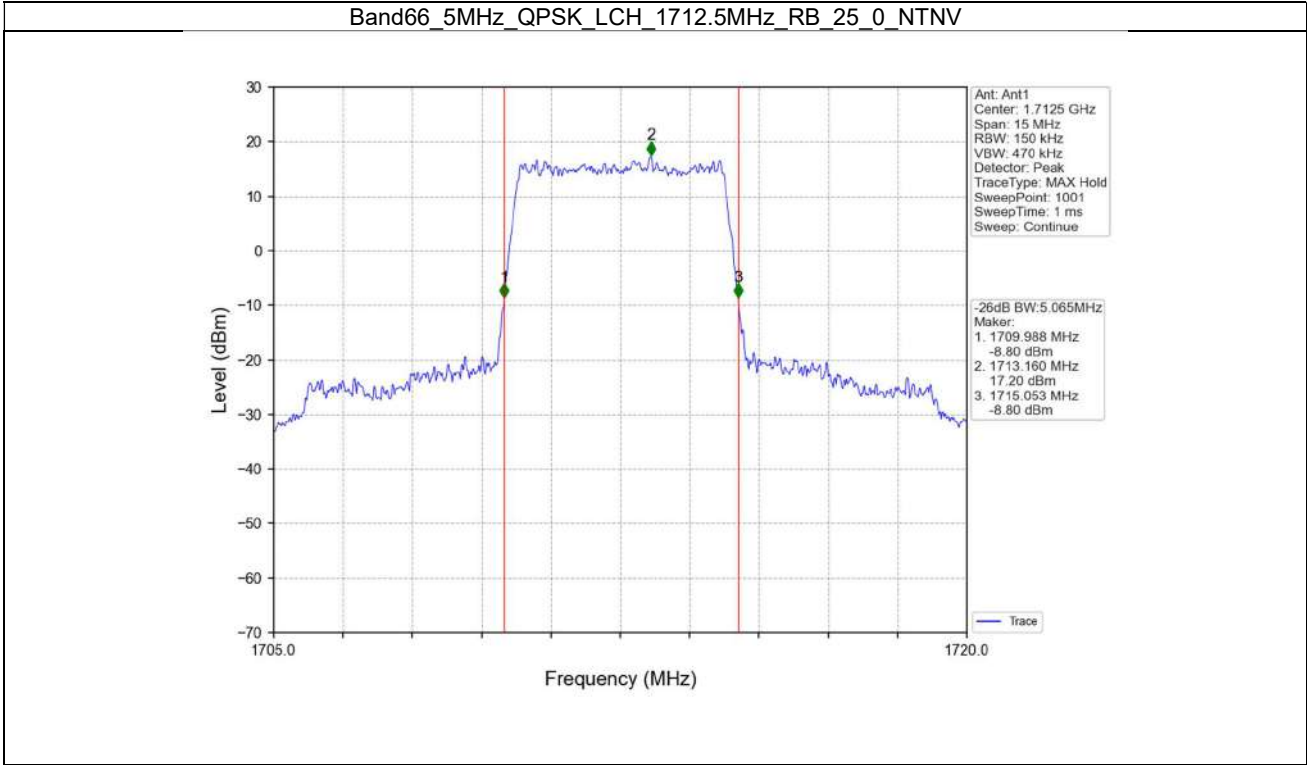
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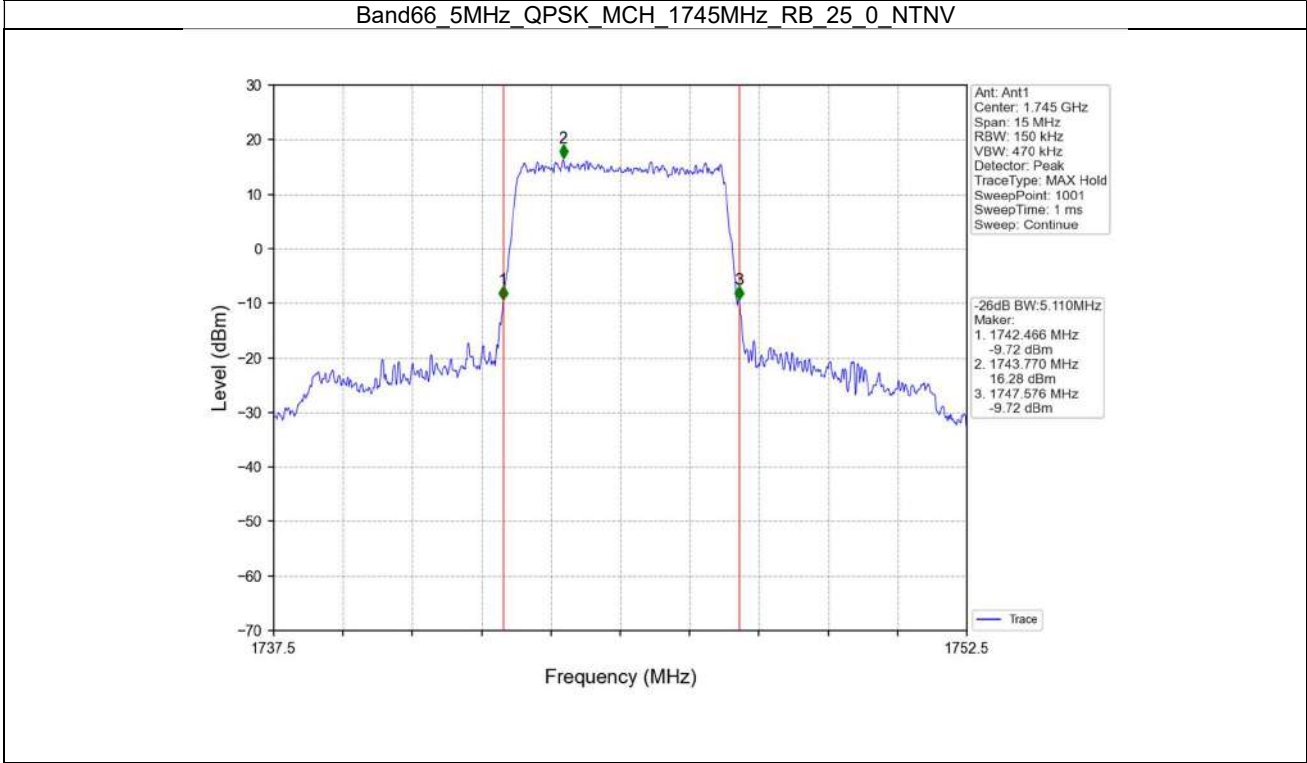


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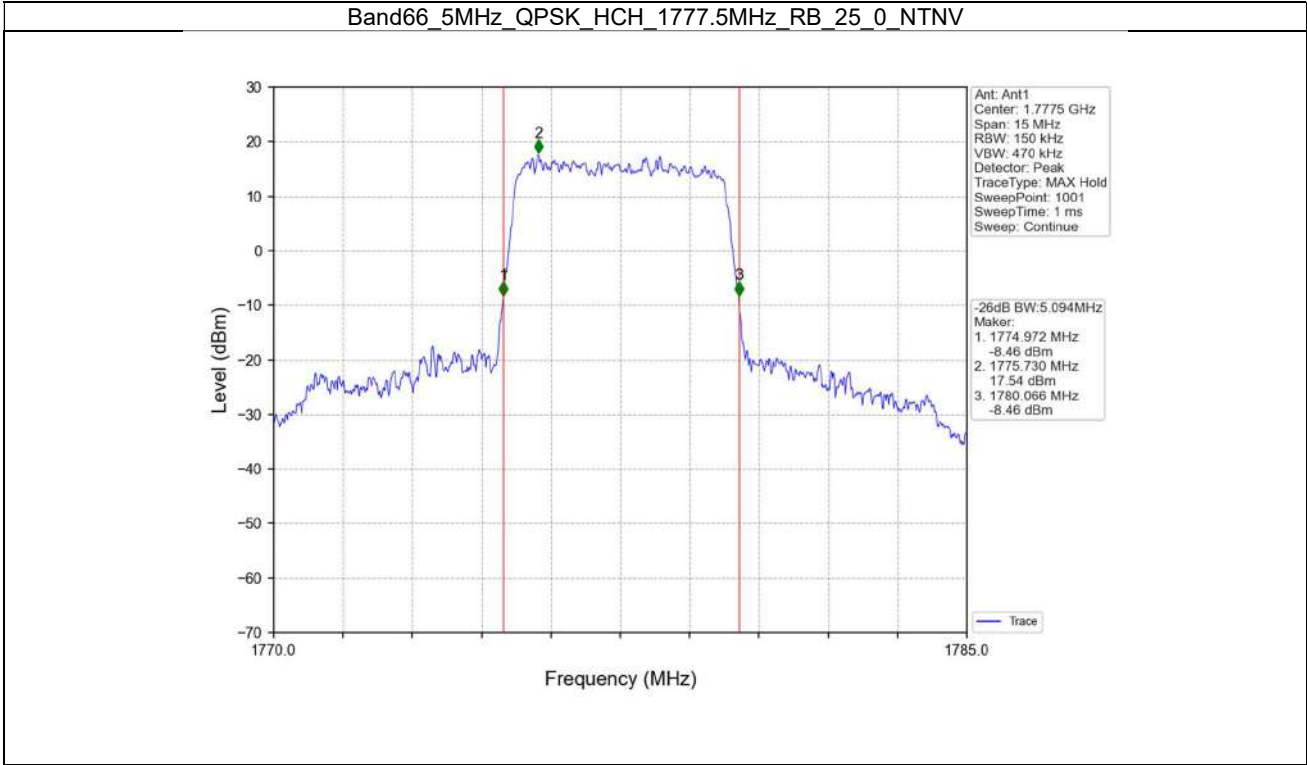
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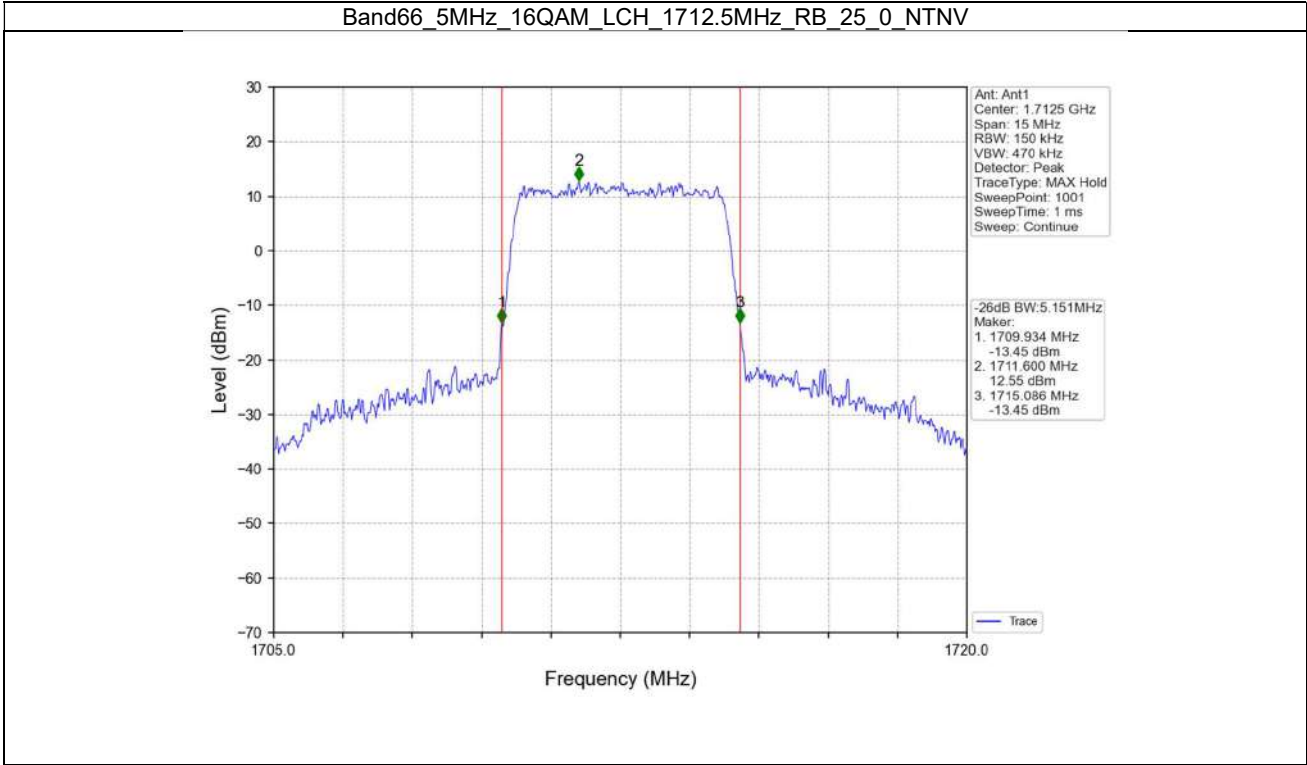
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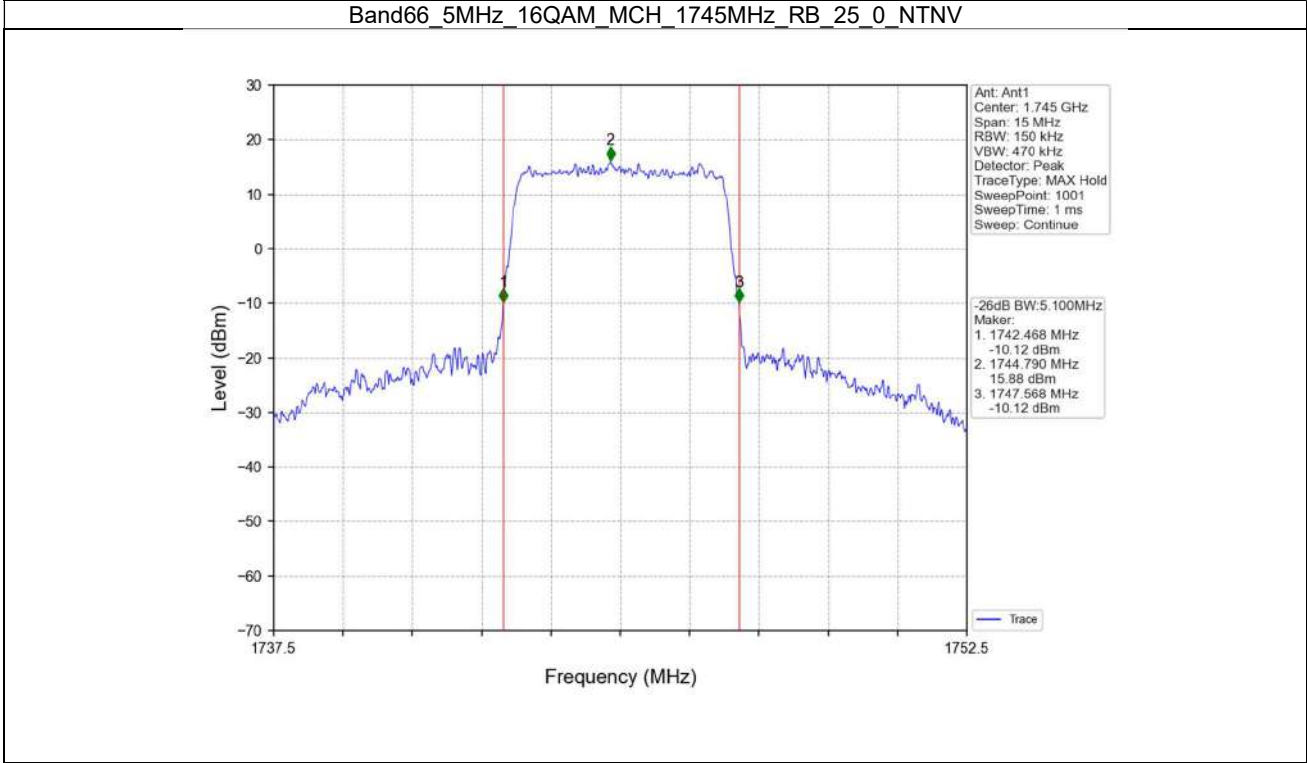


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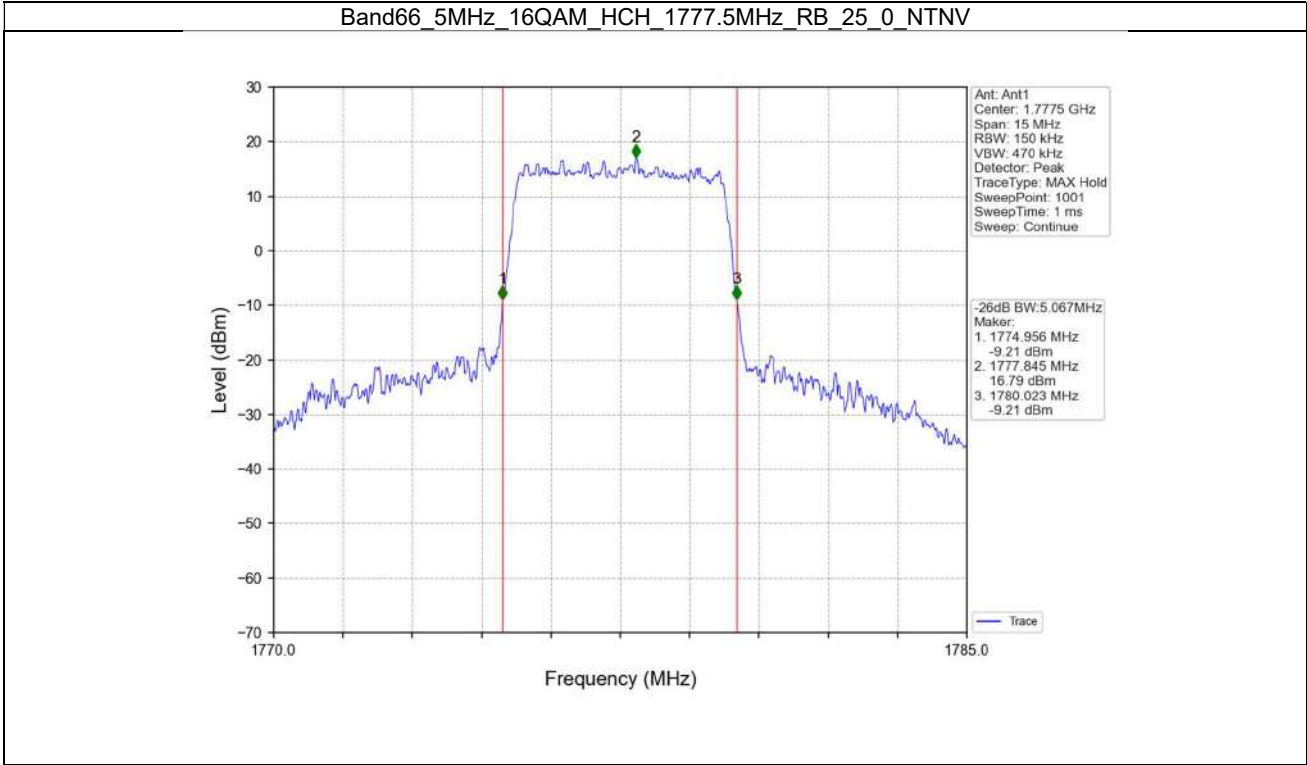


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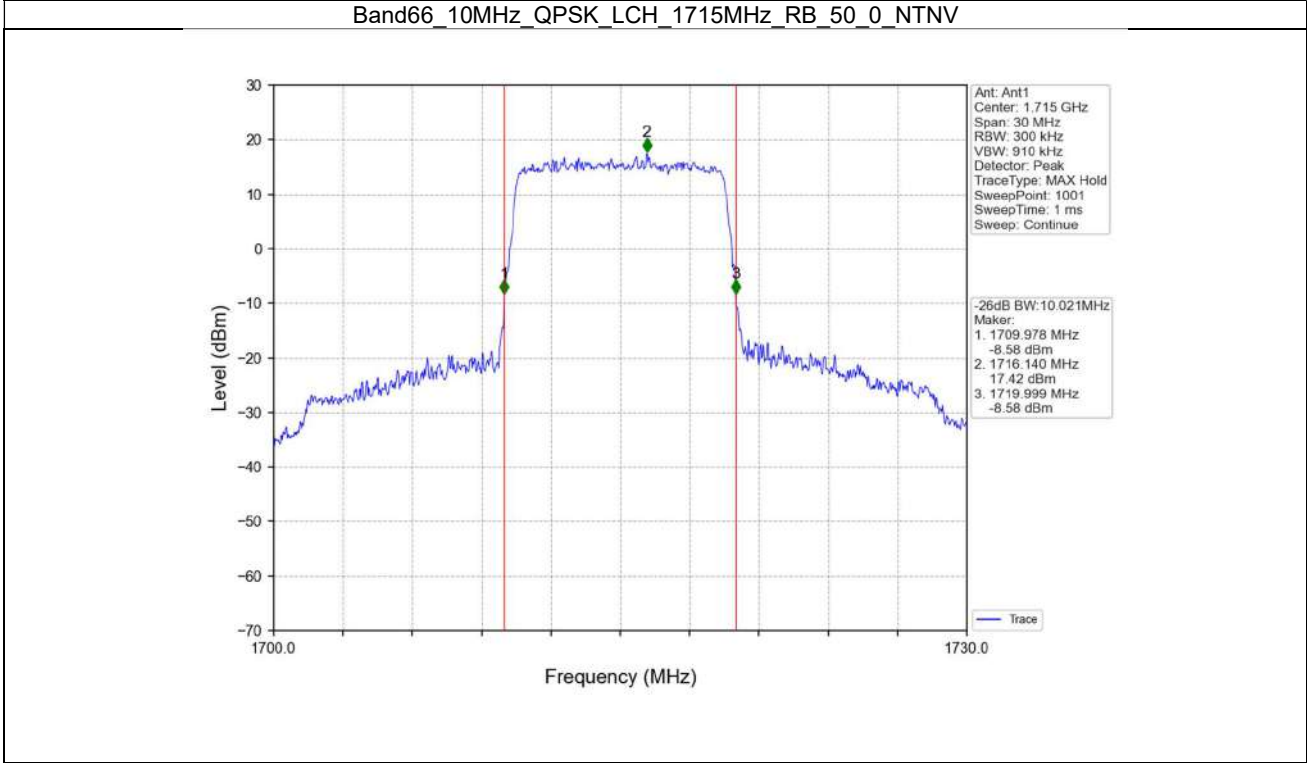


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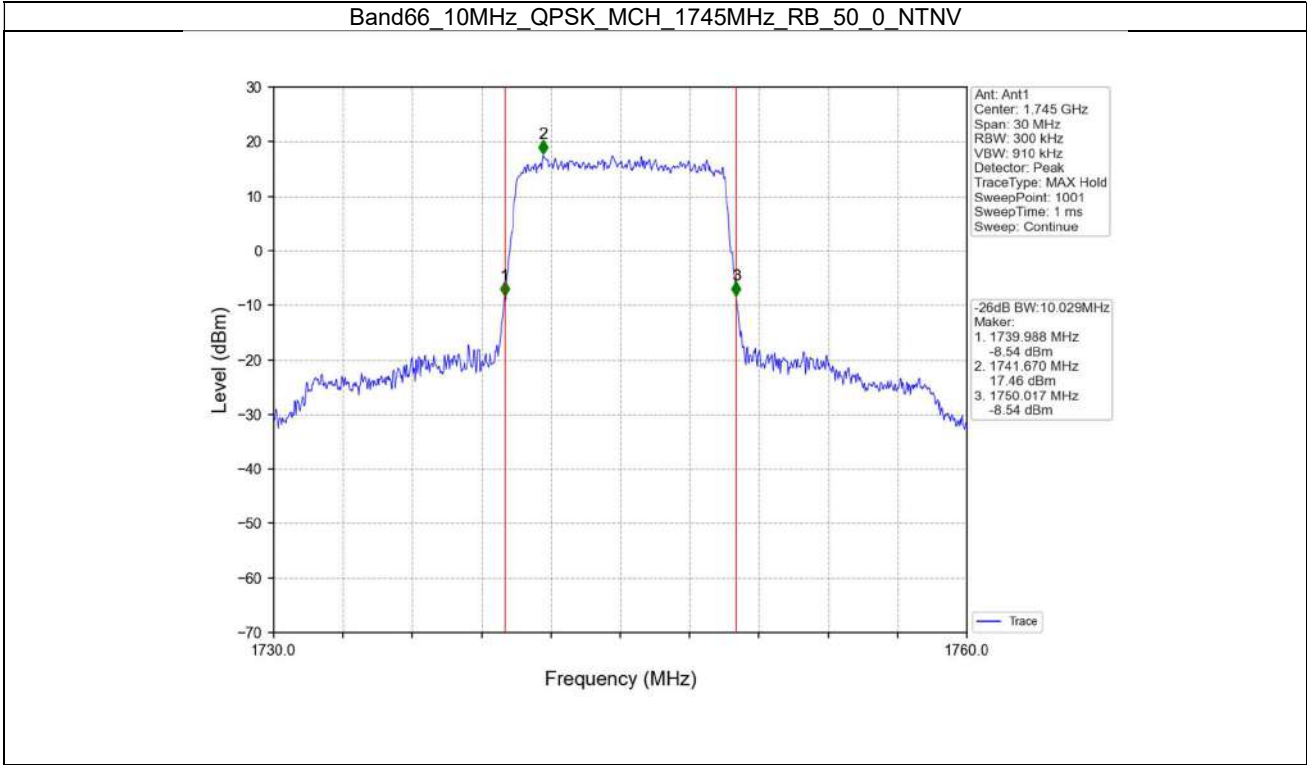
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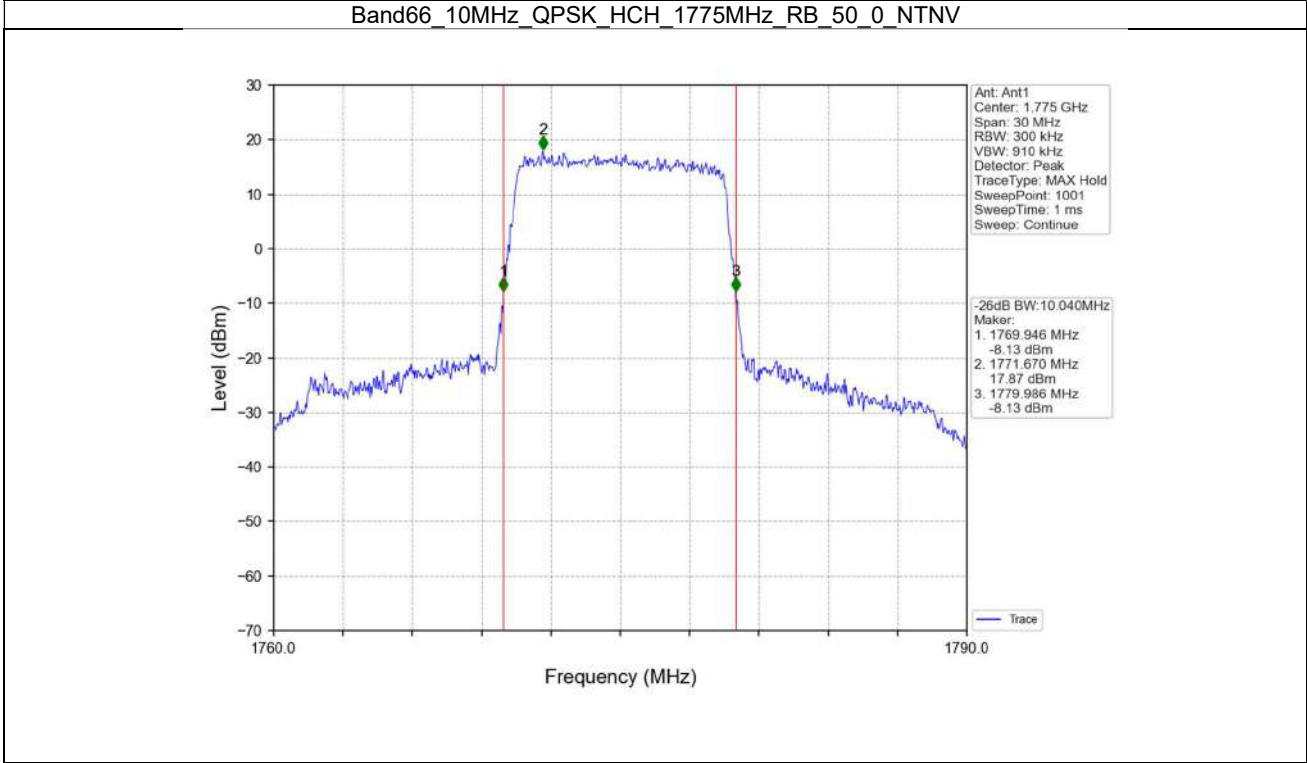


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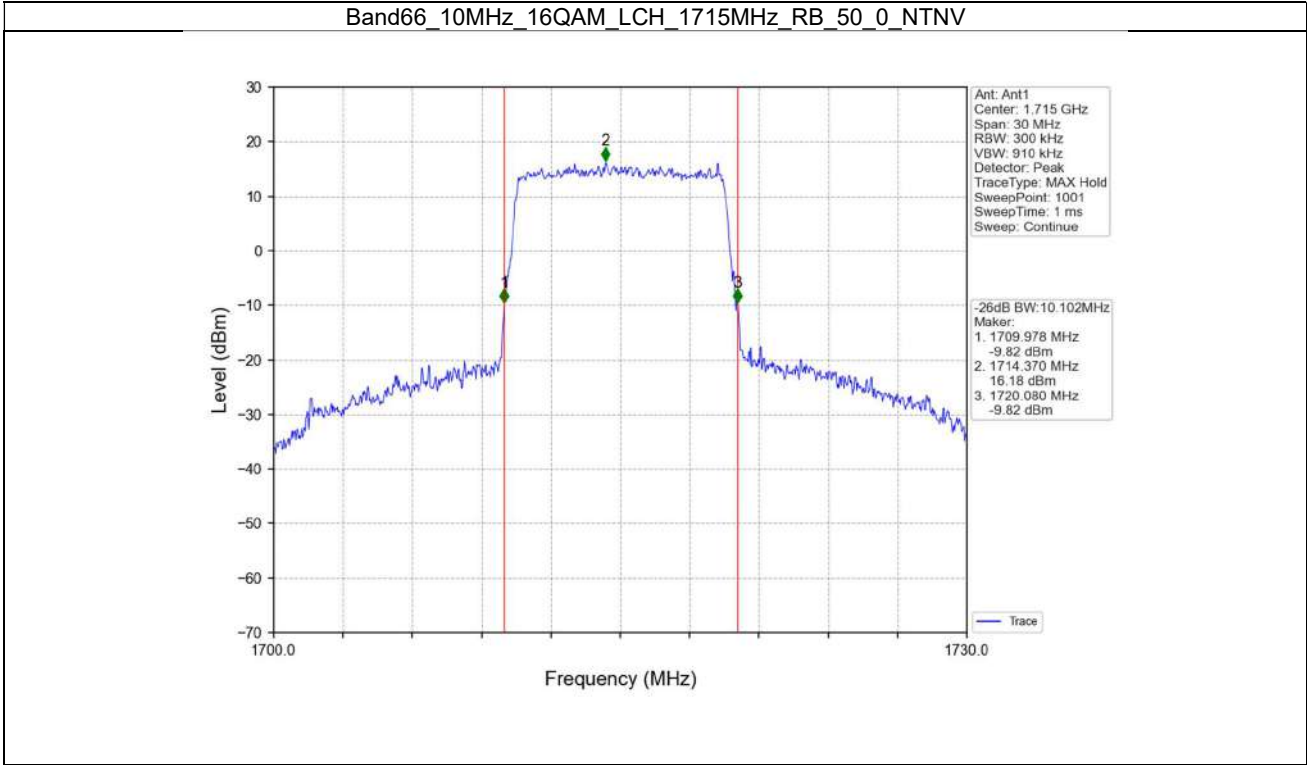
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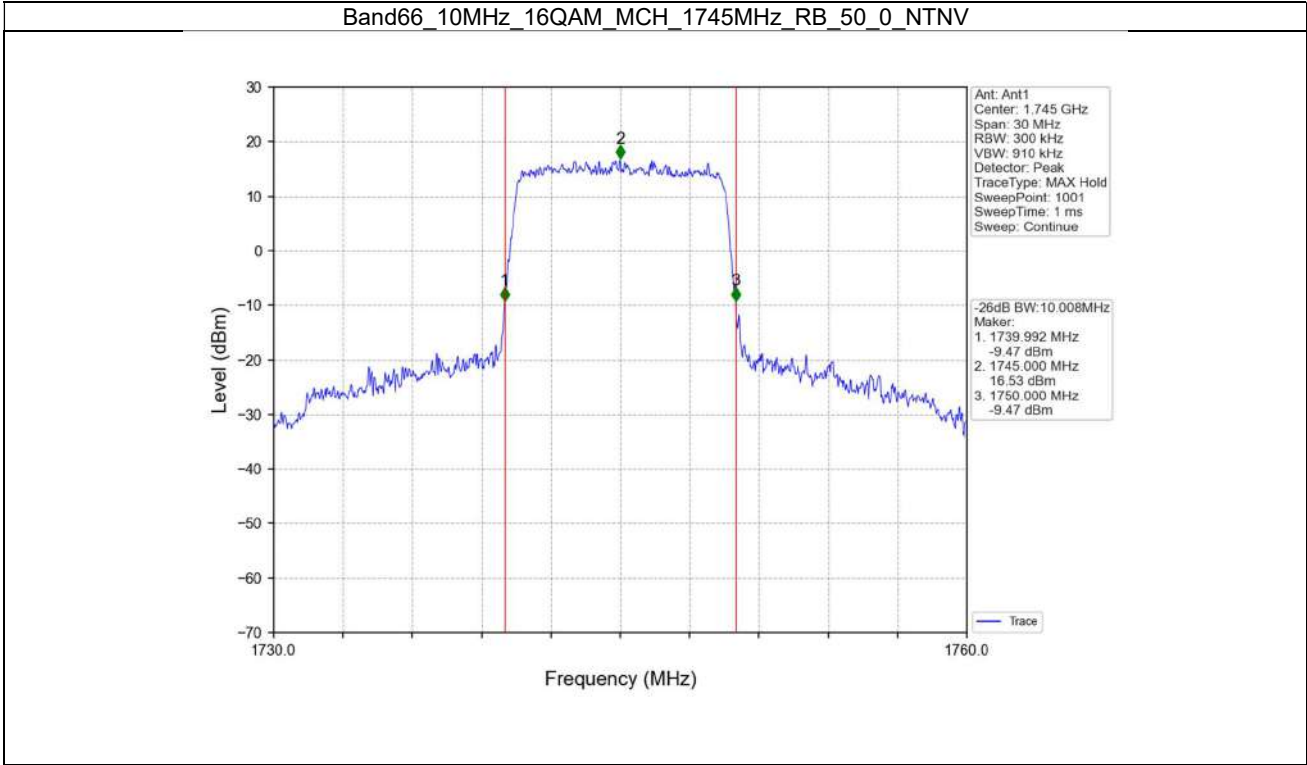
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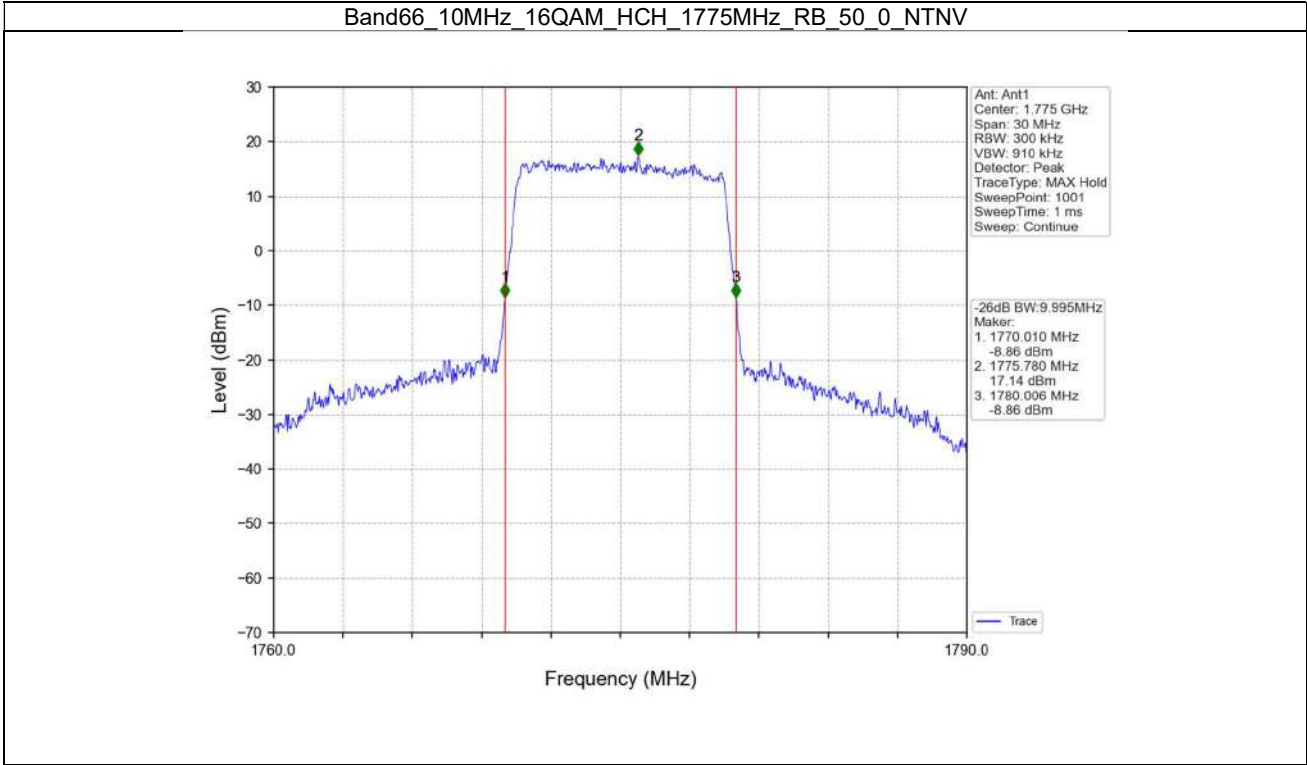
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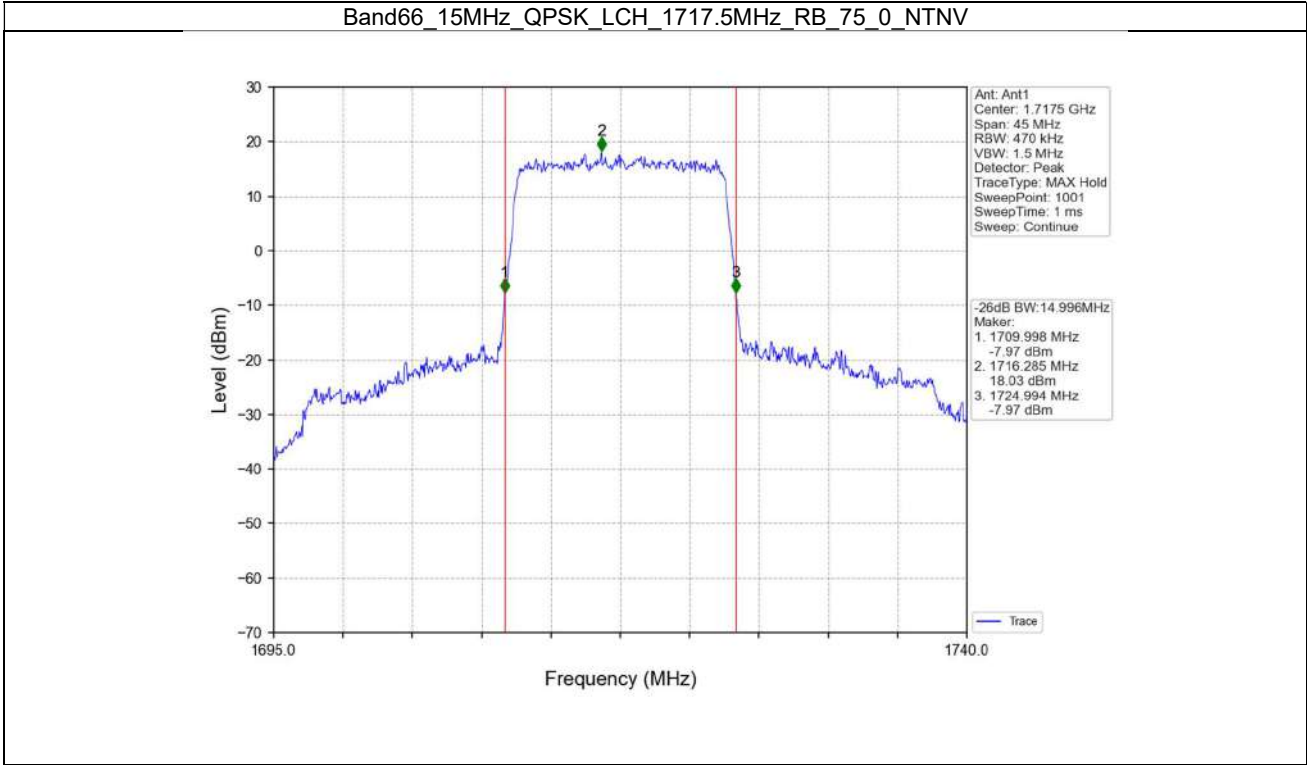
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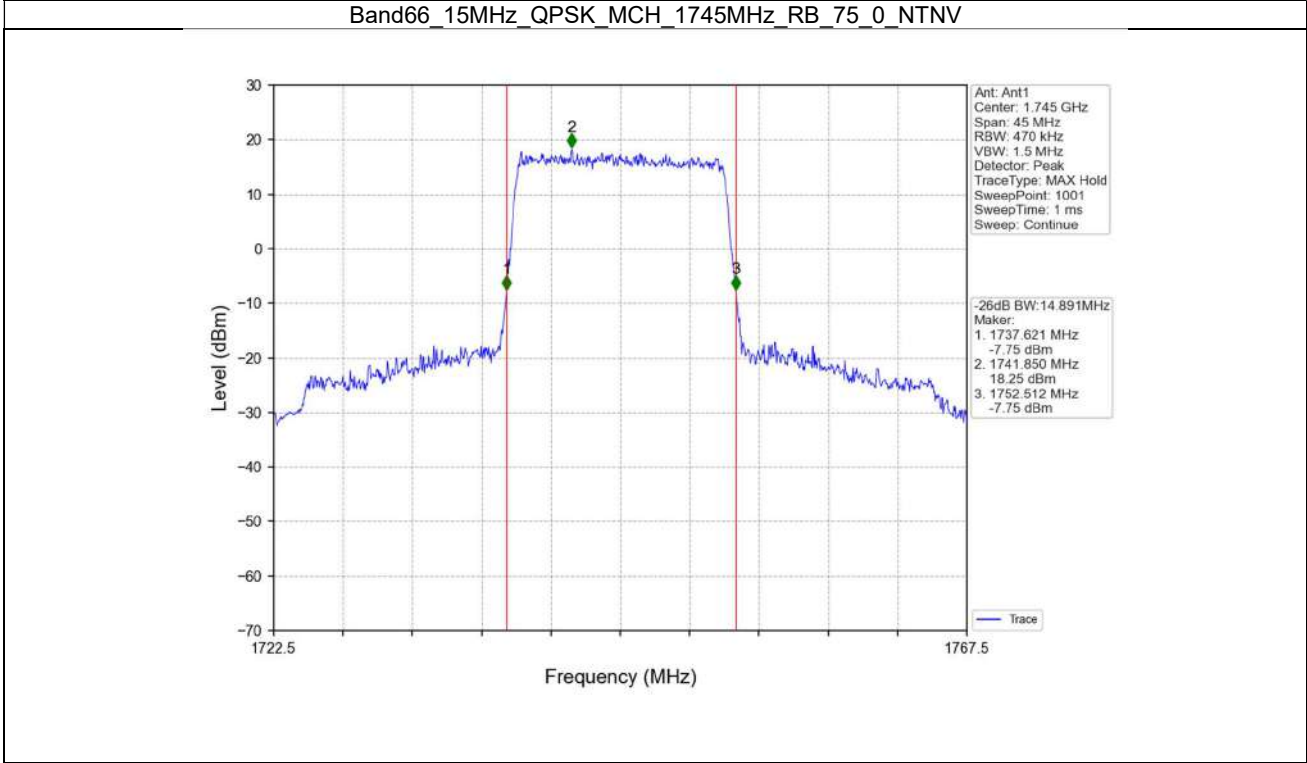


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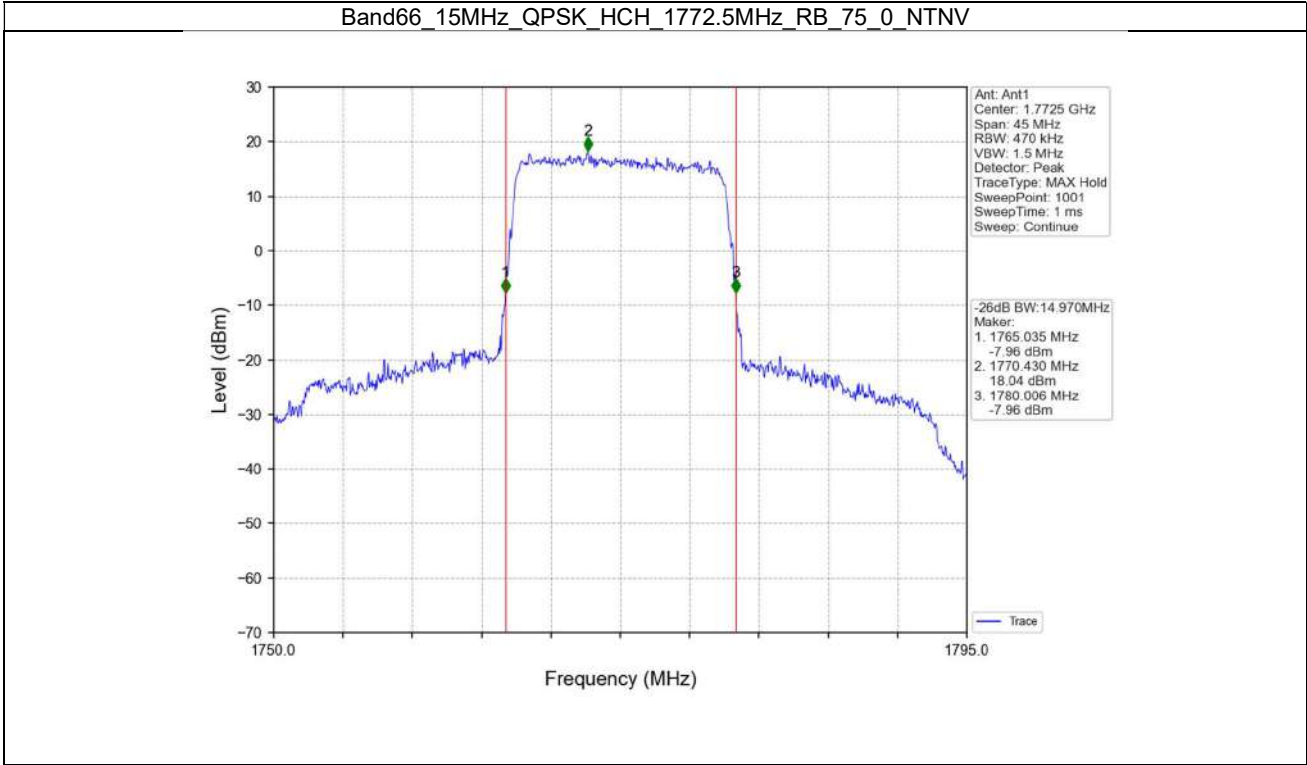
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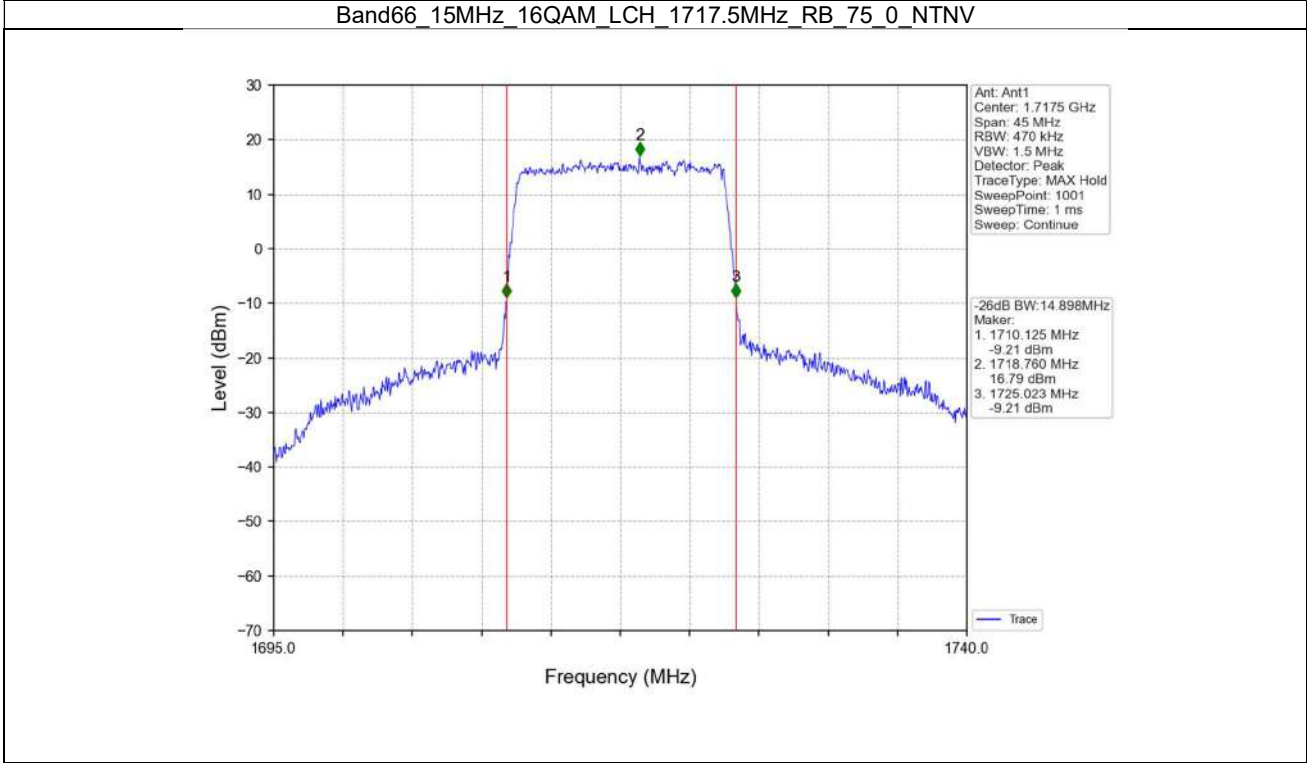


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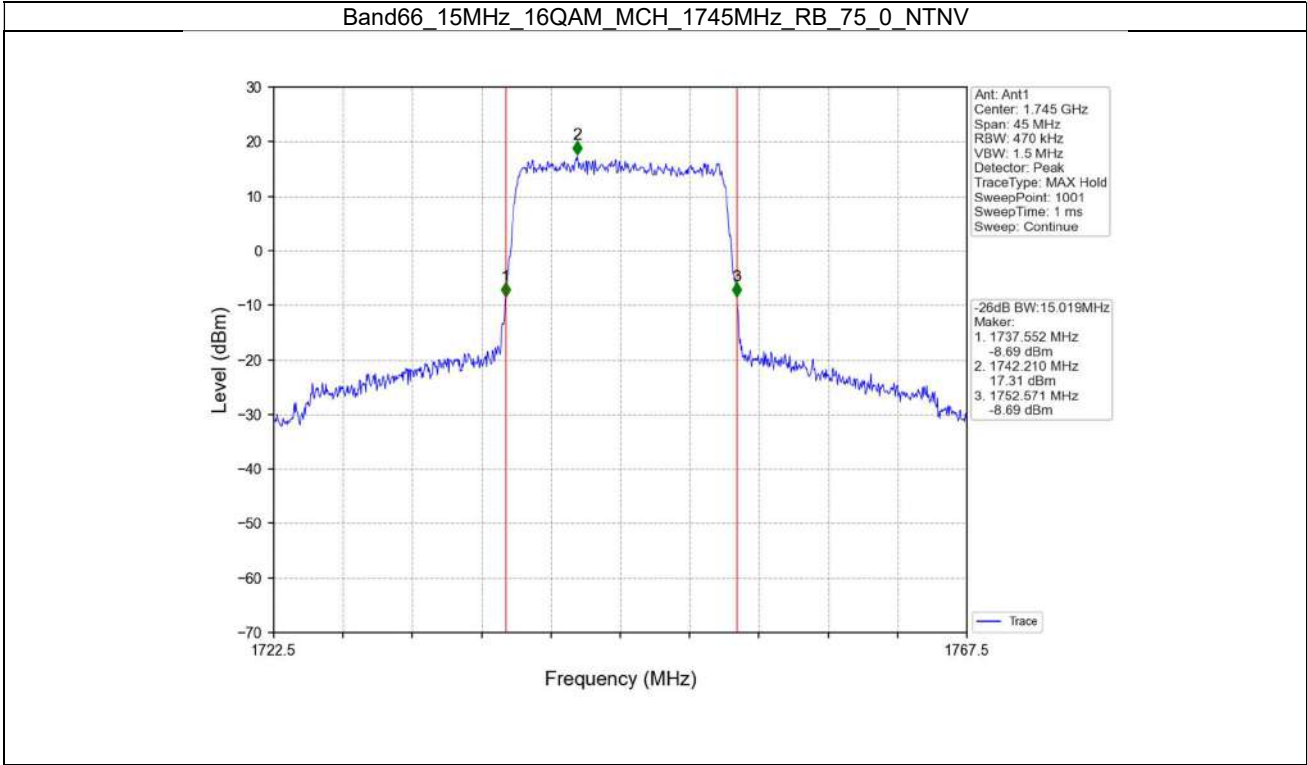
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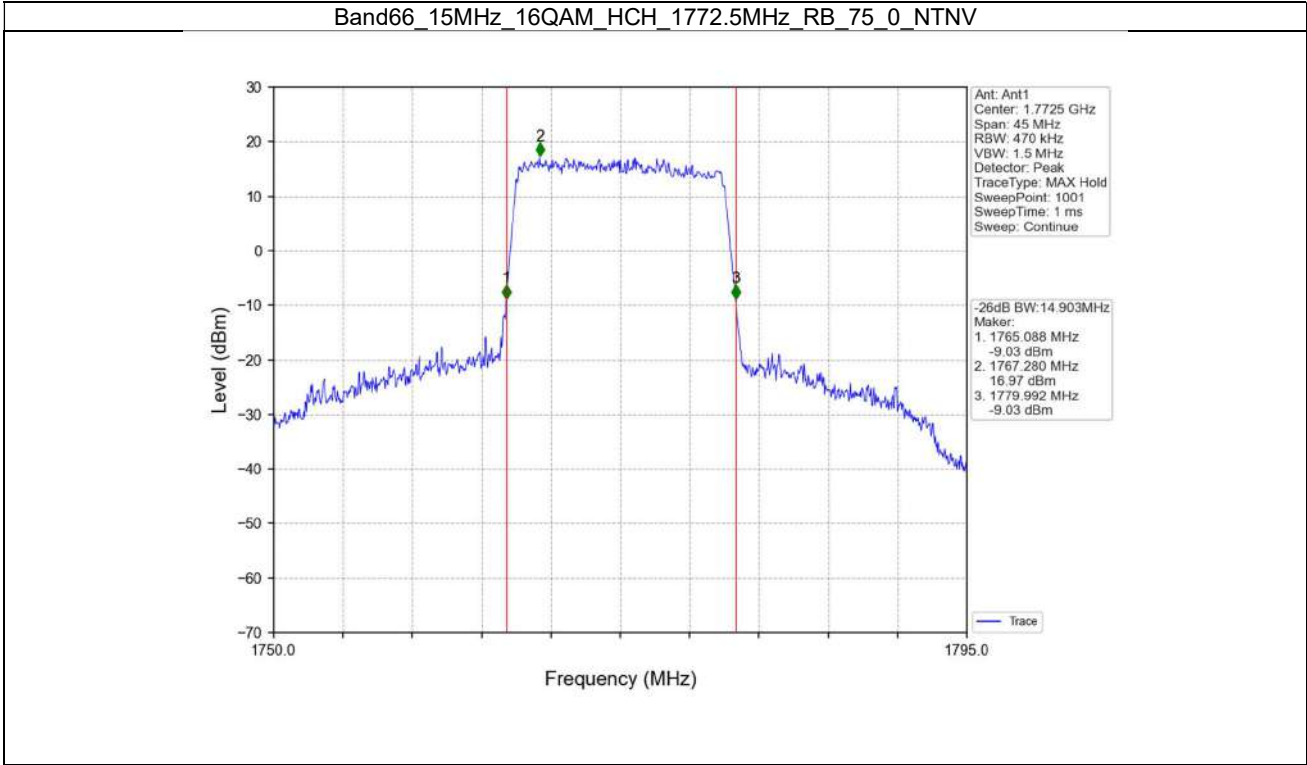
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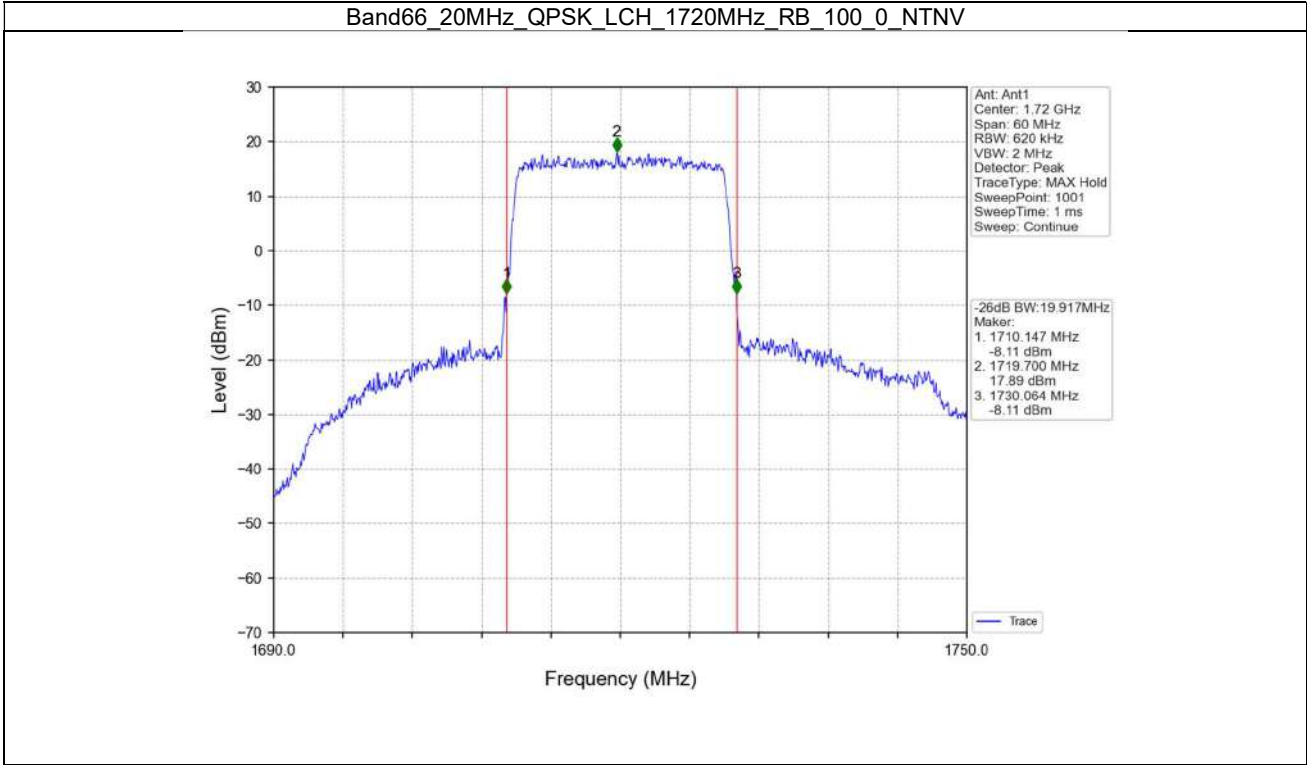
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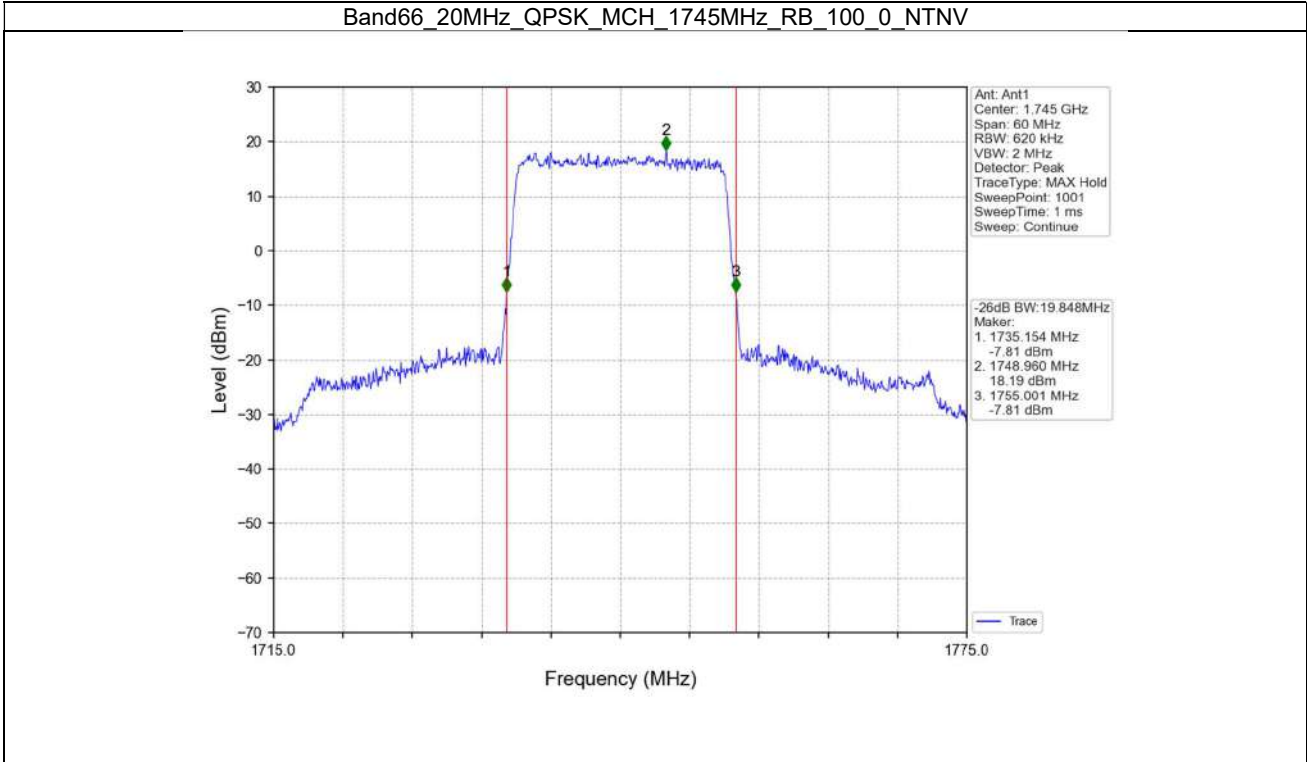
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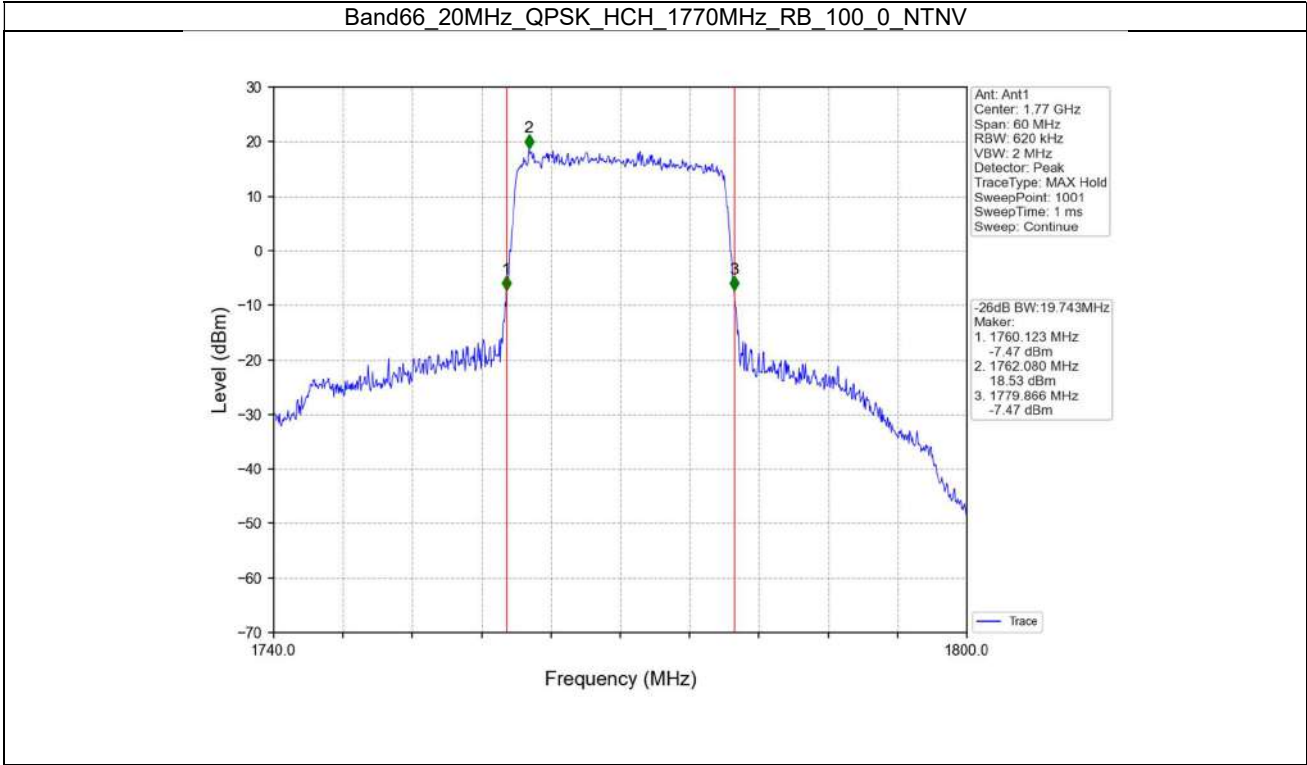
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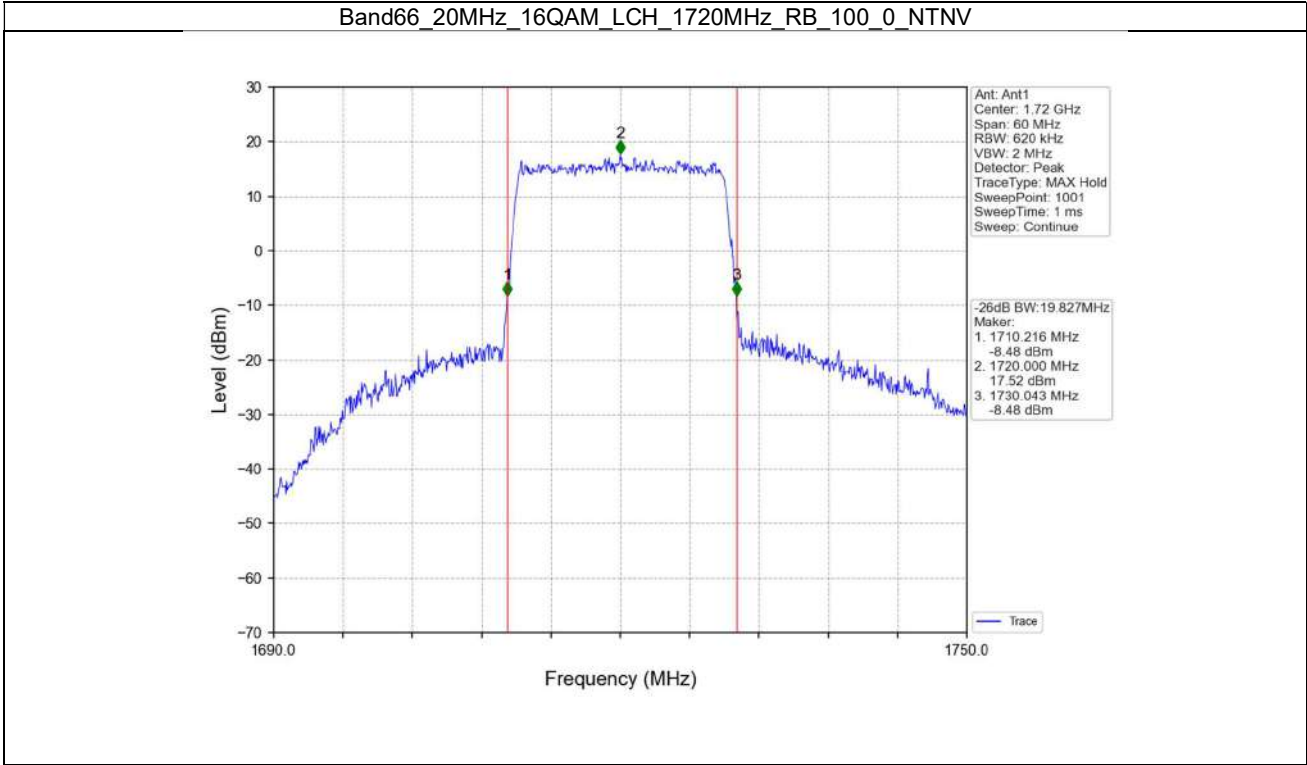
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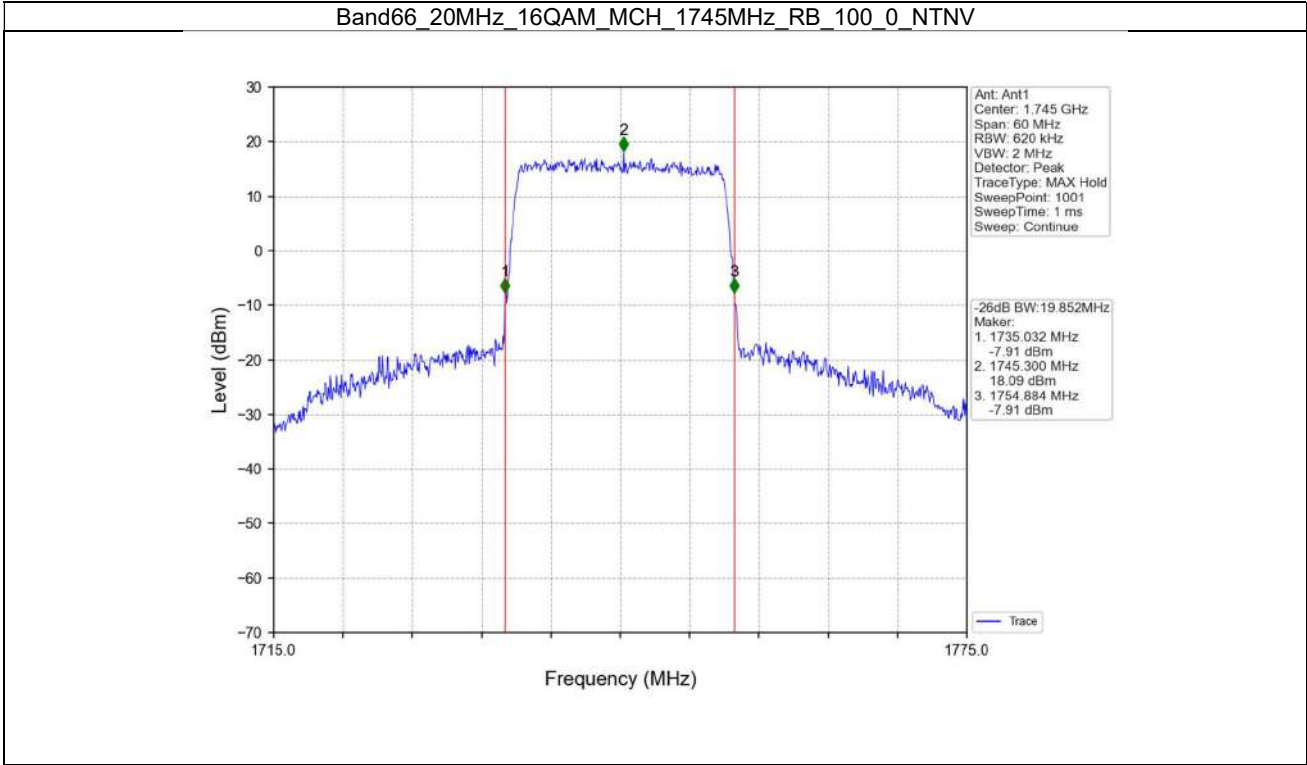
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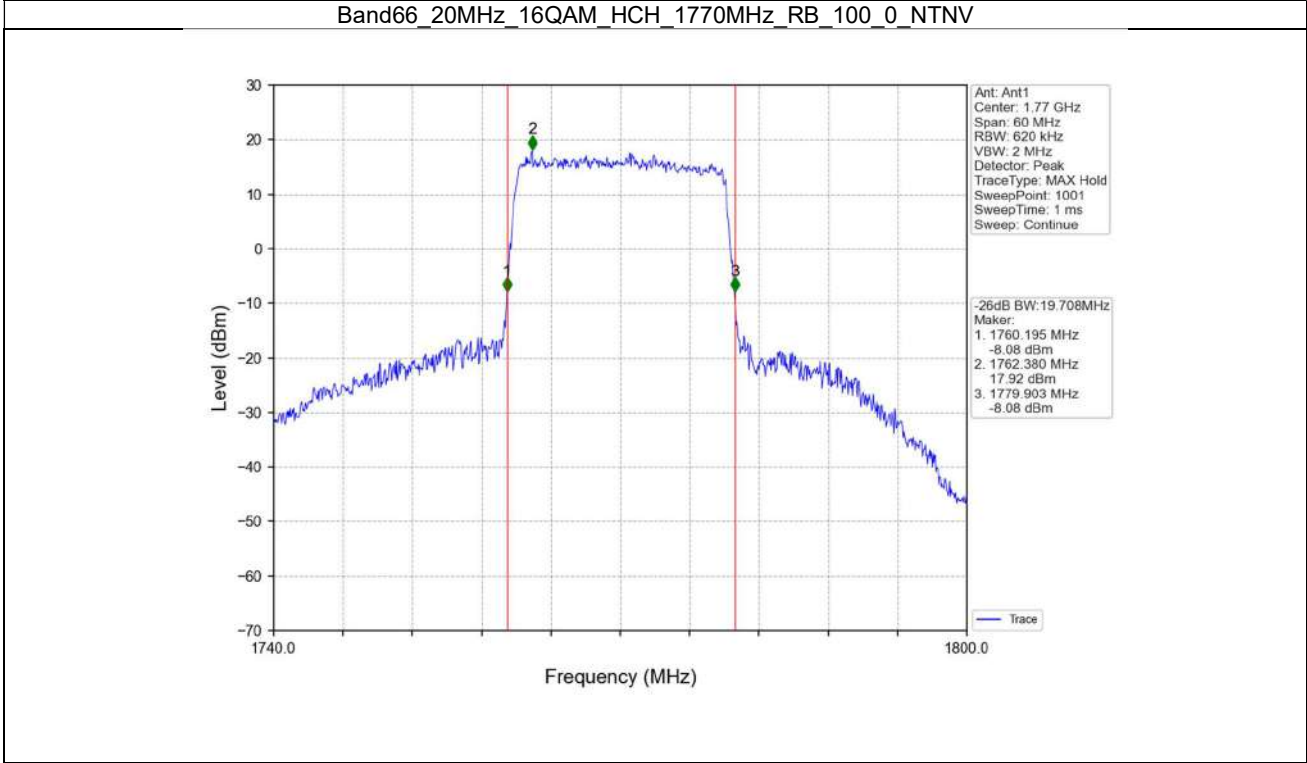


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Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
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



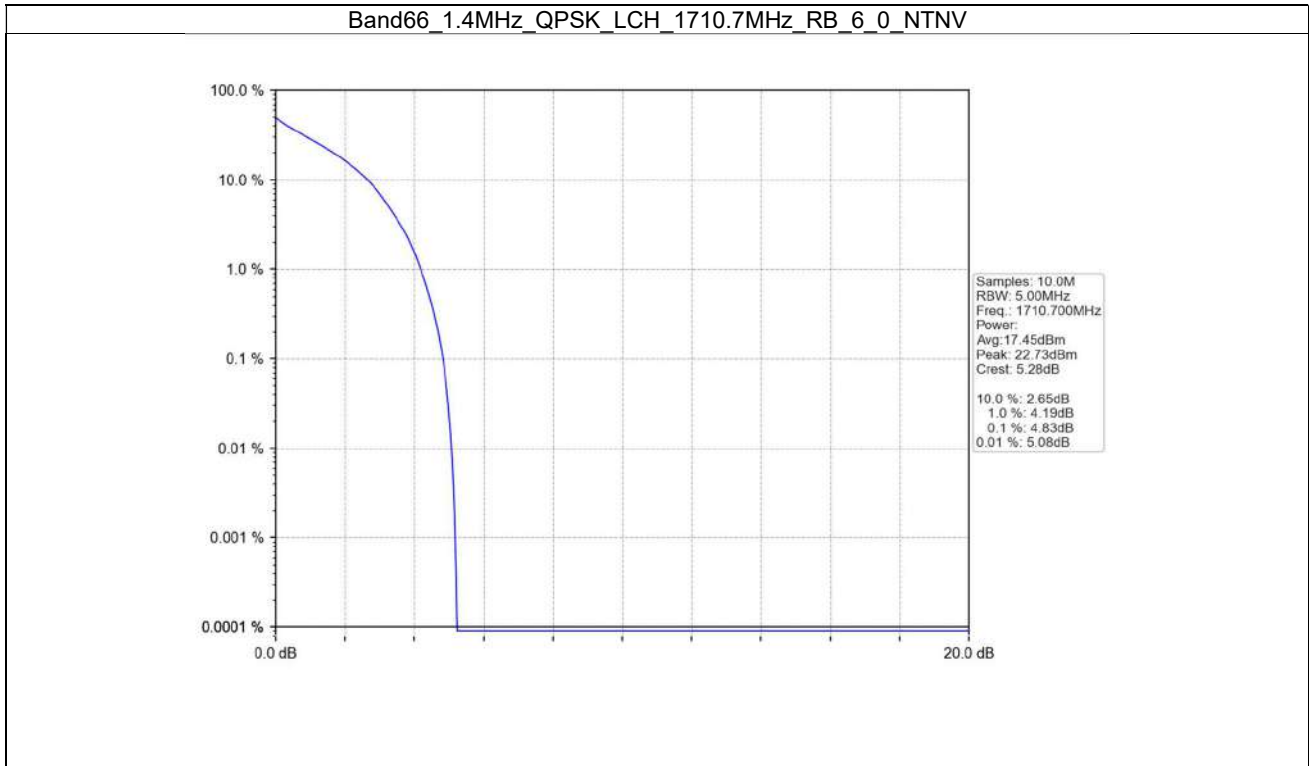
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5.1.2 Test Graph

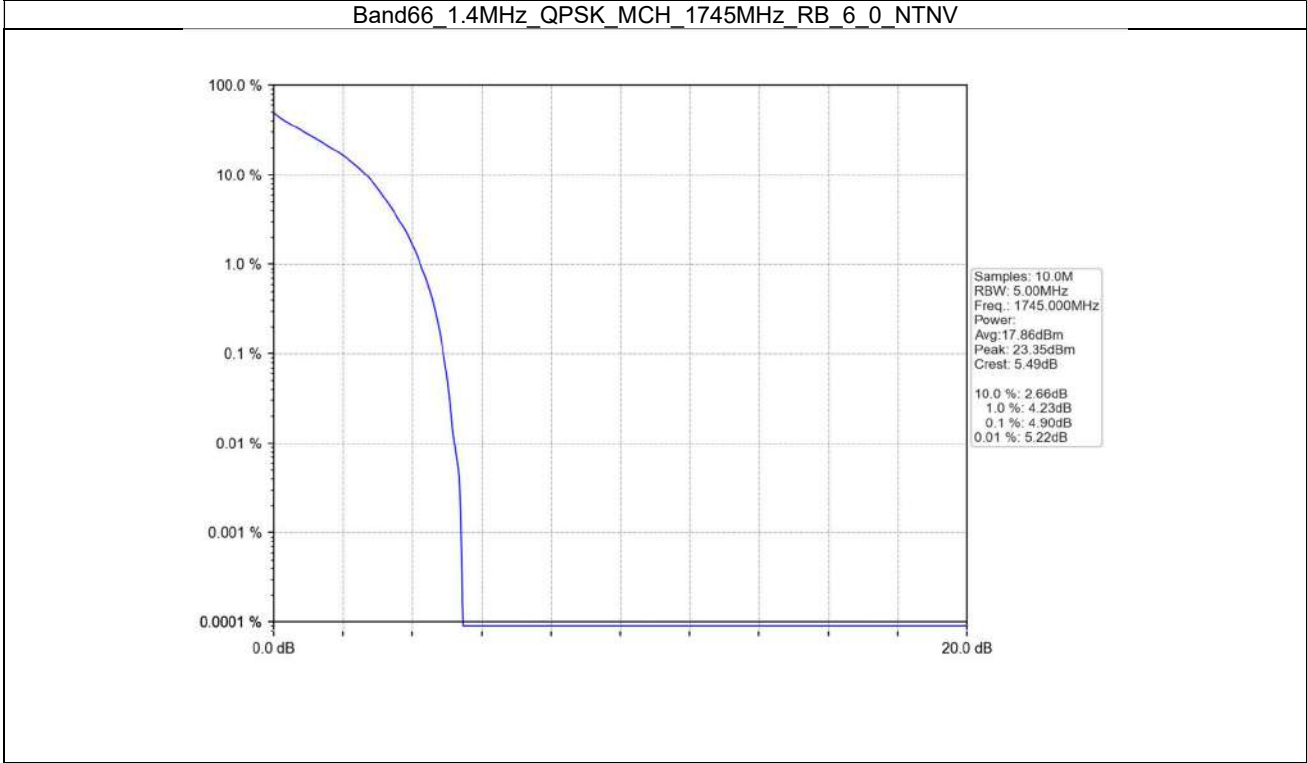


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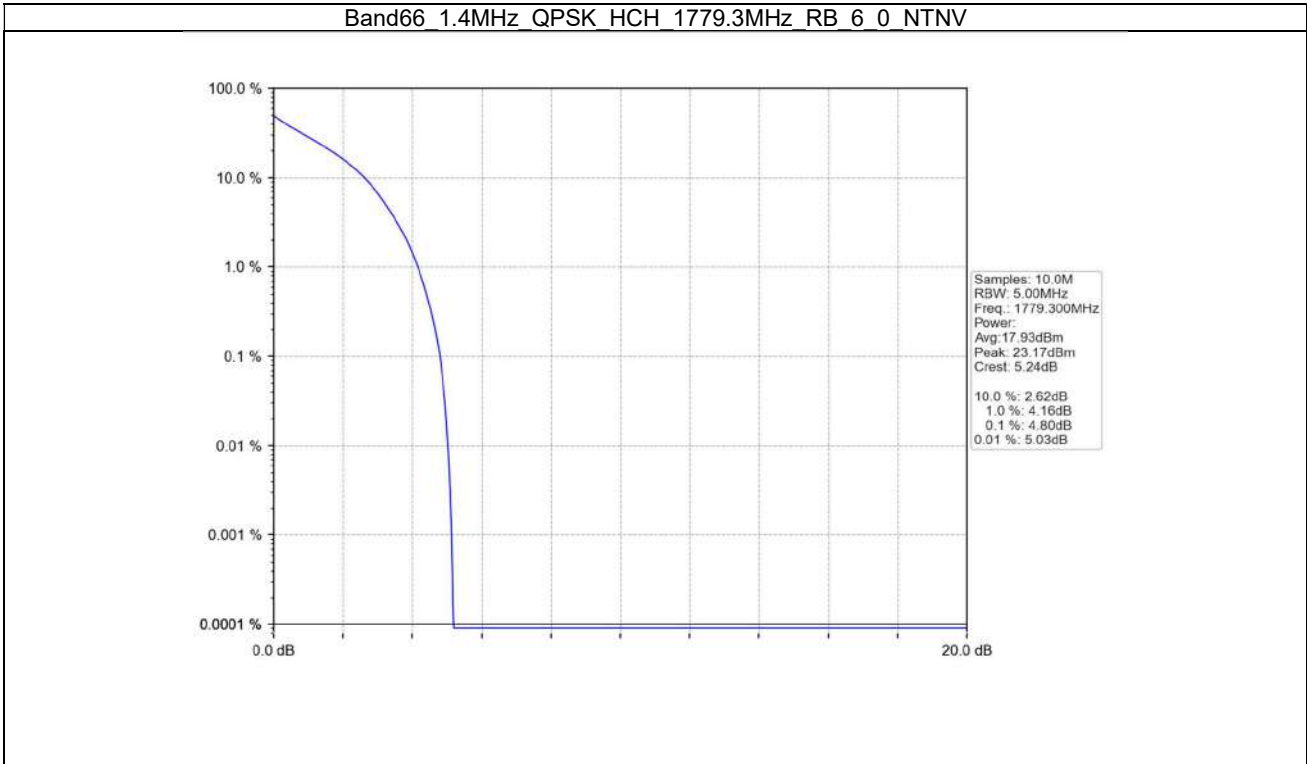
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



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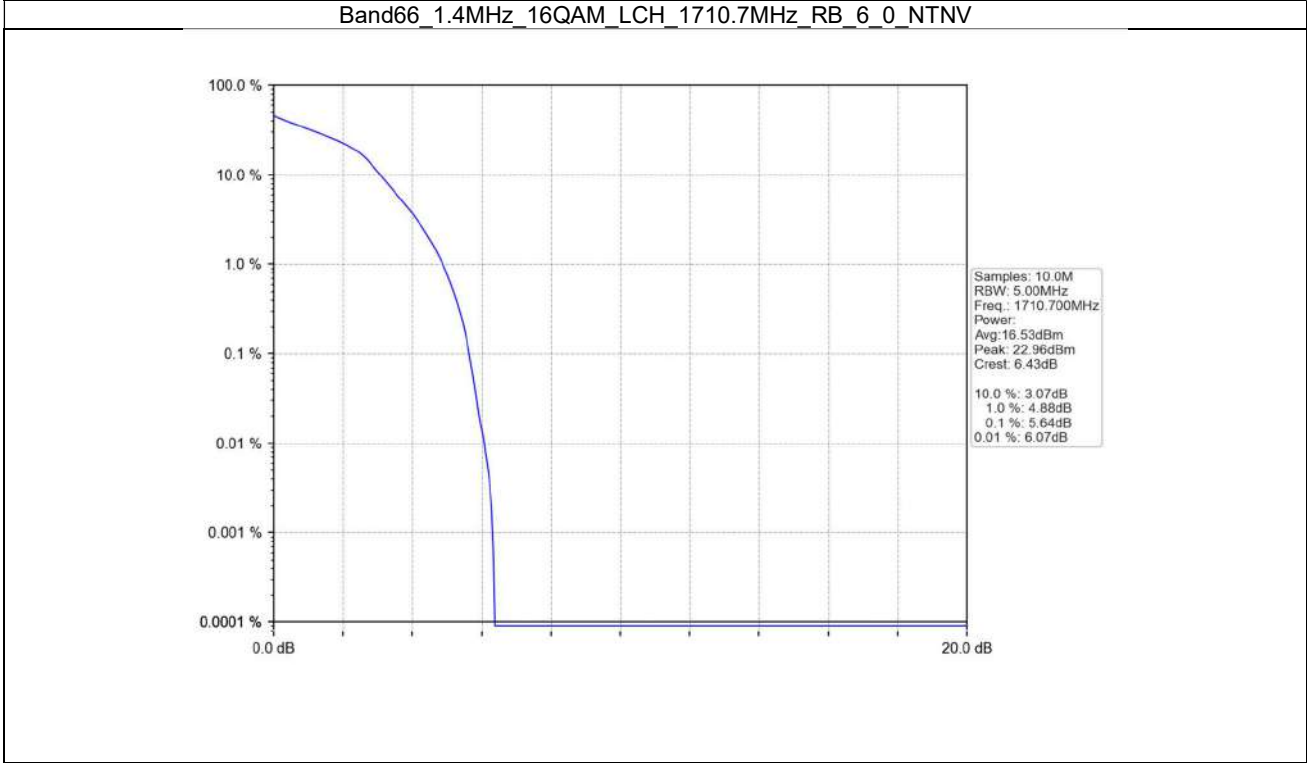


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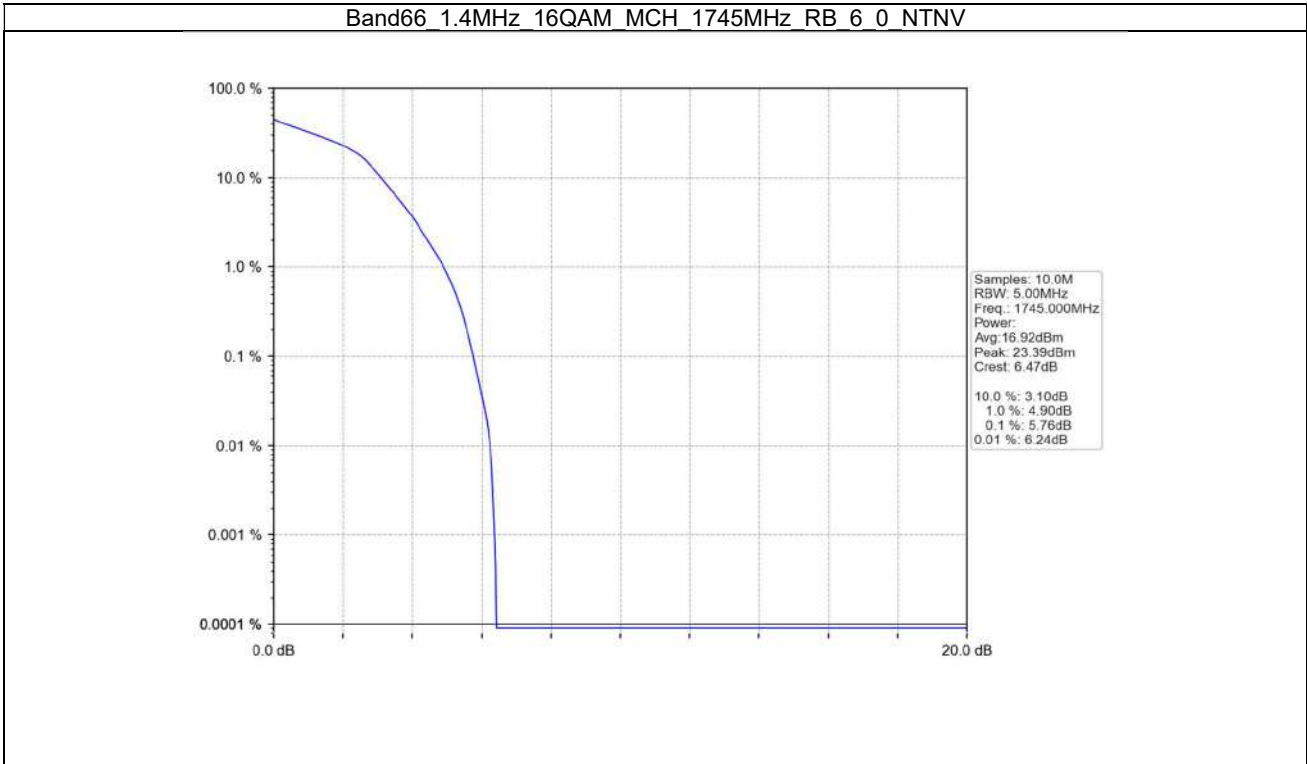
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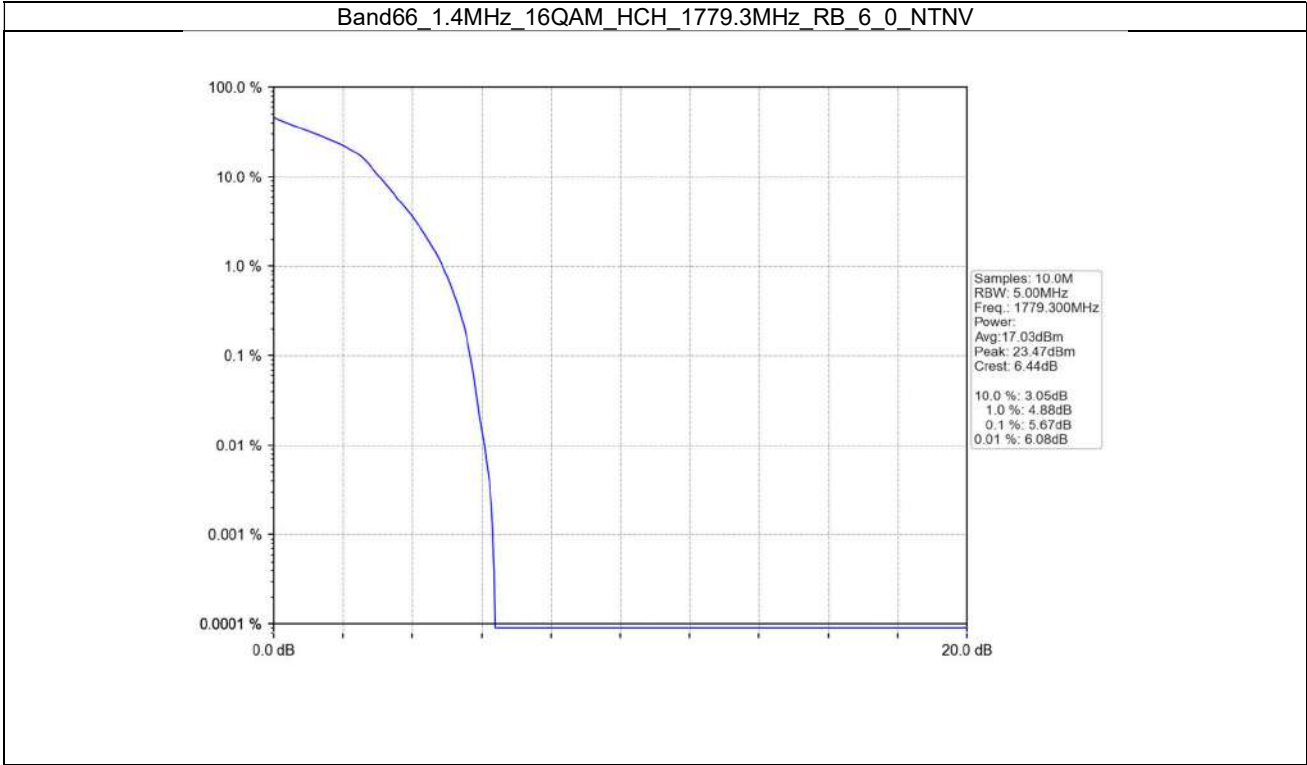
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5.2 B66_3MHz

5.2.1 Test Result

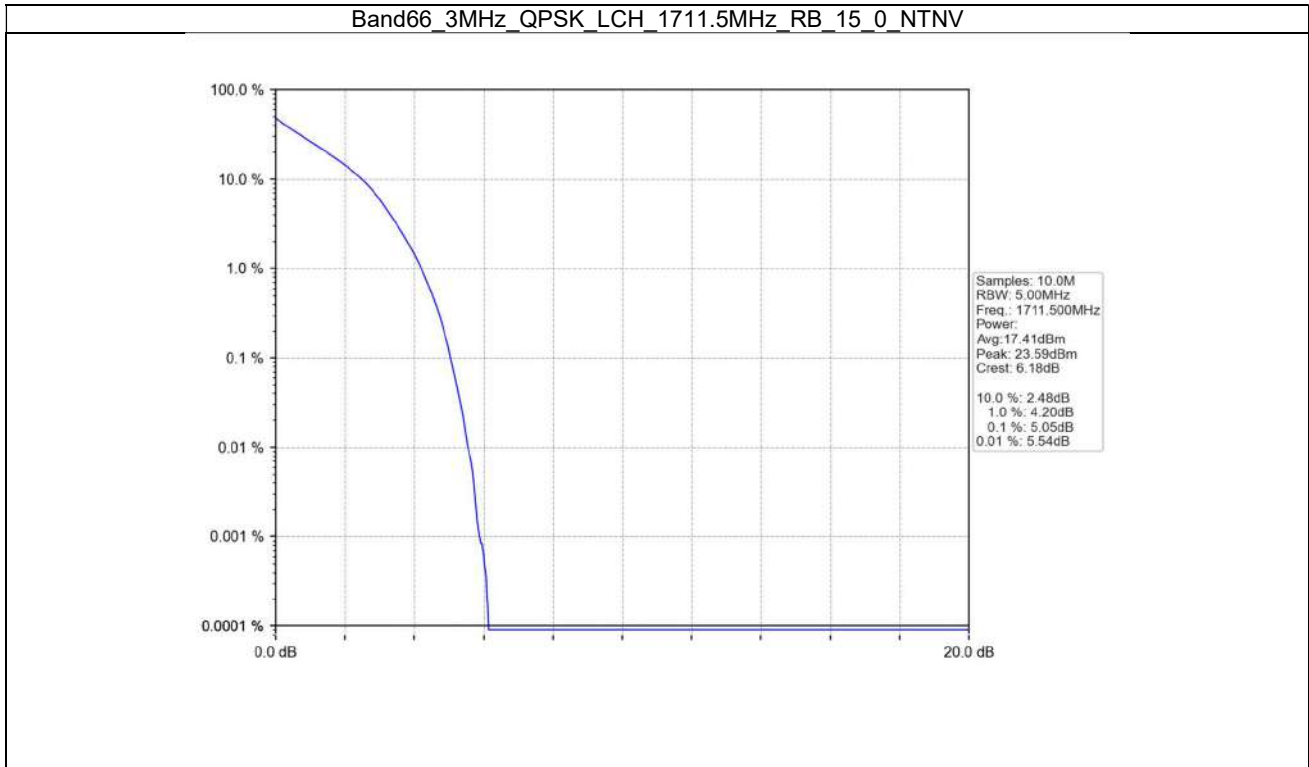
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.05	<=13	Pass
	1745	15	0	5.14	<=13	Pass
	1778.5	15	0	5.10	<=13	Pass
16QAM	1711.5	15	0	5.84	<=13	Pass
	1745	15	0	5.97	<=13	Pass
	1778.5	15	0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



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5.2.2 Test Graph



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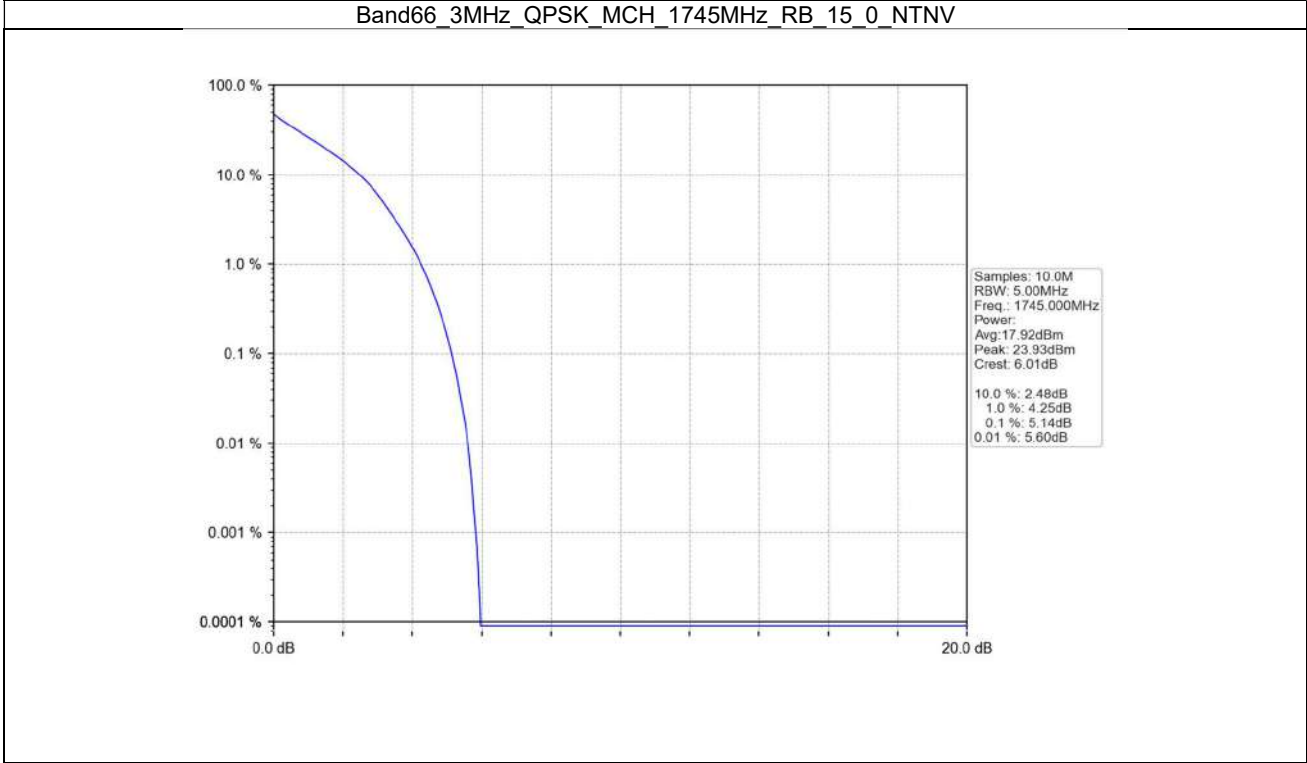
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Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

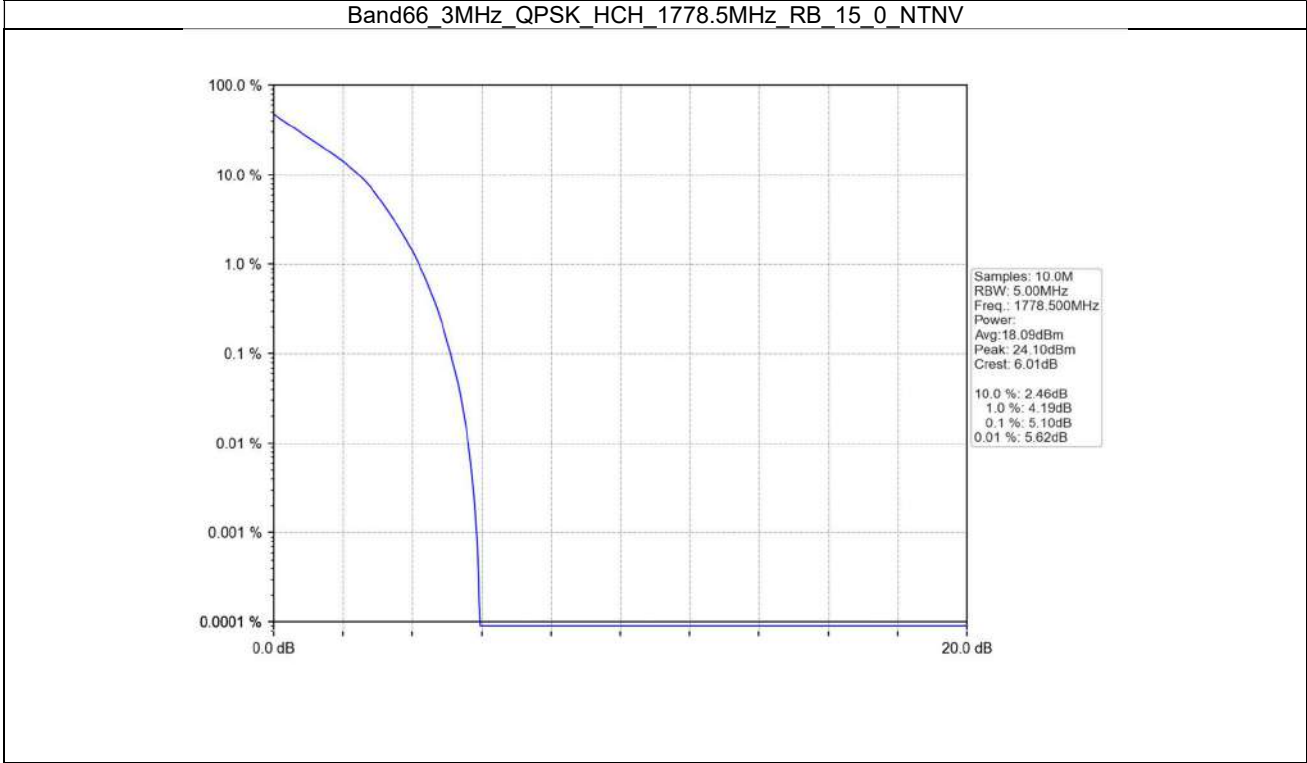


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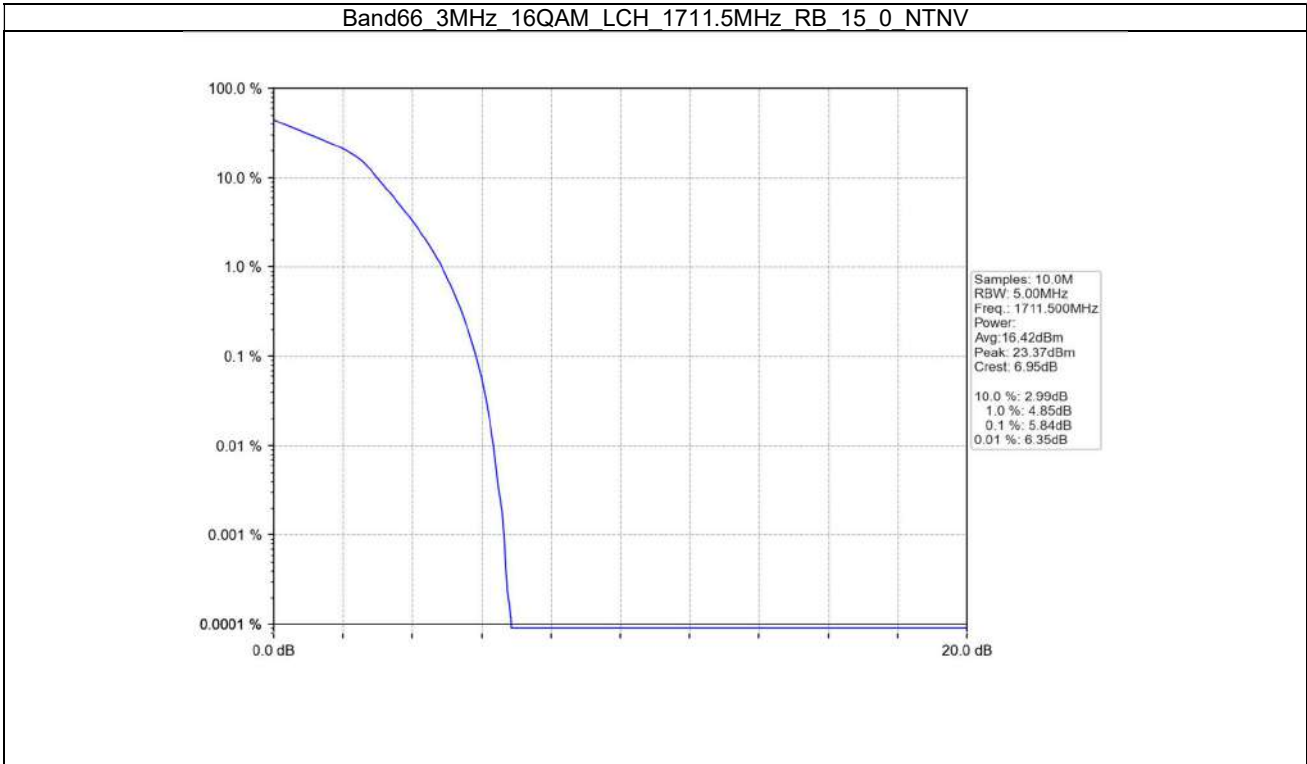
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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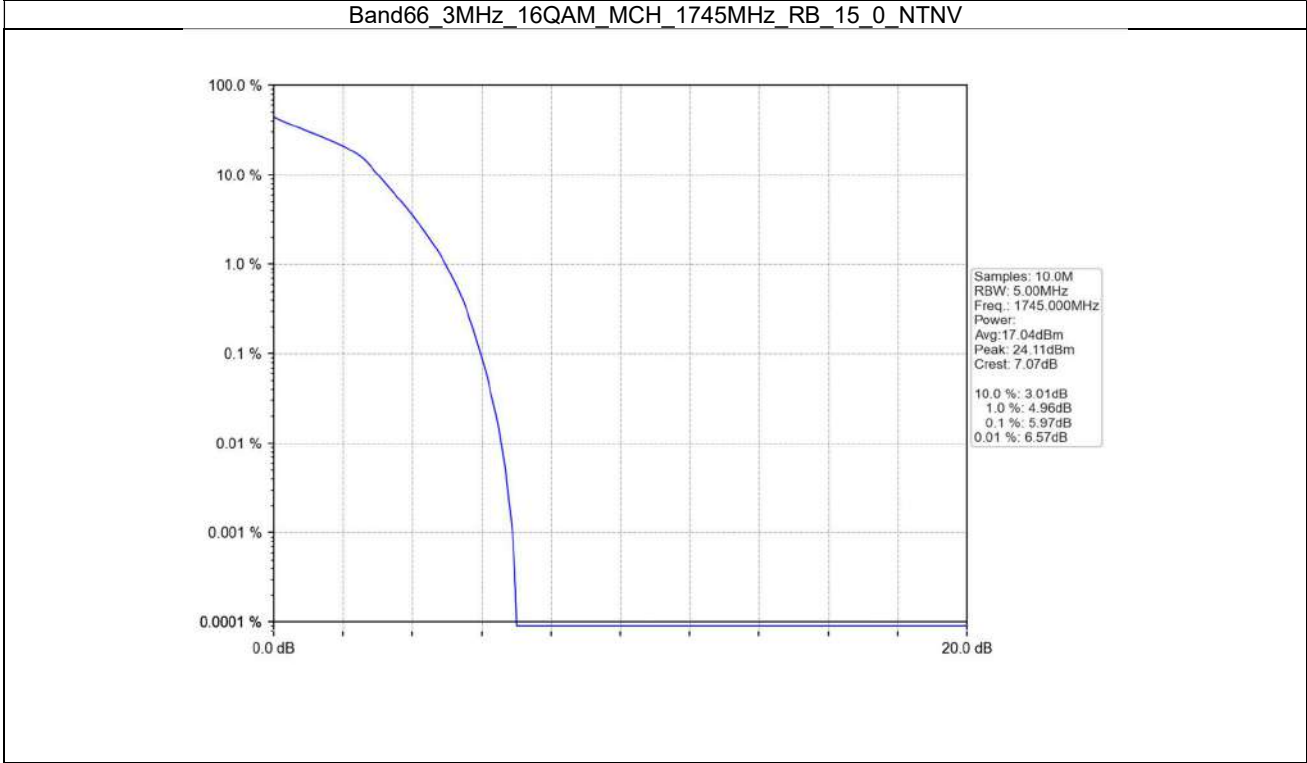


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Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

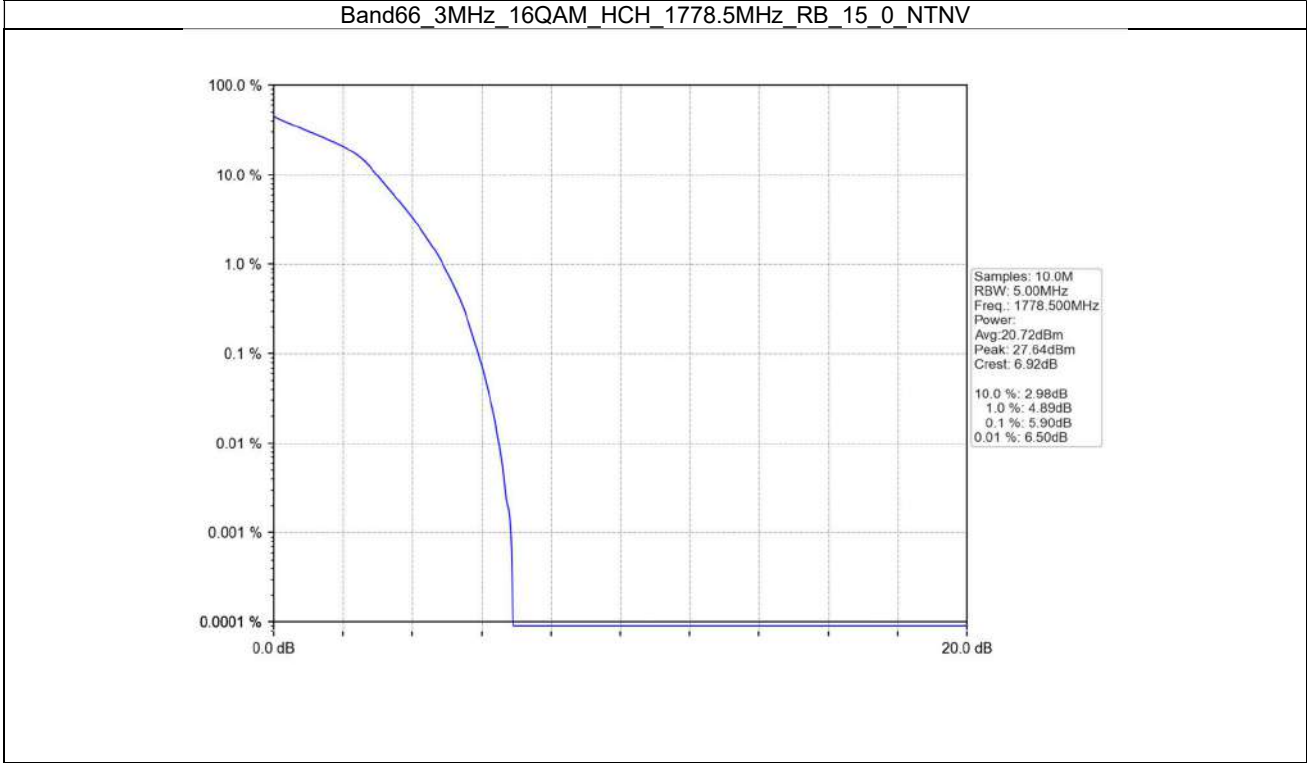


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Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



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5.3 B66_5MHz

5.3.1 Test Result

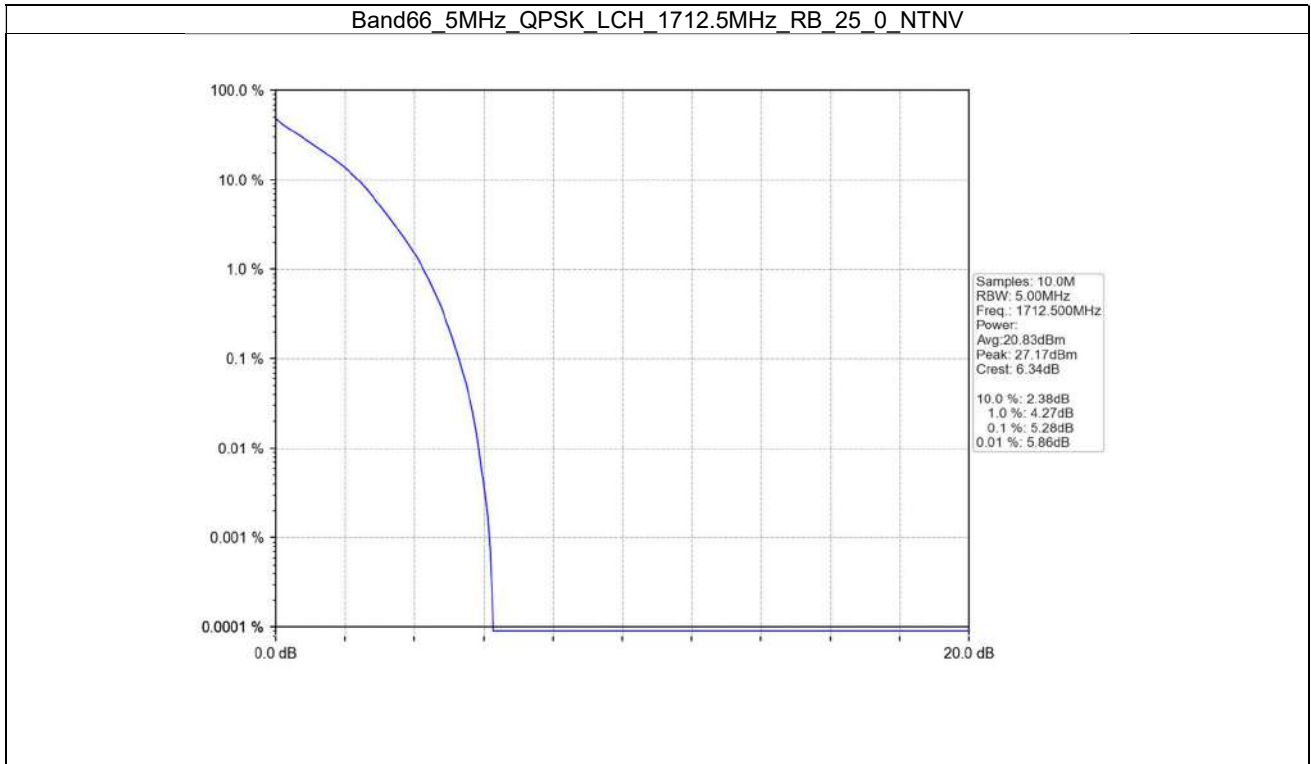
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.28	<=13	Pass
	1745	25	0	5.34	<=13	Pass
	1777.5	25	0	5.36	<=13	Pass
16QAM	1712.5	25	0	6.05	<=13	Pass
	1745	25	0	6.07	<=13	Pass
	1777.5	25	0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



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5.3.2 Test Graph

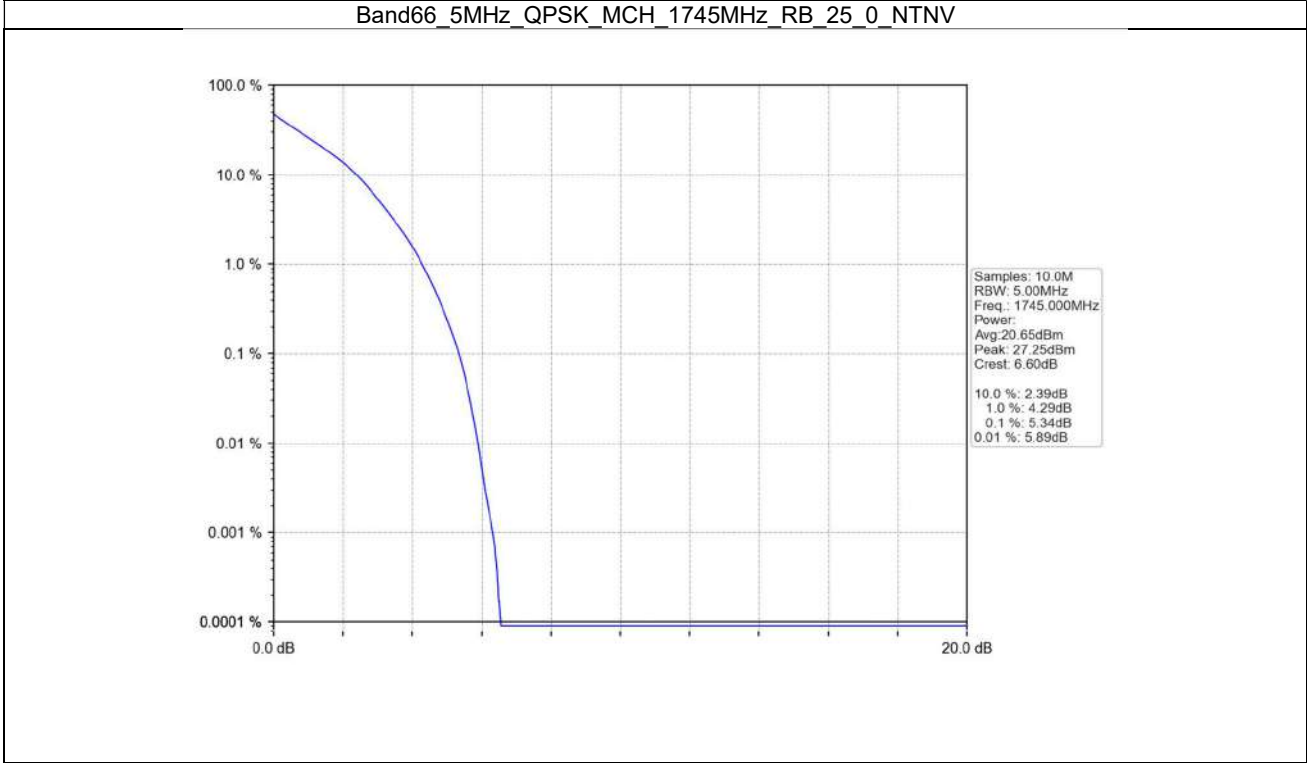


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Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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



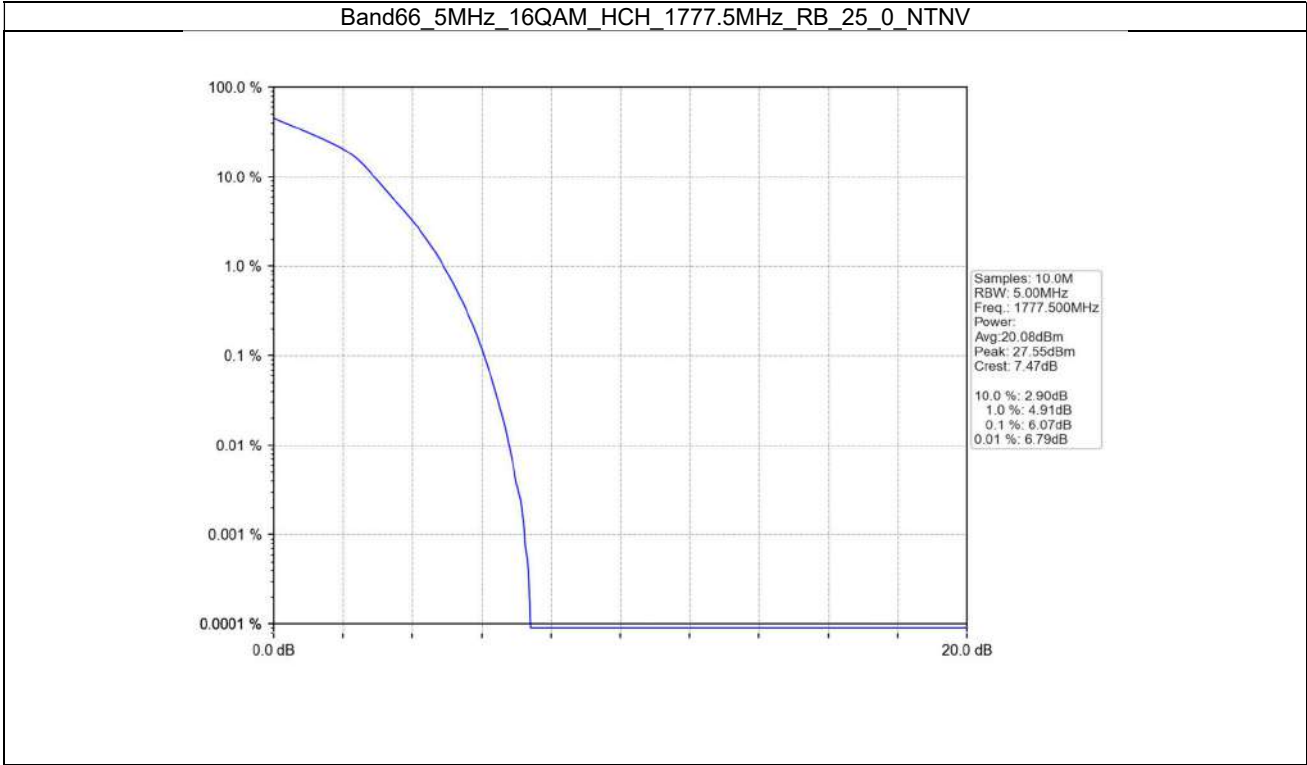
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5.4 B66_10MHz

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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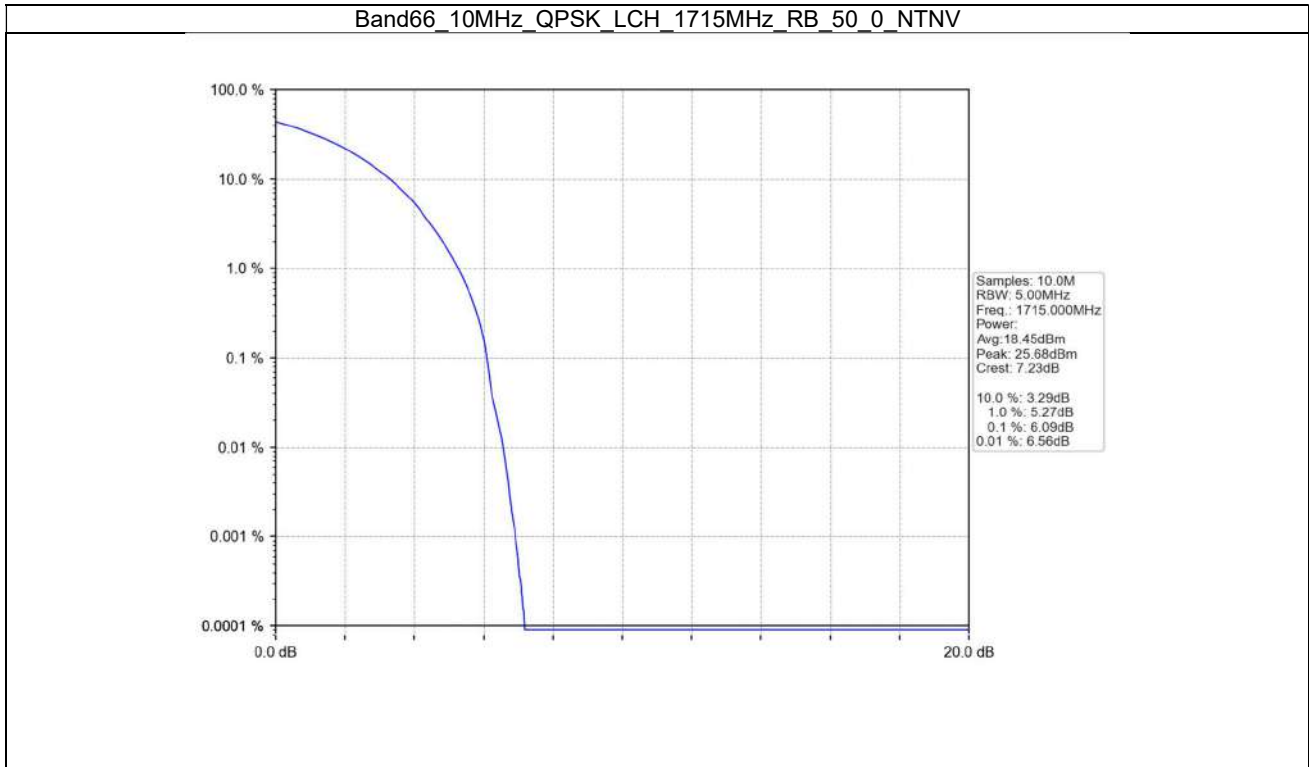
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5.4.2 Test Graph

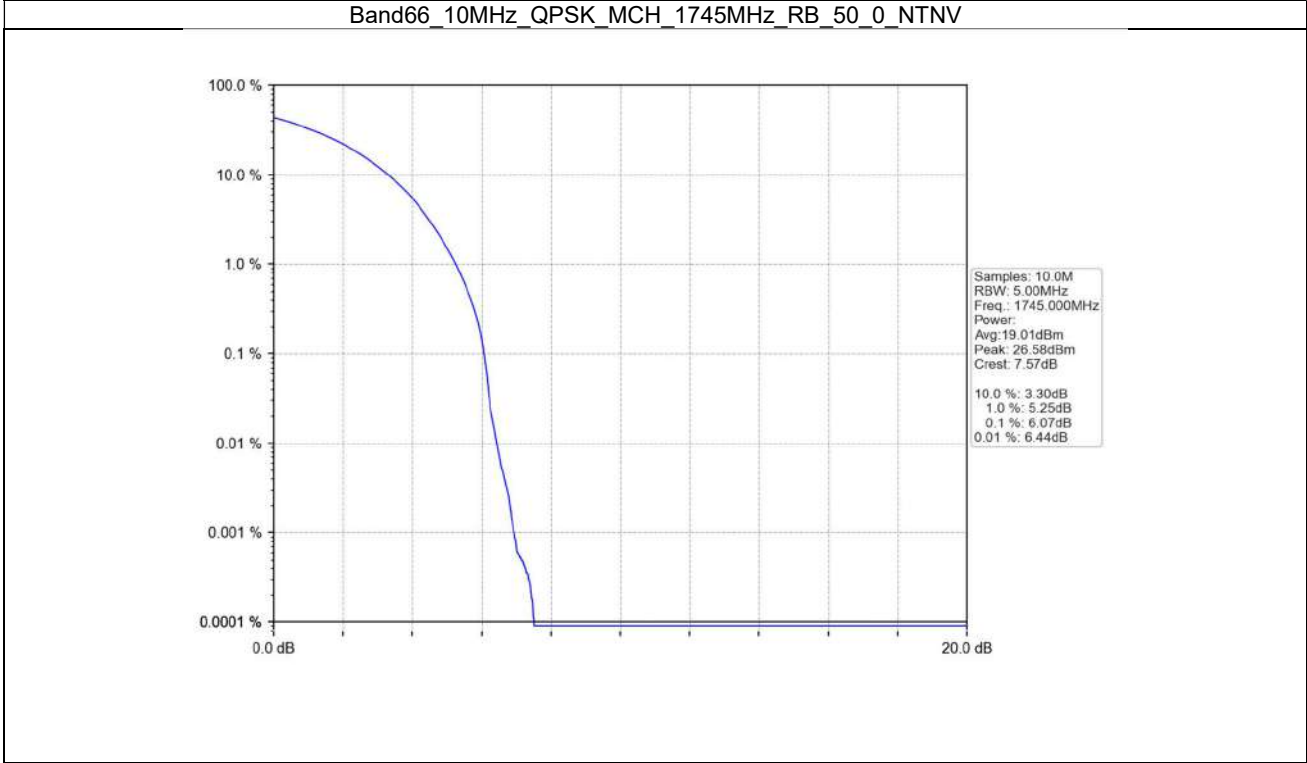


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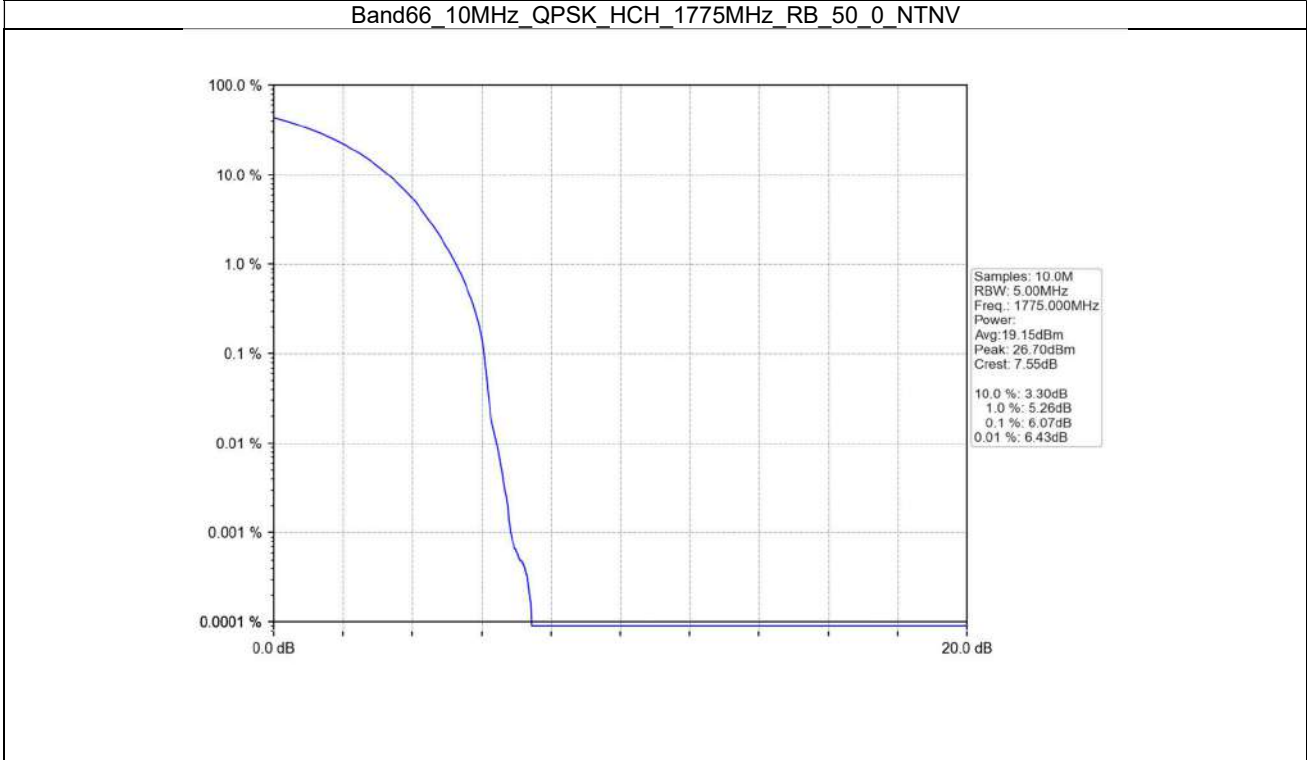


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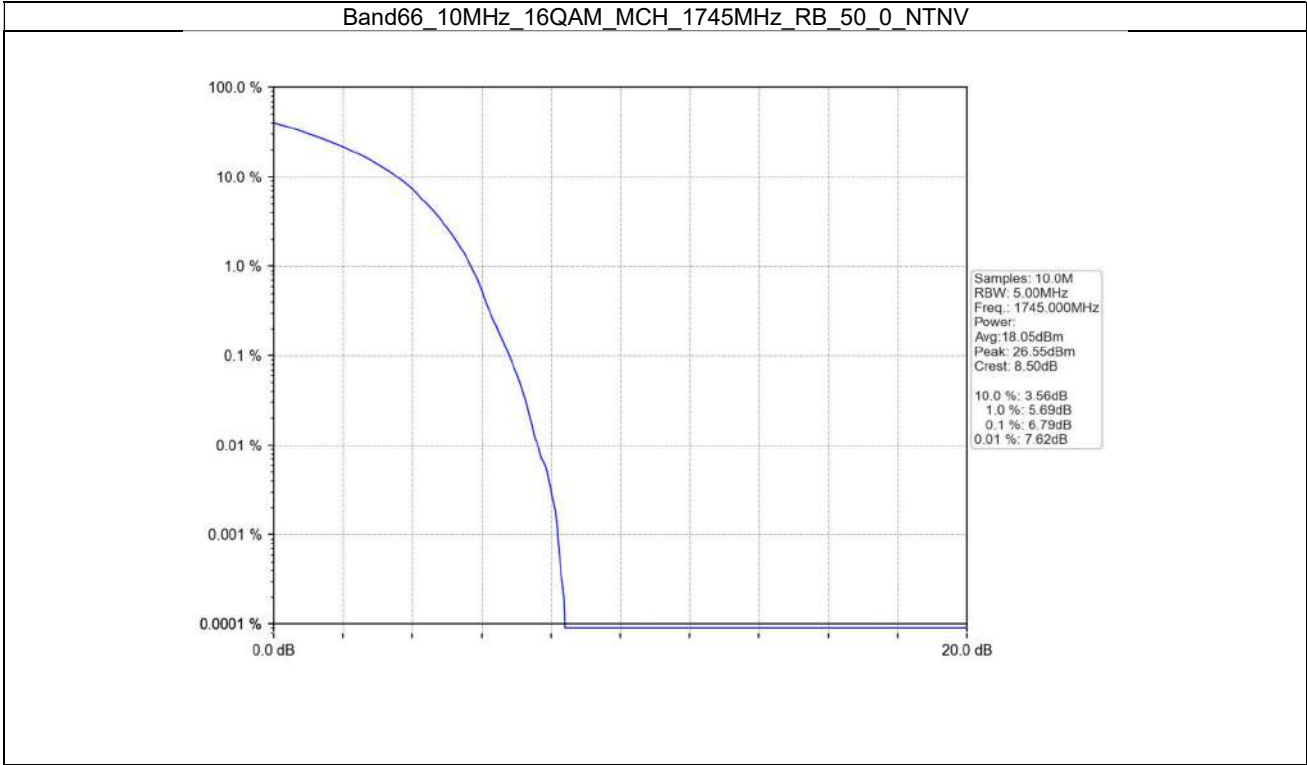
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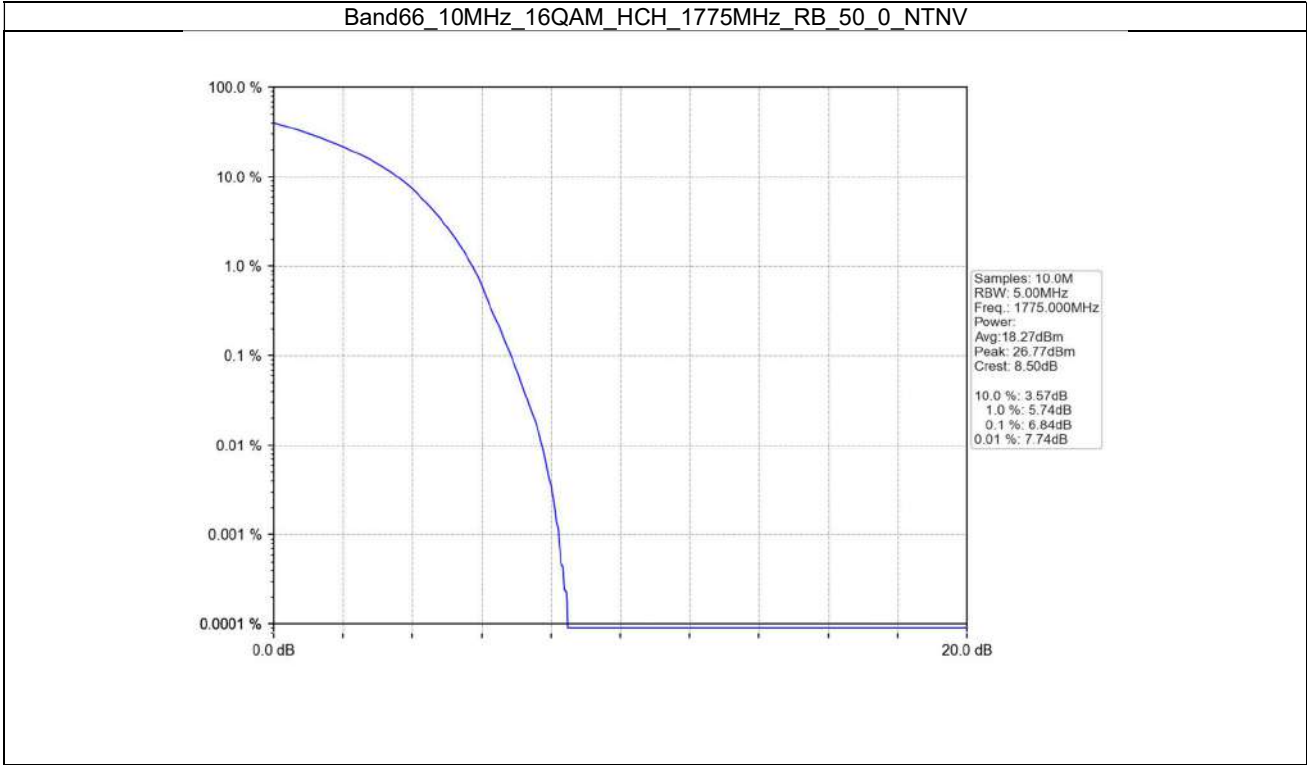
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5.5 B66_15MHz

5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV						
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



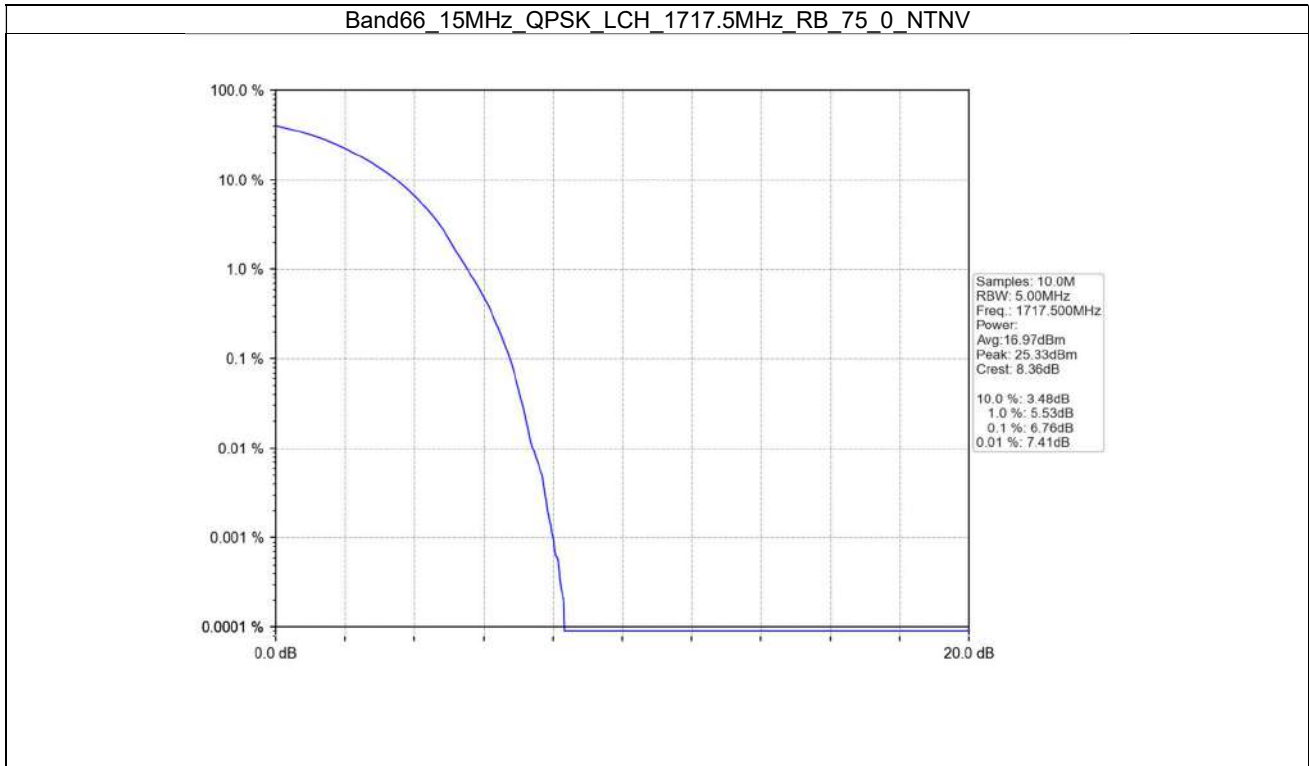
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5.5.2 Test Graph



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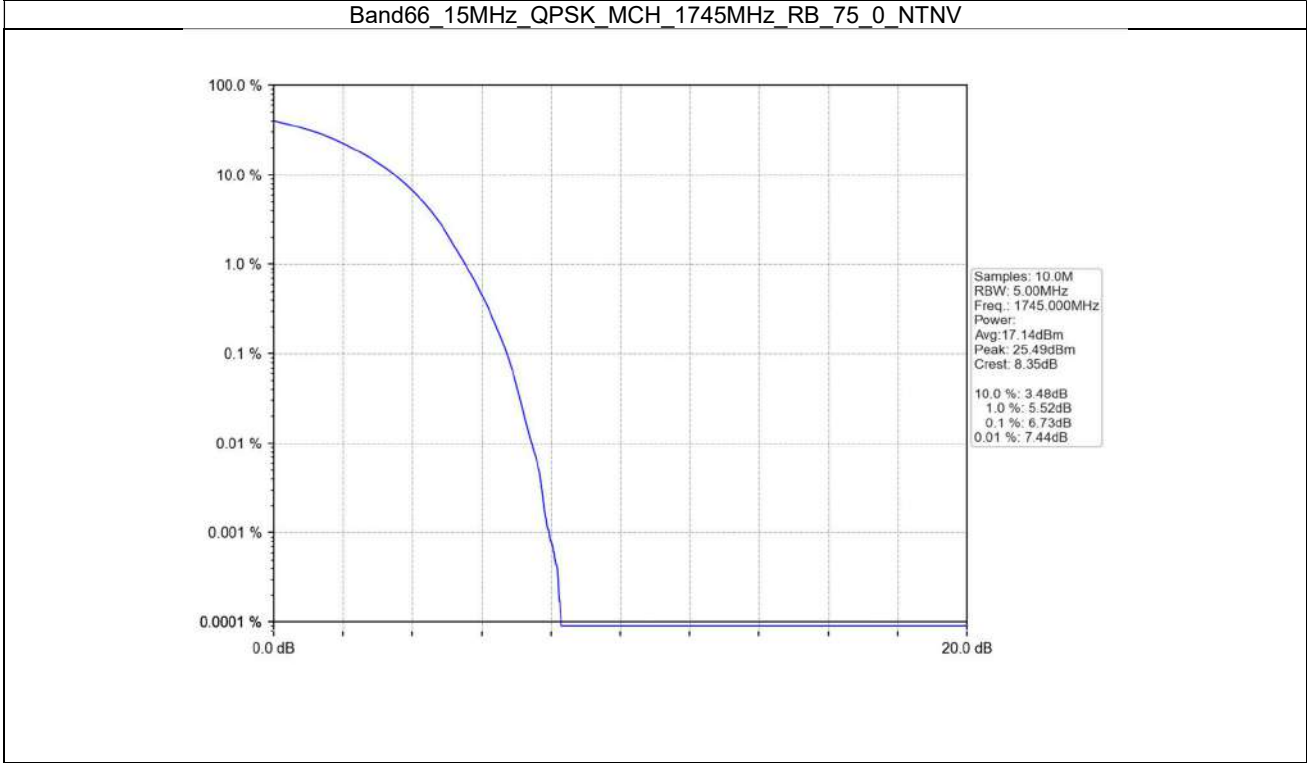
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Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

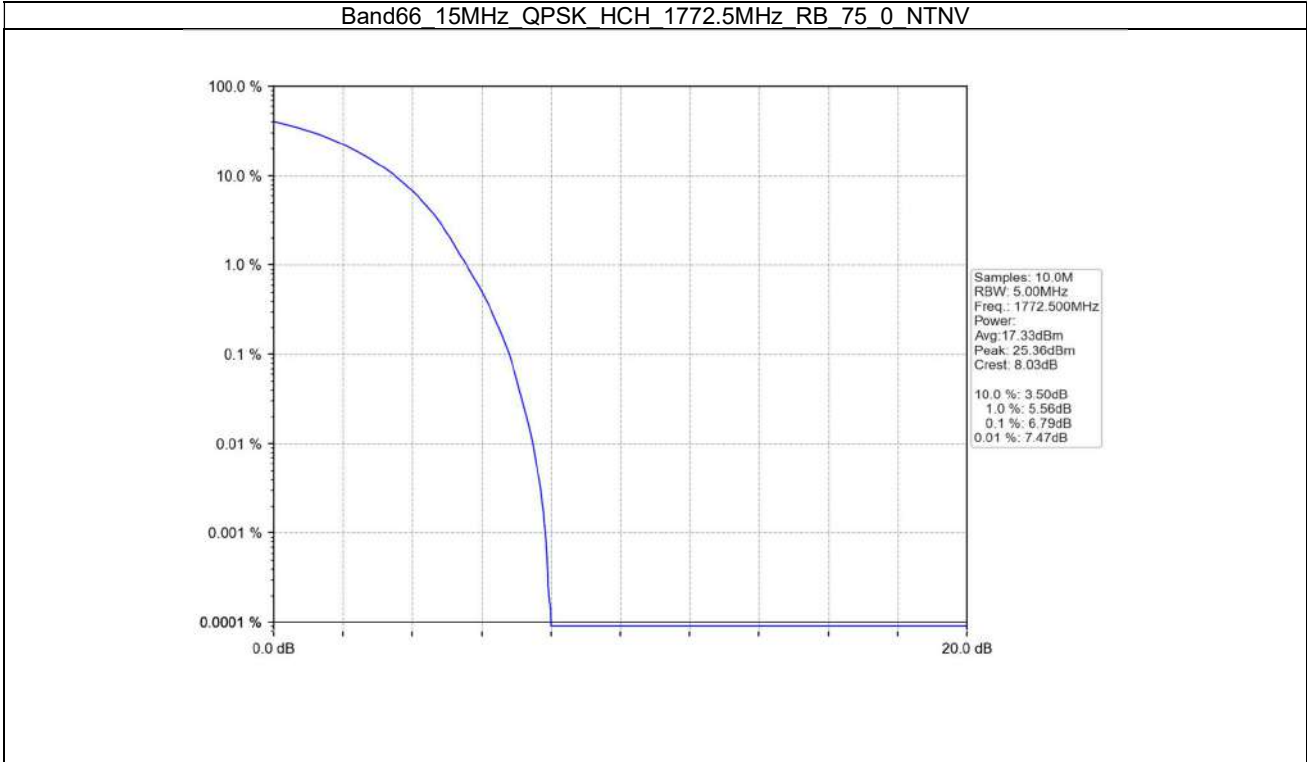


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Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTV



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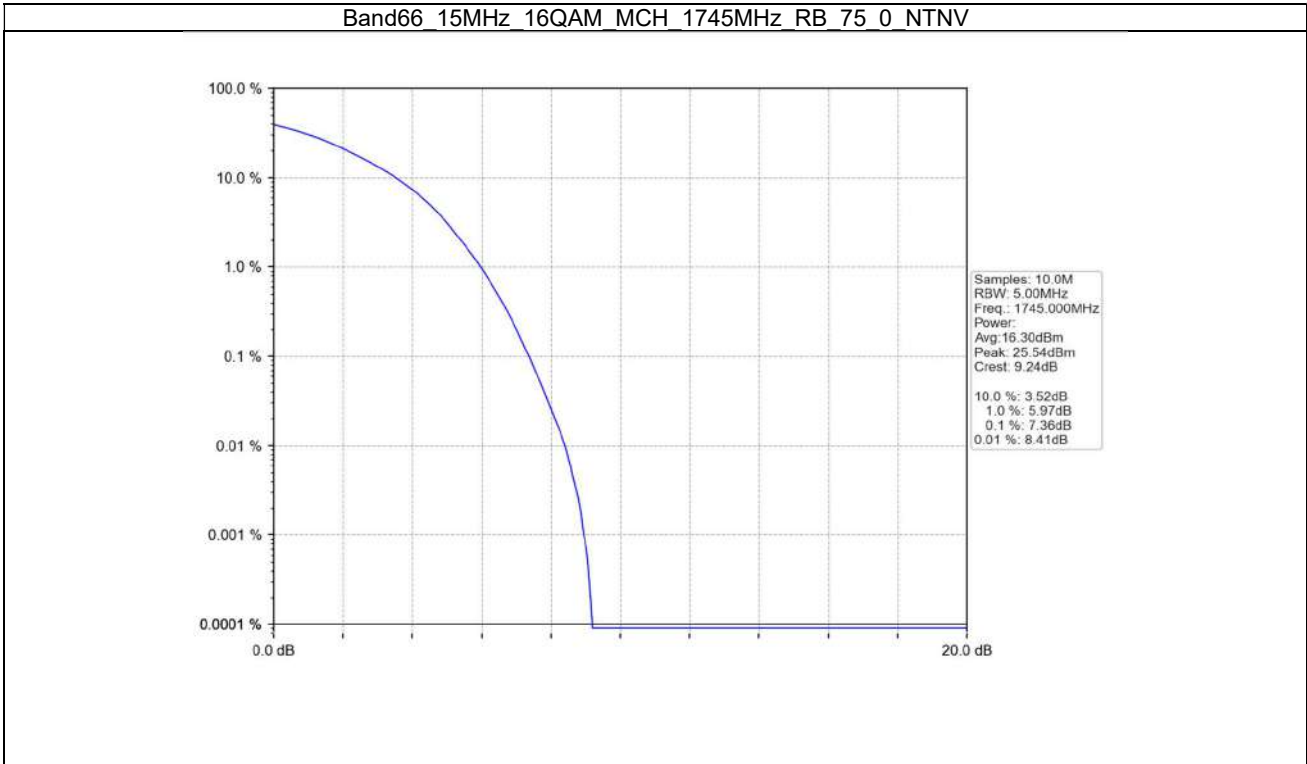
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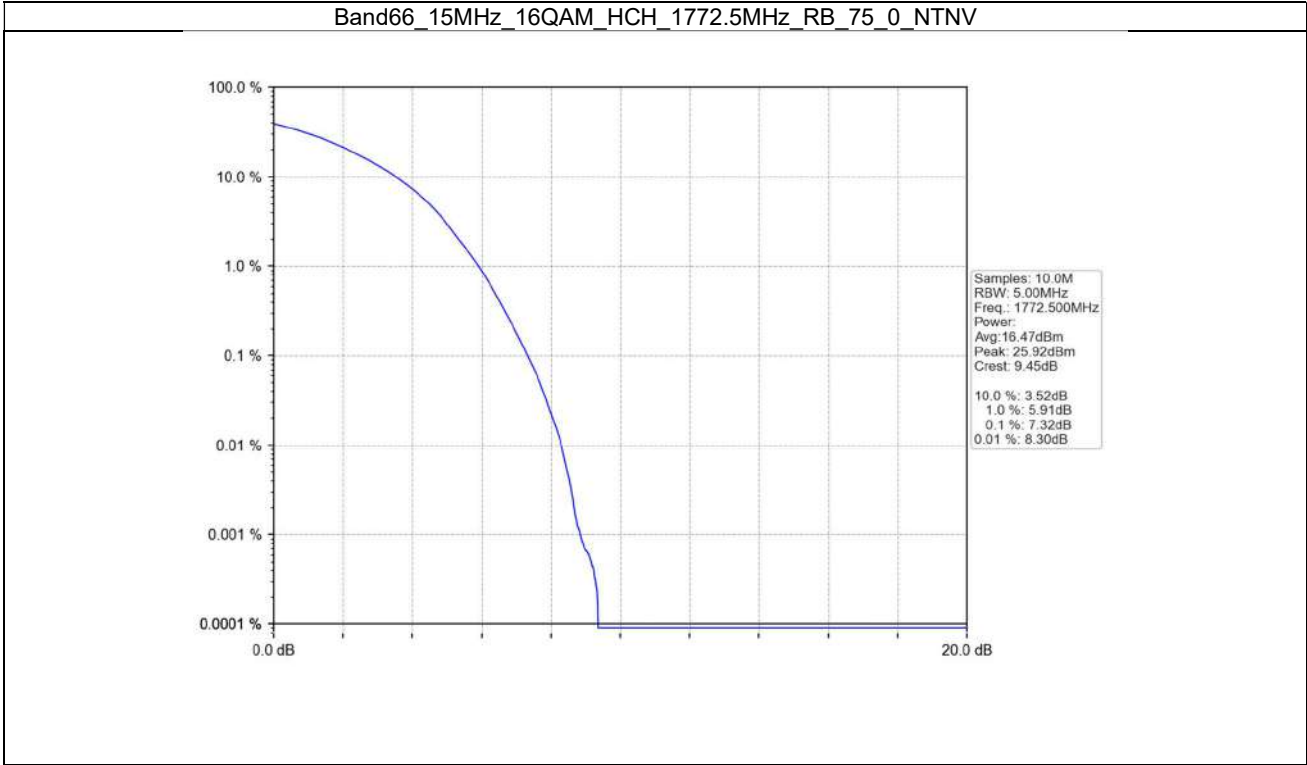
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5.6 B66_20MHz

5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTN						
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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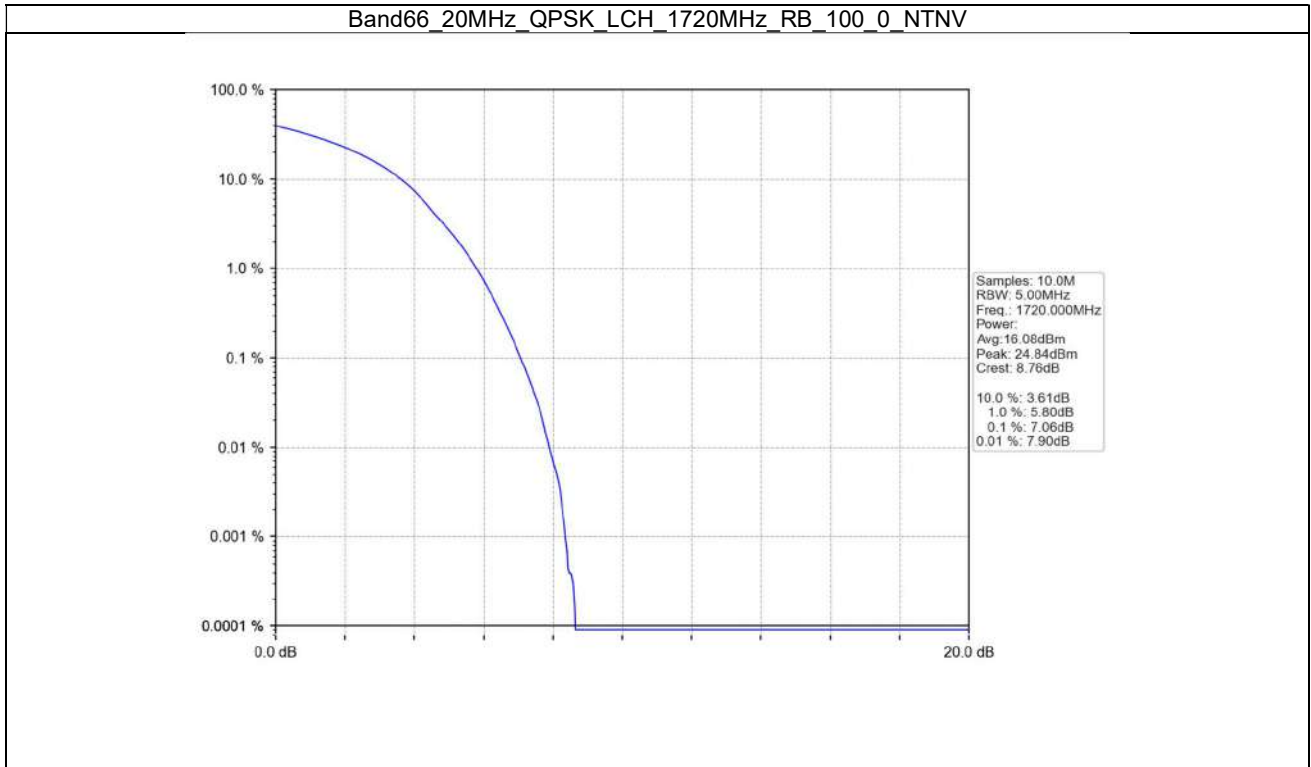
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5.6.2 Test Graph



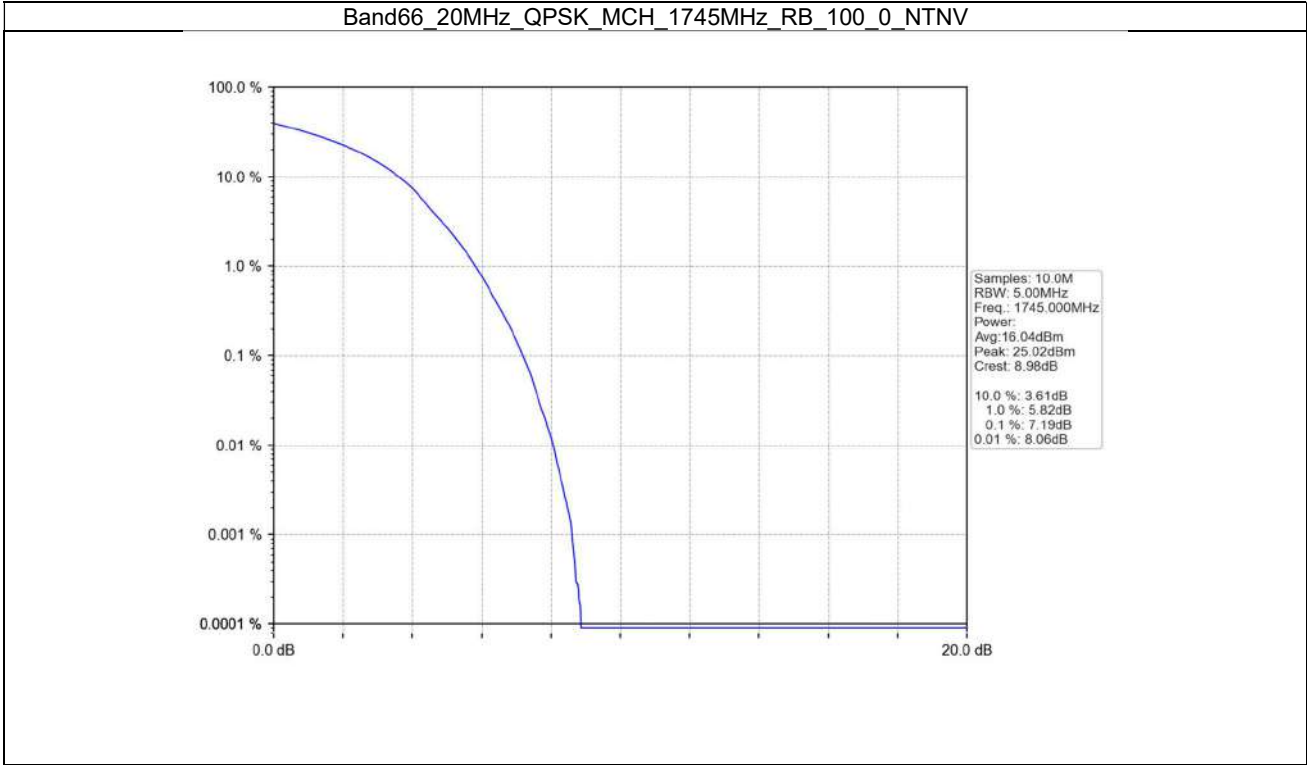
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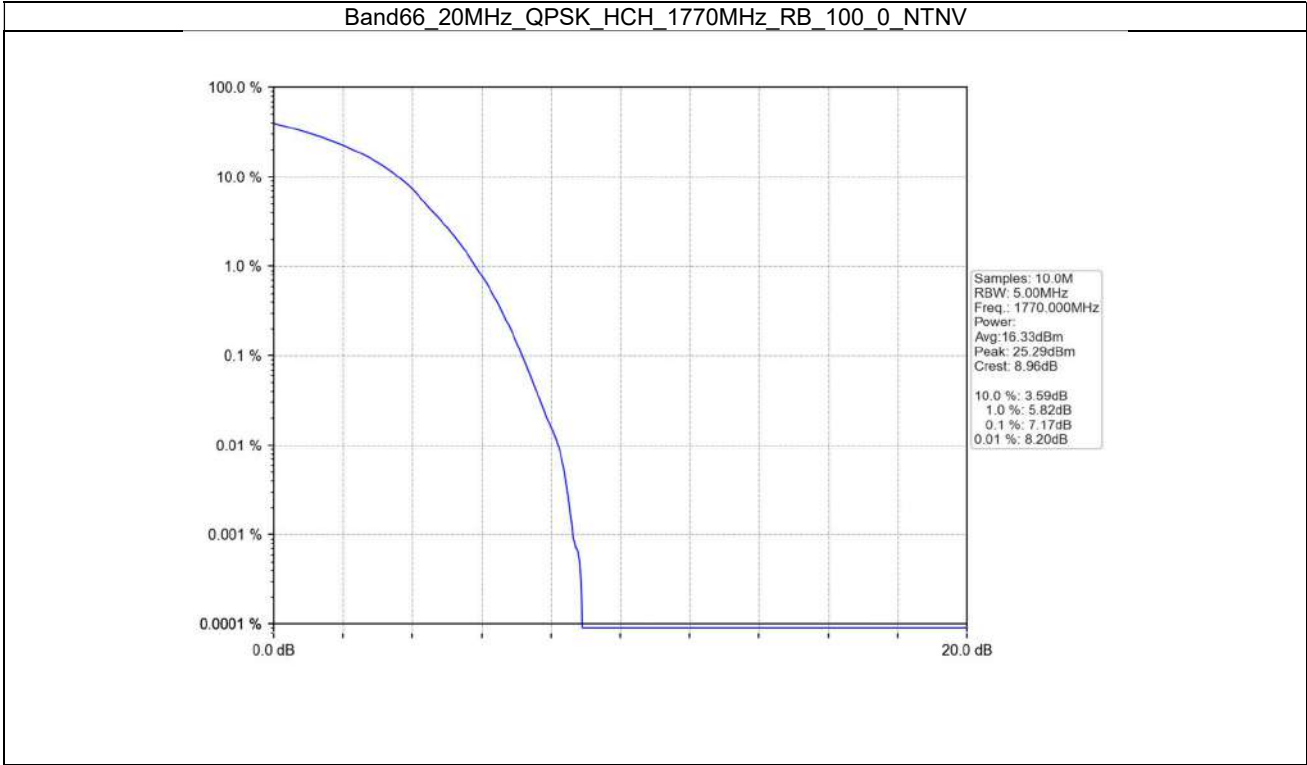
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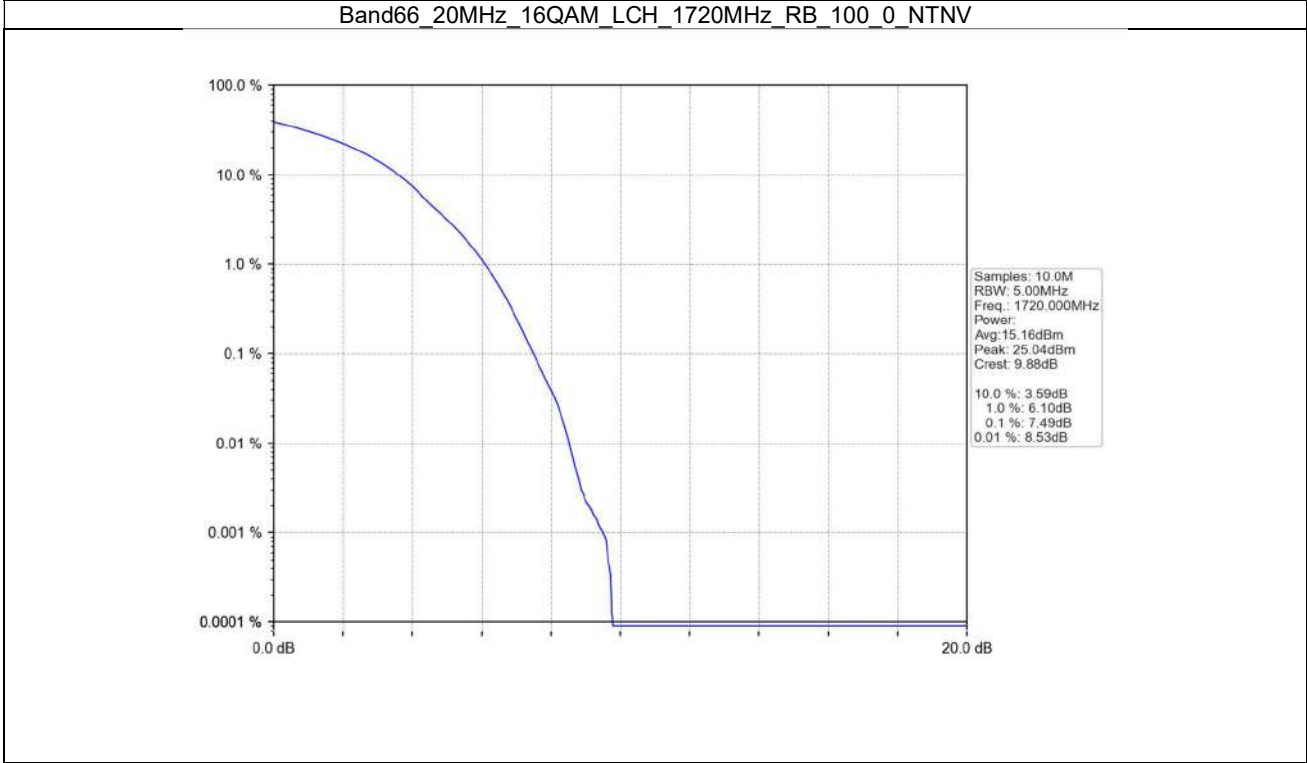


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Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

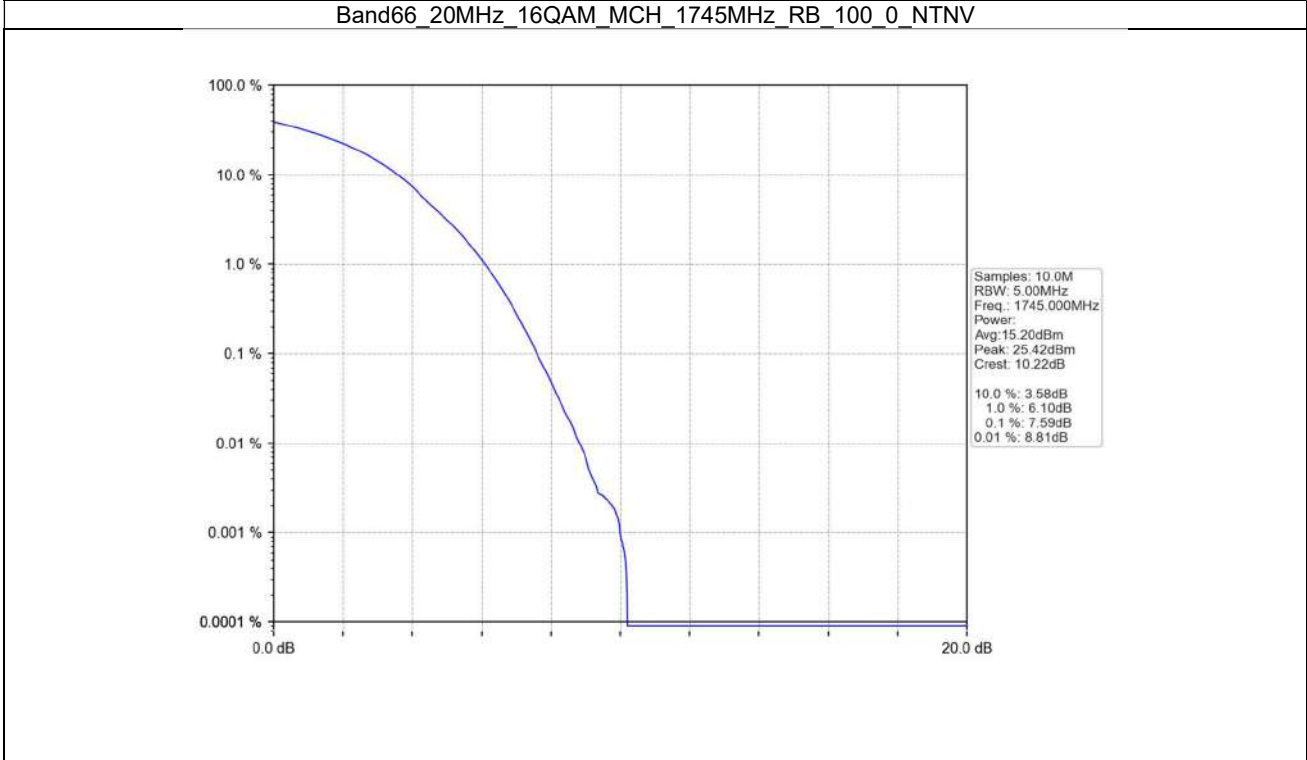


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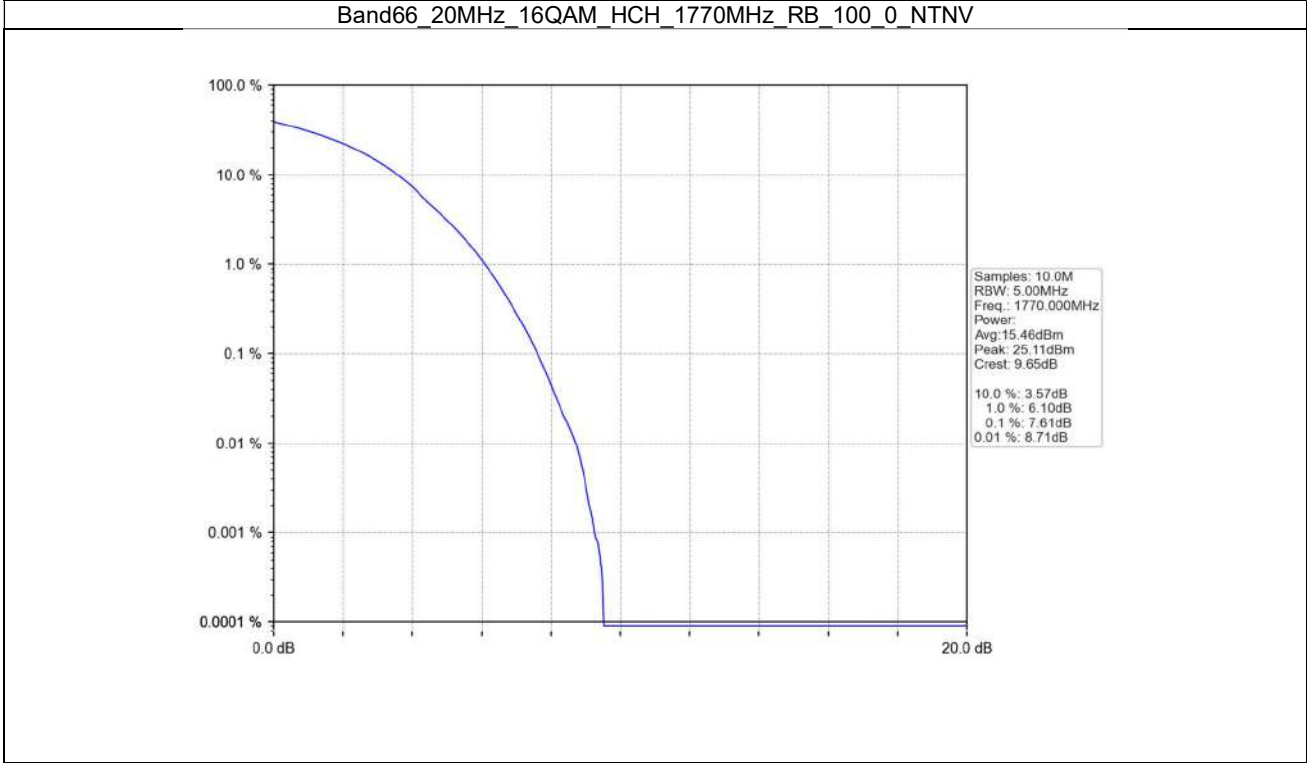
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6. Spurious Emission

6.1 B66_1.4MHz

6.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
	1745	1	0	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
	1779.3	1	0	Refer To Test Graph	Pass	
		6	5	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	
		6	0	Refer To Test Graph	Pass	
	1779.3	1	0	Refer To Test Graph	Pass	
		6	5	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.



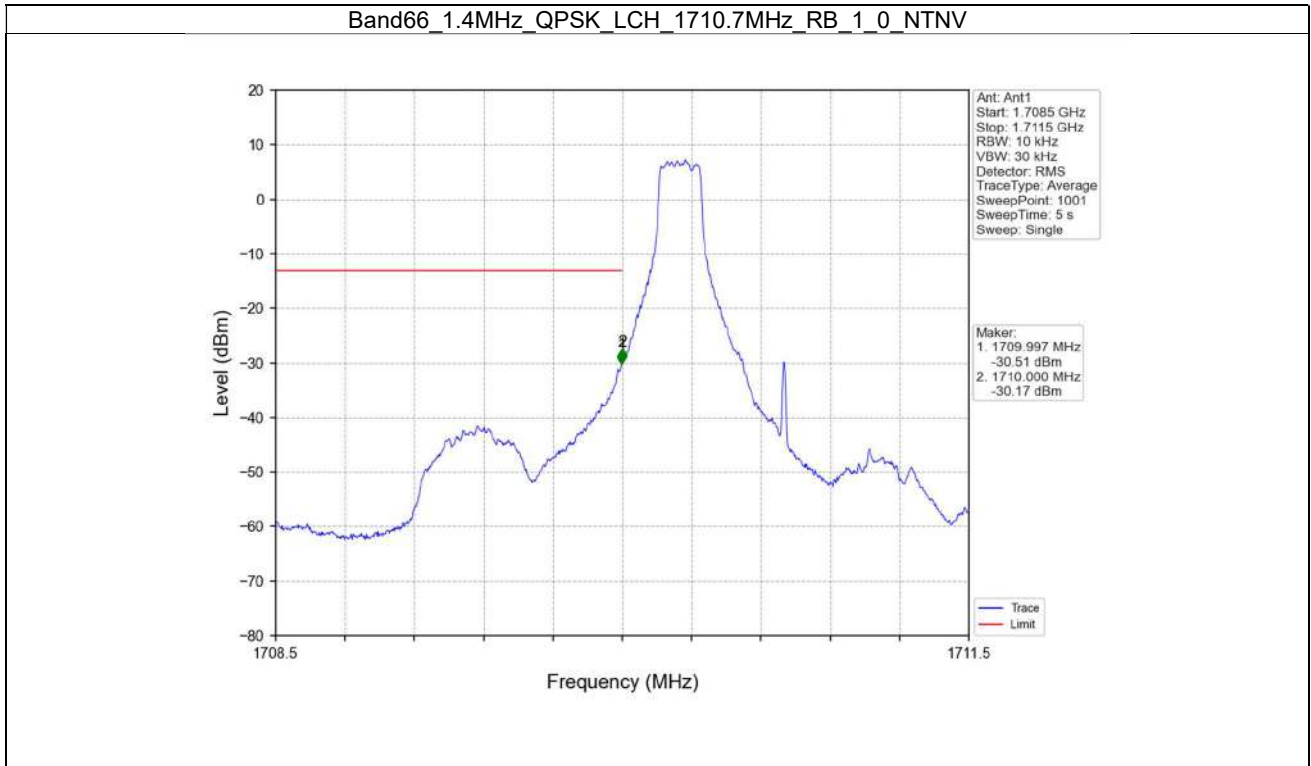
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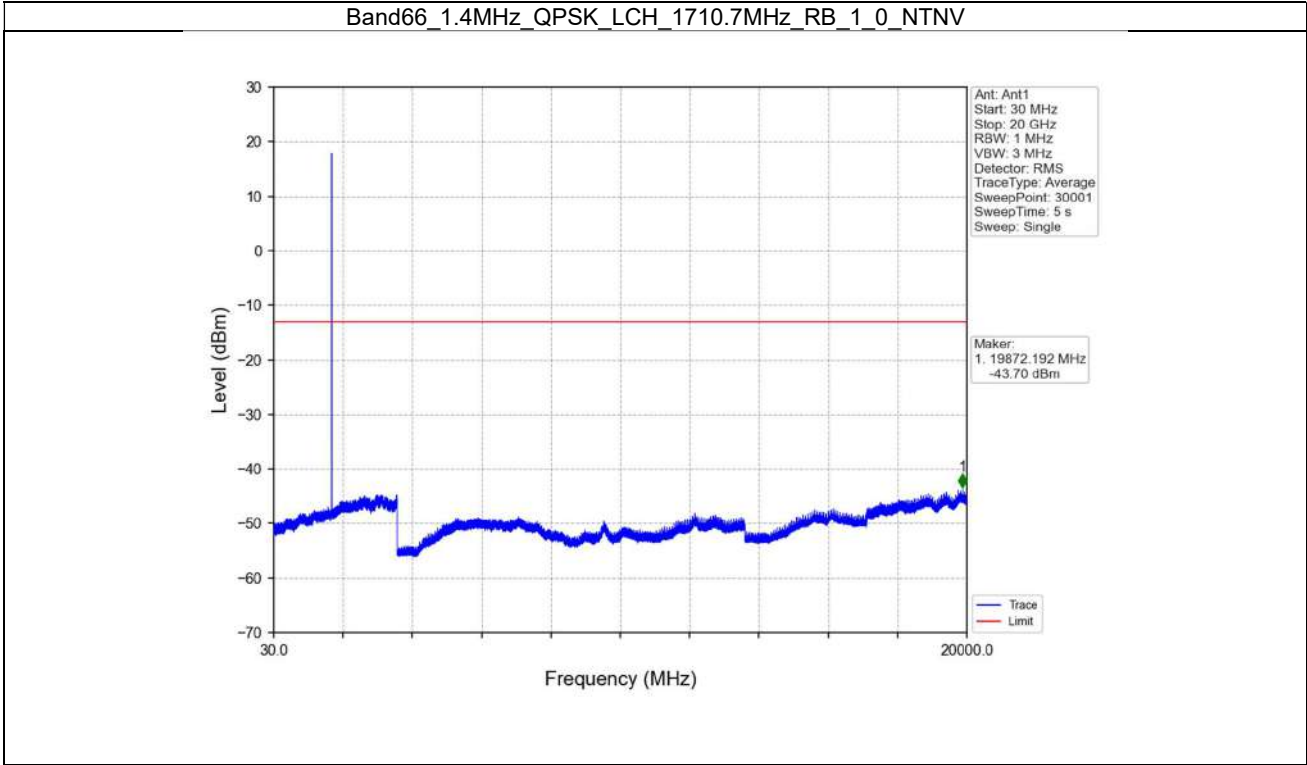
6.1.2 Test Graph



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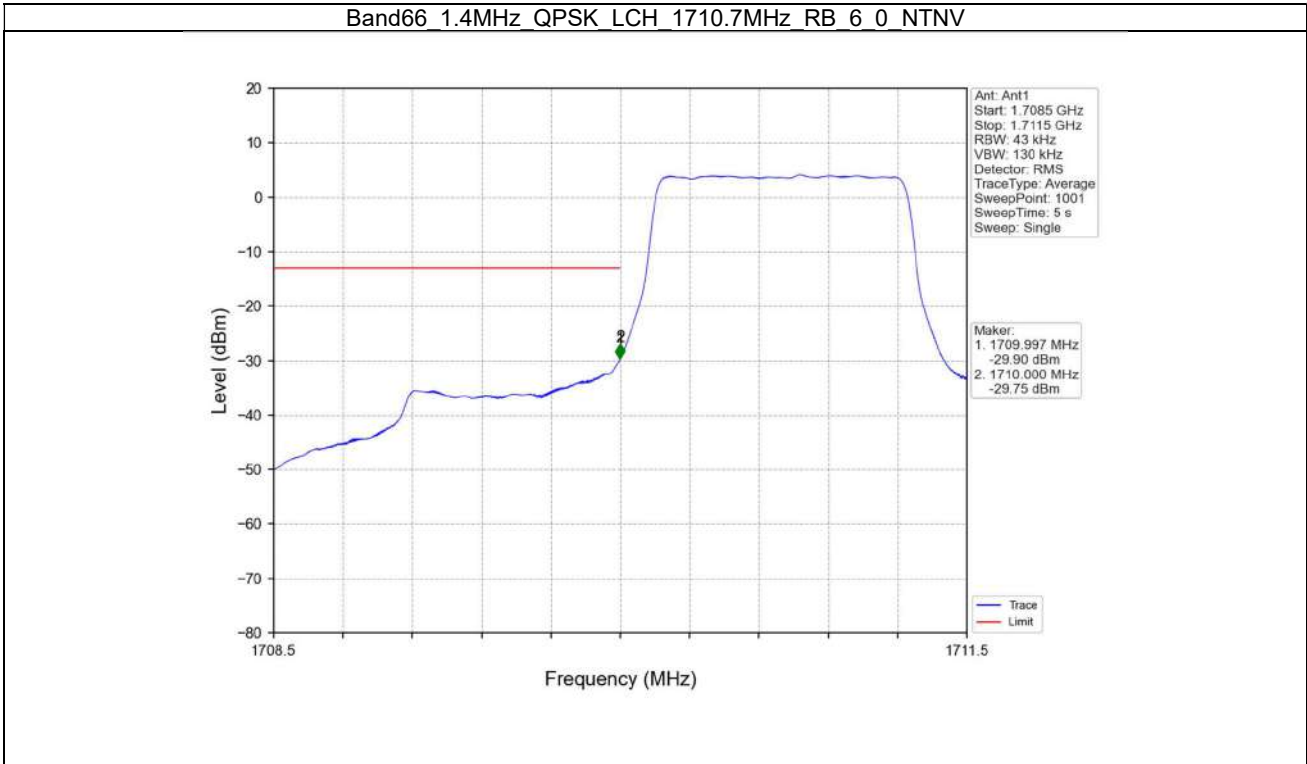
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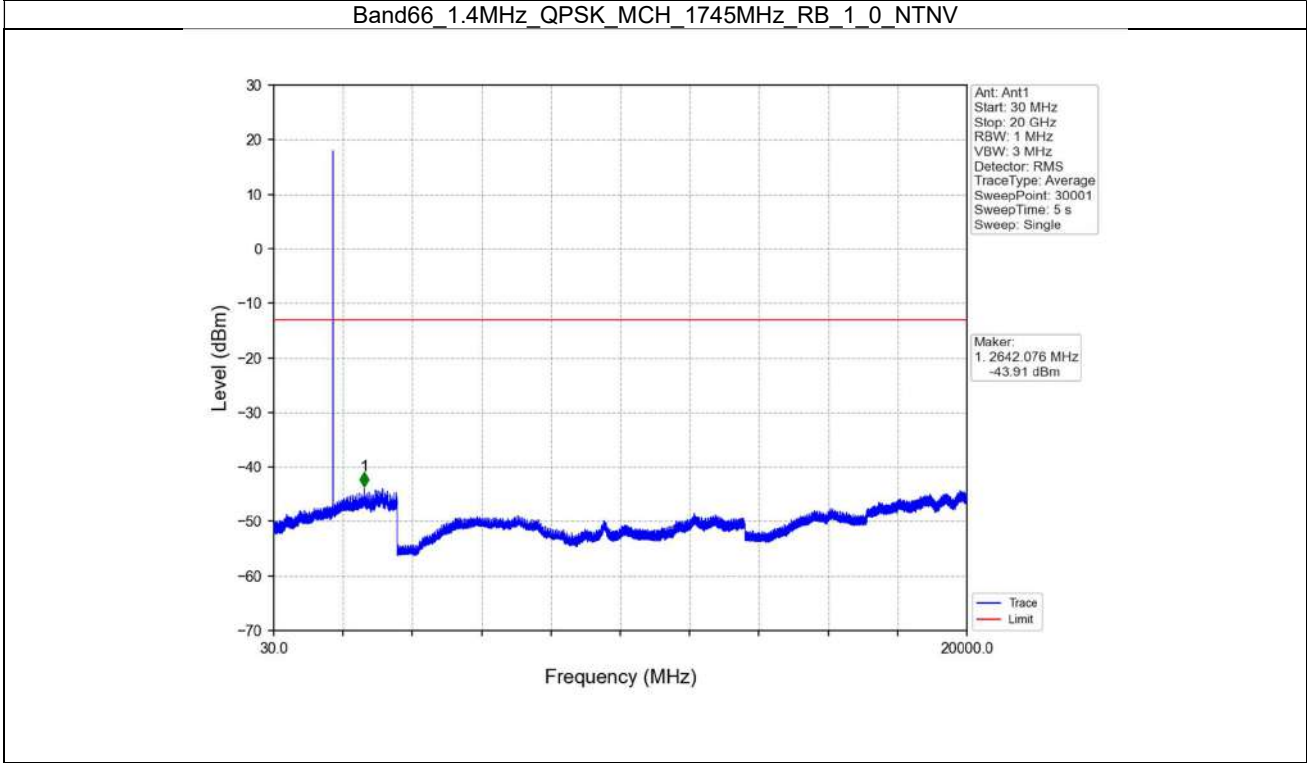


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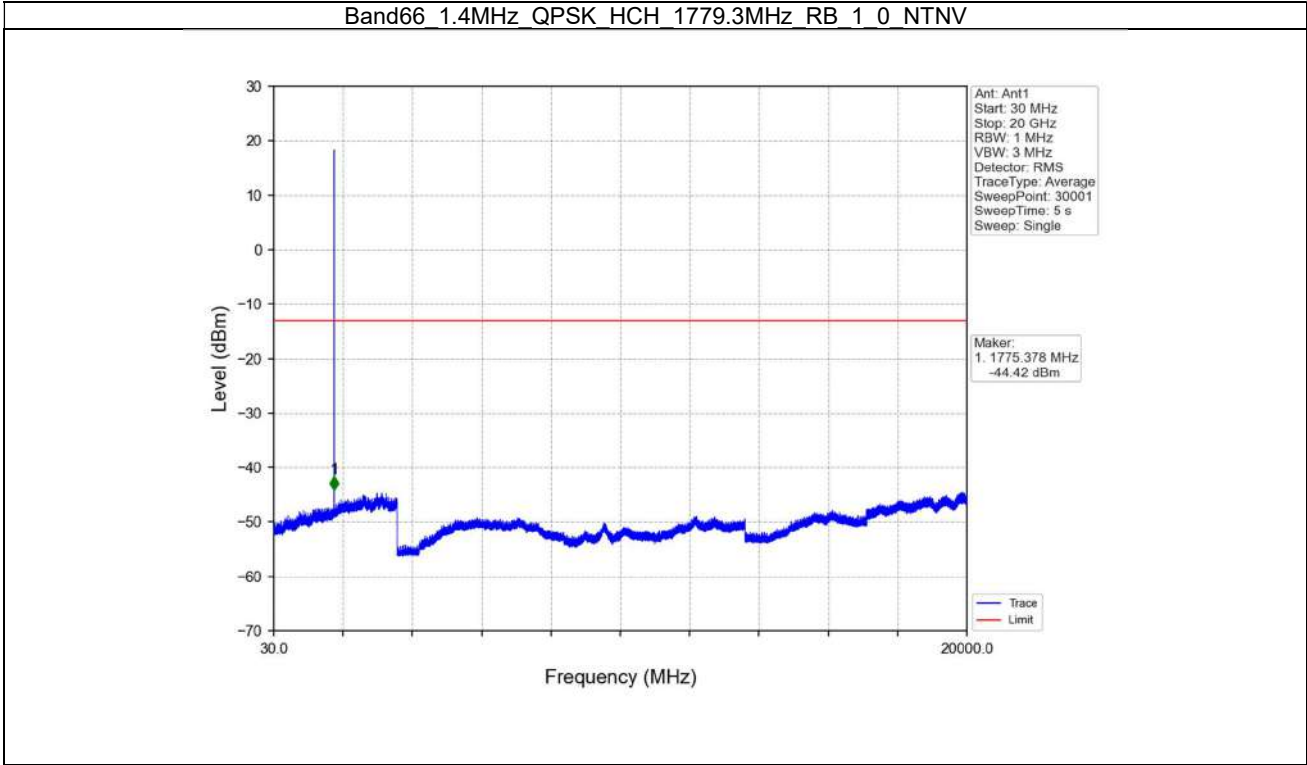


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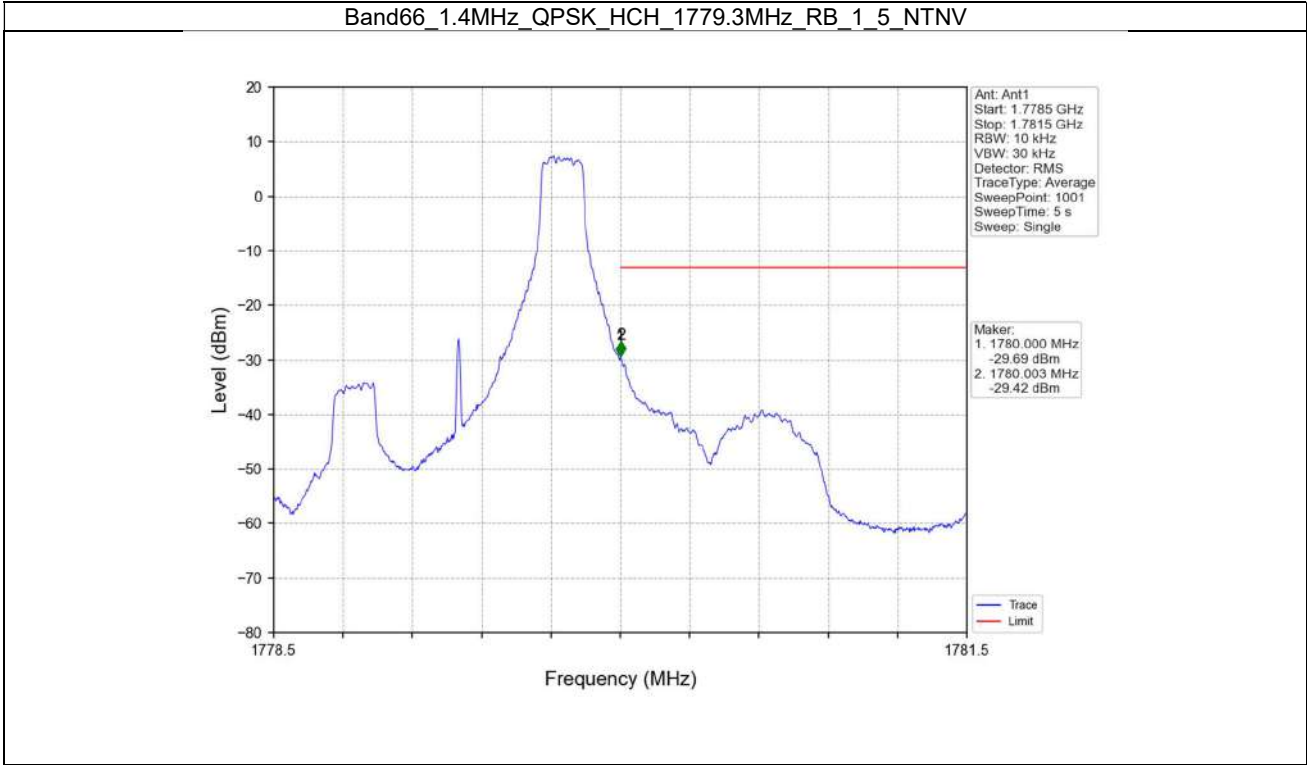
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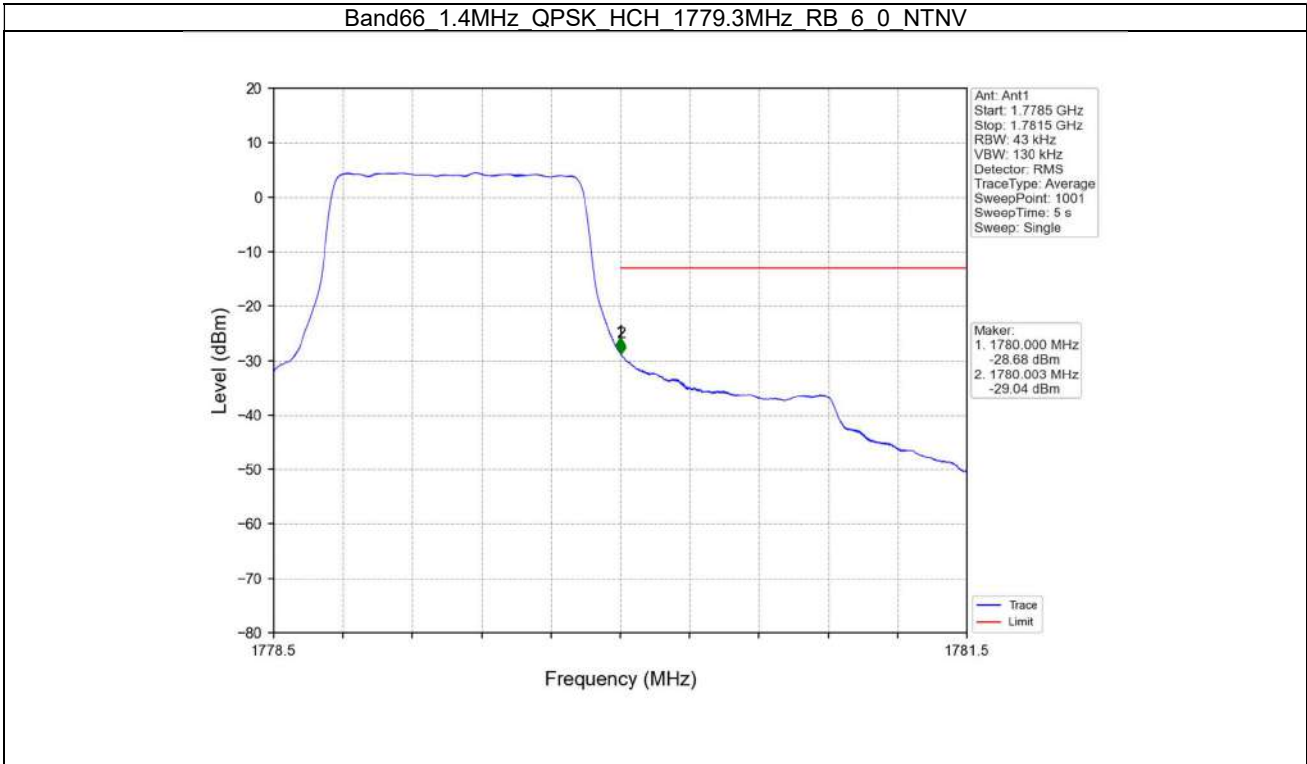
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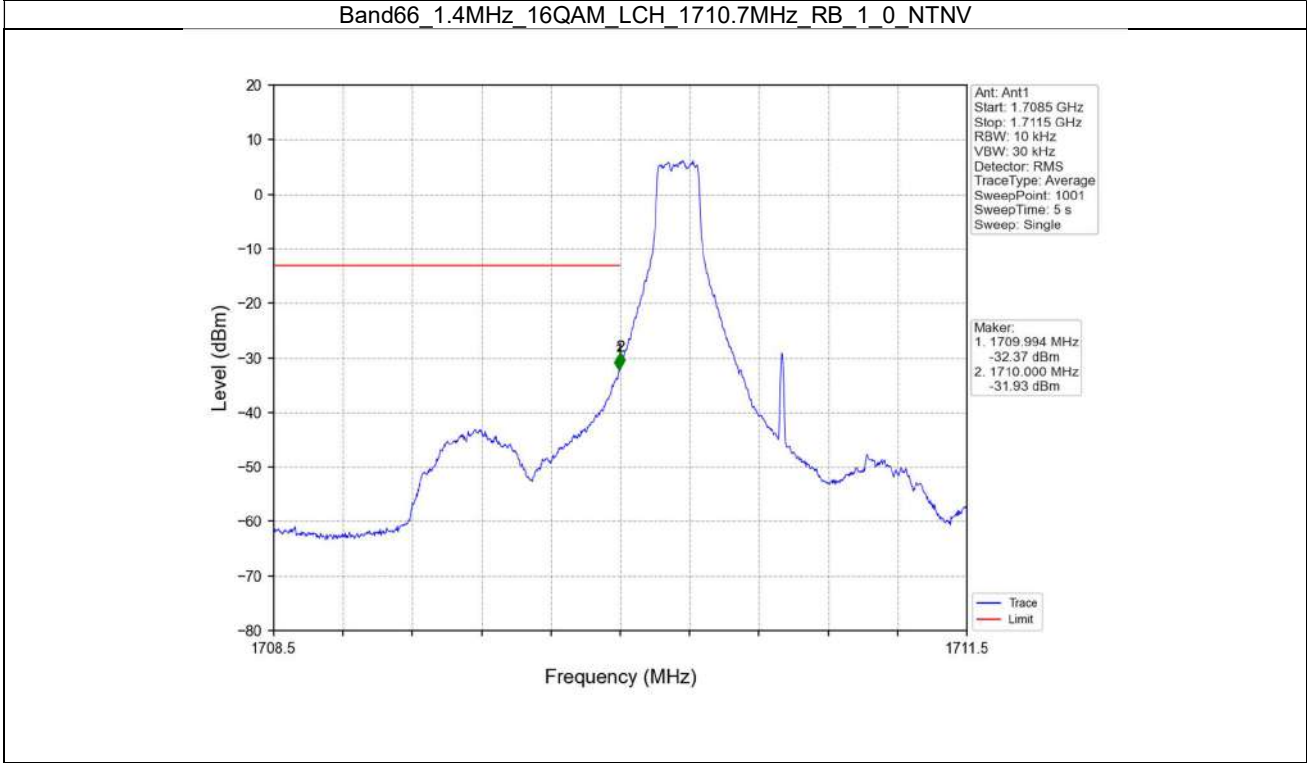


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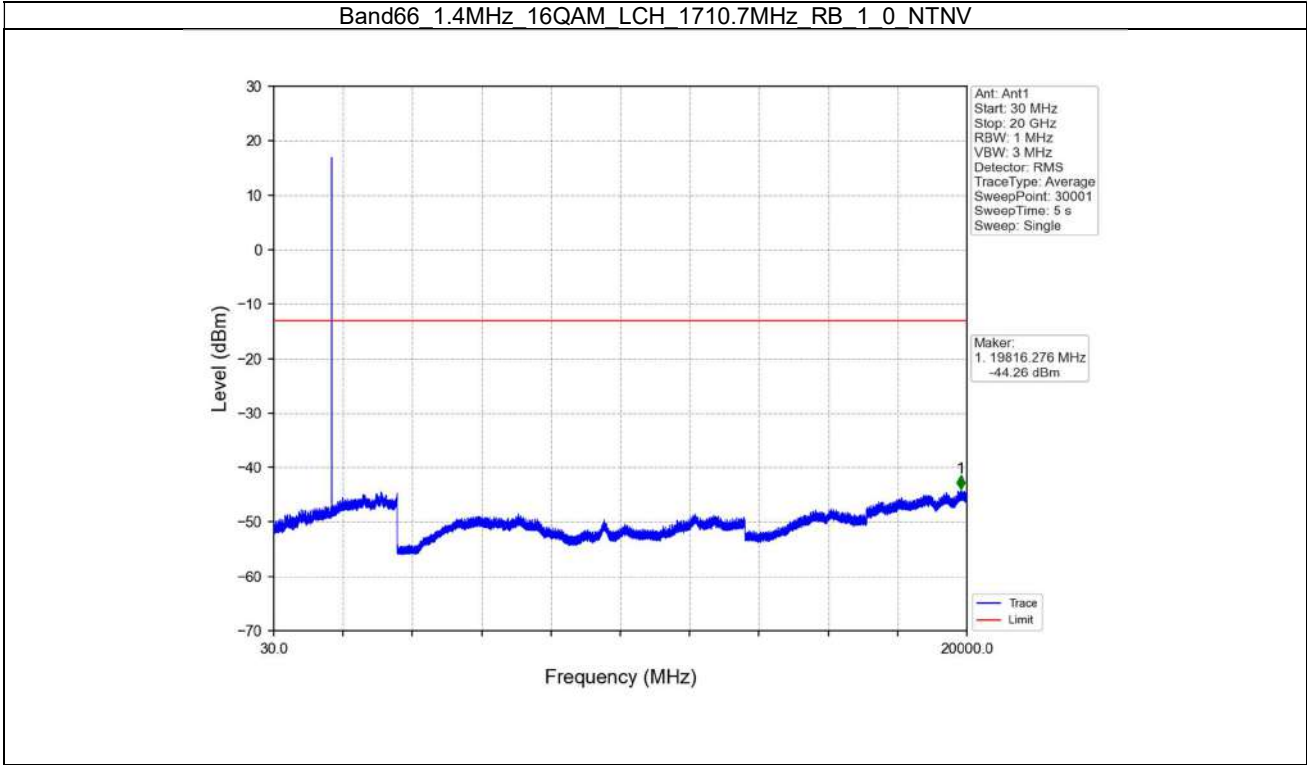
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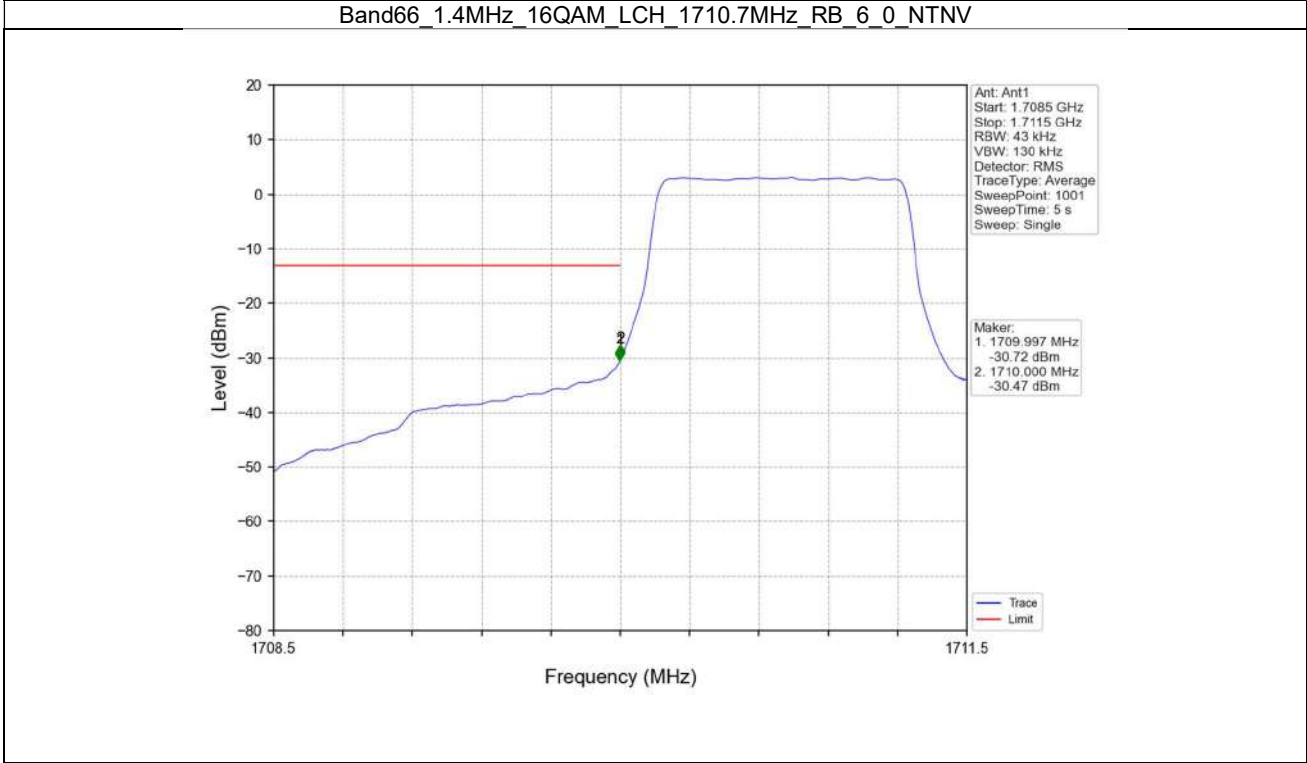


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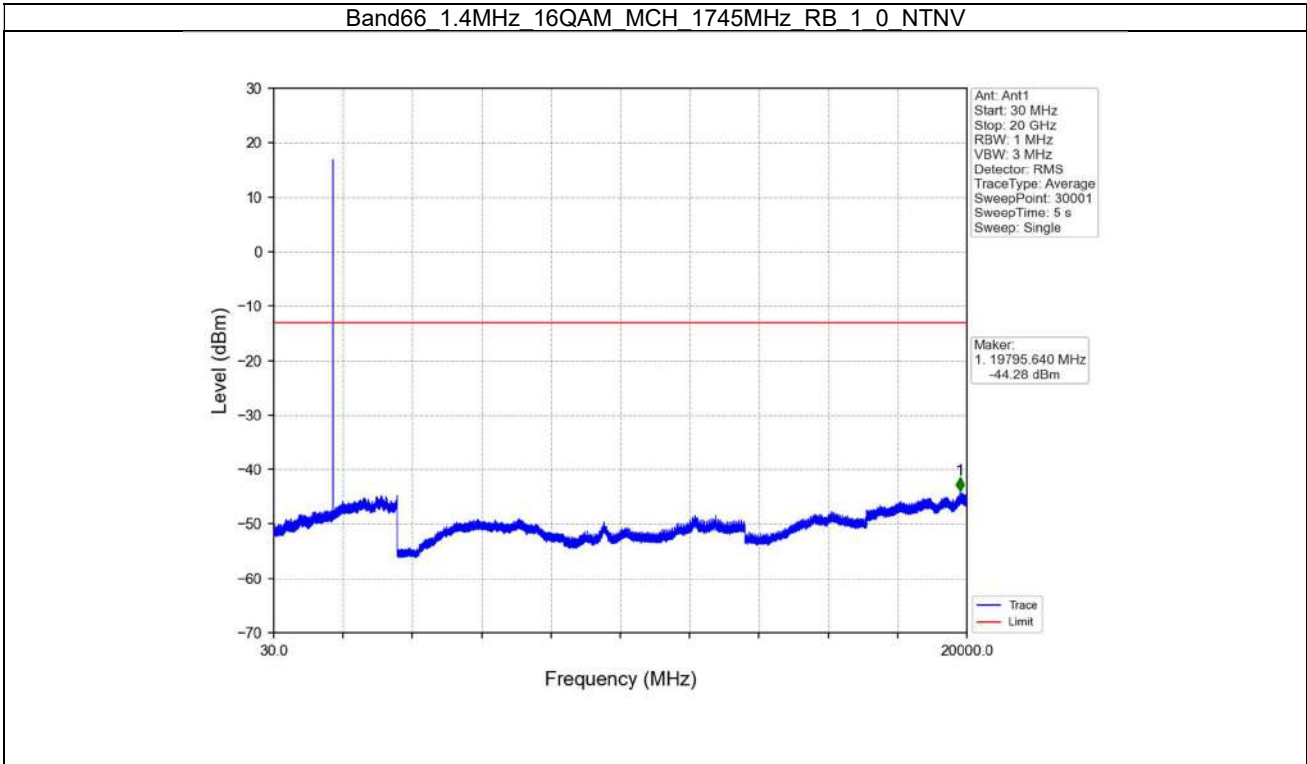


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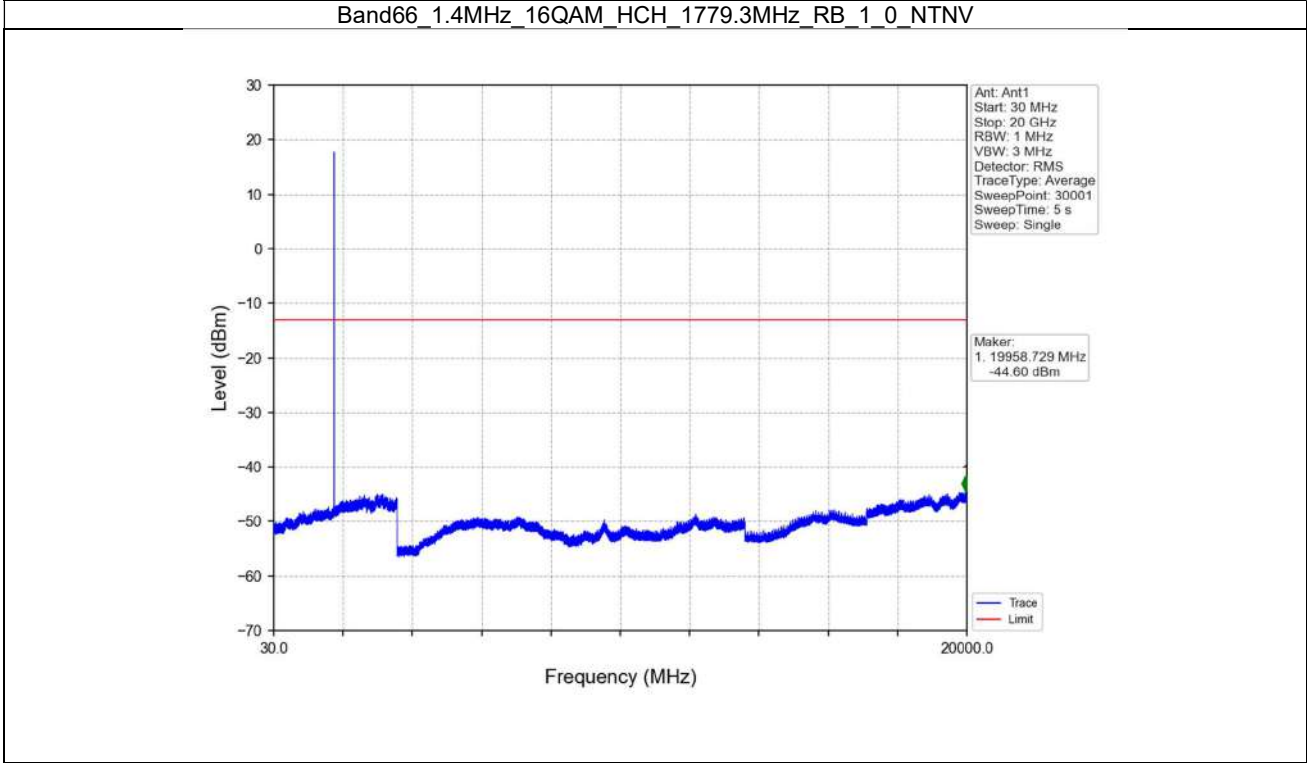


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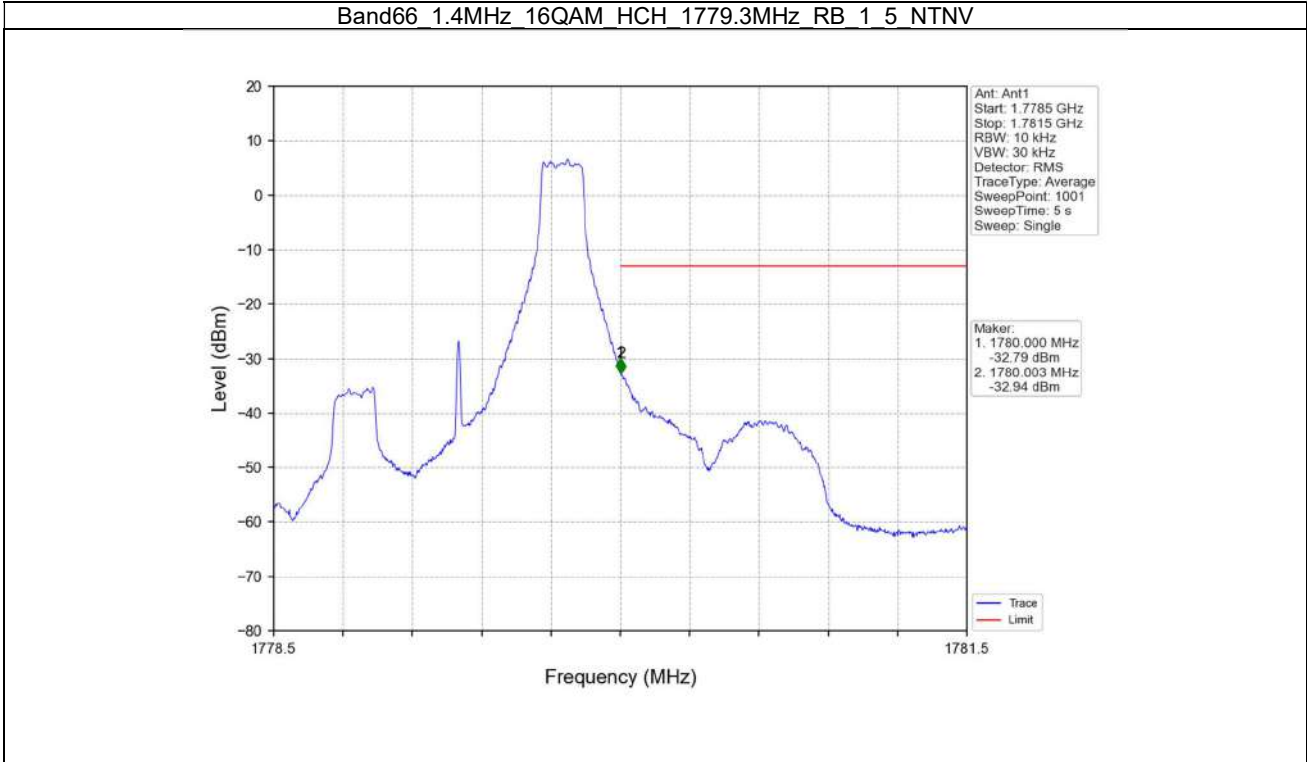
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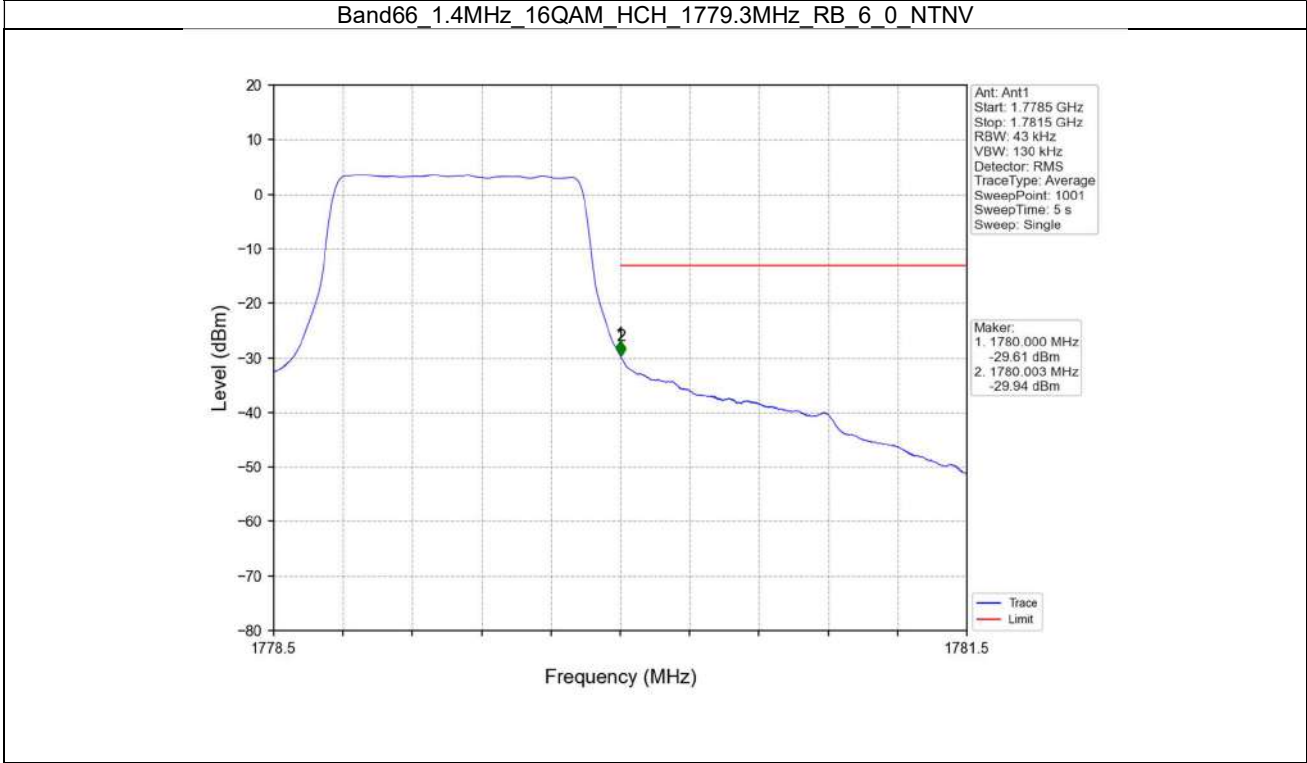
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6.2 B66_3MHz

6.2.1 Test Result

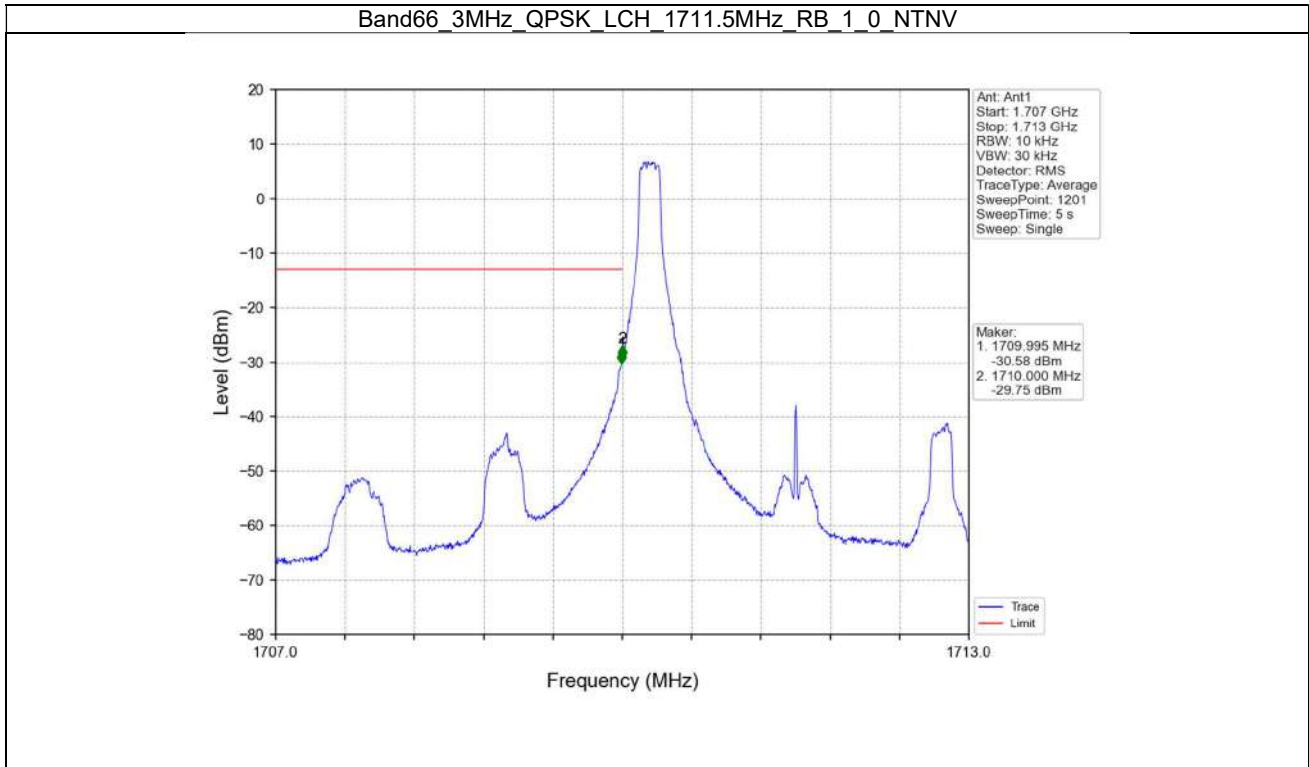
Band: 66 / Bandwidth: 3MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test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



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6.2.2 Test Graph



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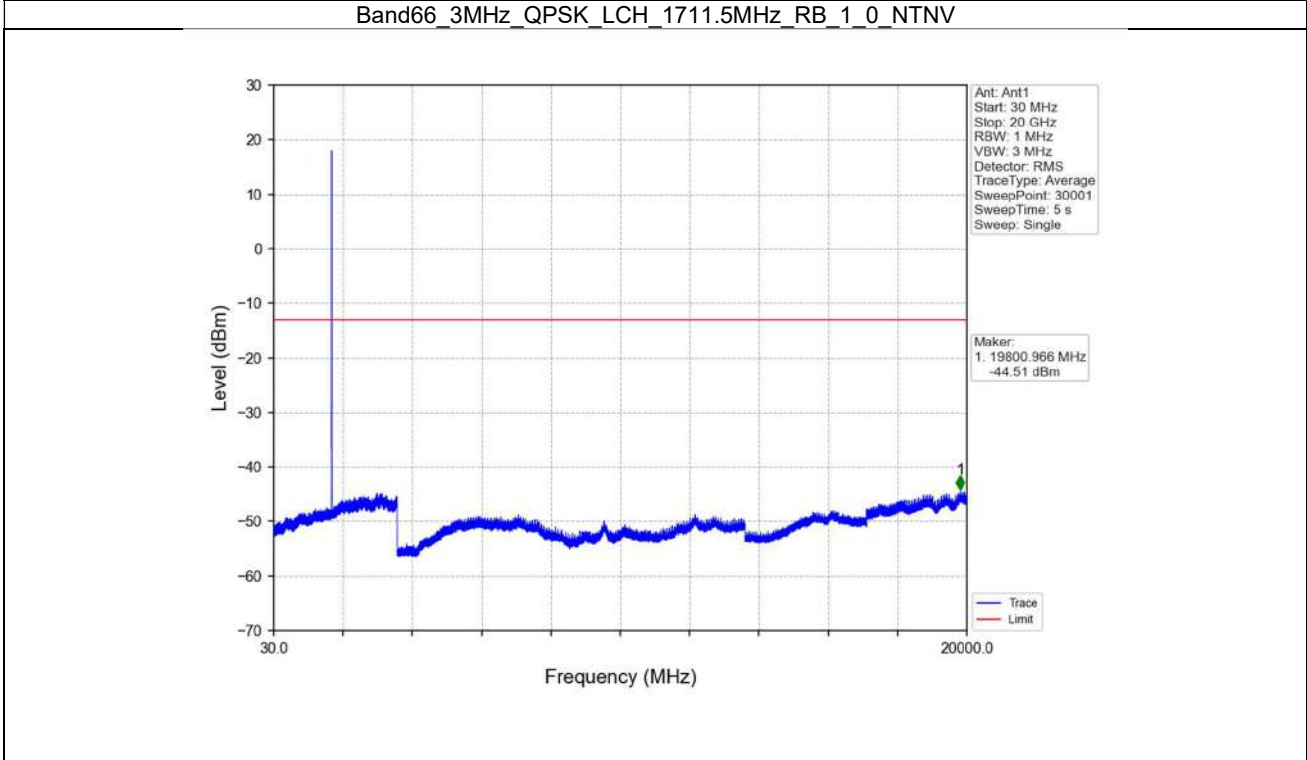
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

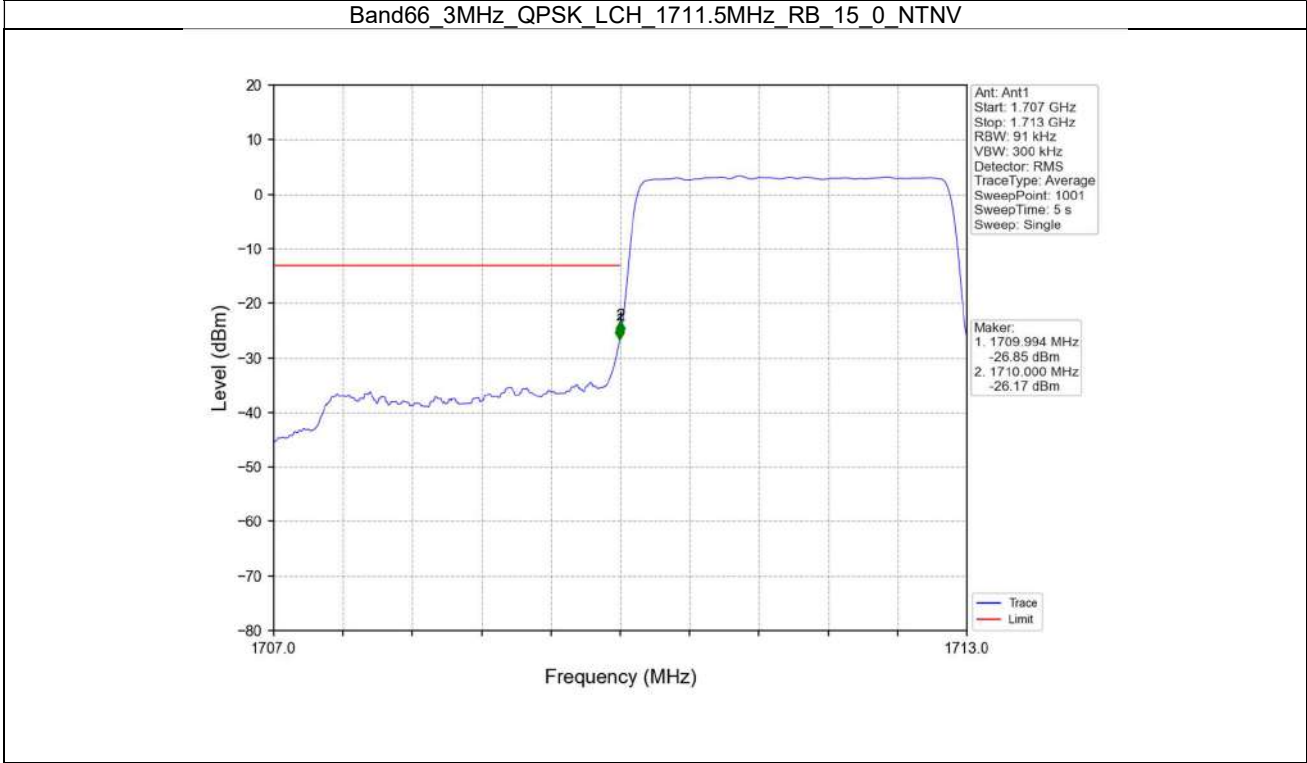


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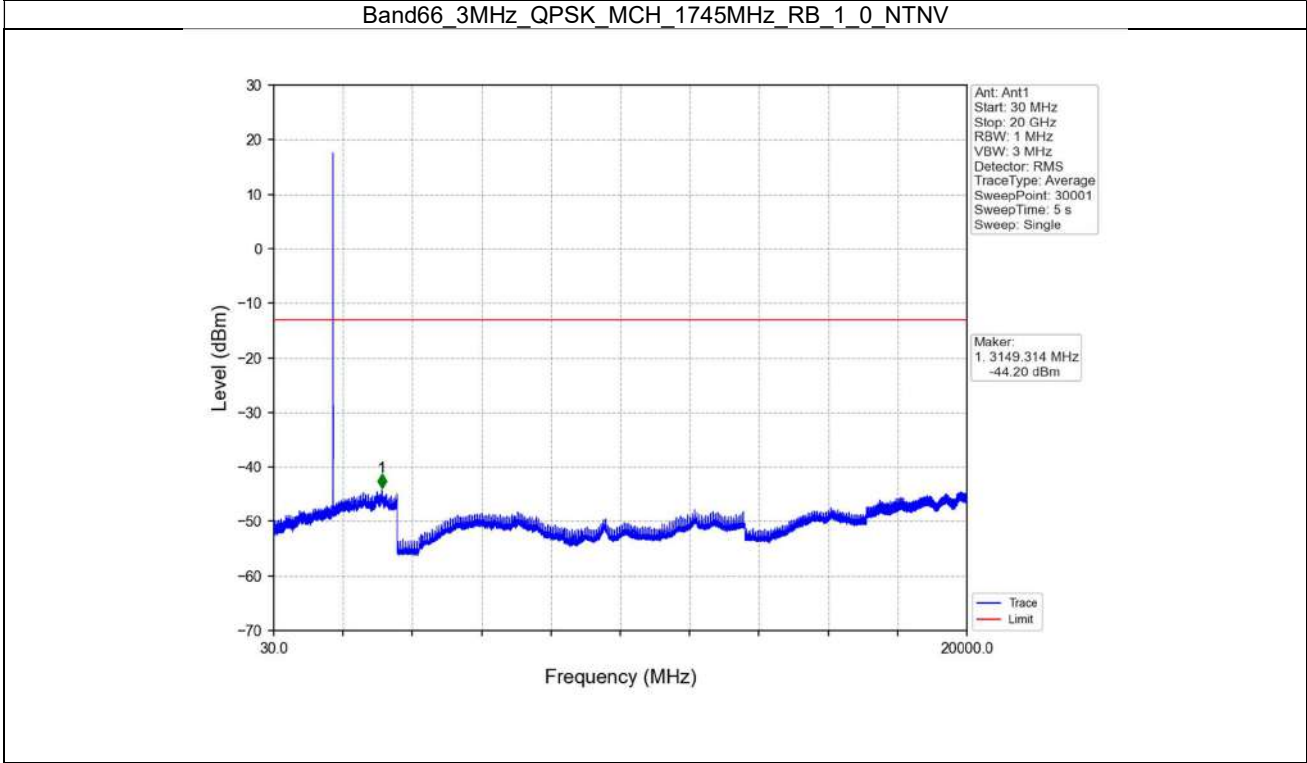
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Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

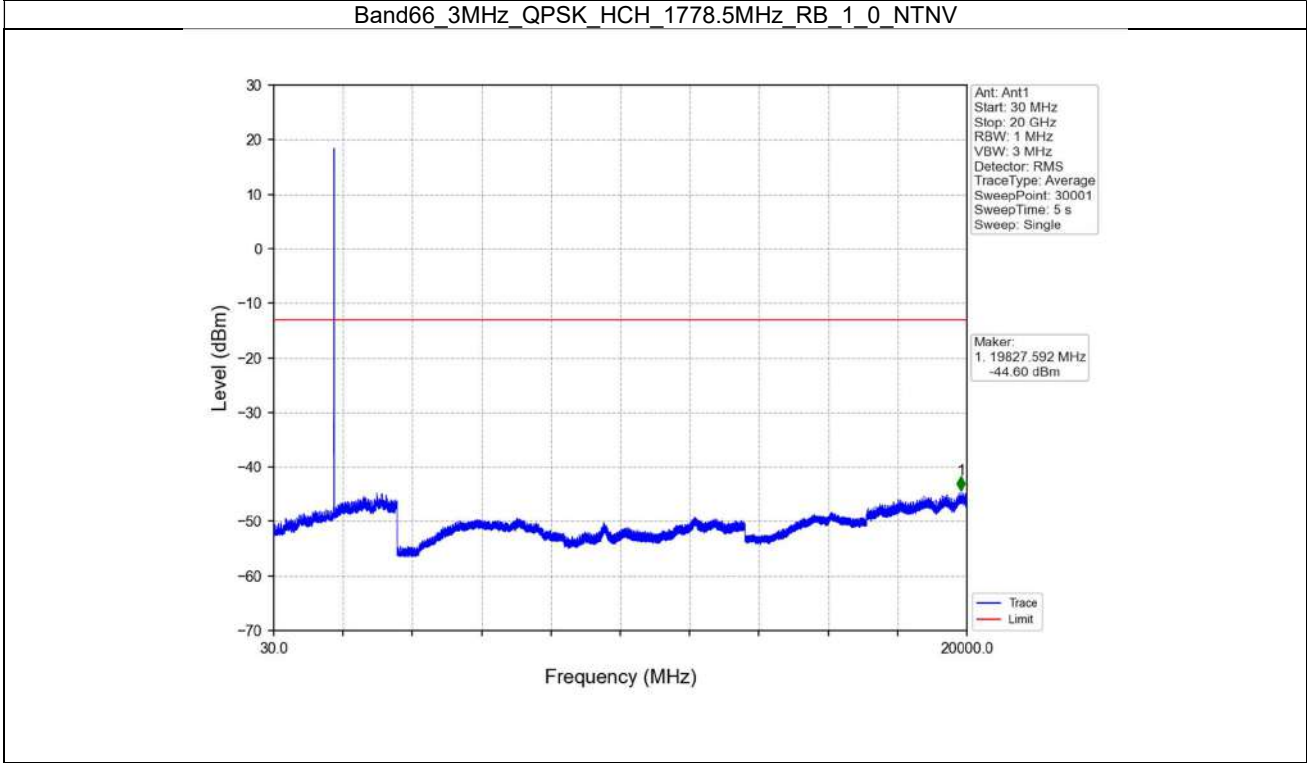


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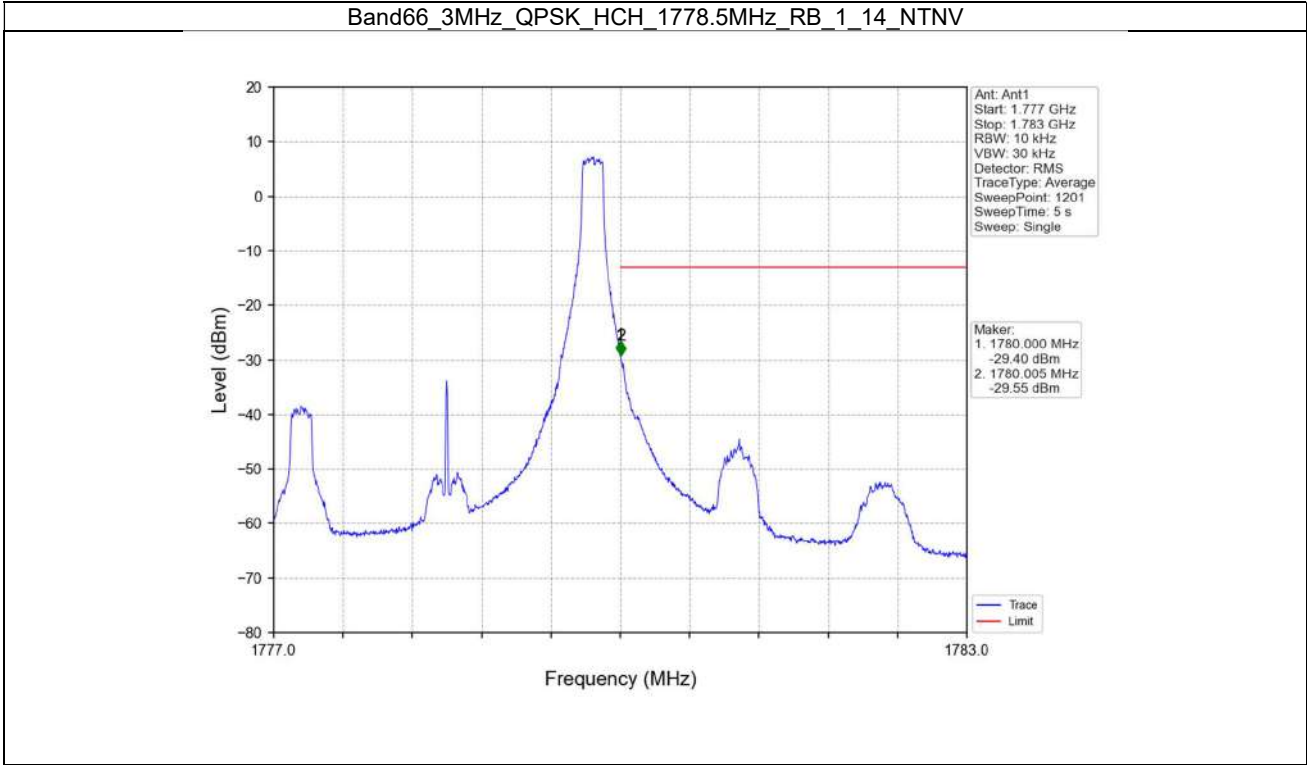
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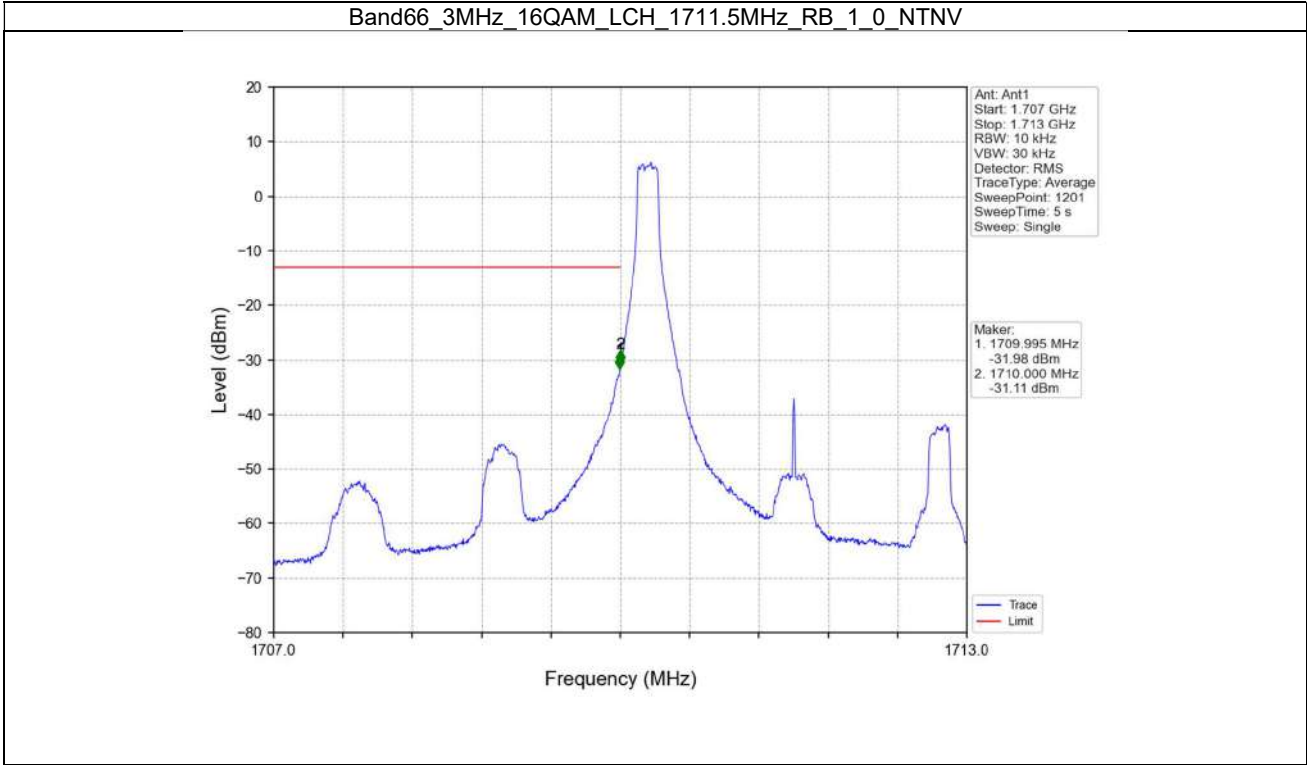
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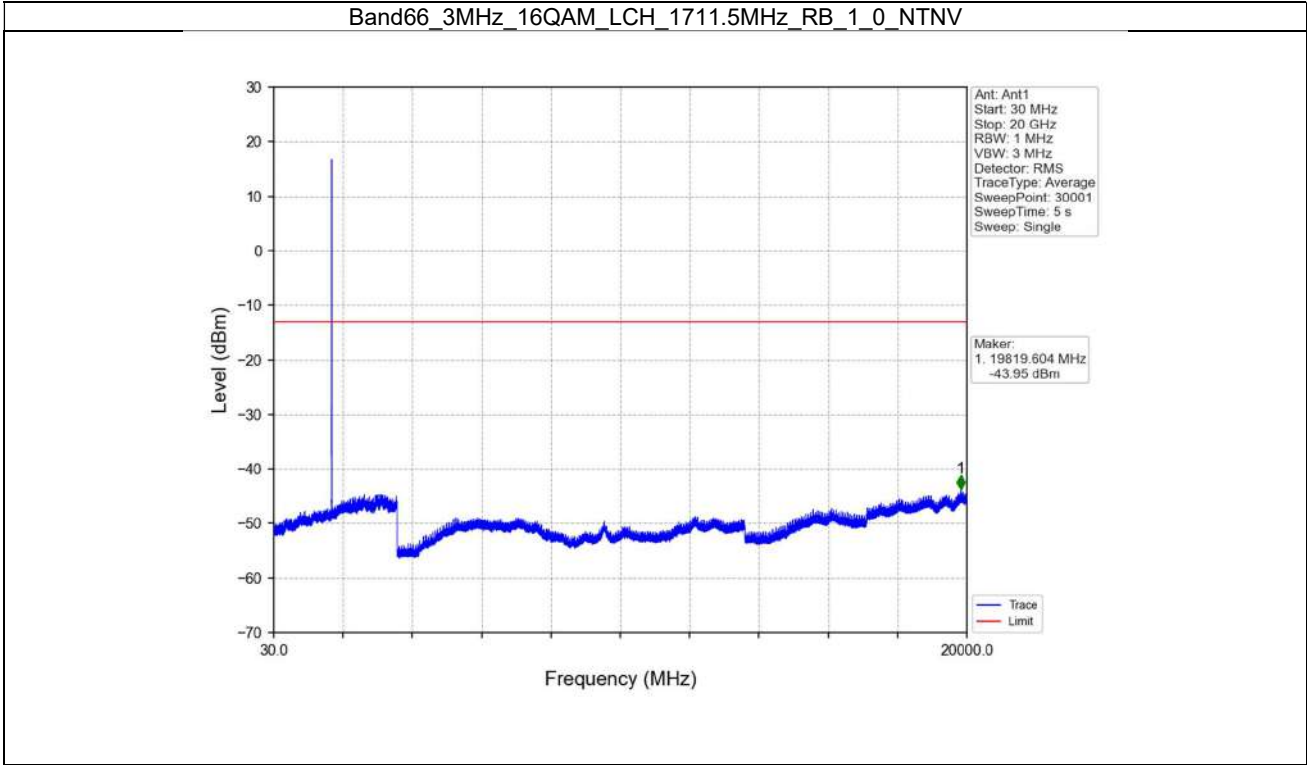
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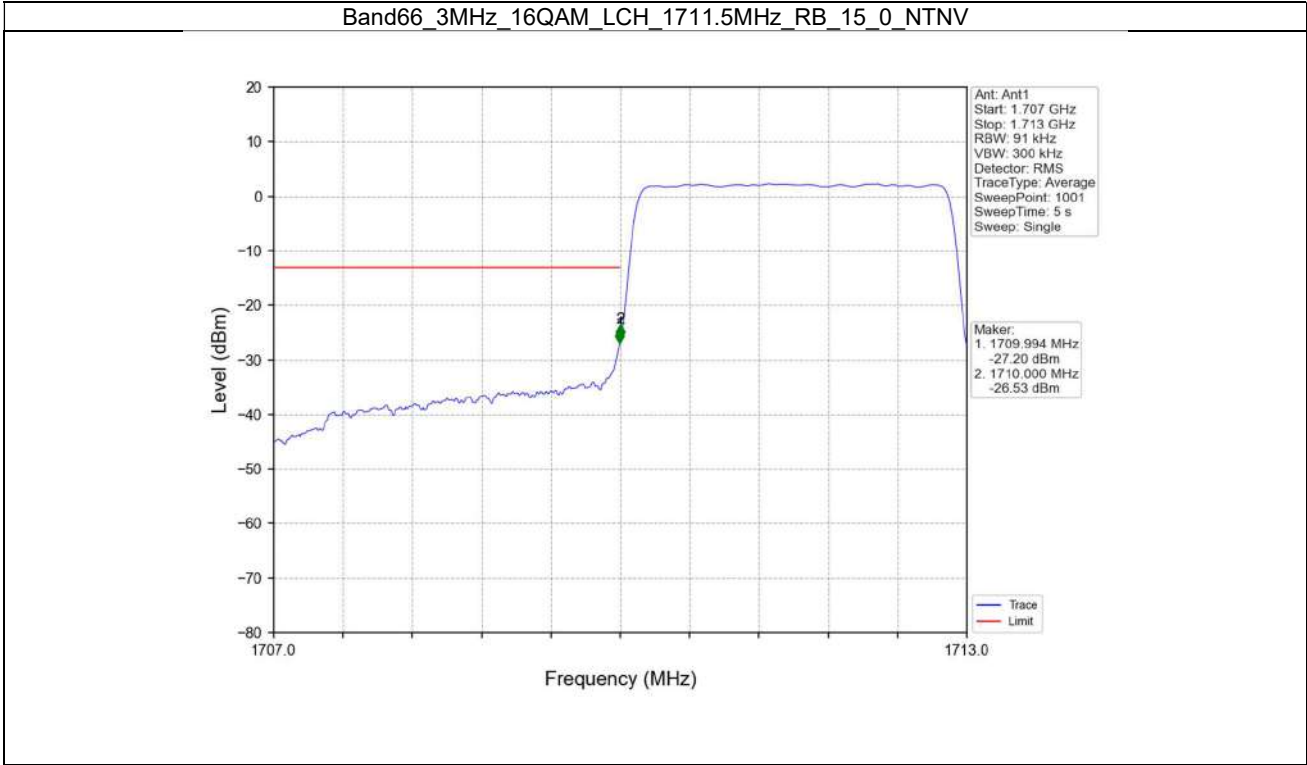
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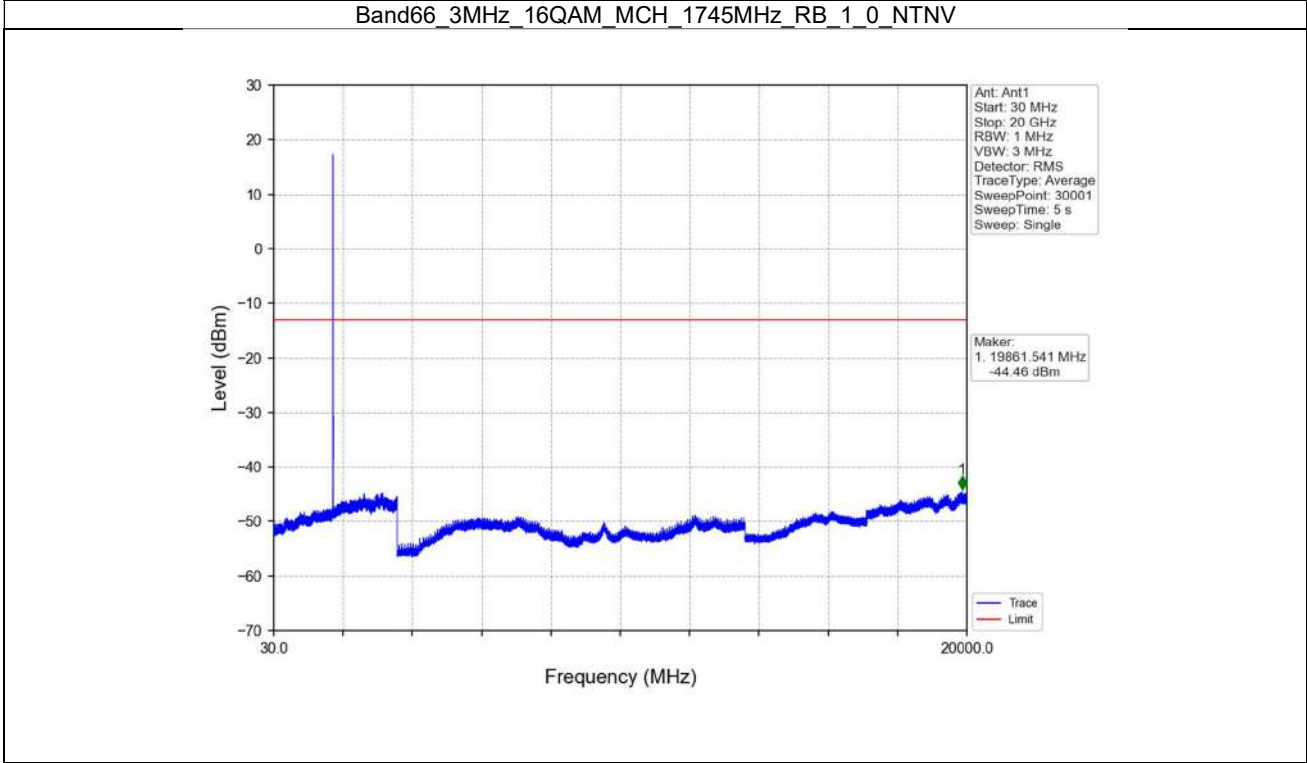


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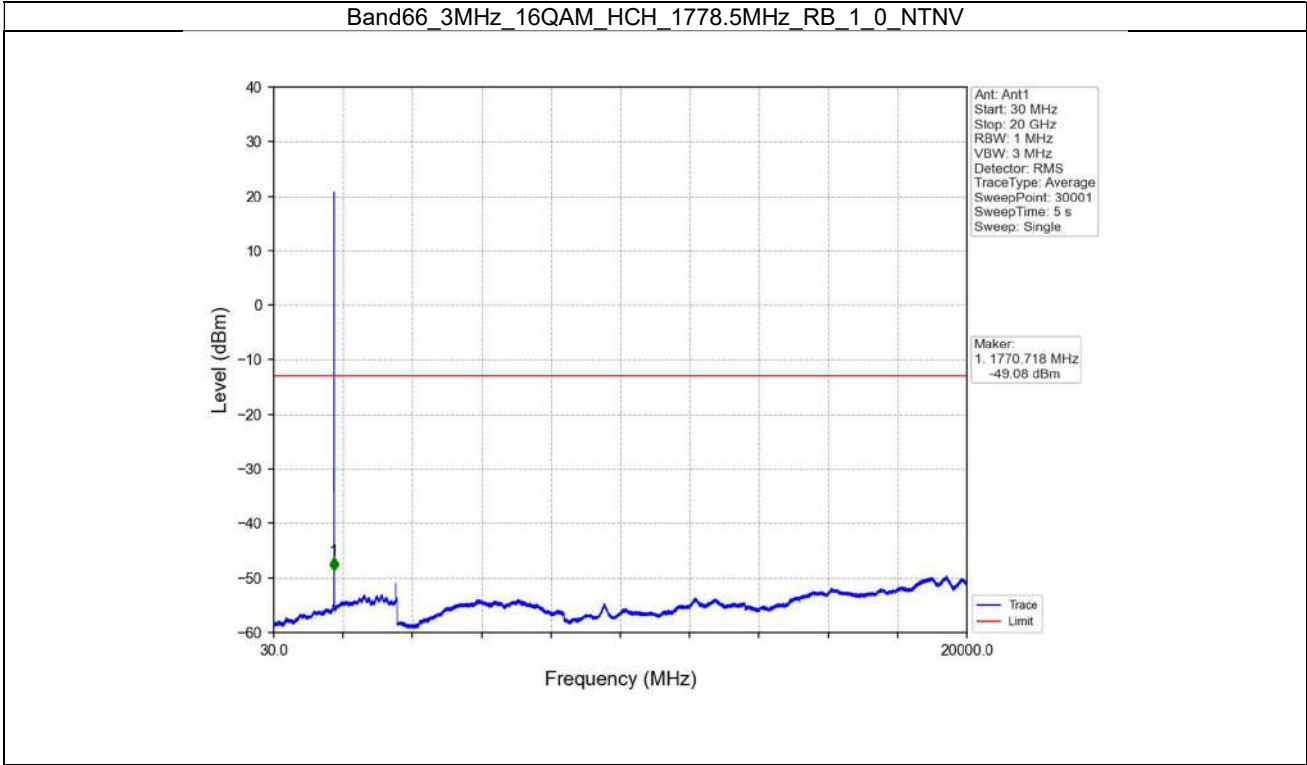


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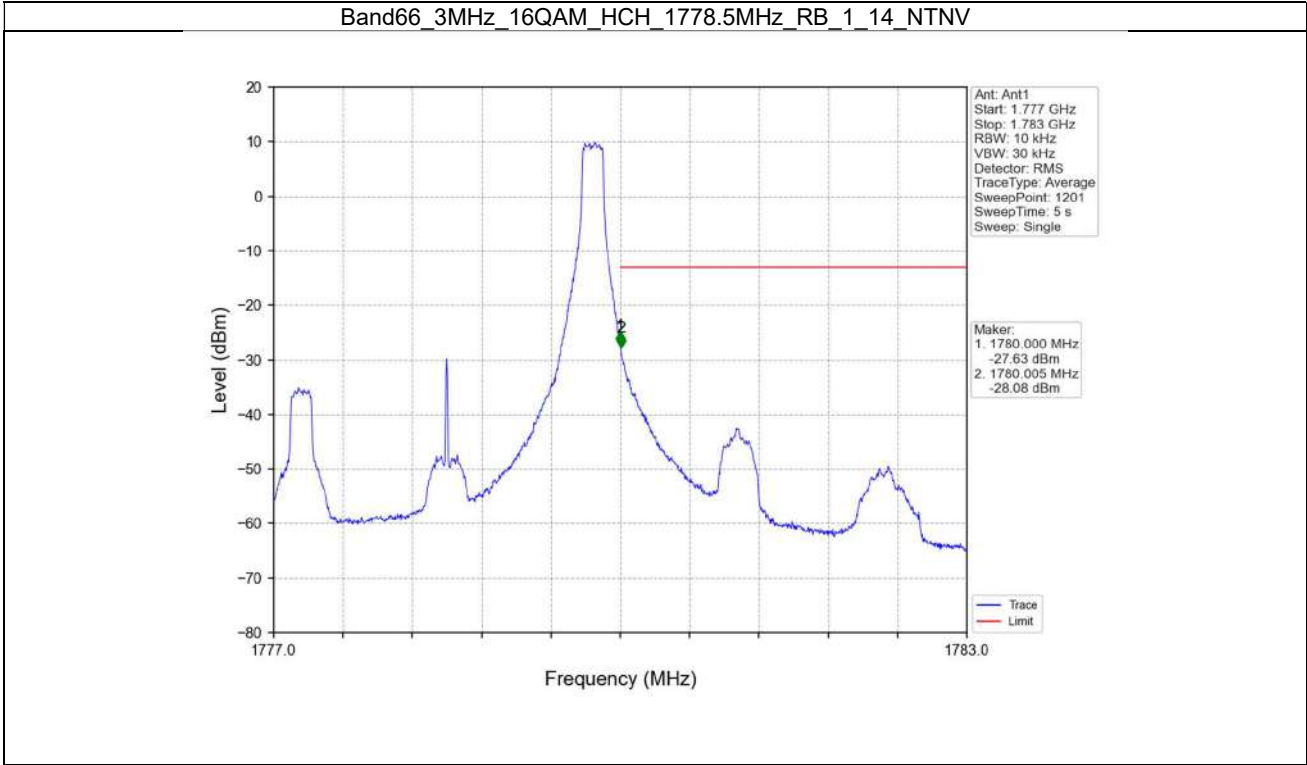
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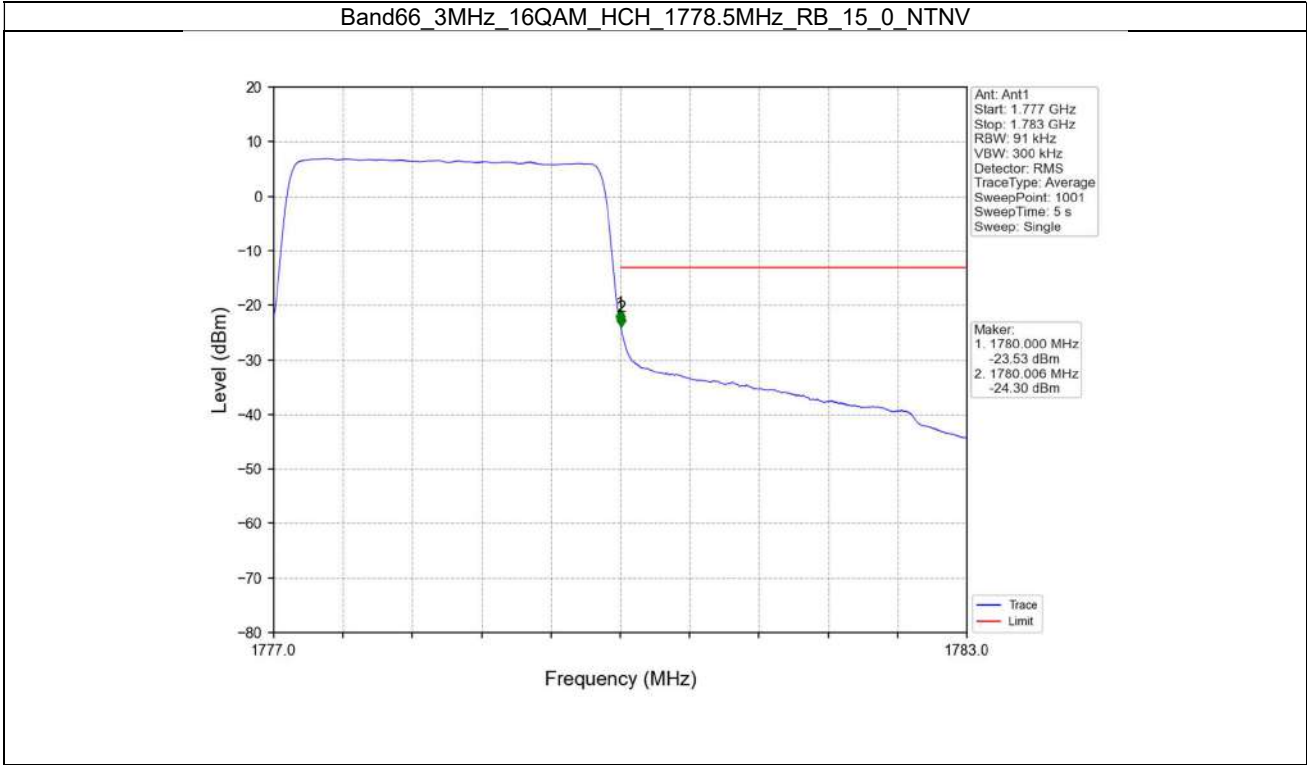
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6.3 B66_5MHz

6.3.1 Test Result

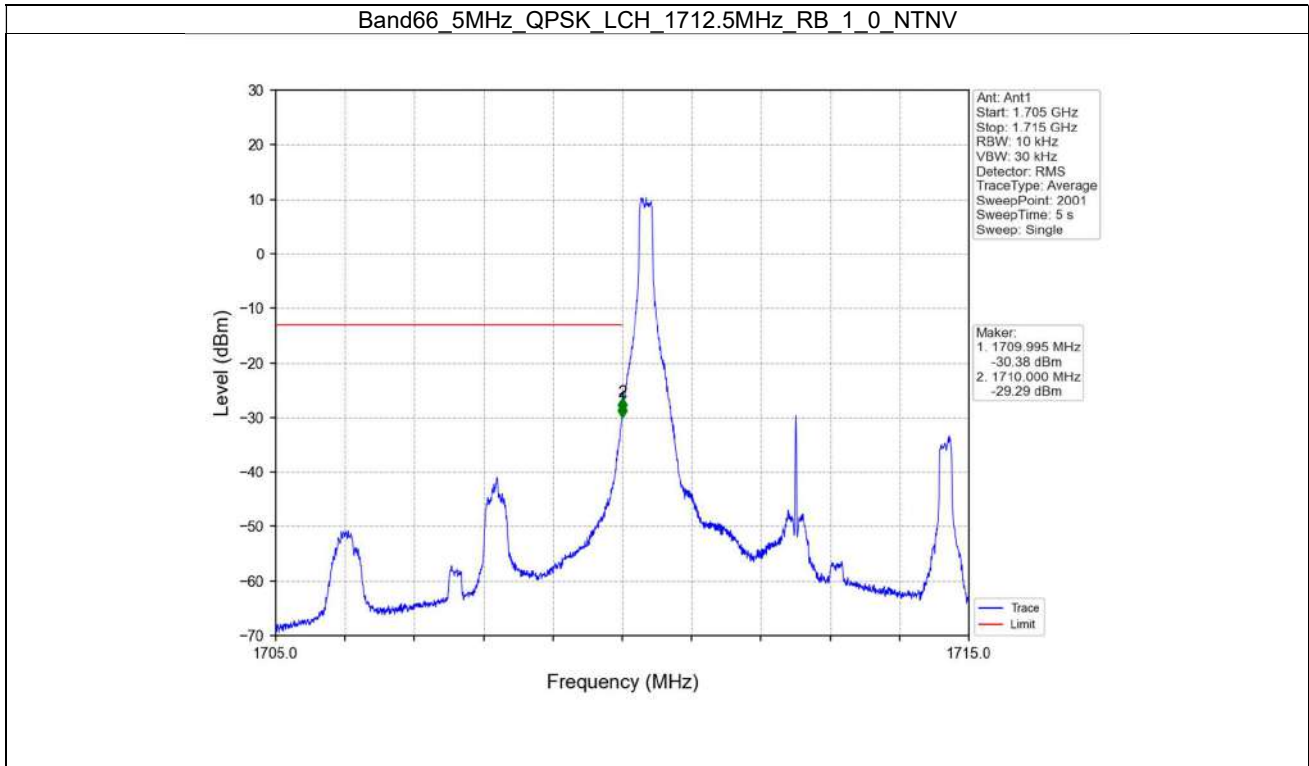
Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test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



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6.3.2 Test Graph



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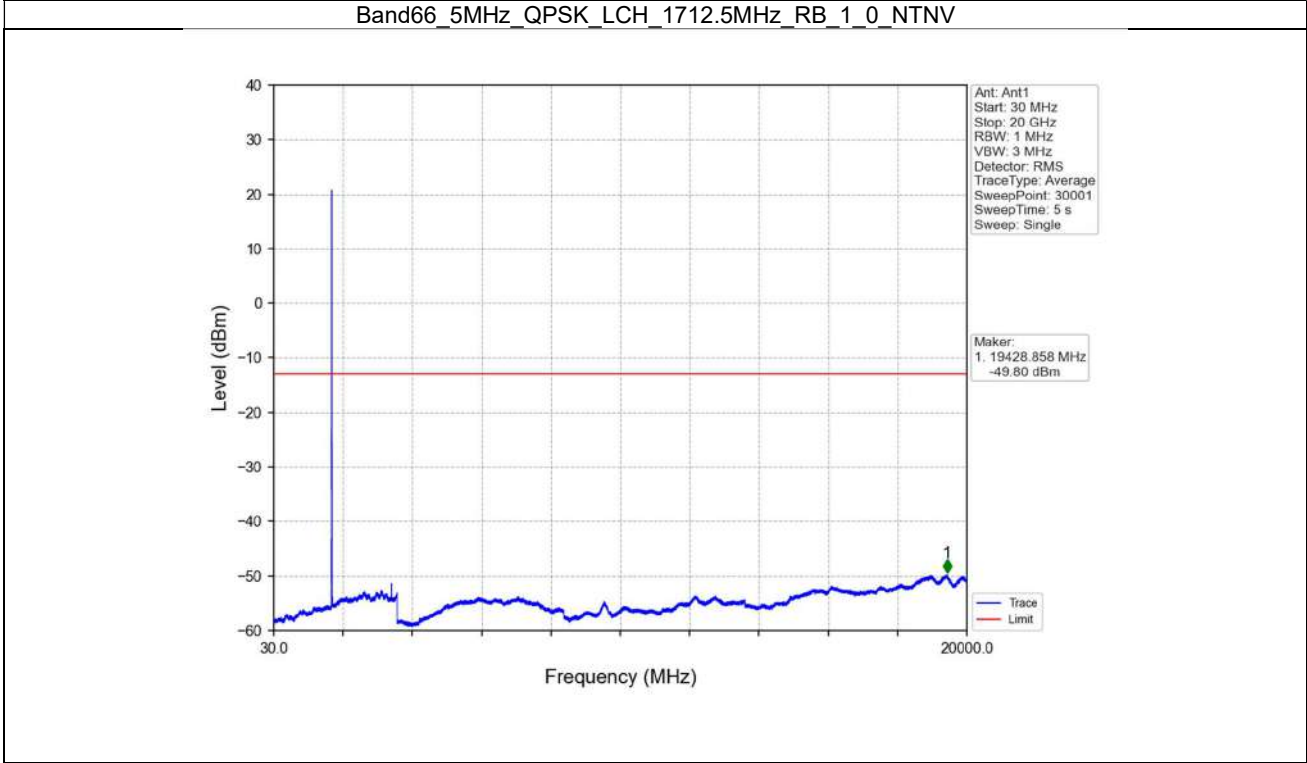
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Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



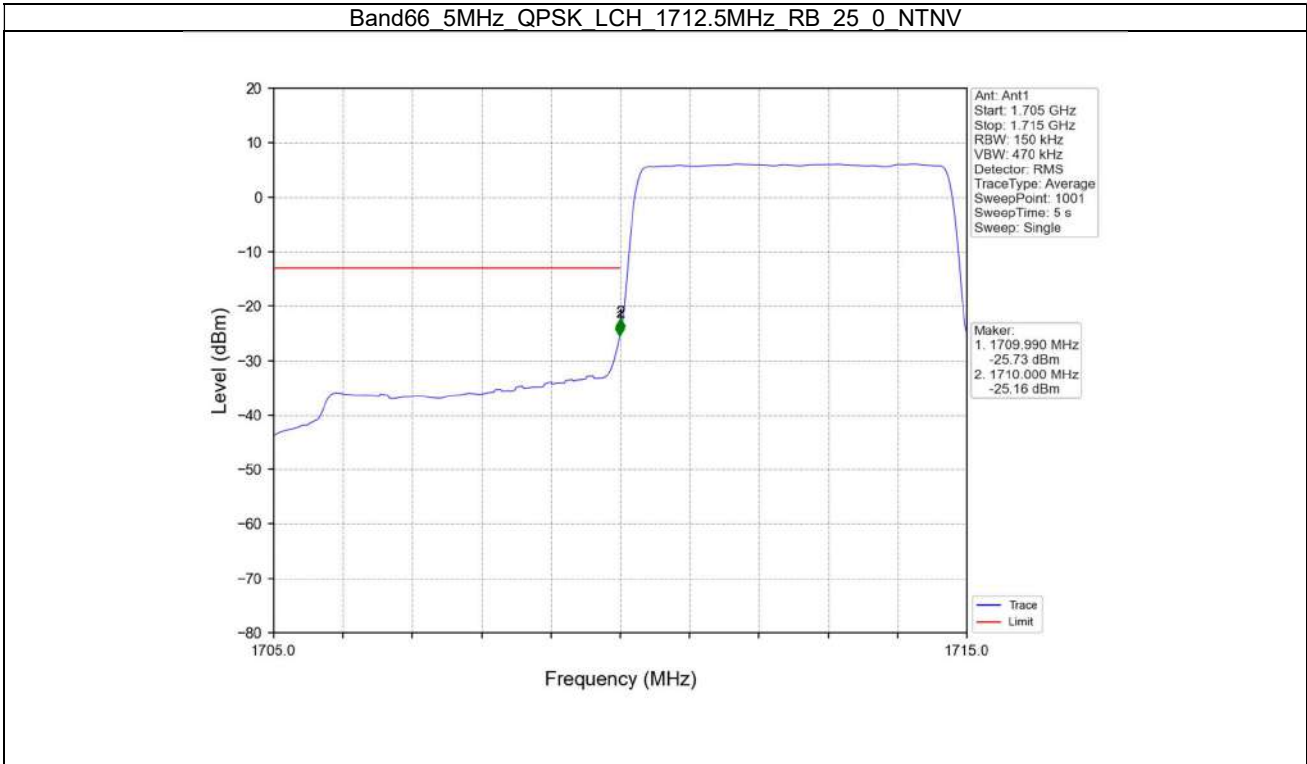
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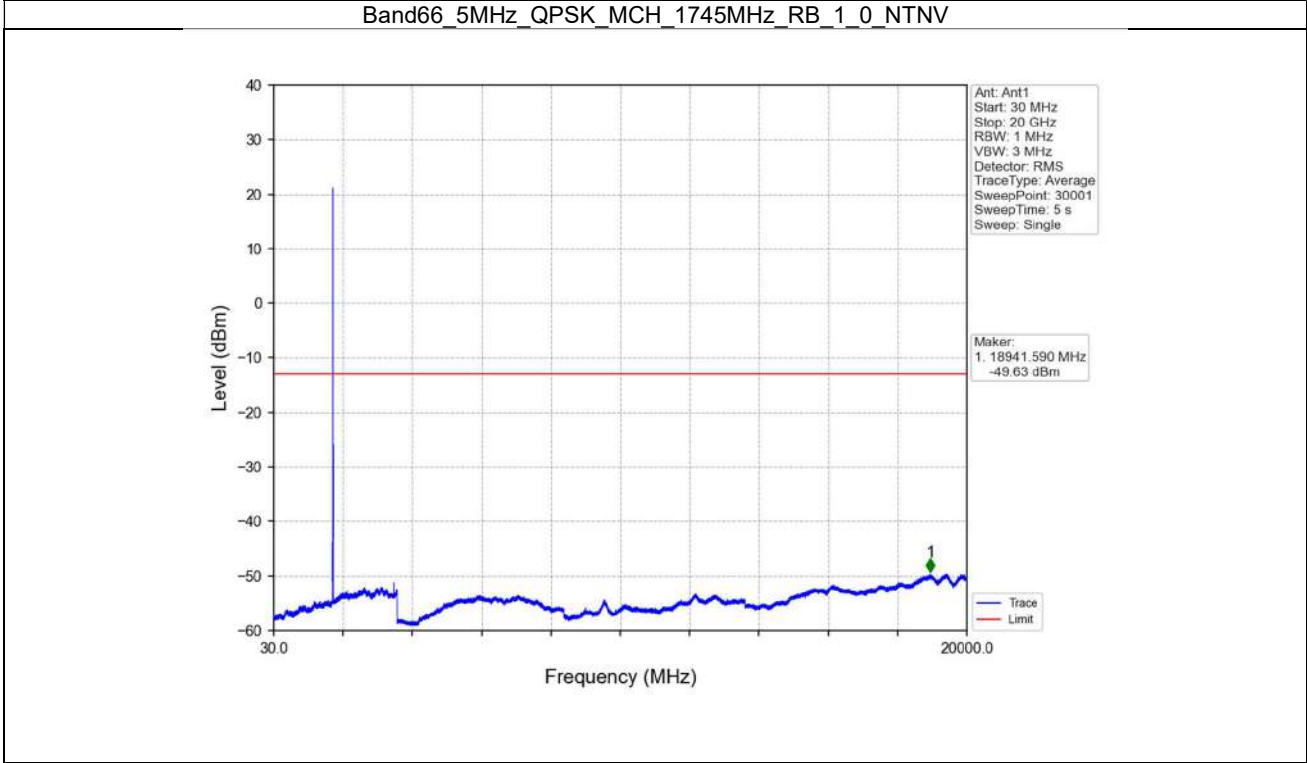


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Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



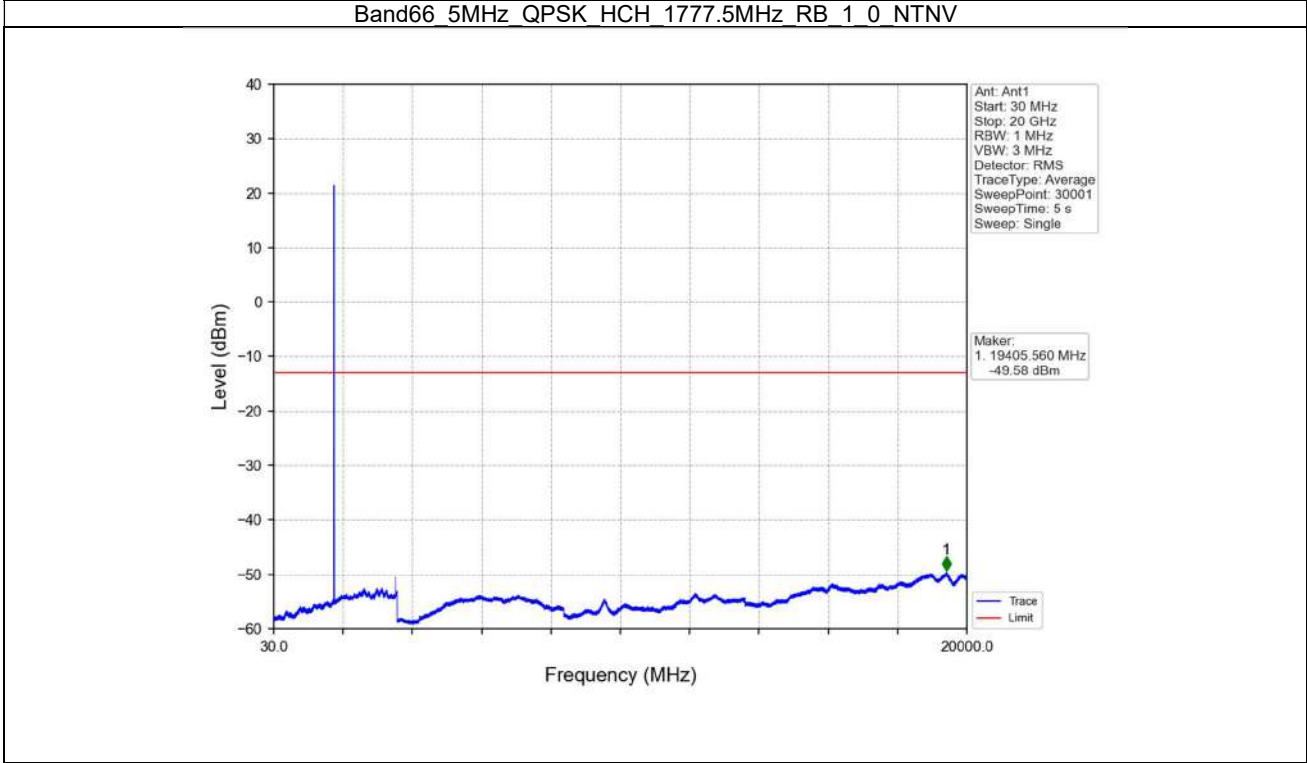
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Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN

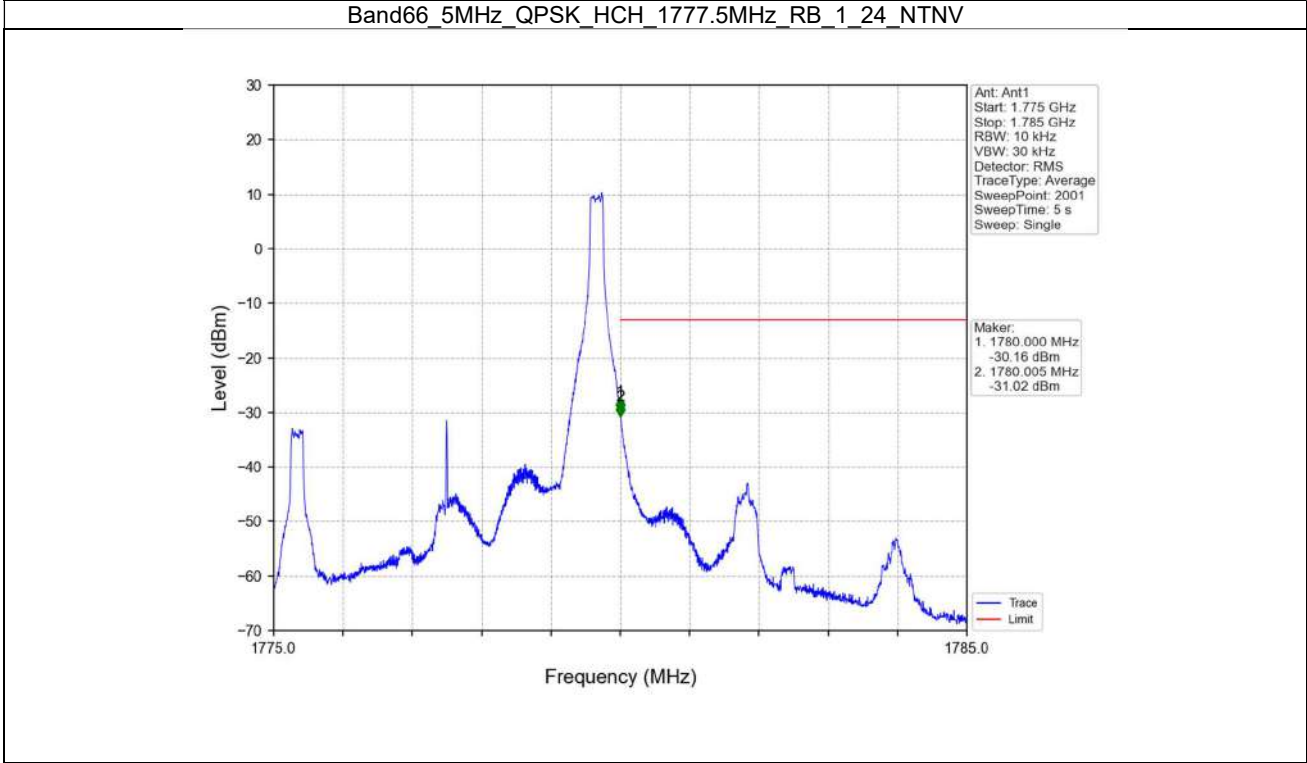


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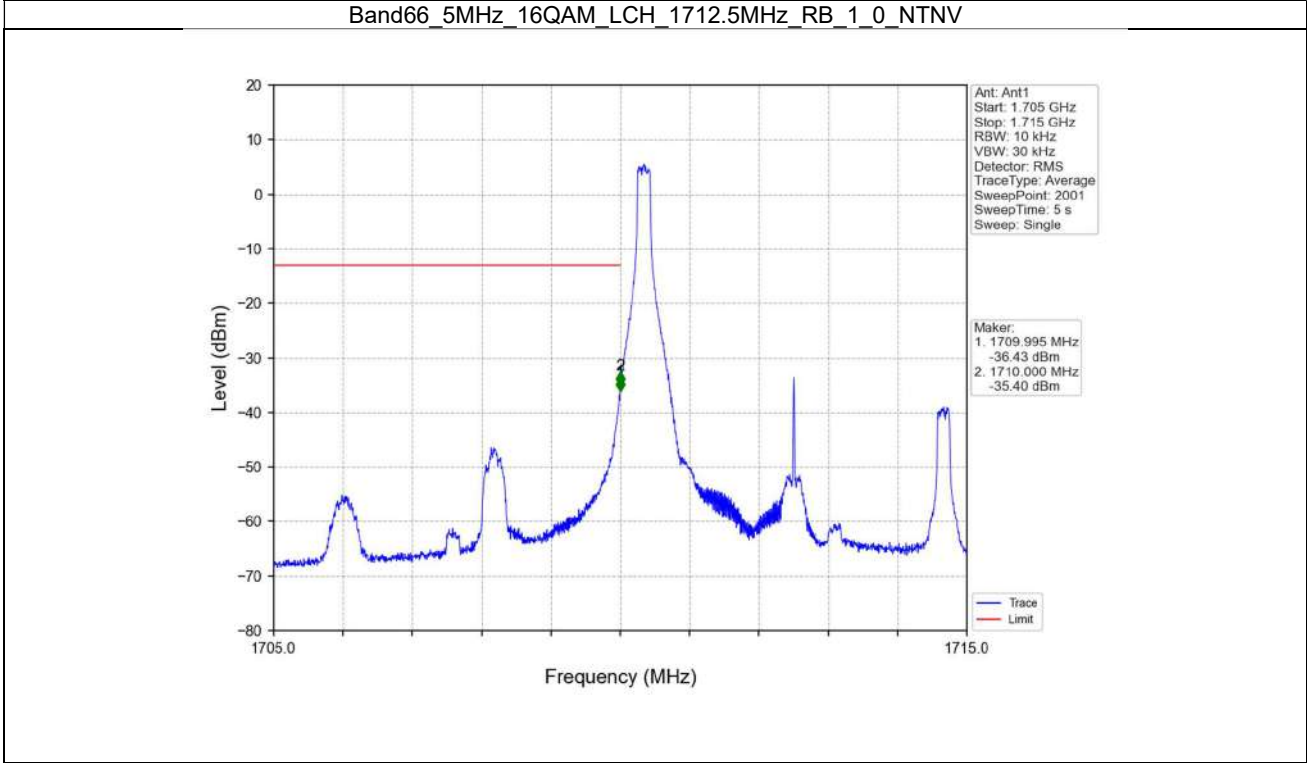


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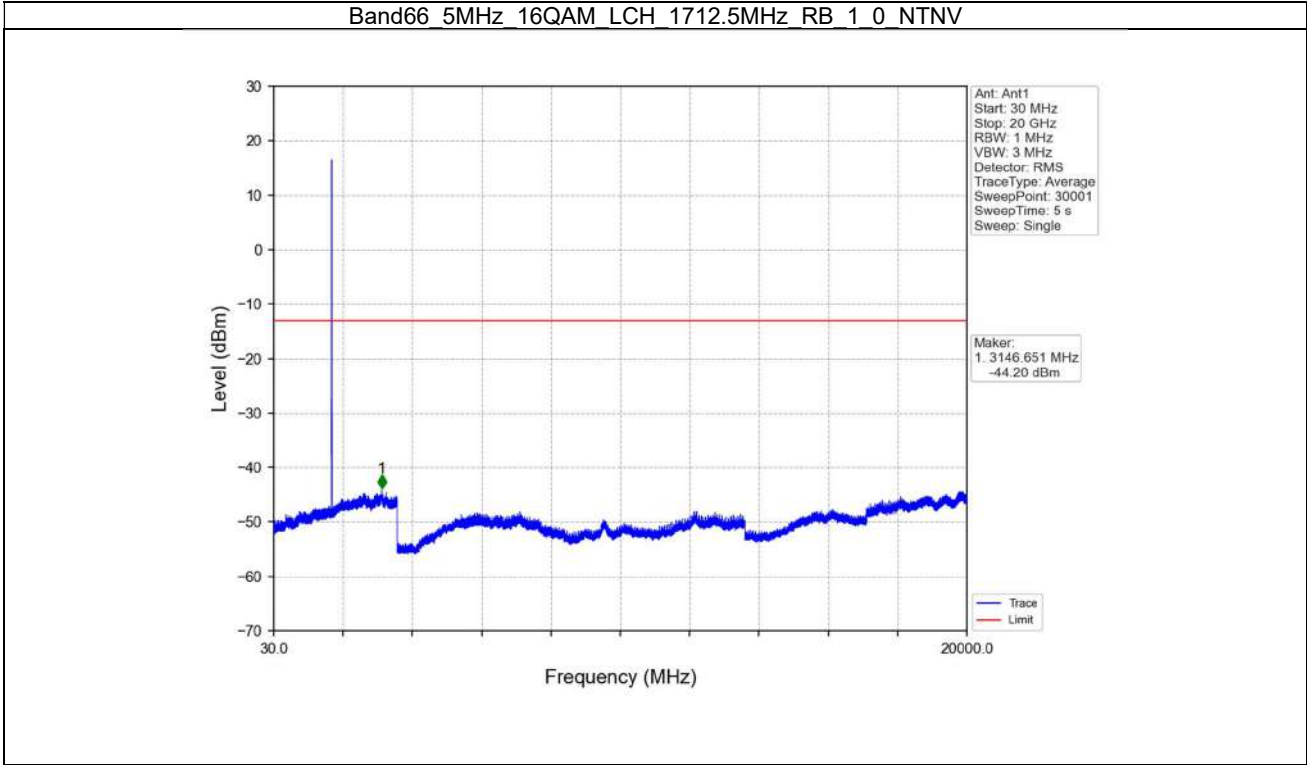
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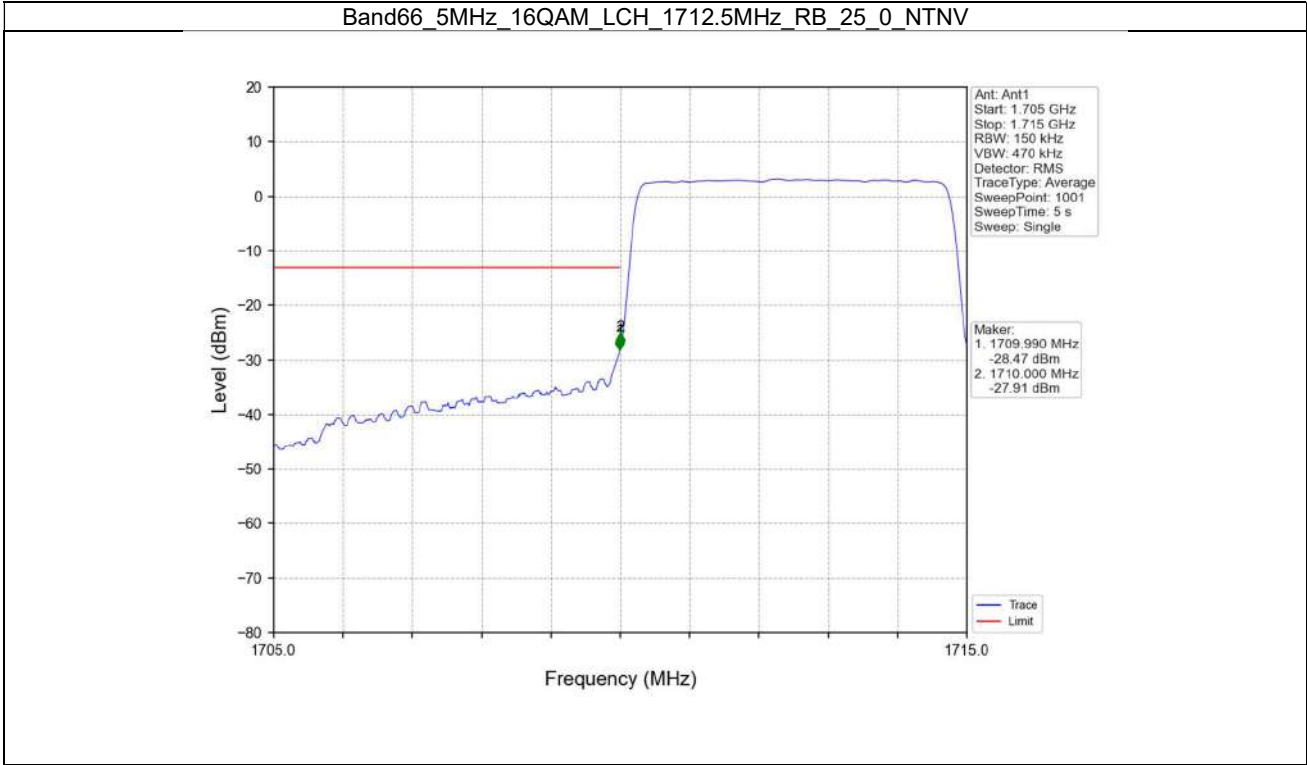
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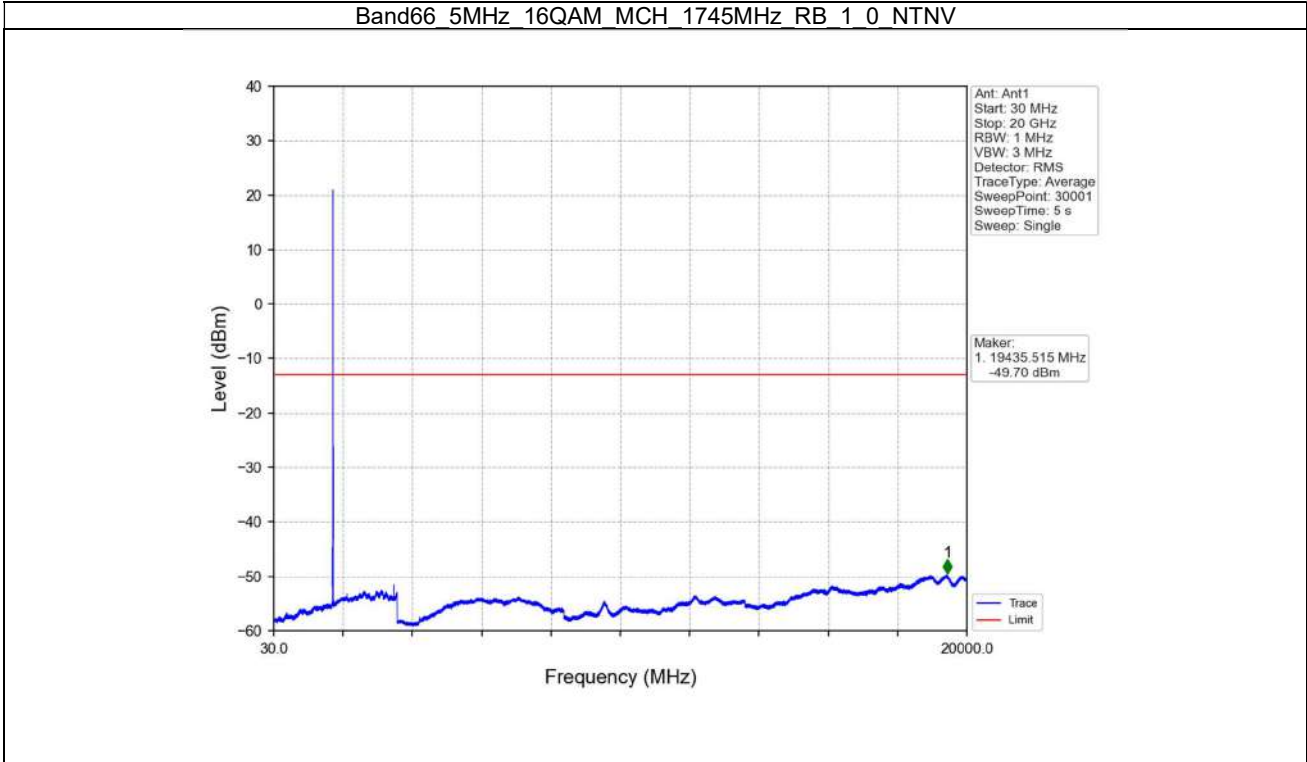


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Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTN



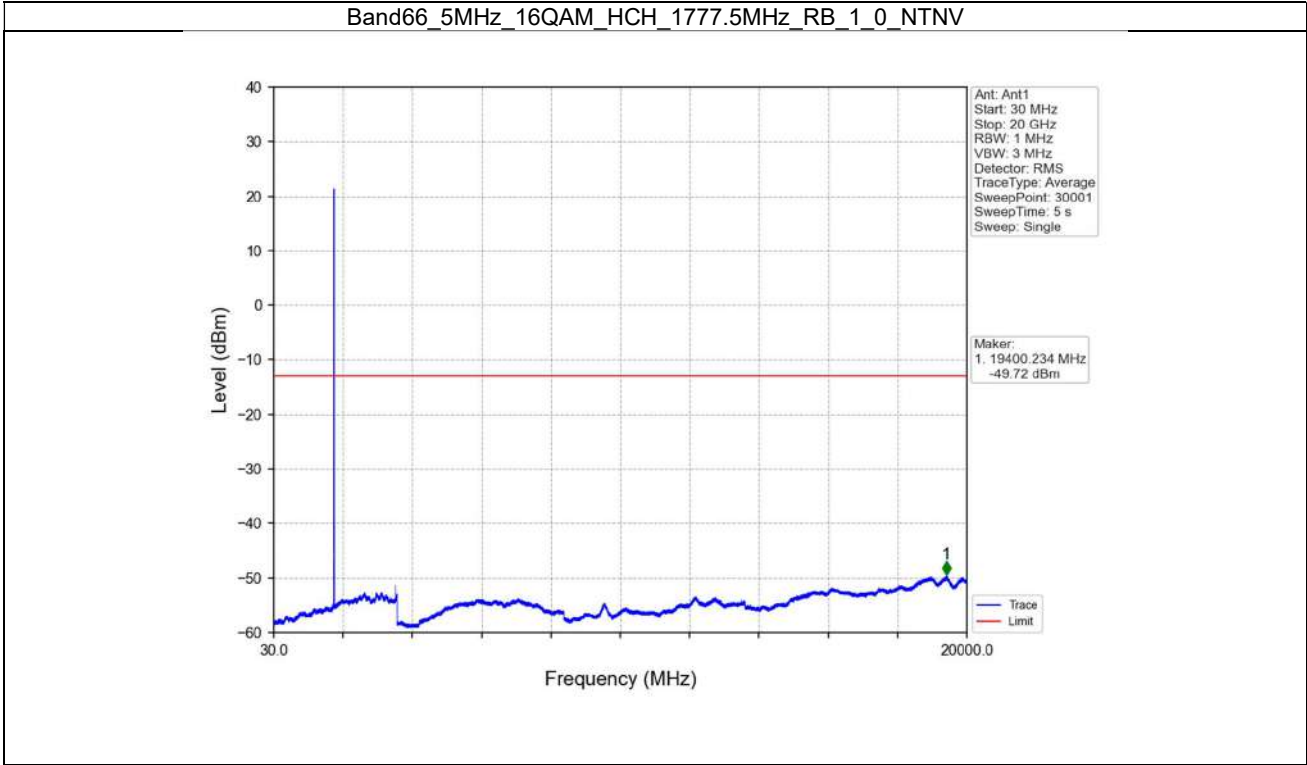
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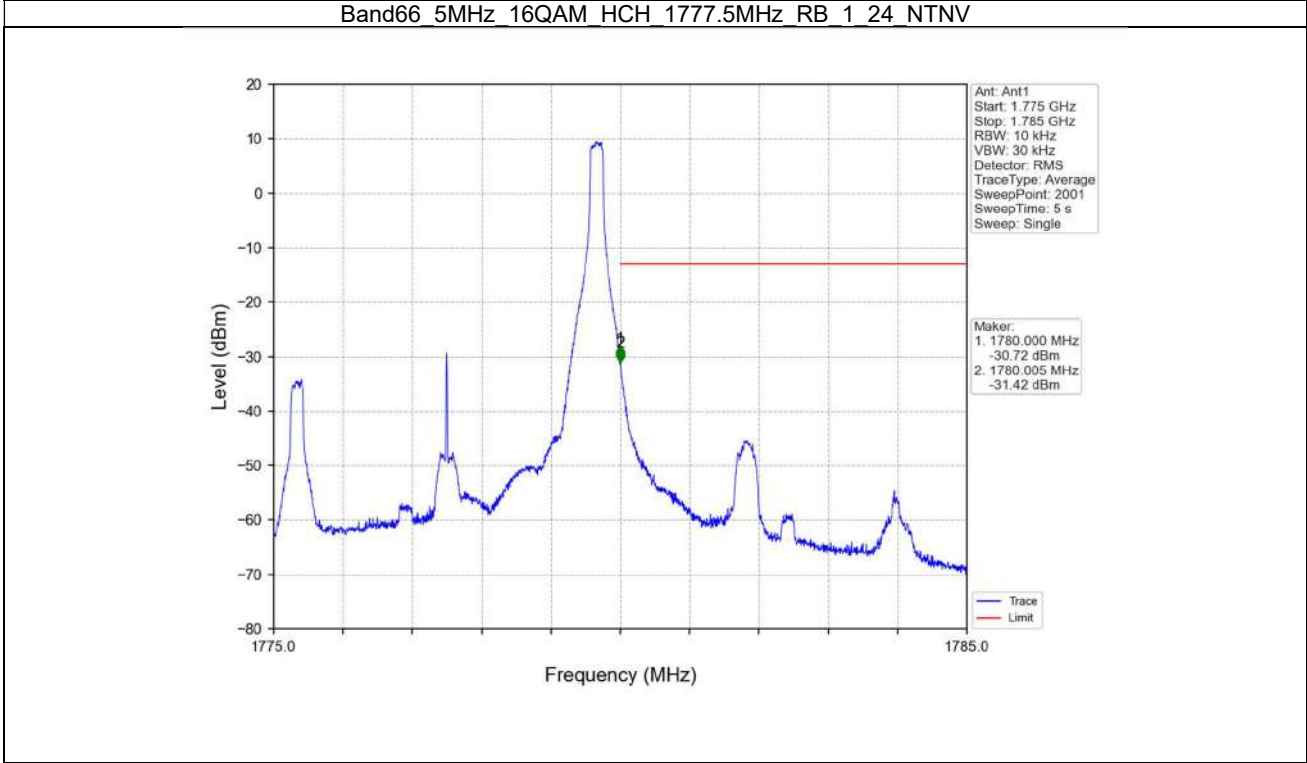


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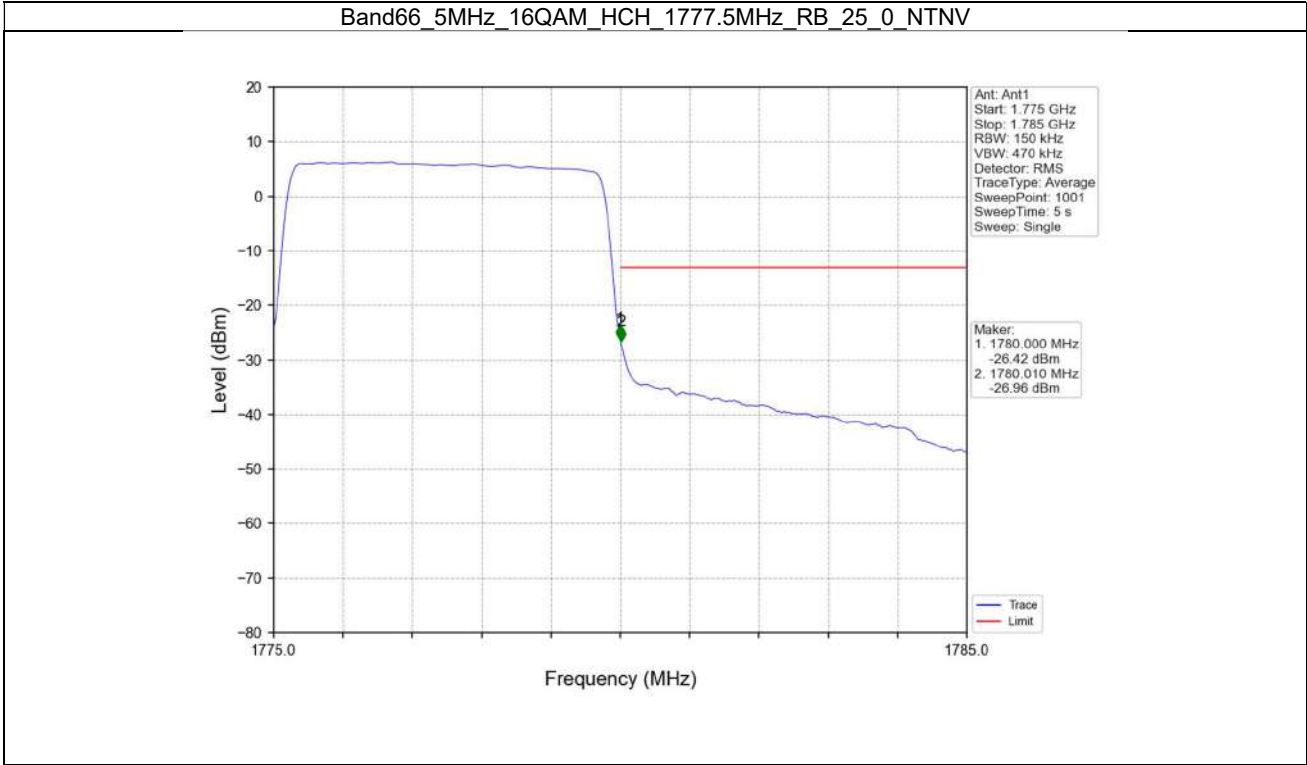
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 24 NTNV



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6.4 B66_10MHz

6.4.1 Test Result

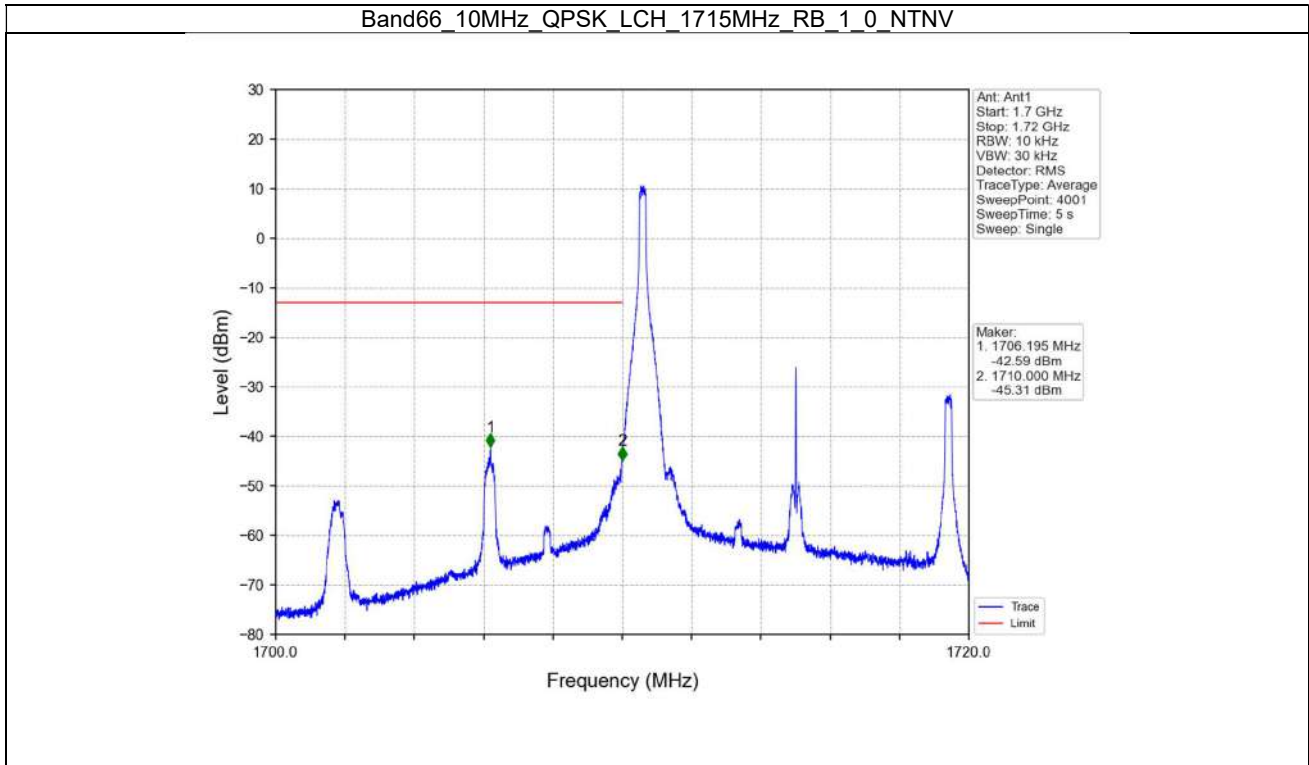
Band: 66 / Bandwidth: 10MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1715	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1745	1	0	Refer To Test Graph		Pass	
		1775	1	0	Refer To Test Graph		Pass
				49	Refer 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	
		1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass	
	50	0	Refer To Test Graph		Pass		



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6.4.2 Test Graph



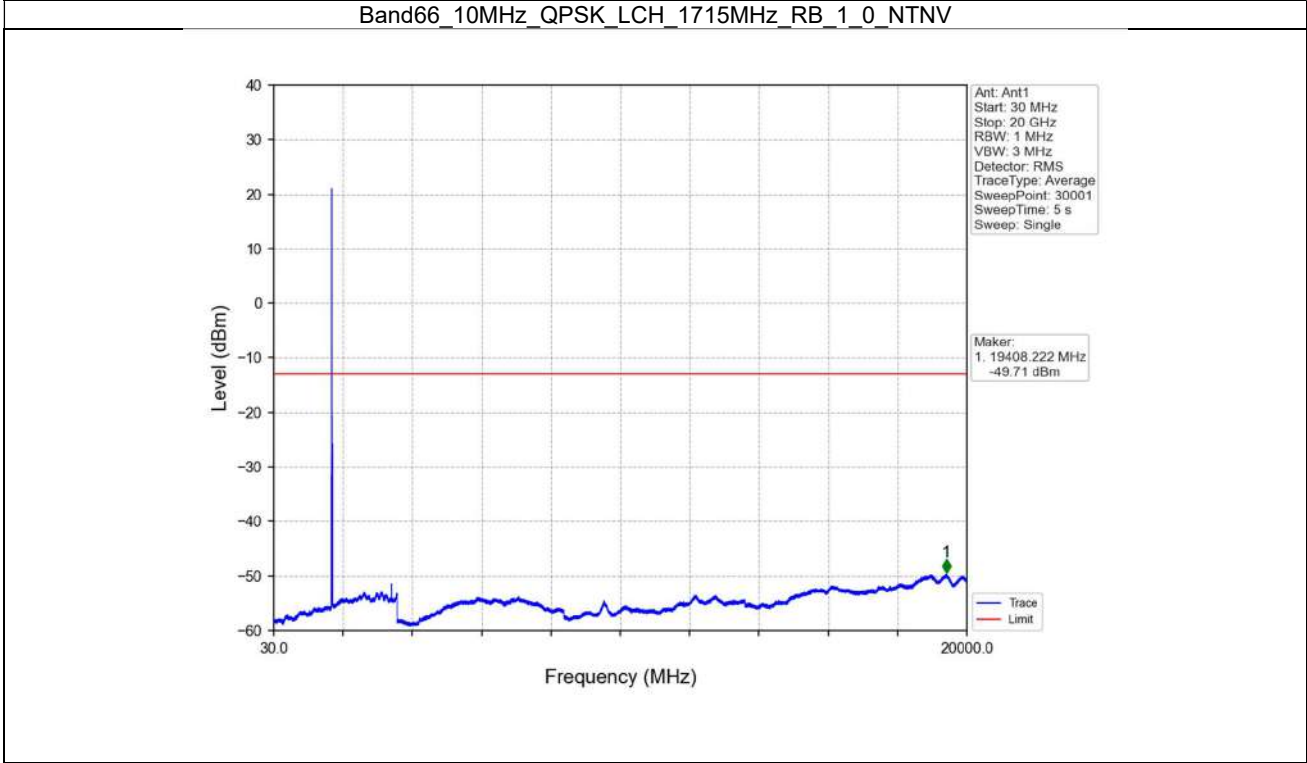
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Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



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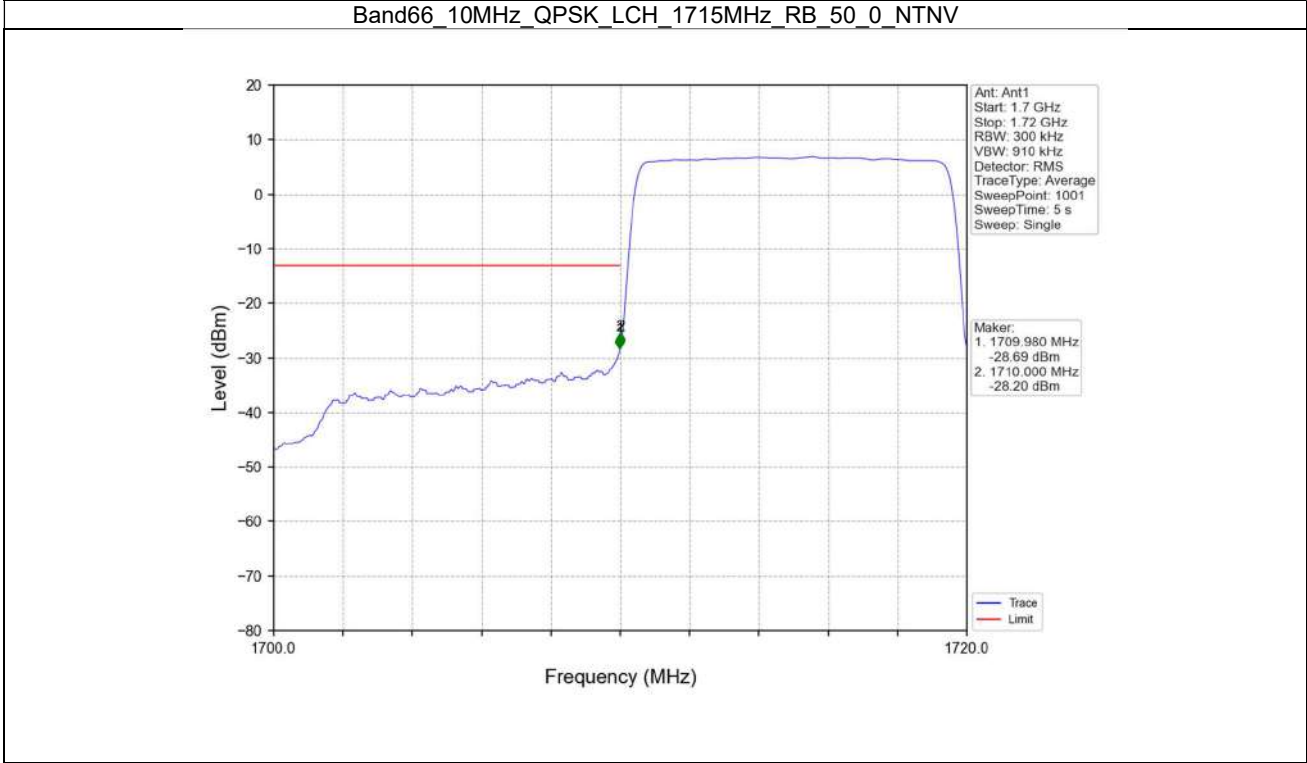
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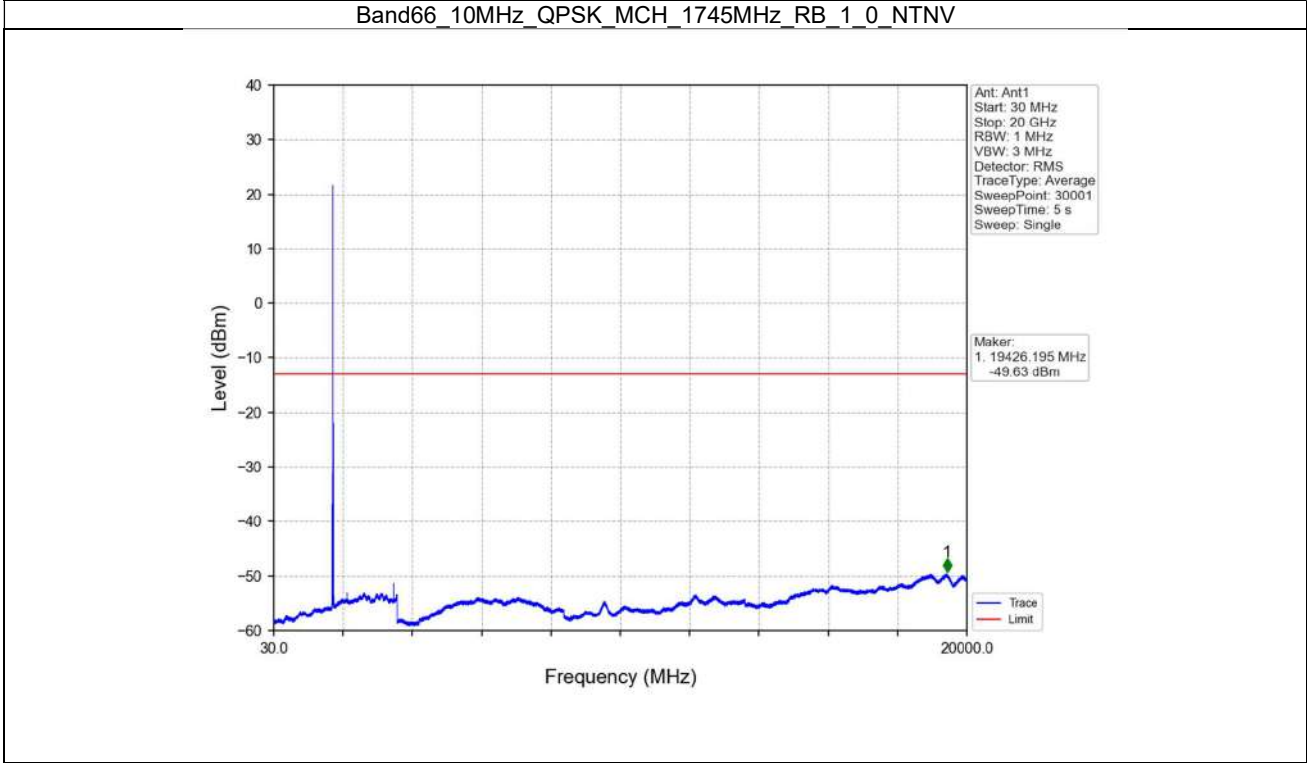


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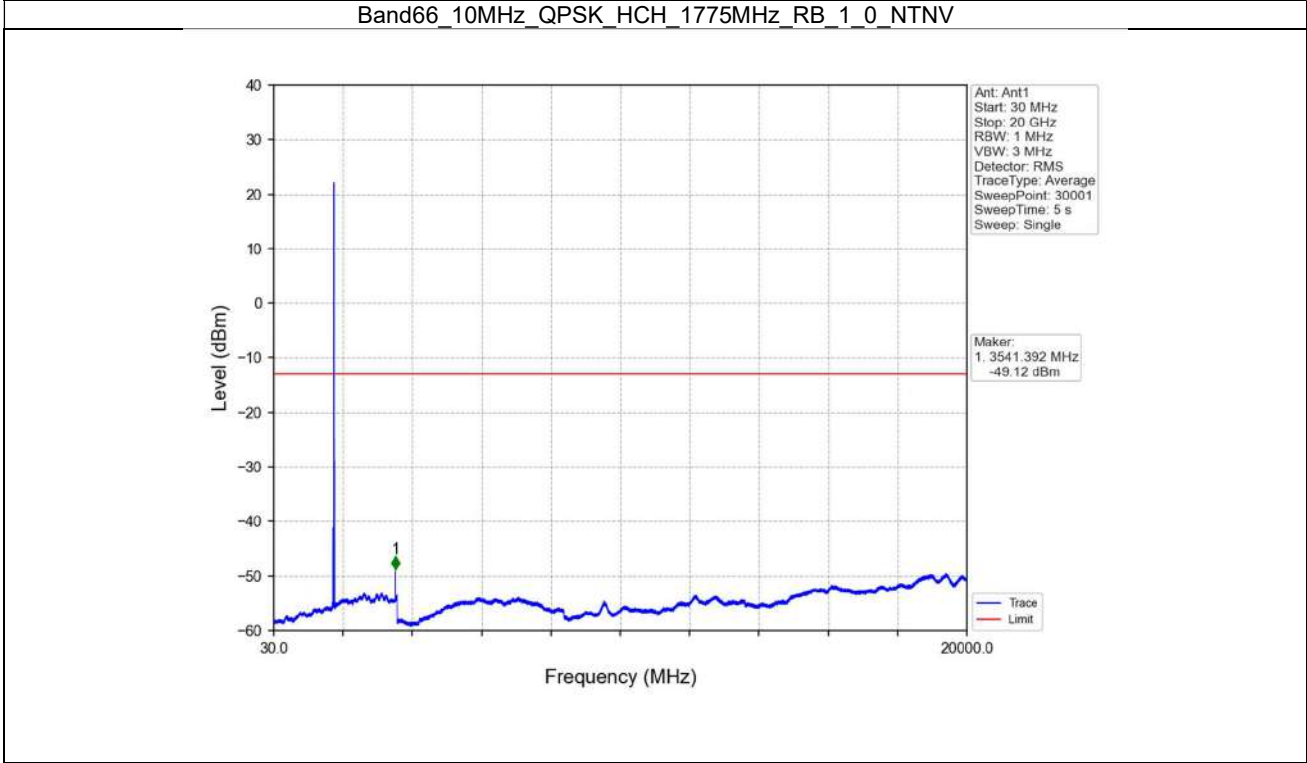
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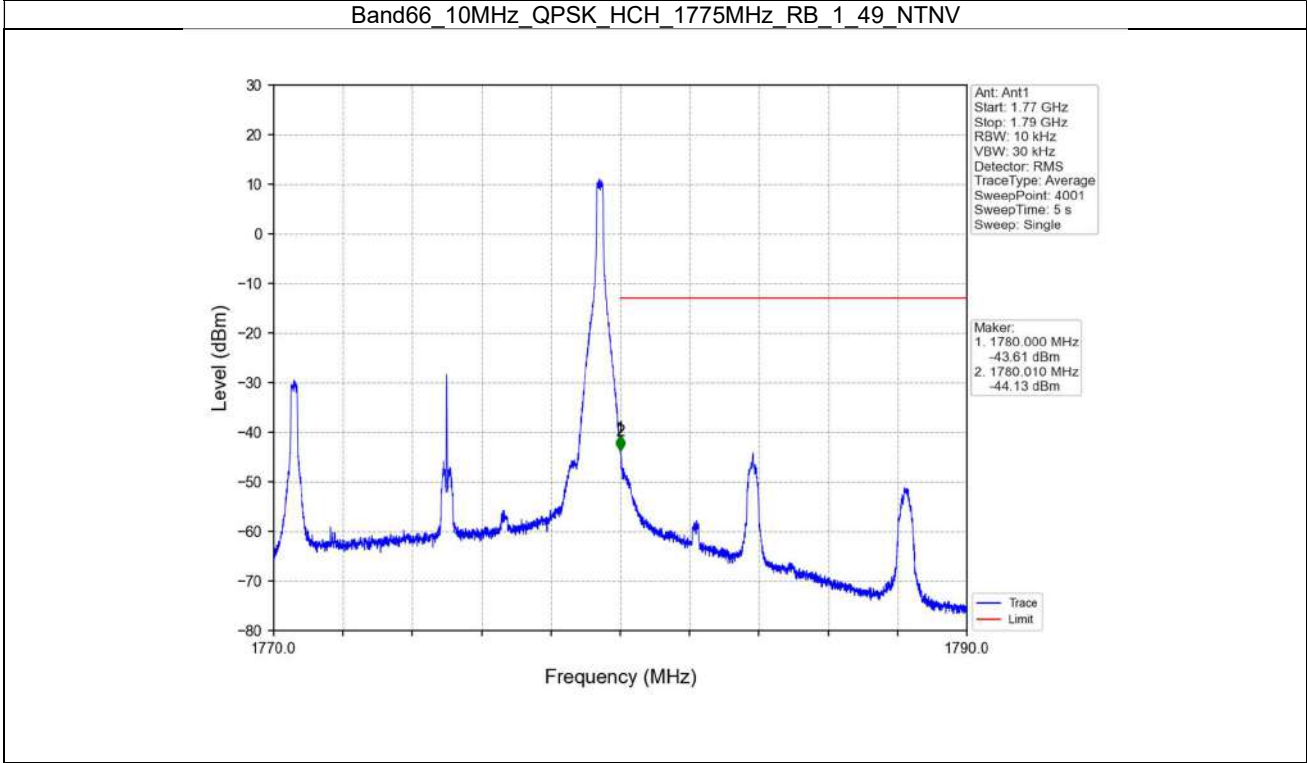
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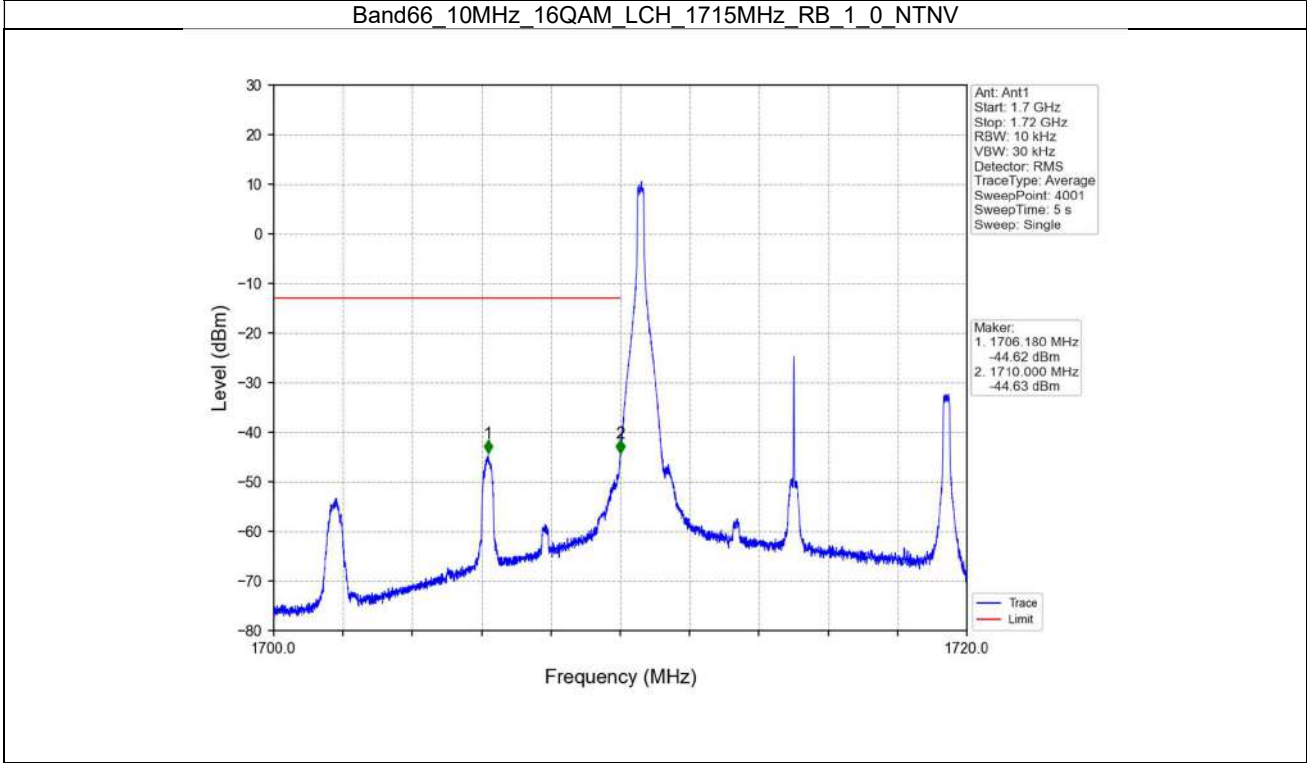
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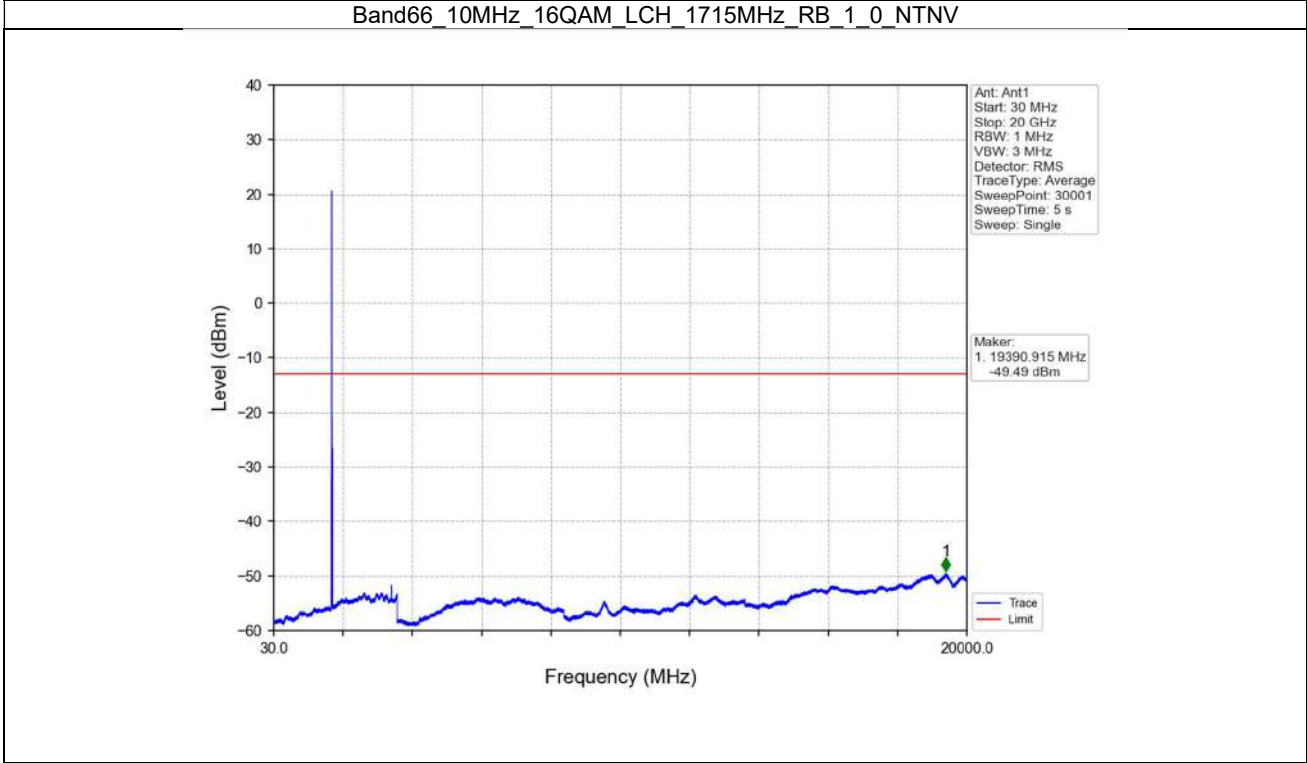


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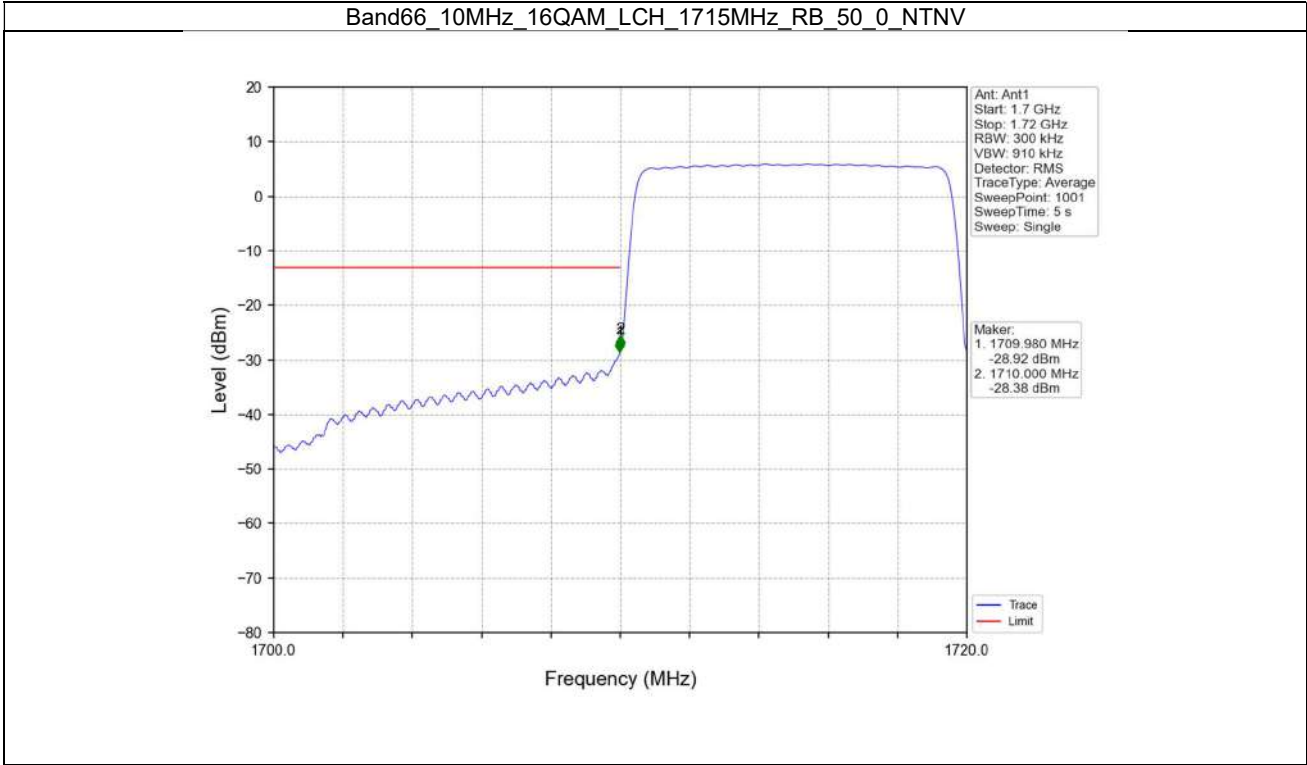
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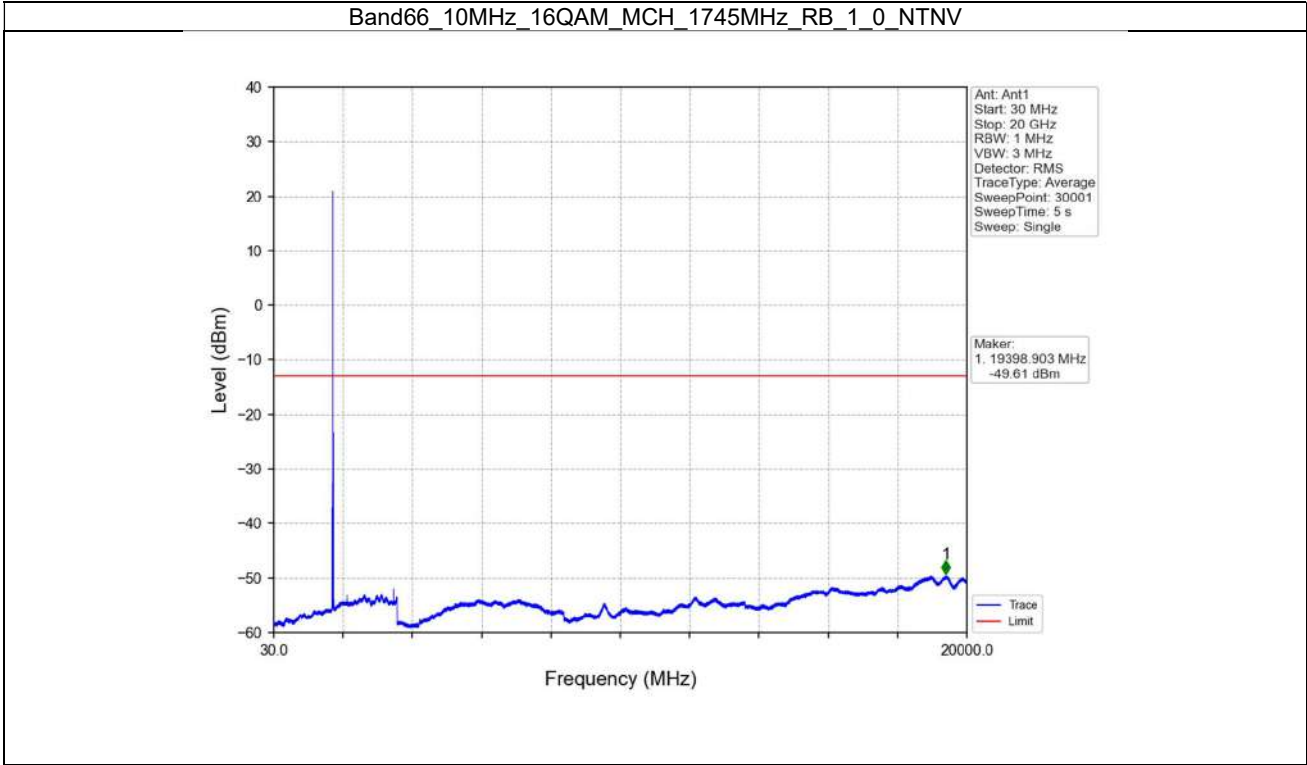
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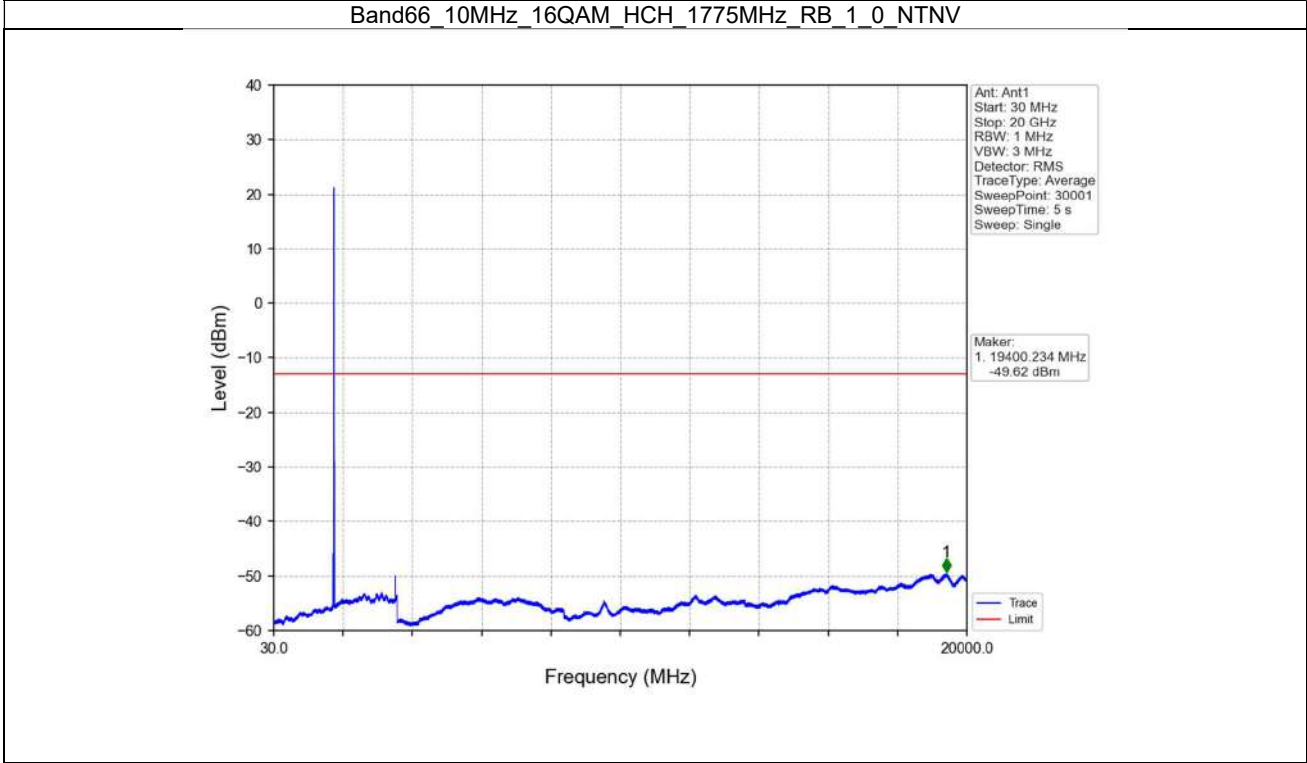


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Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV

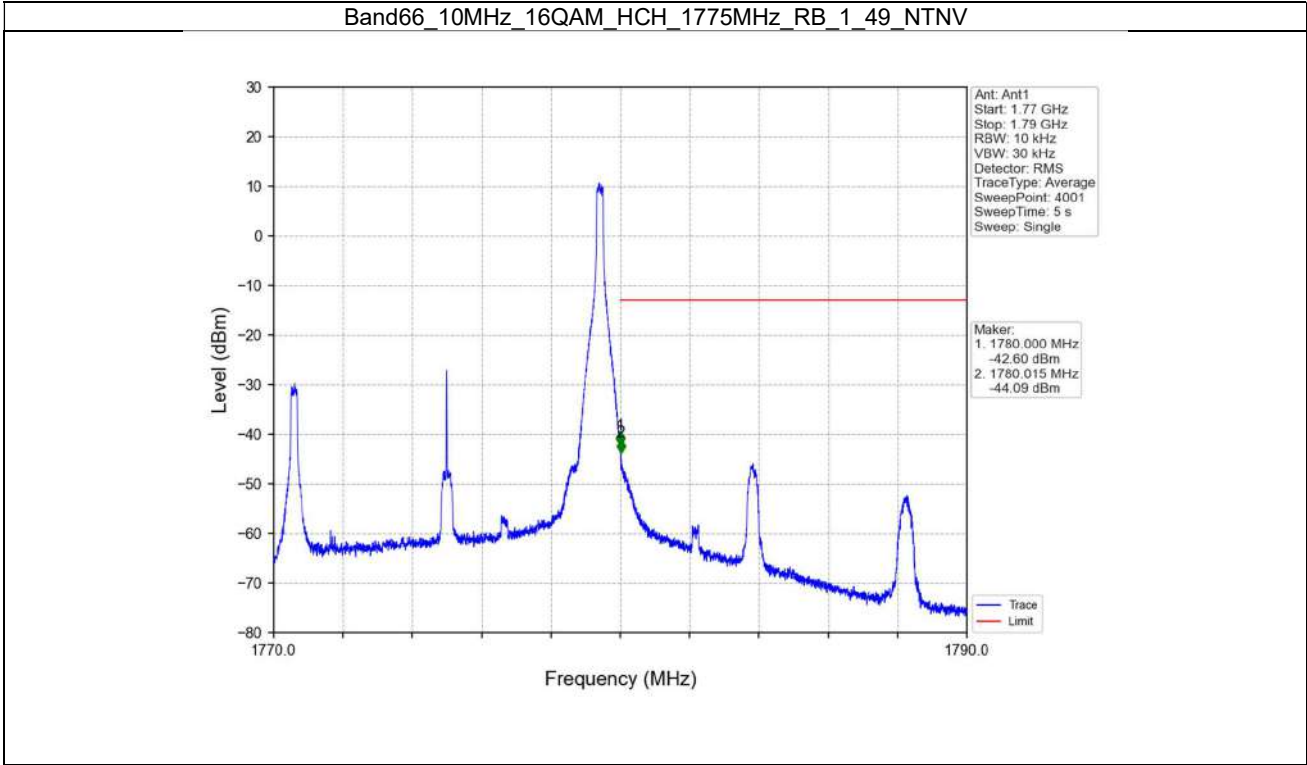


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6.5 B66_15MHz

6.5.1 Test Result

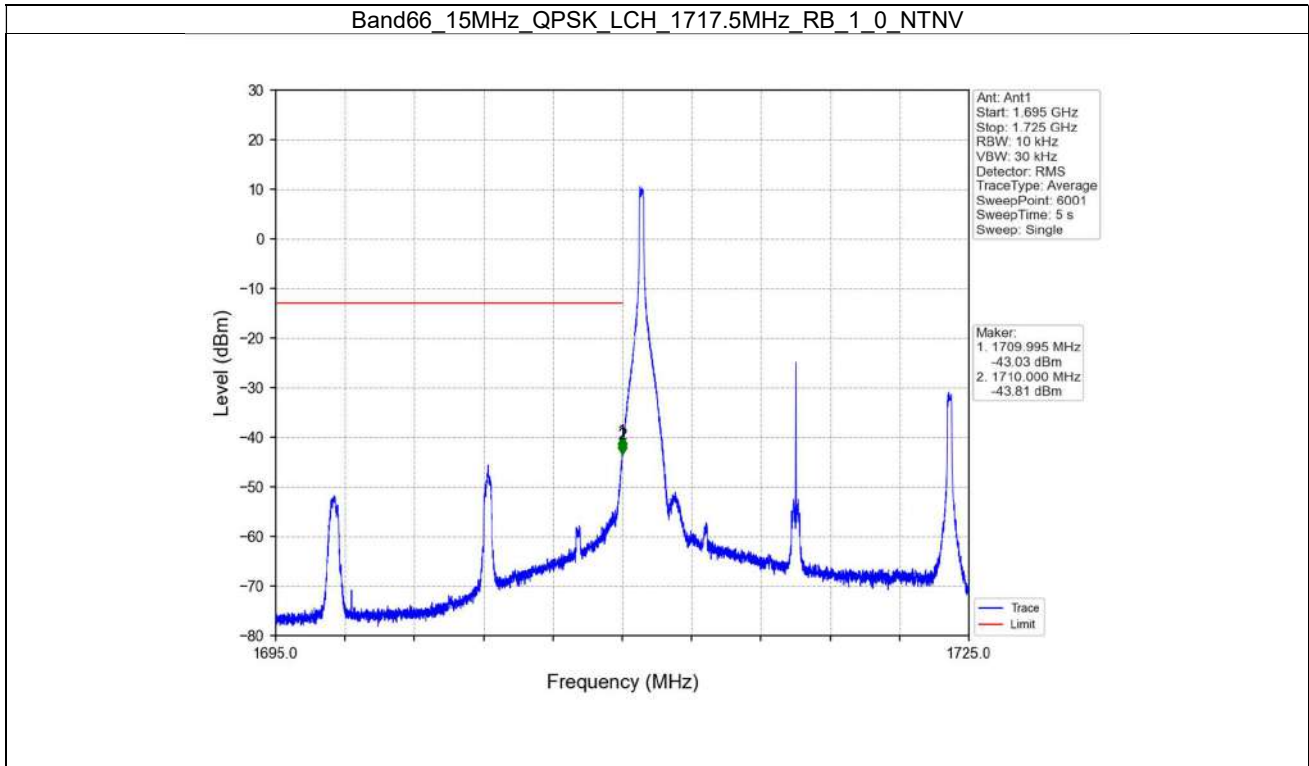
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	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
			0	Refer To Test Graph		Pass



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6.5.2 Test Graph



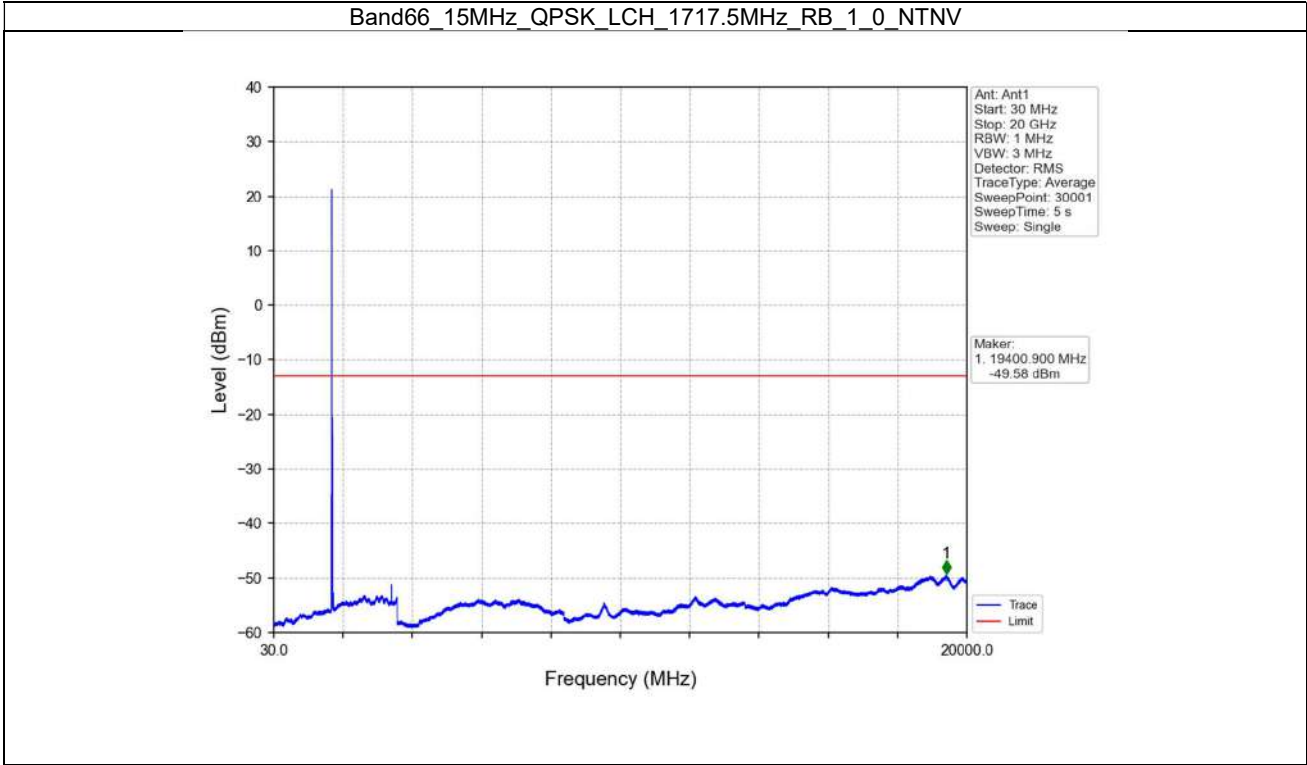
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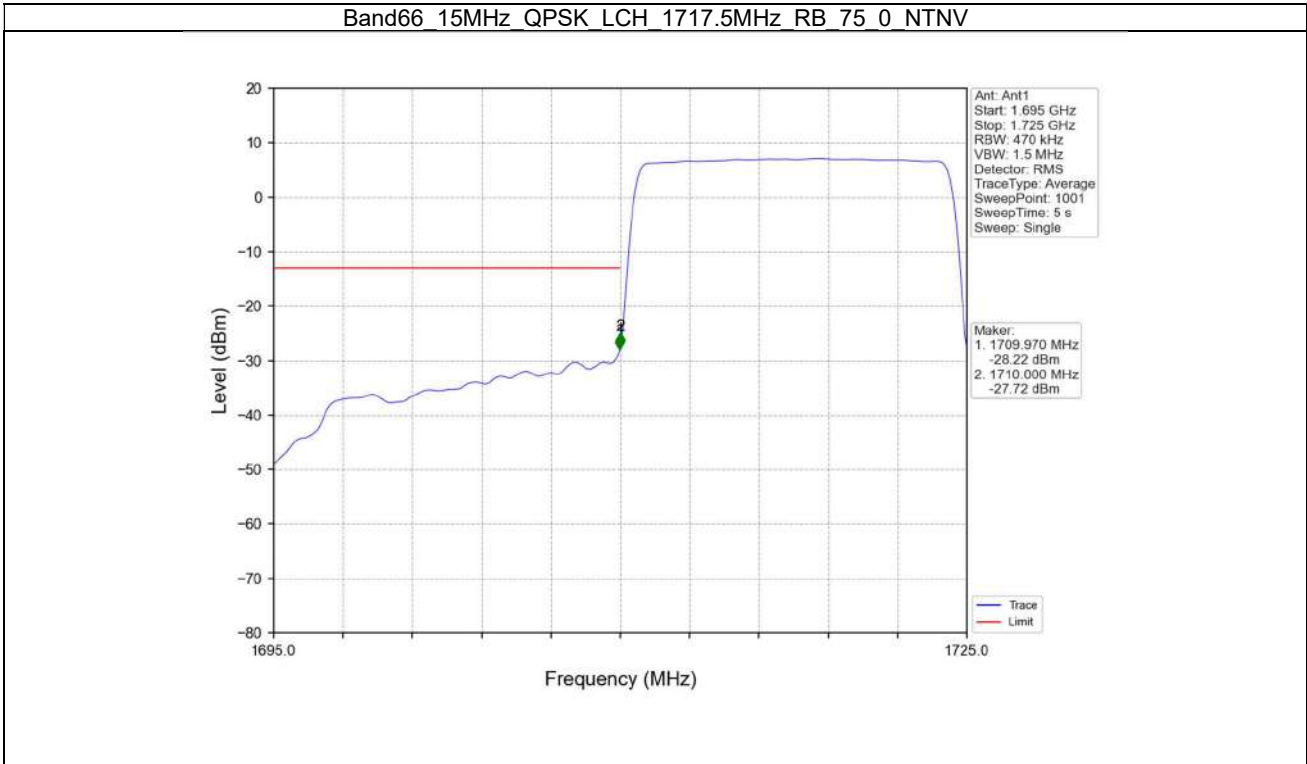
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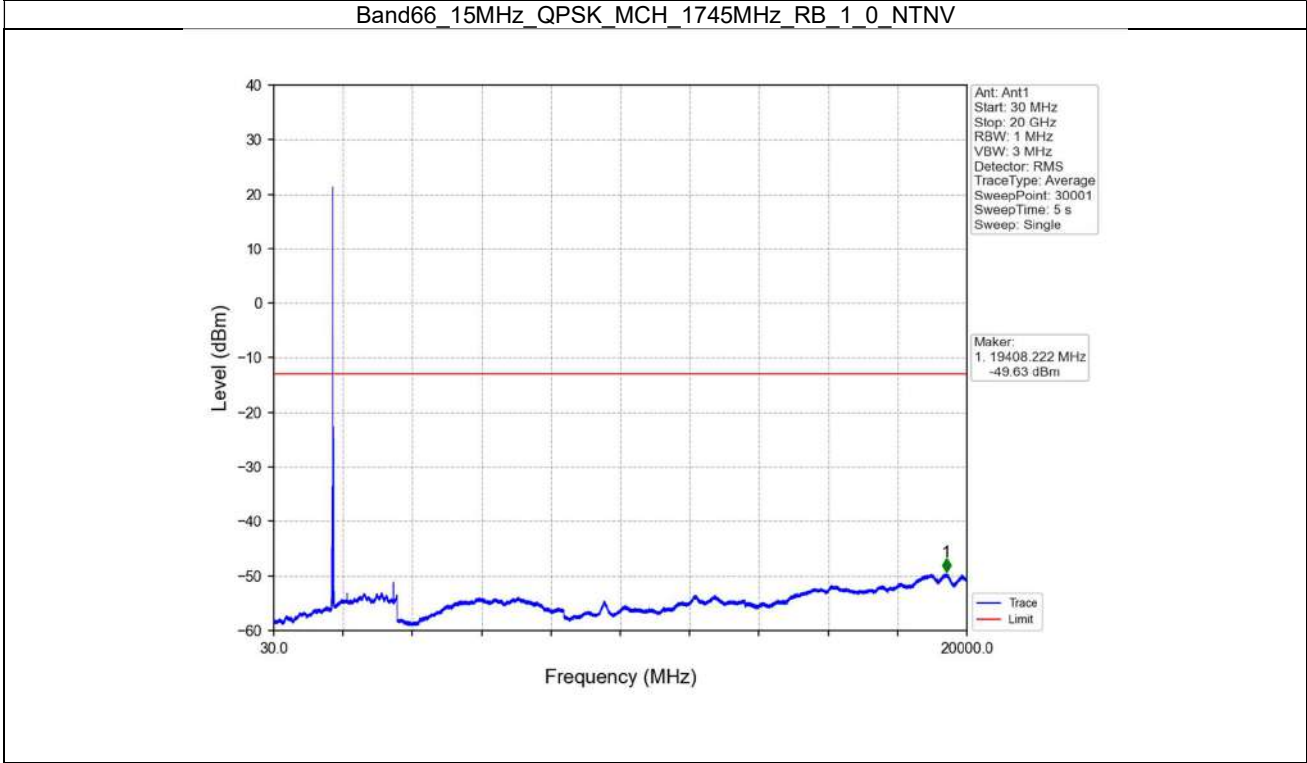


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Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

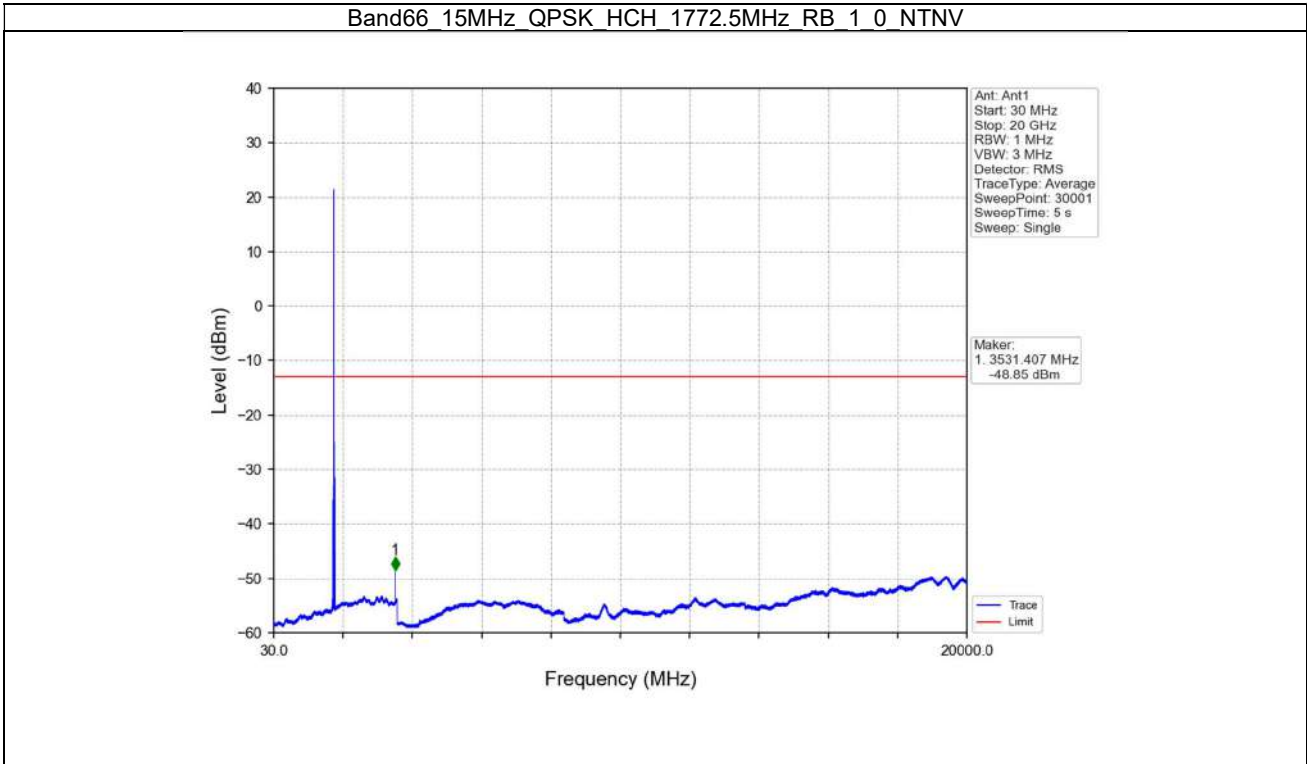


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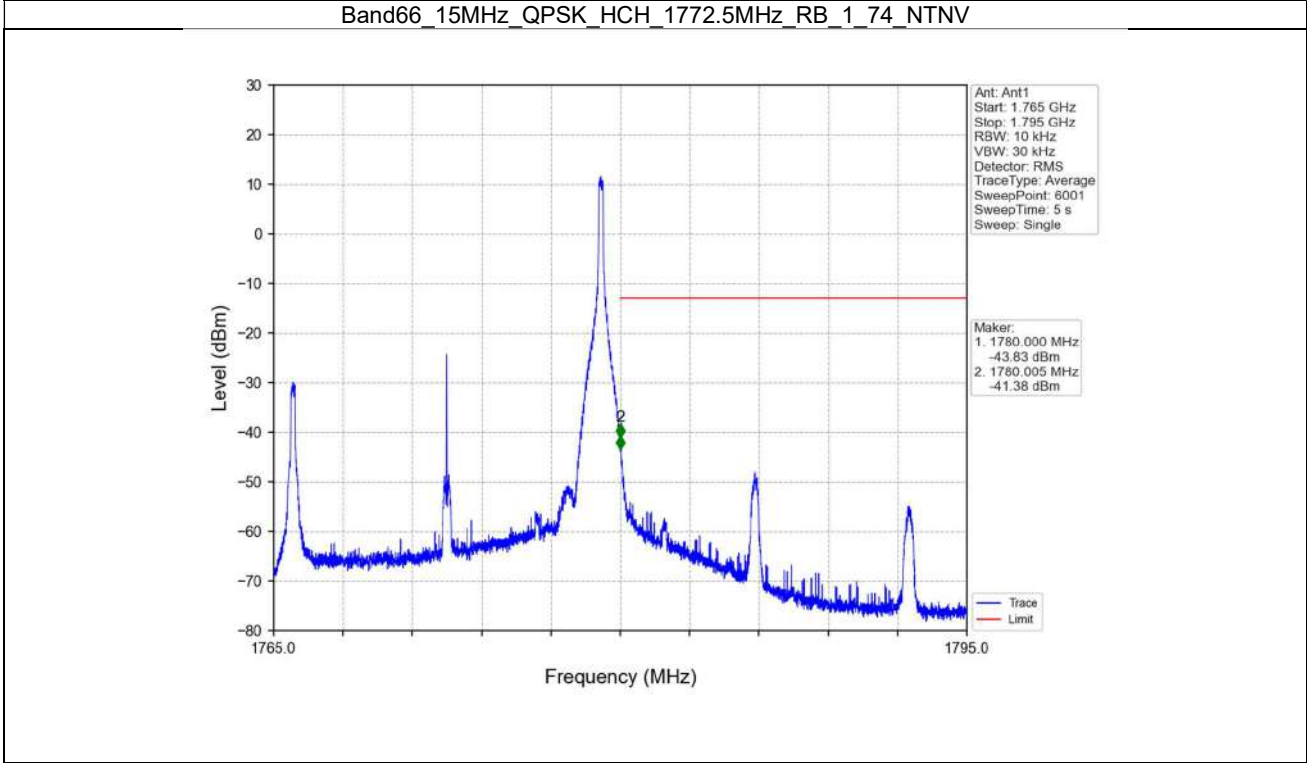
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Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



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Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



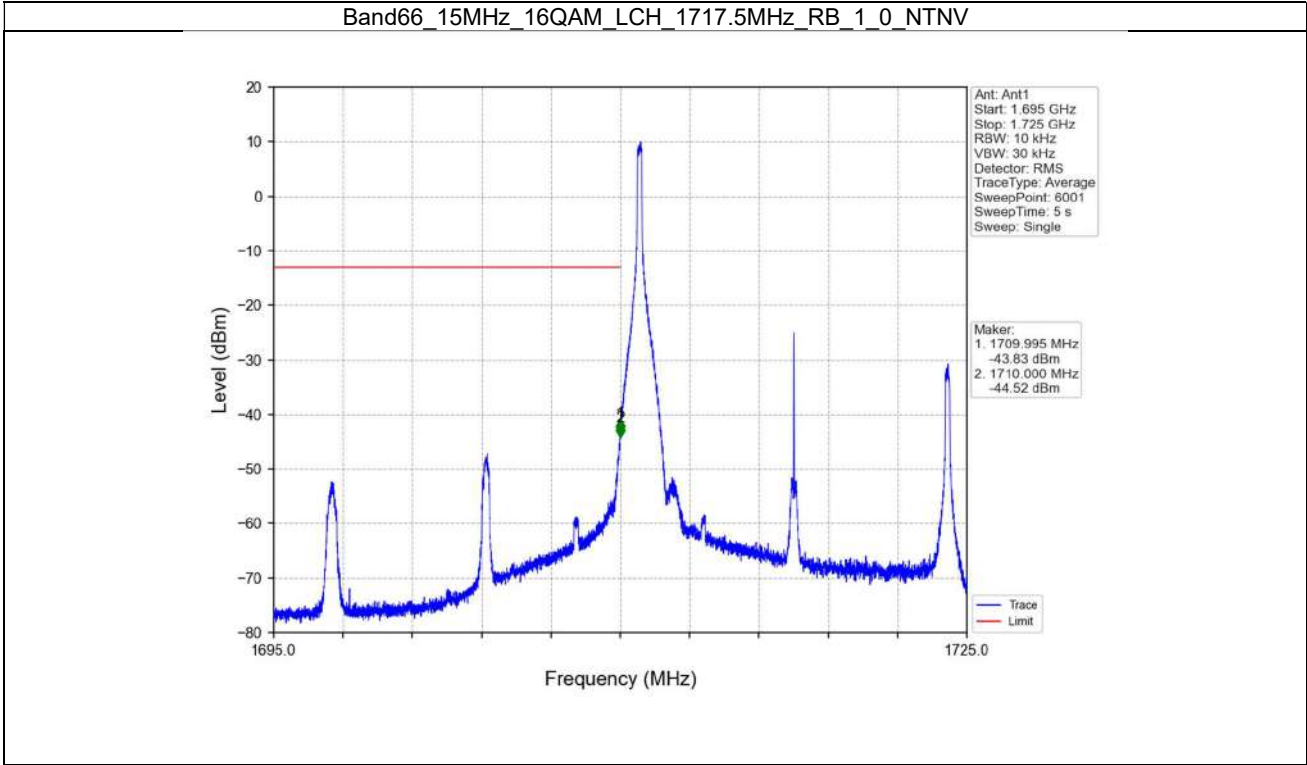
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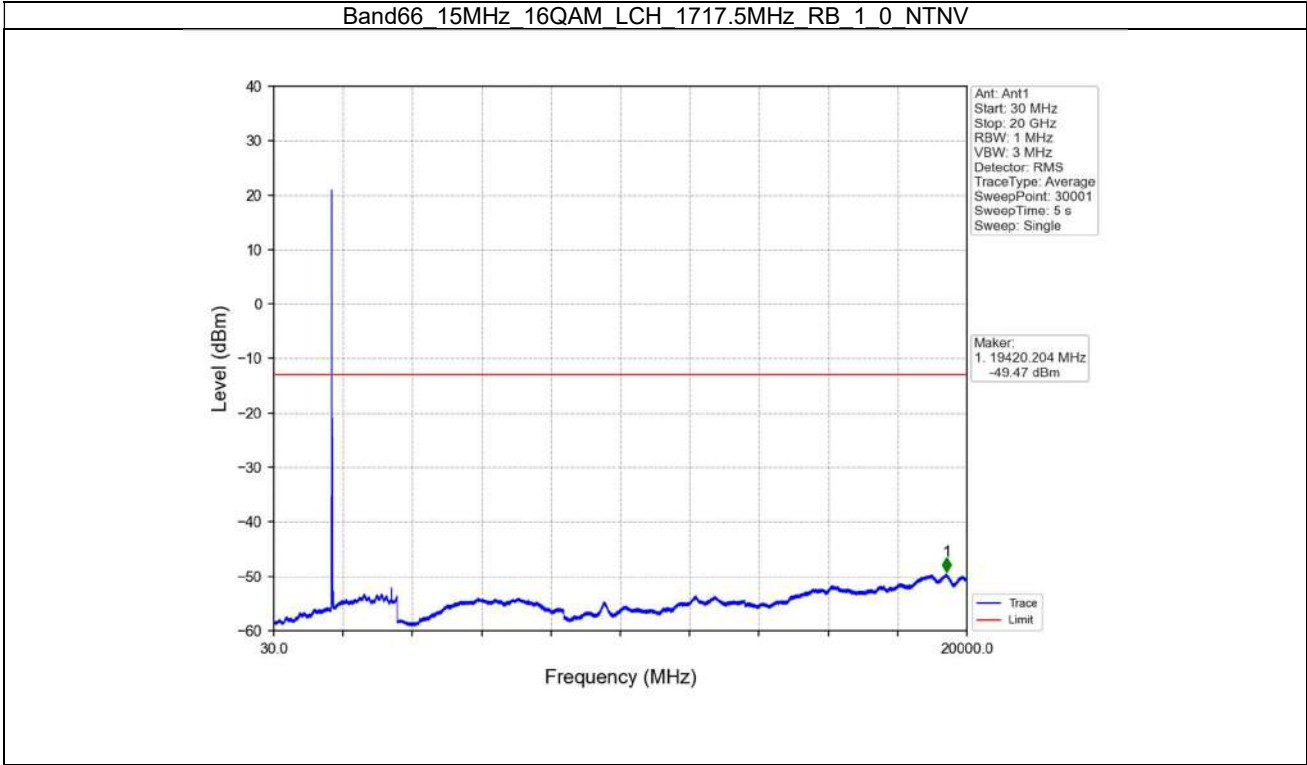
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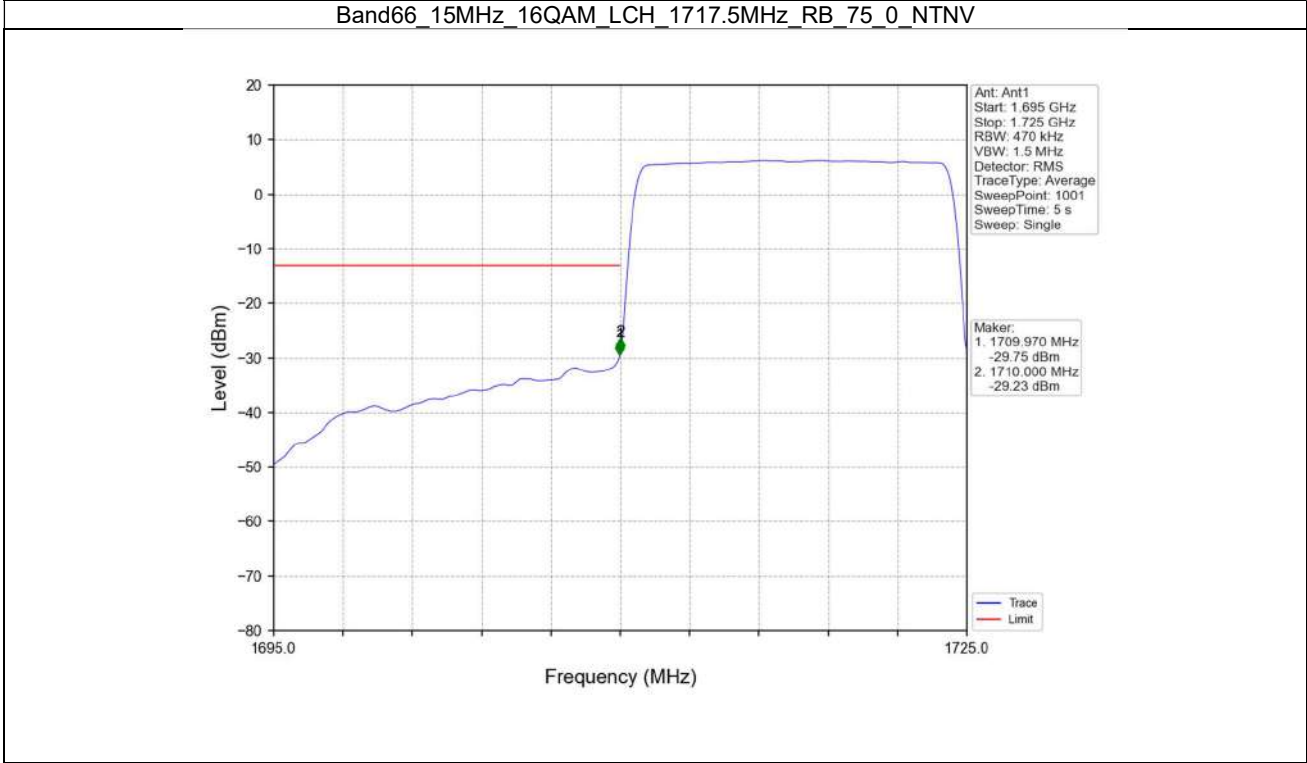


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Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

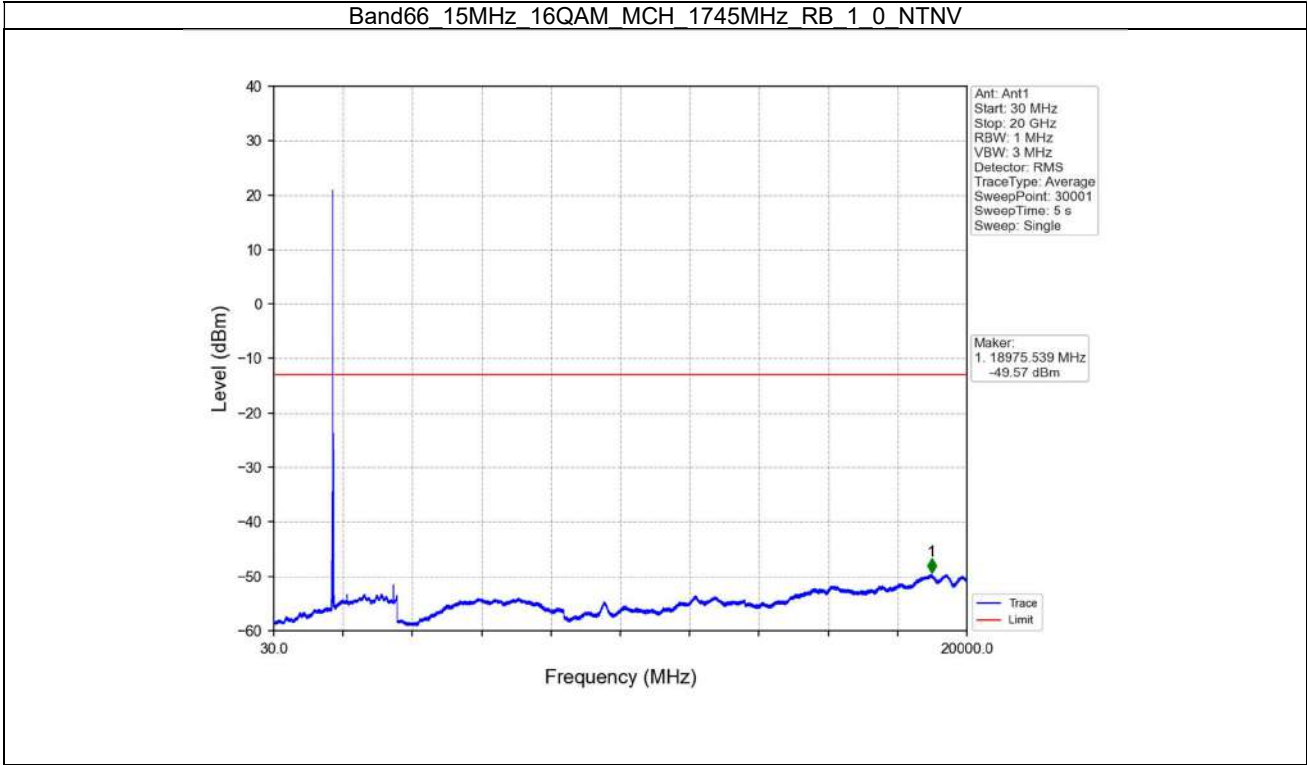


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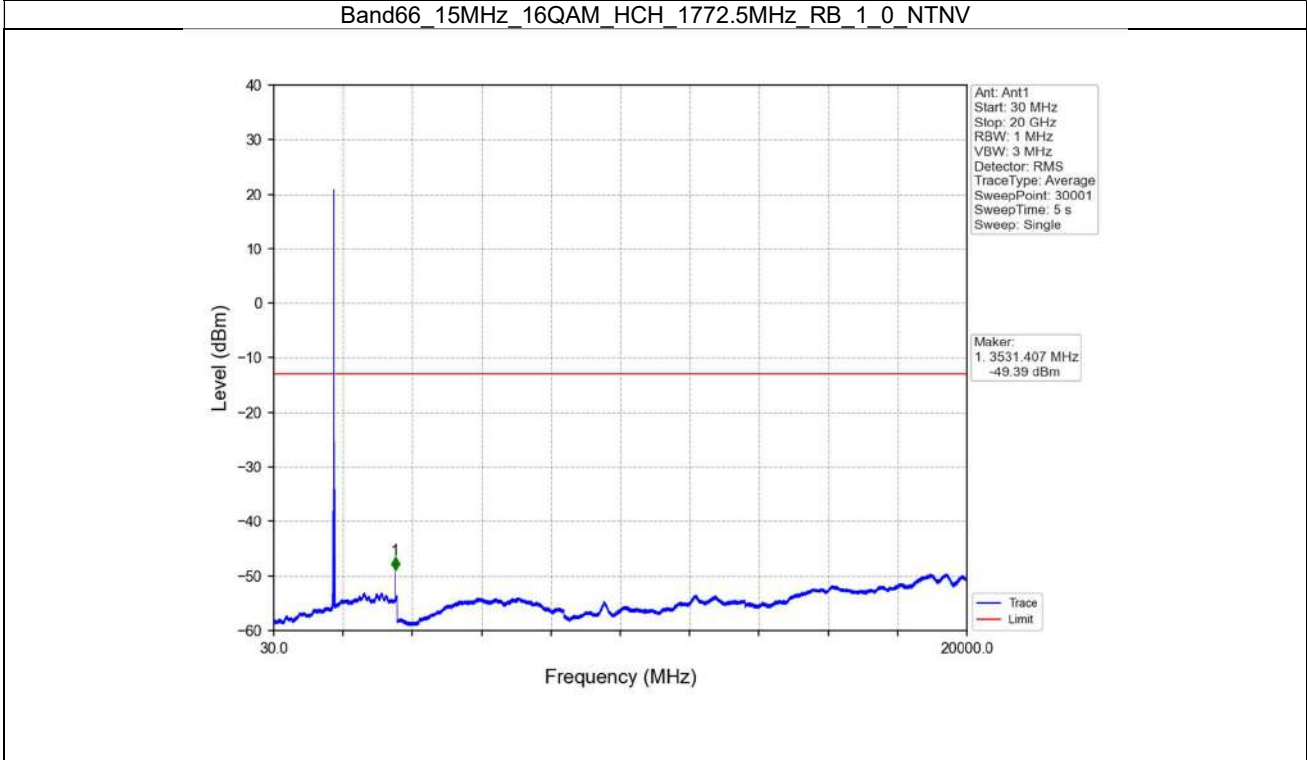


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Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



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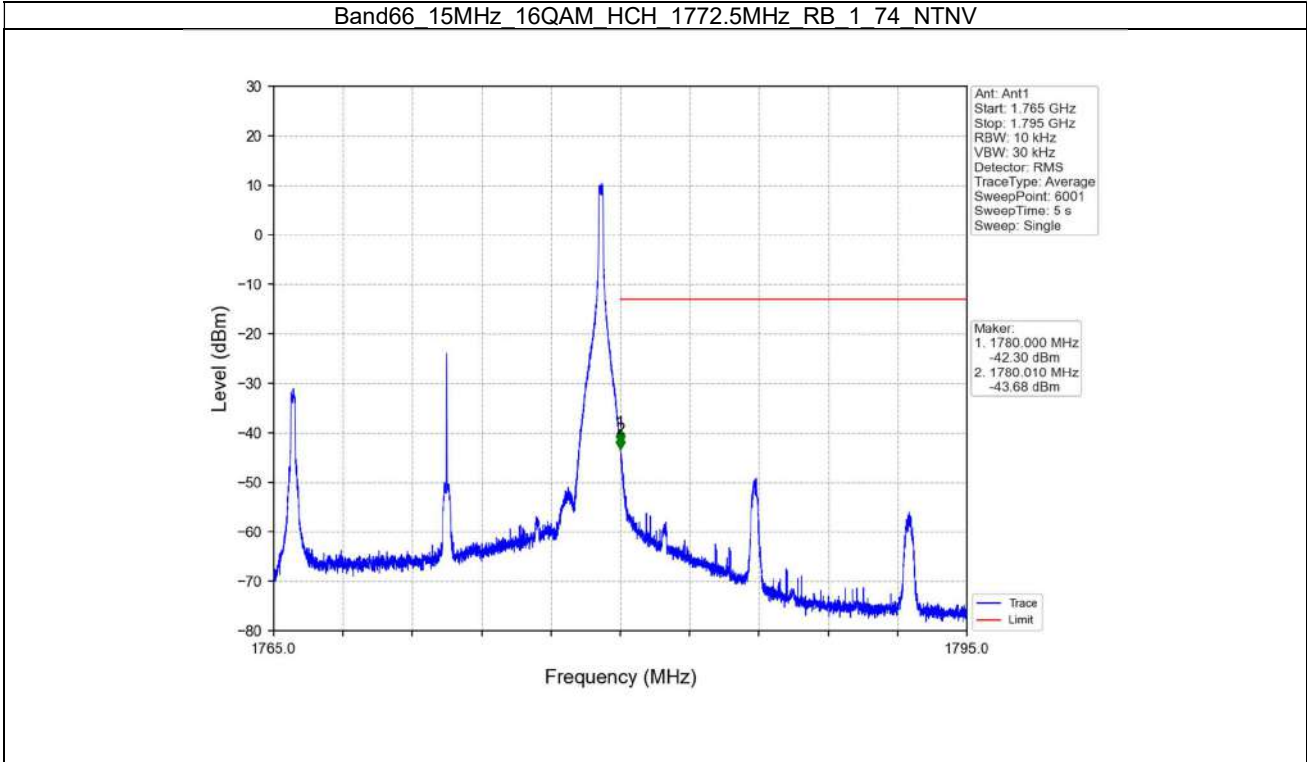
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Band66 15MHz 16QAM HCH 1772.5MHz RB 1 74 NTV



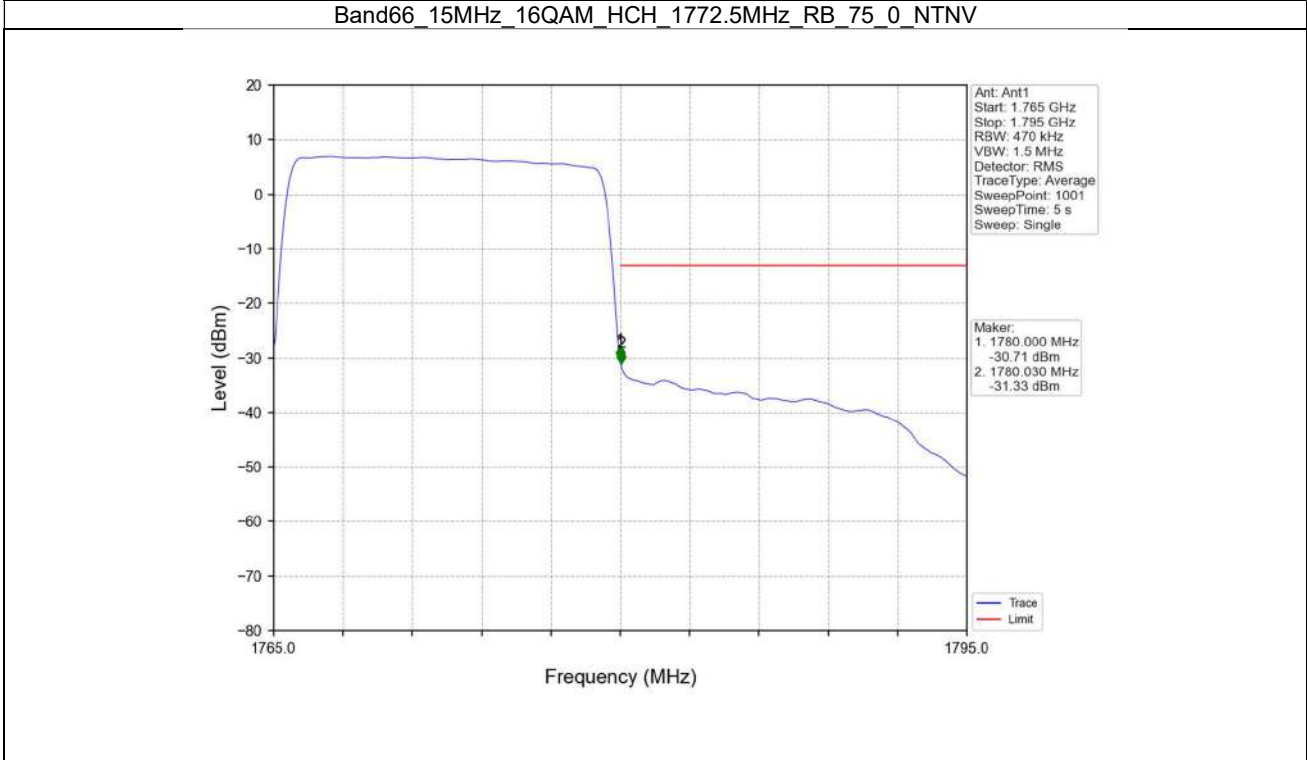
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Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



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6.6 B66_20MHz

6.6.1 Test Result

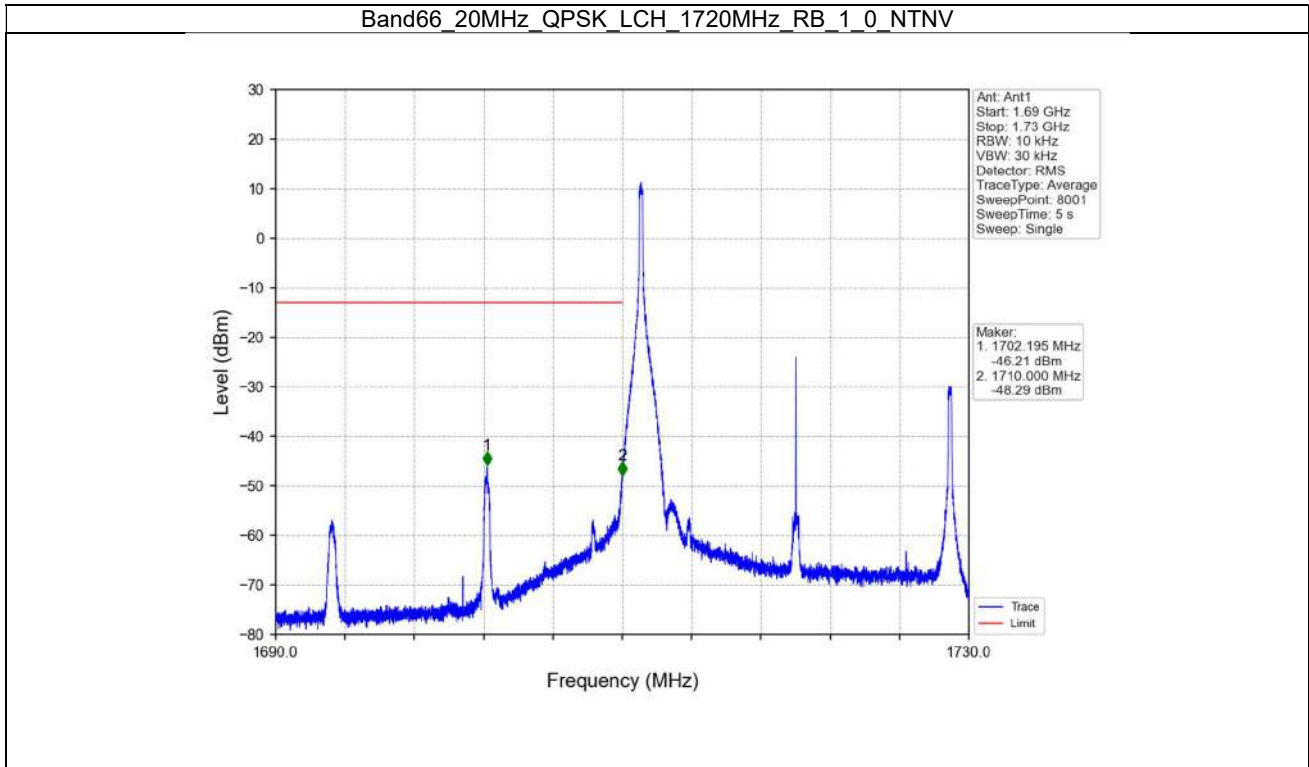
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		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	
		100	0	Refer To Test Graph		Pass



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6.6.2 Test Graph

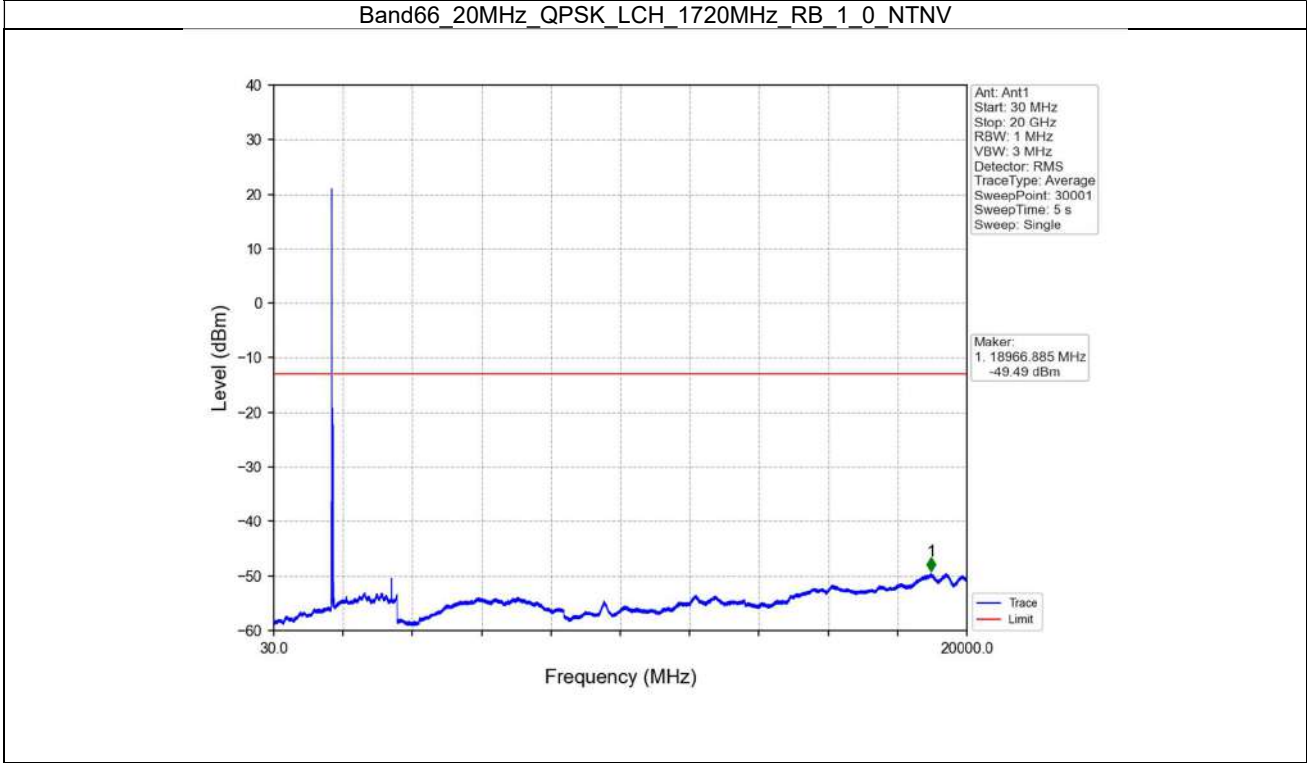


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Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

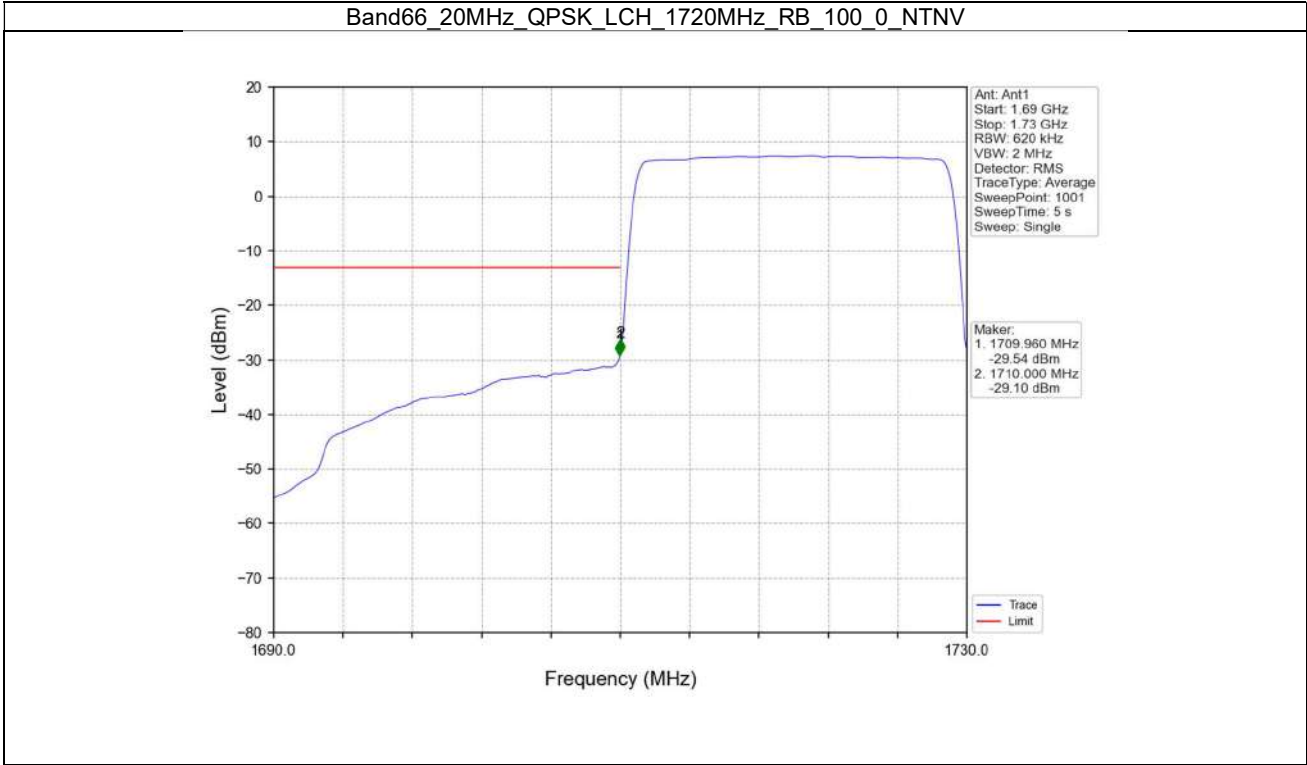


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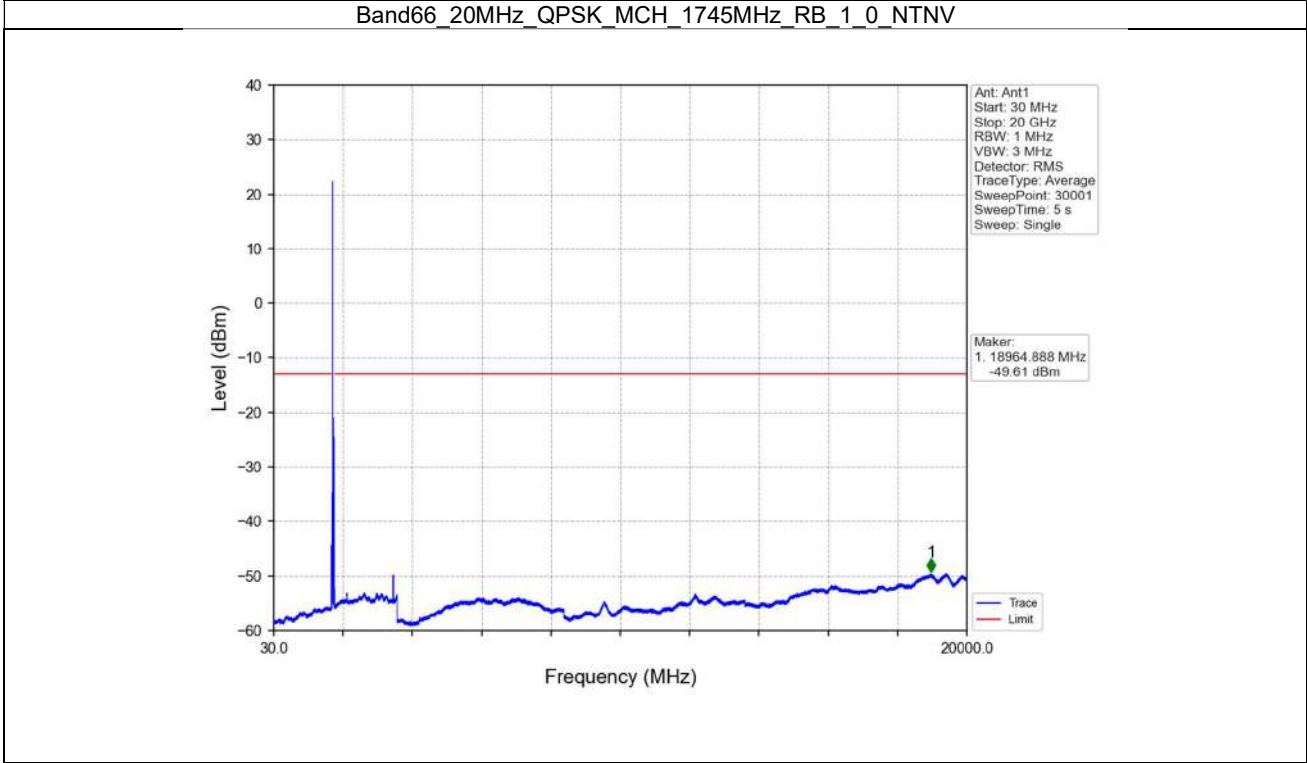


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Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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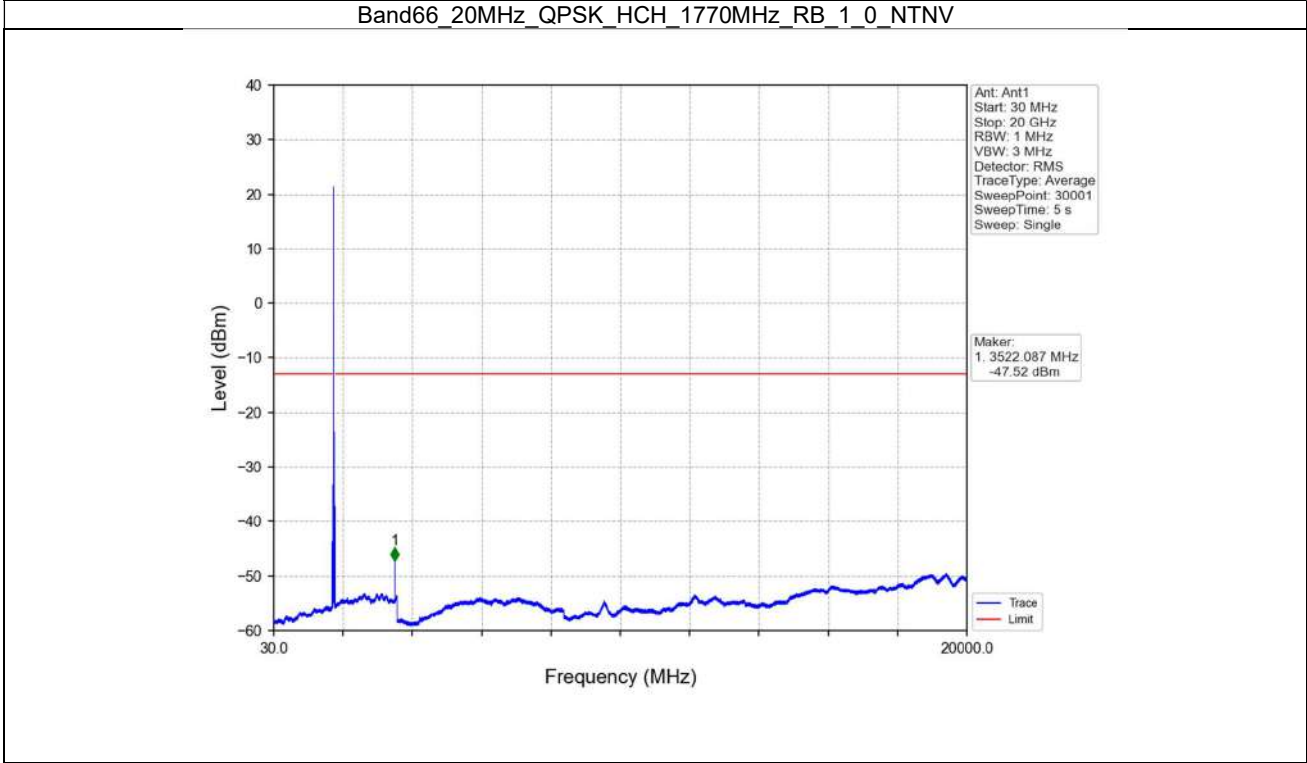
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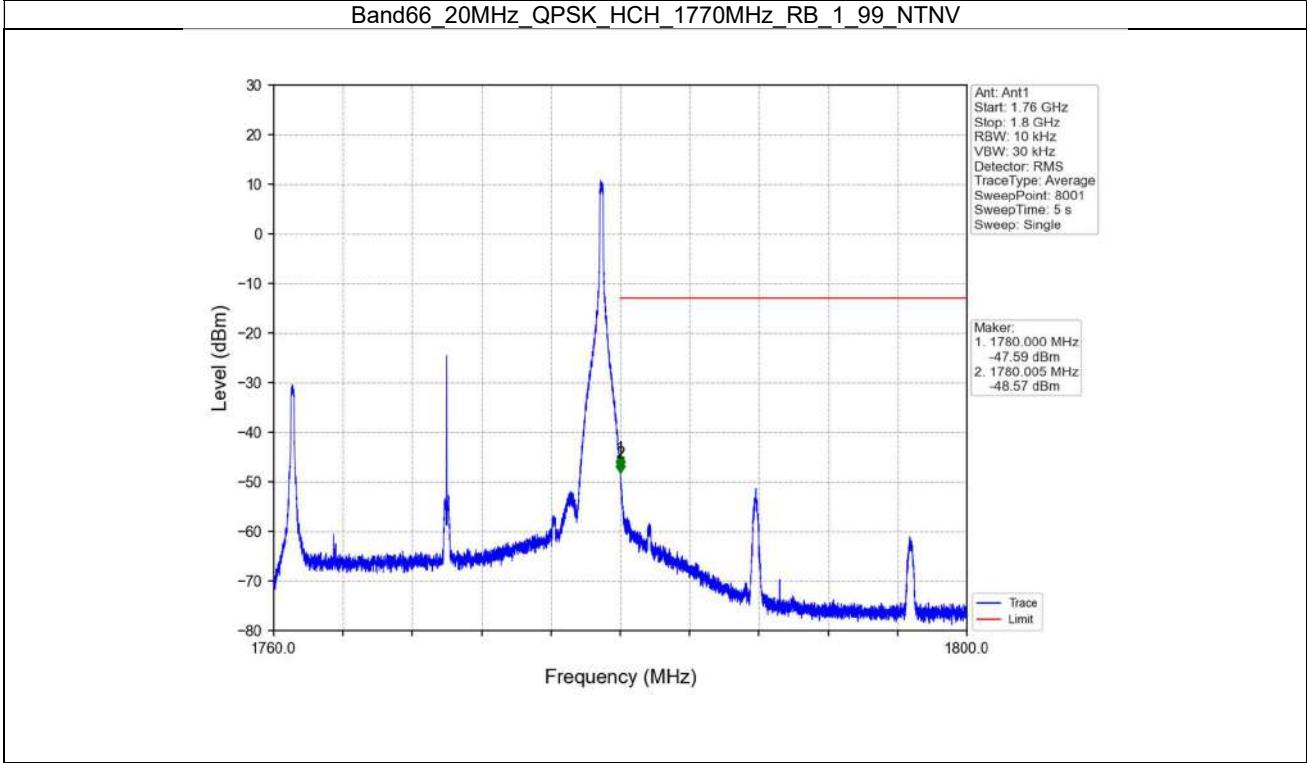
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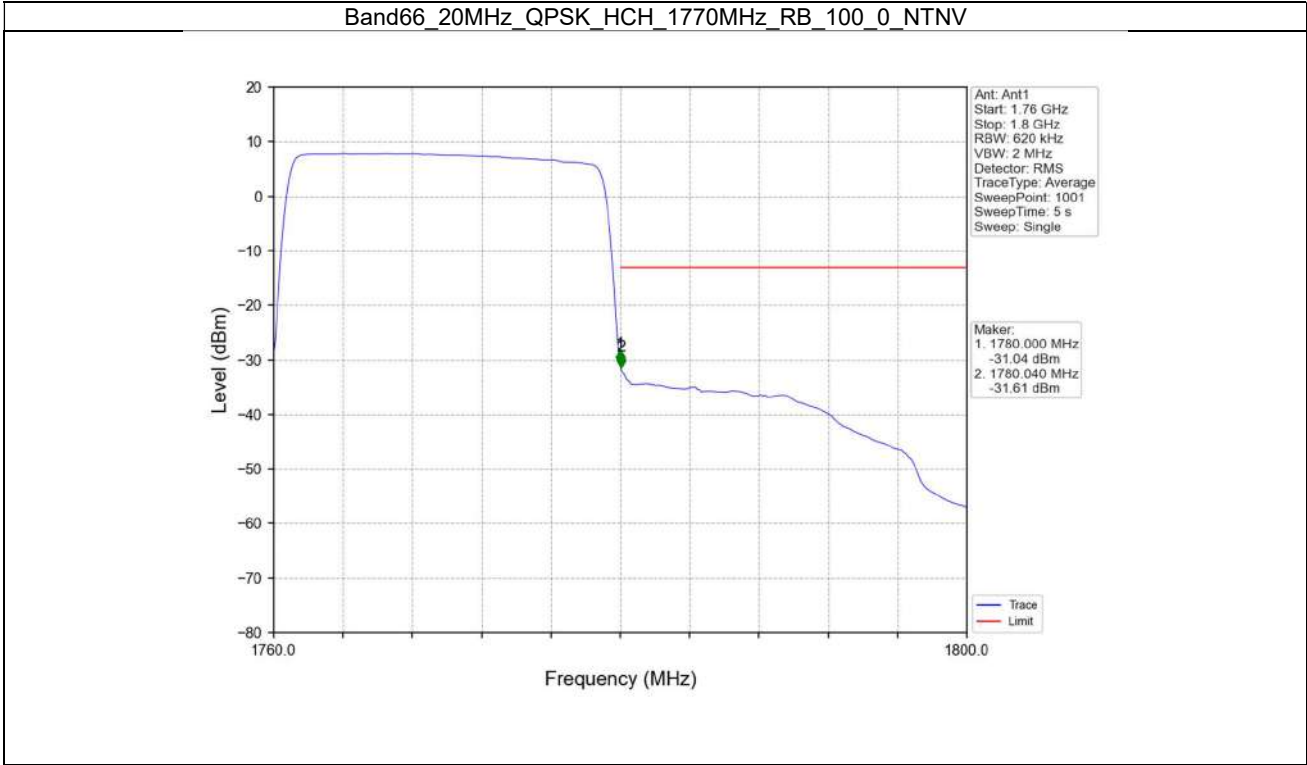
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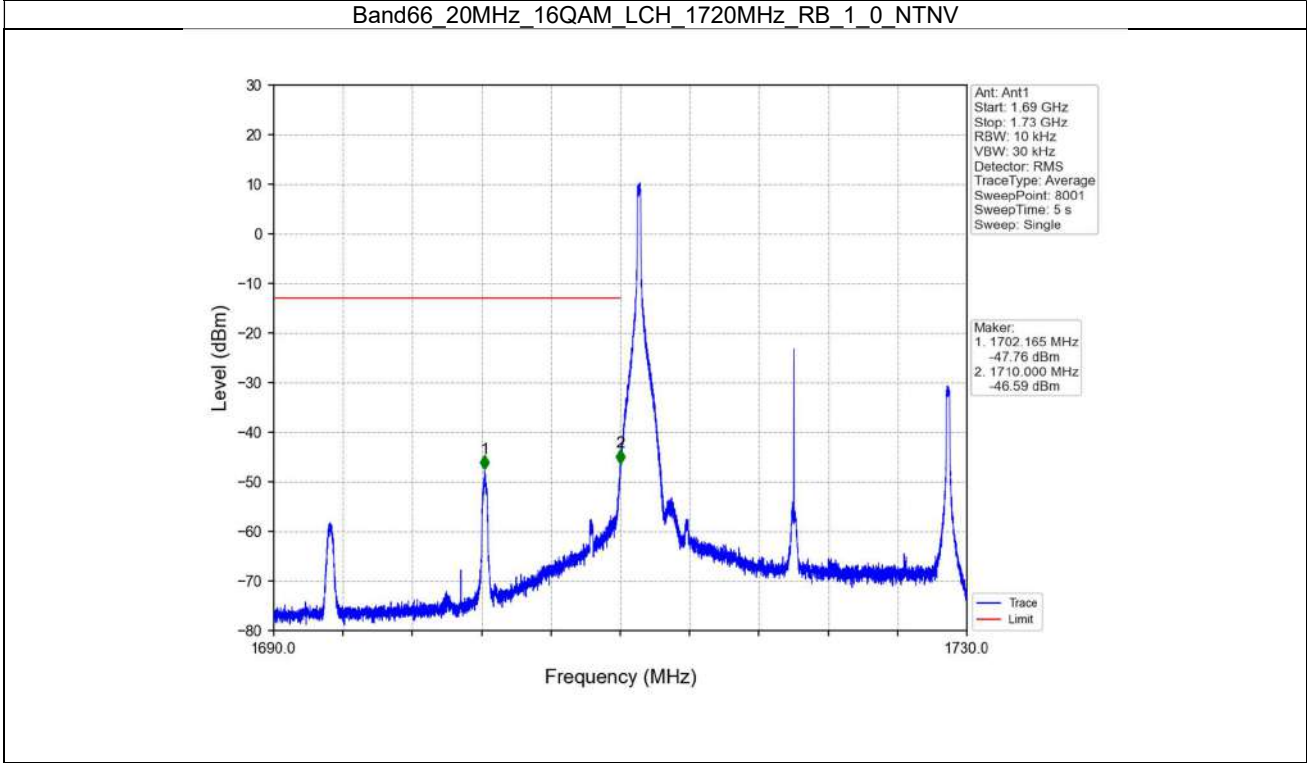


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Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

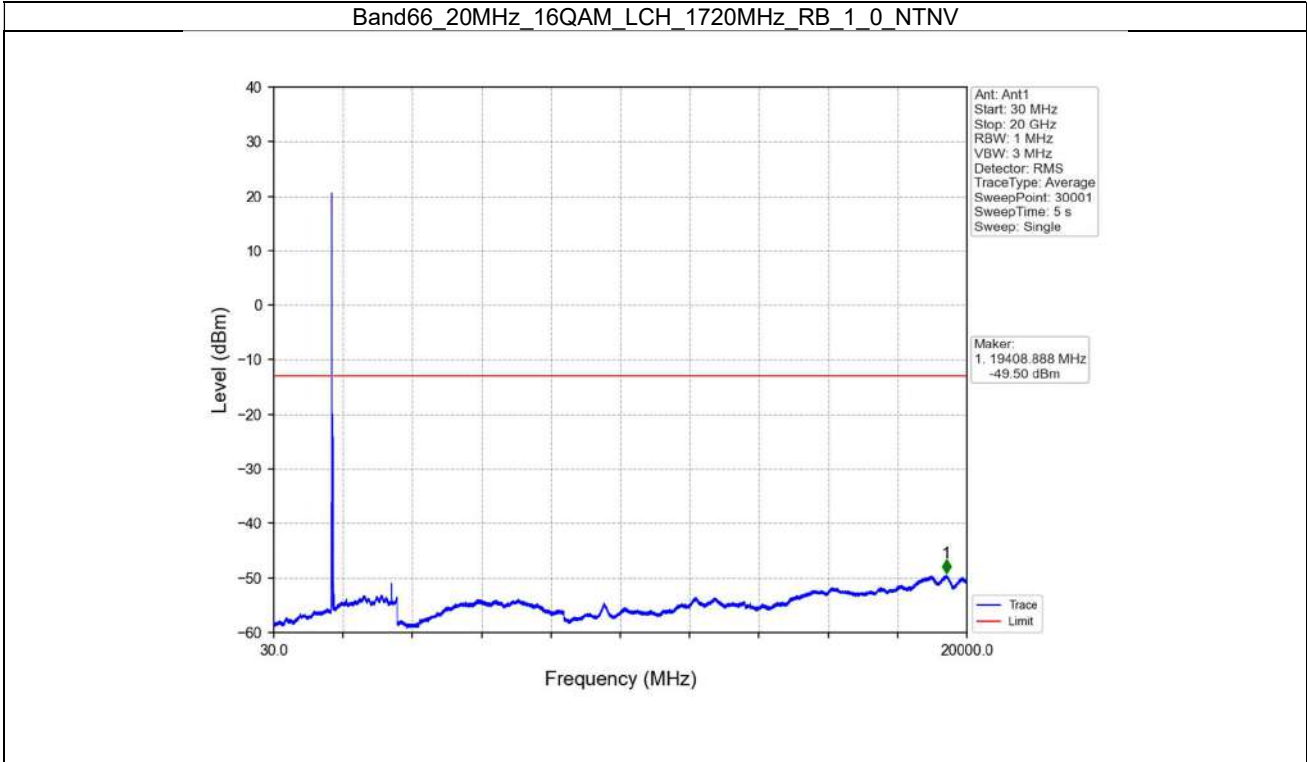


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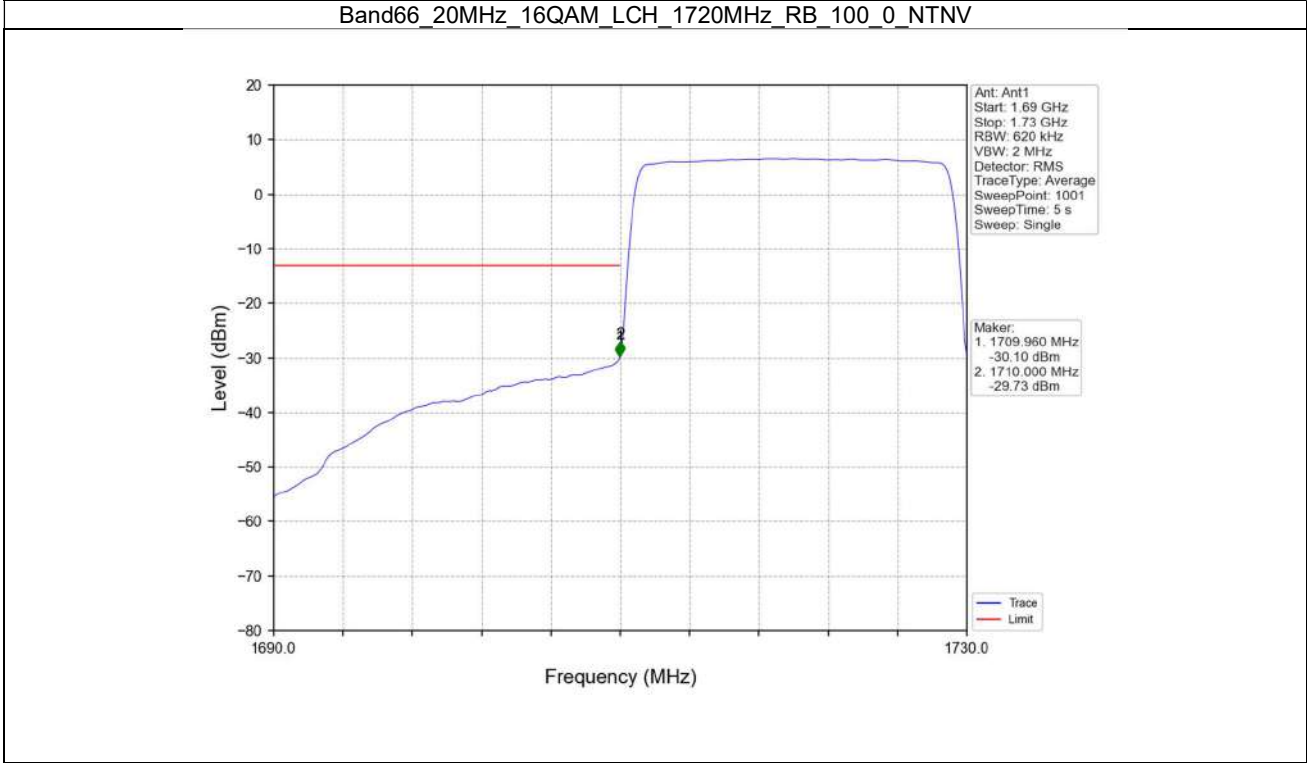
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Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



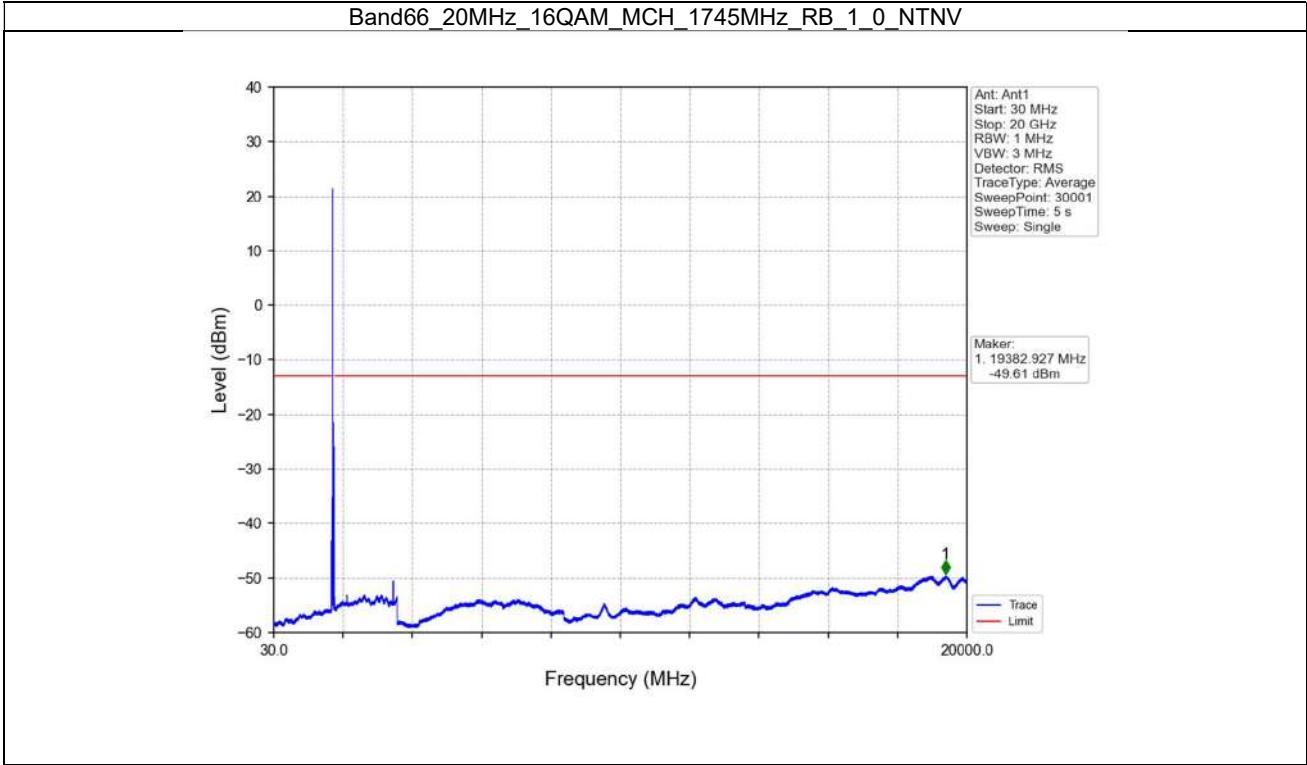
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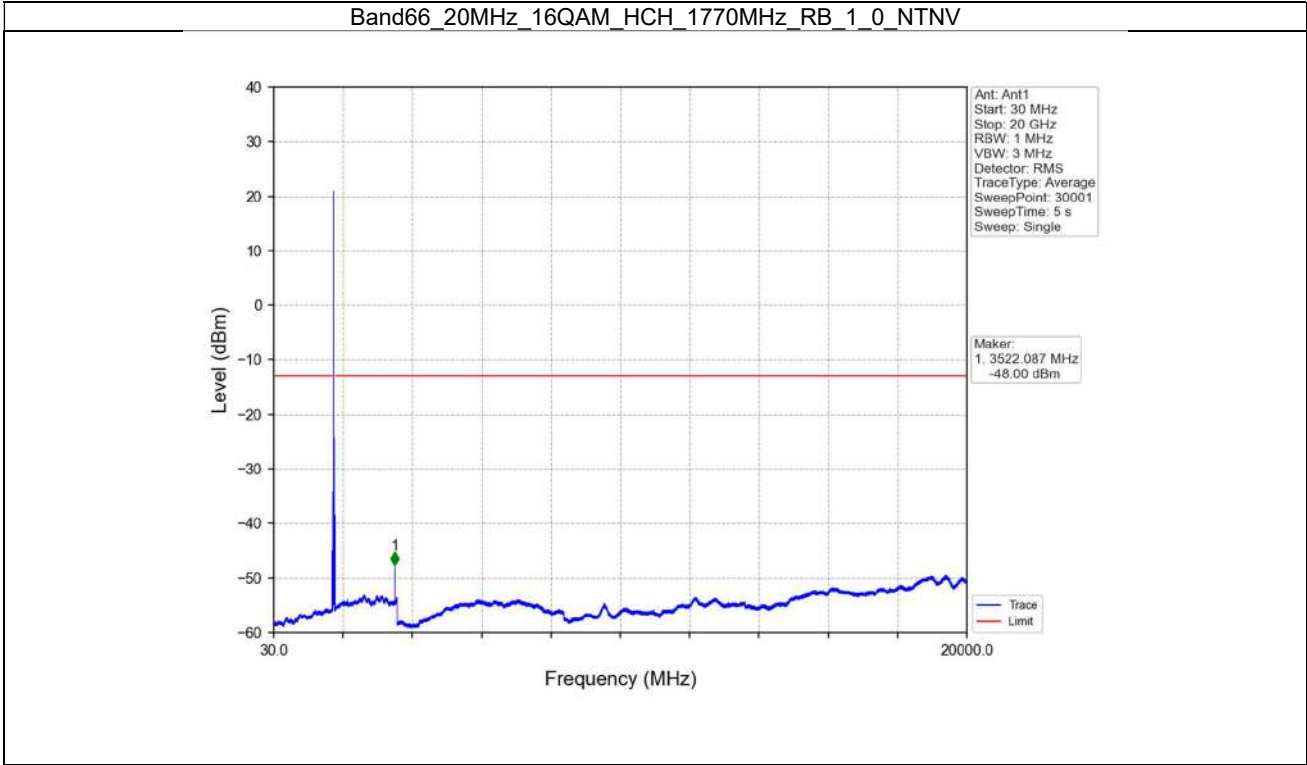
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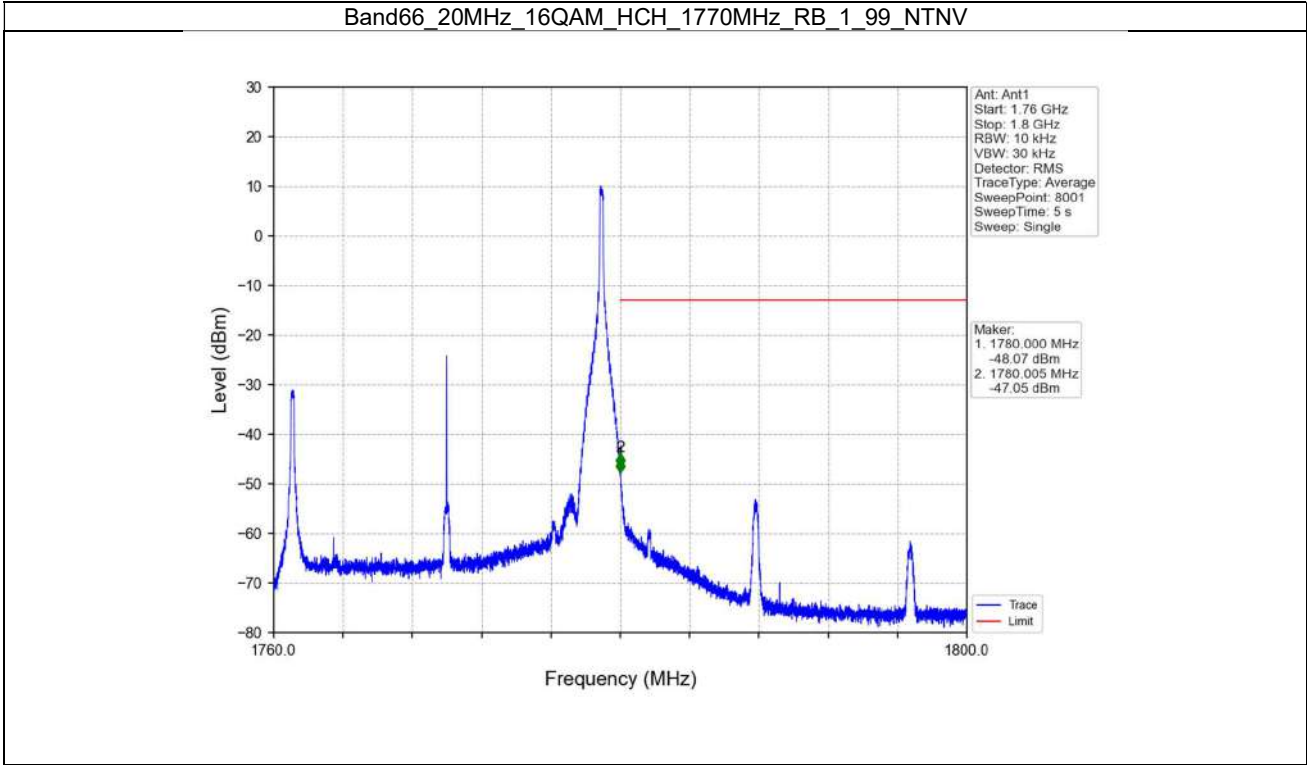
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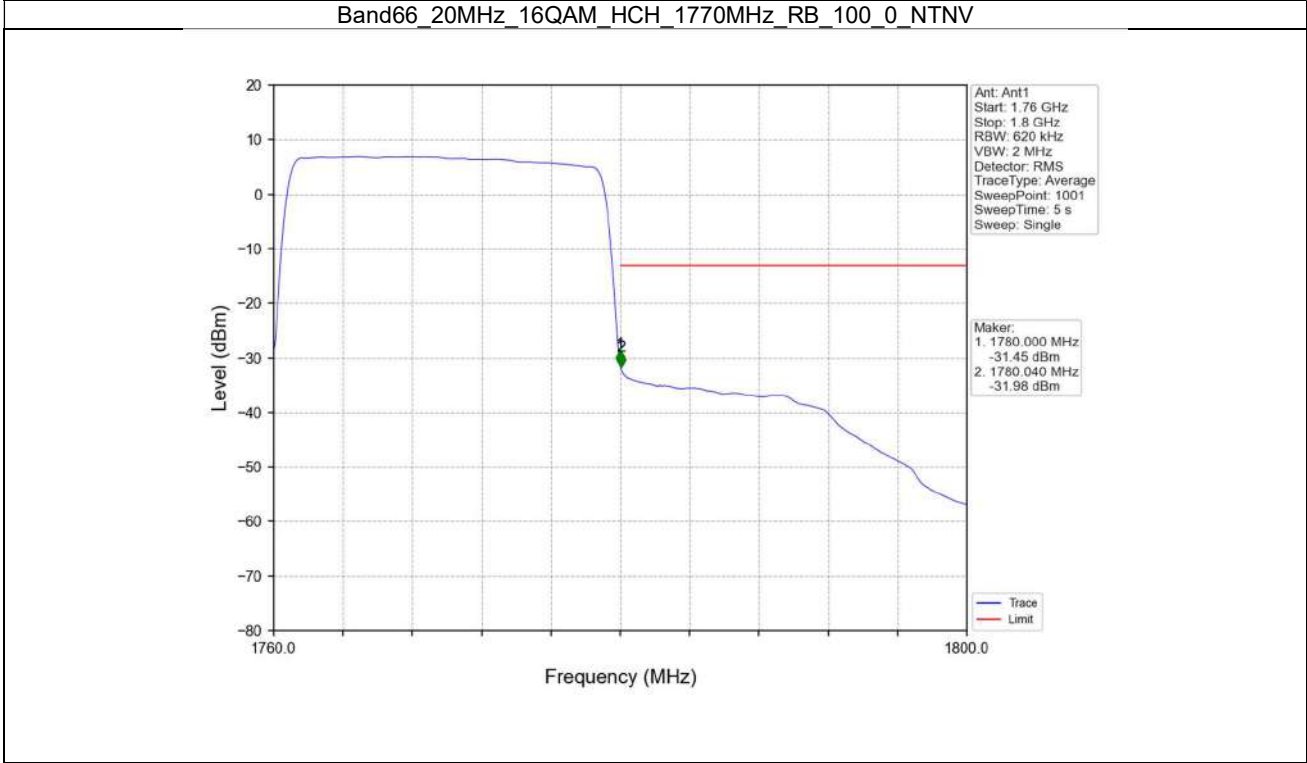


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Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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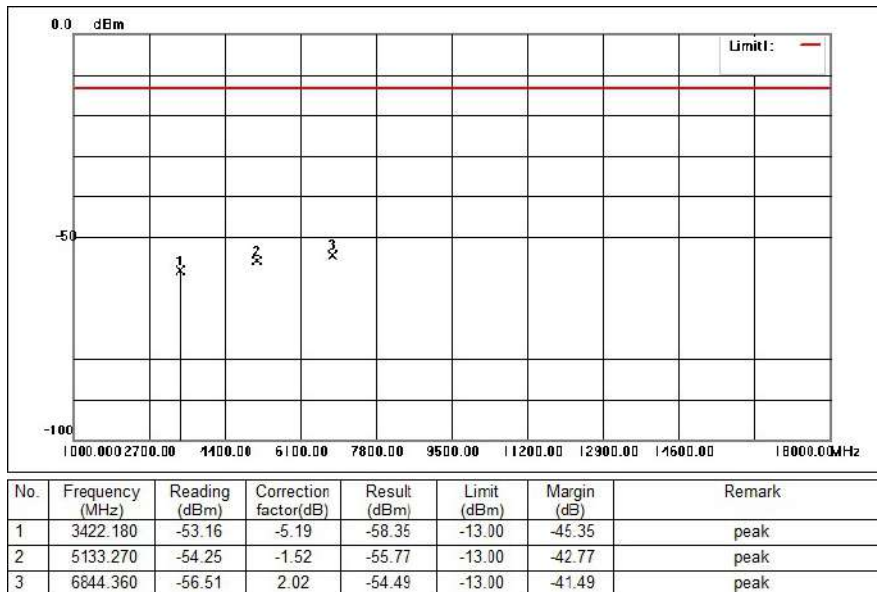
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7. Field Strength of Spurious Radiation

Up Antenna

LTE BAND 66-20MHz-Low channel

Polarization: H



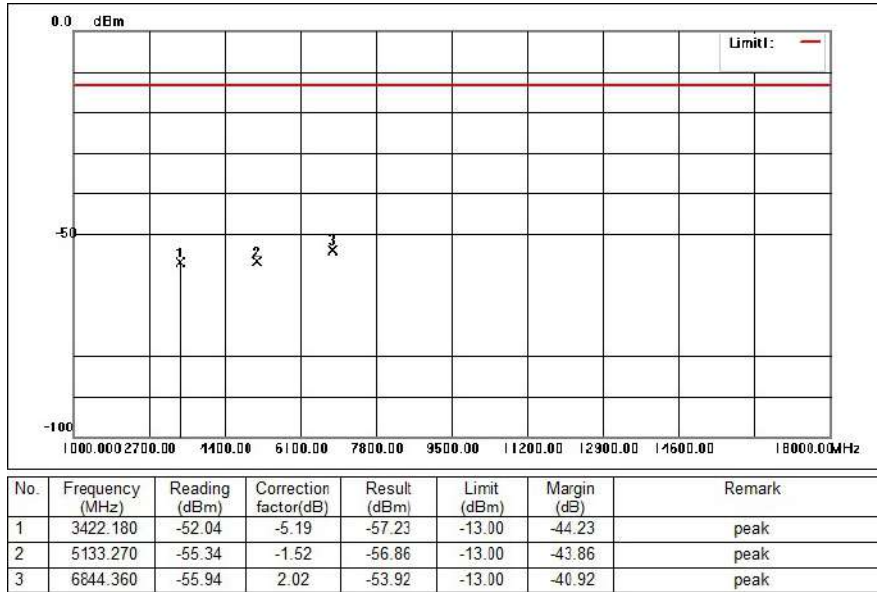
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Polarization: V



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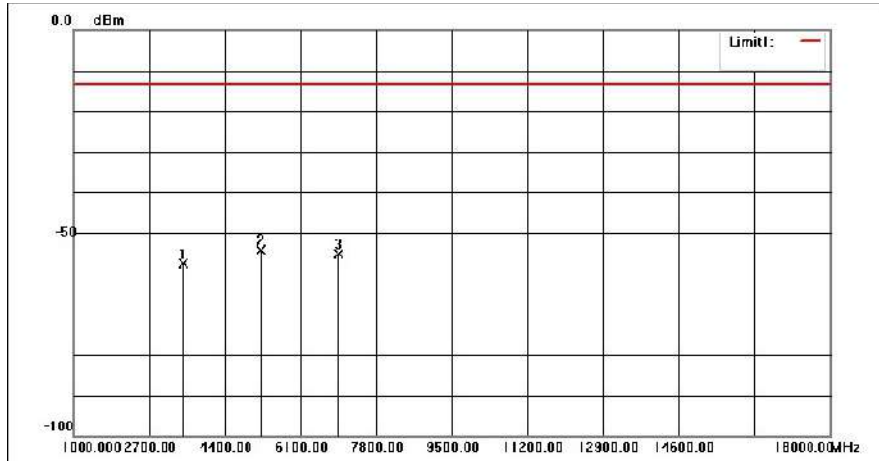
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LTE BAND 66-20MHz-Middle channel

Polarization: H



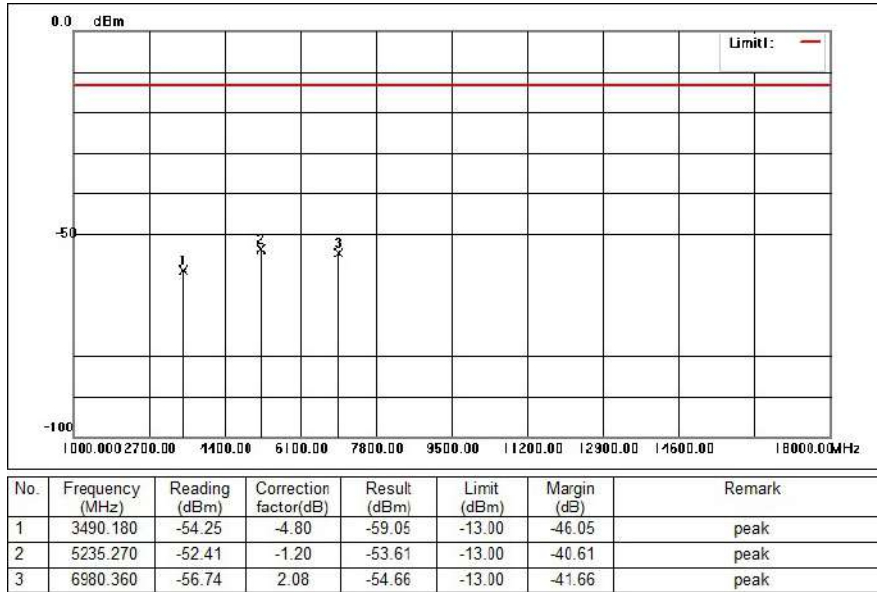
No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.180	-52.72	-4.80	-57.52	-13.00	-44.52	peak
2	5235.270	-52.86	-1.20	-54.06	-13.00	-41.06	peak
3	6980.360	-57.21	2.08	-55.13	-13.00	-42.13	peak



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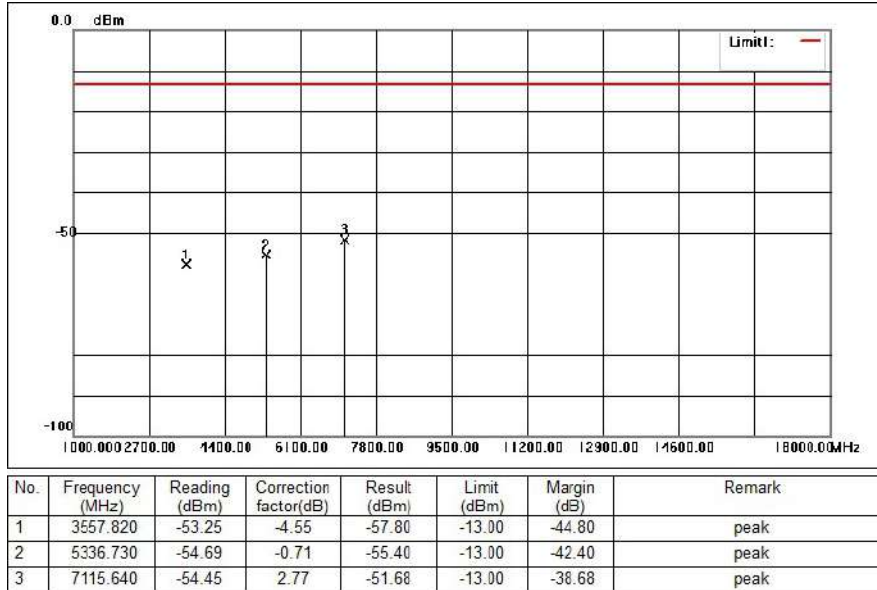
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LTE BAND 66-20MHz-High channel

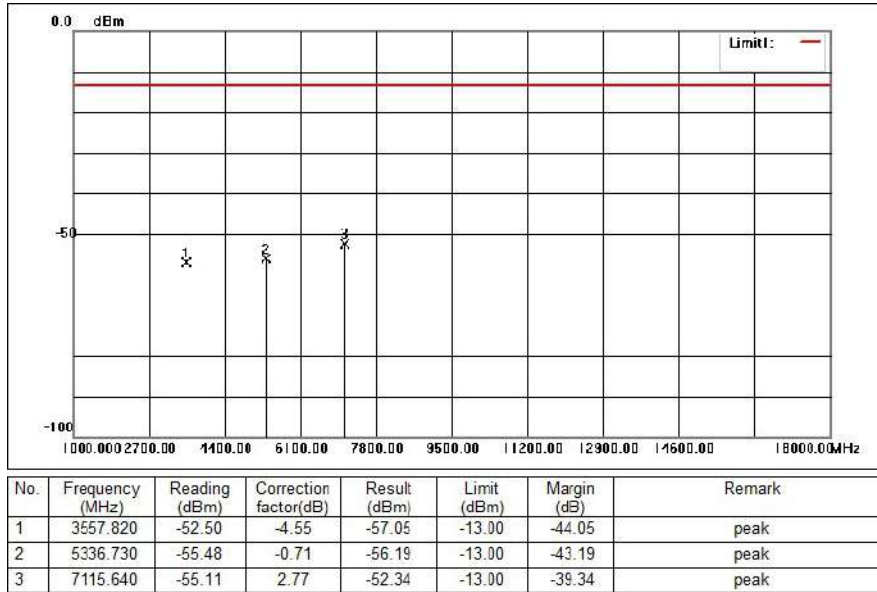
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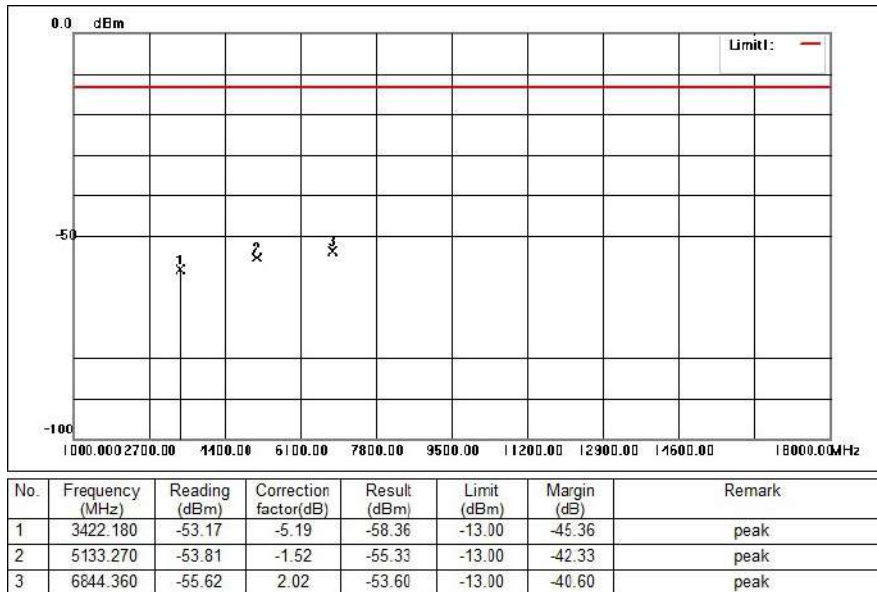
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Down Antenna

LTE BAND 66-20MHz-Low channel

Polarization: H

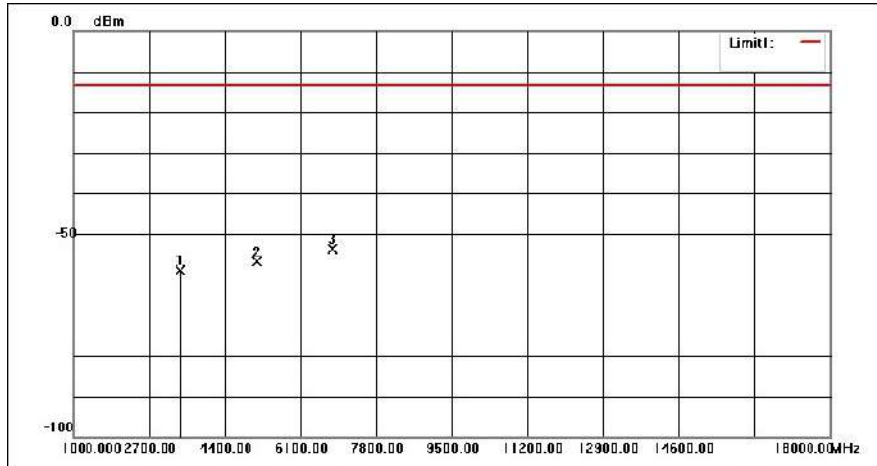


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Polarization: V



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	6644.360	-55.60	2.02	-53.58	-13.00	-40.58	peak



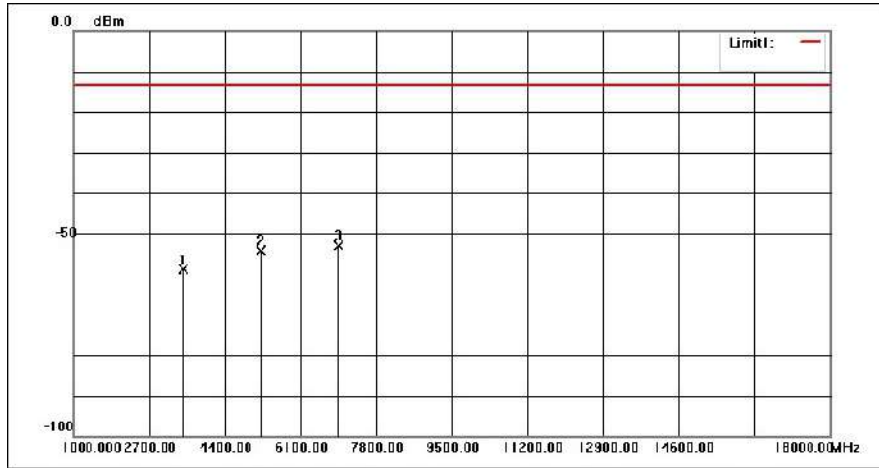
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LTE BAND 66-20MHz-Middle channel

Polarization: H



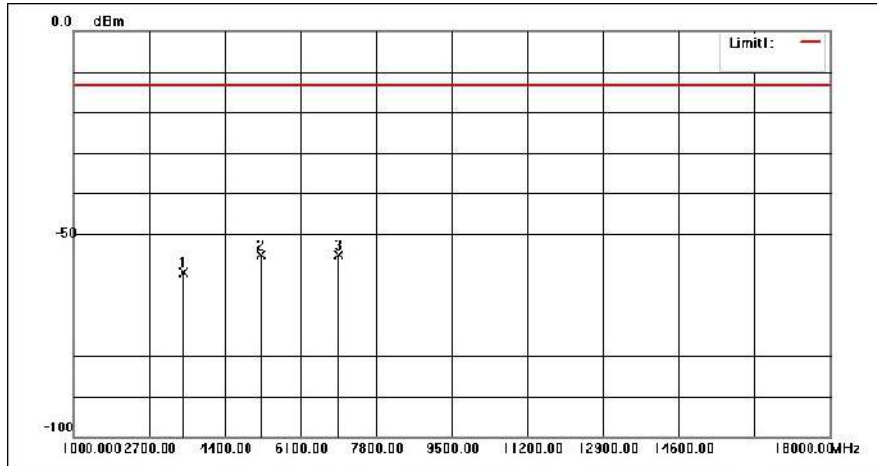
No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.180	-54.10	-4.80	-58.90	-13.00	-45.90	peak
2	5235.270	-52.95	-1.20	-54.15	-13.00	-41.15	peak
3	6980.360	-54.85	2.08	-52.77	-13.00	-39.77	peak



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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

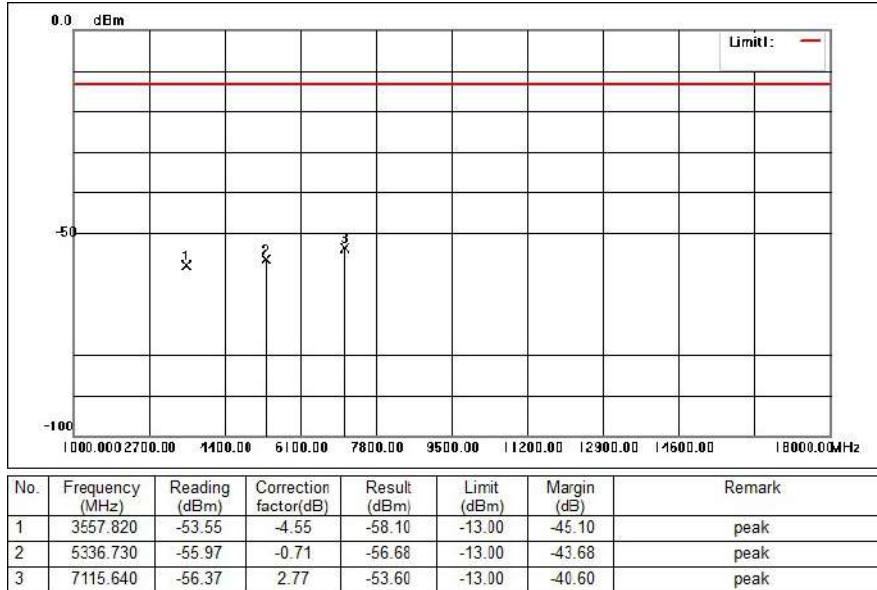


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LTE BAND 66-20MHz-High channel

Polarization: H

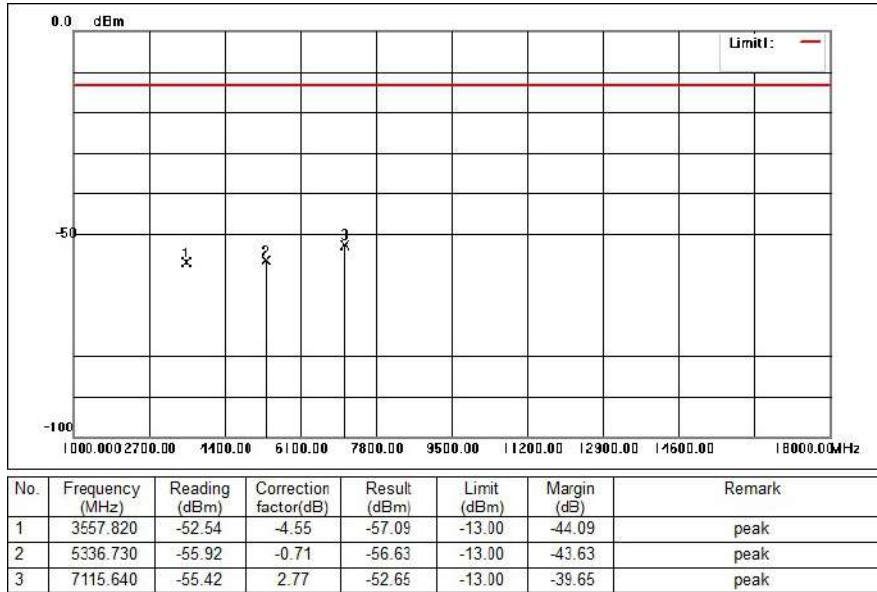


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Polarization: V



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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