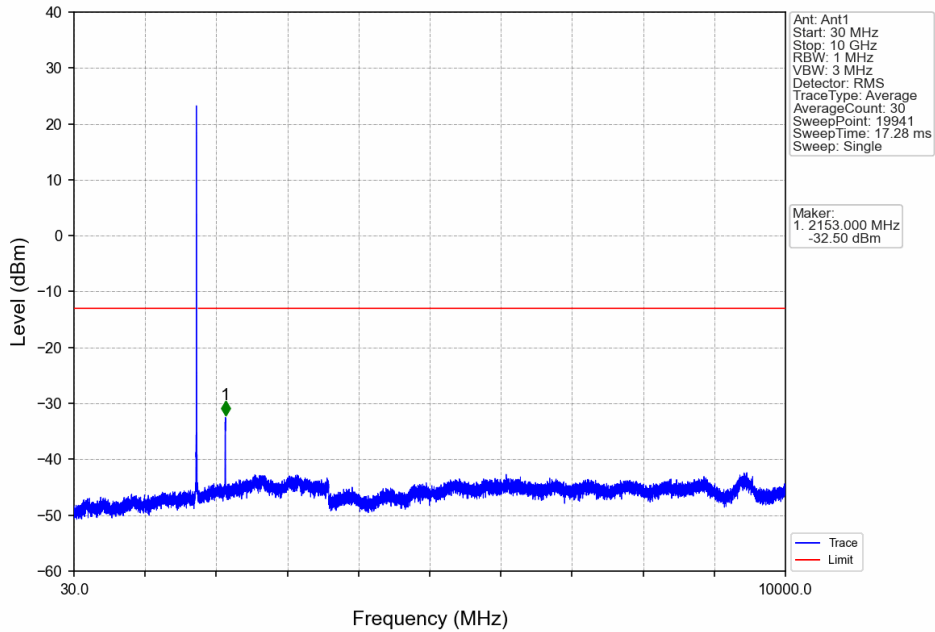




Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV



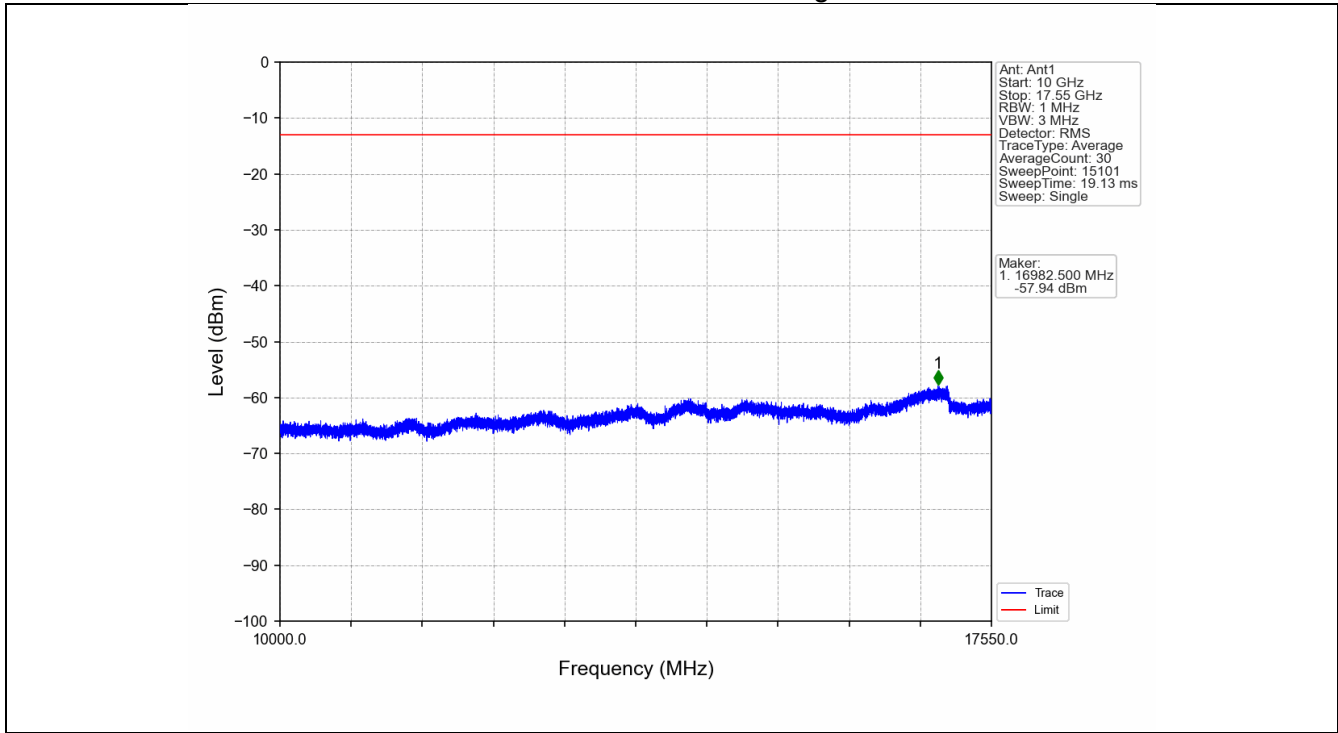
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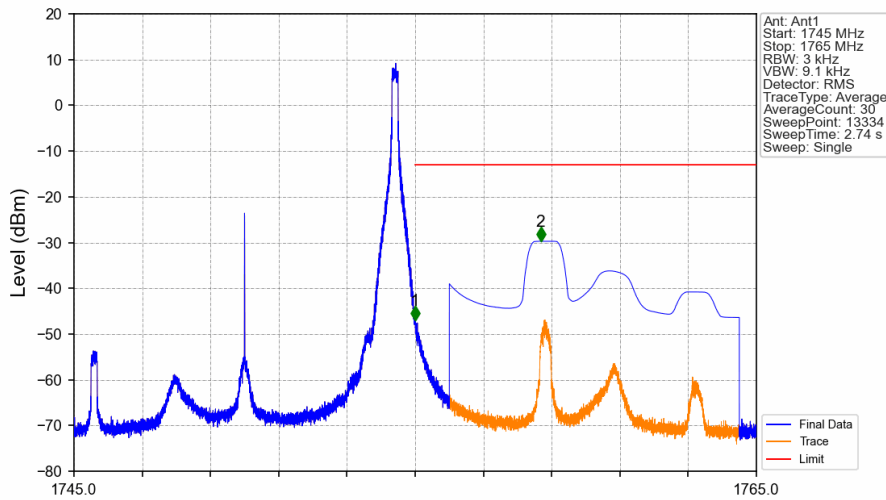


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Band4_10MHz_64QAM_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-47.06	-13	Pass
1756	1765	1	CHP	2	1758.677	-29.72	-13	Pass

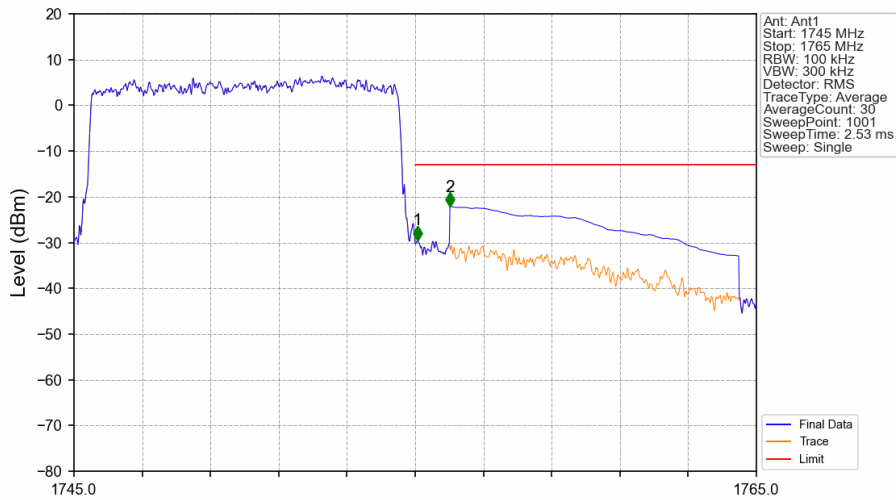


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Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.060	-29.50	-13	Pass
1756	1765	1	CHP	2	1756.020	-22.12	-13	Pass



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4.5 B4_15MHz

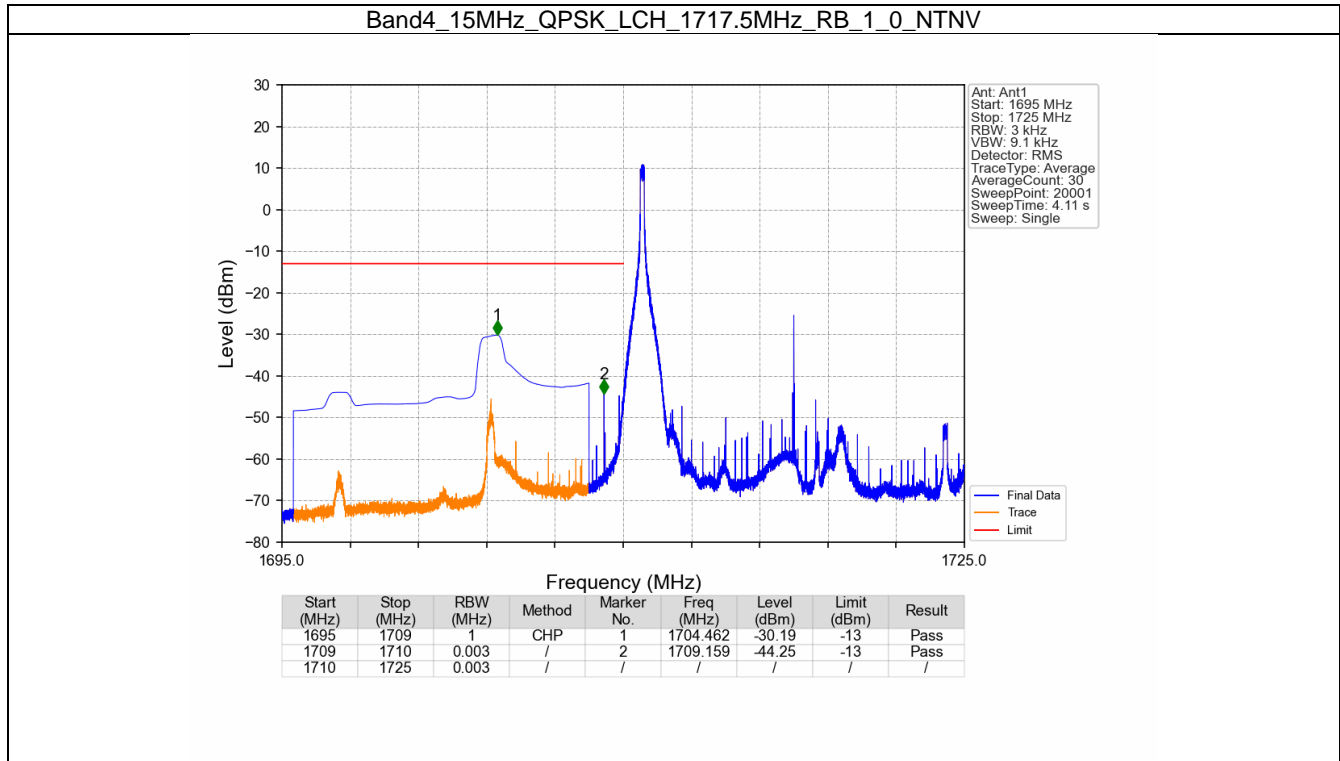
4.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1747.5	1	0	Refer To Test Graph		Pass
				74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	
16QAM	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1747.5	1	0	Refer To Test Graph		Pass
				74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	
64QAM	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1747.5	1	0	Refer To Test Graph		Pass
				74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	



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4.5.2 Test Graph



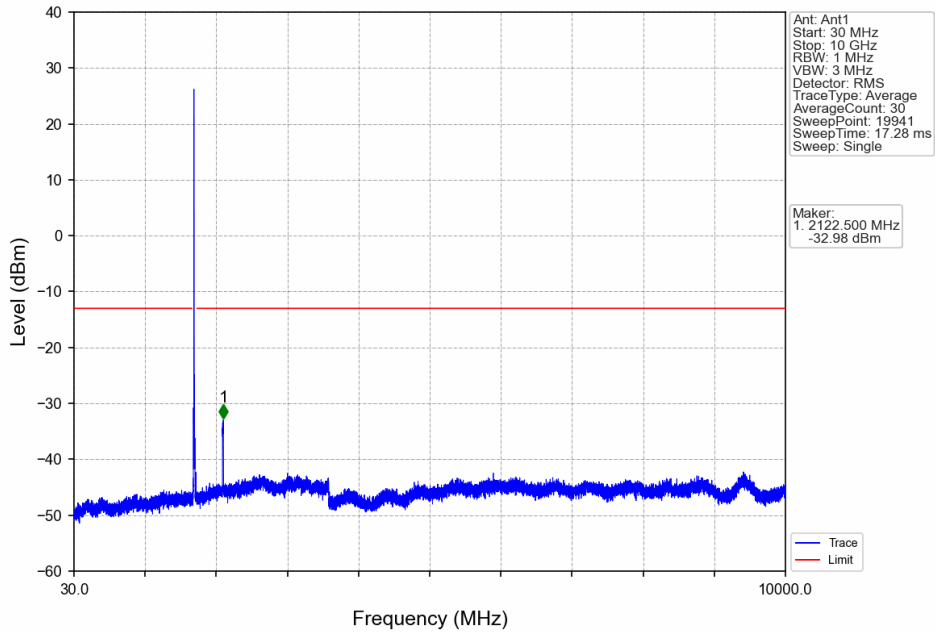
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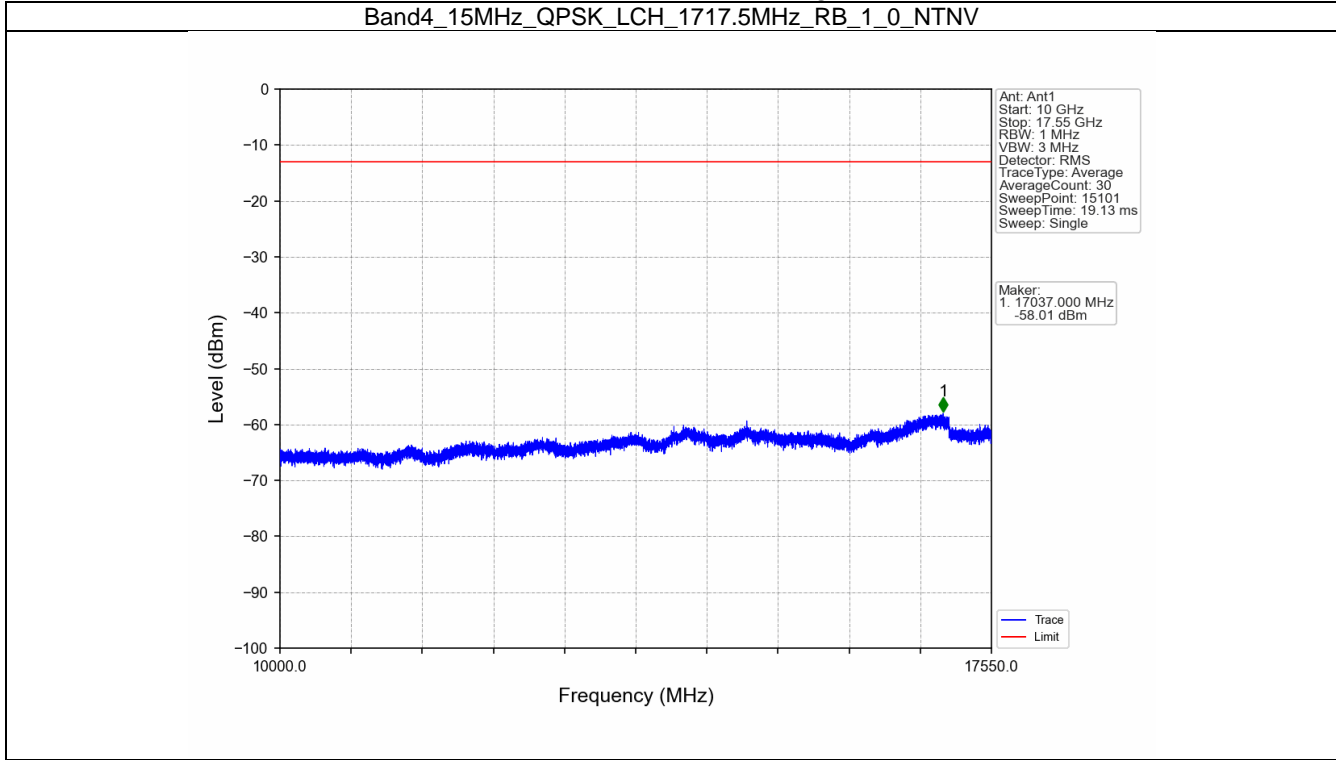
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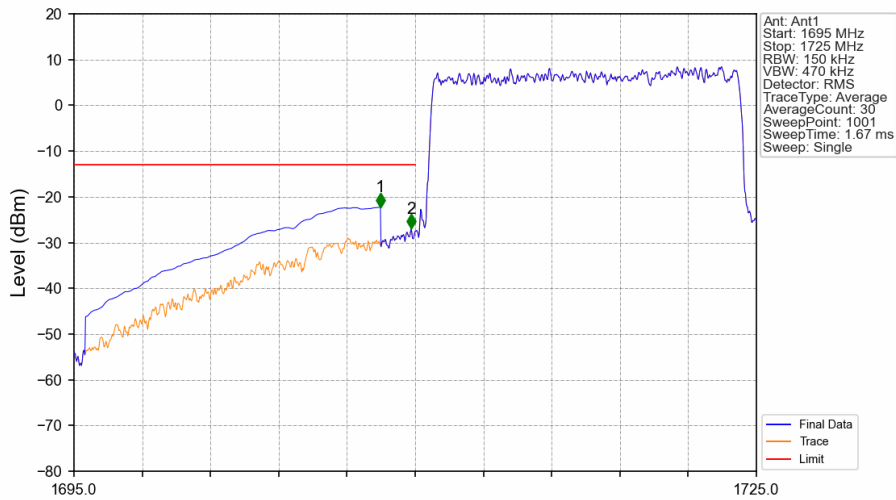


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Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-22.24	-13	Pass
1709	1710	0.15	/	2	1709.820	-26.99	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

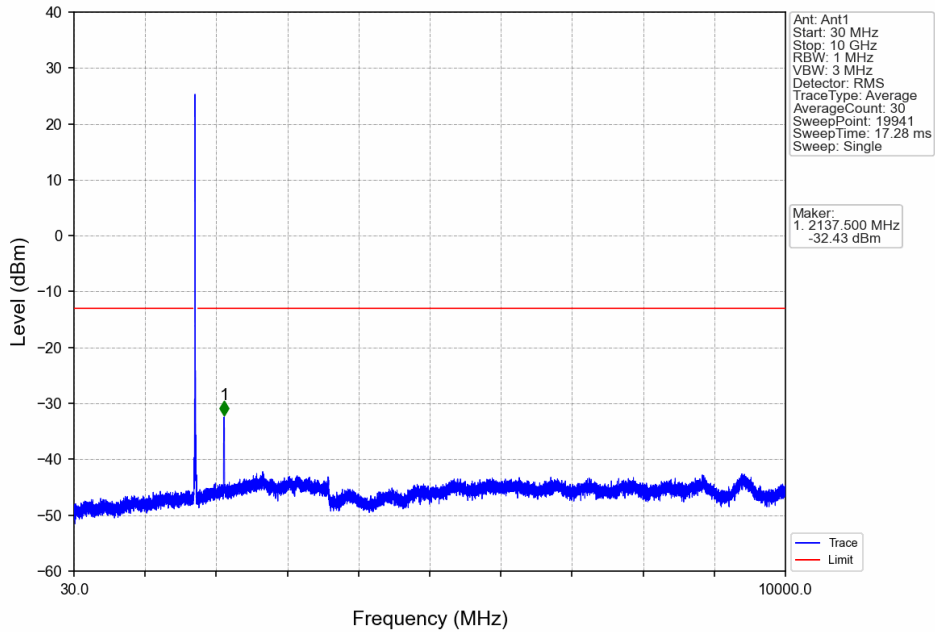


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Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



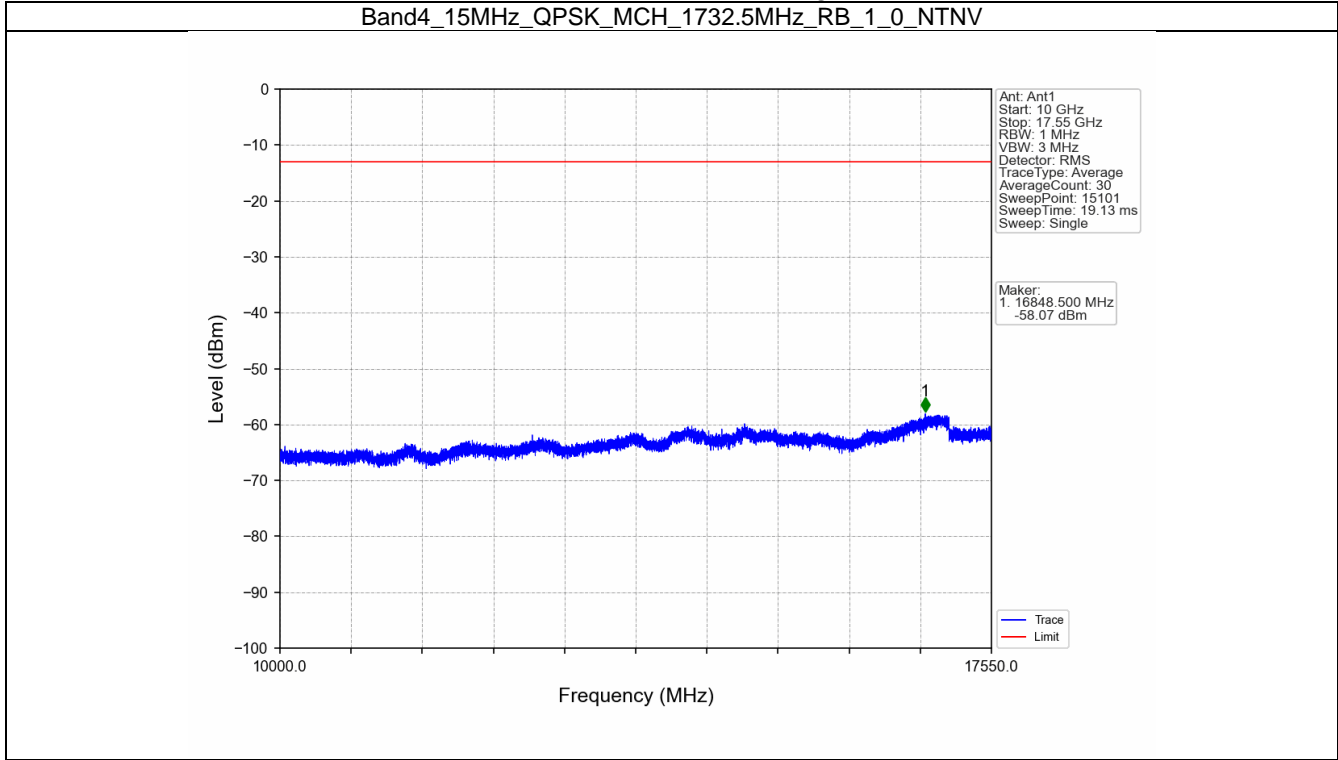
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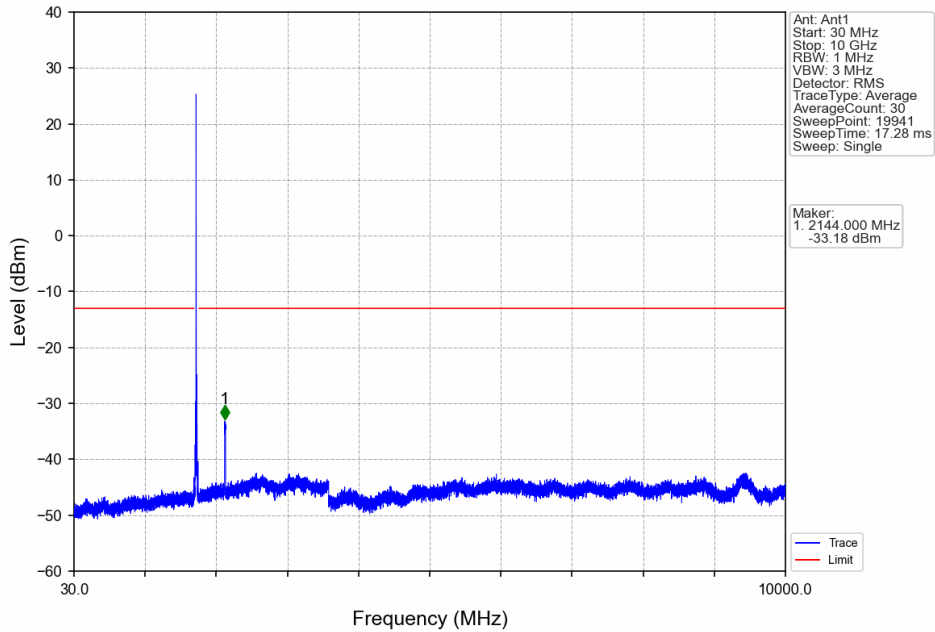
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Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



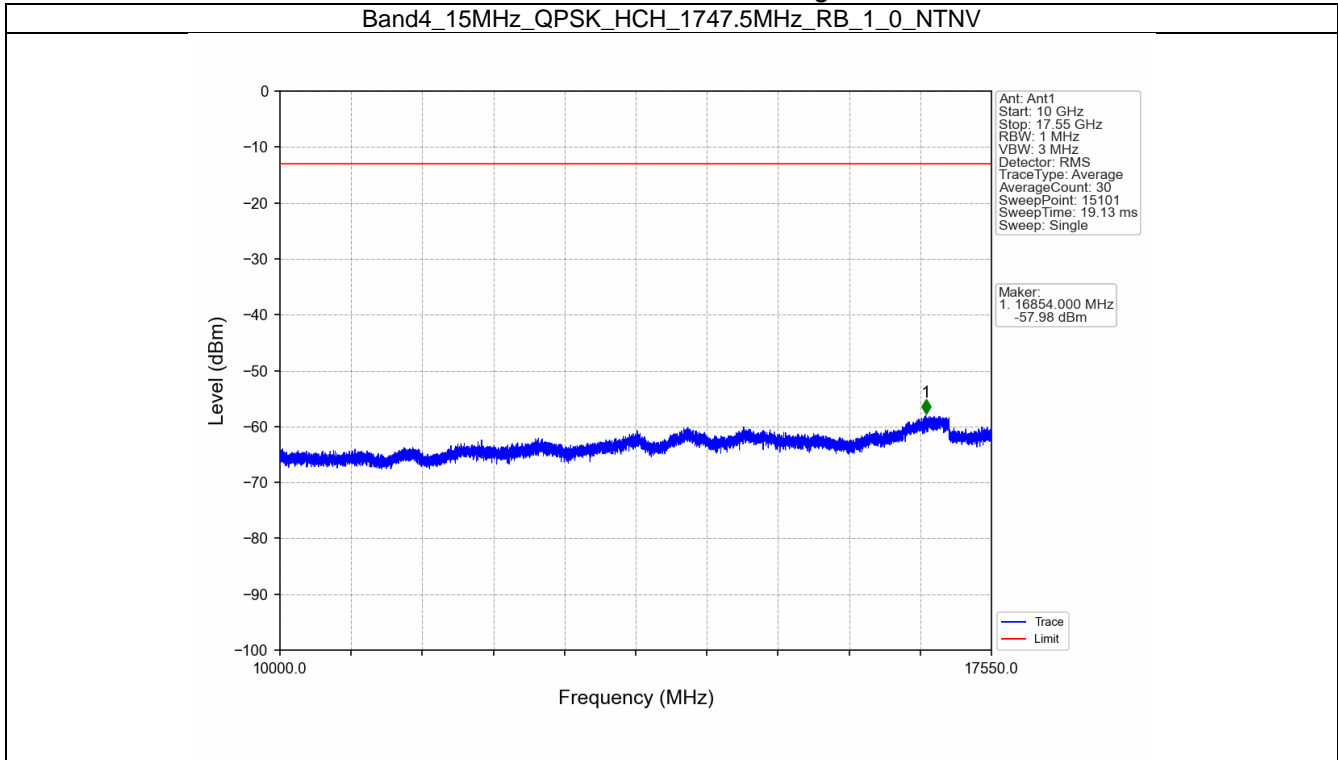
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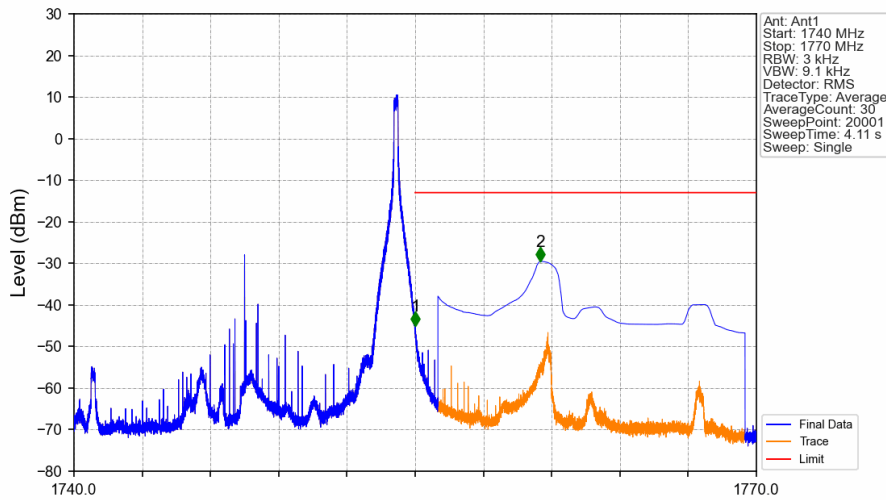


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Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-45.13	-13	Pass
1756	1770	1	CHP	2	1760.490	-29.53	-13	Pass

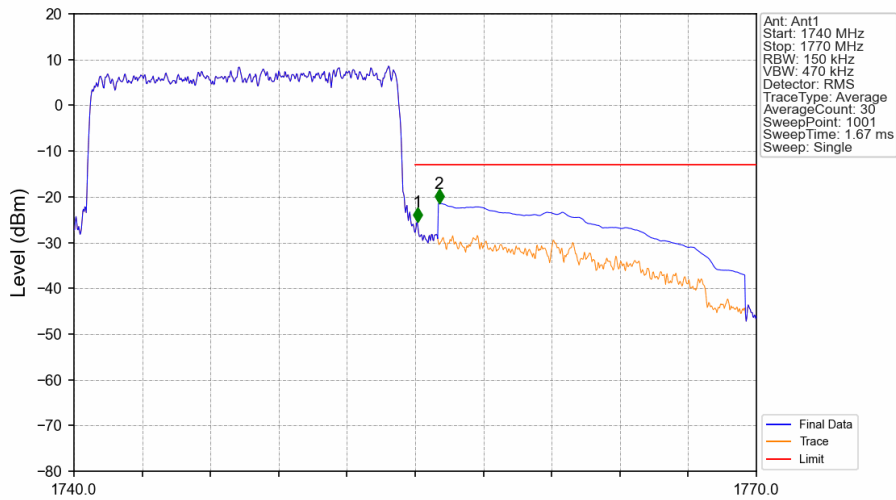


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Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



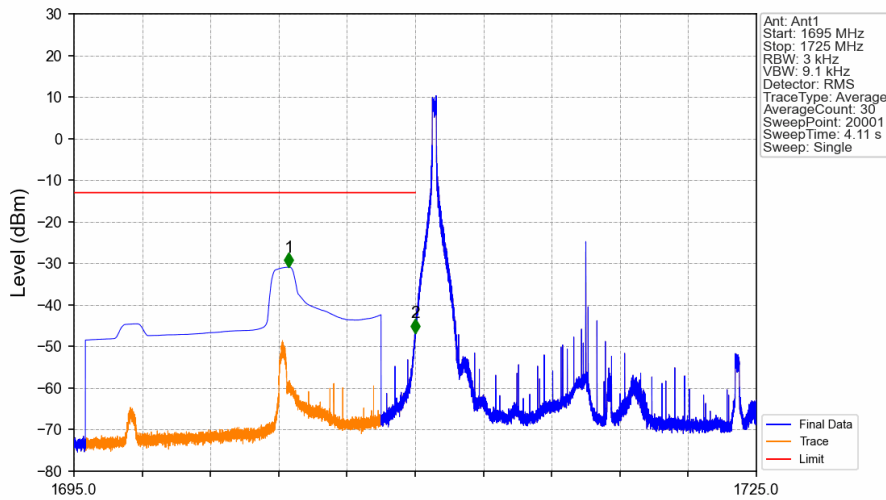
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.090	-25.53	-13	Pass
1756	1770	1	CHP	2	1756.050	-21.50	-13	Pass



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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.435	-30.92	-13	Pass
1709	1710	0.003	/	2	1709.995	-46.74	-13	Pass
1710	1725	0.003	/	/	/	/	/	/



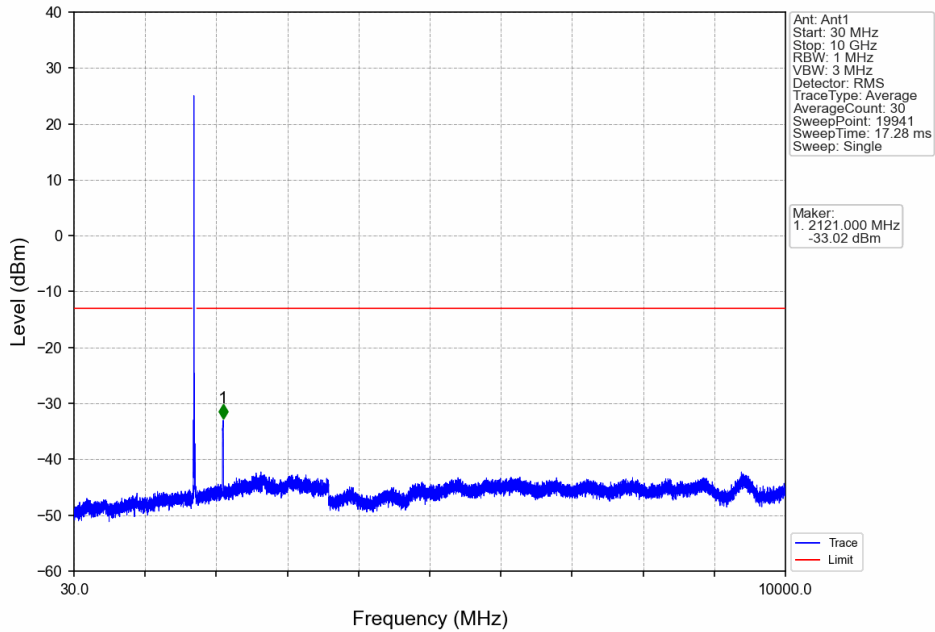
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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



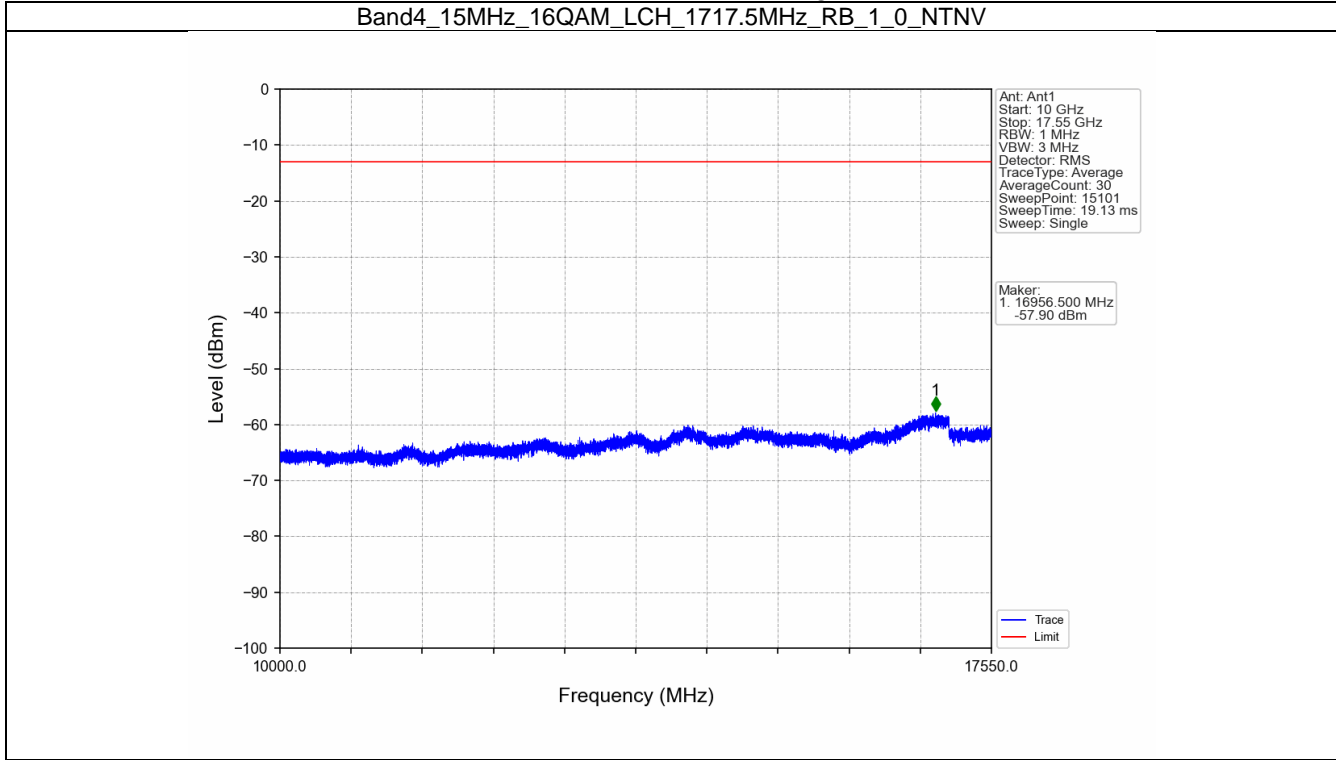
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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



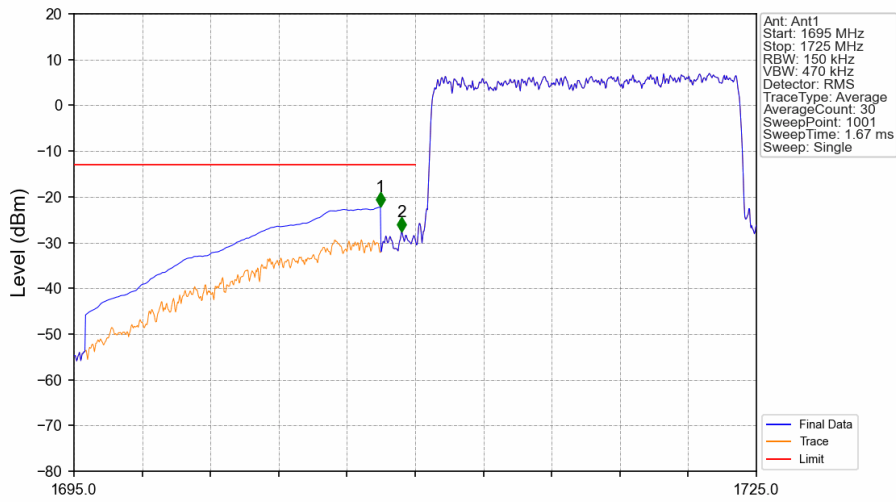
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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



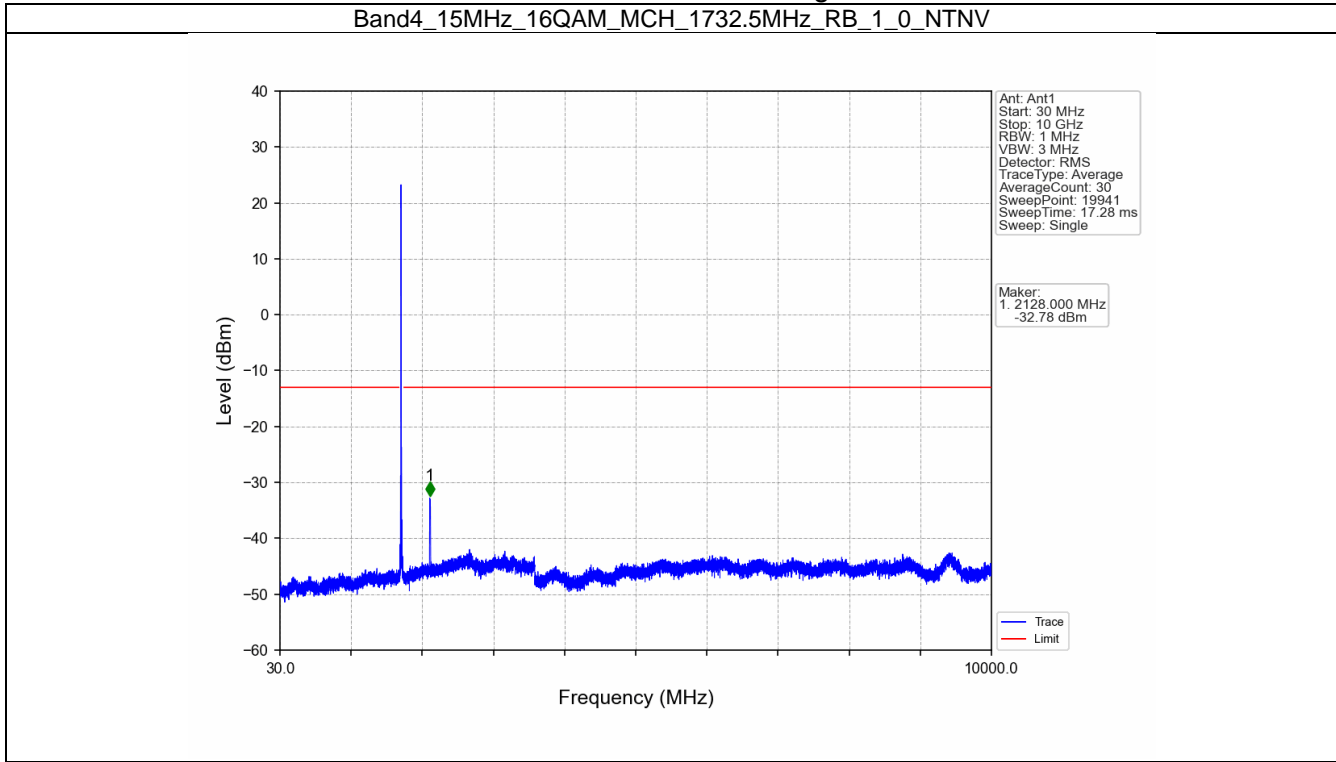
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-22.23	-13	Pass
1709	1710	0.15	/	2	1709.400	-27.60	-13	Pass
1710	1725	0.15	/	/	/	/	/	/



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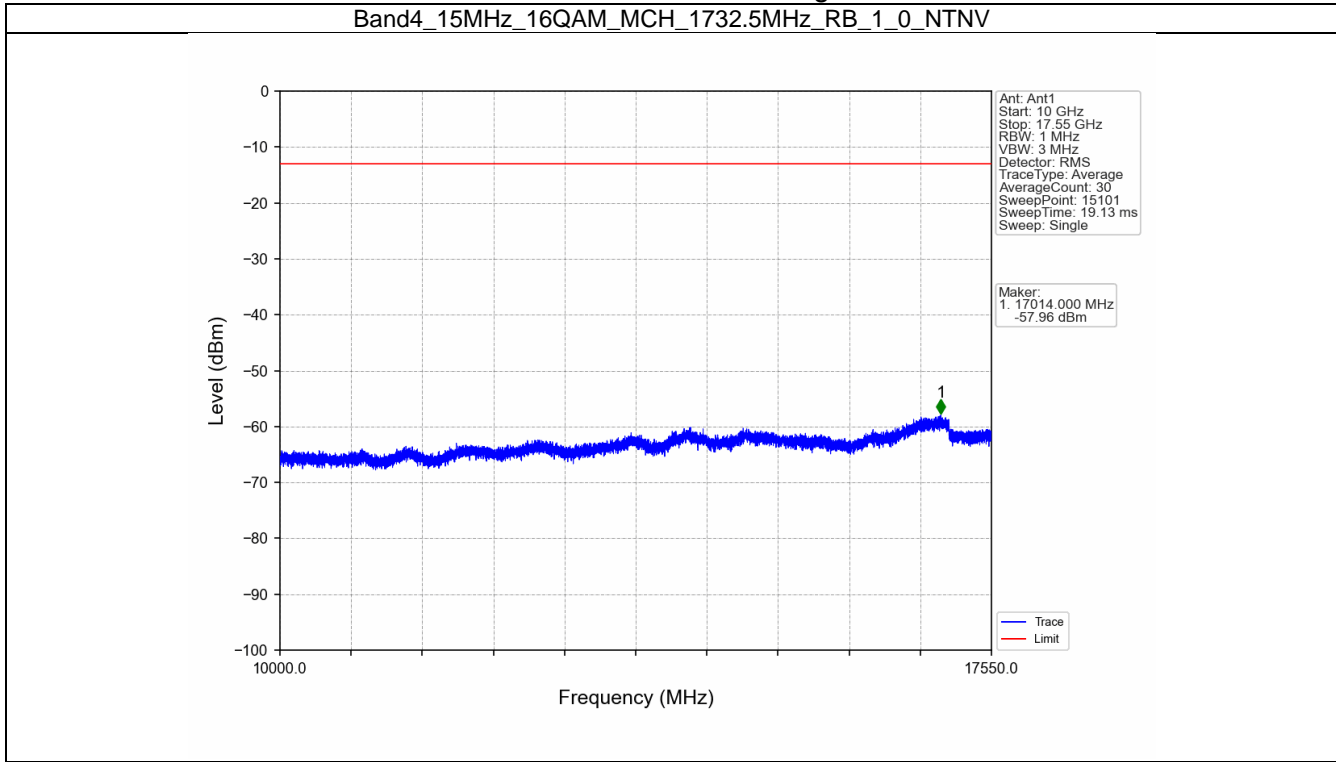
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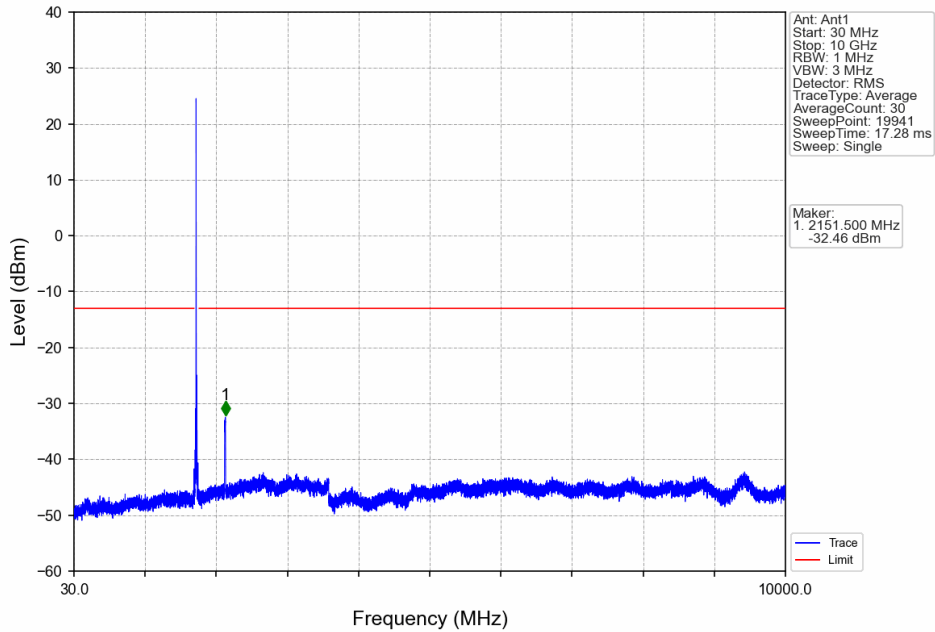
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Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



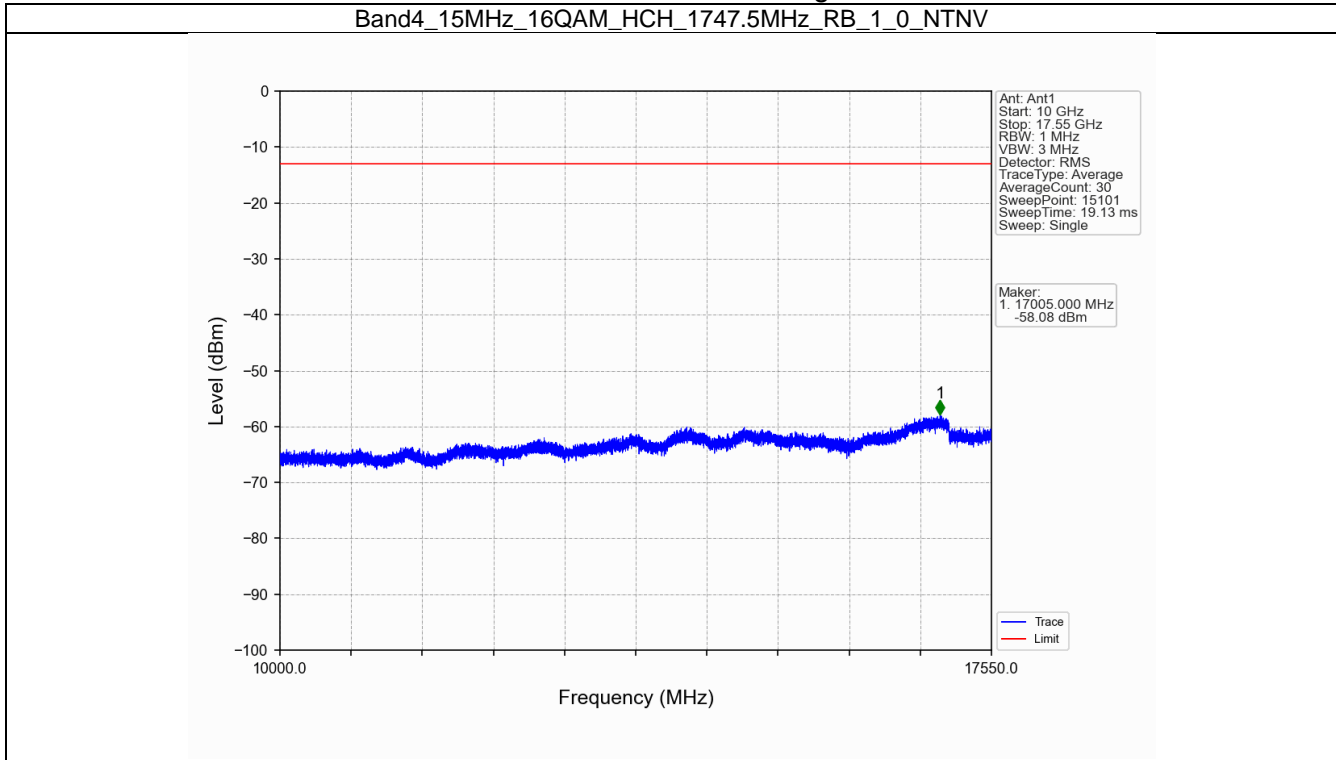
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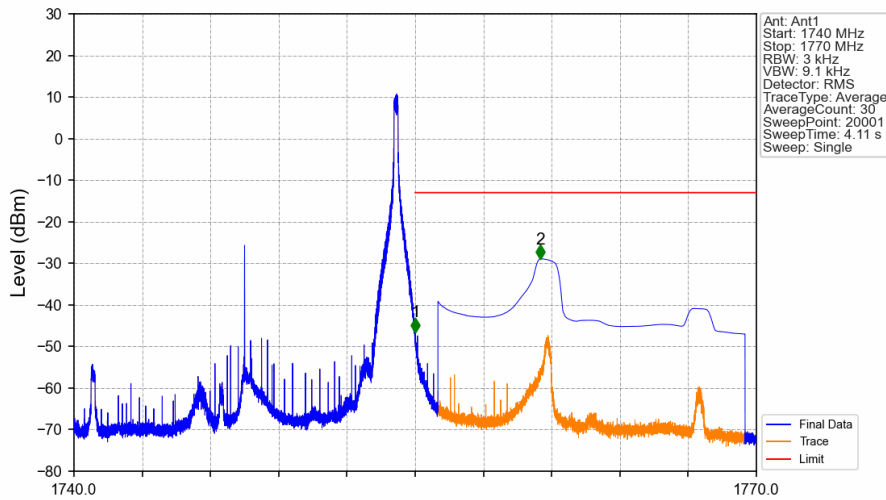


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Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-46.54	-13	Pass
1756	1770	1	CHP	2	1760.487	-28.93	-13	Pass

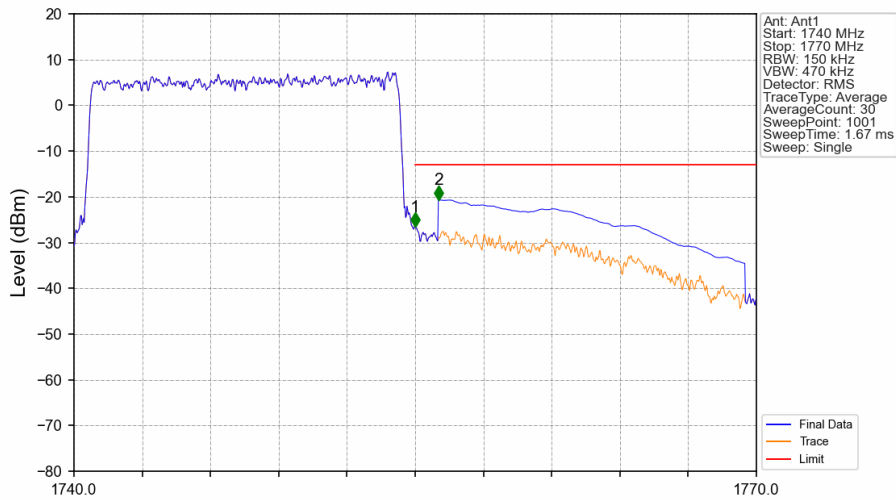


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Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.000	-26.53	-13	Pass
1756	1770	1	CHP	2	1756.020	-20.68	-13	Pass

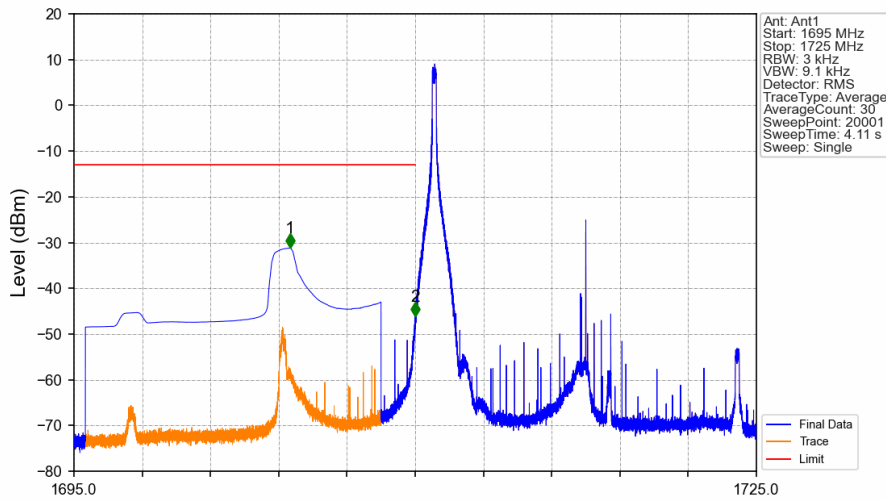


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Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.494	-31.22	-13	Pass
1709	1710	0.003	/	2	1709.997	-46.15	-13	Pass
1710	1725	0.003	/	/	/	/	/	/



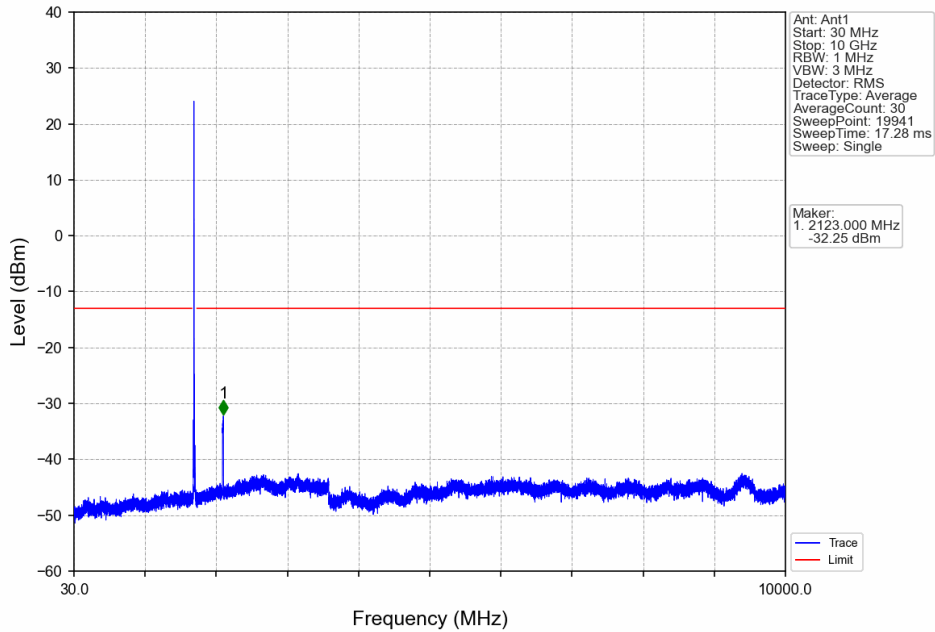
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Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV

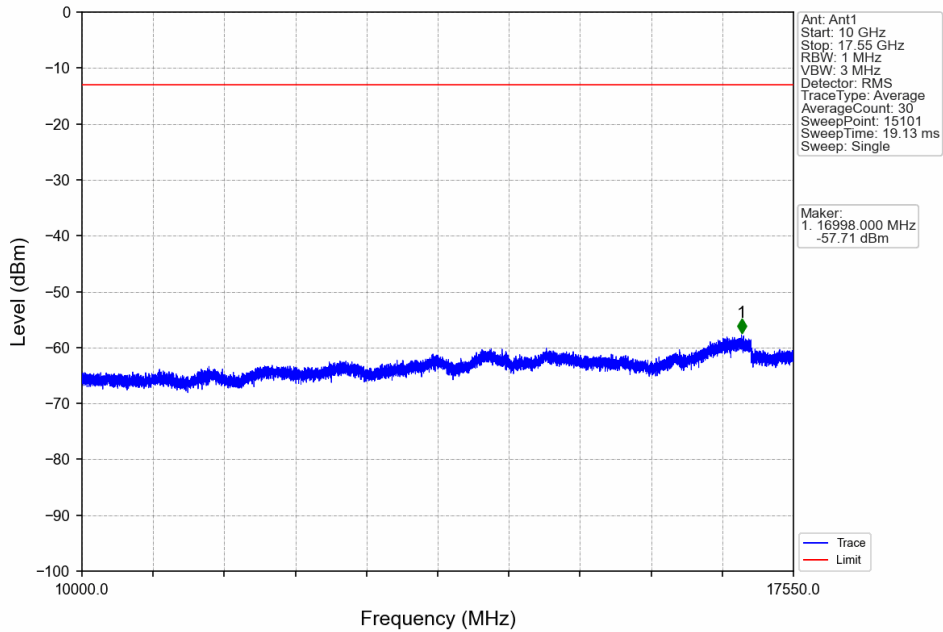


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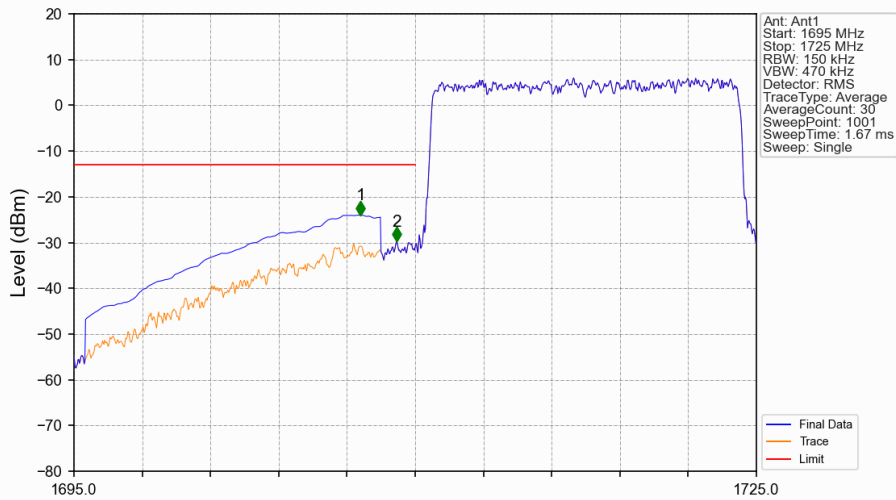


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Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.600	-24.00	-13	Pass
1709	1710	0.15	/	2	1709.190	-29.80	-13	Pass
1710	1725	0.15	/	/	/	/	/	/



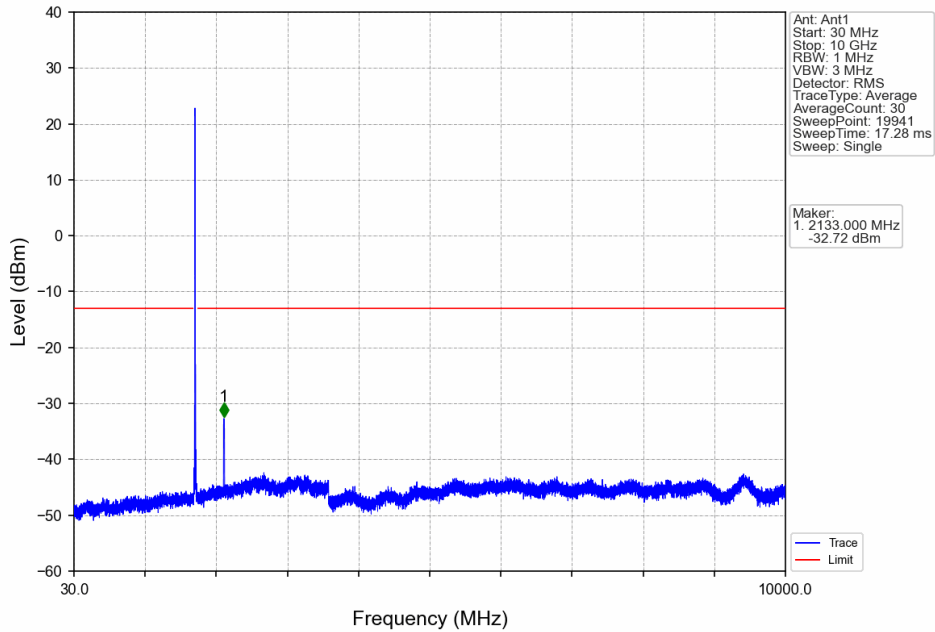
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Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



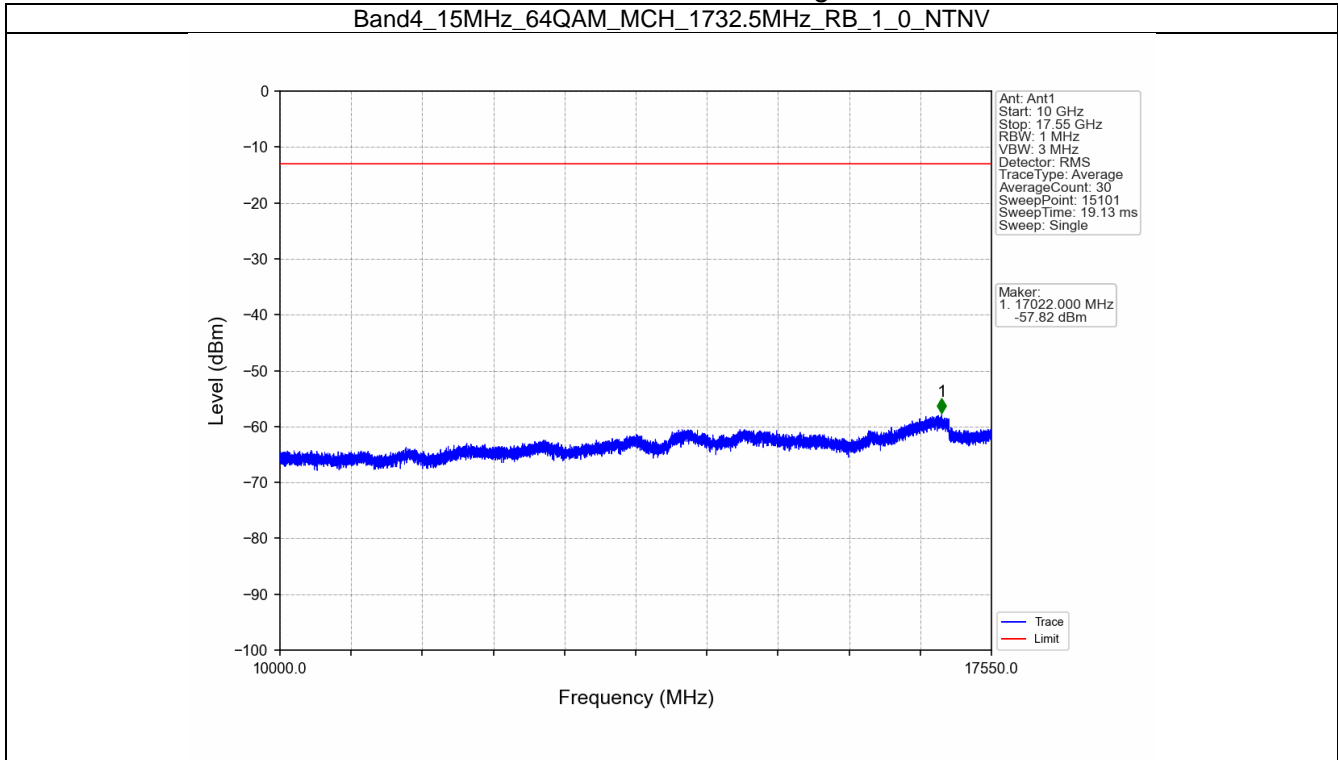
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Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



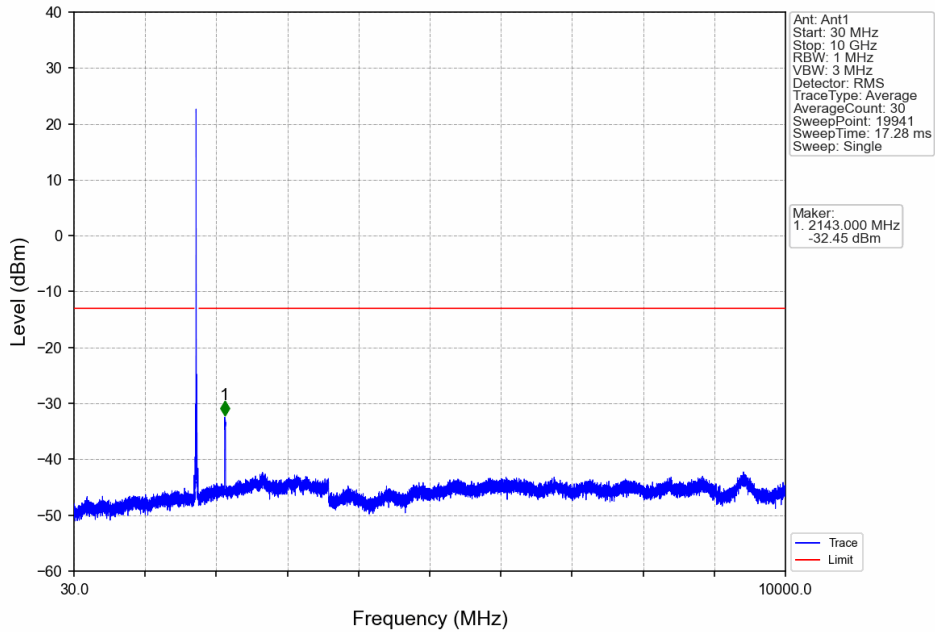
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Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV



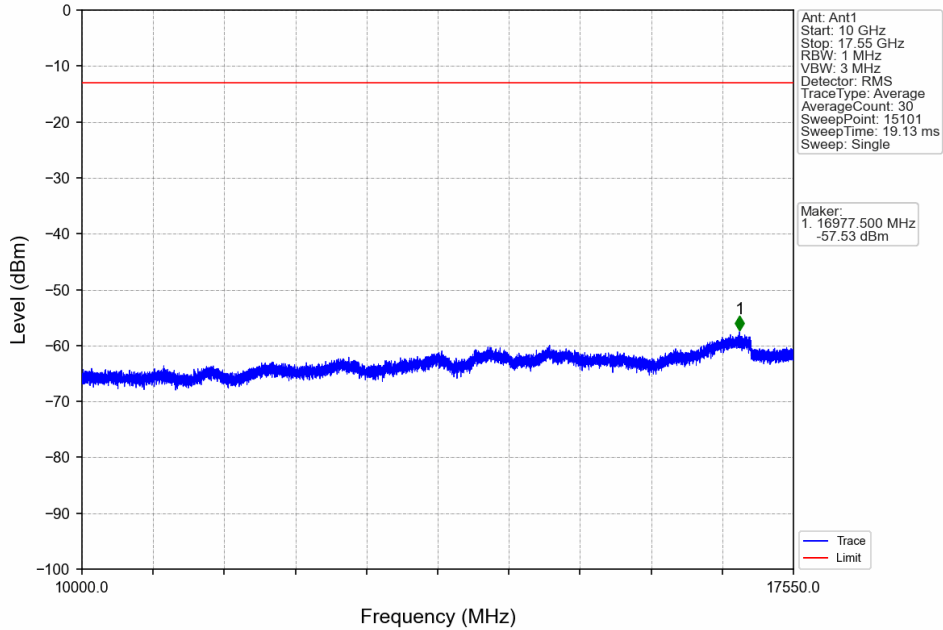
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Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV



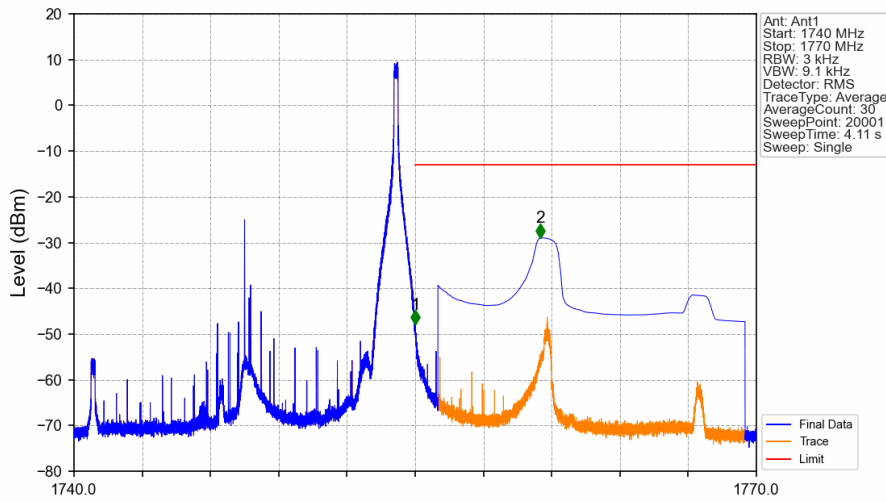
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Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-47.94	-13	Pass
1756	1770	1	CHP	2	1760.514	-28.97	-13	Pass



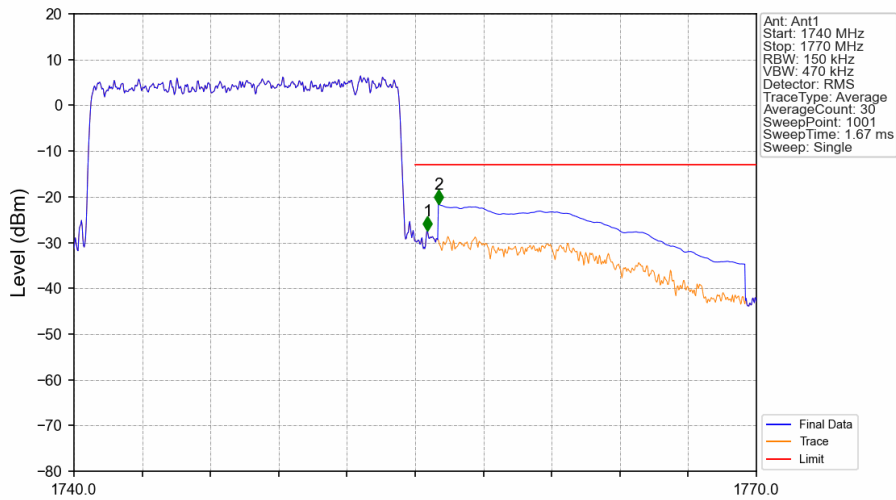
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Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.540	-27.41	-13	Pass
1756	1770	1	CHP	2	1756.020	-21.61	-13	Pass



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4.6 B4_20MHz

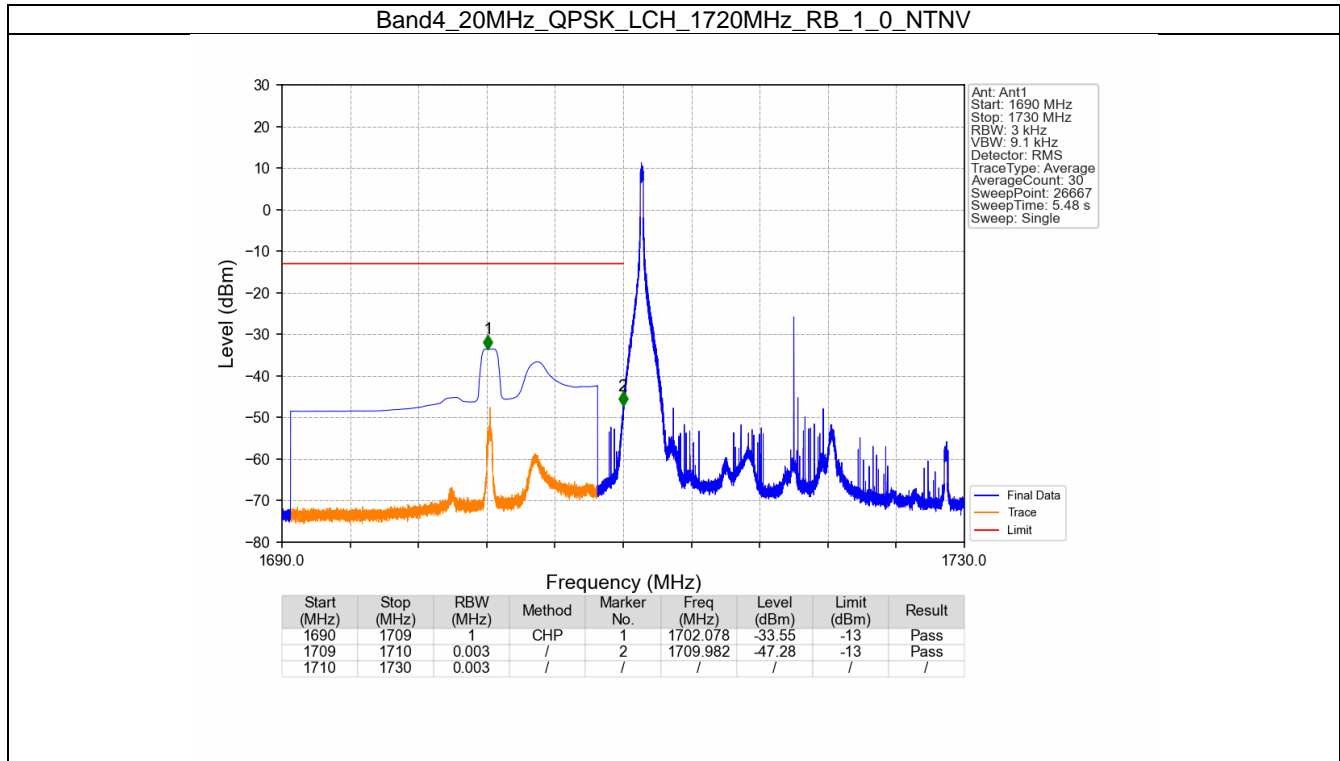
4.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1745	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	
16QAM	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1745	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	
64QAM	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1745	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	



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4.6.2 Test Graph



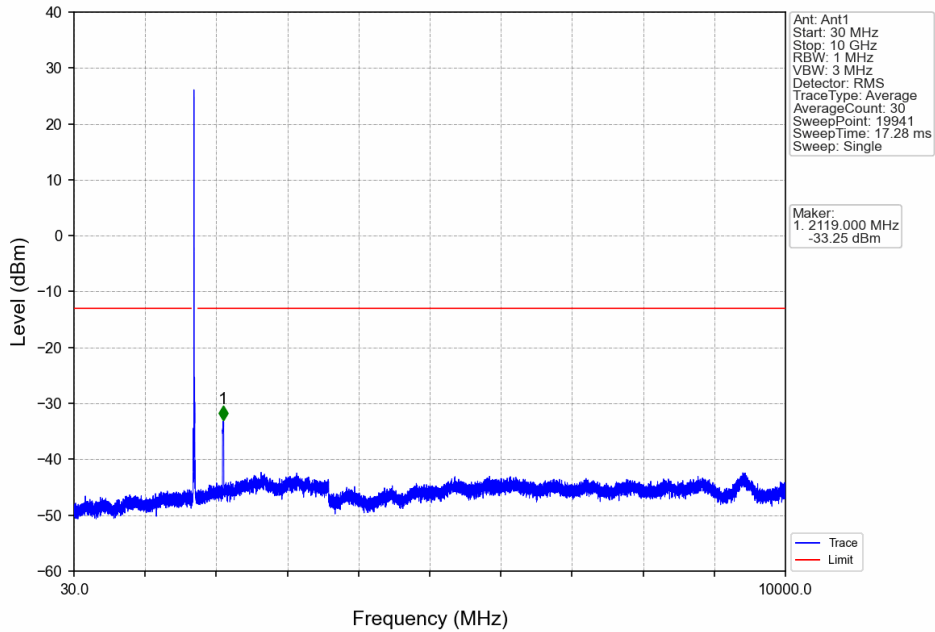
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Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



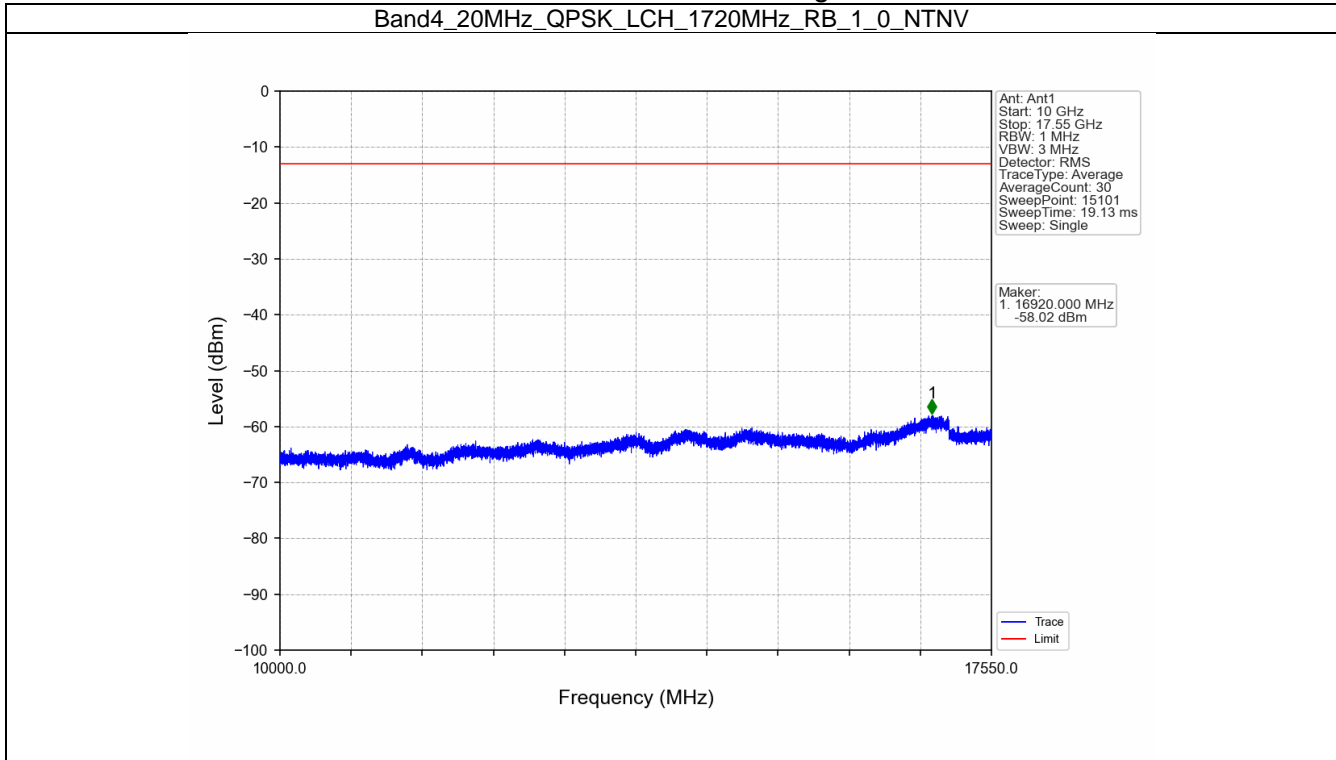
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Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

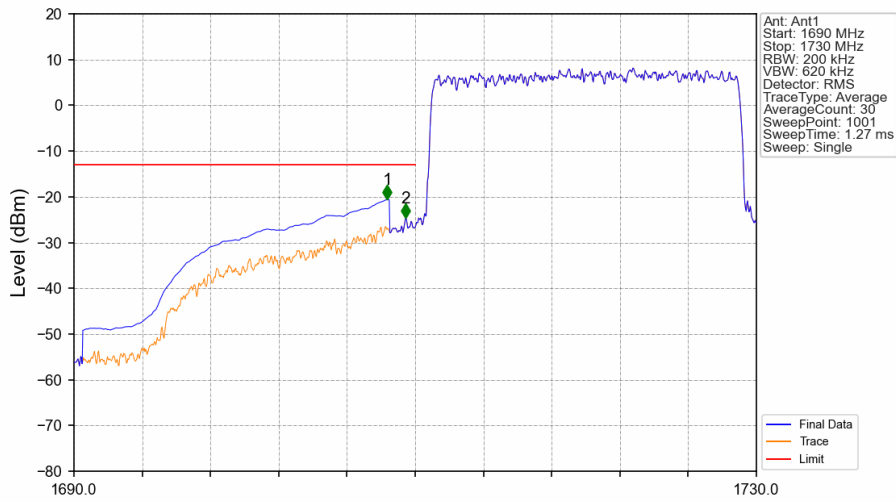


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Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.360	-20.64	-13	Pass
1709	1710	0.2	/	2	1709.440	-24.67	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

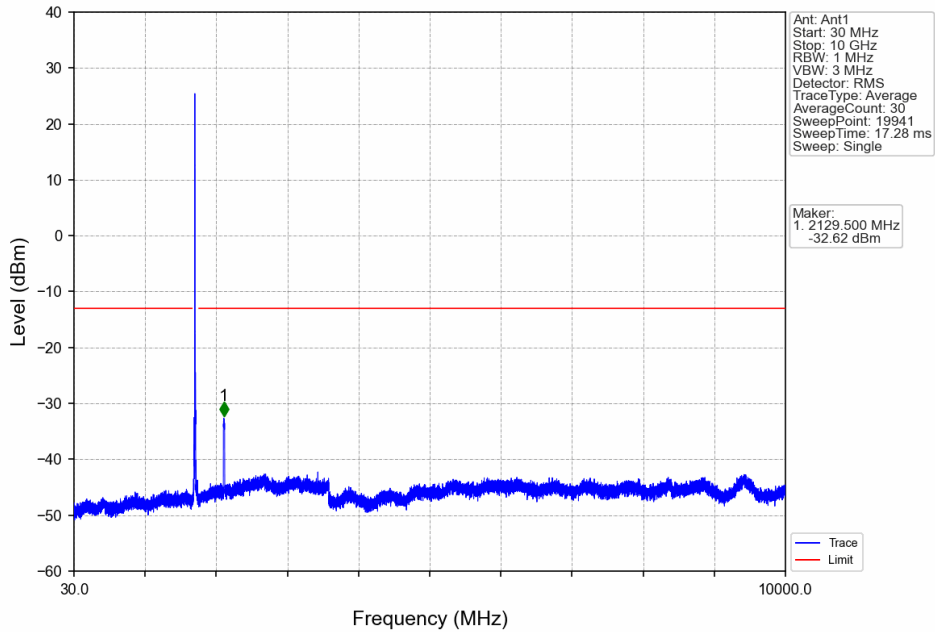


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Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



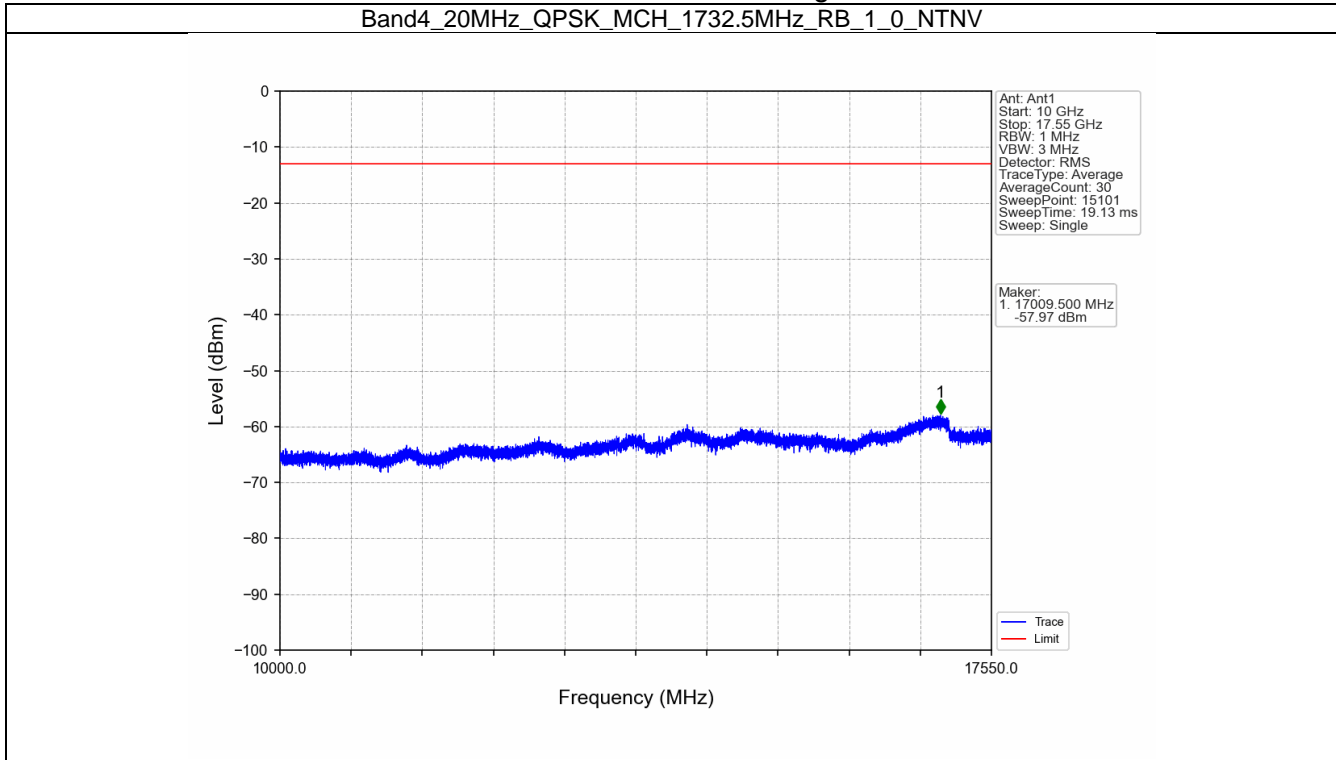
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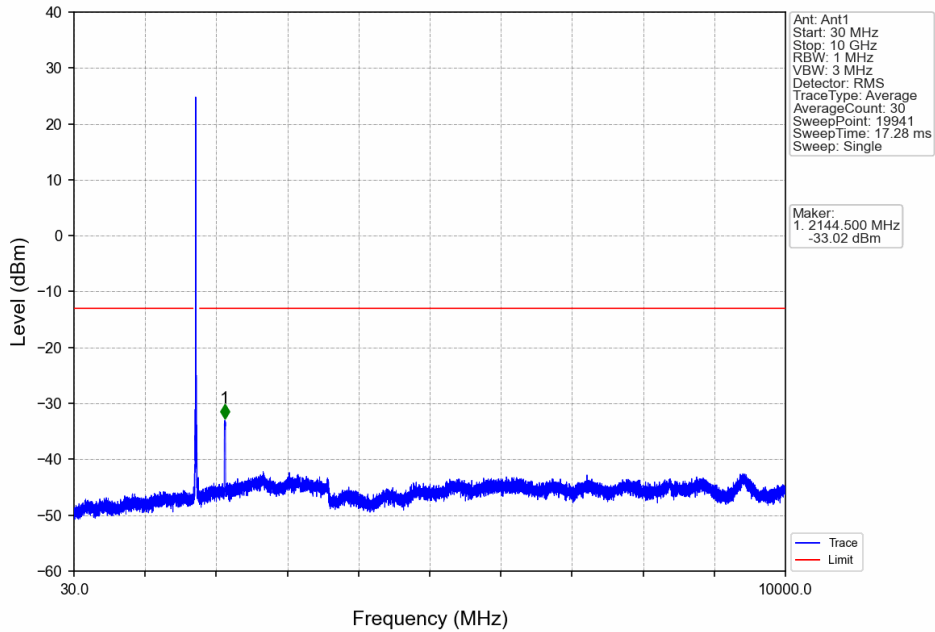
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Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



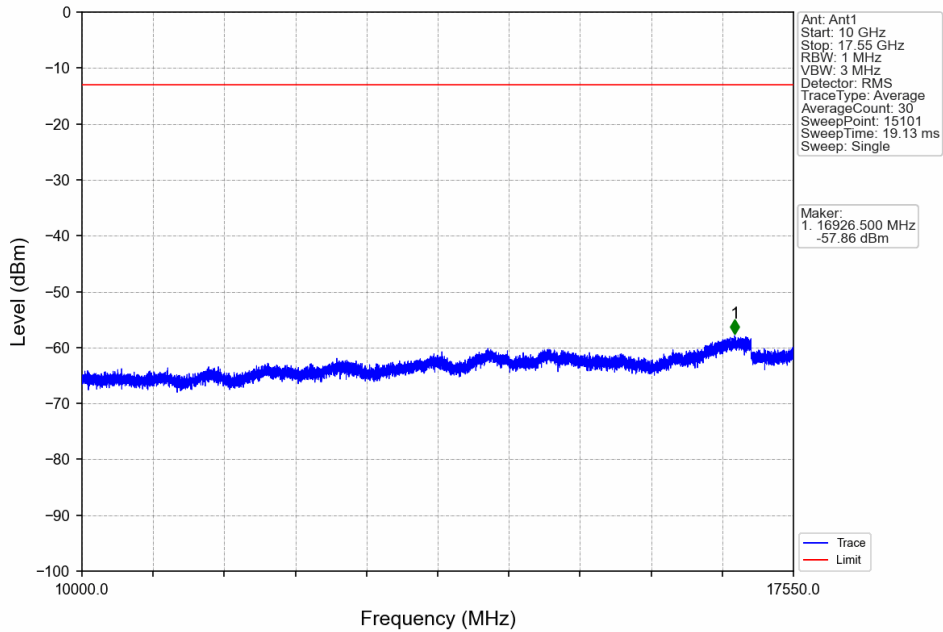
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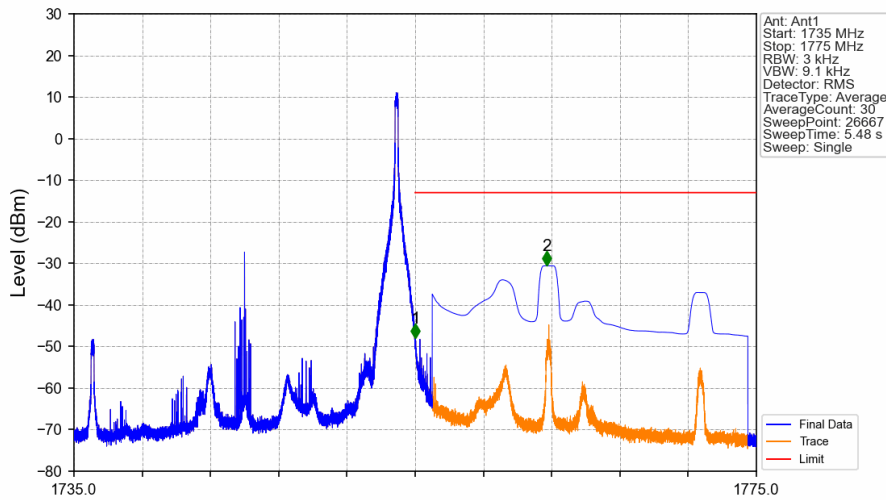


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Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.018	-48.05	-13	Pass
1756	1775	1	CHP	2	1762.695	-30.59	-13	Pass



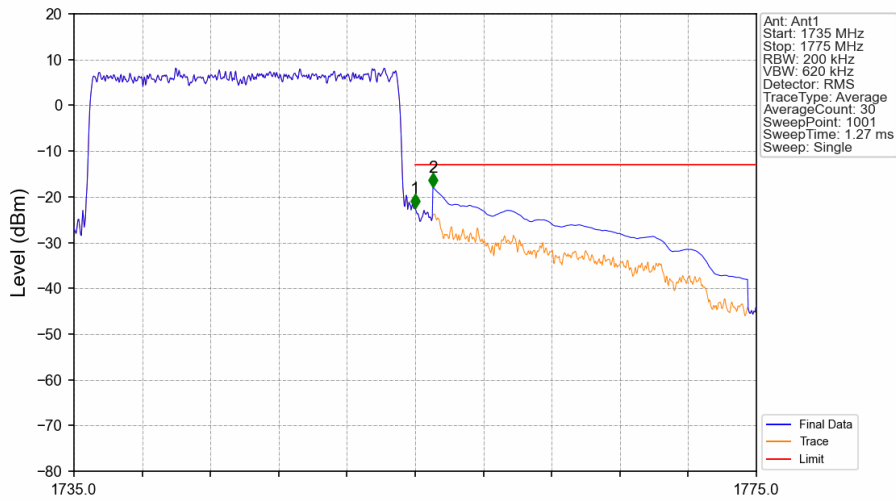
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Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.000	-22.58	-13	Pass
1756	1775	1	CHP	2	1756.040	-17.94	-13	Pass

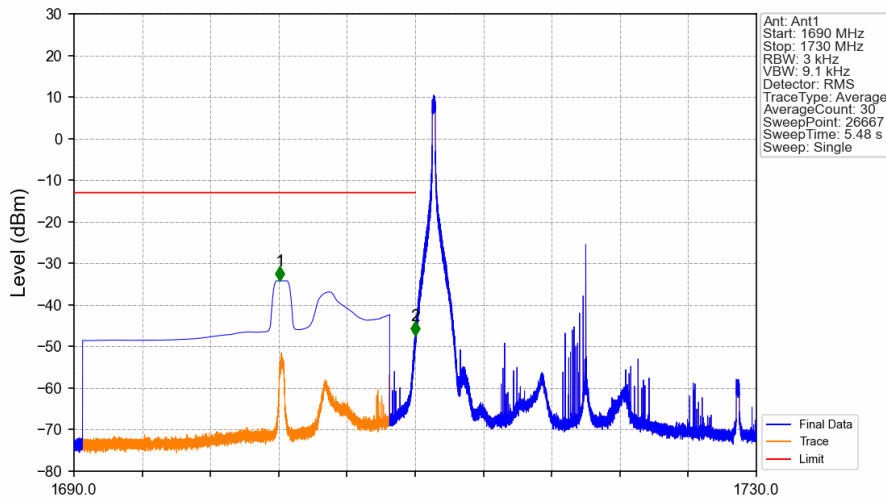


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Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.066	-34.18	-13	Pass
1709	1710	0.003	/	2	1709.994	-47.39	-13	Pass
1710	1730	0.003	/	/	/	/	/	/



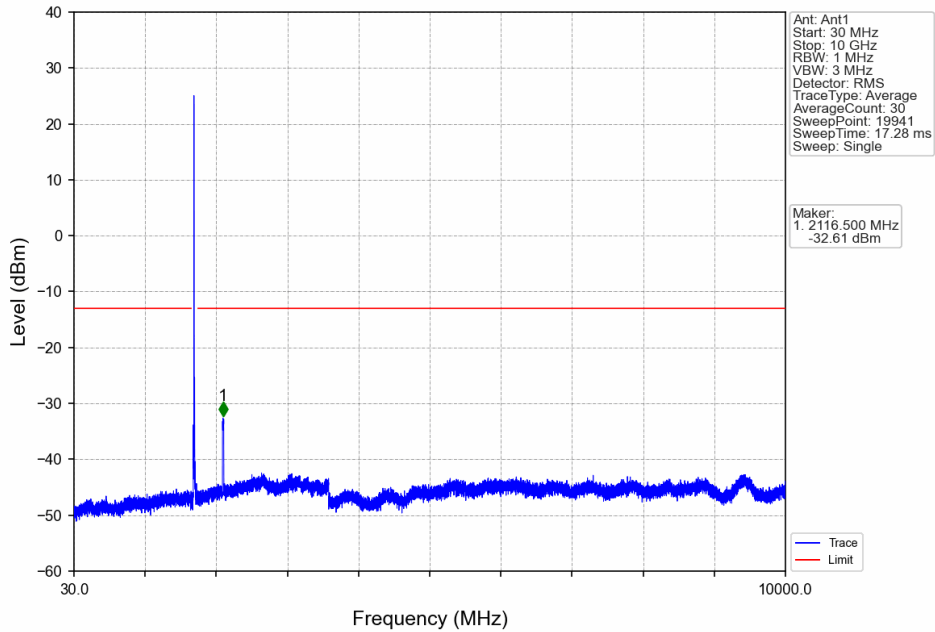
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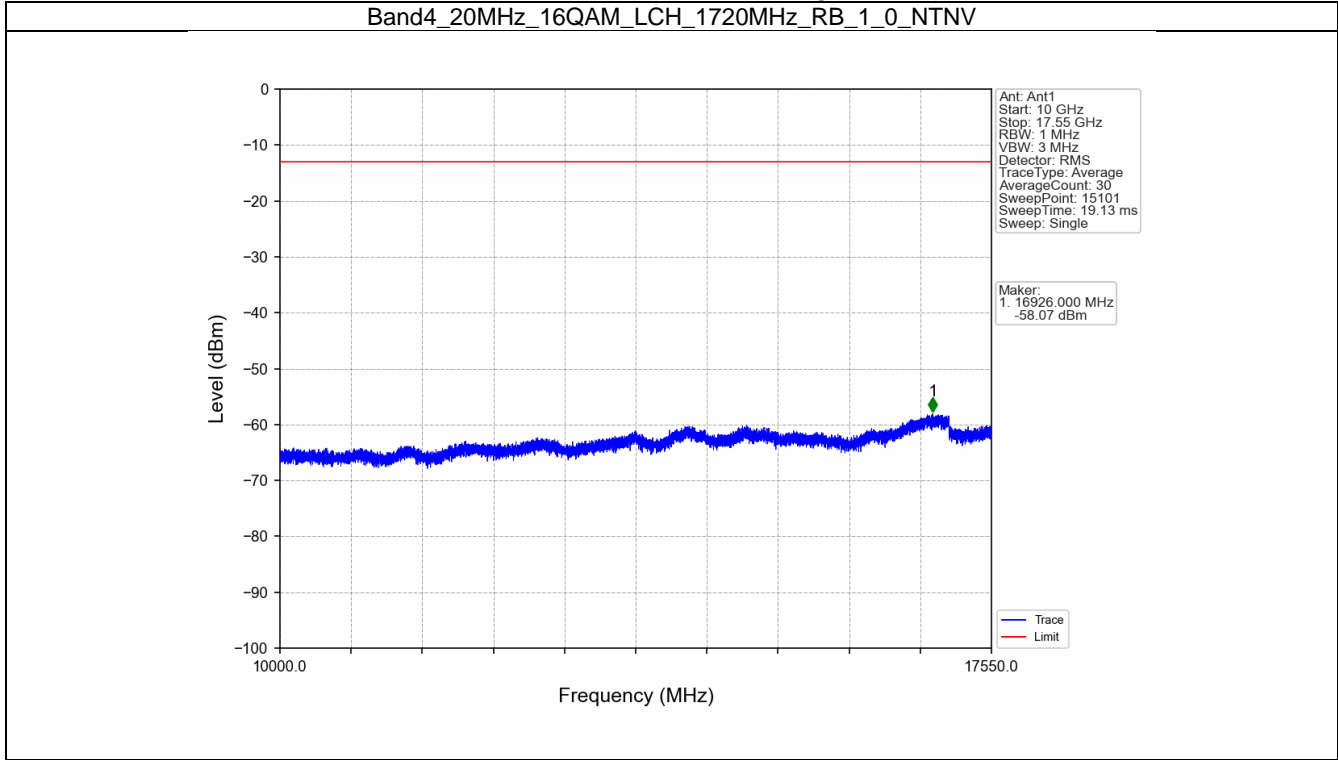
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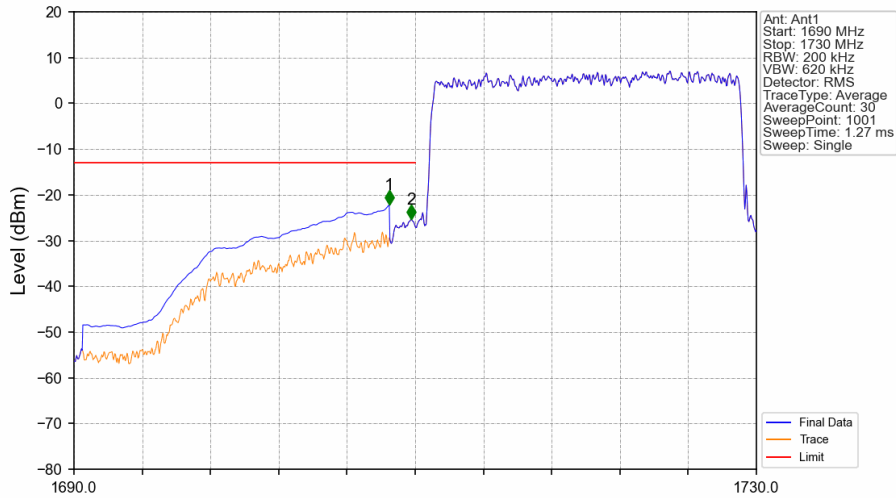


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Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-22.21	-13	Pass
1709	1710	0.2	/	2	1709.760	-25.40	-13	Pass
1710	1730	0.2	/	/	/	/	/	/



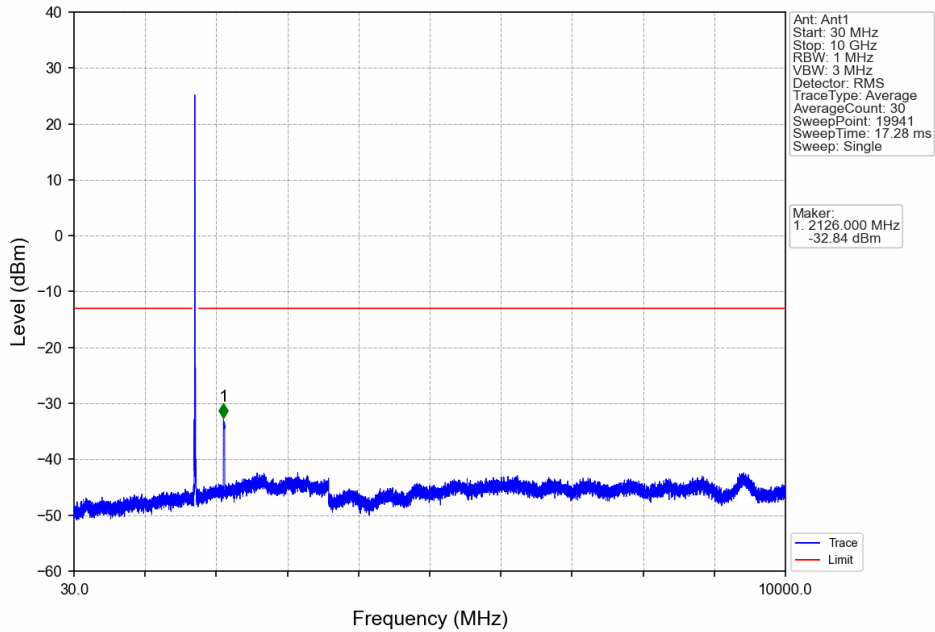
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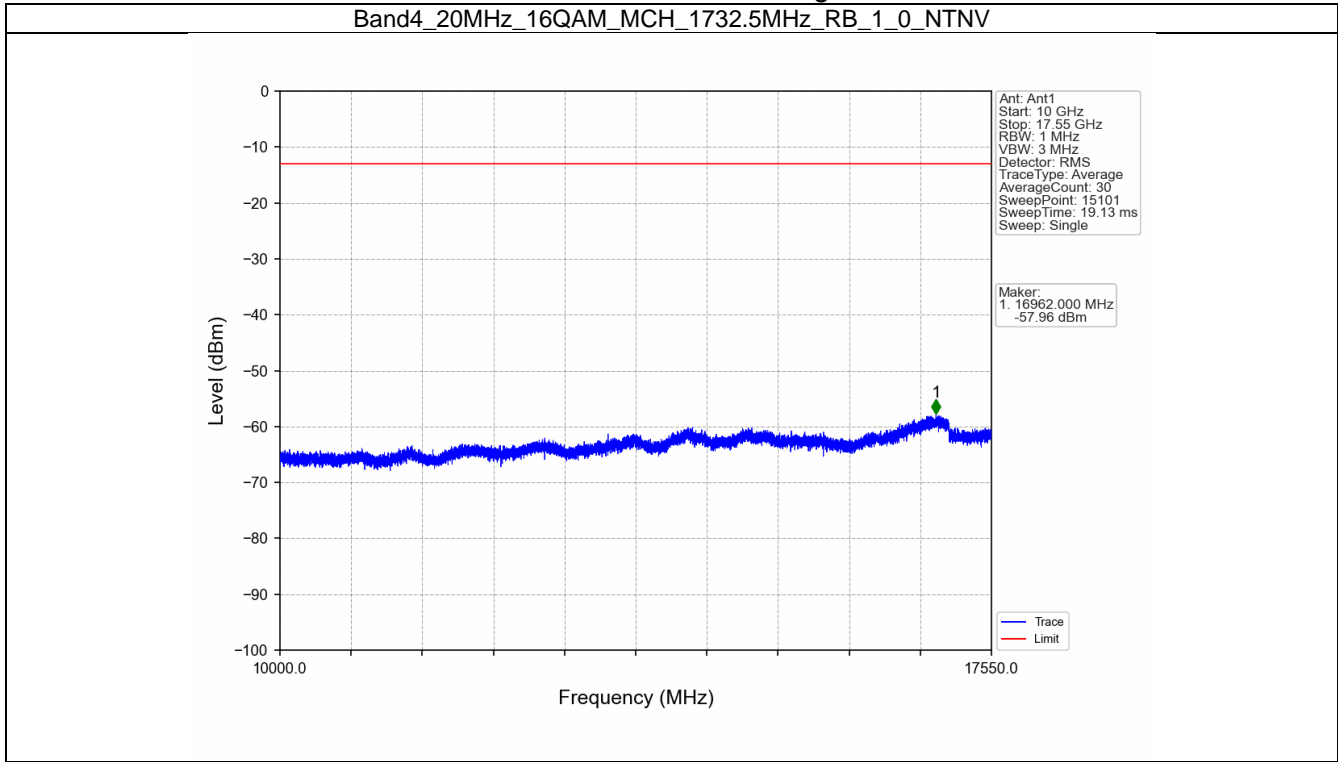
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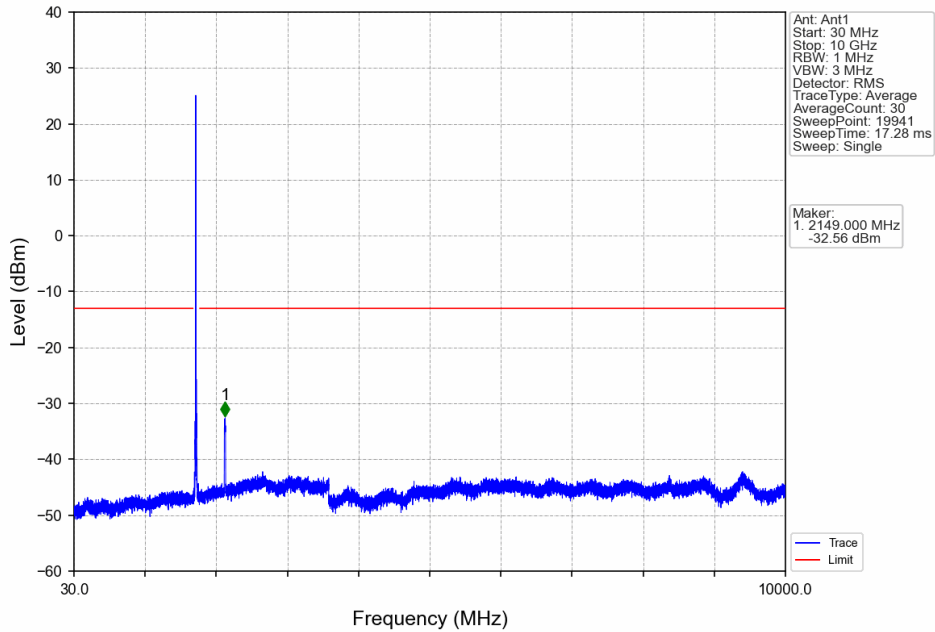
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Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



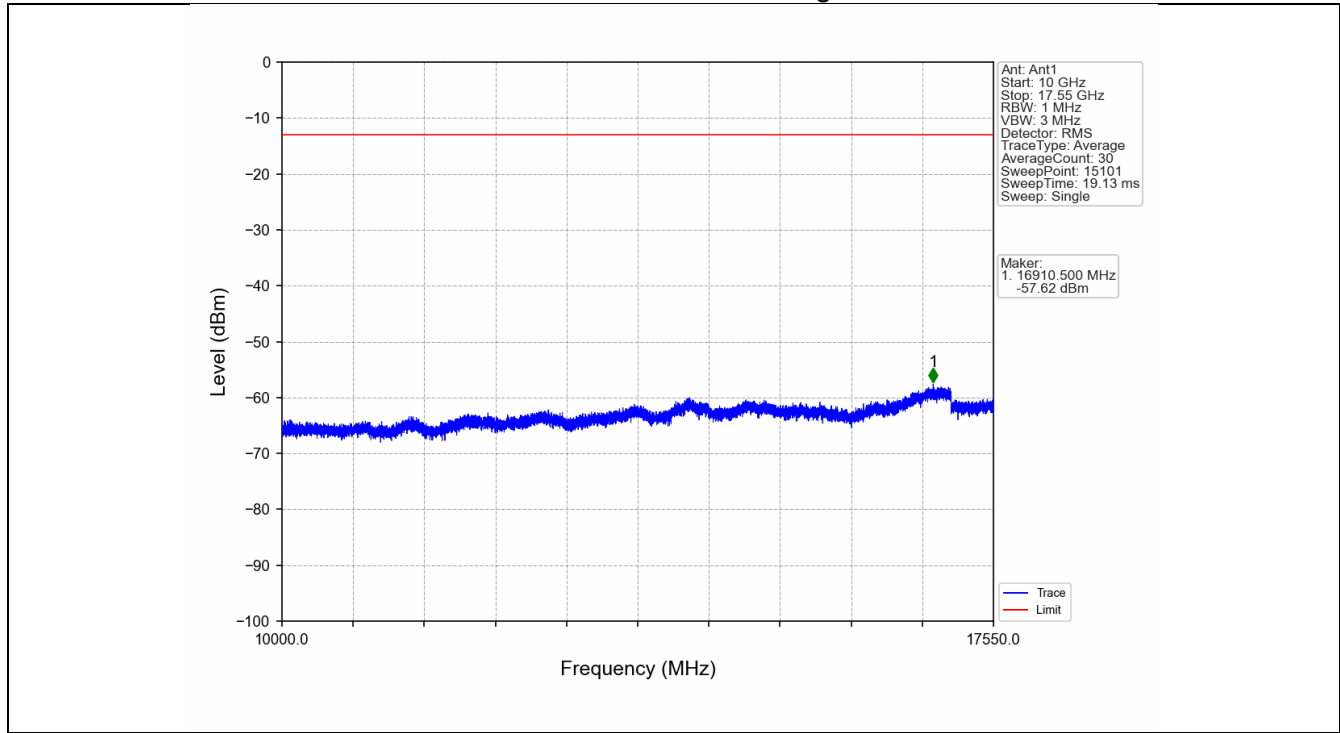
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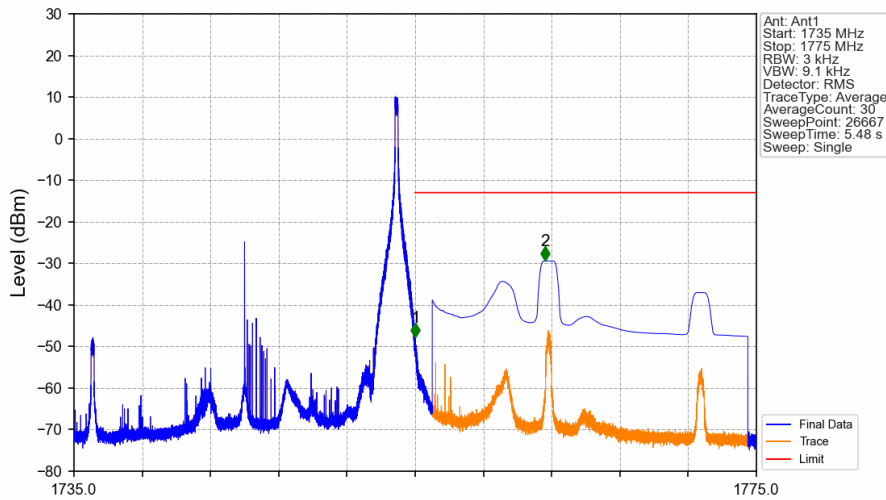


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Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-47.75	-13	Pass
1756	1775	1	CHP	2	1762.613	-29.45	-13	Pass

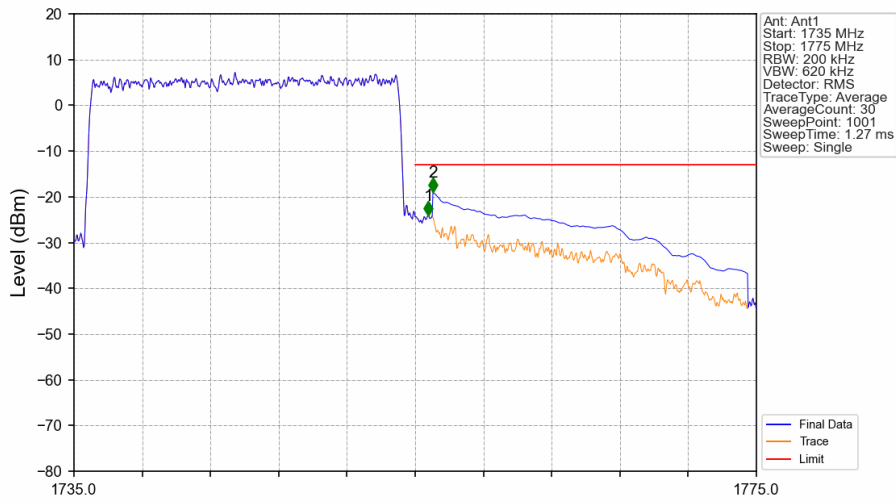


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Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.760	-24.09	-13	Pass
1756	1775	1	CHP	2	1756.040	-19.05	-13	Pass

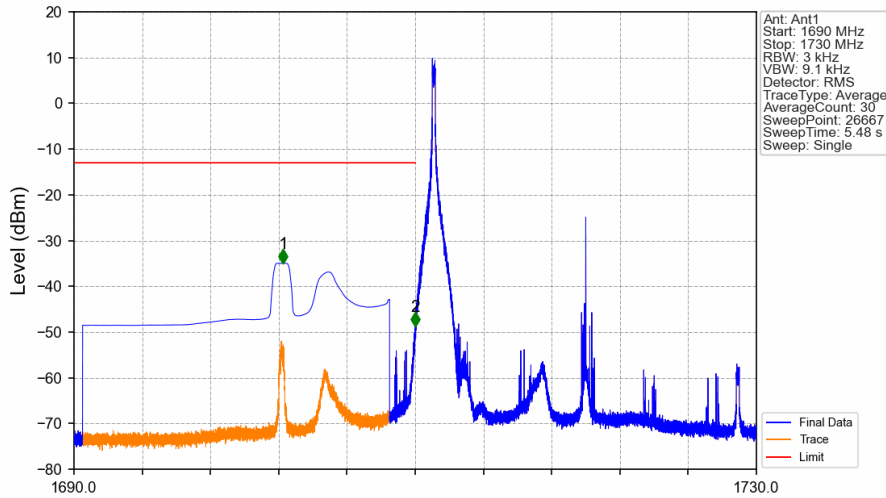


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Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.263	-34.97	-13	Pass
1709	1710	0.003	/	2	1709.995	-48.78	-13	Pass
1710	1730	0.003	/	/	/	/	/	/



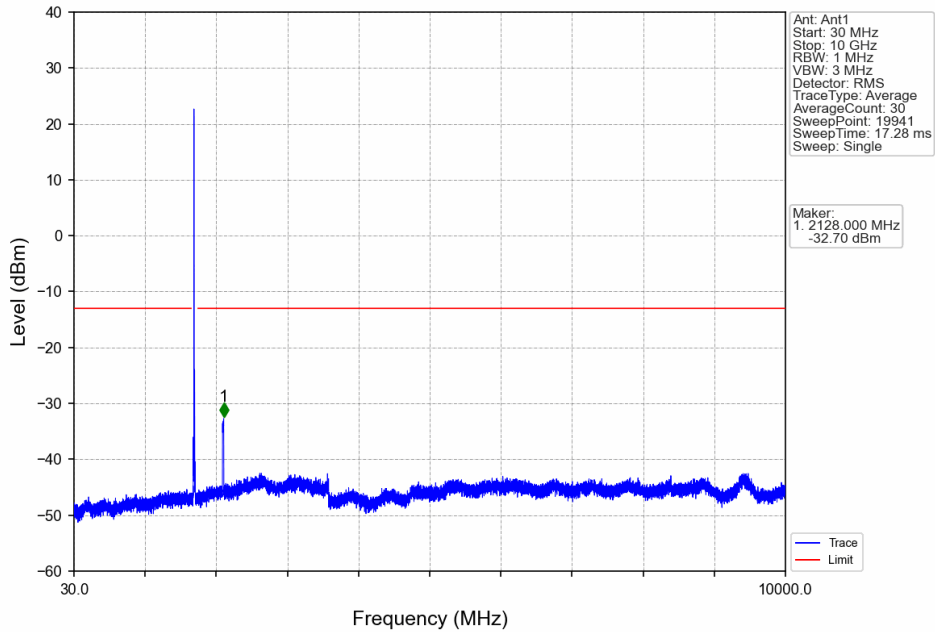
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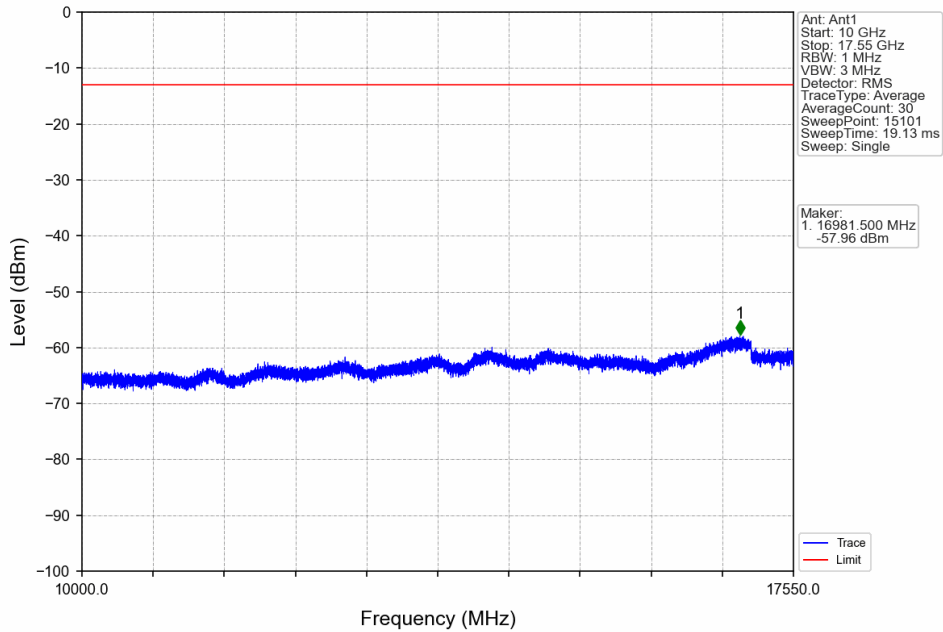
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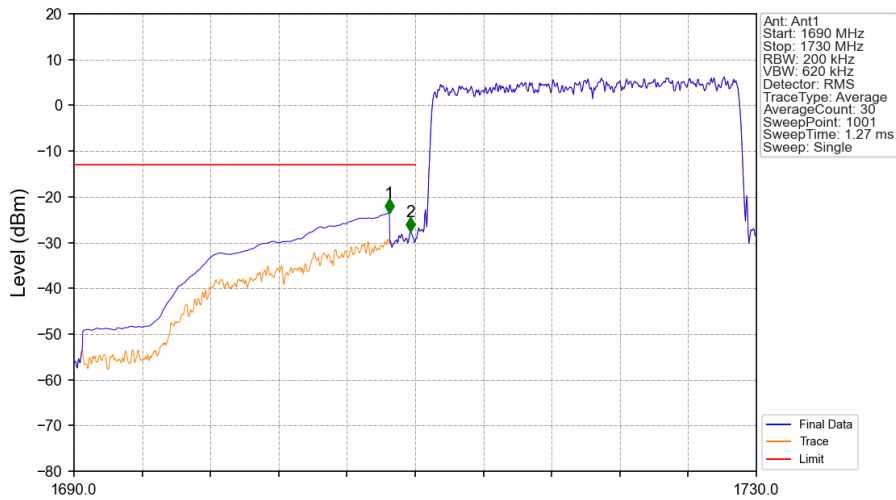


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Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



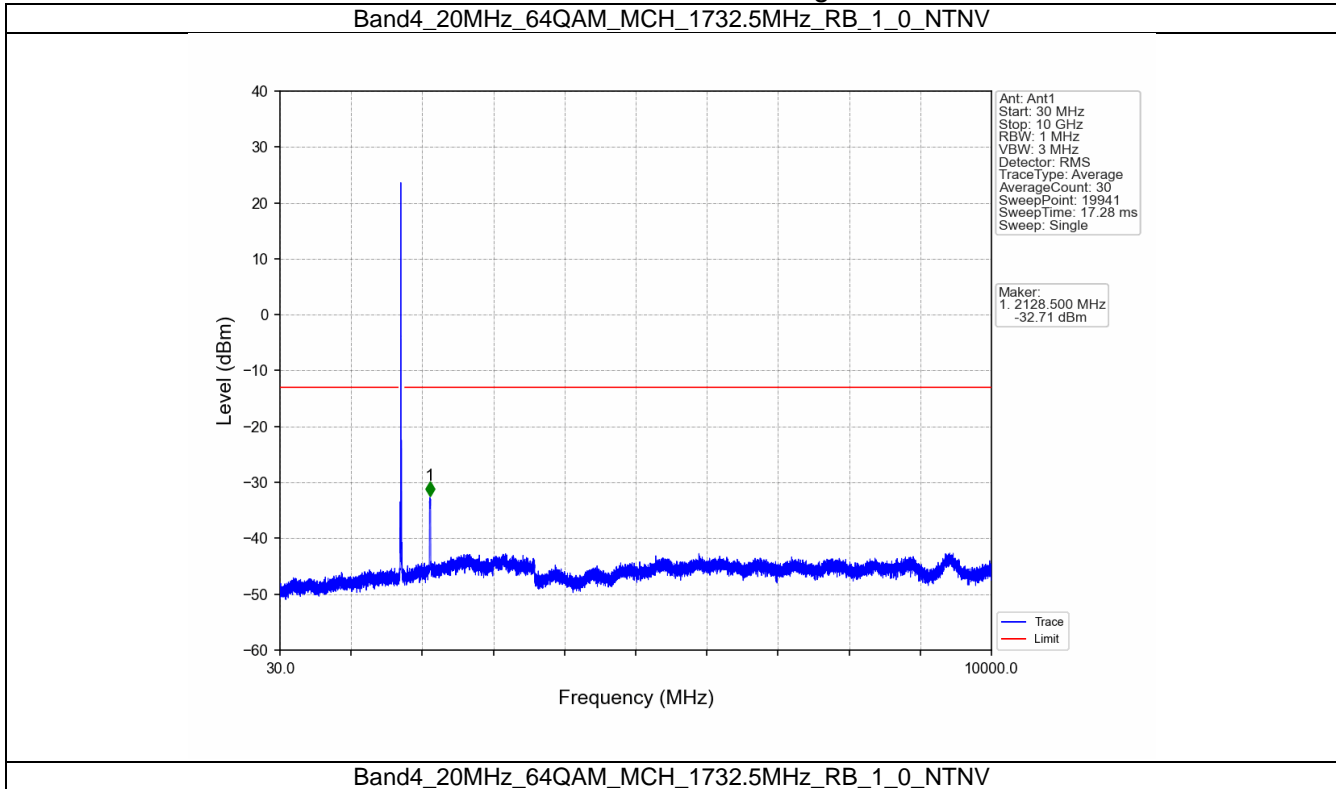
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-23.51	-13	Pass
1709	1710	0.2	/	2	1709.720	-27.57	-13	Pass
1710	1730	0.2	/	/	/	/	/	/



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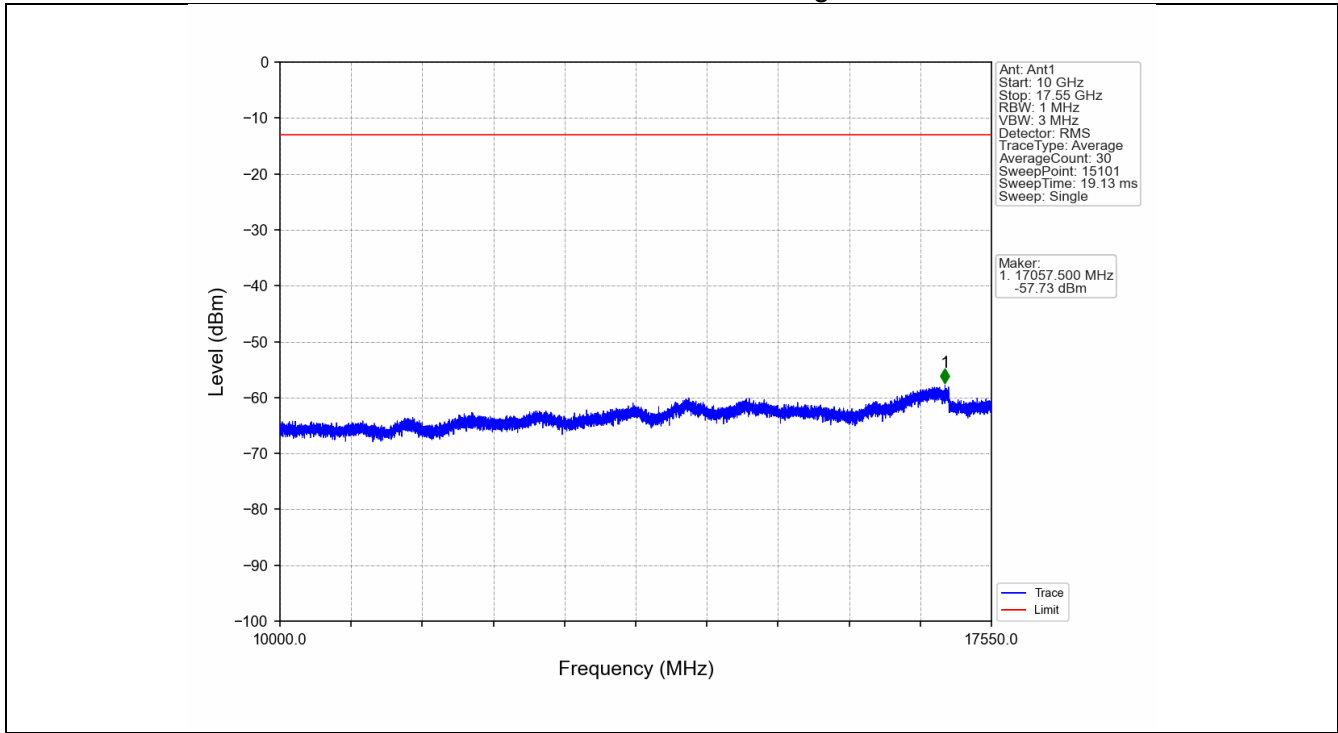
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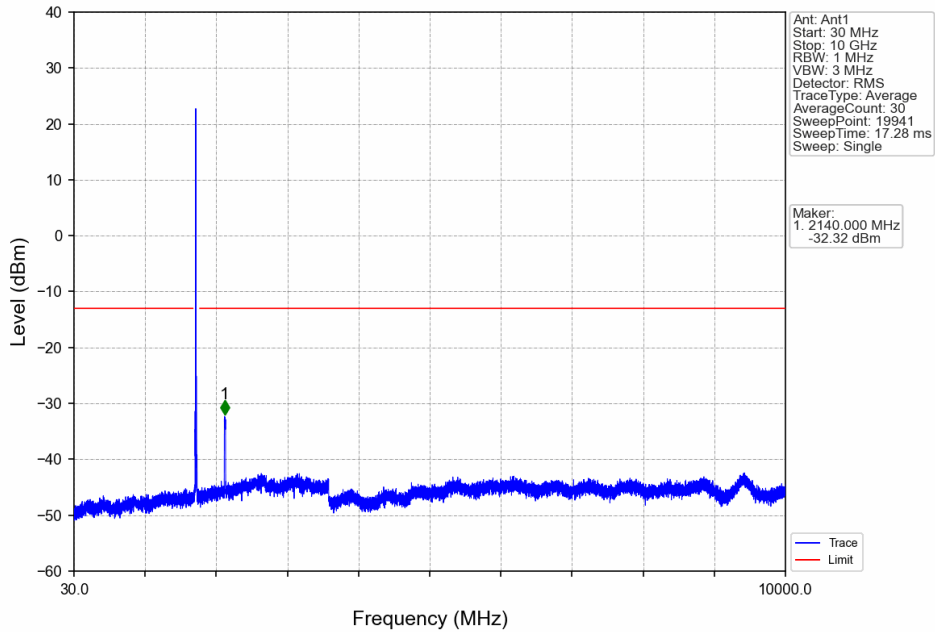
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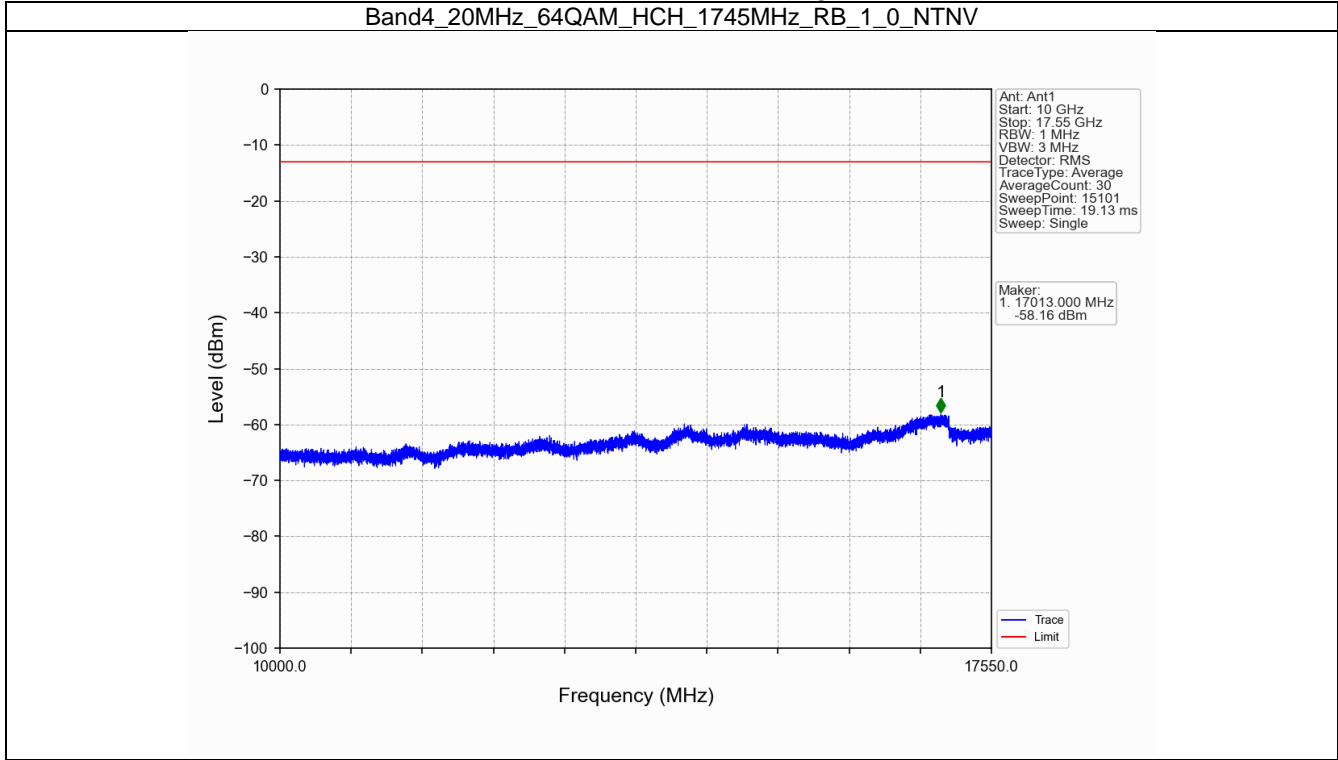
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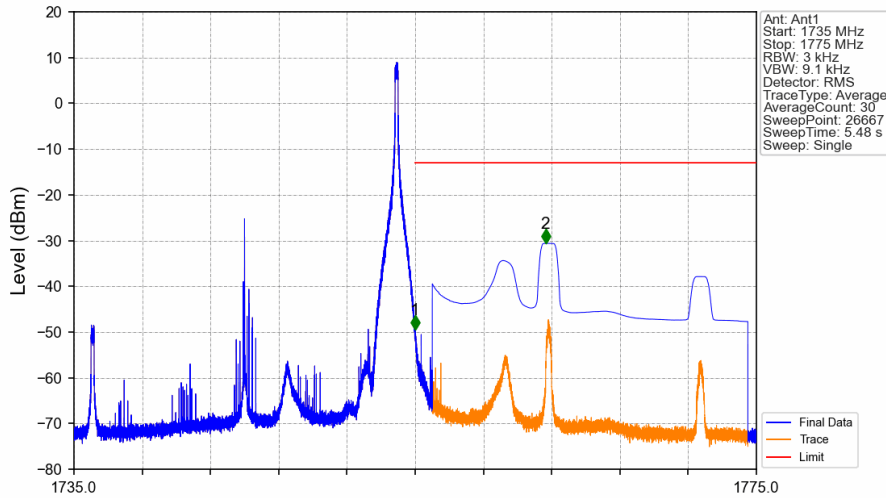
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Band4_20MHz_64QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-49.44	-13	Pass
1756	1775	1	CHP	2	1762.641	-30.63	-13	Pass

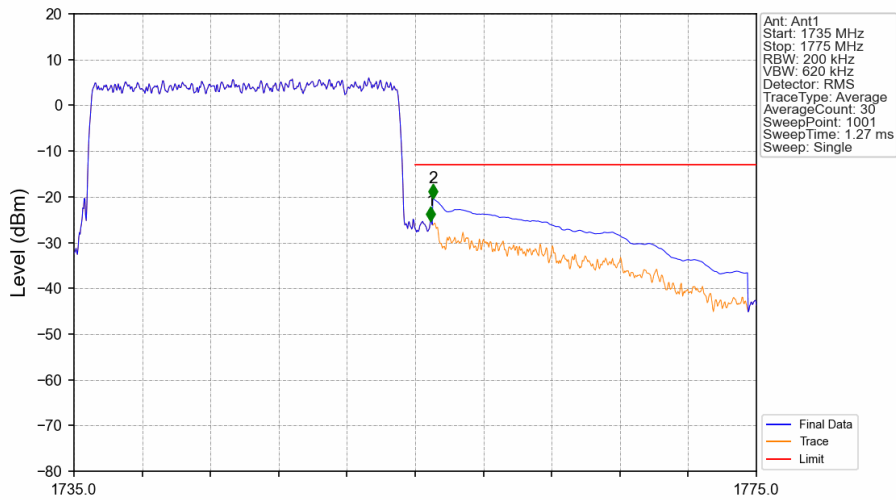


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Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.920	-25.24	-13	Pass
1756	1775	1	CHP	2	1756.040	-20.33	-13	Pass



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5. Effective (Isotropic) Radiated Power Output Data

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.01	24.94	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.10	25.03	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.05	24.98	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.17	24.10	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.13	25.06	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.21	25.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.11	25.04	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.22	24.15	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.07	25.00	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.25	25.18	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.13	25.06	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.25	24.18	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.38	24.31	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.32	24.25	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.37	24.30	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.33	23.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.48	24.41	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.46	24.39	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.42	24.35	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.26	23.19	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.58	24.51	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.63	24.56	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.51	24.44	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.33	23.26	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.33	23.26	30.00	PASS



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Band4	1.4MHz	64QAM	19957	1RB#2	21.41	23.34	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.12	23.05	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.20	22.13	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.44	23.37	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.50	23.43	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.38	23.31	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.19	22.12	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.41	23.34	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.48	23.41	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.30	23.23	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.29	22.22	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.06	24.99	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.20	25.13	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.14	25.07	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.26	24.19	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.15	25.08	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.26	25.19	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.16	25.09	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.28	24.21	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.22	25.15	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.24	25.17	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.15	25.08	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.27	24.20	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.42	24.35	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.63	24.56	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.34	24.27	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.32	23.25	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.37	24.30	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.66	24.59	30.00	PASS



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Band4	3MHz	16QAM	20175	1RB#14	22.48	24.41	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.33	23.26	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.47	24.40	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.62	24.55	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.43	24.36	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.33	23.26	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.41	23.34	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.48	23.41	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.34	23.27	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.21	22.14	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.37	23.30	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.53	23.46	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.38	23.31	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.34	22.27	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.34	23.27	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.50	23.43	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.41	23.34	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.23	22.16	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.04	24.97	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.20	25.13	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.04	24.97	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.29	24.22	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.04	24.97	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.27	25.20	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.06	24.99	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.25	24.18	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.04	24.97	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.27	25.20	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.12	25.05	30.00	PASS



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Band4	5MHz	QPSK	20375	25RB#0	22.23	24.16	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.36	24.29	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.46	24.39	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.47	24.40	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.33	23.26	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.45	24.38	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.48	24.41	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.45	24.38	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.27	23.20	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.52	24.45	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.51	24.44	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.46	24.39	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.28	23.21	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.32	23.25	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.43	23.36	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.15	23.08	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.24	22.17	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.41	23.34	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.40	23.33	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.51	23.44	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.35	22.28	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.34	23.27	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.48	23.41	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.36	23.29	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.24	22.17	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.80	24.73	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.24	25.17	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.79	24.72	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.24	24.17	30.00	PASS



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Band4	10MHz	QPSK	20175	1RB#0	22.85	24.78	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.18	25.11	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.96	24.89	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.19	24.12	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.96	24.89	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.23	25.16	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.84	24.77	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.22	24.15	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.07	24.00	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.36	24.29	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.22	24.15	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.22	23.15	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.34	24.27	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.53	24.46	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.30	24.23	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.20	23.13	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.12	24.05	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.57	24.50	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.23	24.16	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.23	23.16	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.89	22.82	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.26	23.19	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.55	23.48	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.20	22.13	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.11	23.04	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.42	23.35	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.04	22.97	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.23	22.16	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.99	22.92	30.00	PASS



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Band4	10MHz	64QAM	20350	1RB#24	21.43	23.36	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.07	23.00	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.21	22.14	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.77	24.70	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.19	25.12	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.05	24.98	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.22	24.15	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.88	24.81	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.16	25.09	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.10	25.03	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.22	24.15	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.92	24.85	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.13	25.06	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.10	25.03	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.29	24.22	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.08	24.01	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.42	24.35	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.23	24.16	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.32	23.25	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.28	24.21	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.45	24.38	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.36	24.29	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.23	23.16	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.37	24.30	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.37	24.30	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.45	24.38	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.28	23.21	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.01	22.94	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.59	23.52	30.00	PASS



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Band4	15MHz	64QAM	20025	1RB#74	21.25	23.18	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.17	22.10	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.12	23.05	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.43	23.36	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.32	23.25	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.24	22.17	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.06	22.99	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.37	23.30	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.40	23.33	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.23	22.16	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.77	24.70	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.05	24.98	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.96	24.89	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.22	24.15	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.76	24.69	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.15	25.08	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.97	24.90	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.19	24.12	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.83	24.76	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.12	25.05	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.99	24.92	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.15	24.08	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.21	24.14	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.54	24.47	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.30	24.23	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.20	23.13	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.25	24.18	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.32	24.25	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.21	24.14	30.00	PASS



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Band4	20MHz	16QAM	20175	100RB#0	21.19	23.12	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.21	24.14	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.51	24.44	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.29	24.22	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.08	23.01	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.00	22.93	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.32	23.25	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.21	23.14	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.24	22.17	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.00	22.93	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.34	23.27	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.17	23.10	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.14	22.07	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.00	22.93	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.34	23.27	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.33	23.26	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.20	22.13	30.00	PASS



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6. Field Strength of Spurious Radiation

Test Band = LTE Band4_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.1800	56.75	-46.28	28.55	-56.23	-13.00	43.23	Horizontal
2	5133	53.36	-45.34	31.72	-55.52	-13.00	42.52	Horizontal
3	6844.3600	41.58	-44.14	34.92	-62.90	-13.00	49.90	Horizontal
4	8555.4500	37.16	-41.46	36.52	-63.04	-13.00	50.04	Horizontal
5	10266.5400	31.96	-39.23	38.33	-64.19	-13.00	51.19	Horizontal
6	11977.6300	27.68	-37.51	38.80	-66.30	-13.00	53.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.1800	53.64	-46.28	28.55	-59.34	-13.00	46.34	Vertical
2	5133	53.75	-45.34	31.72	-55.13	-13.00	42.13	Vertical
3	6844.3600	39.28	-44.14	34.92	-65.20	-13.00	52.20	Vertical
4	8555.25	42.12	-41.46	36.52	-58.08	-13.00	45.08	Vertical
5	10266.5400	32.22	-39.23	38.33	-63.93	-13.00	50.93	Vertical
6	11977.6300	27.88	-37.51	38.80	-66.10	-13.00	53.10	Vertical



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Test Band = LTE Band4_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447	53.31	-46.27	28.57	-59.65	-13.00	46.65	Horizontal
2	5170.7700	49.43	-45.31	31.81	-59.32	-13.00	46.32	Horizontal
3	6894.3600	40.03	-44.10	35.01	-64.32	-13.00	51.32	Horizontal
4	8617.9500	36.84	-41.40	36.49	-63.32	-13.00	50.32	Horizontal
5	10341.5400	32.20	-39.06	38.37	-63.75	-13.00	50.75	Horizontal
6	12065.1300	27.37	-37.44	38.82	-66.51	-13.00	53.51	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447	54.10	-46.27	28.57	-58.86	-13.00	45.86	Vertical
2	5170.5	53.46	-45.31	31.81	-55.30	-13.00	42.30	Vertical
3	6894.3600	38.72	-44.10	35.01	-65.63	-13.00	52.63	Vertical
4	8617.9500	39.32	-41.40	36.49	-60.84	-13.00	47.84	Vertical
5	10341.5400	32.35	-39.06	38.37	-63.60	-13.00	50.60	Vertical
6	12065.1300	27.72	-37.44	38.82	-66.16	-13.00	53.16	Vertical



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Test Band = LTE Band4_ TM1
Test Channel = High

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of data for horizontal polarity.

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of data for vertical polarity.

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit - Level

---End of Attachment---



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