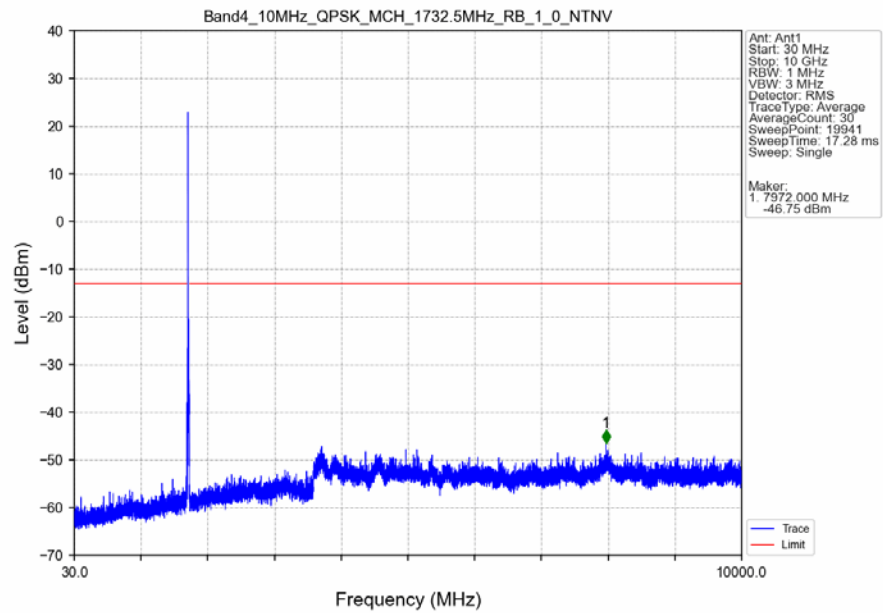
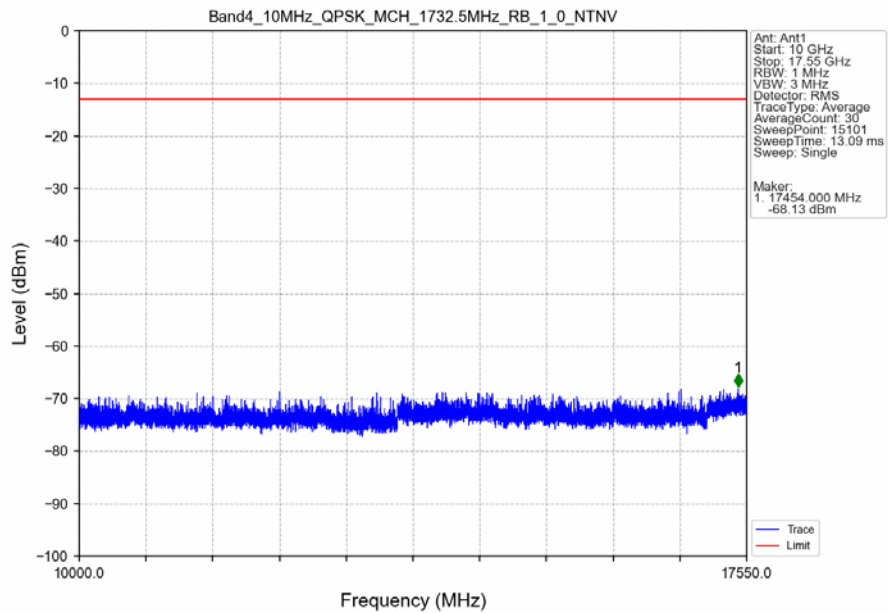


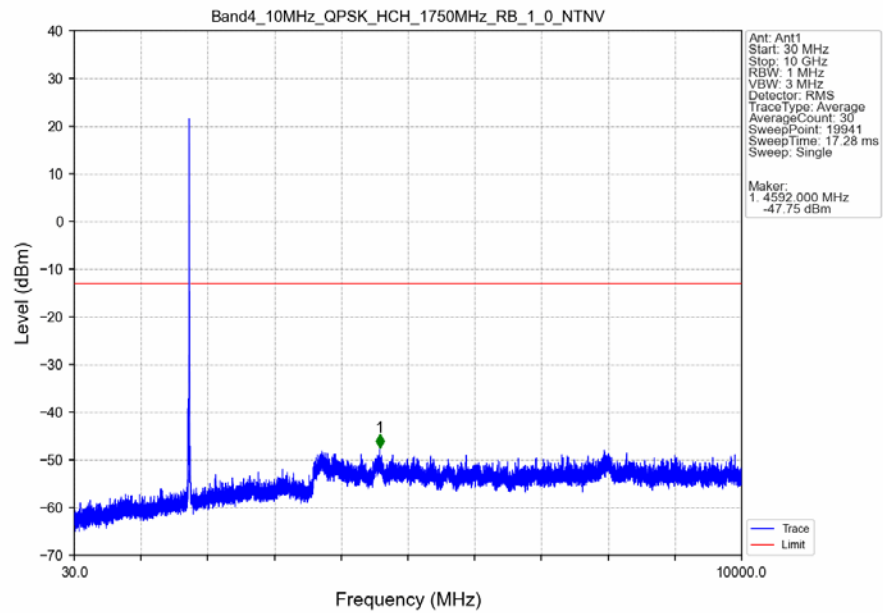
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



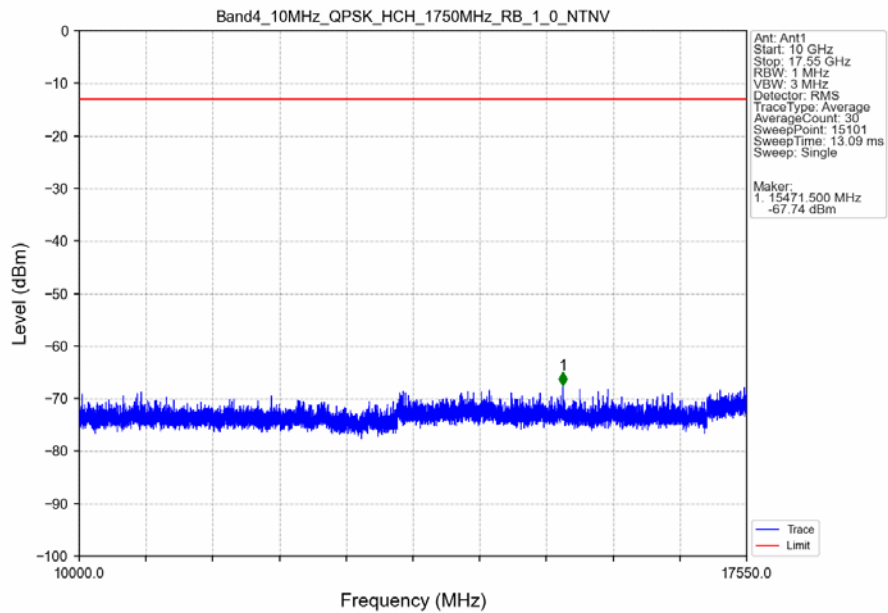
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



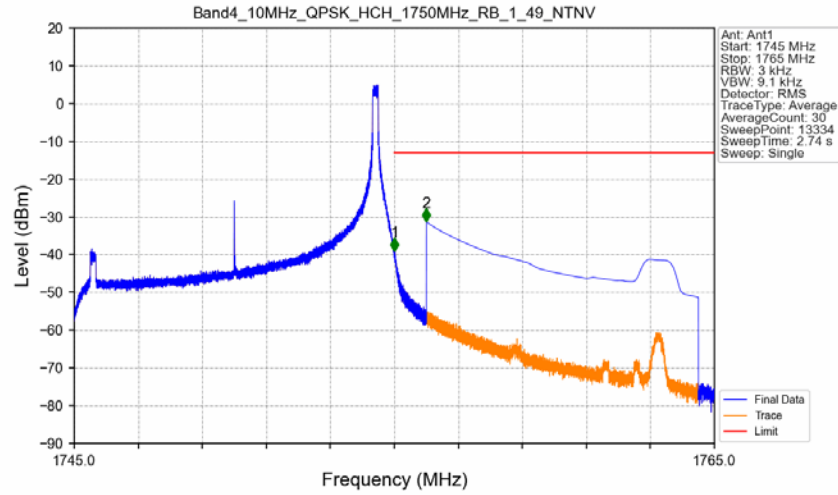
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

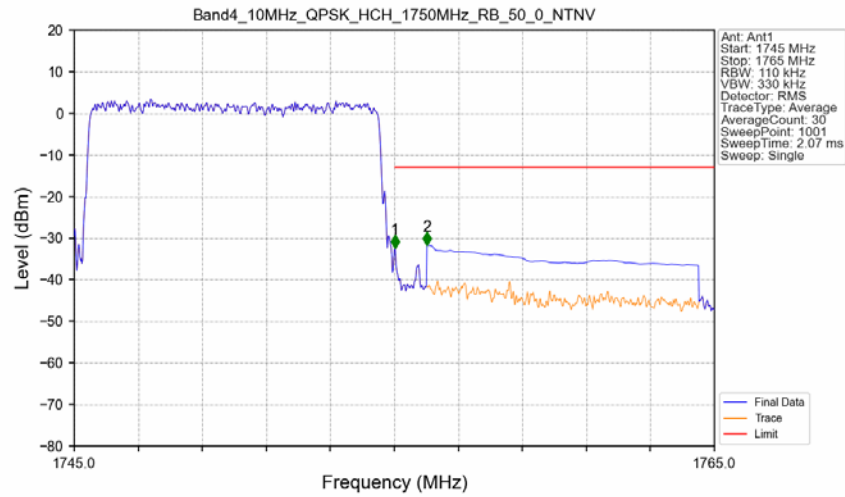


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



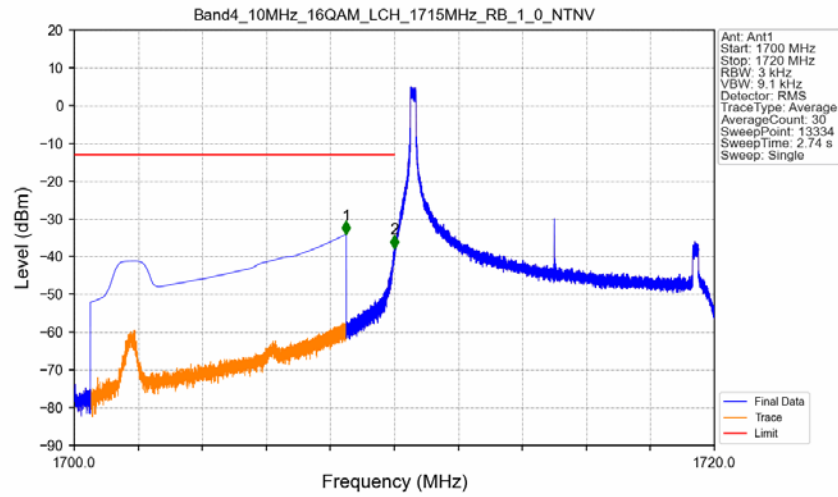
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-39.07	-13	Pass
1756	1765	1	CHP	2	1756.001	-31.31	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



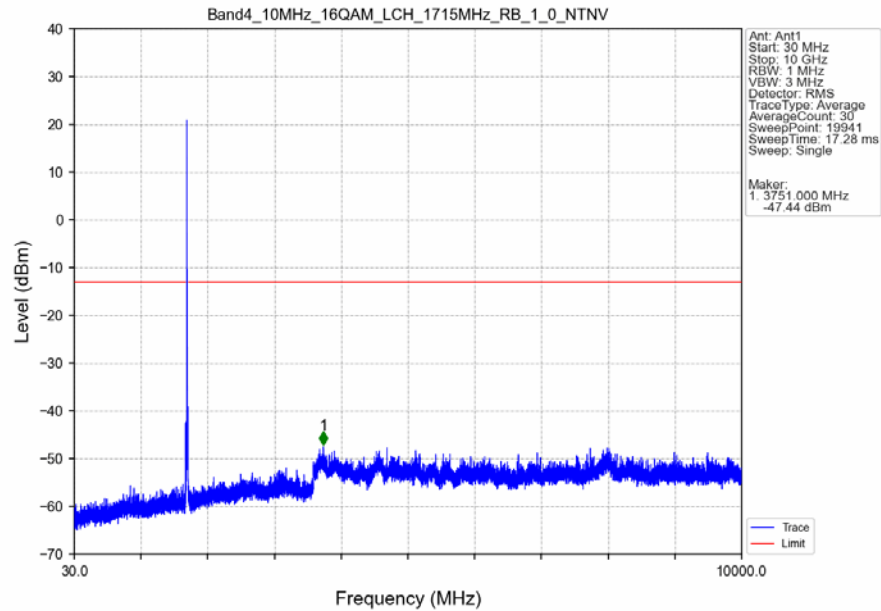
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.020	-32.33	-13	Pass
1756	1765	1	CHP	2	1756.020	-31.67	-13	Pass

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

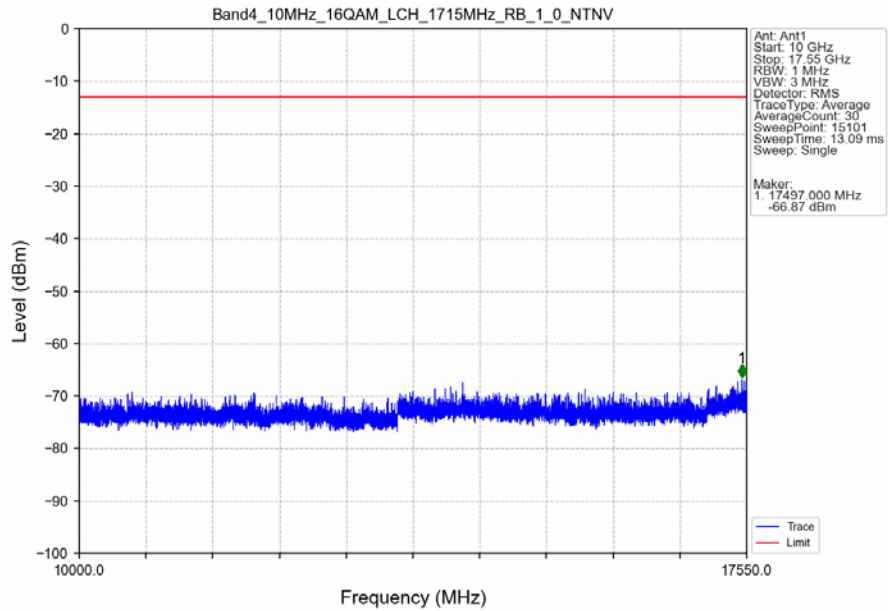


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.498	-34.07	-13	Pass
1709	1710	0.003	/	2	1709.998	-37.75	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

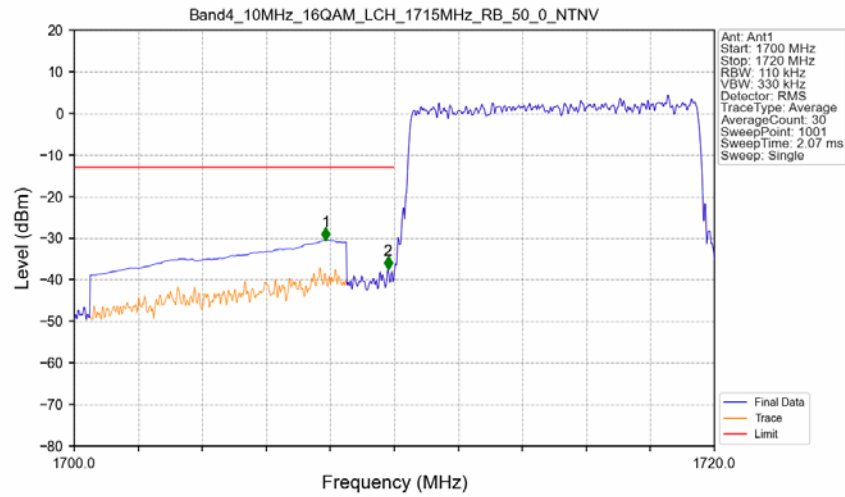
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



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

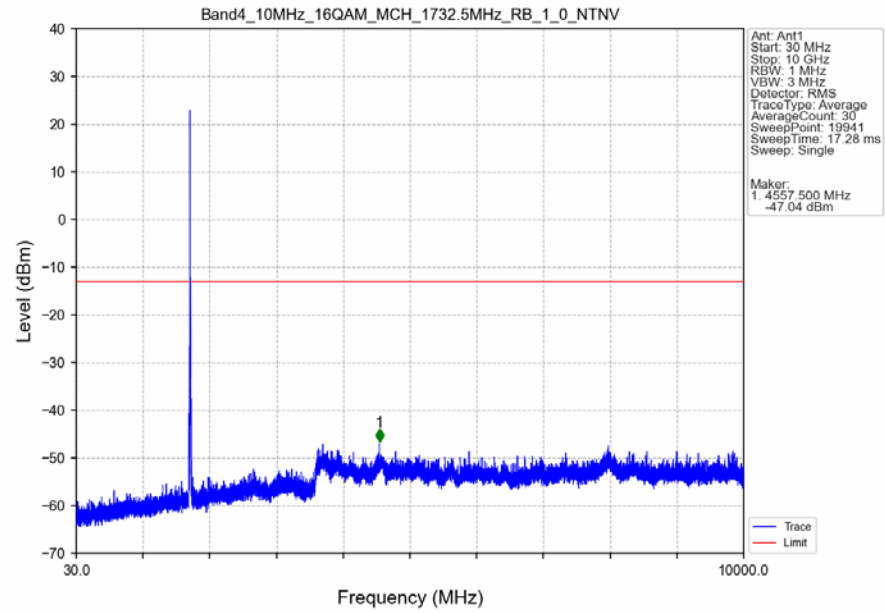


Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

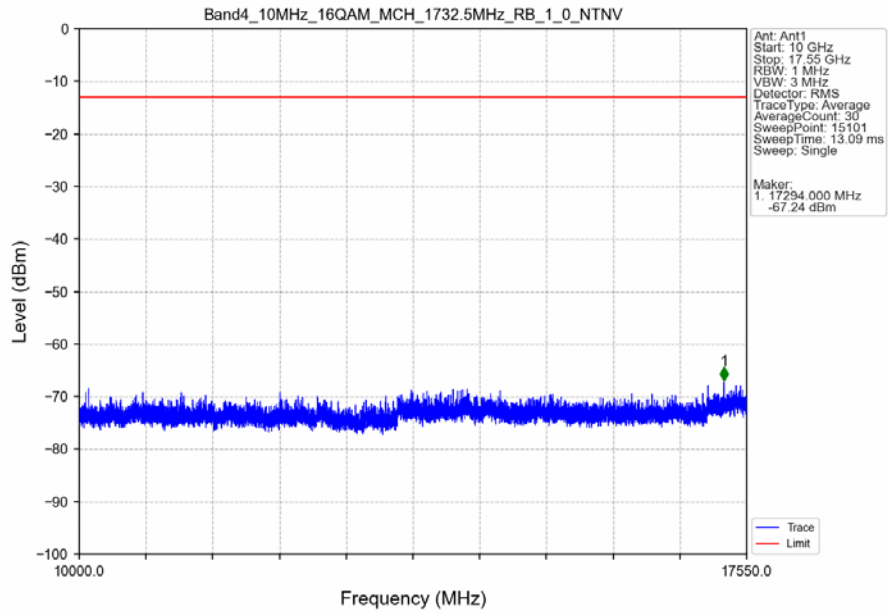


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1707.860	-30.54	-13	Pass
1709	1710	0.11	/	2	1709.800	-37.54	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

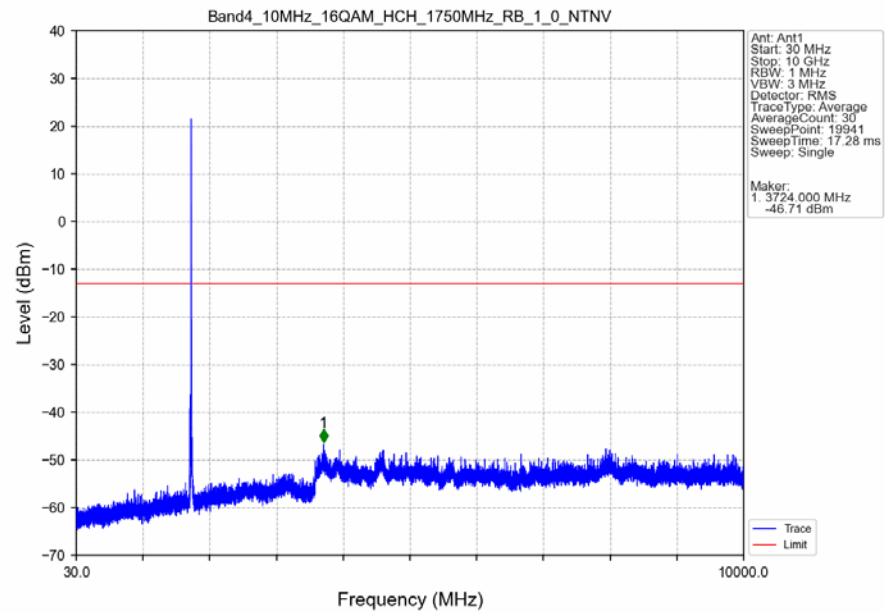
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



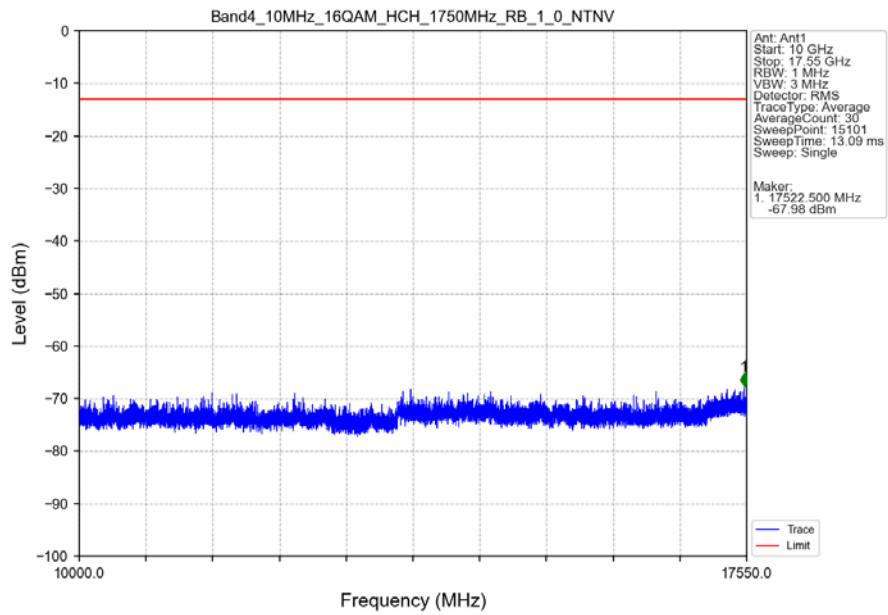
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



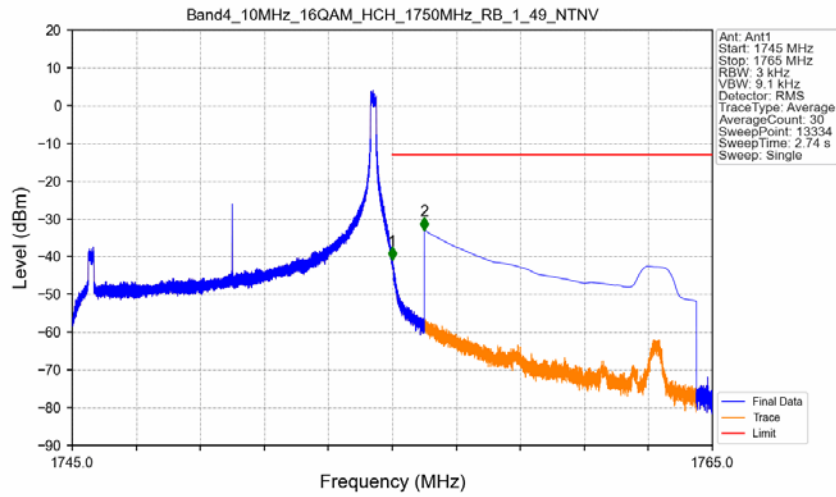
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



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

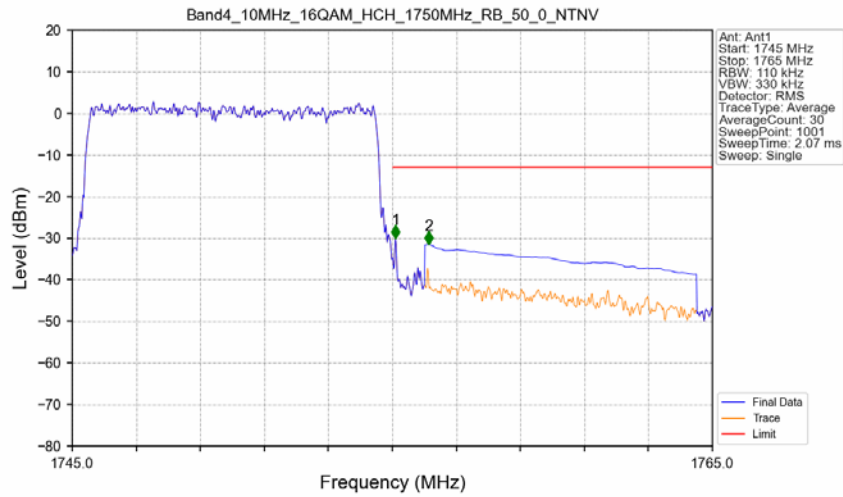


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



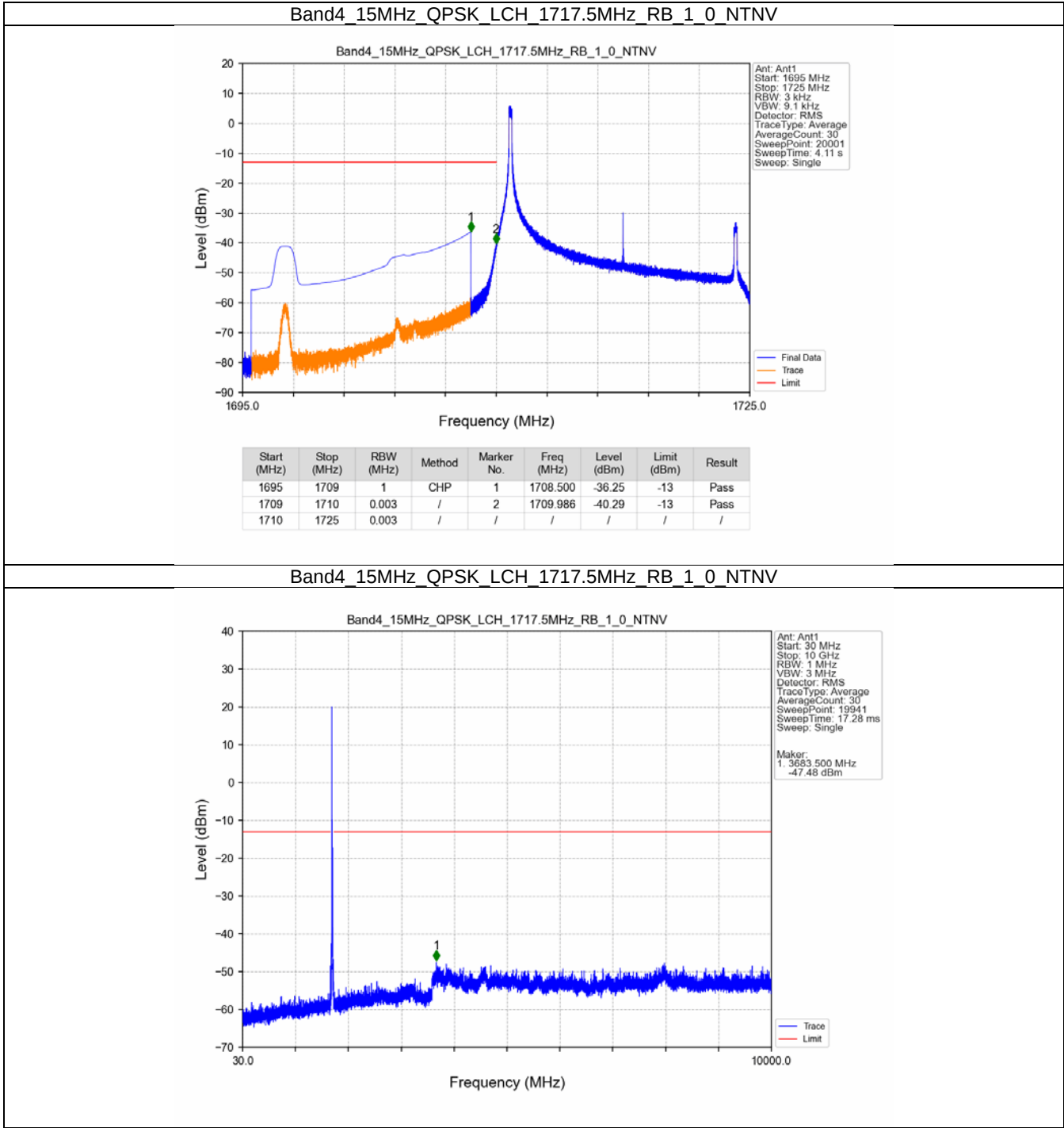
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-40.83	-13	Pass
1756	1765	1	CHP	2	1756.001	-32.94	-13	Pass

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

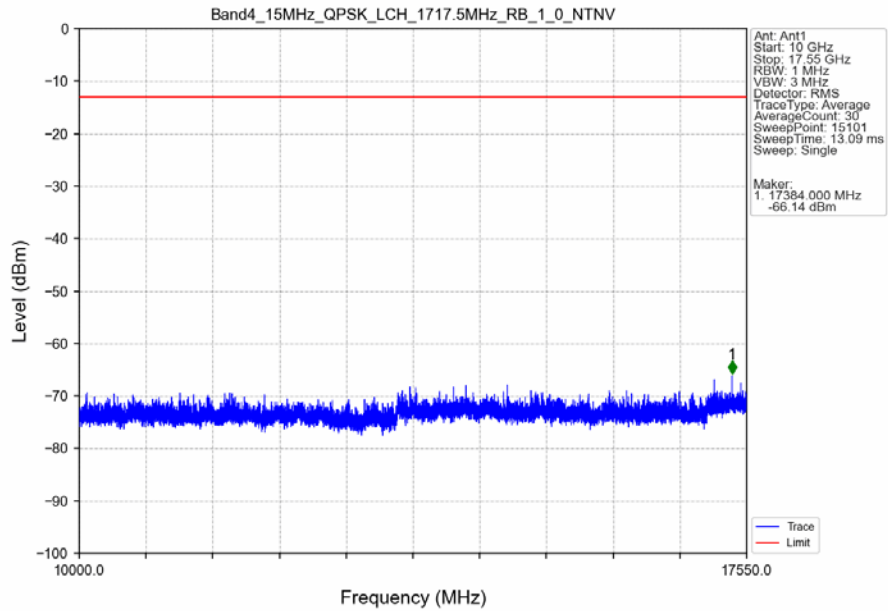


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.100	-30.08	-13	Pass
1756	1765	1	CHP	2	1756.140	-31.55	-13	Pass

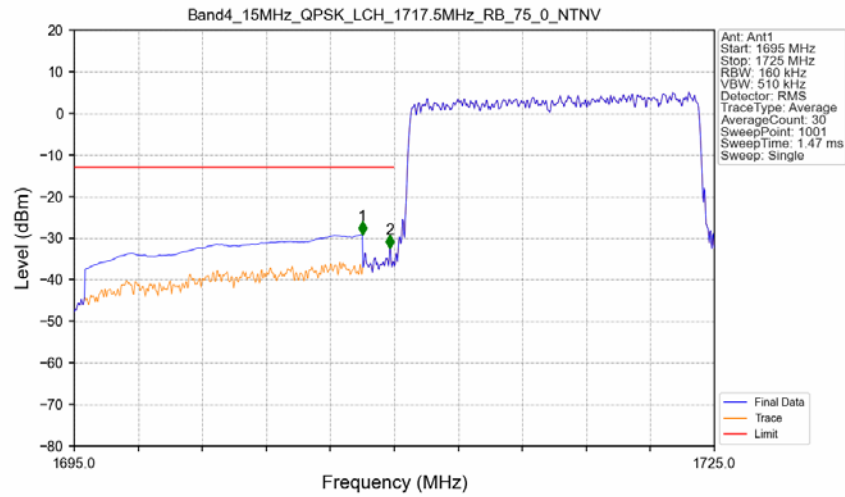
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

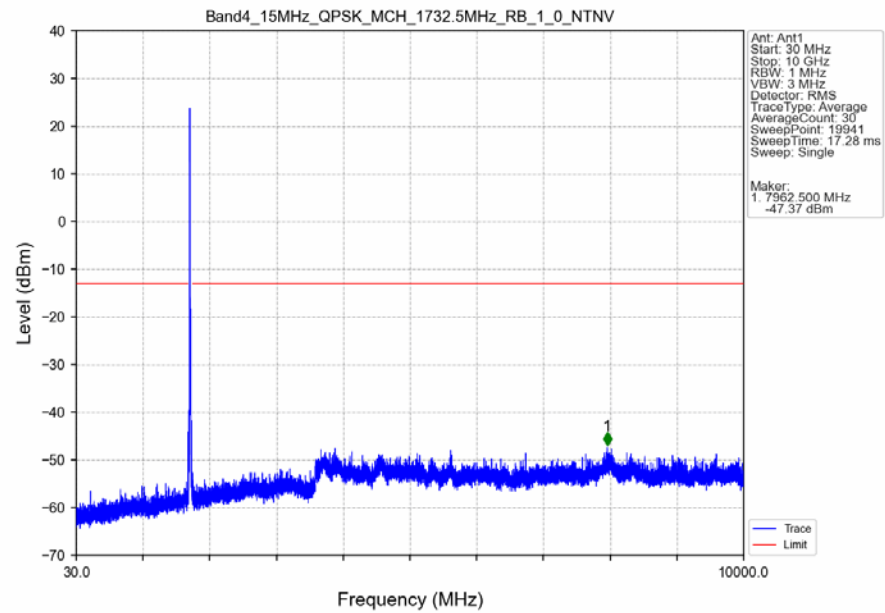


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

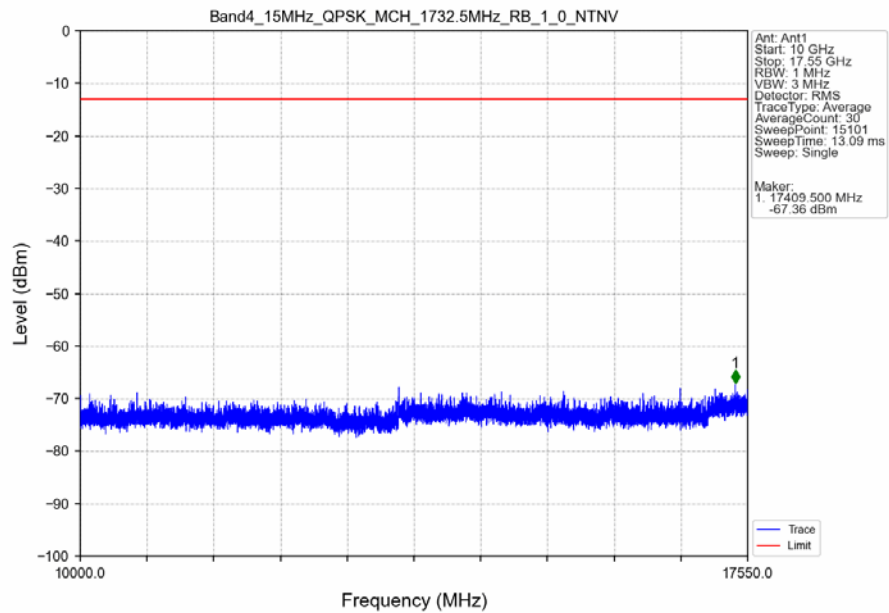


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-29.18	-13	Pass
1709	1710	0.16	/	2	1709.790	-32.47	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

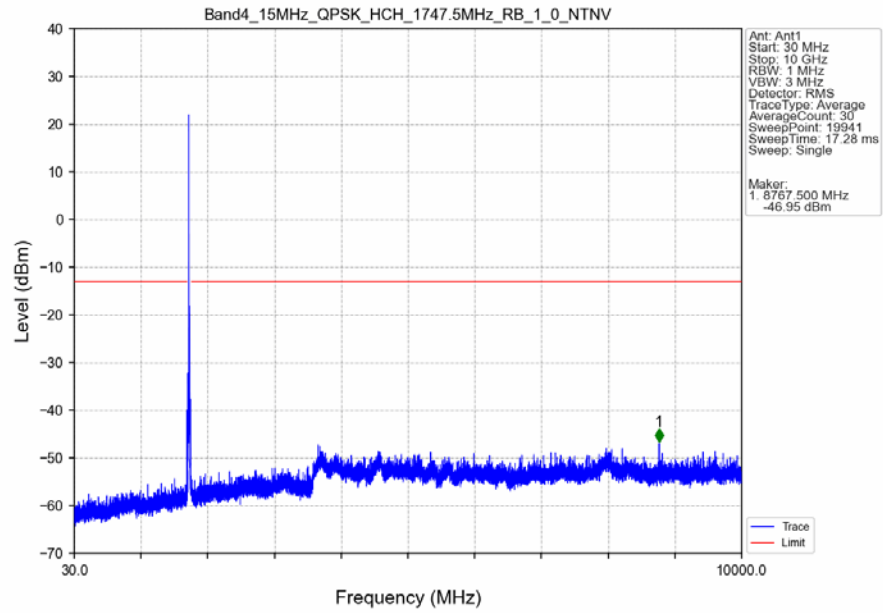
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



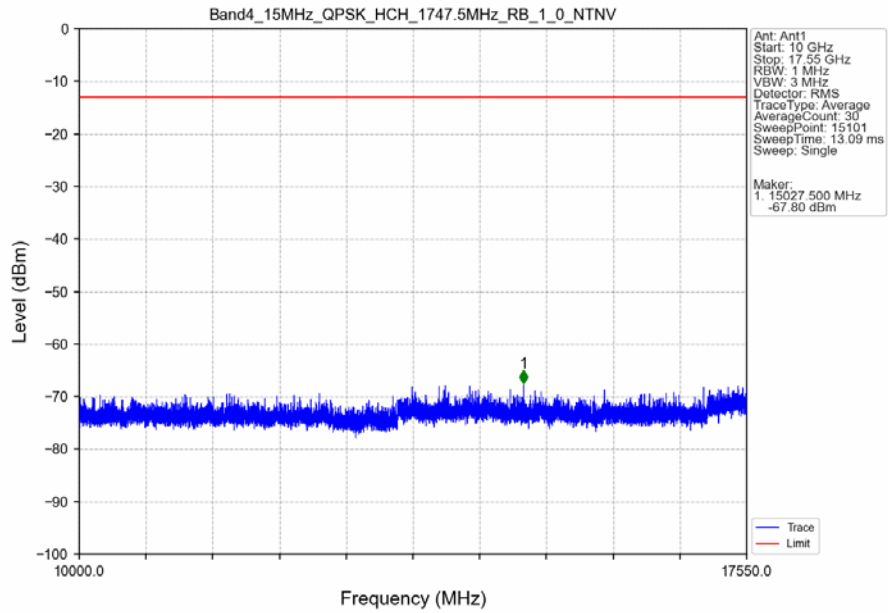
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



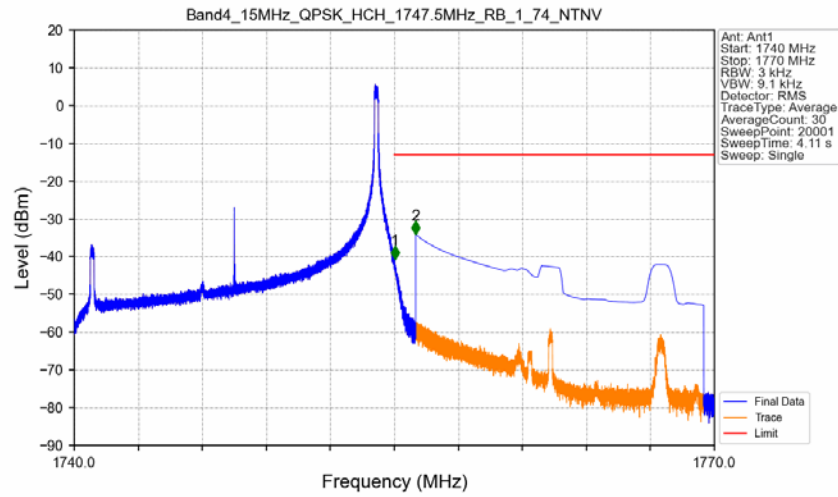
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

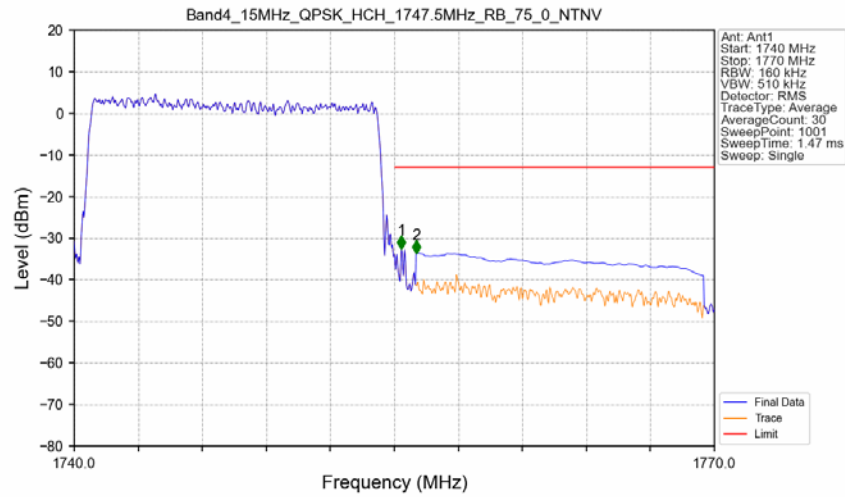


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



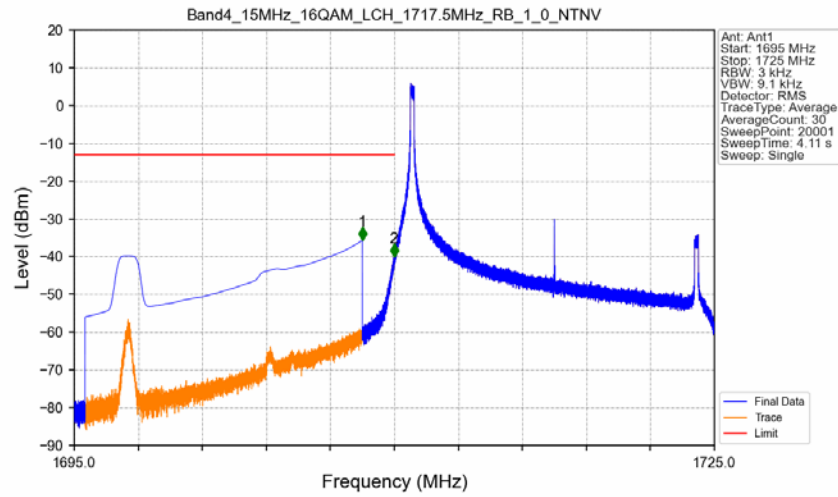
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.020	-40.65	-13	Pass
1756	1770	1	CHP	2	1756.001	-34.02	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

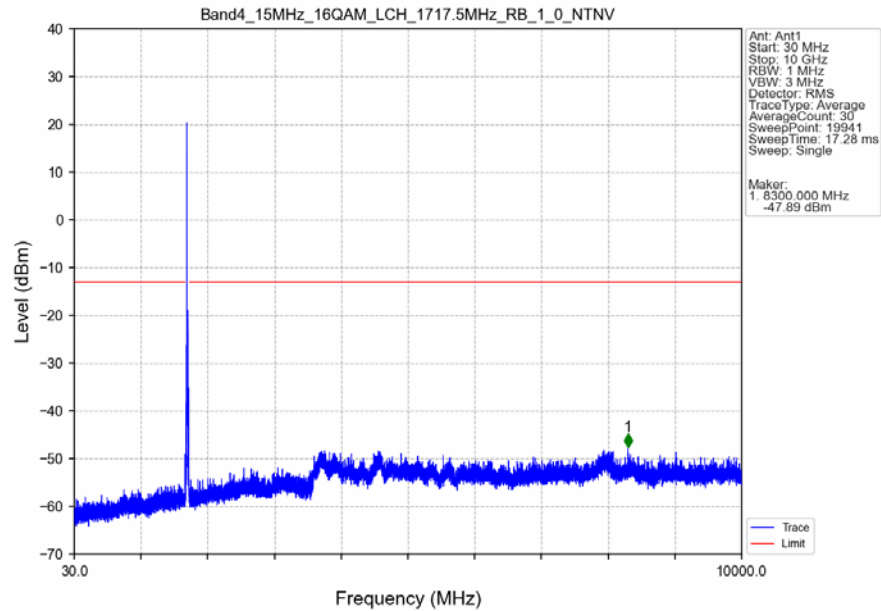


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.330	-32.53	-13	Pass
1756	1770	1	CHP	2	1756.020	-33.66	-13	Pass

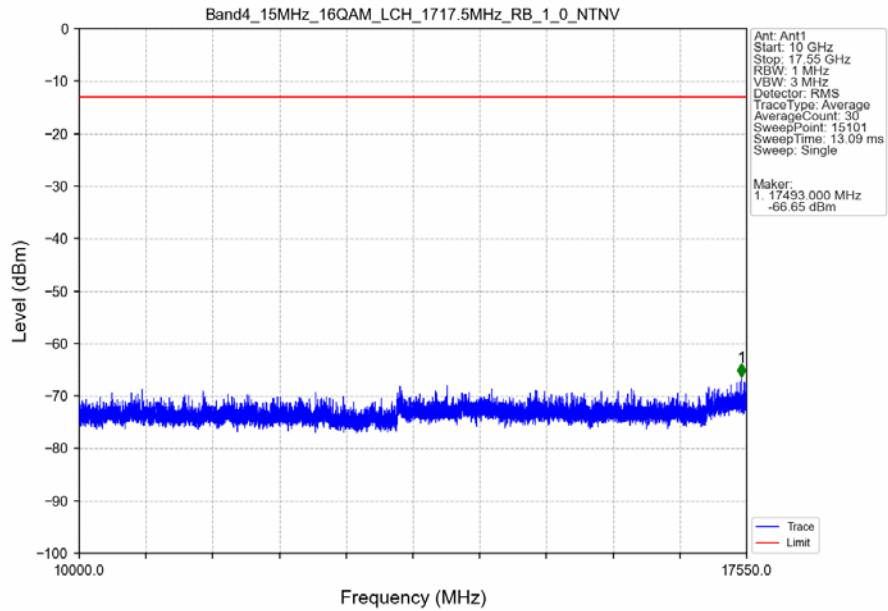
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



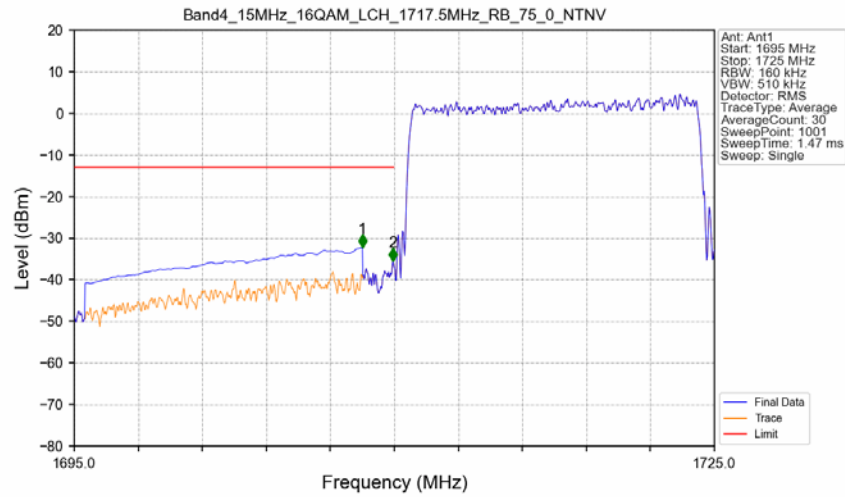
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

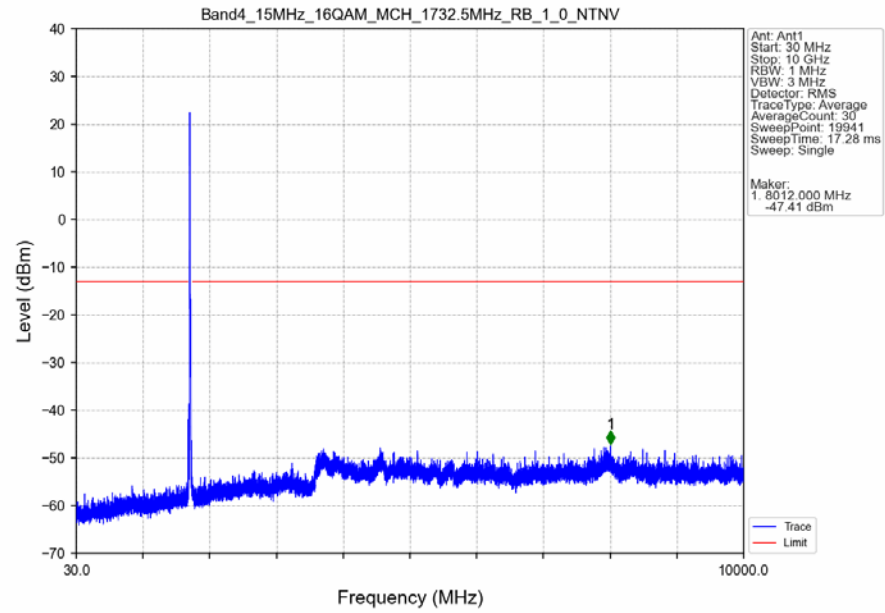


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

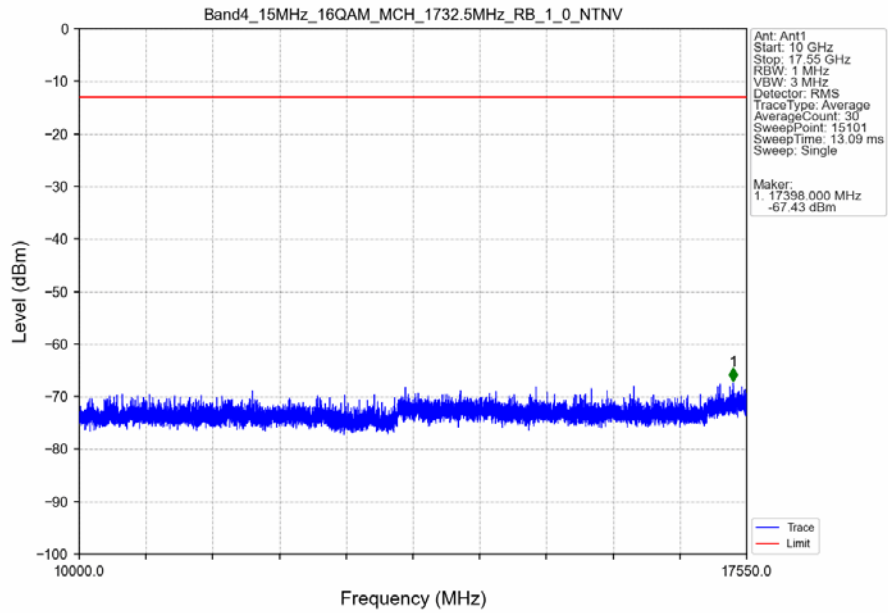


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-32.30	-13	Pass
1709	1710	0.16	/	2	1709.940	-35.45	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

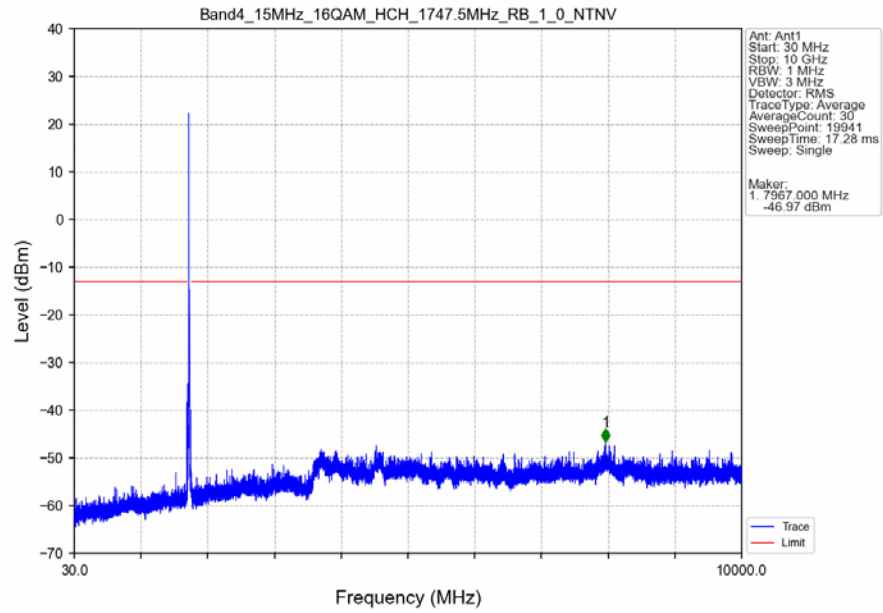
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



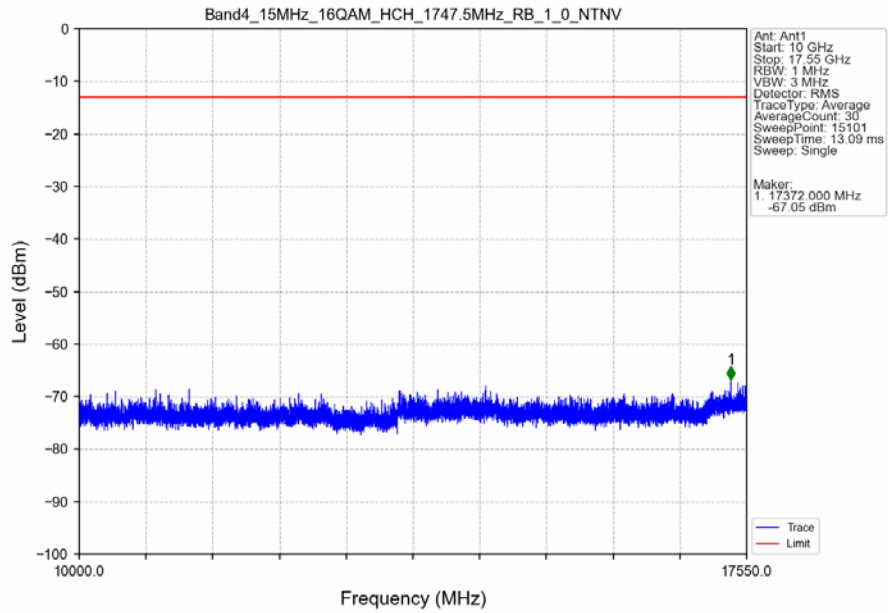
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



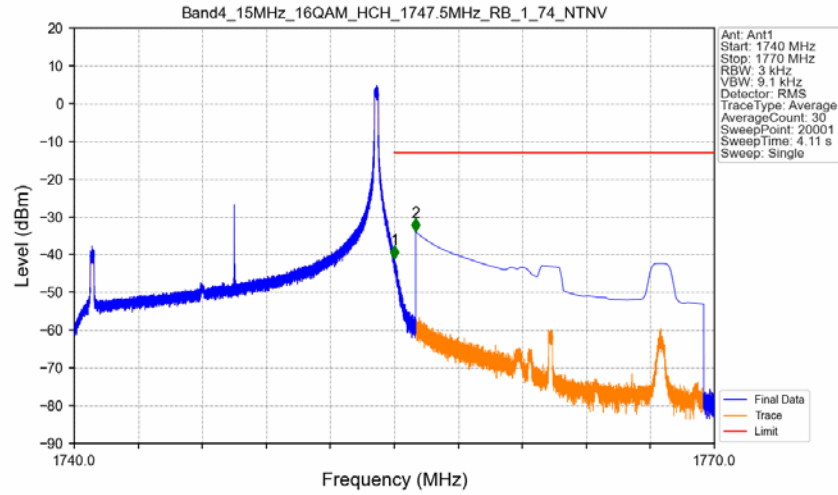
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

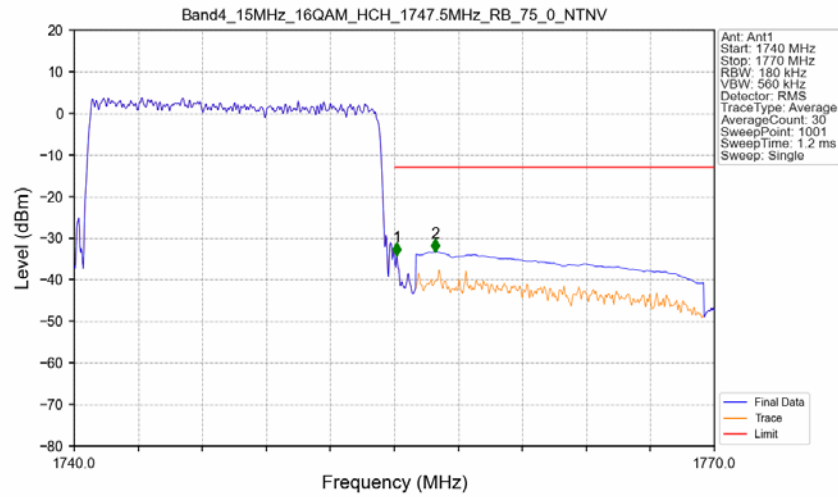


Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTNV



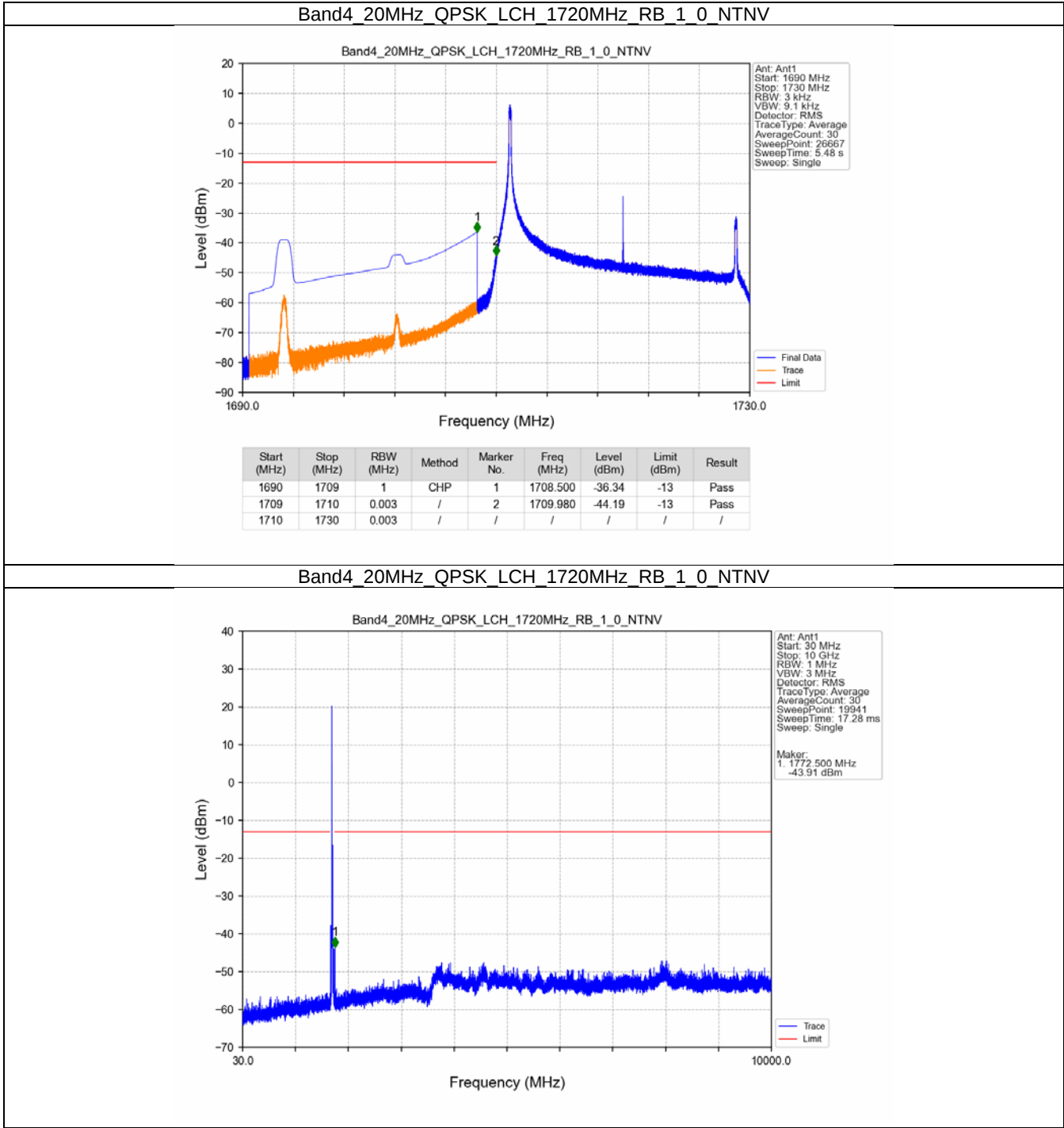
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-41.04	-13	Pass
1756	1770	1	CHP	2	1756.001	-33.86	-13	Pass

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

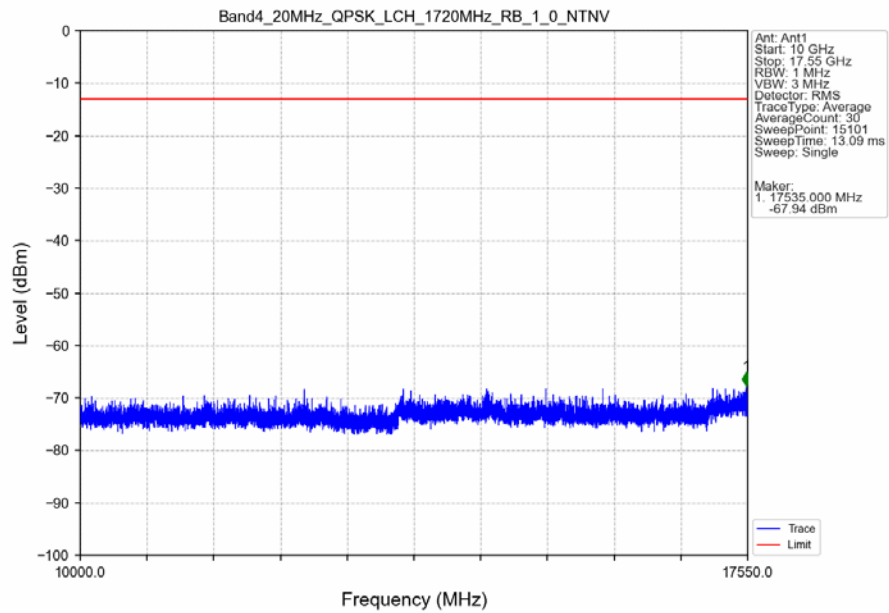


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.18	/	/	/	/	/	/
1755	1756	0.18	/	1	1755.120	-34.21	-13	Pass
1756	1770	1	CHP	2	1756.920	-33.30	-13	Pass

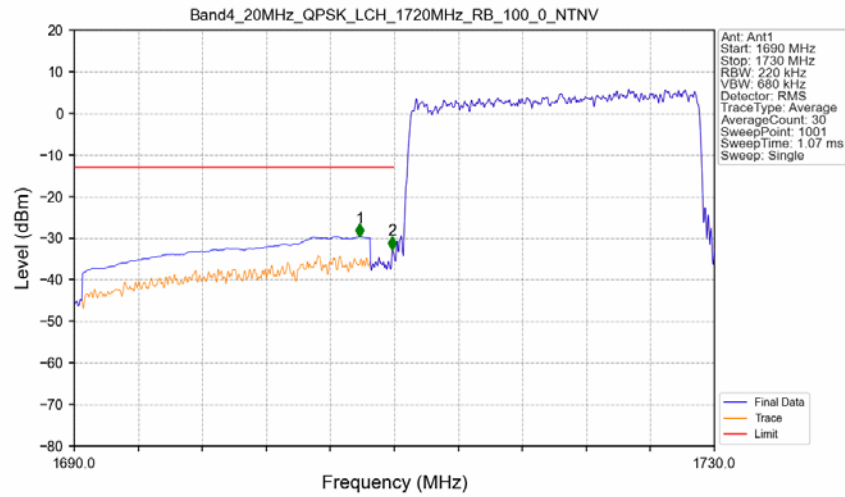
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

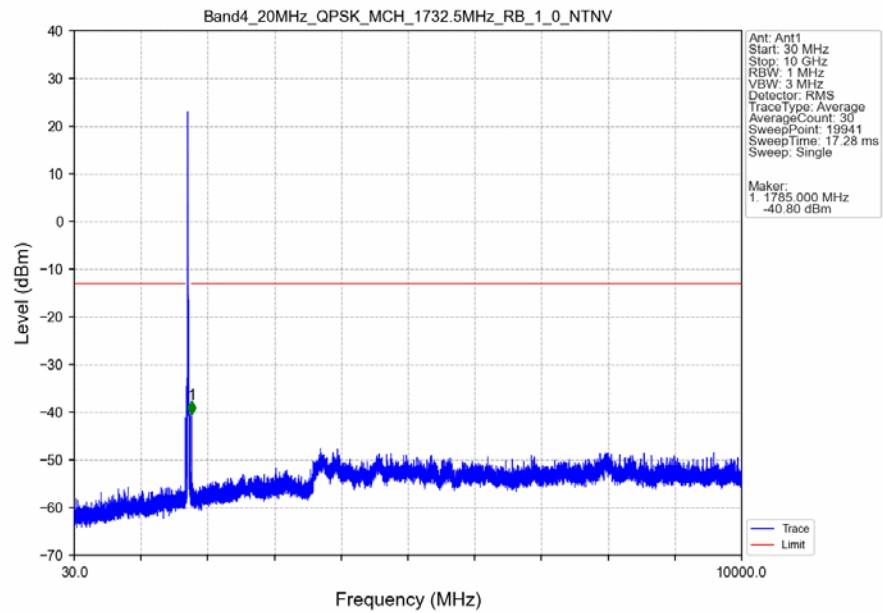


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

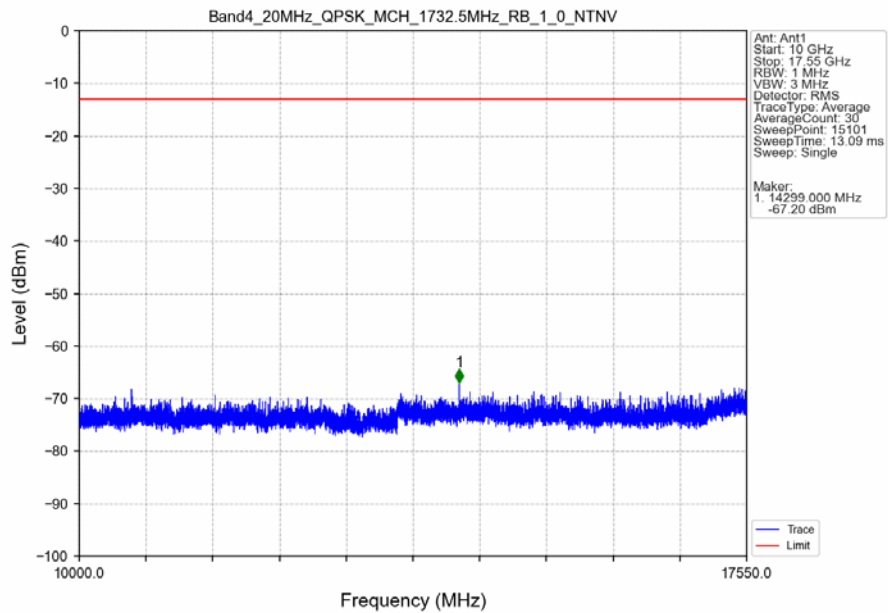


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.840	-29.66	-13	Pass
1709	1710	0.22	/	2	1709.880	-32.68	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

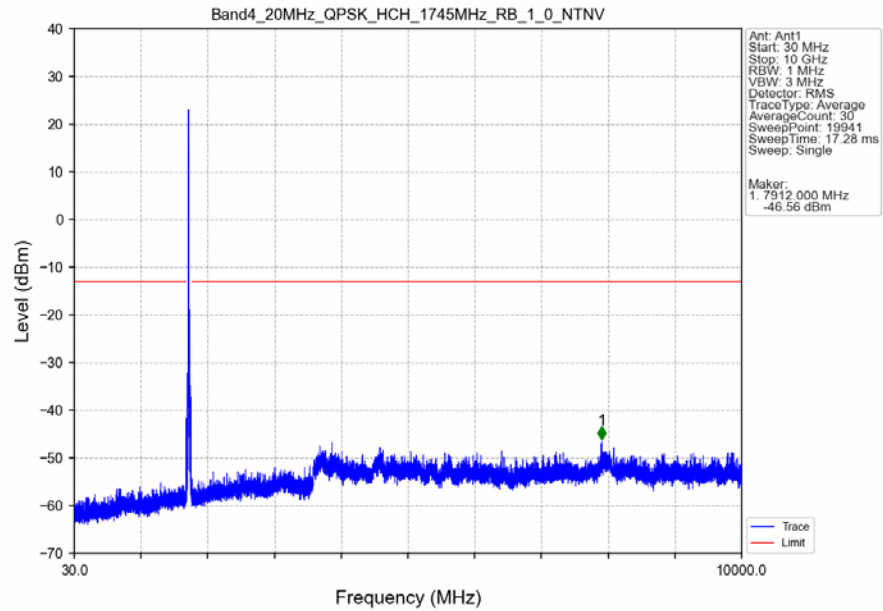
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



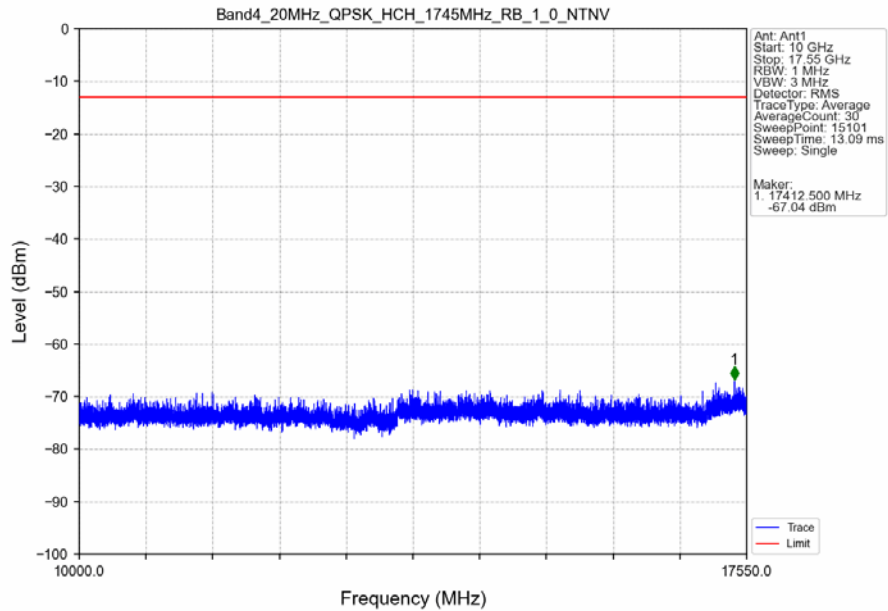
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



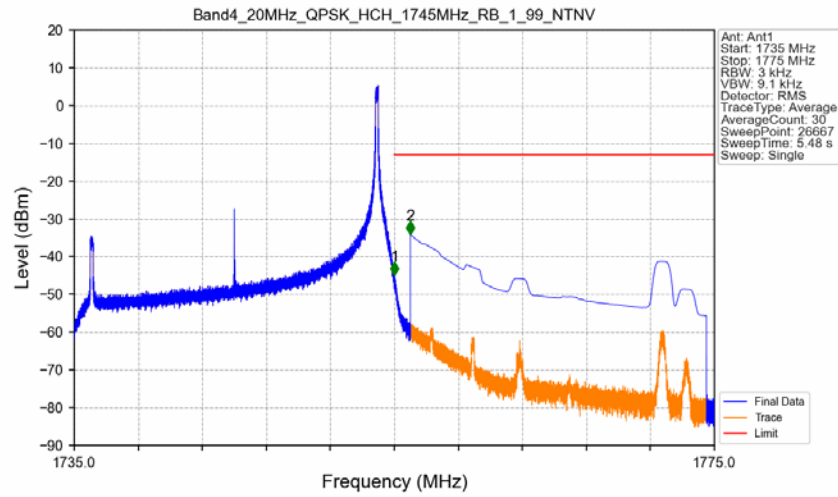
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

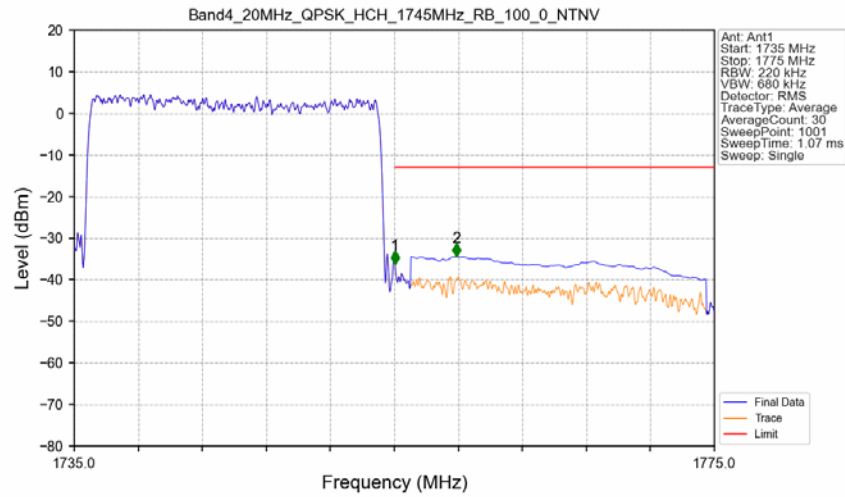


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



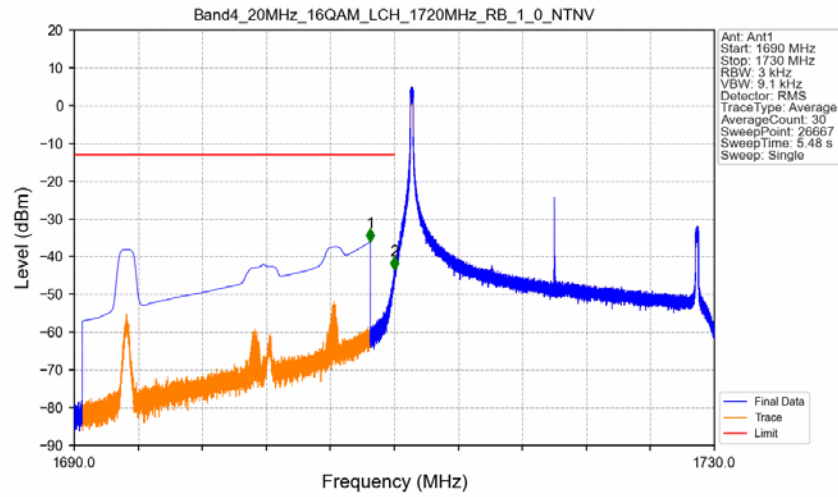
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-44.95	-13	Pass
1756	1775	1	CHP	2	1756.001	-34.13	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



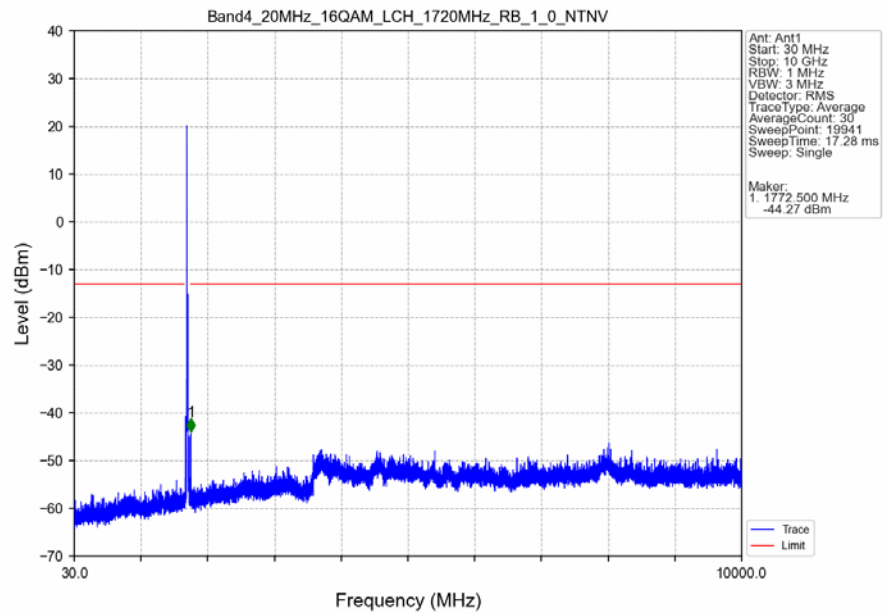
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.040	-36.20	-13	Pass
1756	1775	1	CHP	2	1758.880	-34.46	-13	Pass

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

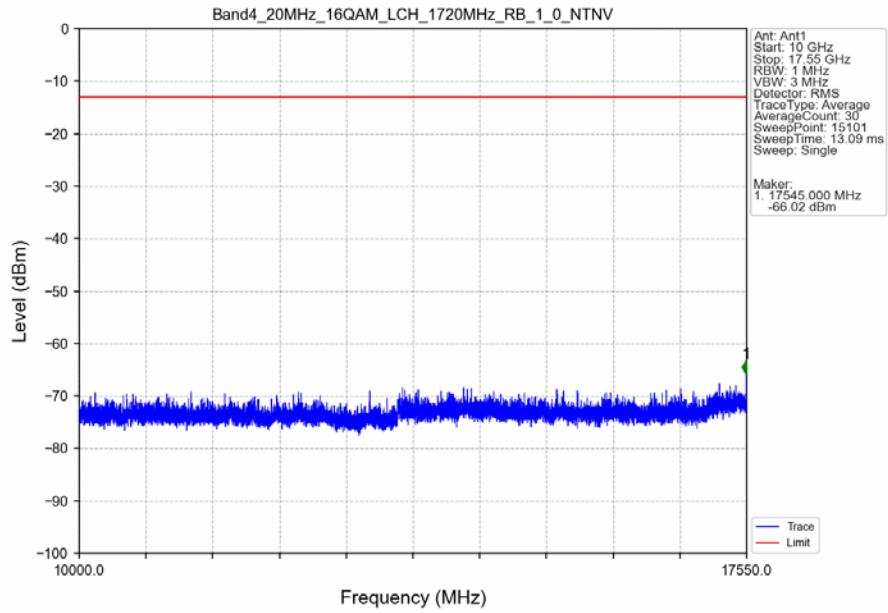


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-36.02	-13	Pass
1709	1710	0.003	/	2	1709.994	-43.51	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

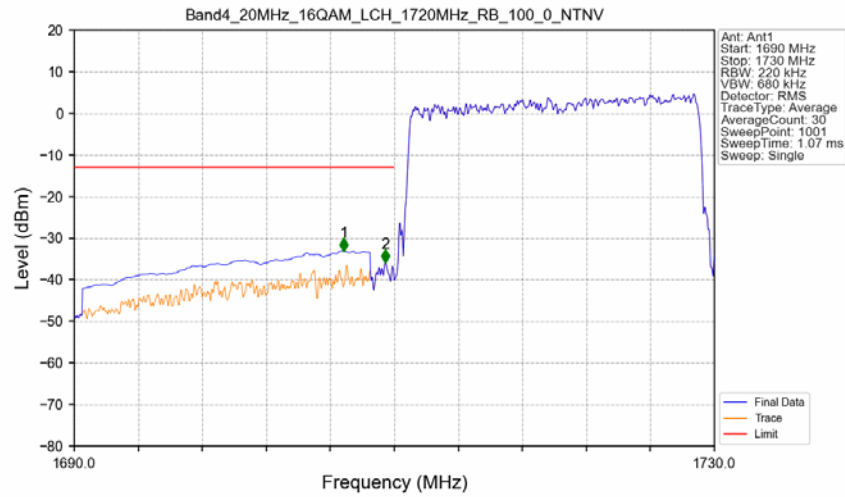
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



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

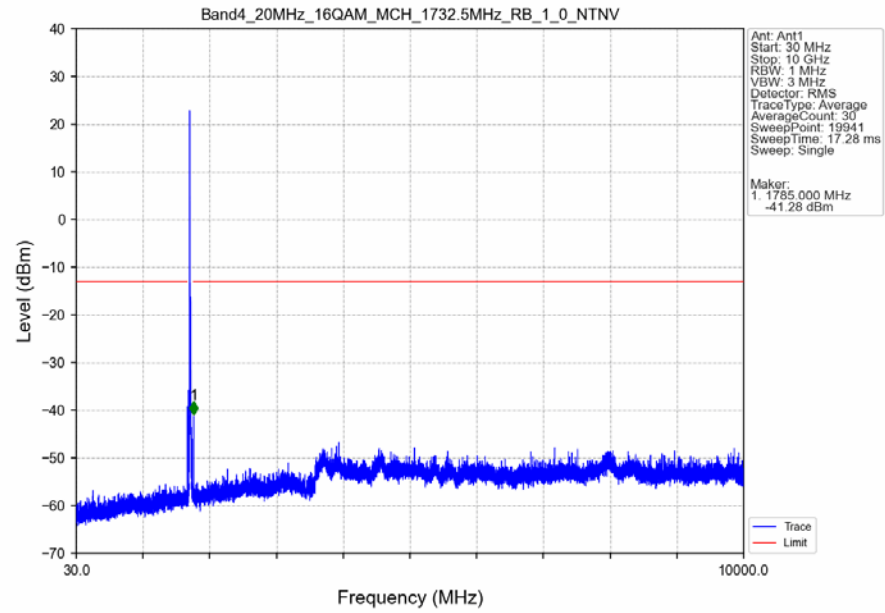


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

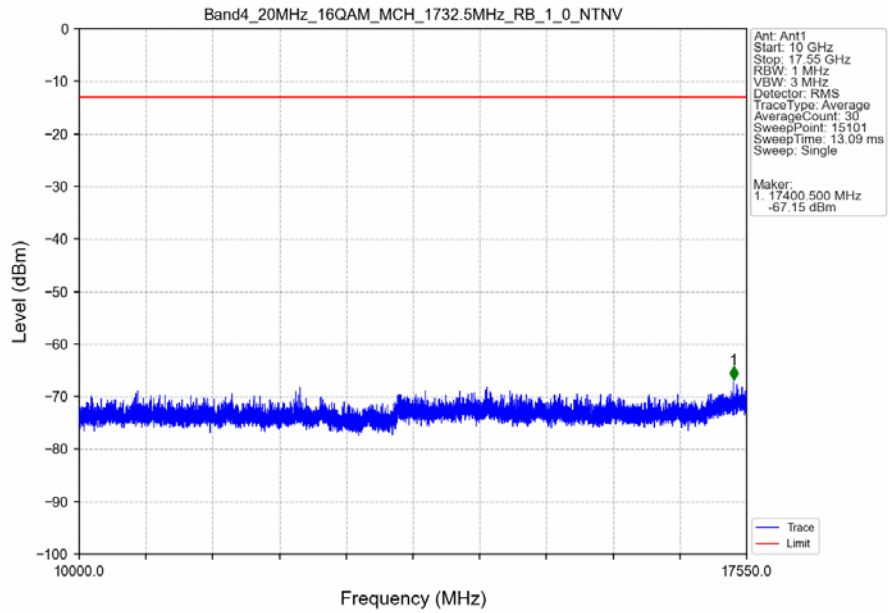


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.840	-33.08	-13	Pass
1709	1710	0.22	/	2	1709.440	-35.82	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

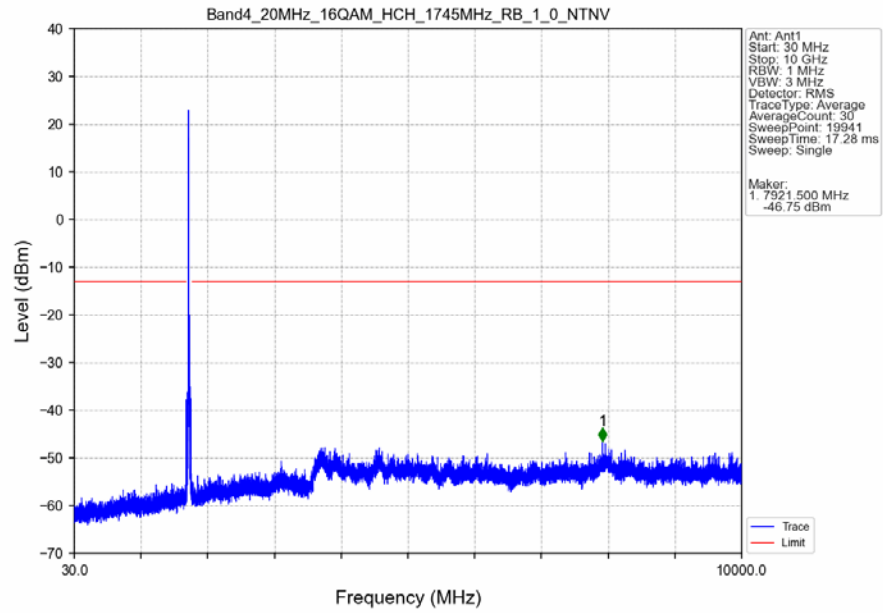
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



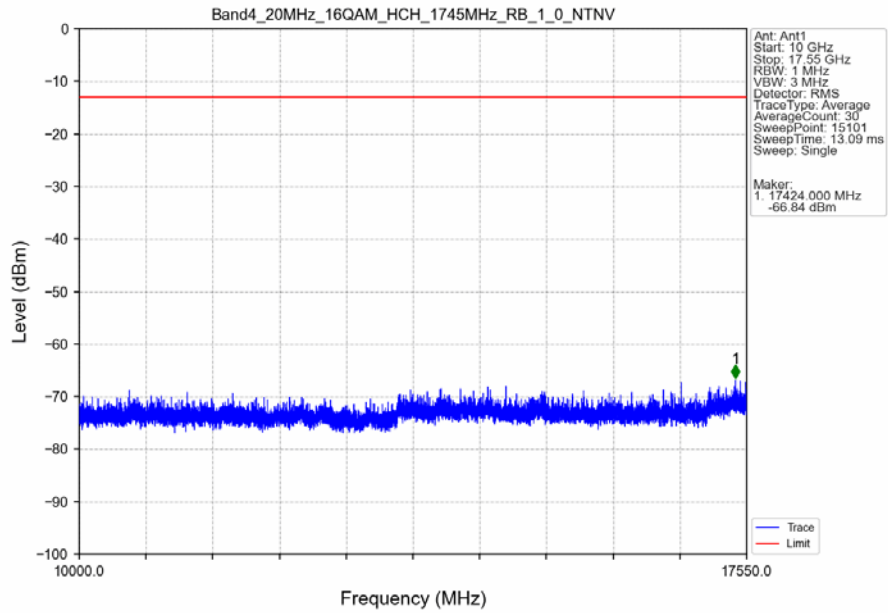
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



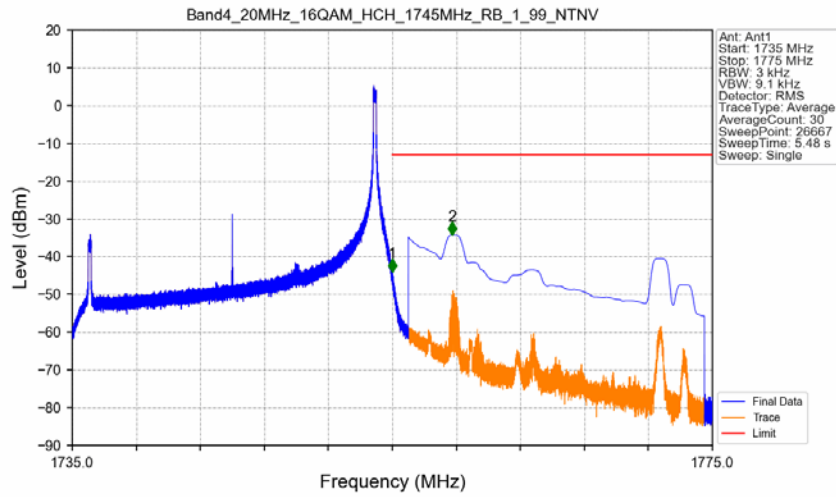
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



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

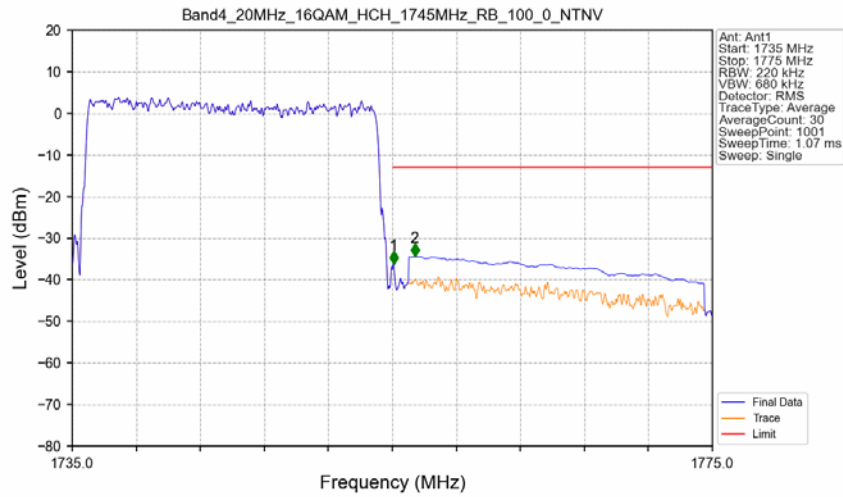


Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-43.99	-13	Pass
1756	1775	1	CHP	2	1758.726	-34.26	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.080	-36.18	-13	Pass
1756	1775	1	CHP	2	1756.400	-34.47	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
2987.923	-55.07	-13	-42.07	-59.01	2.95	6.89	Horizontal	Pass
9322.501	-49.47	-13	-36.47	-57.97	4.73	13.23	Horizontal	Pass
11341.14	-50.27	-13	-37.27	-58.46	5.06	13.25	Horizontal	Pass
1431.782	-62.28	-13	-49.28	-65.78	1.95	5.45	Vertical	Pass
8904.986	-50.44	-13	-37.44	-59.05	4.54	13.15	Vertical	Pass
9514.293	-48.99	-13	-35.99	-57.39	4.83	13.23	Vertical	Pass

LTE Band 4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
2875.986	-55.25	-13	-42.25	-59.01	2.89	6.65	Horizontal	Pass
9370.083	-49.76	-13	-36.76	-58.23	4.76	13.23	Horizontal	Pass
11457.21	-50.6	-13	-37.6	-58.78	5.06	13.24	Horizontal	Pass
1367.659	-62.12	-13	-49.12	-65.26	1.9	5.04	Vertical	Pass
5073.591	-51.15	-13	-38.15	-57.08	4.26	10.19	Vertical	Pass
9465.979	-49.09	-13	-36.09	-57.53	4.8	13.24	Vertical	Pass

LTE Band 4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
2980.327	-54.95	-13	-41.95	-58.88	2.95	6.88	Horizontal	Pass
9441.913	-48.97	-13	-35.97	-57.42	4.79	13.24	Horizontal	Pass
10860.83	-50.95	-13	-37.95	-59.11	5.07	13.23	Horizontal	Pass
1402.92	-62.16	-13	-49.16	-65.49	1.93	5.26	Vertical	Pass
8996.121	-49.19	-13	-36.19	-57.83	4.57	13.21	Vertical	Pass
9393.966	-48.47	-13	-35.47	-56.93	4.77	13.23	Vertical	Pass