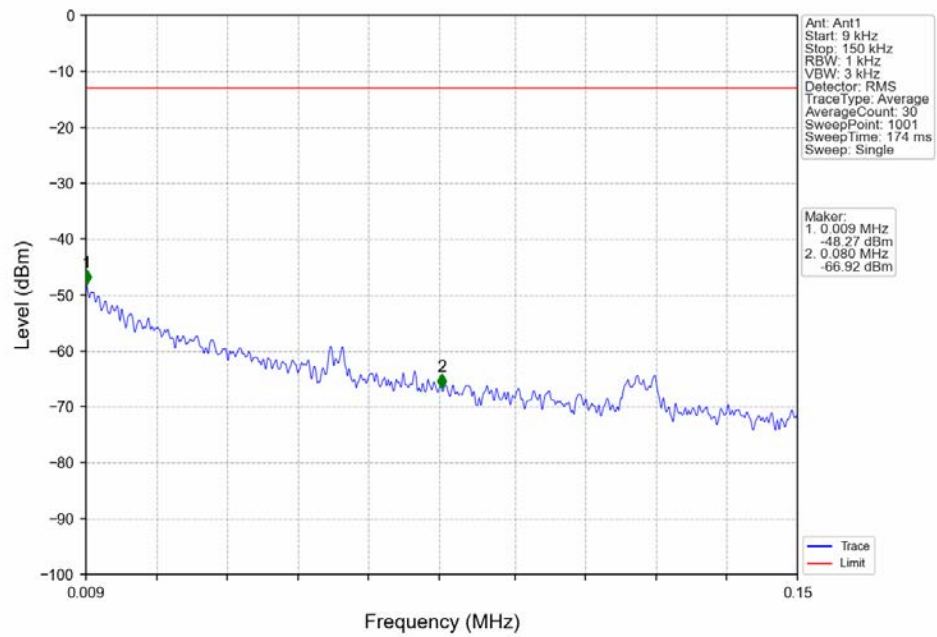
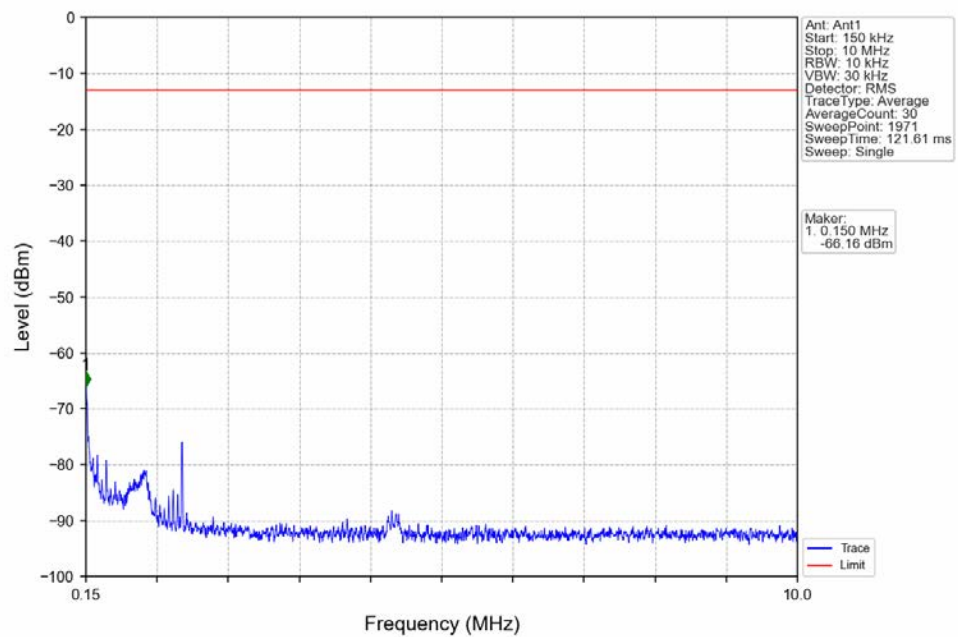


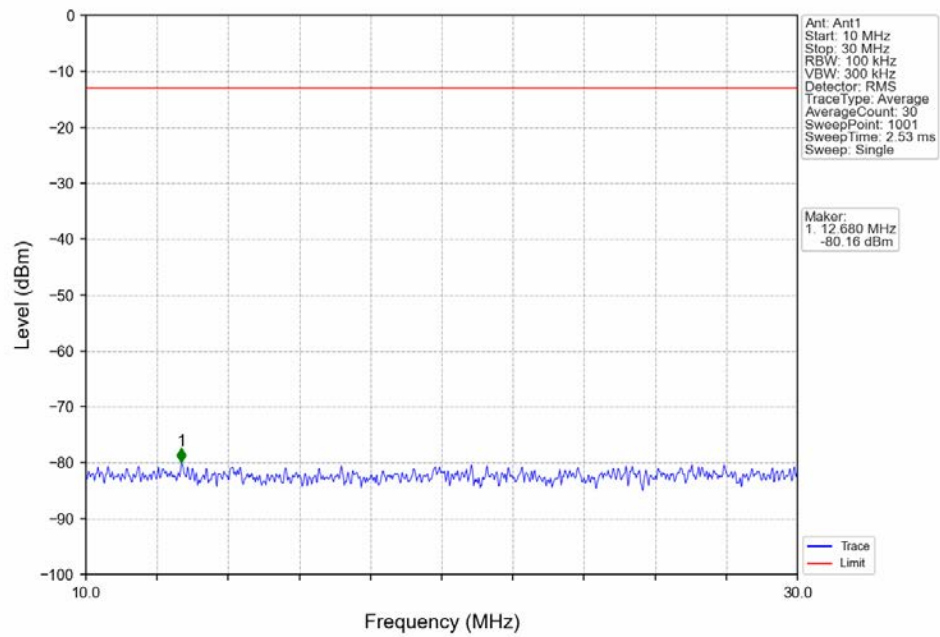
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



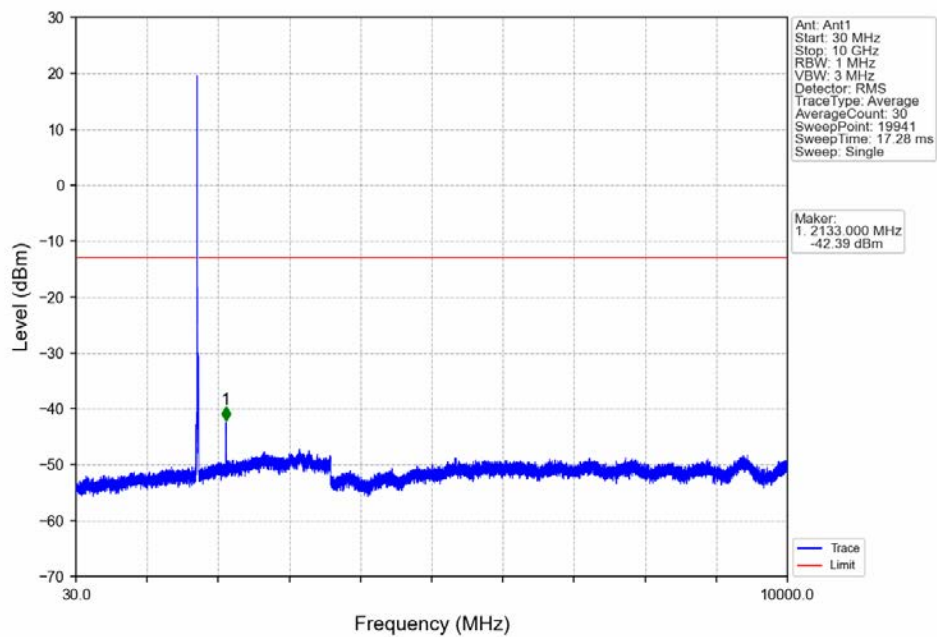
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



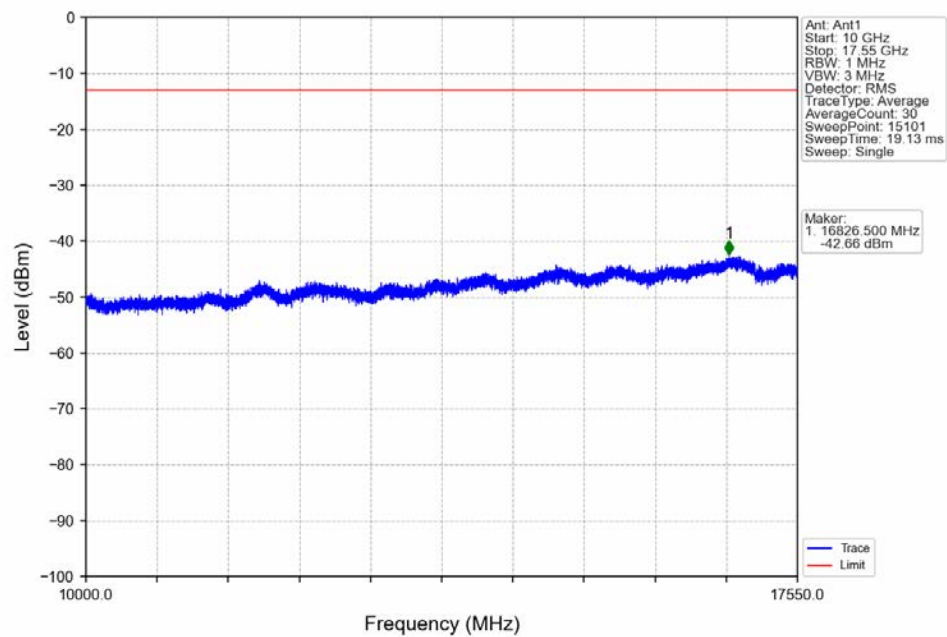
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



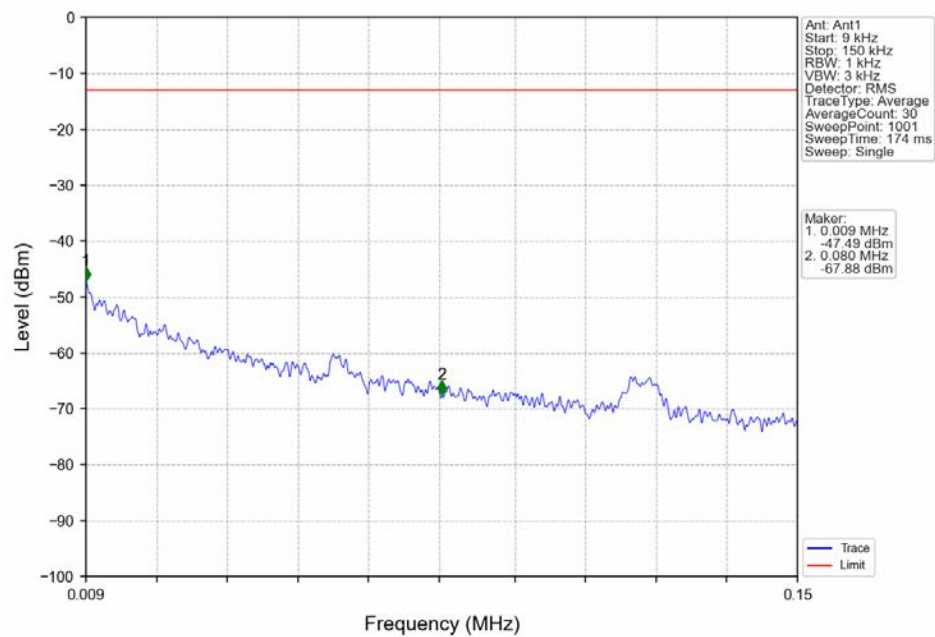
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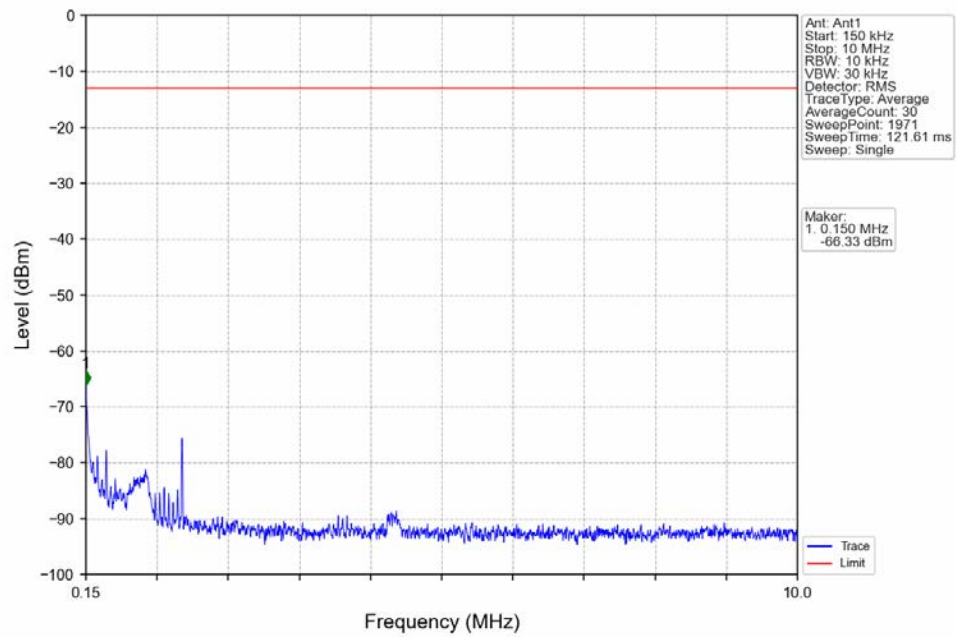
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



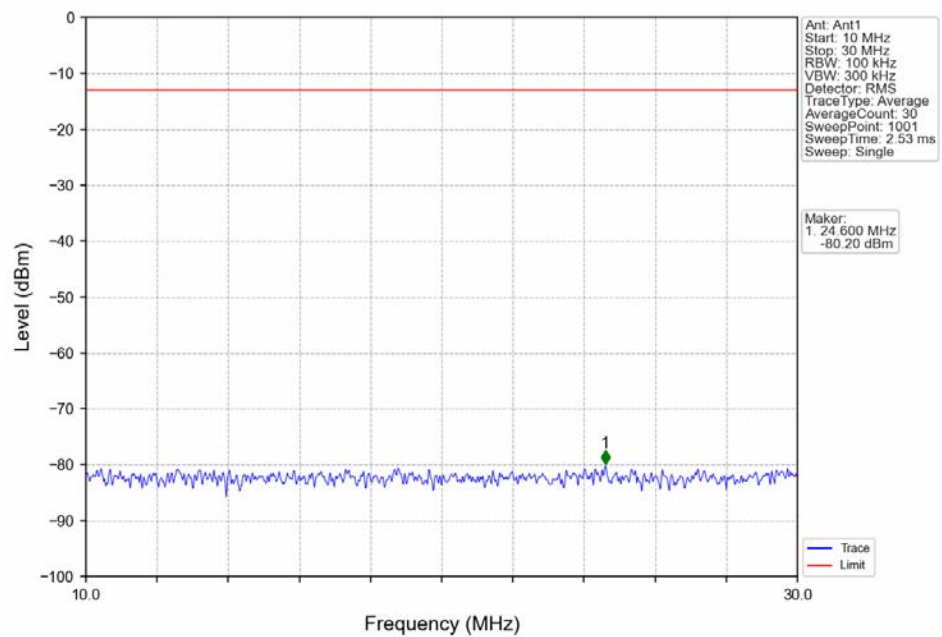
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



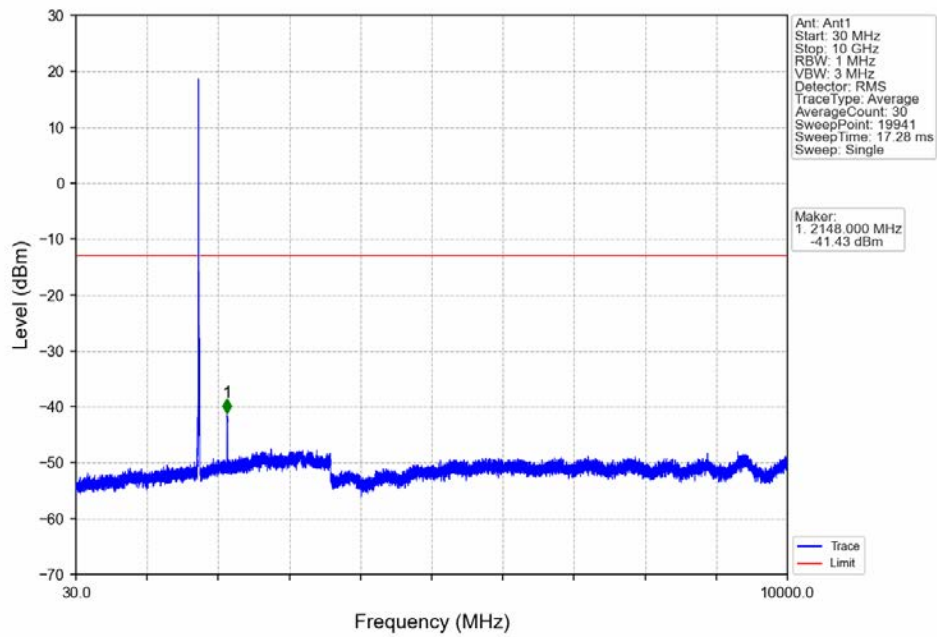
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTN



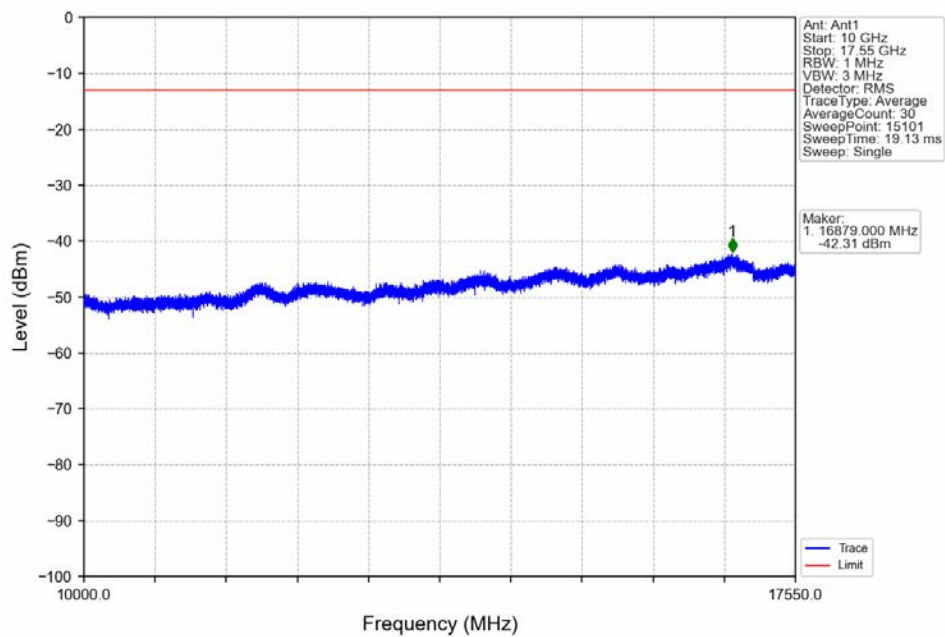
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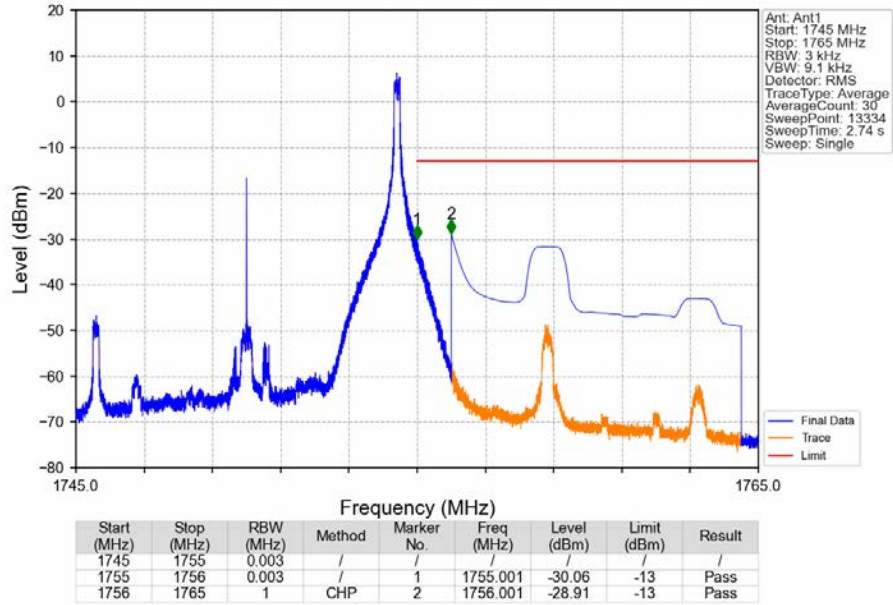
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



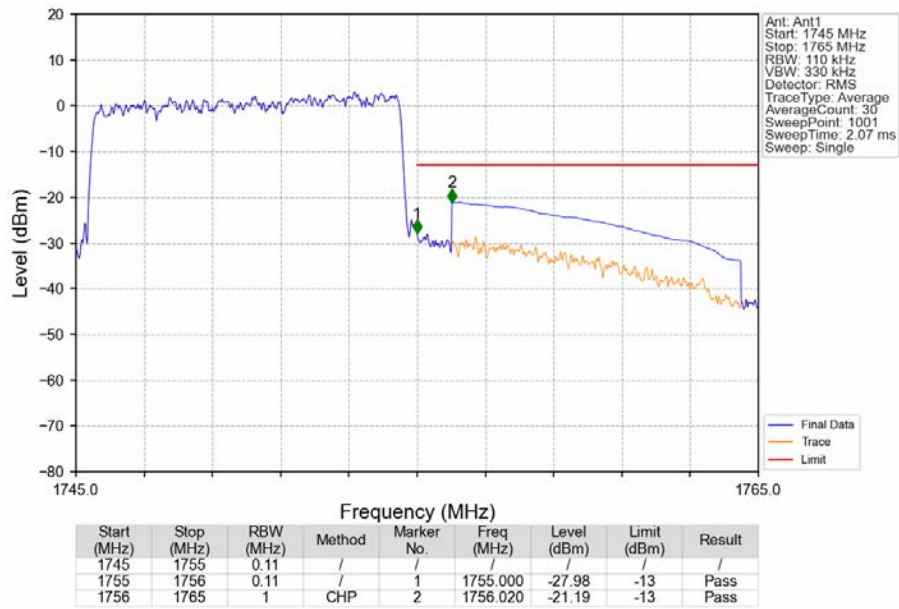
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



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



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

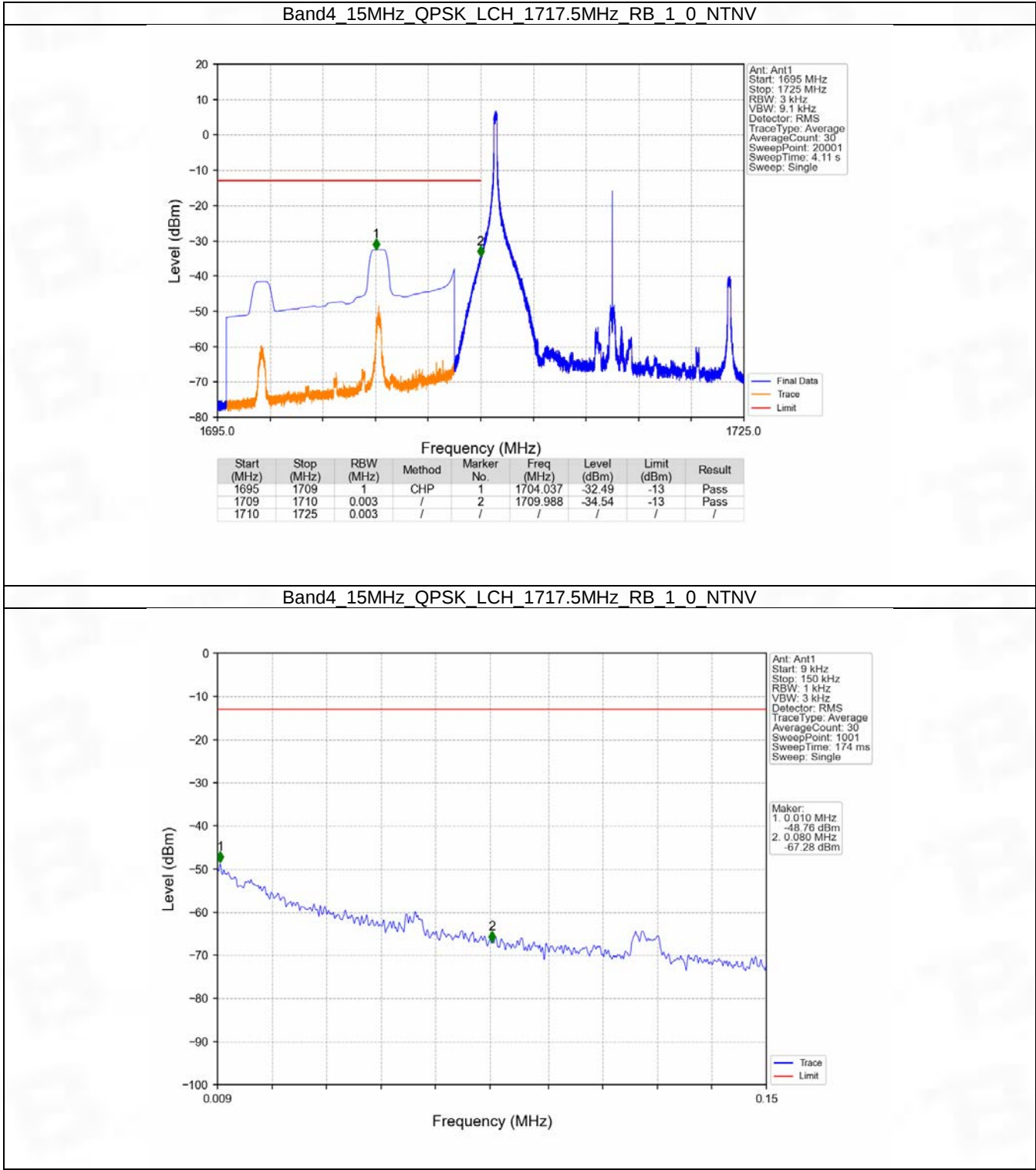


6.5 B4_15MHz

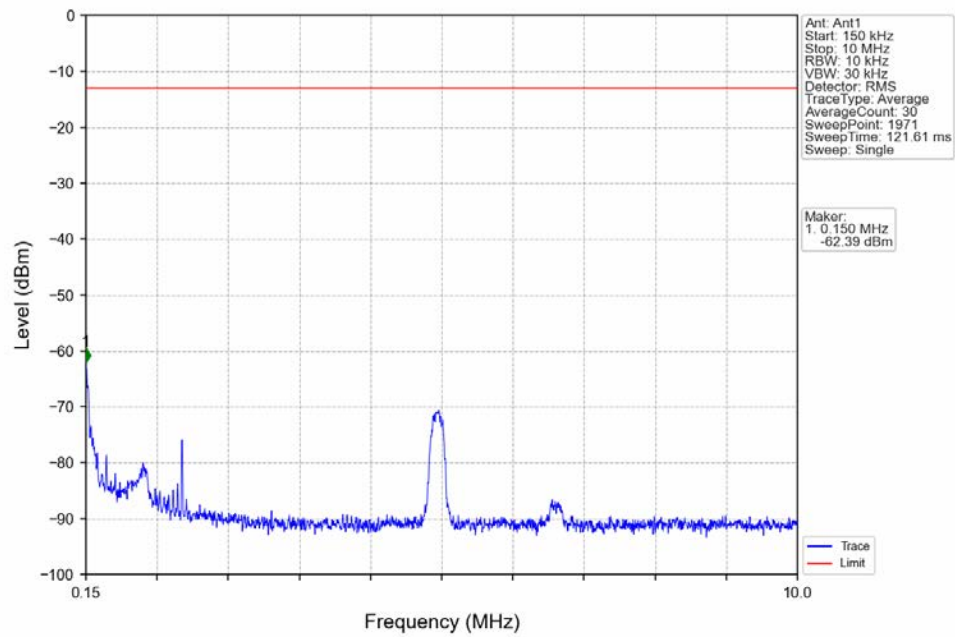
6.5.1 Test Result

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

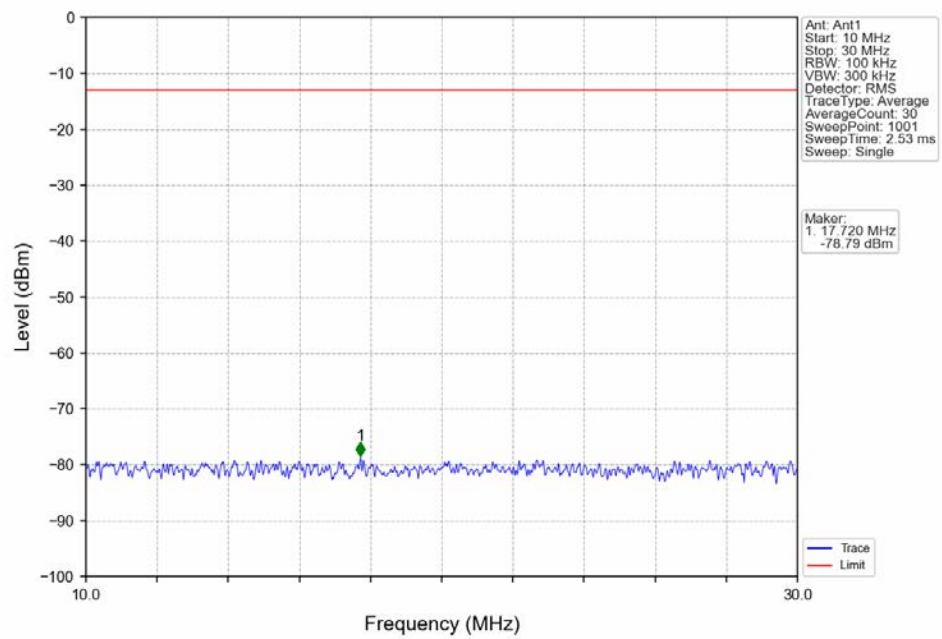
6.5.2 Test Graph



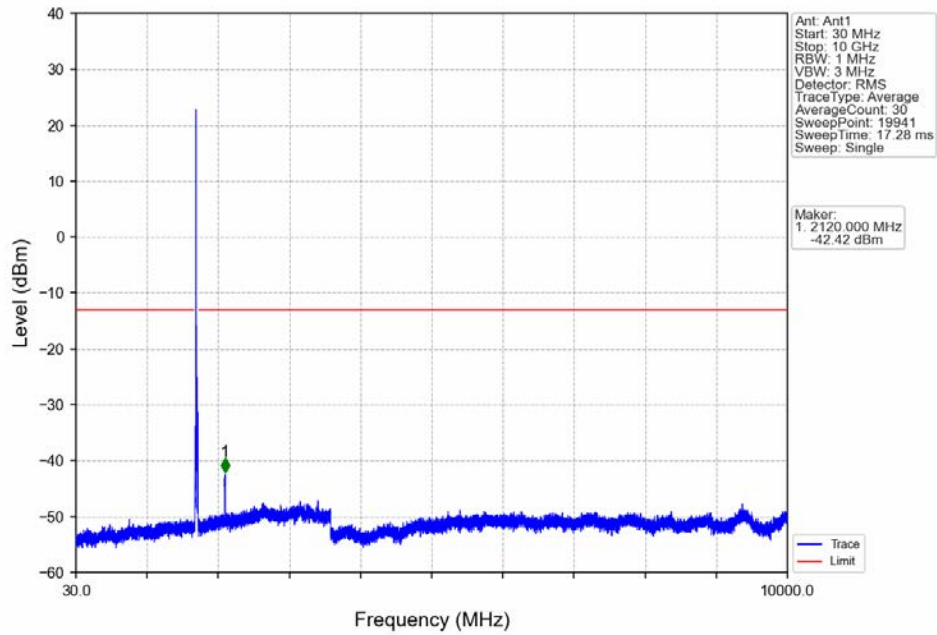
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



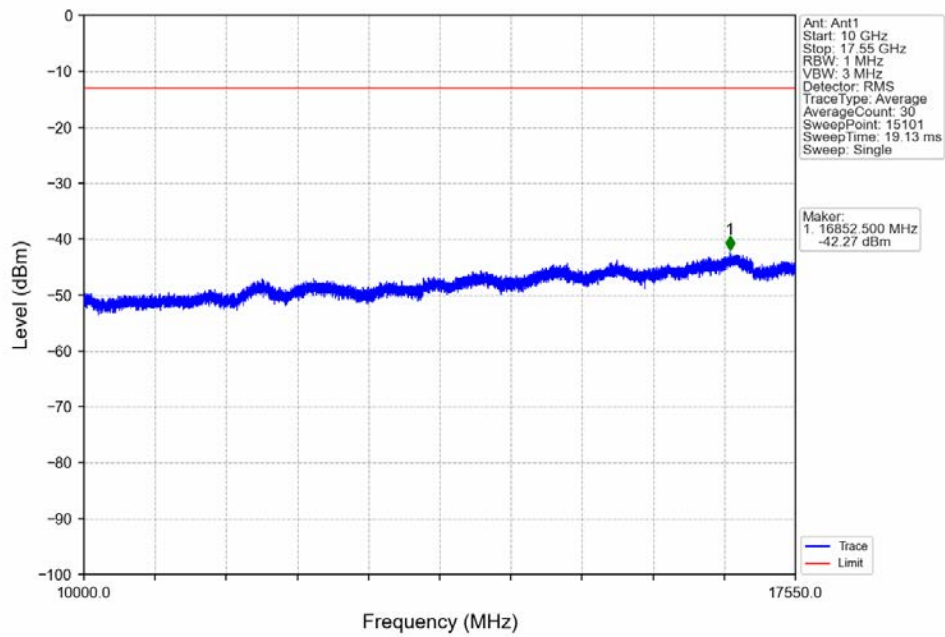
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



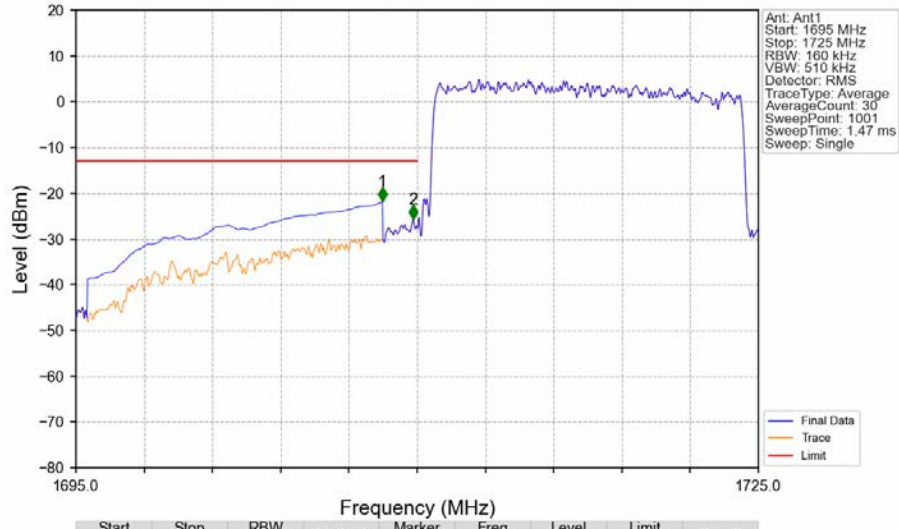
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



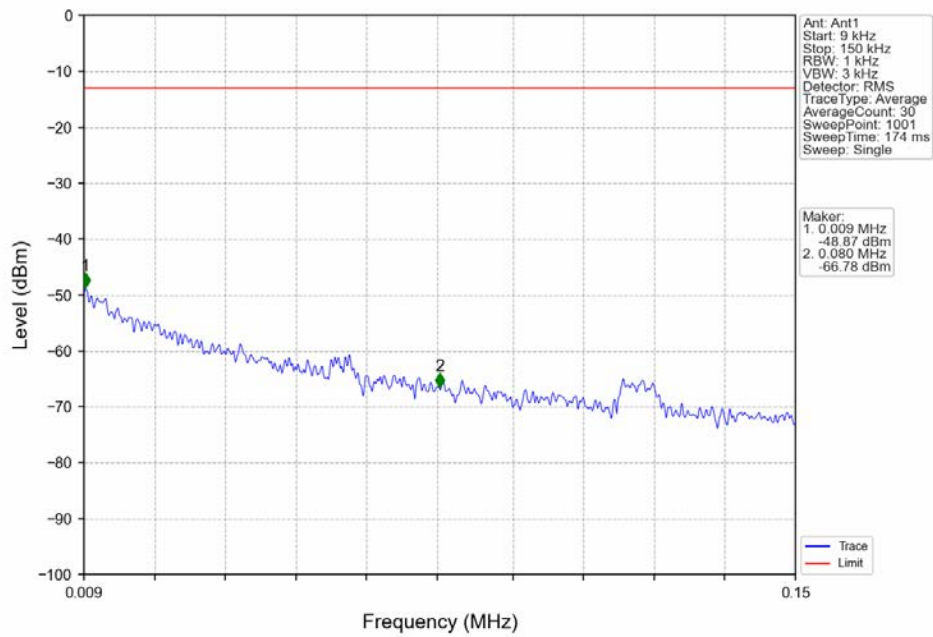
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



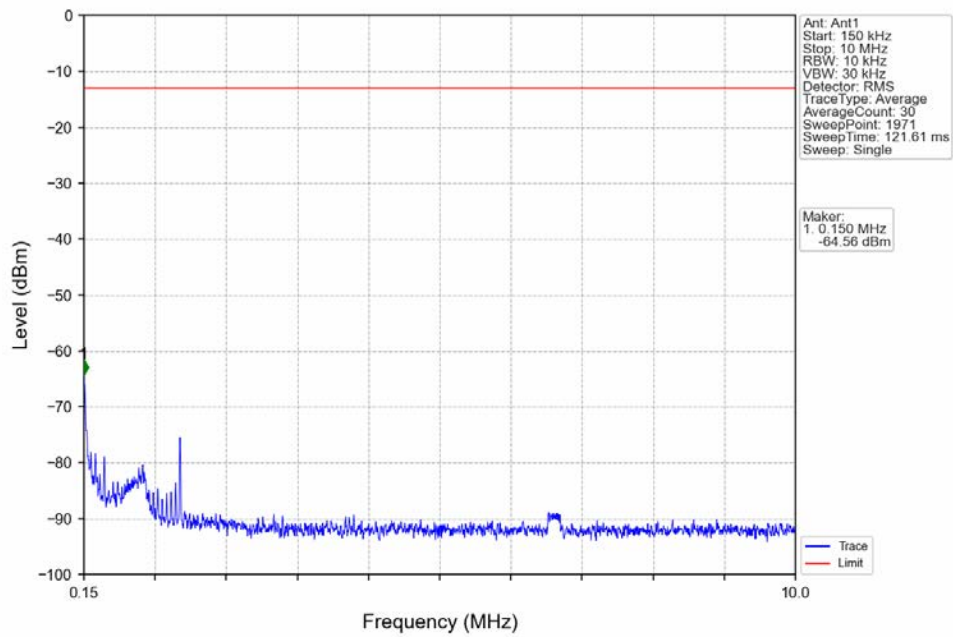
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV



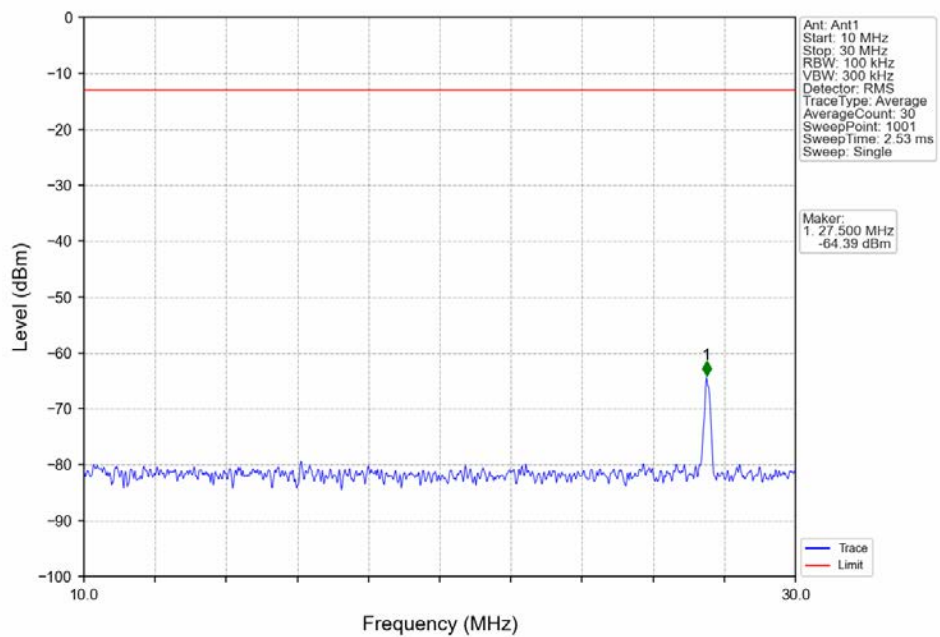
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



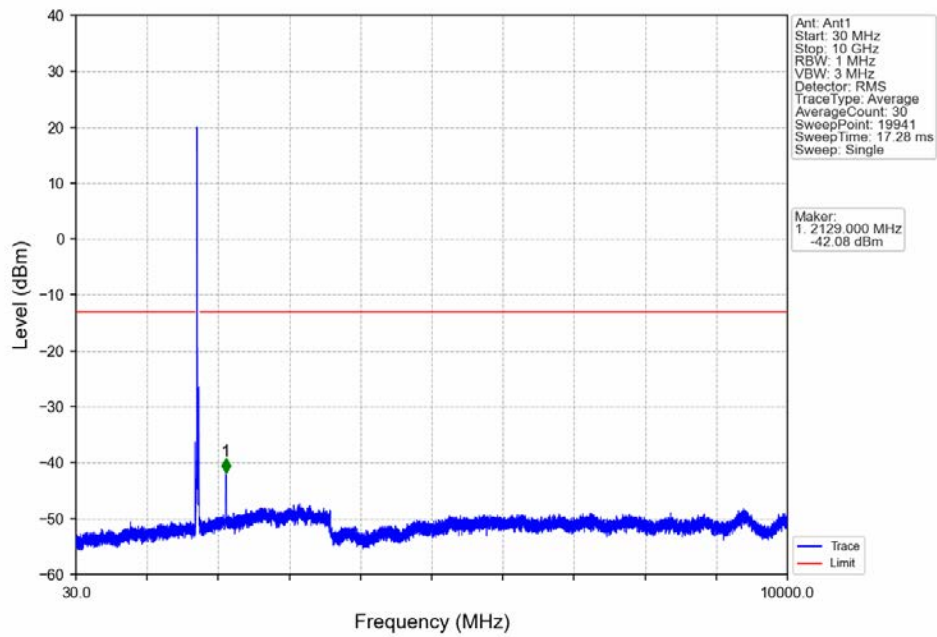
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



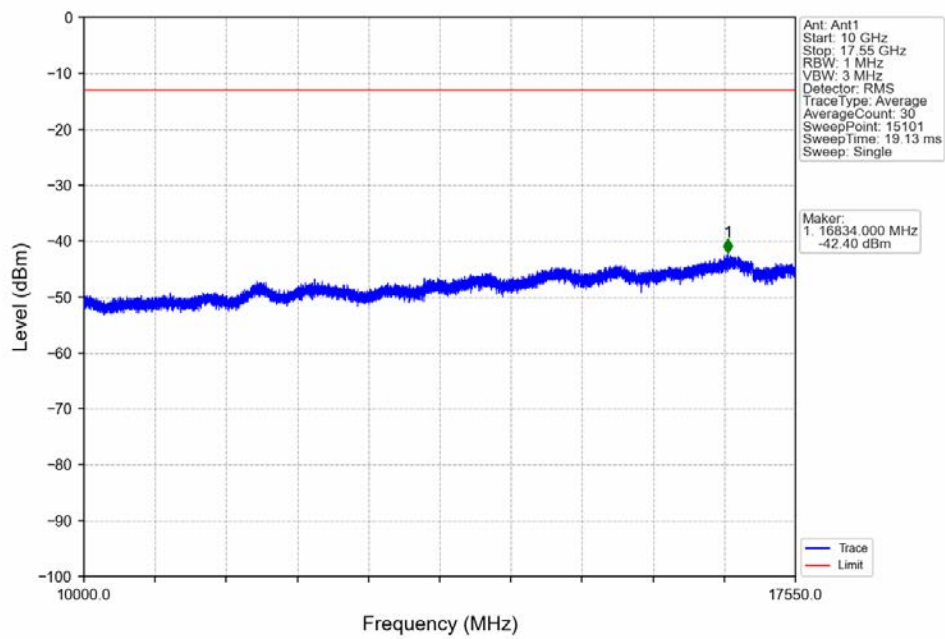
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



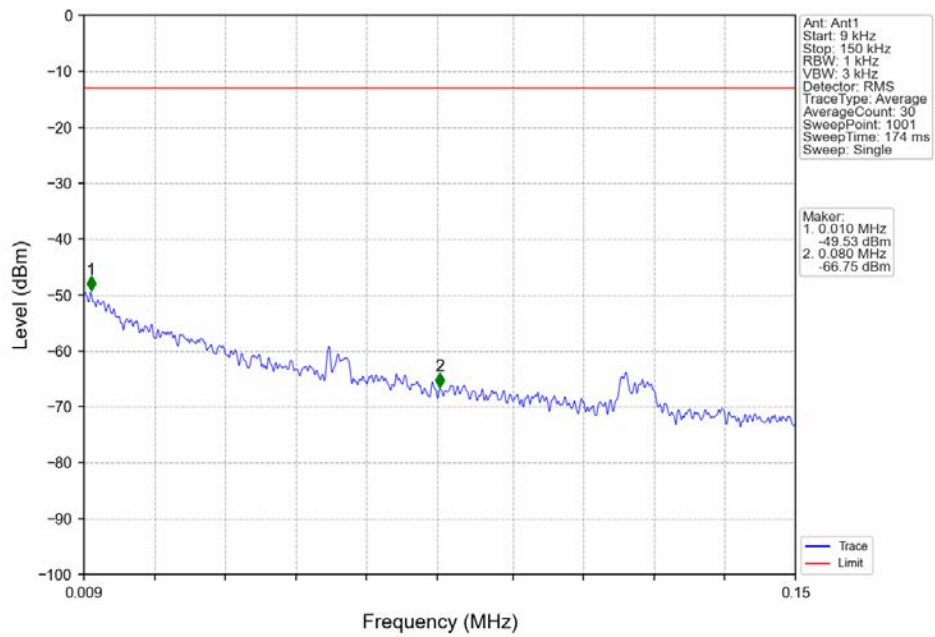
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



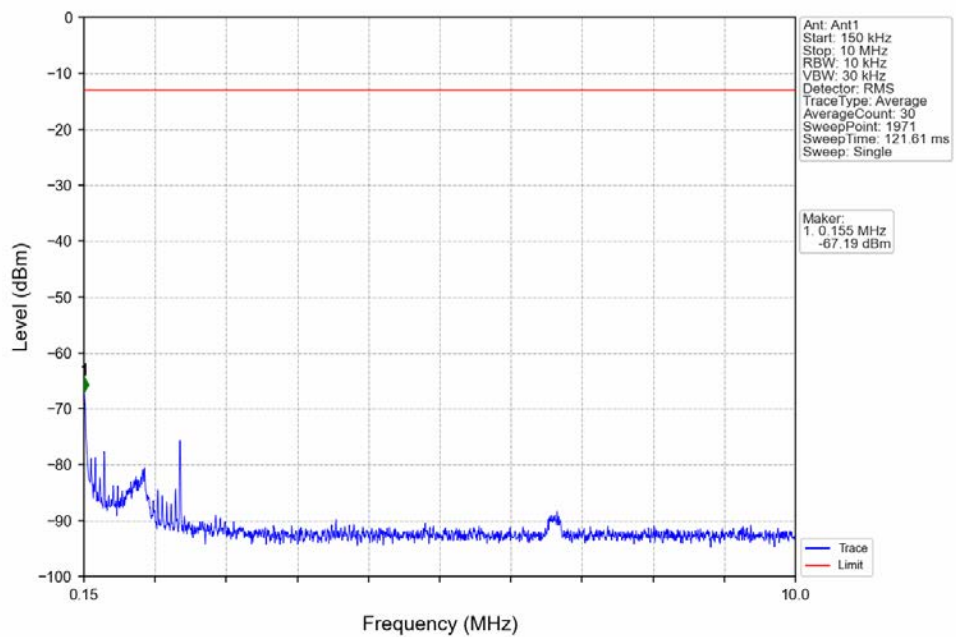
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



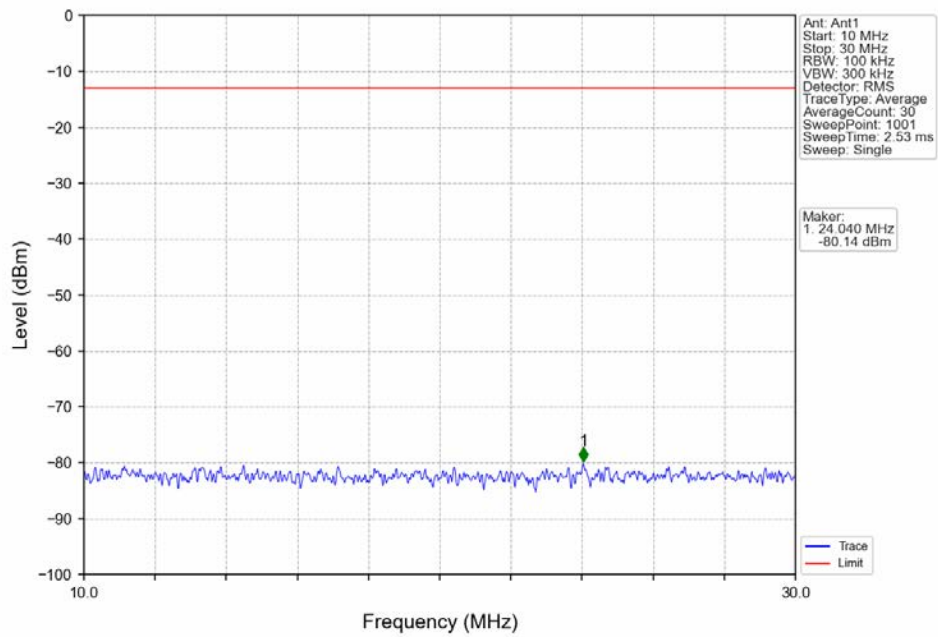
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



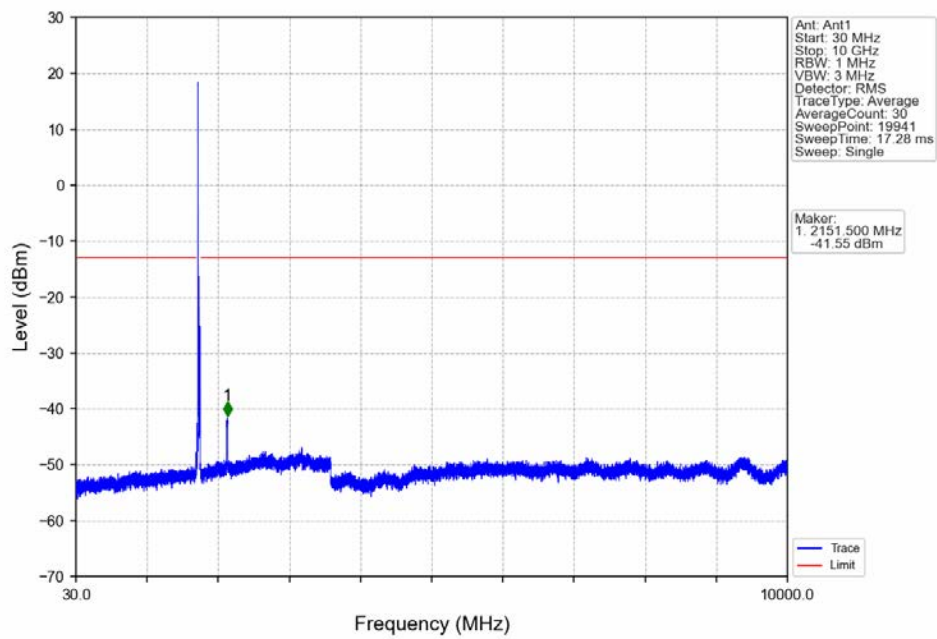
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



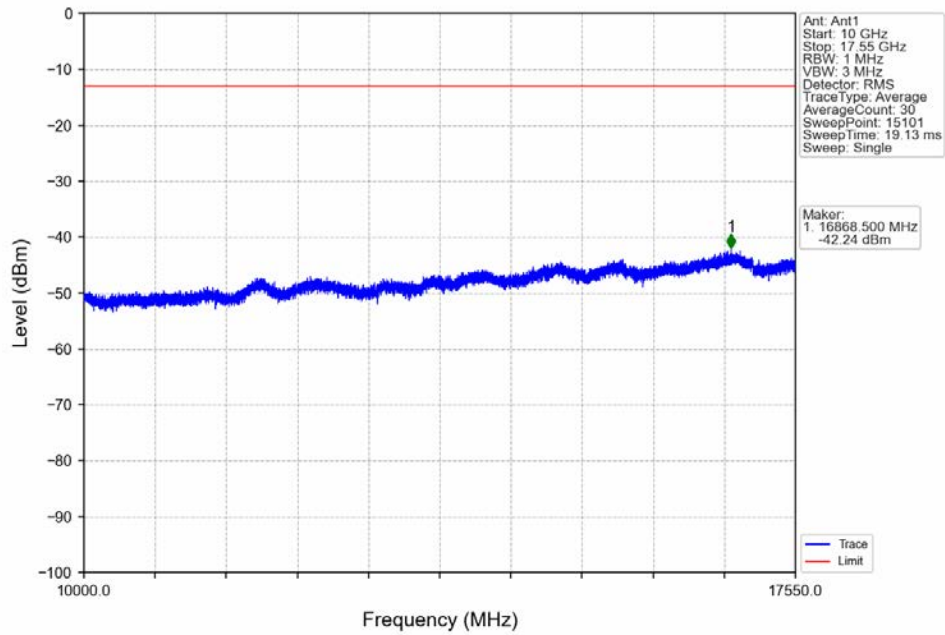
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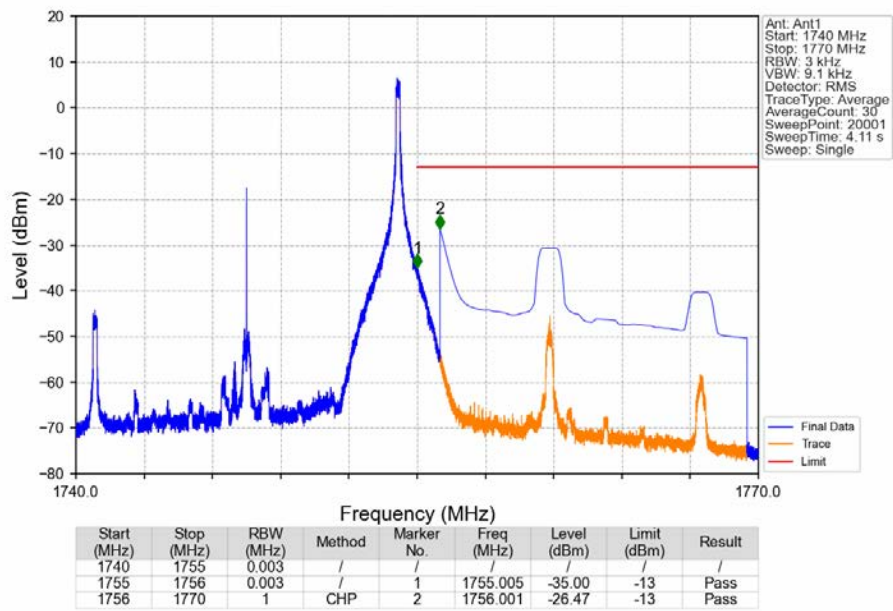
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



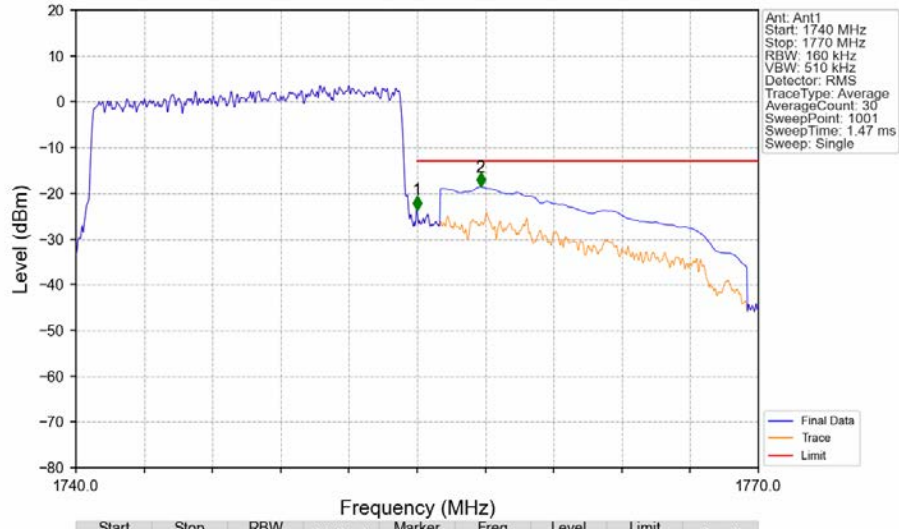
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTNV

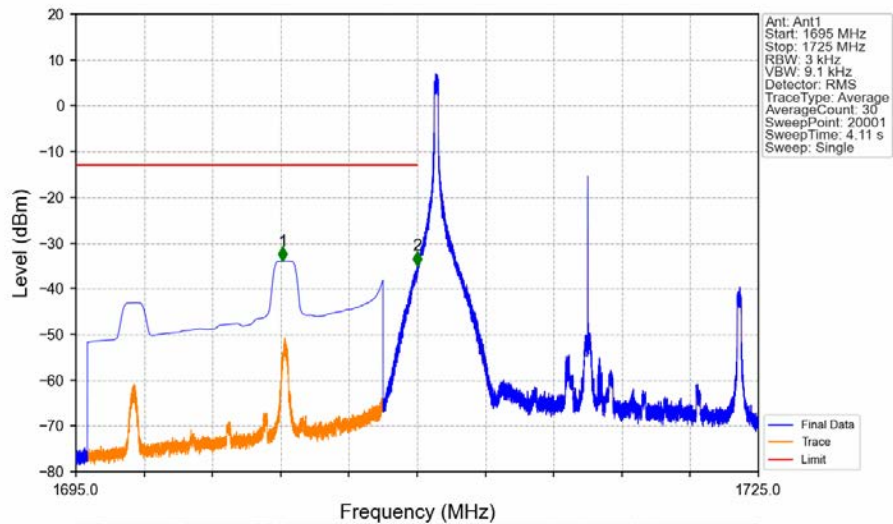


Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



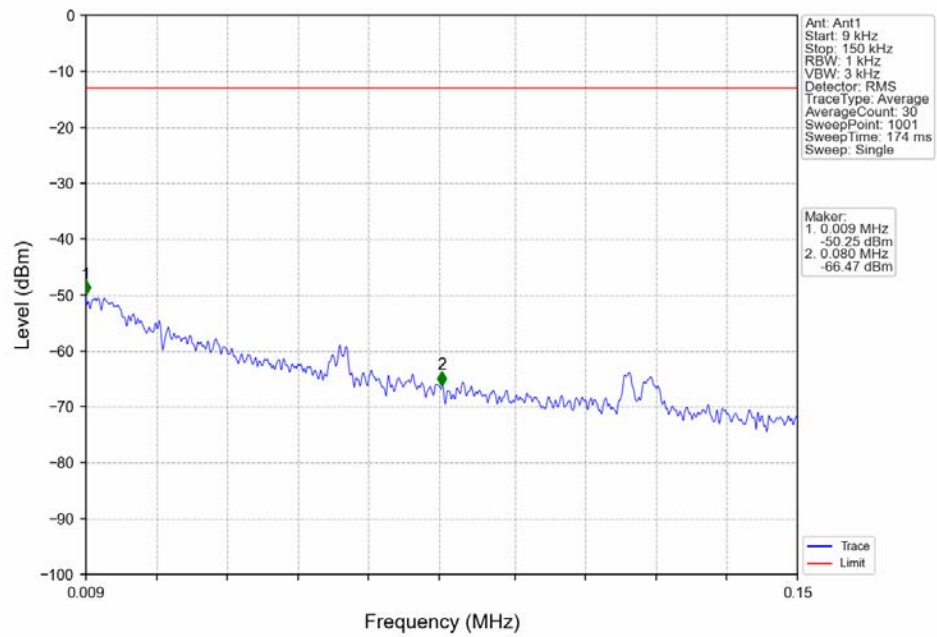
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.000	-23.65	-13	Pass
1756	1770	1	CHP	2	1757.790	-18.59	-13	Pass

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

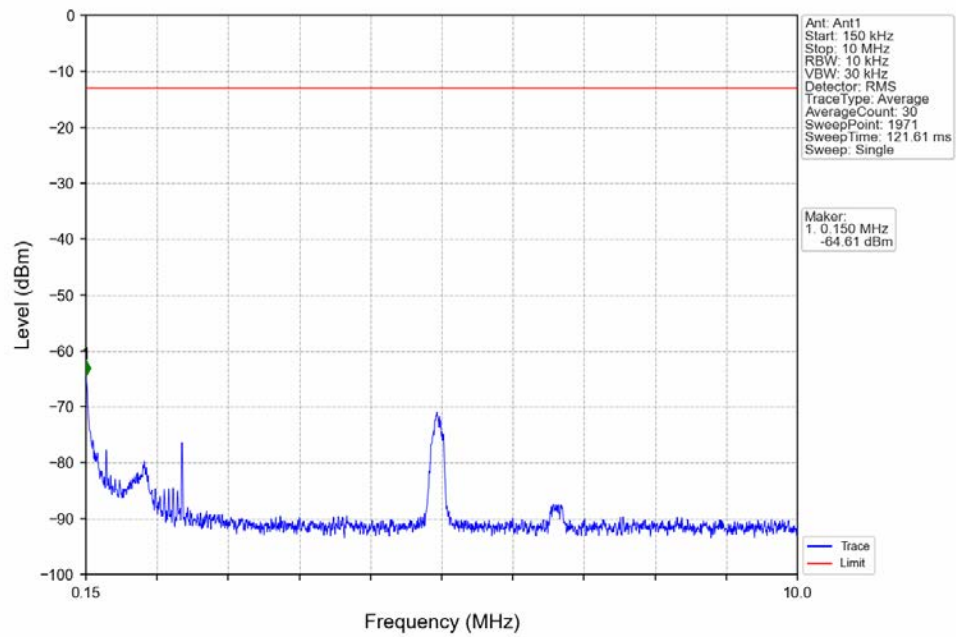


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.089	-33.97	-13	Pass
1709	1710	0.003	/	2	1709.998	-34.94	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

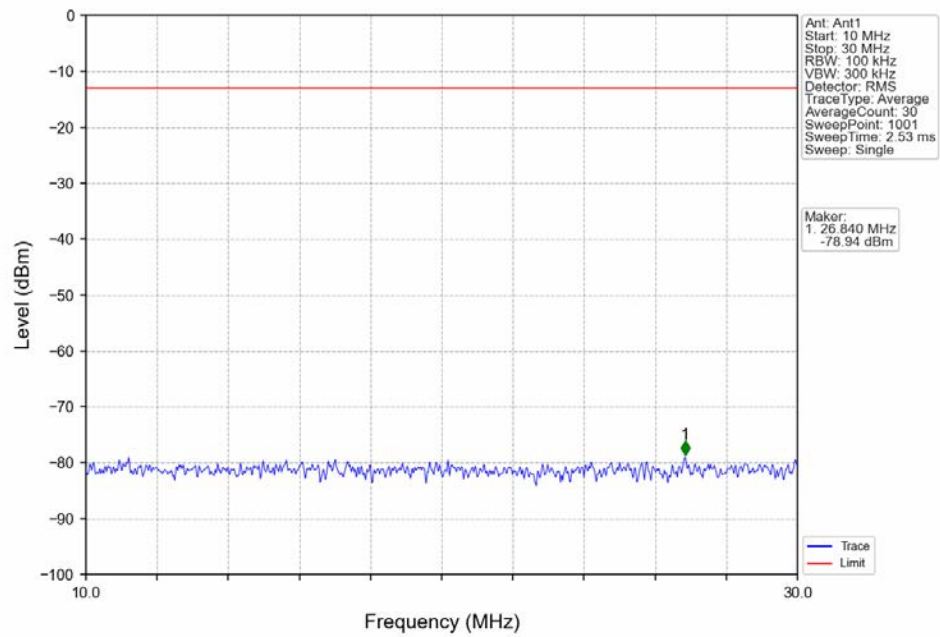
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



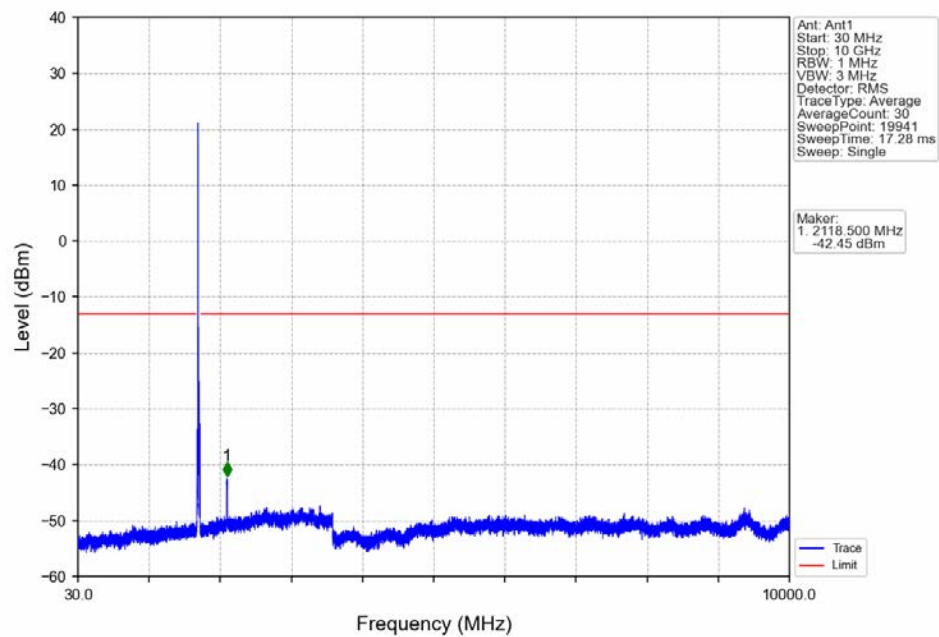
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



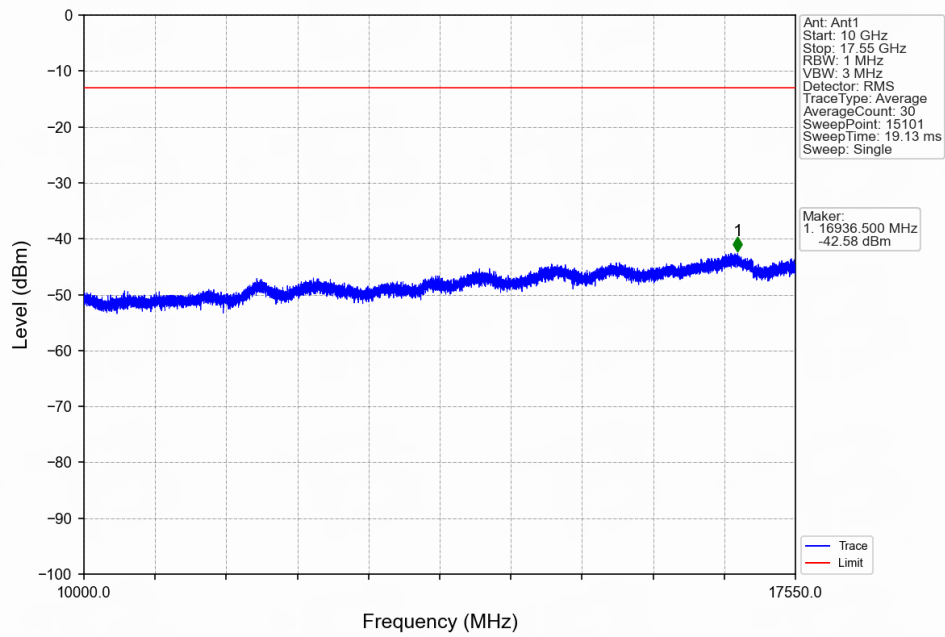
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



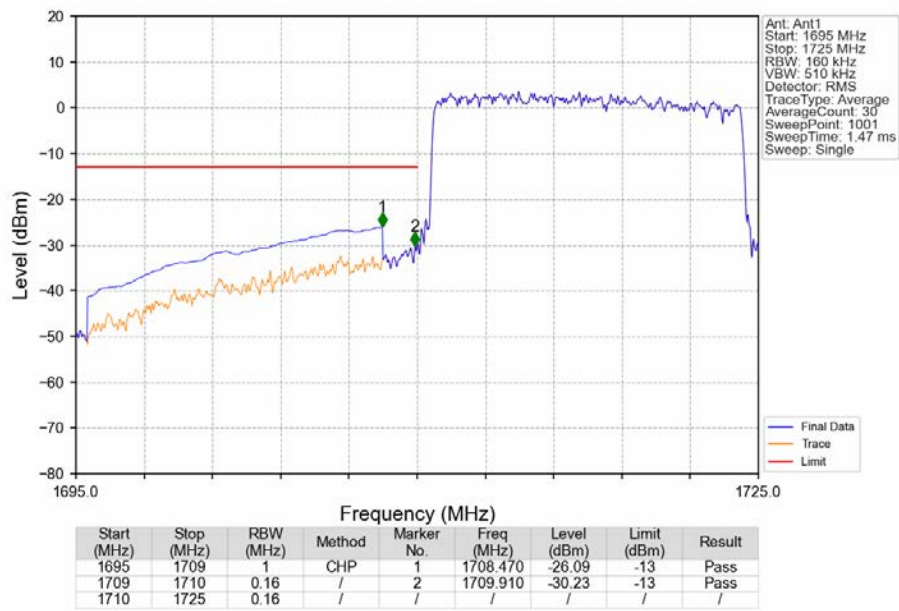
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



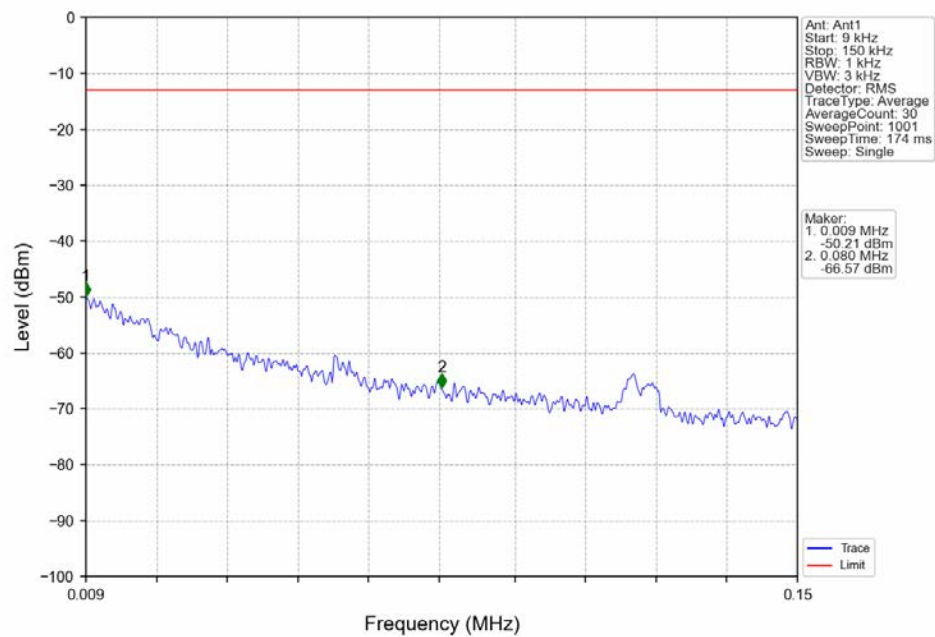
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



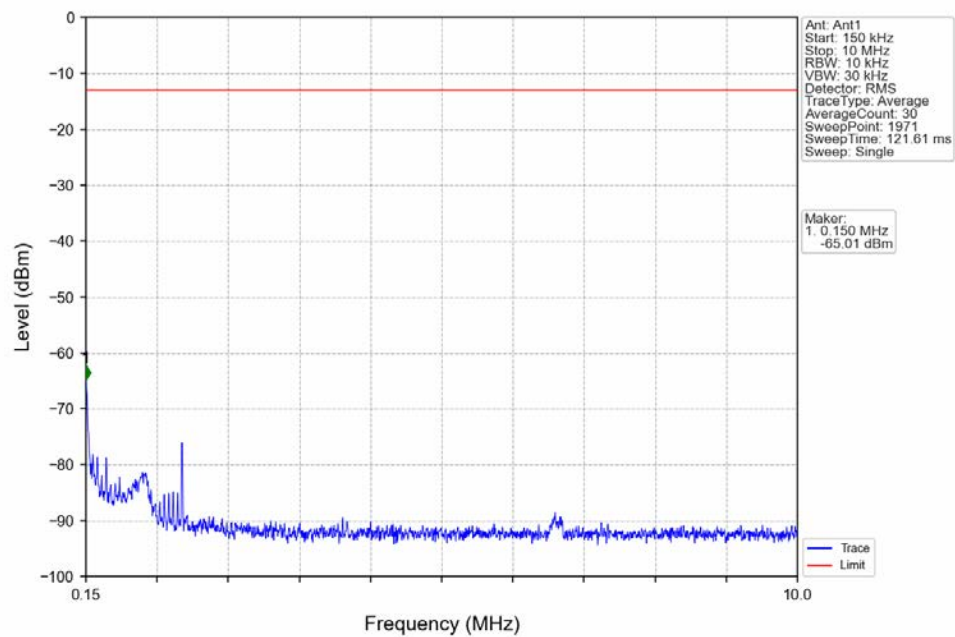
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



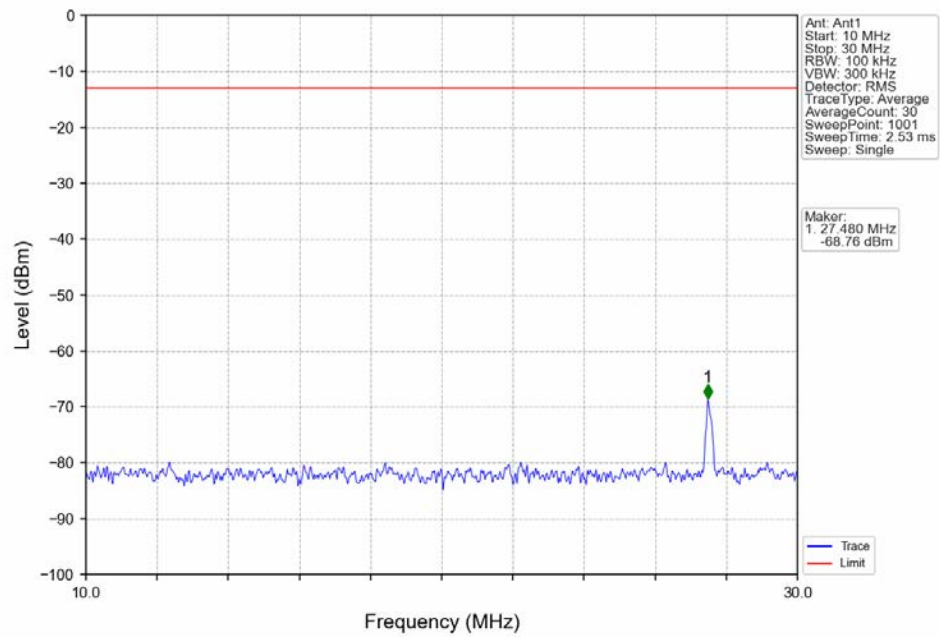
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



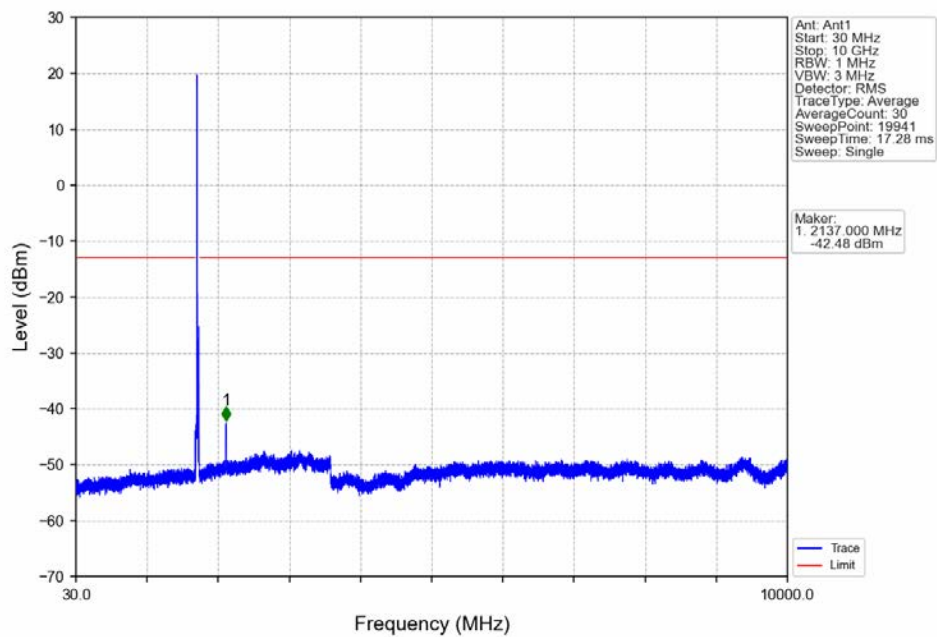
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



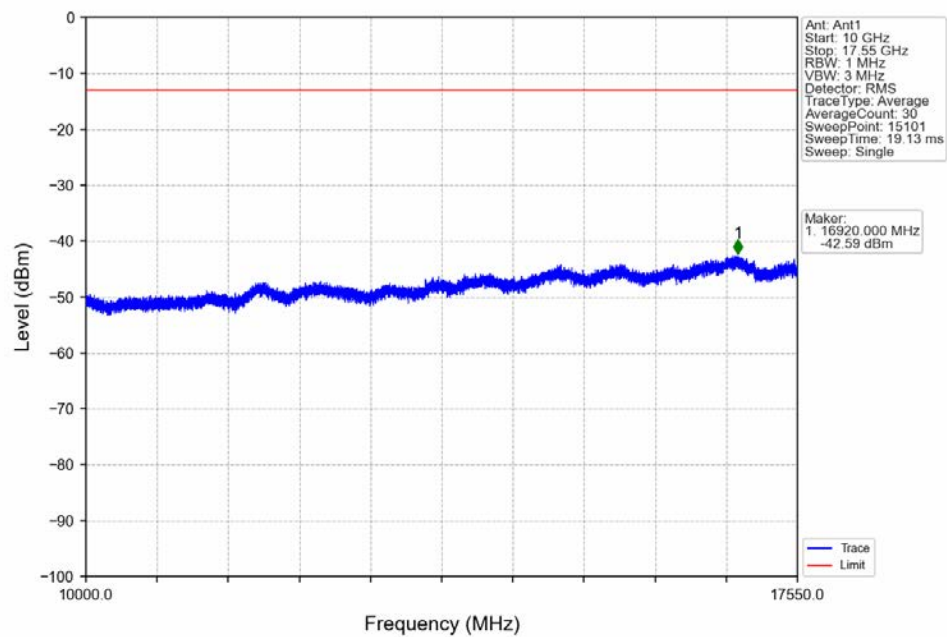
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



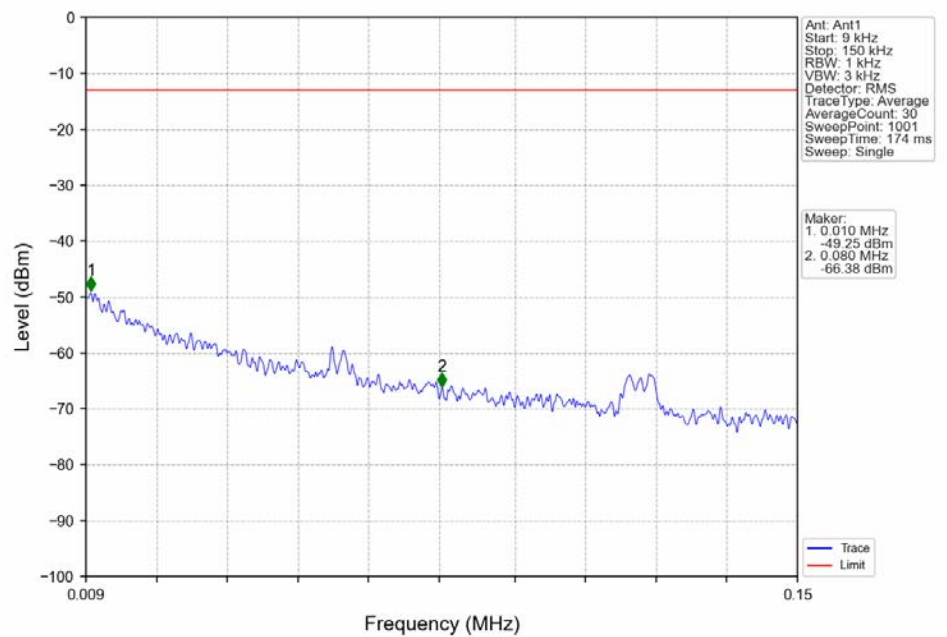
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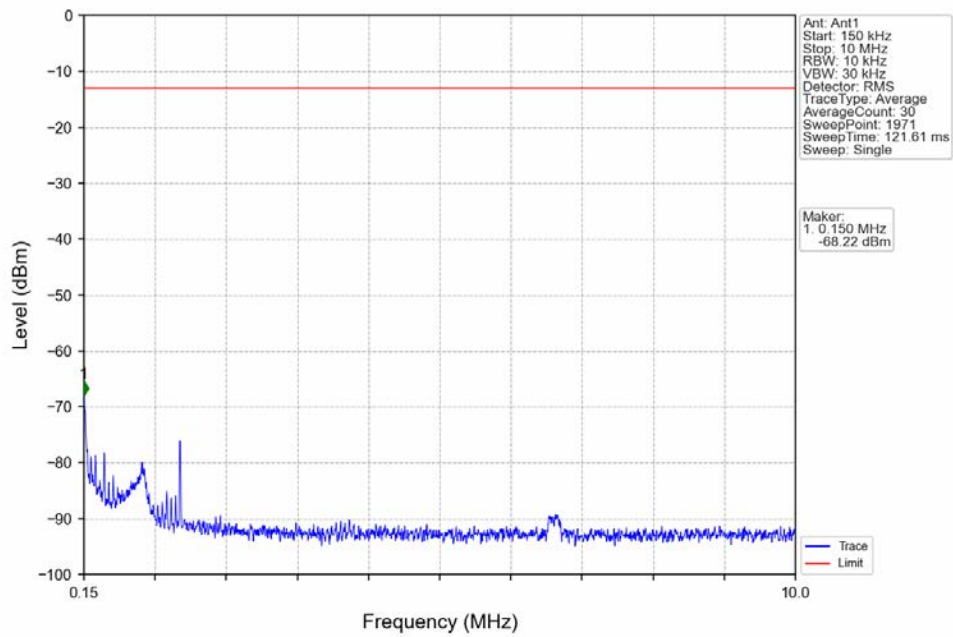
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



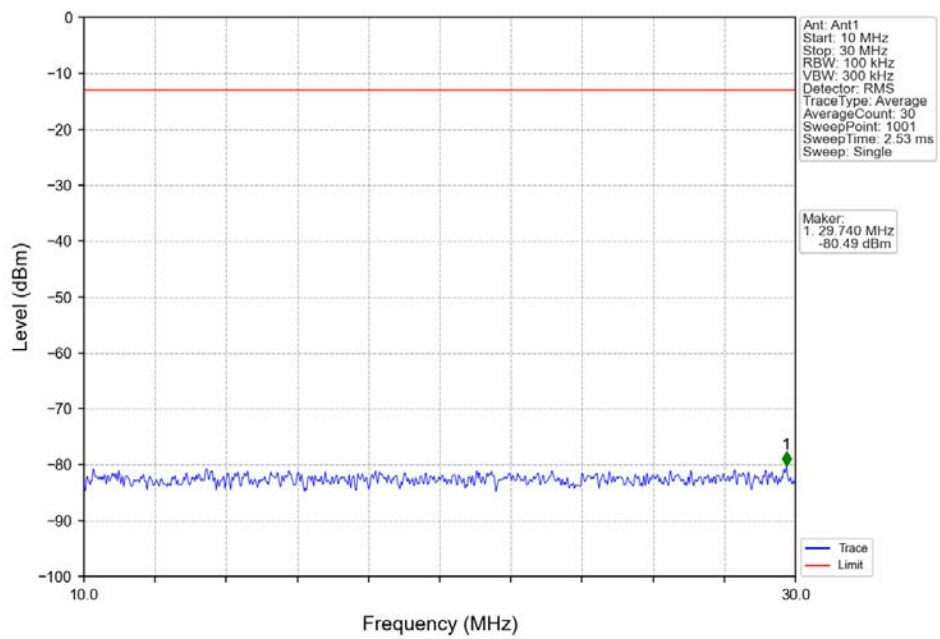
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



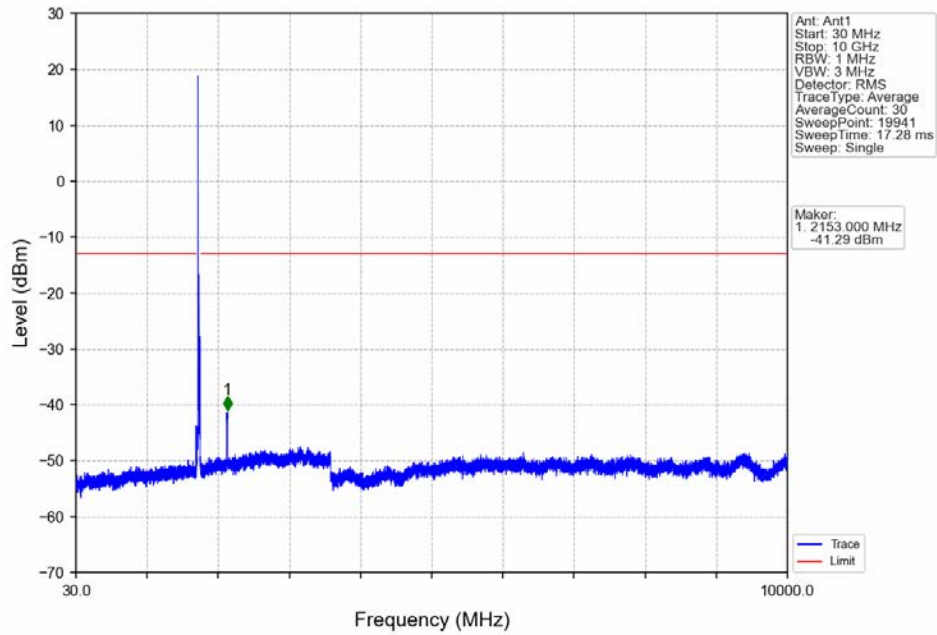
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



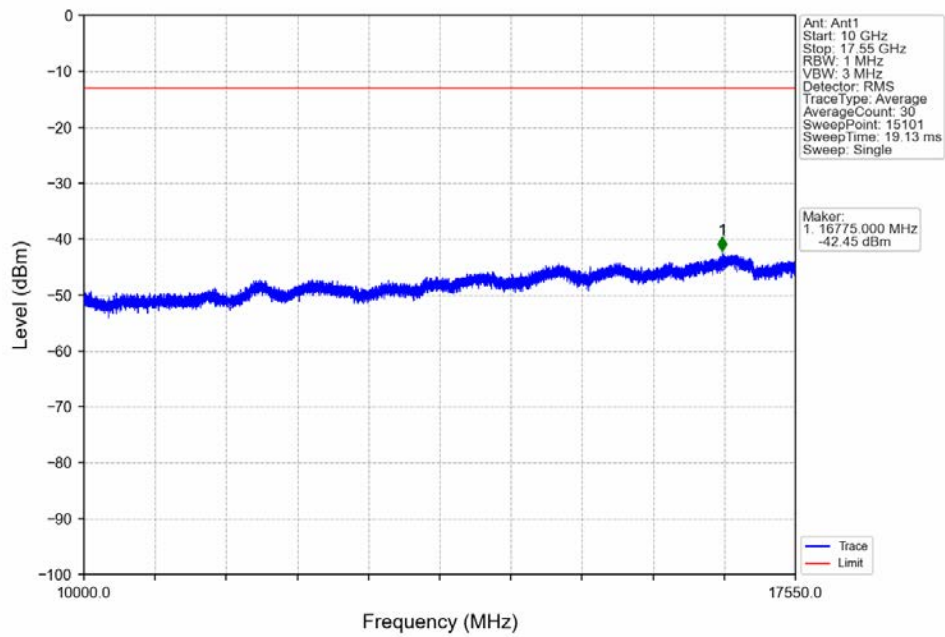
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



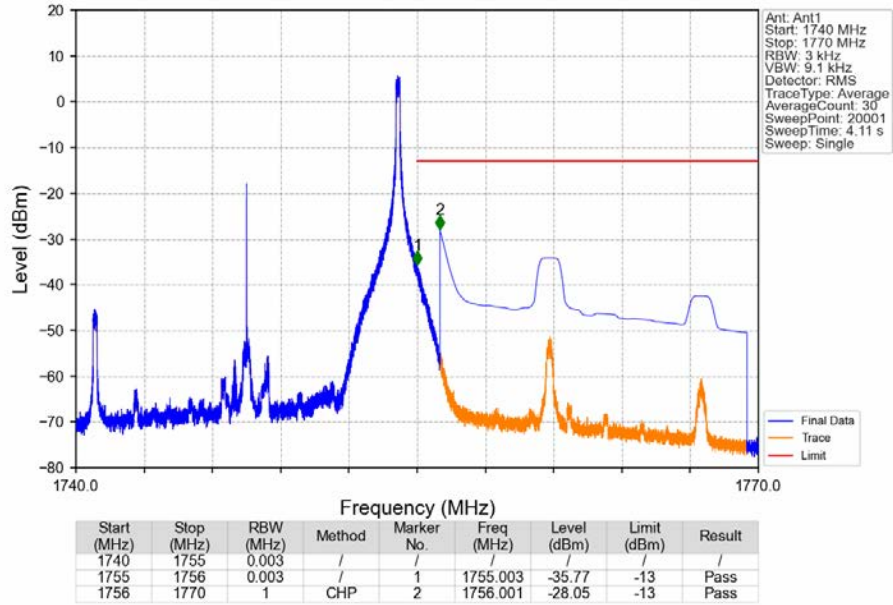
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



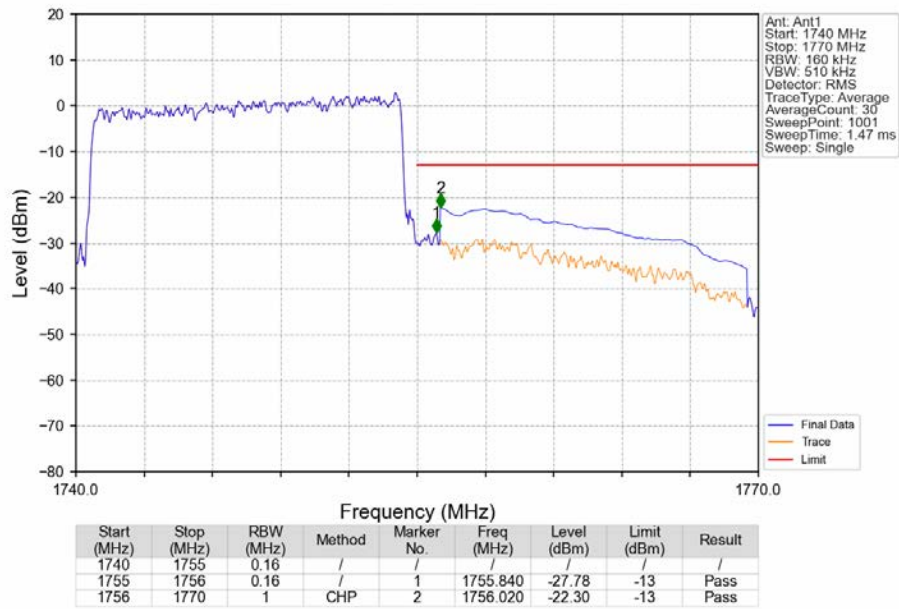
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



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



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

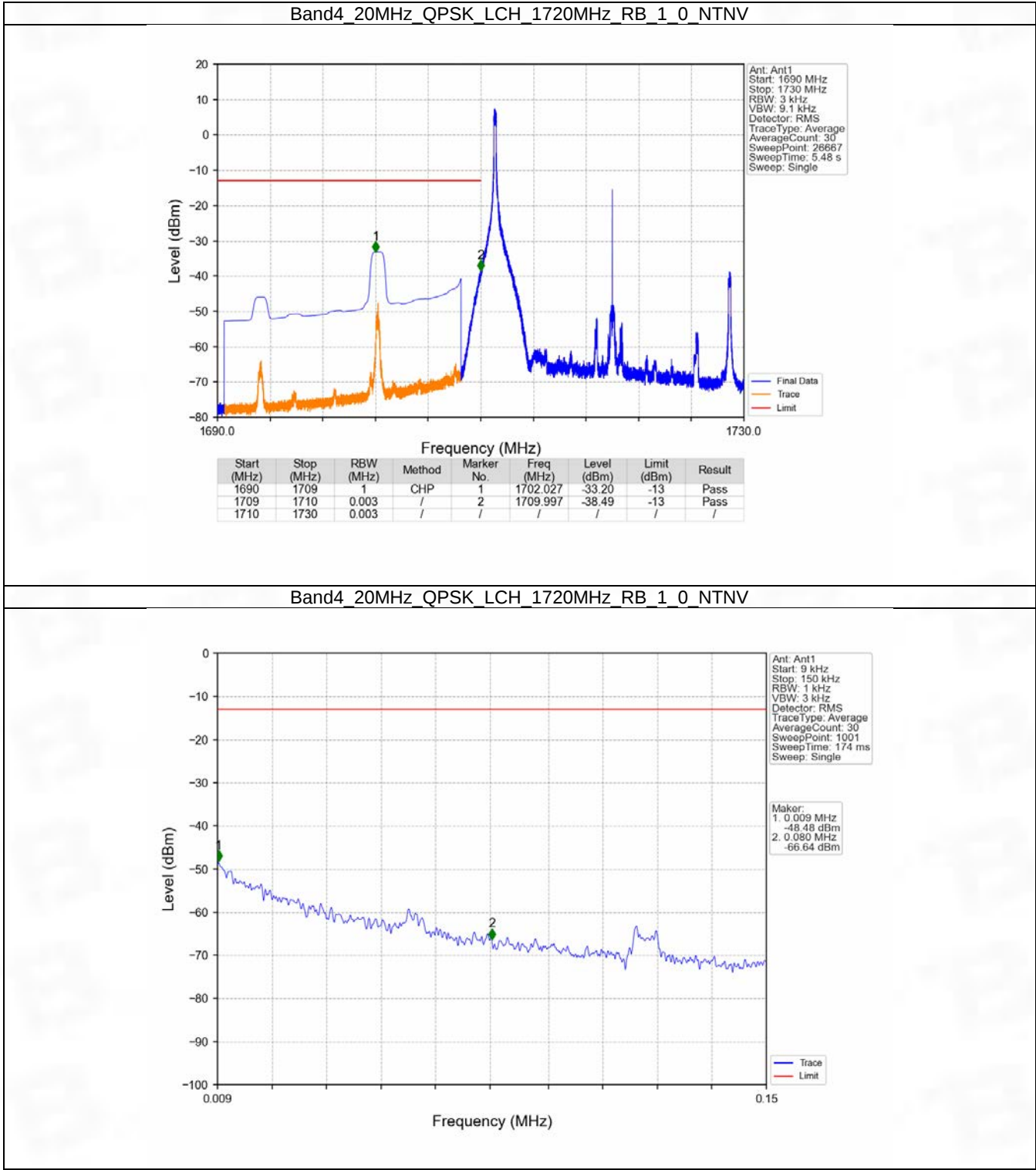


6.6 B4_20MHz

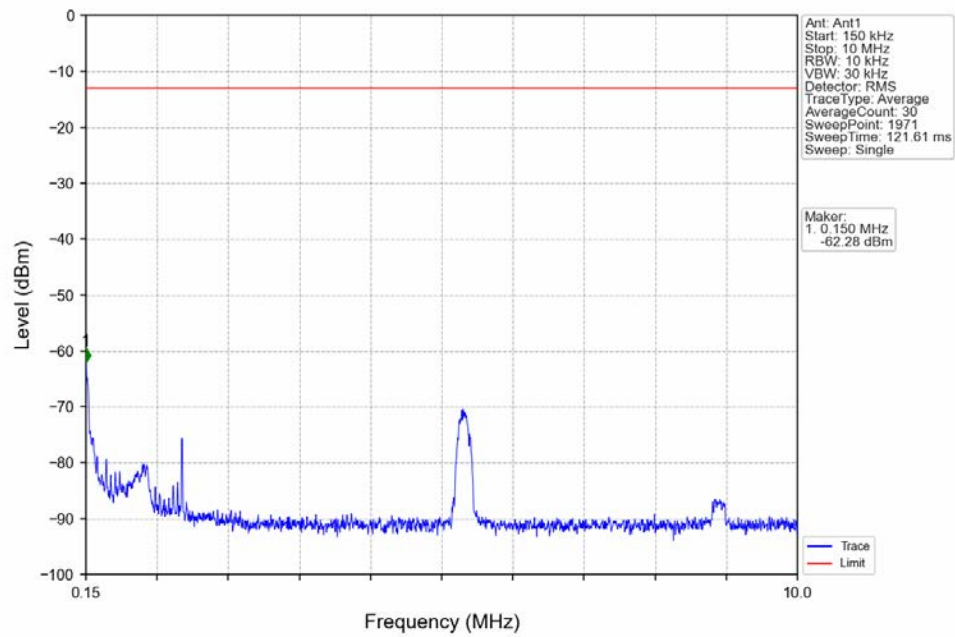
6.6.1 Test Result

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

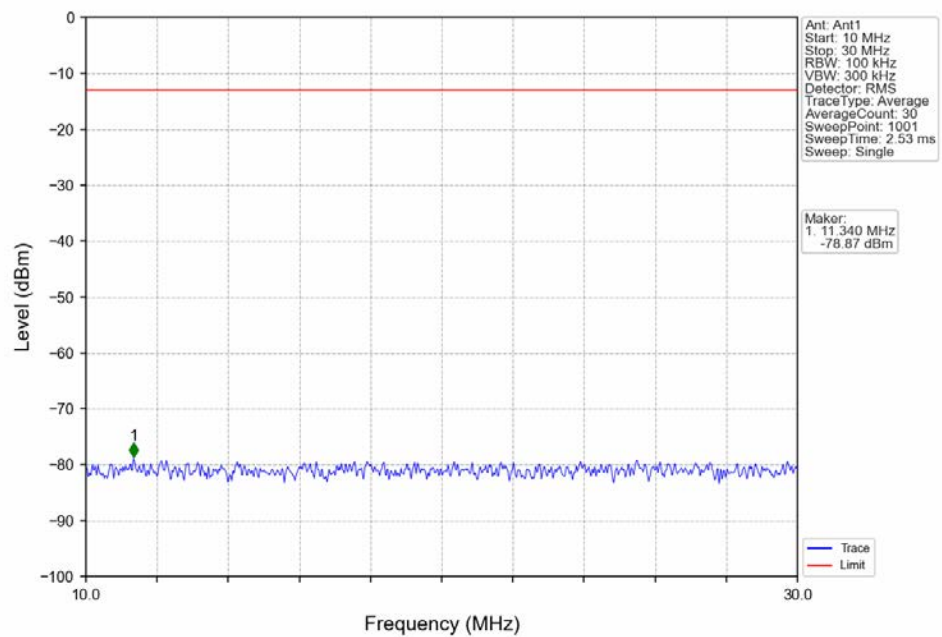
6.6.2 Test Graph



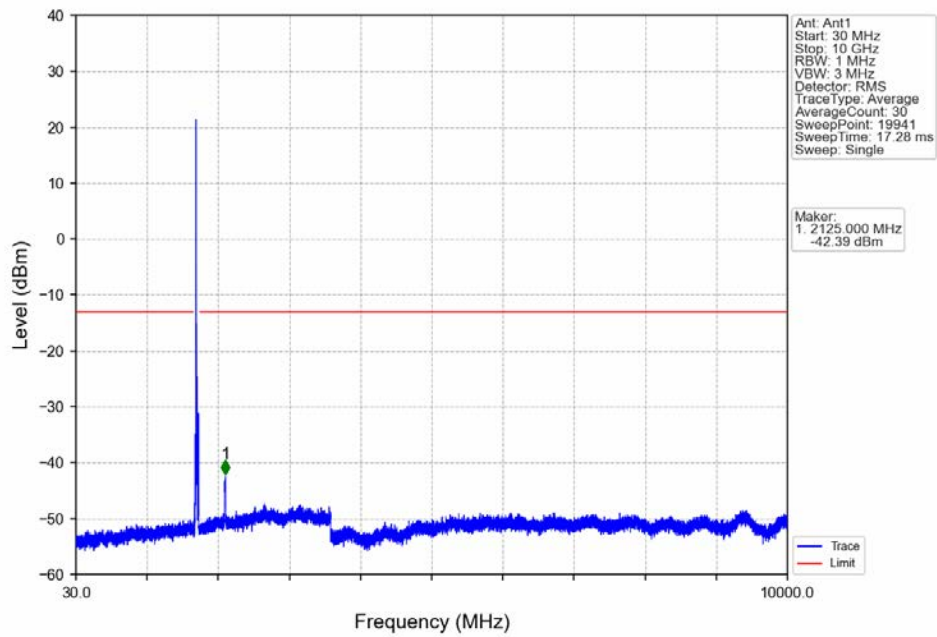
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



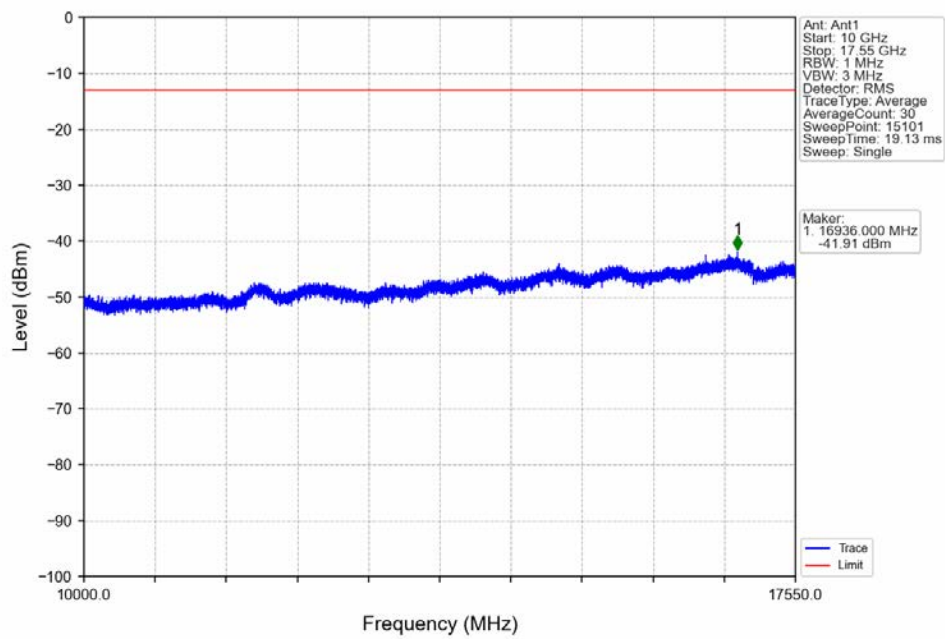
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



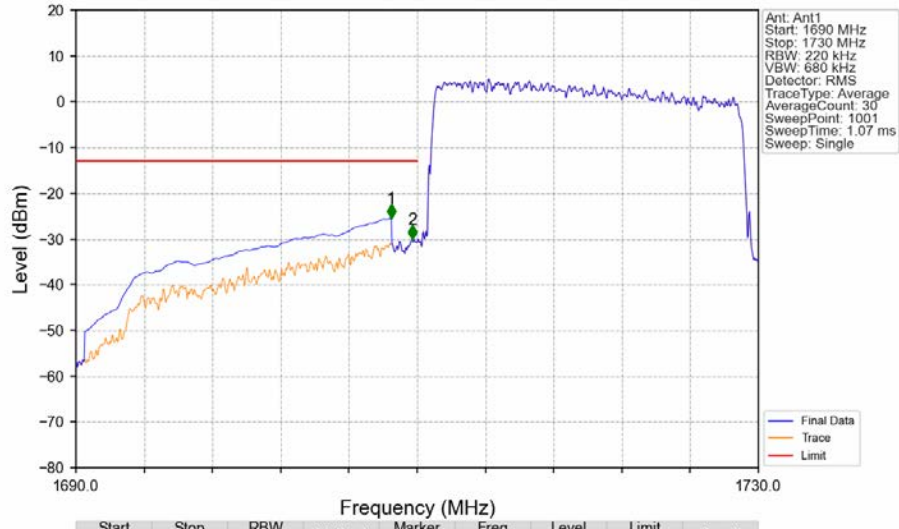
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



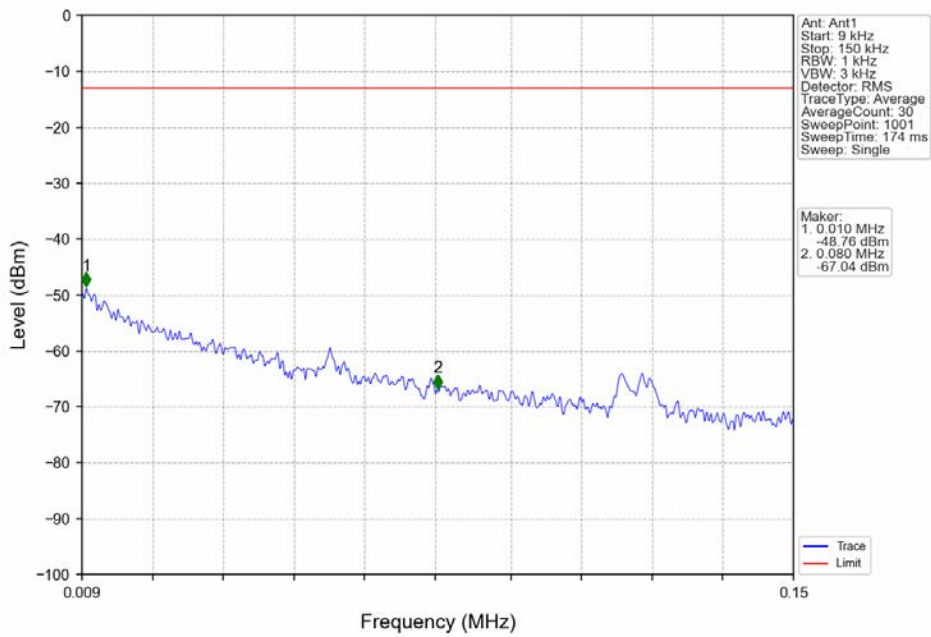
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



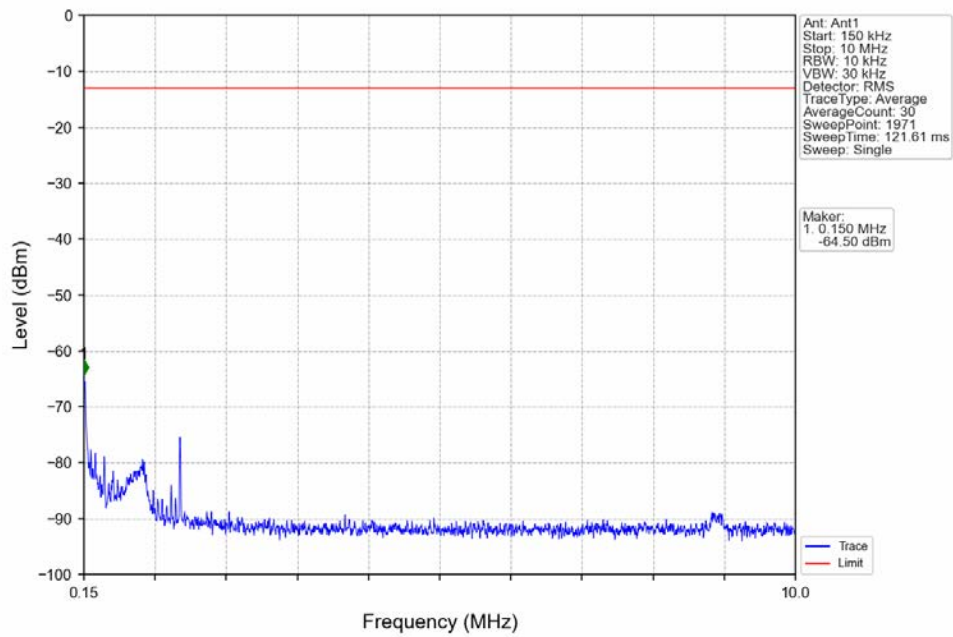
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV



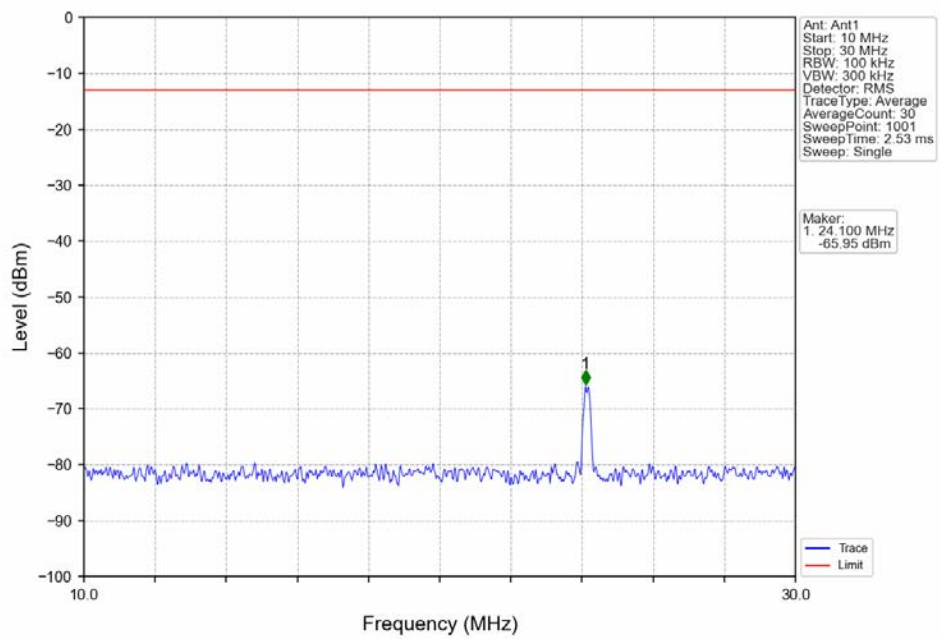
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



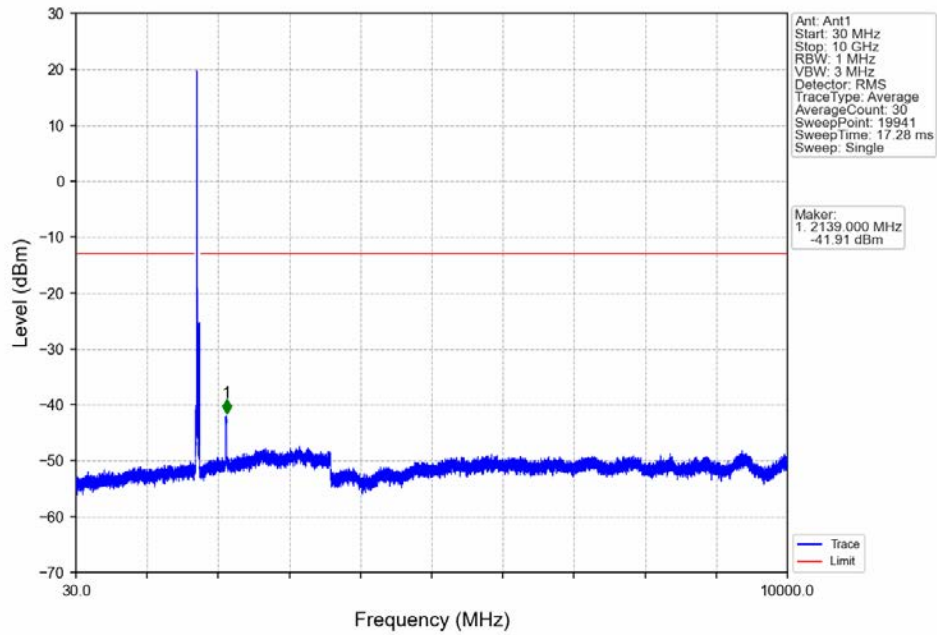
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



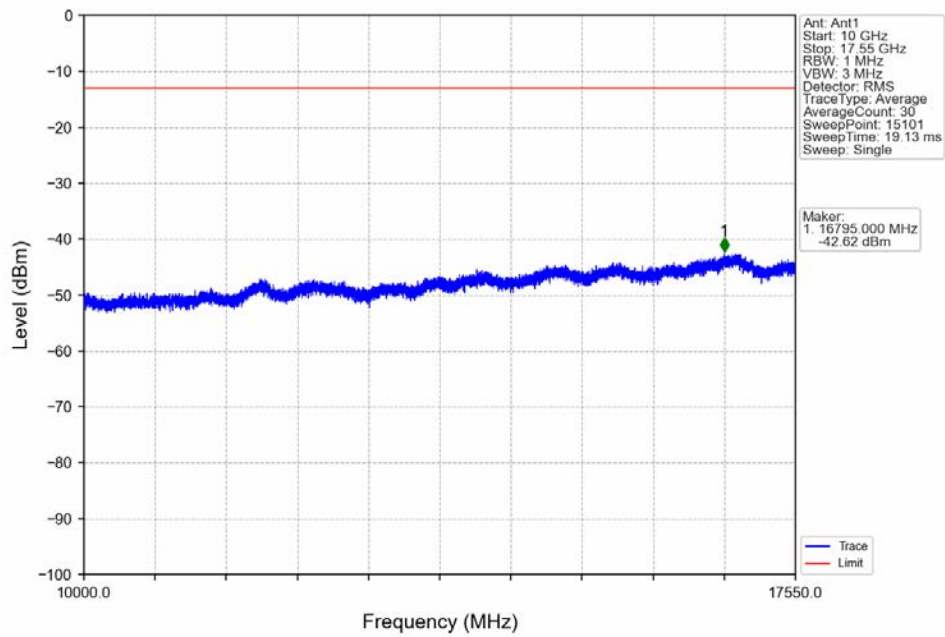
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



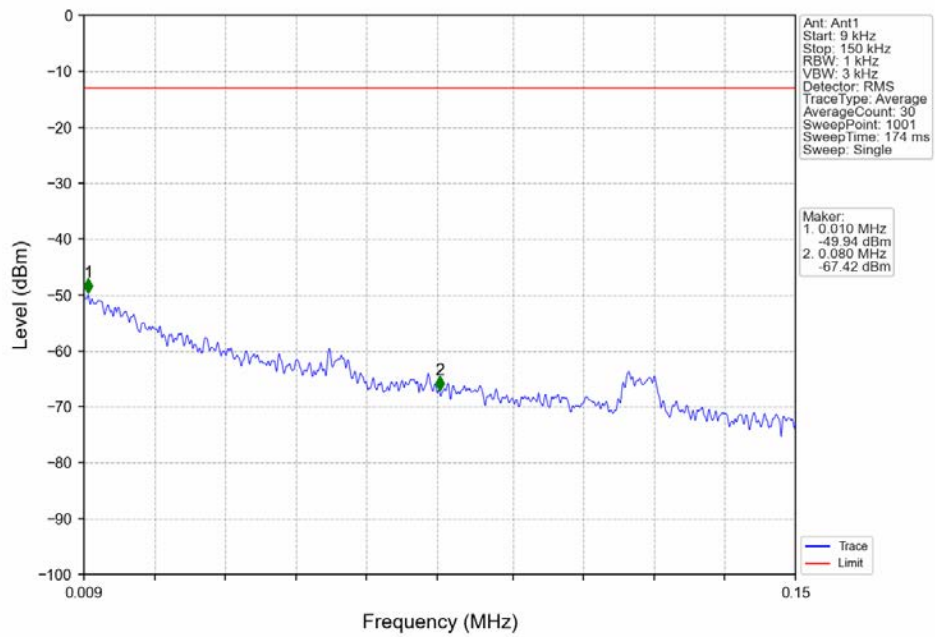
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



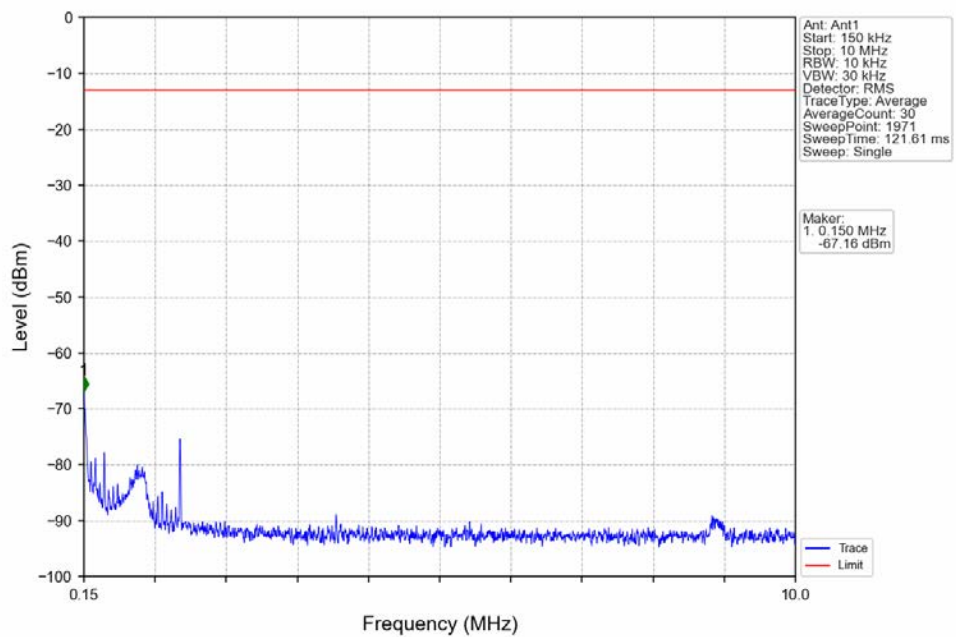
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



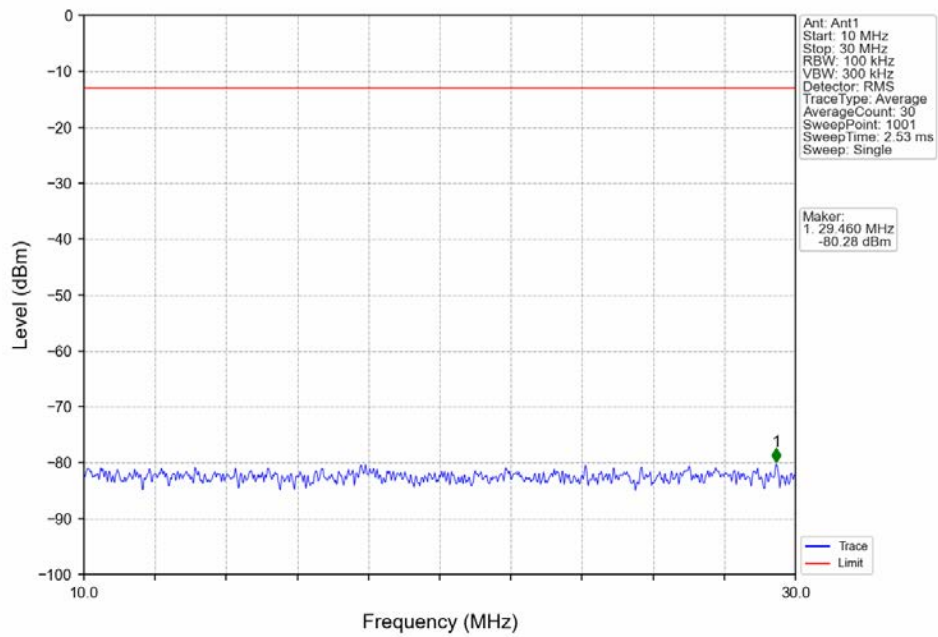
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



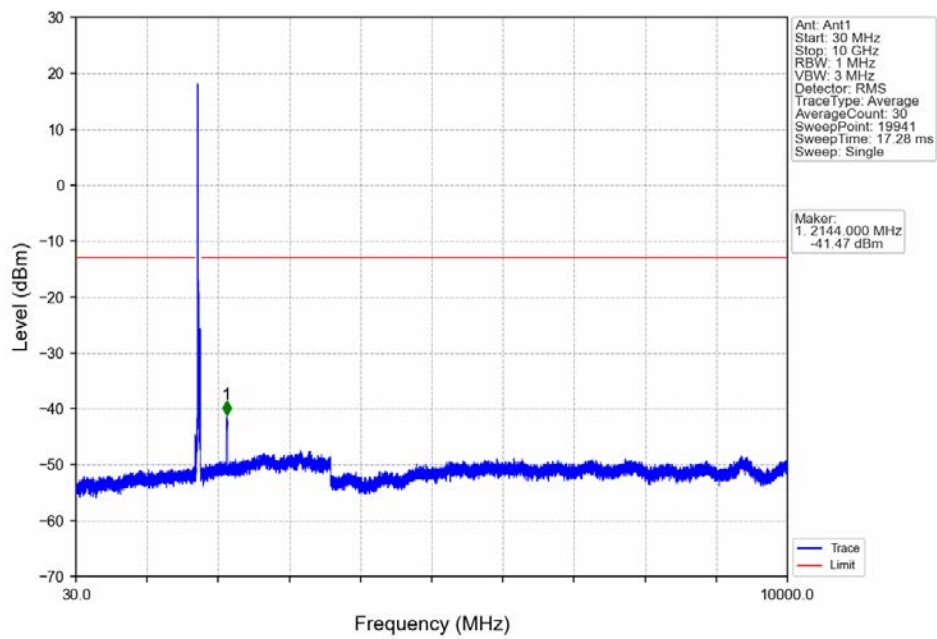
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



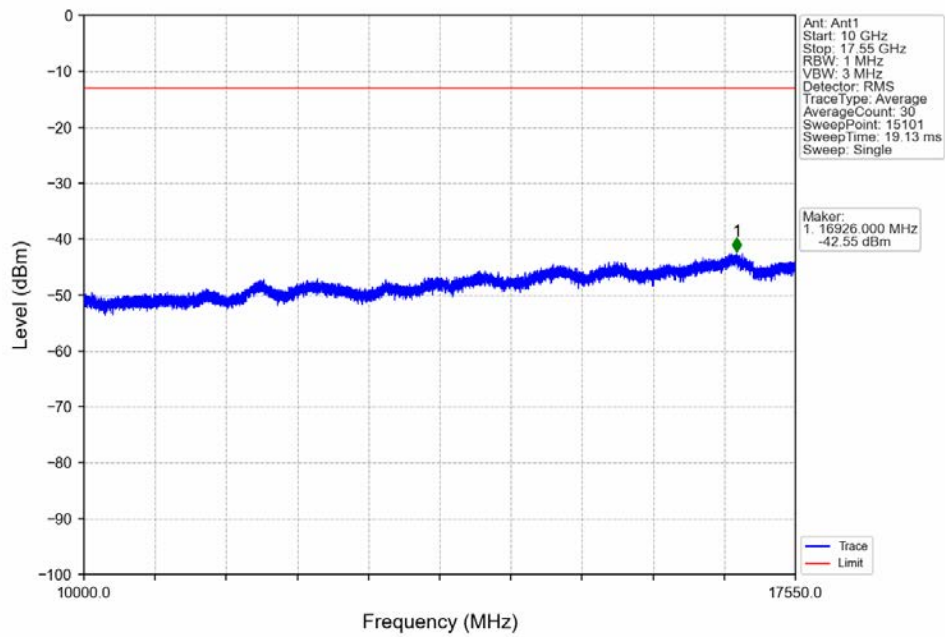
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



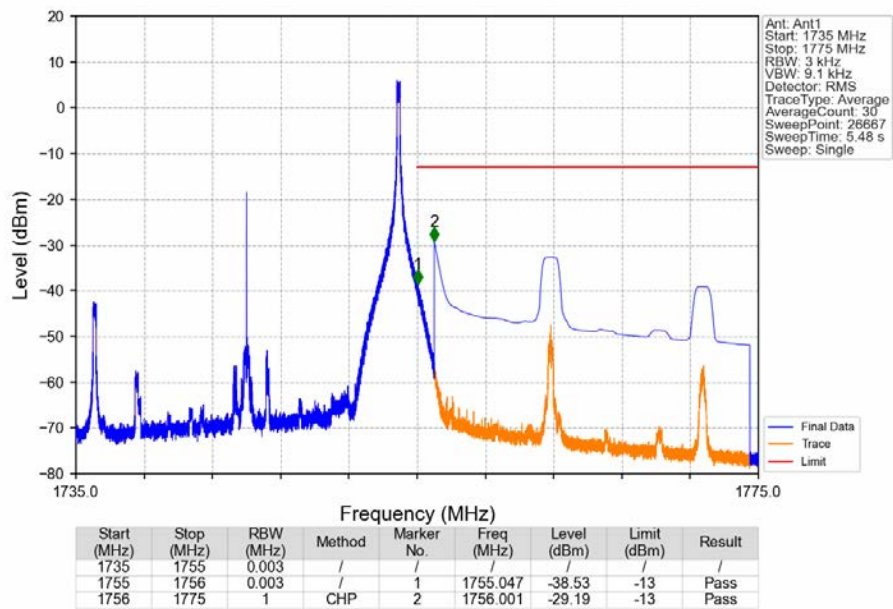
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



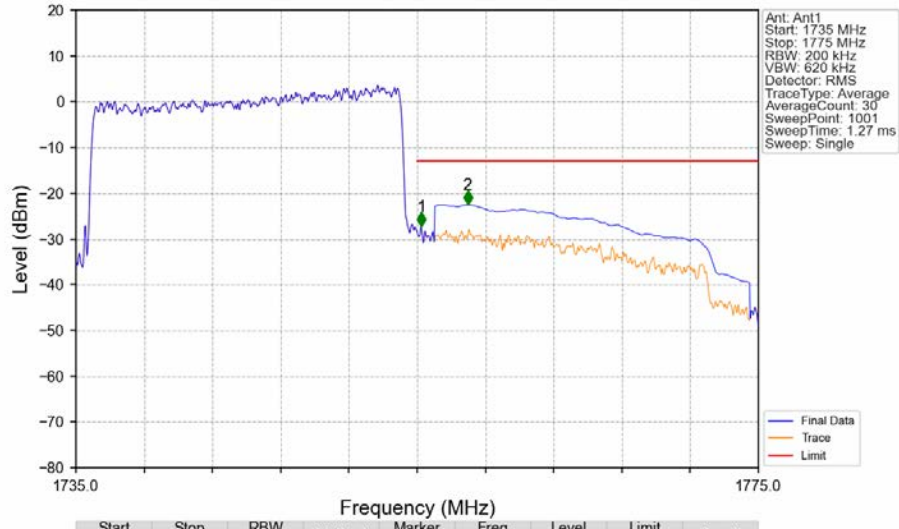
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



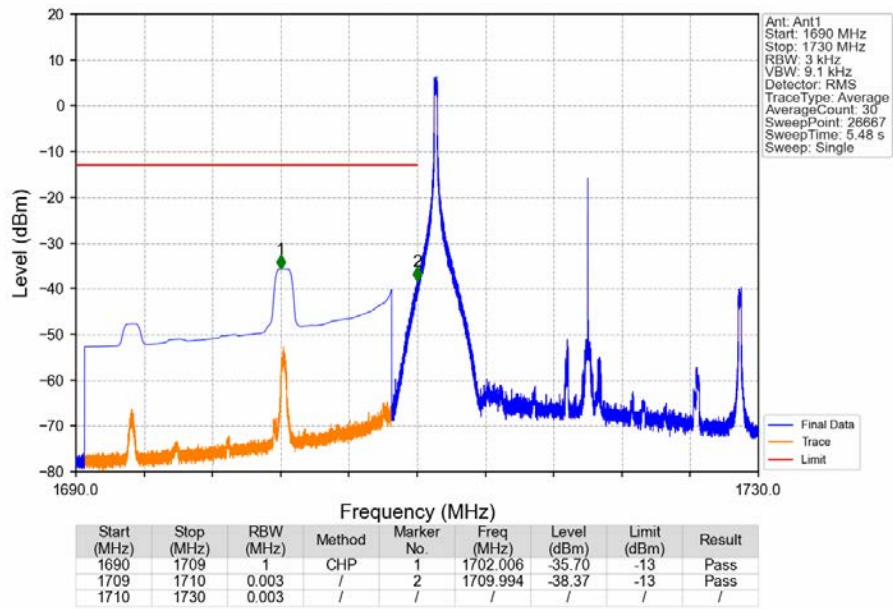
Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



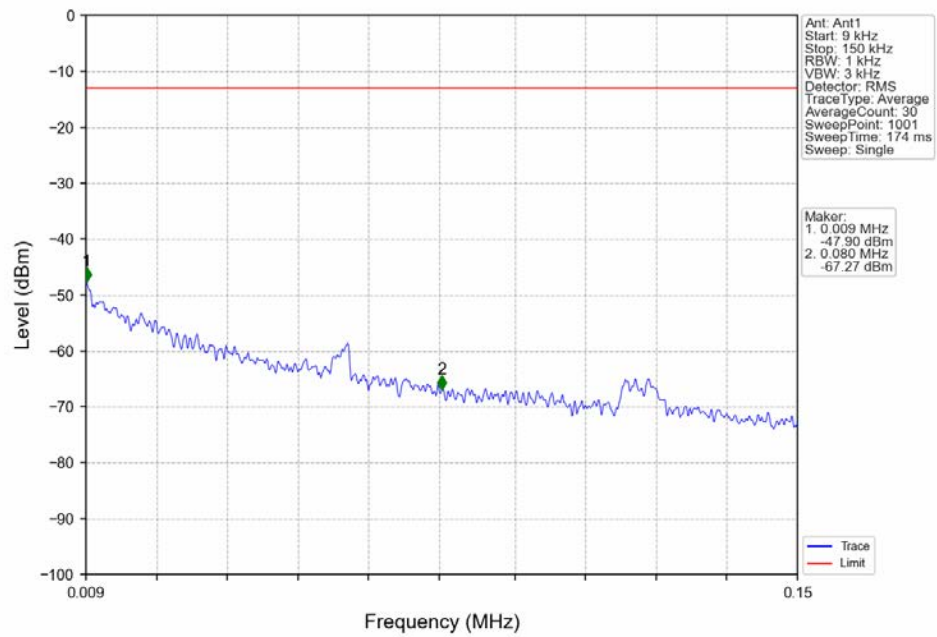
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



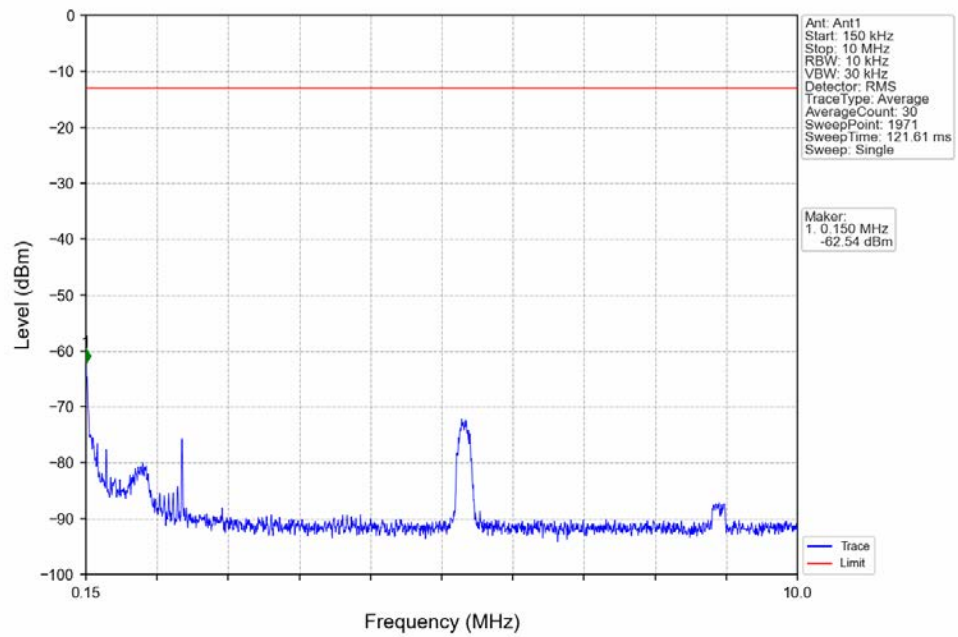
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



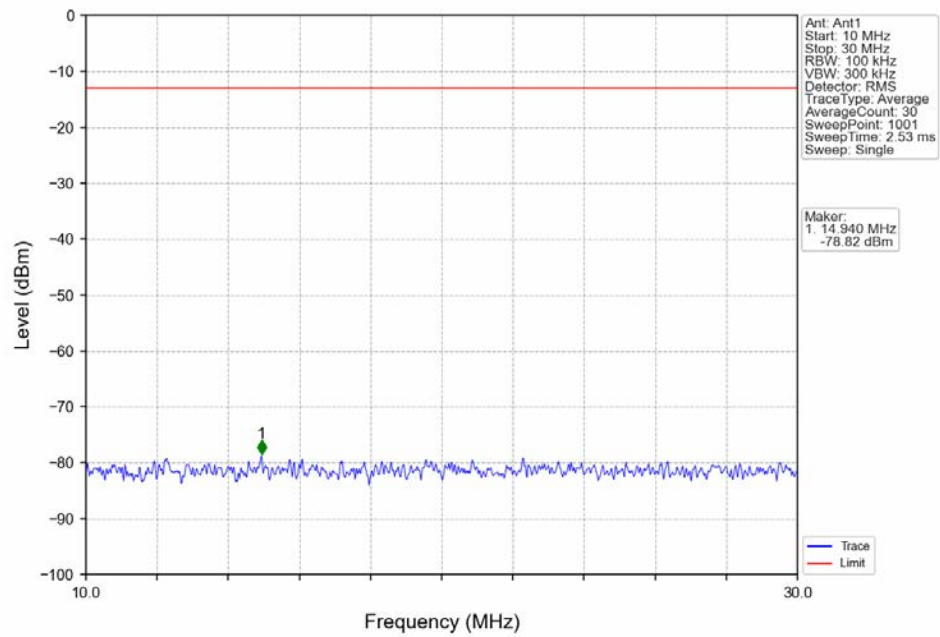
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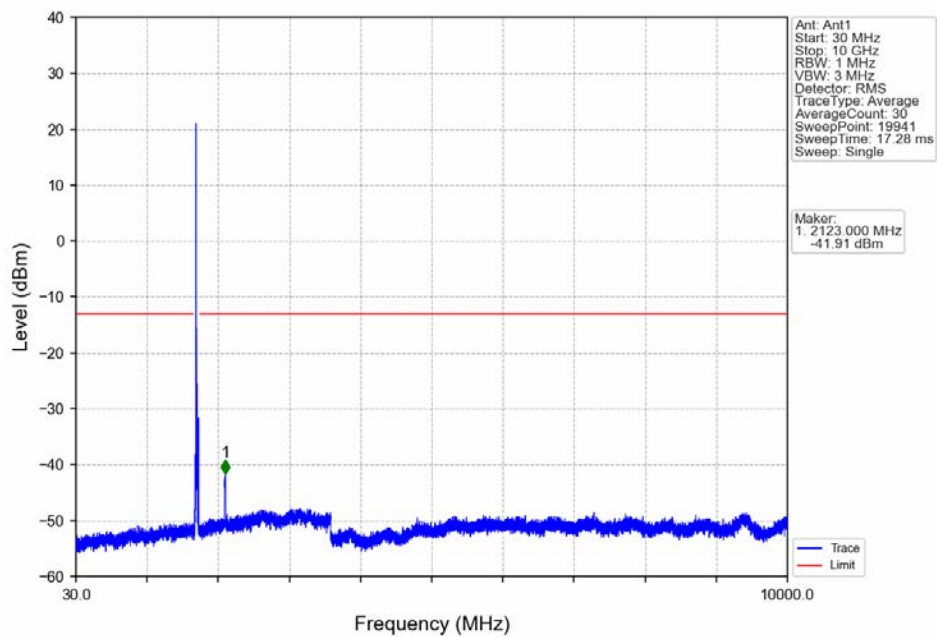
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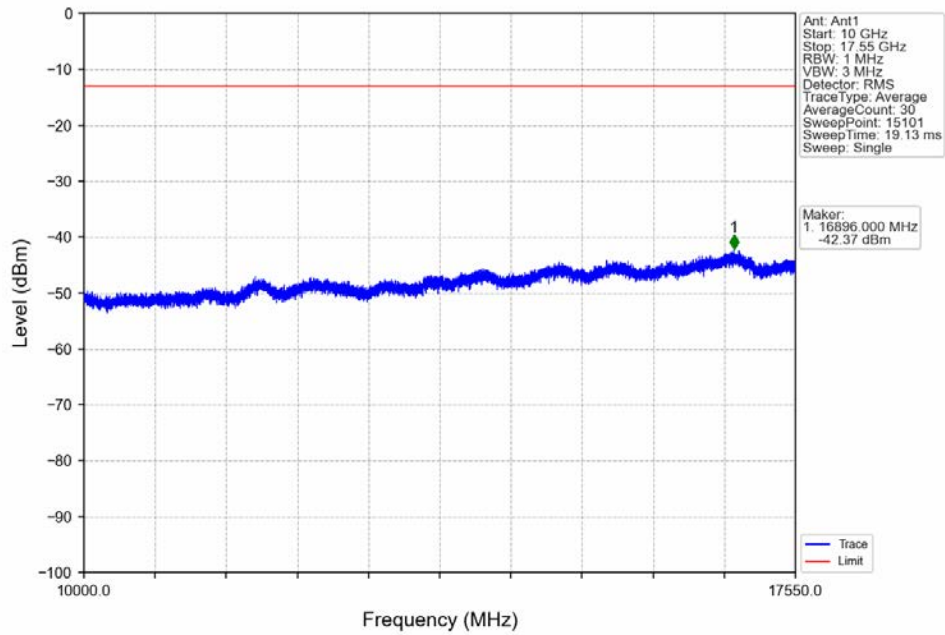
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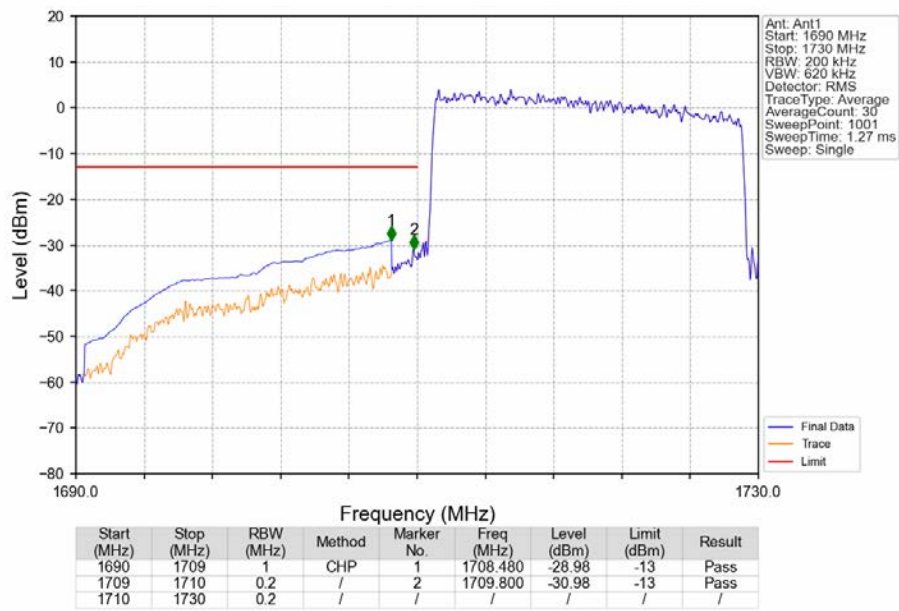
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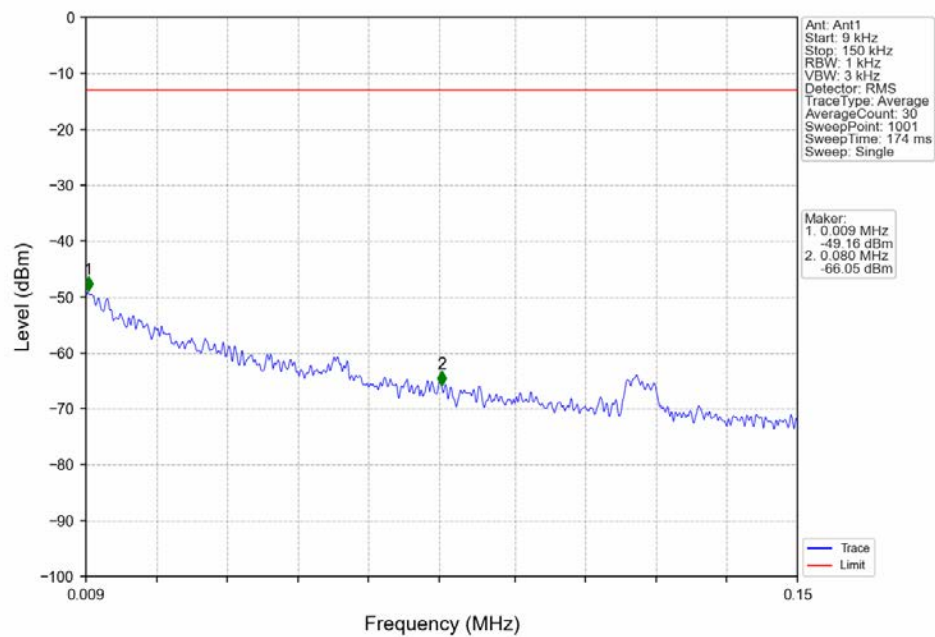
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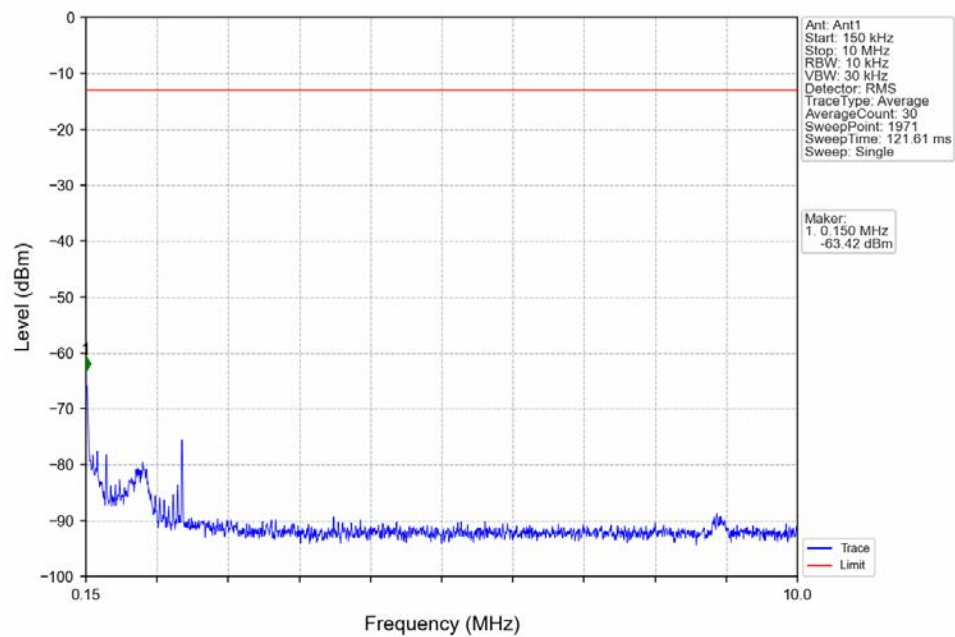
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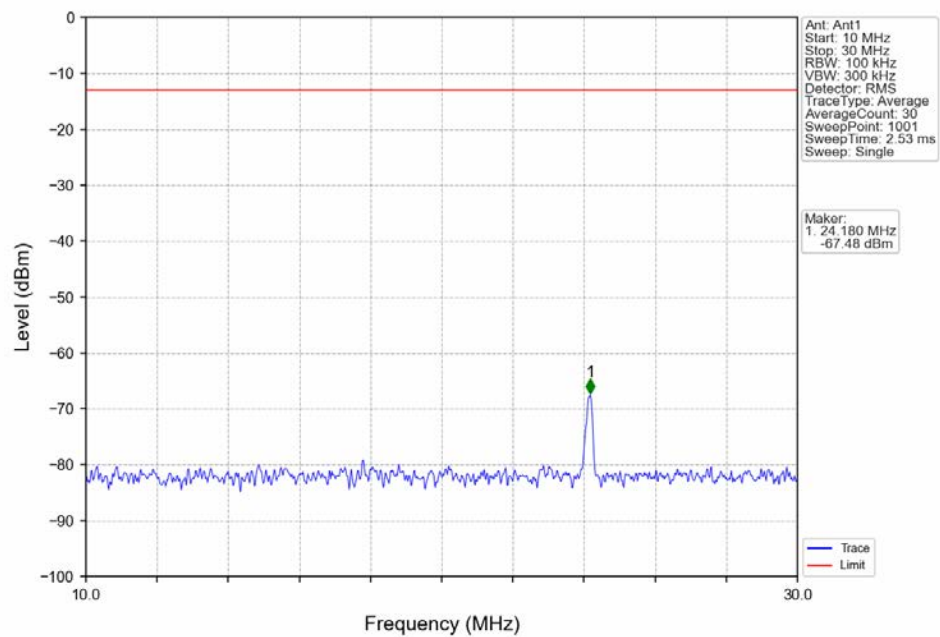
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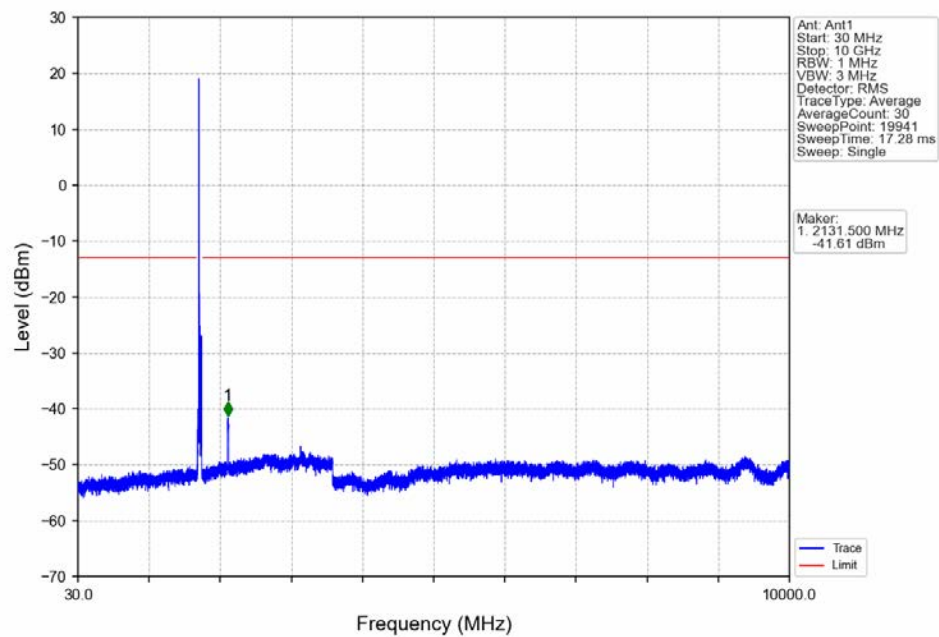
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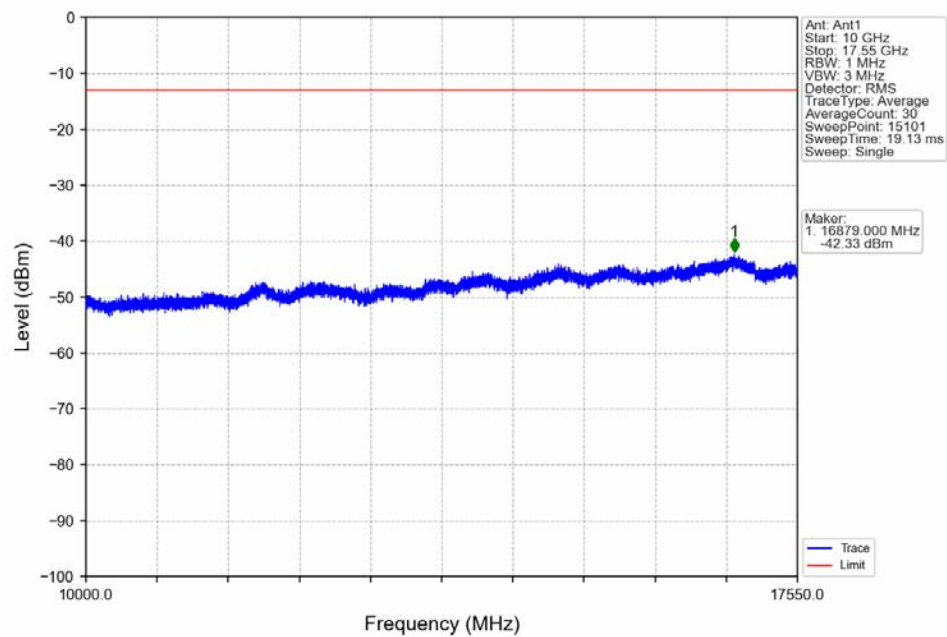
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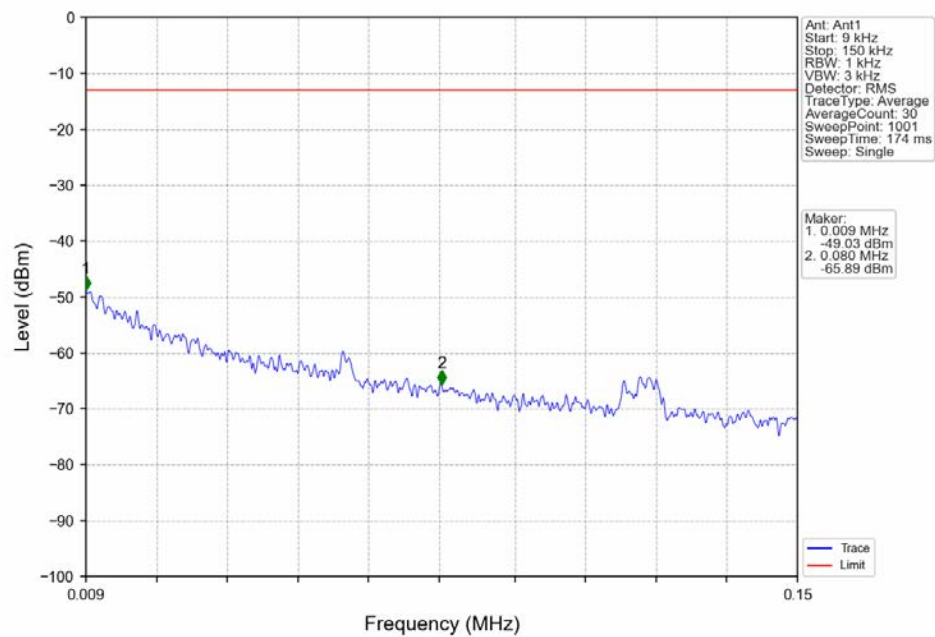
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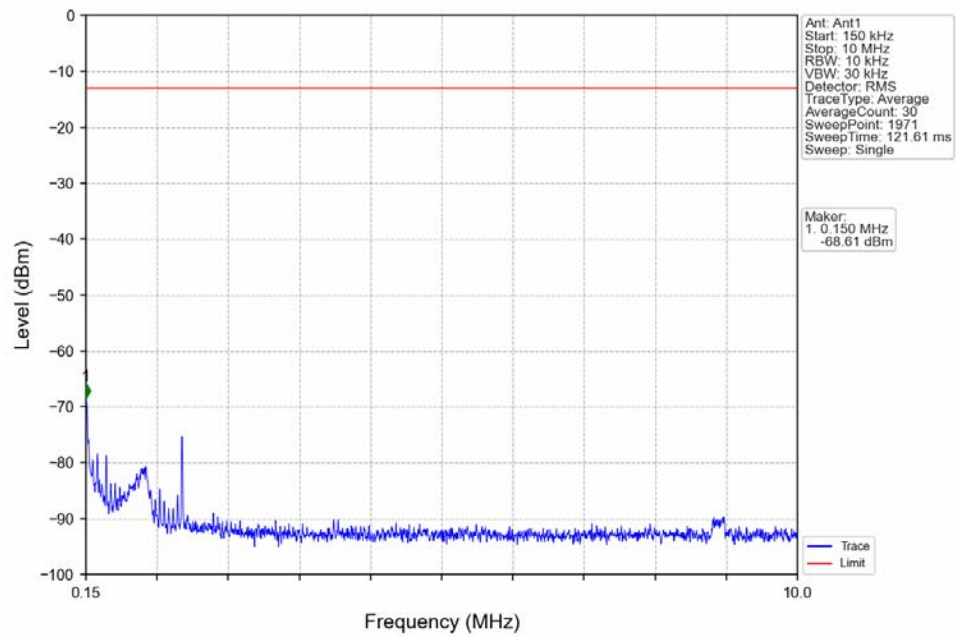
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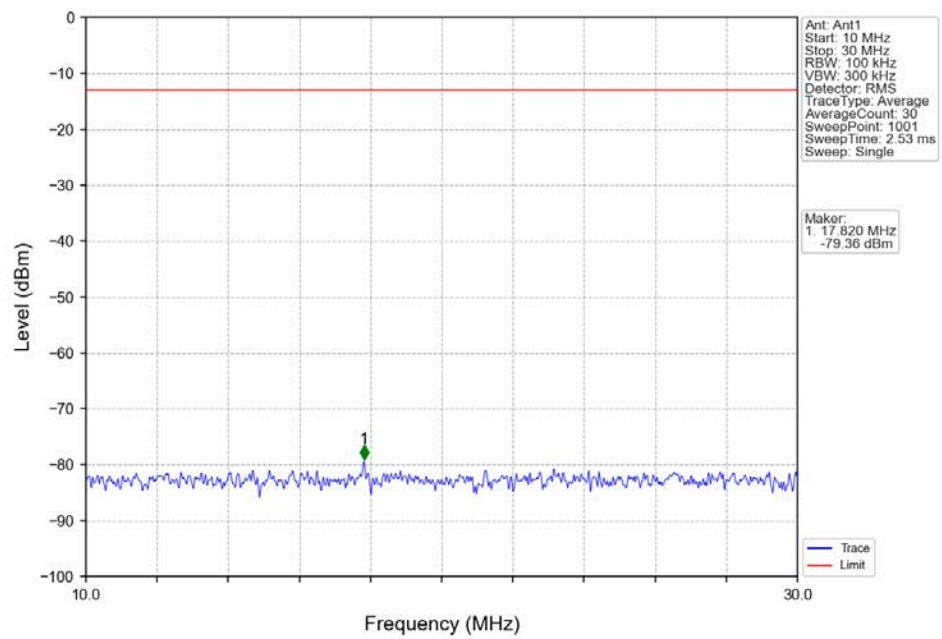
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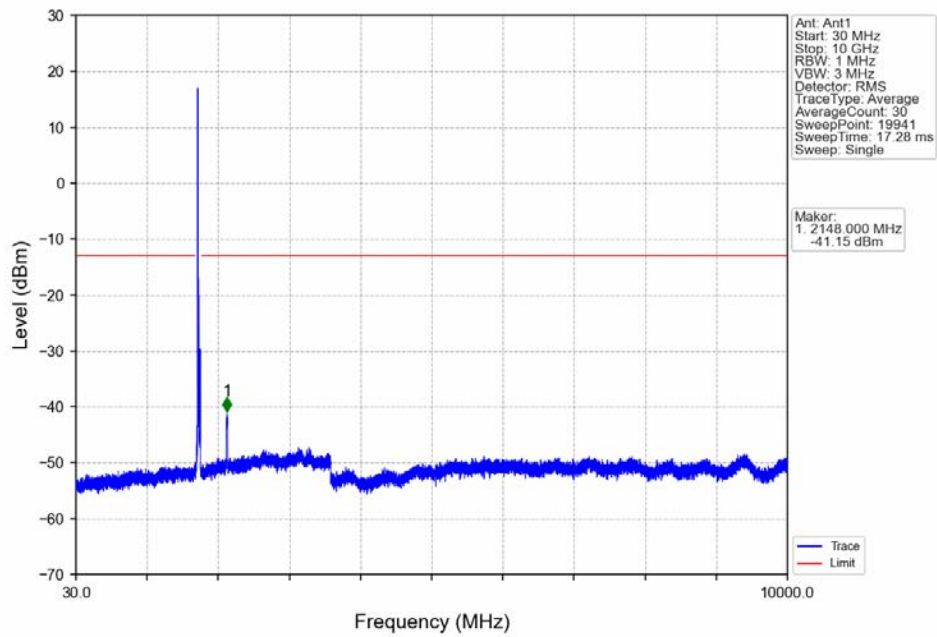
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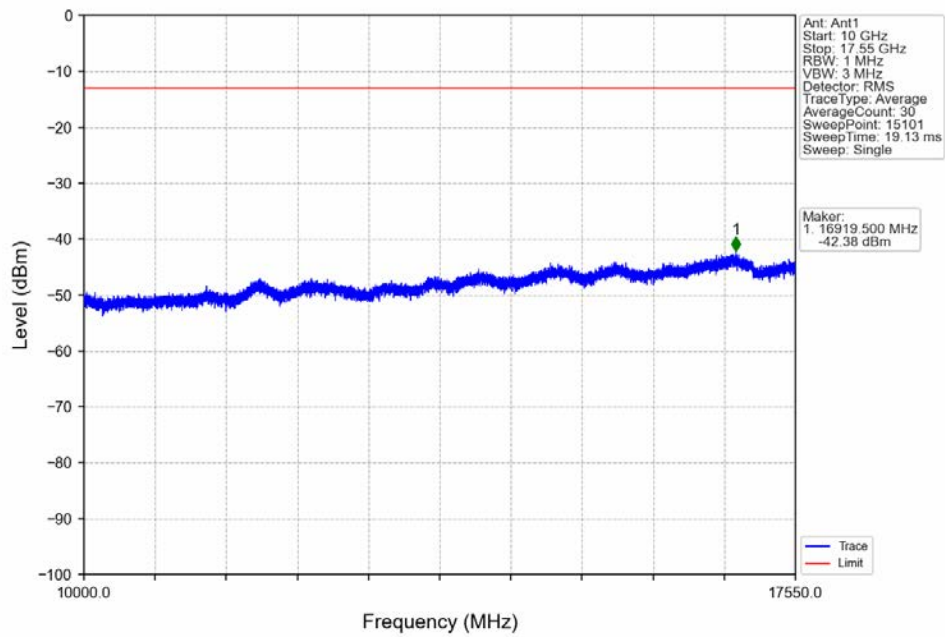
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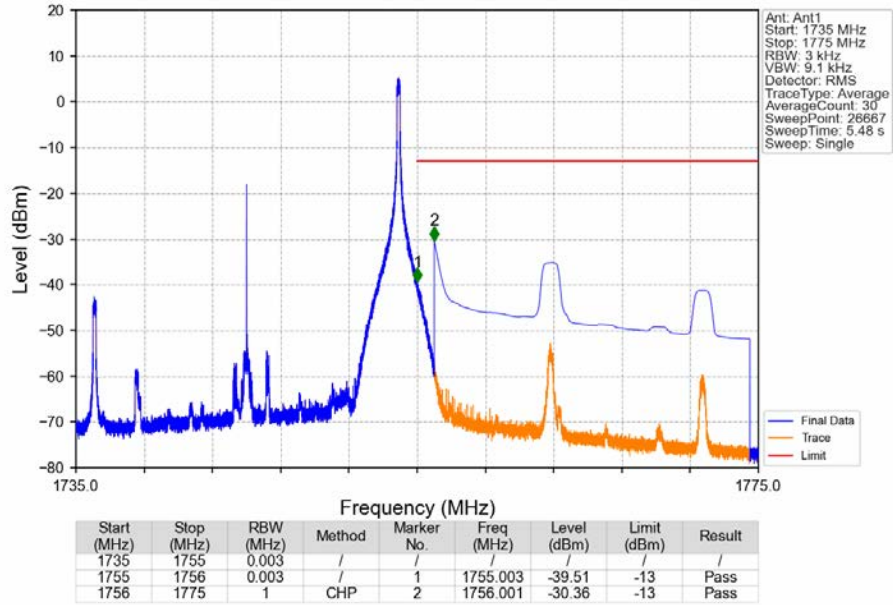
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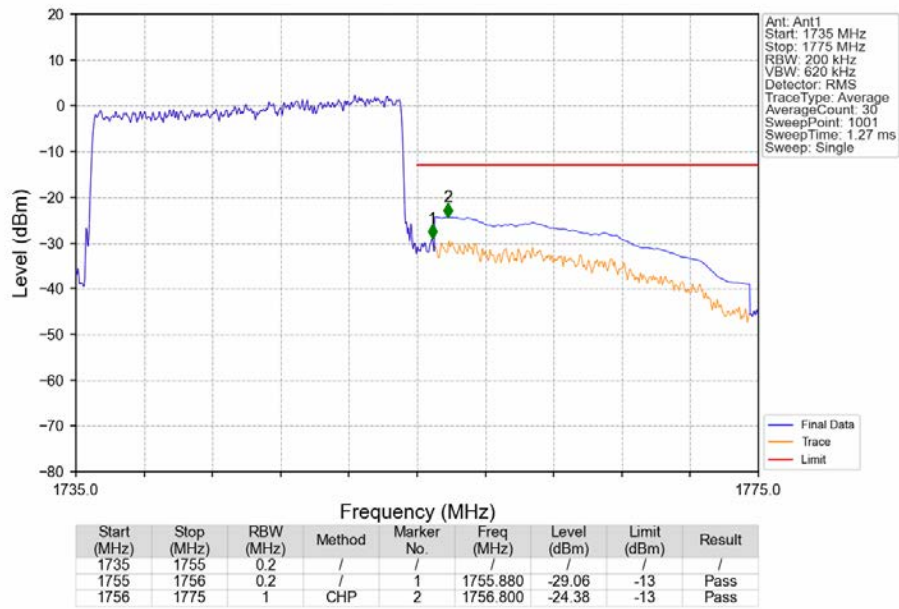
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Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



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



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1841	0.0054	ppm	1M12G7D	24E	22.65
4	1.4	1710.7	1754.3	0.1419	0.0250	ppm	1M12W7D	24E	21.52
4	3	1711.5	1753.5	0.1875	0.0067	ppm	2M74G7D	24E	22.73
4	3	1711.5	1753.5	0.1459	0.0104	ppm	2M73W7D	24E	21.64
4	5	1712.5	1752.5	0.1758	0.0062	ppm	4M59G7D	24E	22.45
4	5	1712.5	1752.5	0.1445	0.0049	ppm	4M60W7D	24E	21.60
4	10	1715	1750	0.1816	0.0083	ppm	9M10G7D	24E	22.59
4	10	1715	1750	0.1445	0.0068	ppm	9M09W7D	24E	21.60
4	15	1717.5	1747.5	0.1718	0.0062	ppm	13M7G7D	24E	22.35
4	15	1717.5	1747.5	0.1439	0.0051	ppm	13M7W7D	24E	21.58
4	20	1720	1745	0.1734	0.0051	ppm	18M2G7D	24E	22.39
4	20	1720	1745	0.1542	0.0057	ppm	18M2W7D	24E	21.88

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.2080	0.0054	ppm	1M12G7D	24E	23.18
4	1.4	1710.7	1754.3	0.1603	0.0250	ppm	1M12W7D	24E	22.05
4	3	1711.5	1753.5	0.2118	0.0067	ppm	2M74G7D	24E	23.26
4	3	1711.5	1753.5	0.1648	0.0104	ppm	2M73W7D	24E	22.17
4	5	1712.5	1752.5	0.1986	0.0062	ppm	4M59G7D	24E	22.98
4	5	1712.5	1752.5	0.1633	0.0049	ppm	4M60W7D	24E	22.13
4	10	1715	1750	0.2051	0.0083	ppm	9M10G7D	24E	23.12
4	10	1715	1750	0.1633	0.0068	ppm	9M09W7D	24E	22.13
4	15	1717.5	1747.5	0.1941	0.0062	ppm	13M7G7D	24E	22.88
4	15	1717.5	1747.5	0.1626	0.0051	ppm	13M7W7D	24E	22.11
4	20	1720	1745	0.1959	0.0051	ppm	18M2G7D	24E	22.92
4	20	1720	1745	0.1742	0.0057	ppm	18M2W7D	24E	22.41