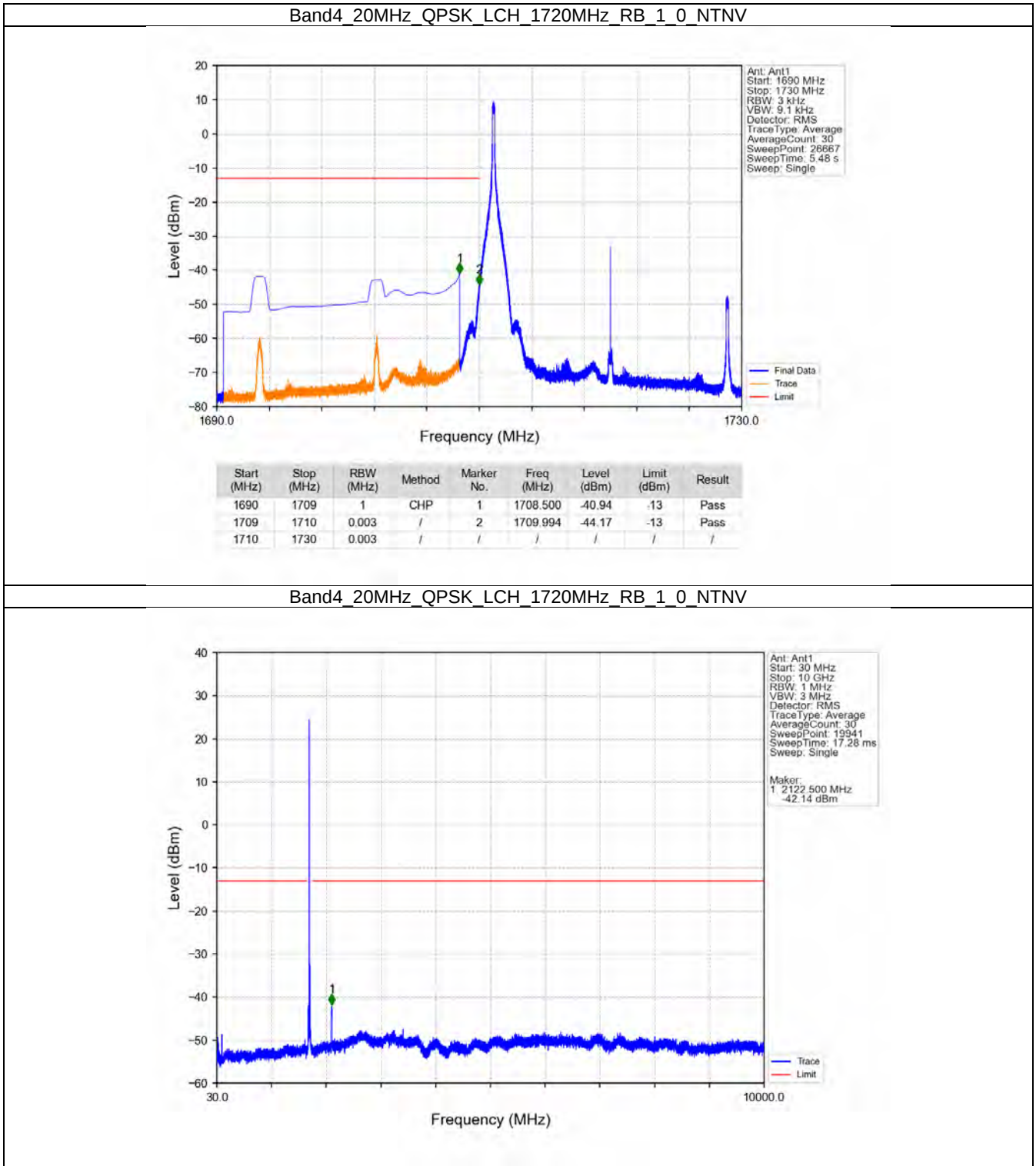
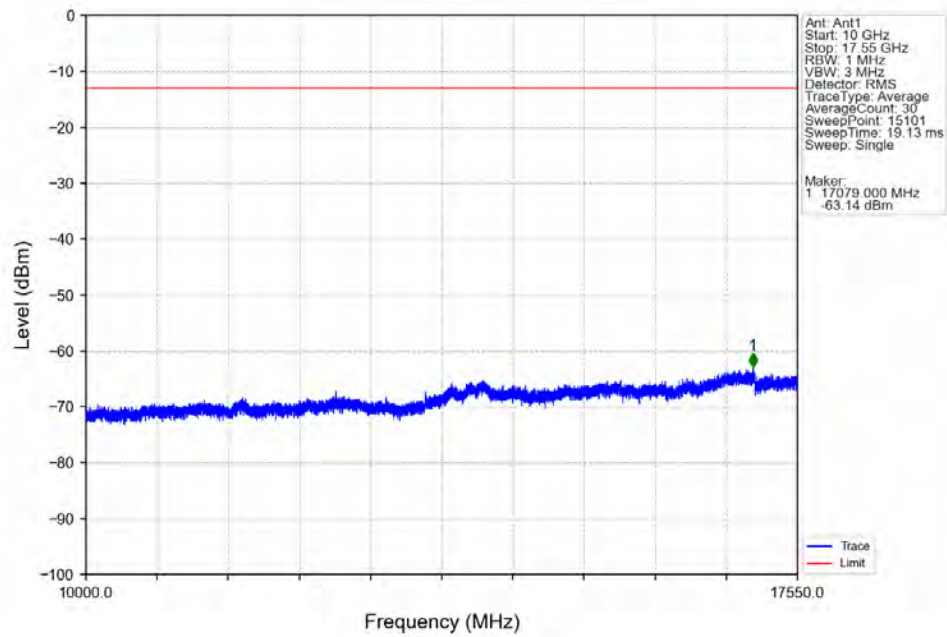


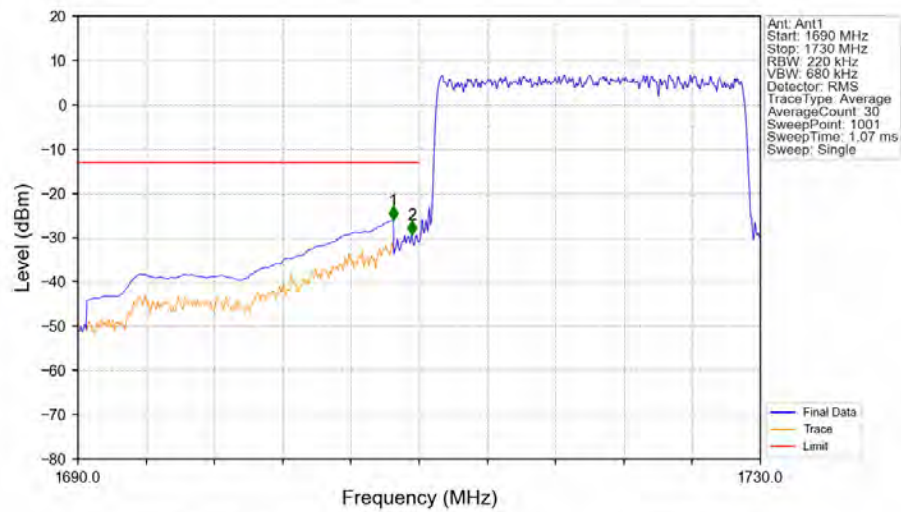
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

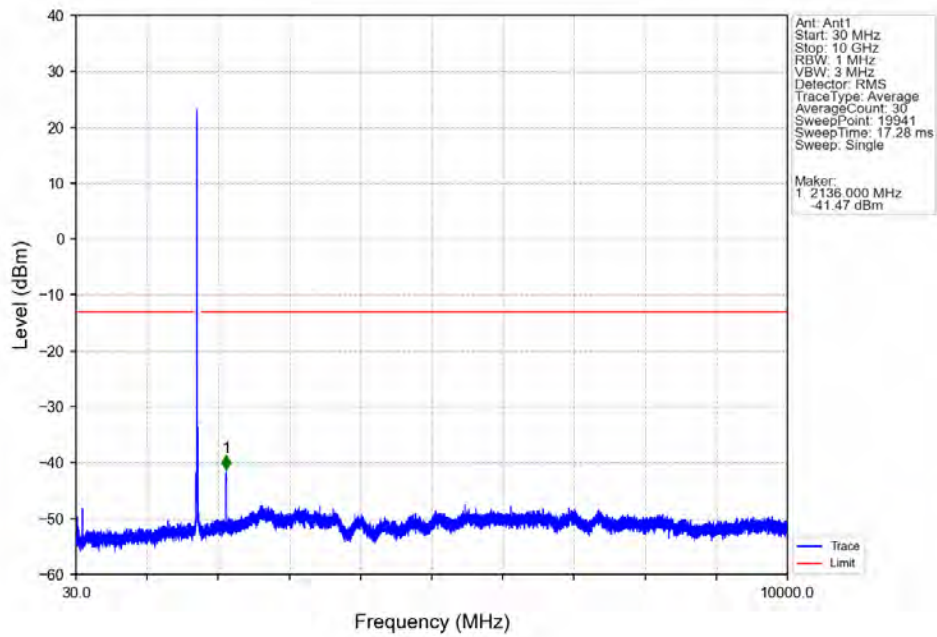


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN

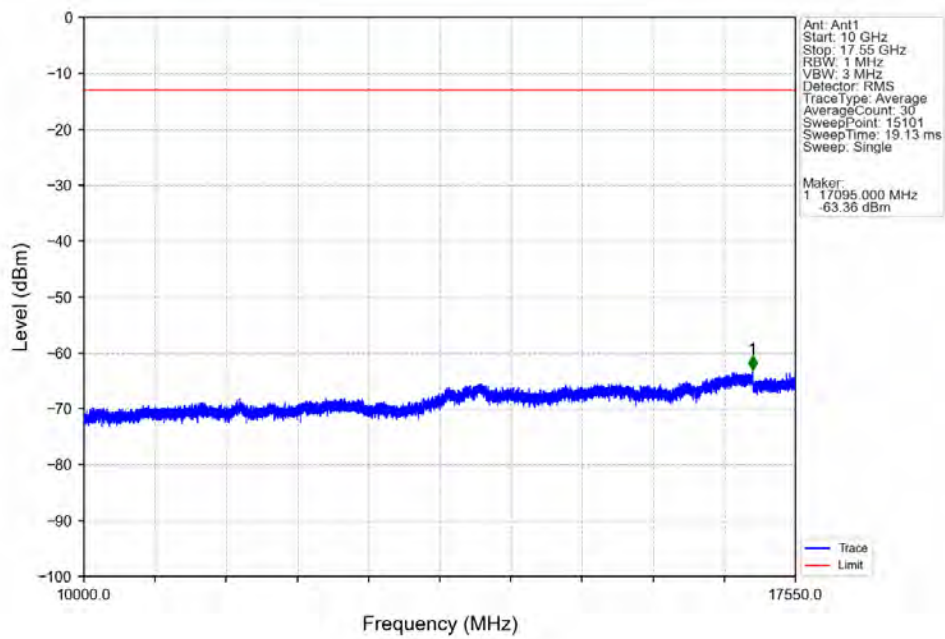


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-26.04	-13	Pass
1709	1710	0.22	/	2	1709.560	-29.36	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

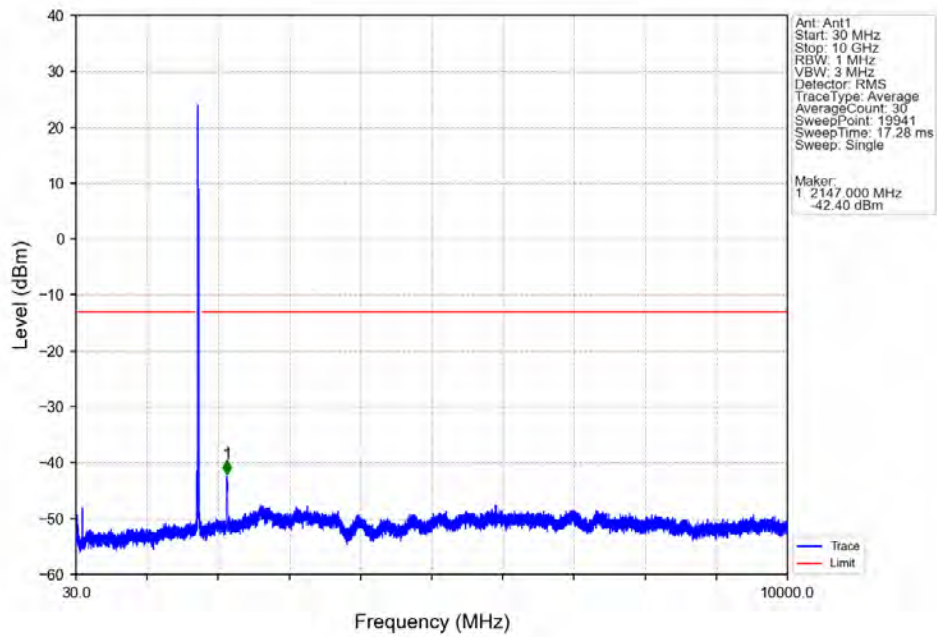
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



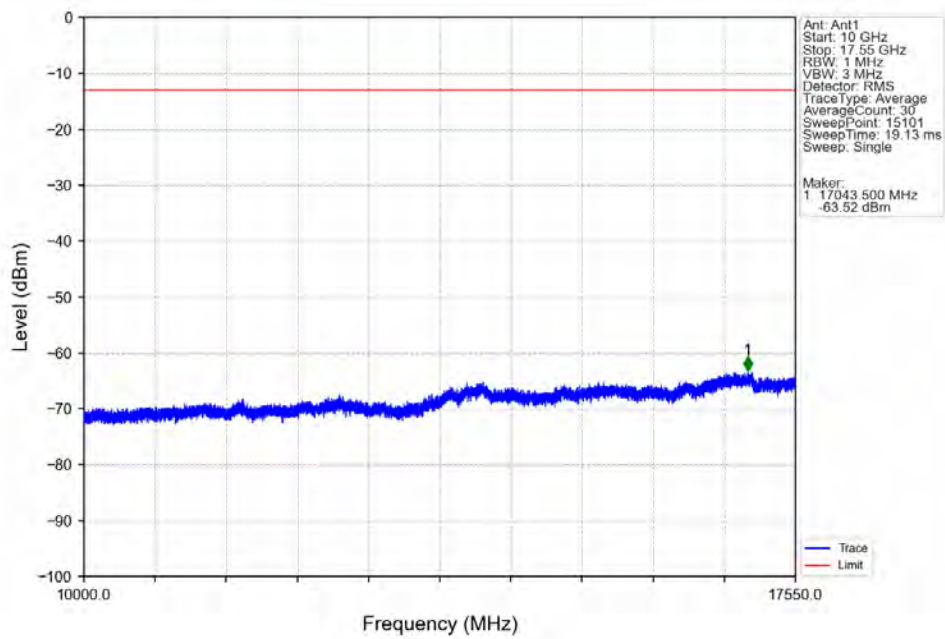
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



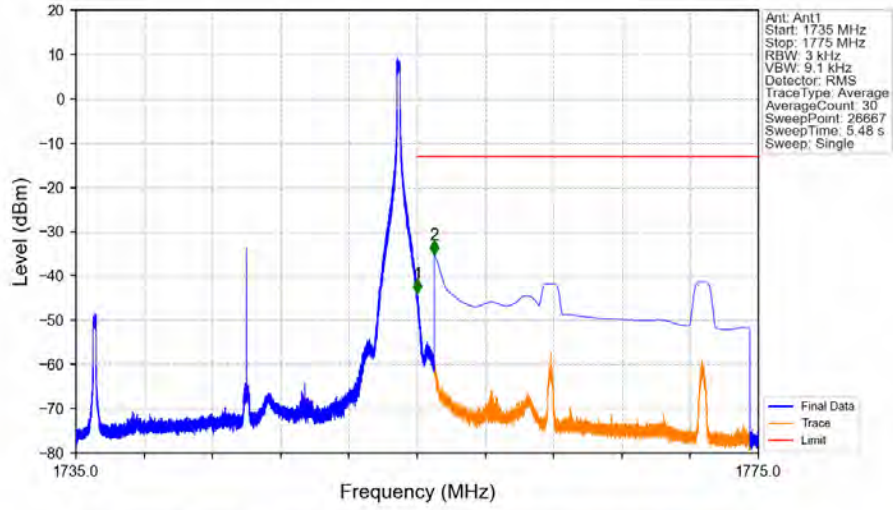
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV

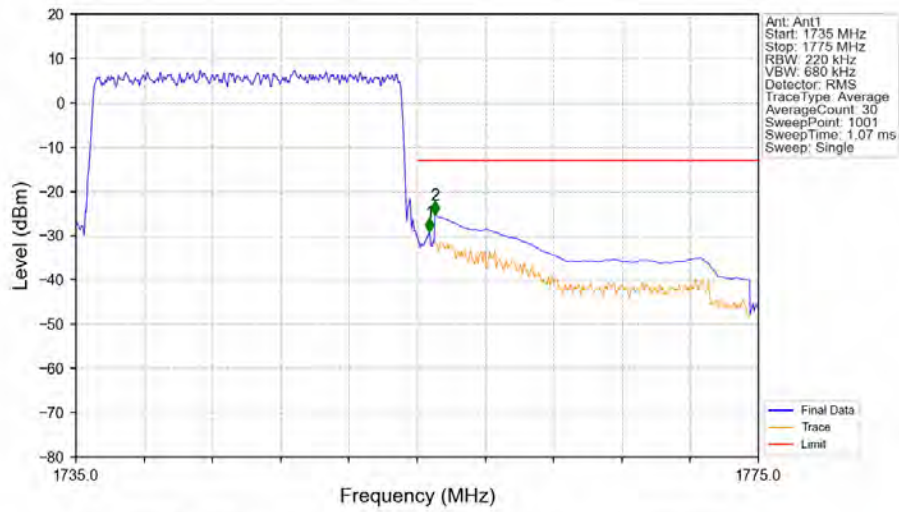


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



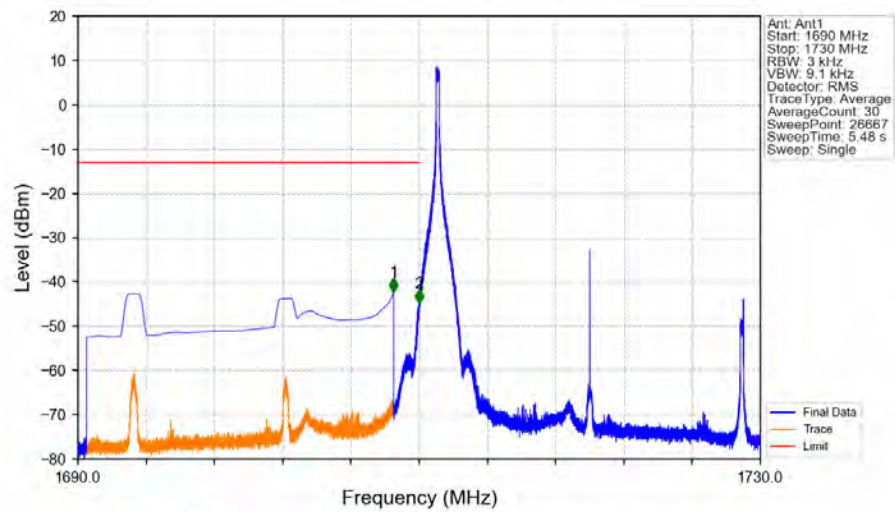
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.016	-43.82	-13	Pass
1756	1775	1	CHP	2	1756.001	-35.08	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV

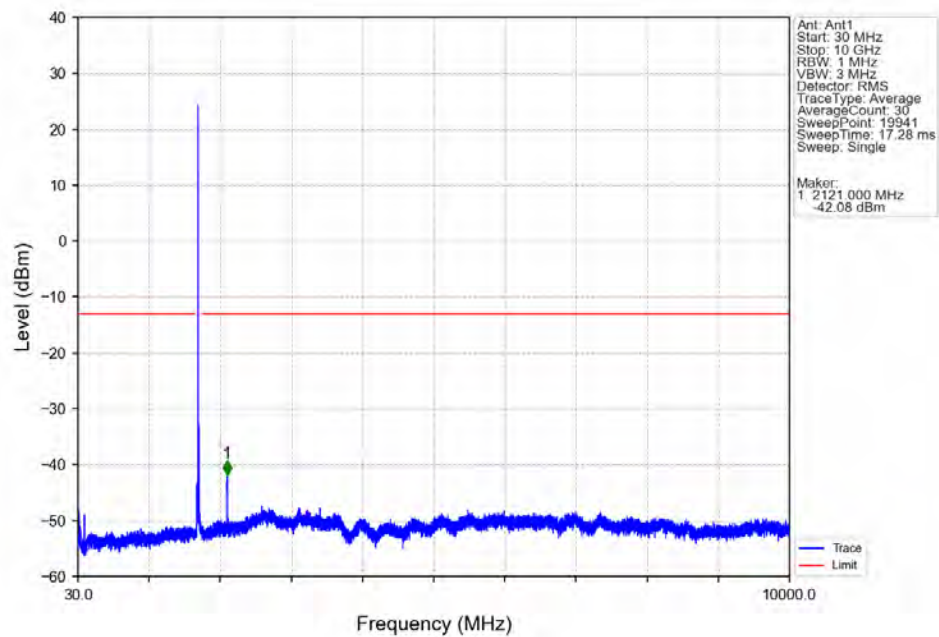


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.720	-29.14	-13	Pass
1756	1775	1	CHP	2	1756.040	-25.30	-13	Pass

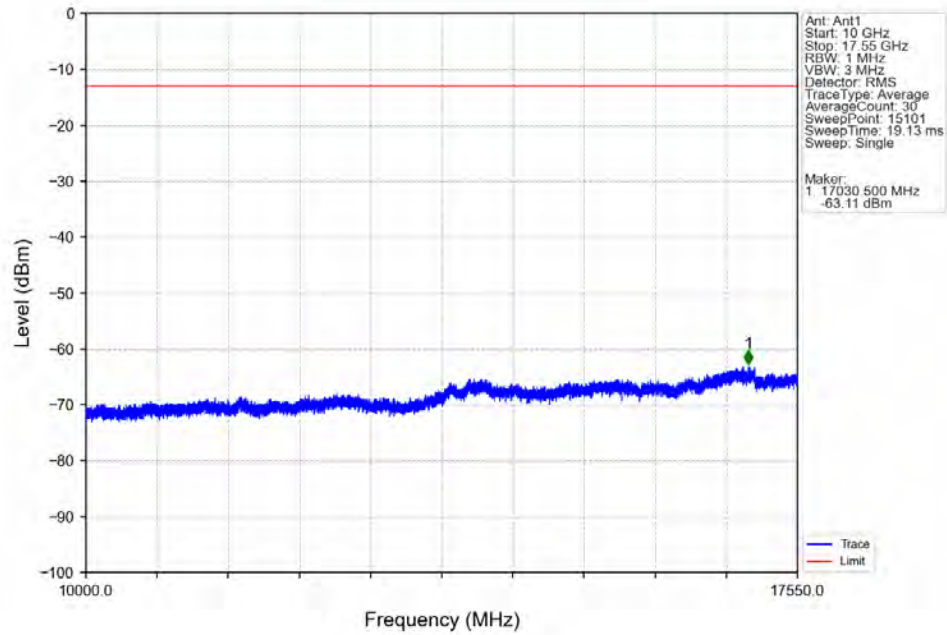
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



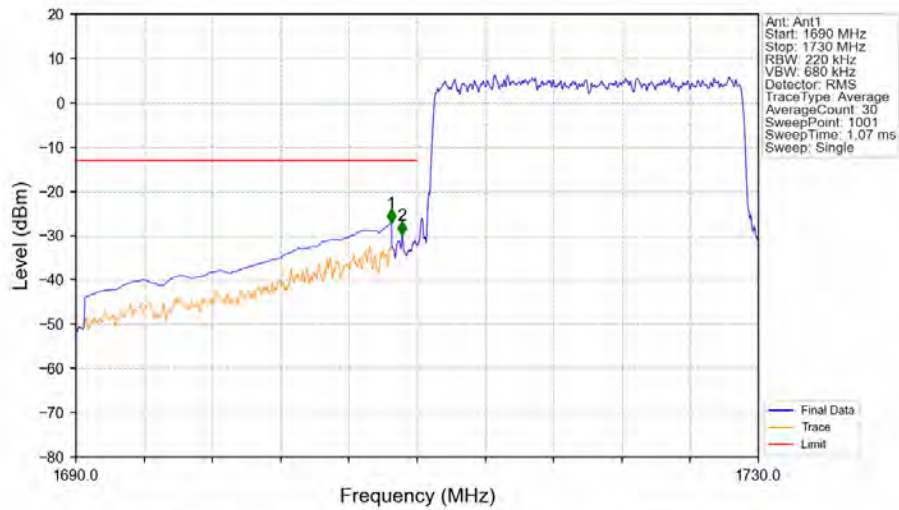
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



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

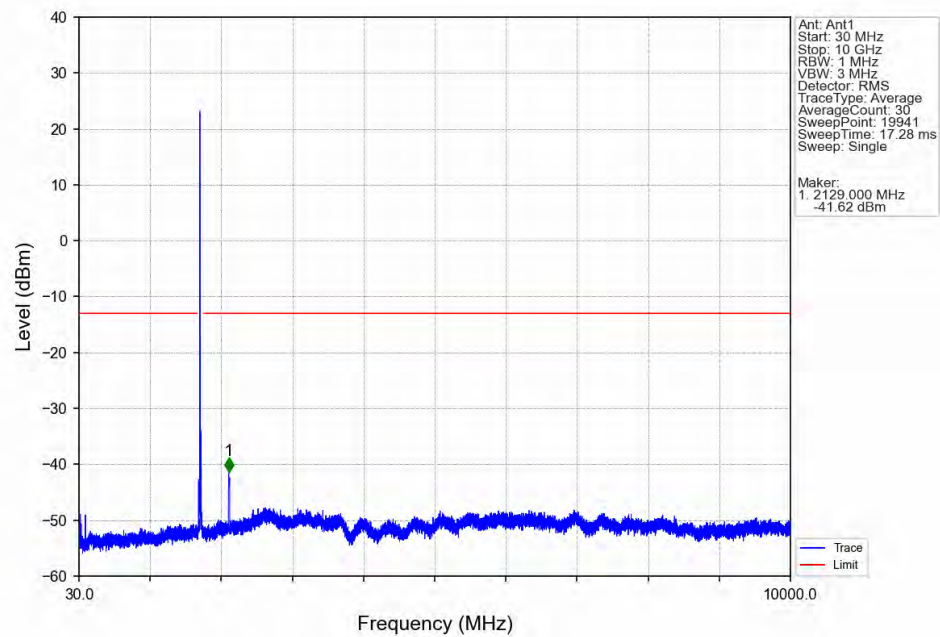


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

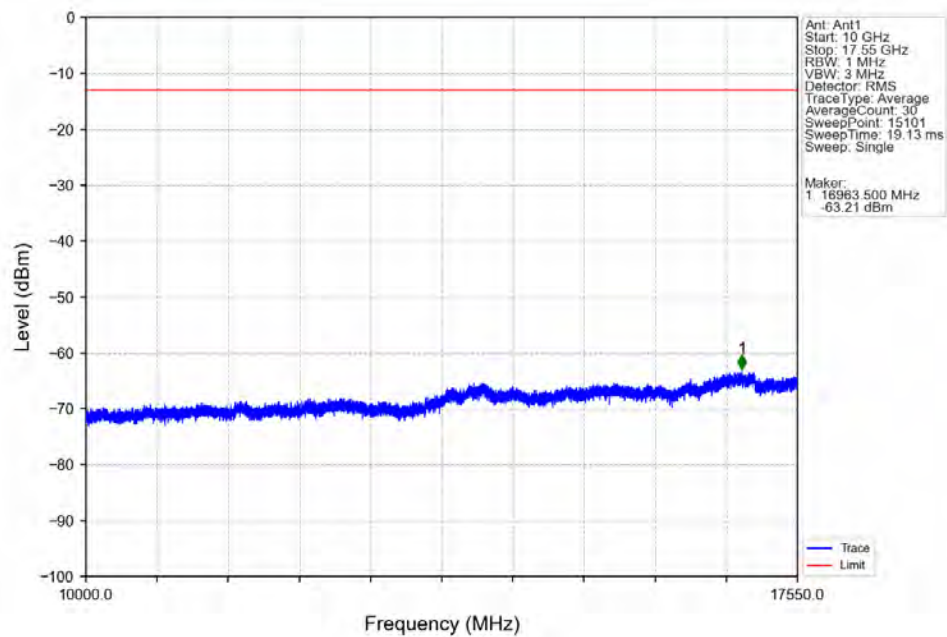


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-27.07	-13	Pass
1709	1710	0.22	/	2	1709.120	-29.91	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

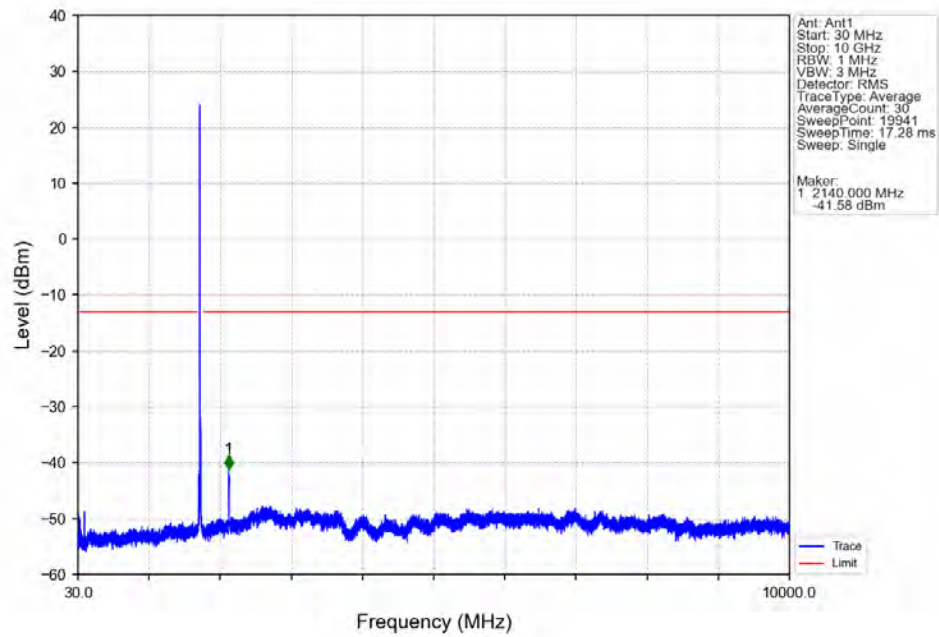
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



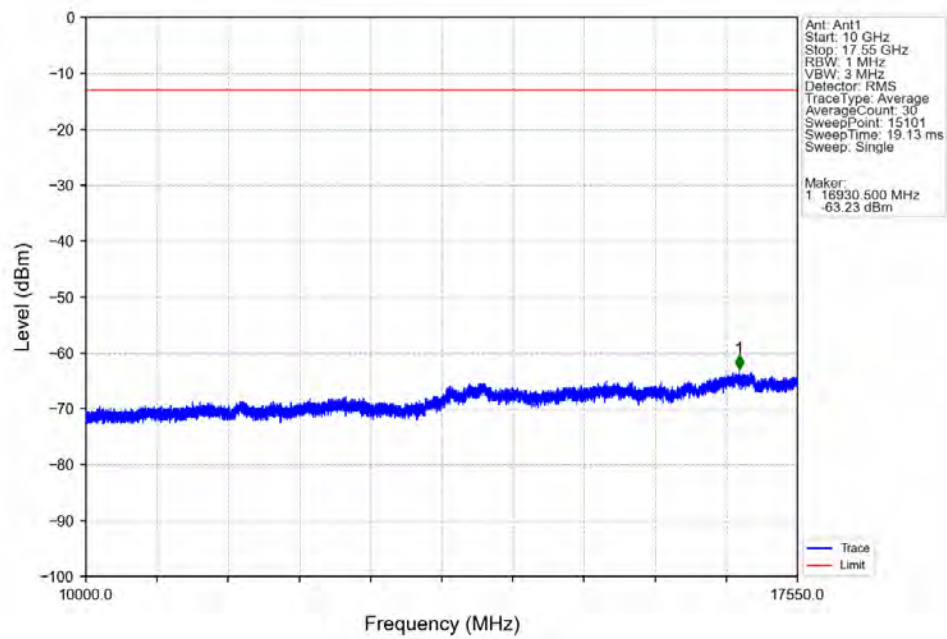
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



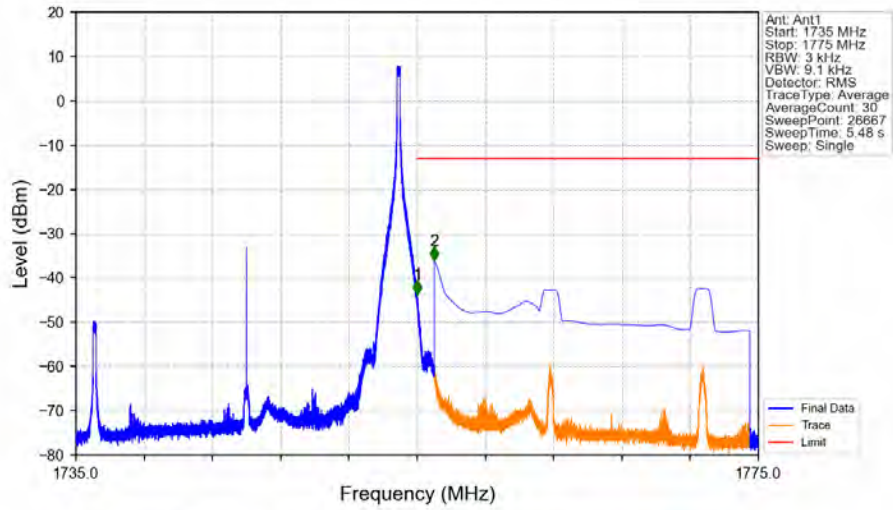
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



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

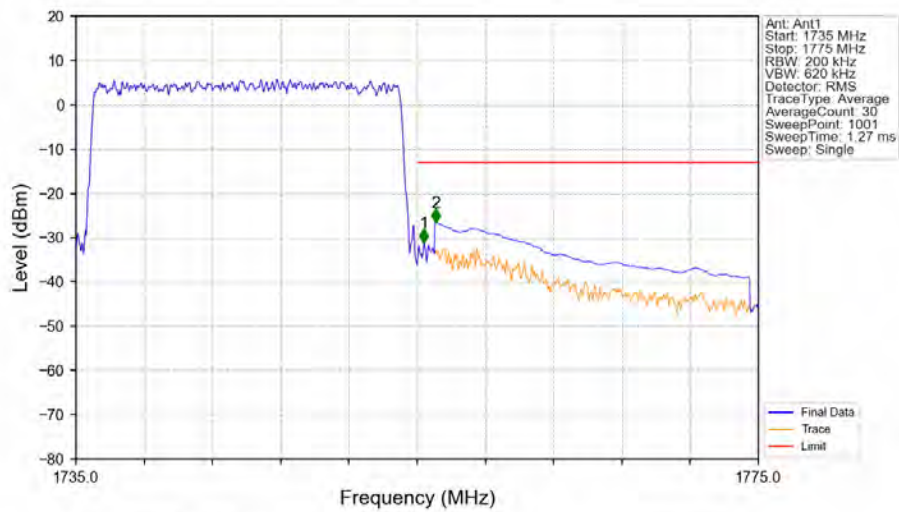


Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



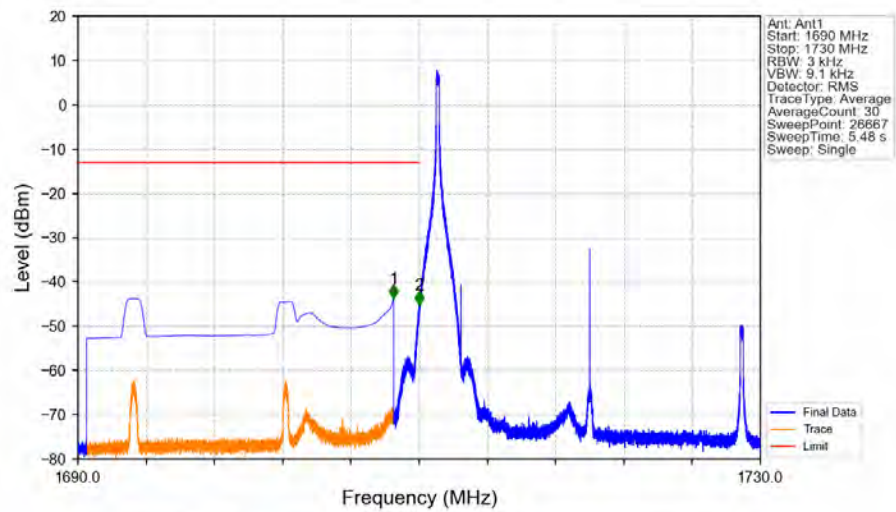
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-43.66	-13	Pass
1756	1775	1	CHP	2	1756.001	-36.03	-13	Pass

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



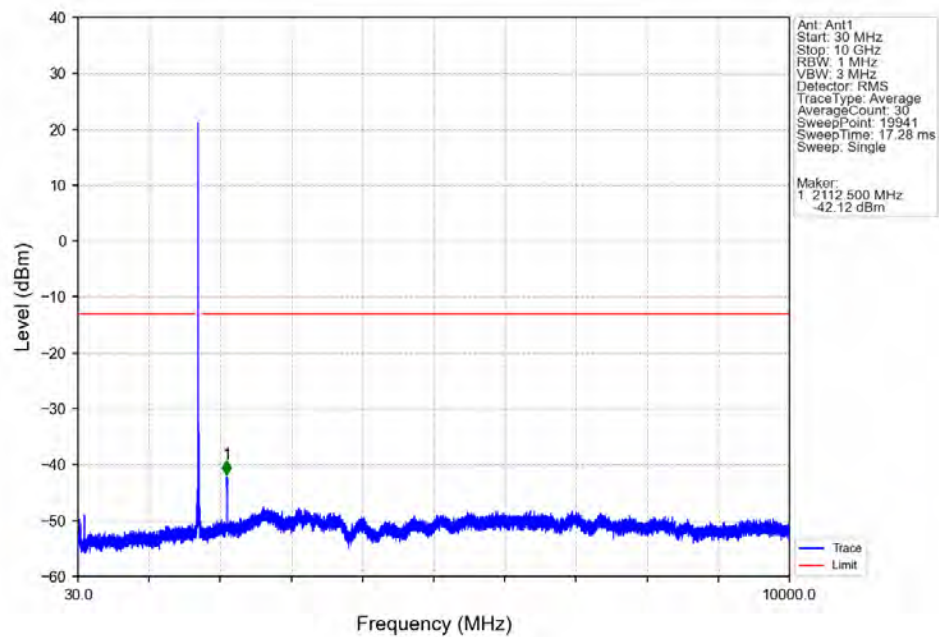
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.400	-31.15	-13	Pass
1756	1775	1	CHP	2	1756.080	-26.52	-13	Pass

Band4 20MHz 64QAM LCH 1720MHz RB 1 0 NTNV

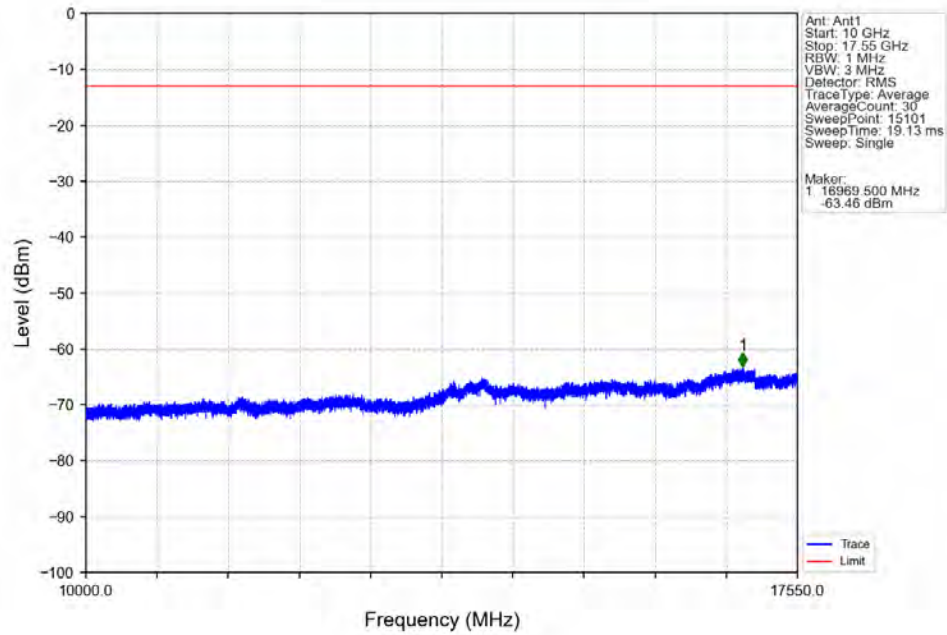


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-43.70	-13	Pass
1709	1710	0.003	/	2	1709.993	-45.14	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

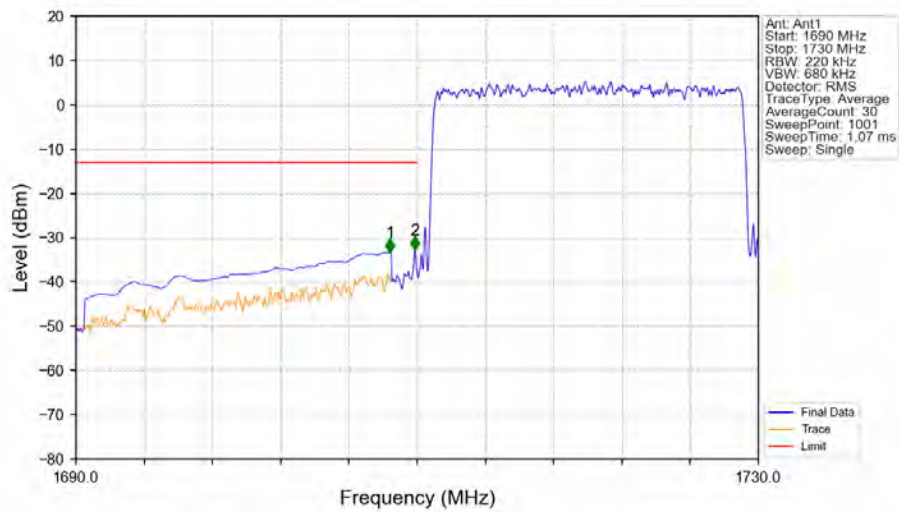
Band4 20MHz 64QAM LCH 1720MHz RB 1 0 NTNV



Band4 20MHz 64QAM LCH 1720MHz RB 1 0 NTNV

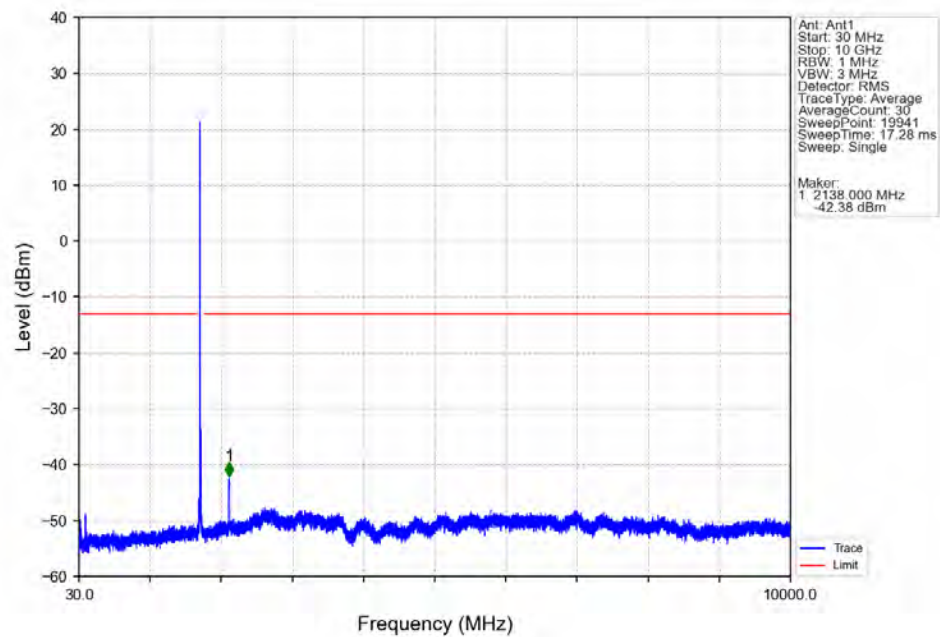


Band4 20MHz 64QAM LCH 1720MHz RB 100 0 NTNV

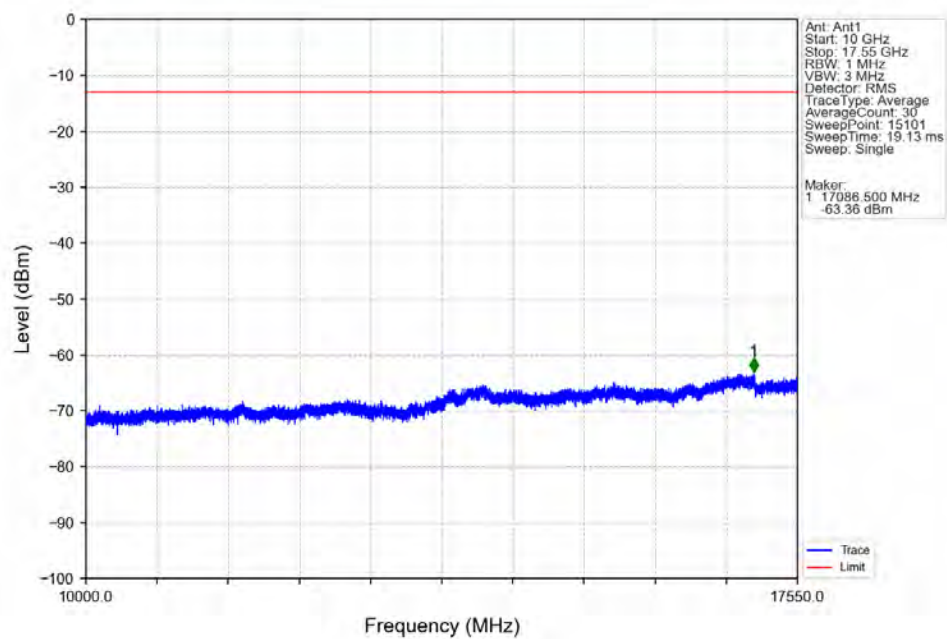


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-33.39	-13	Pass
1709	1710	0.22	/	2	1709.880	-32.83	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

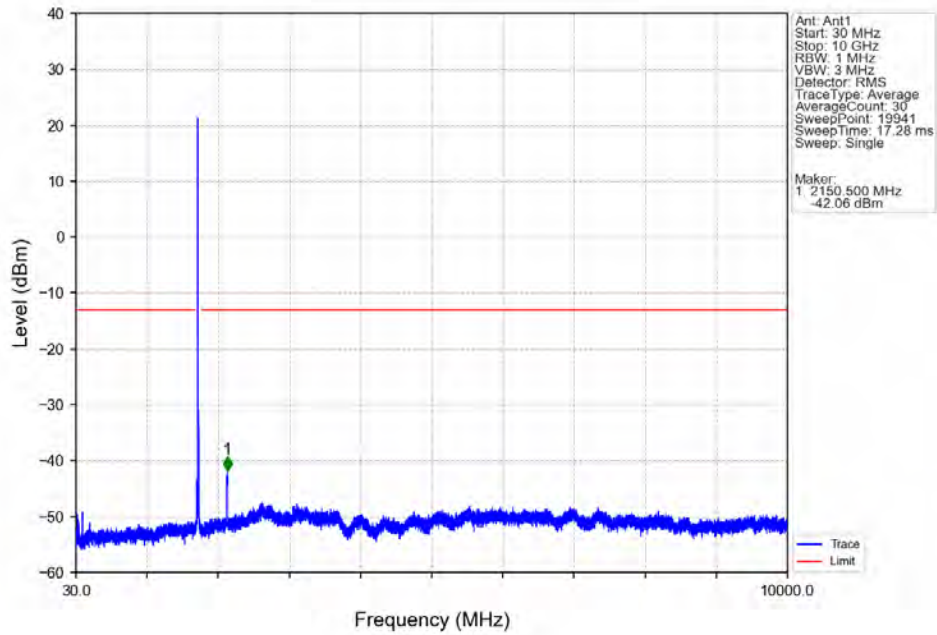
Band4 20MHz 64QAM MCH 1732.5MHz RB 1 0 NTNV



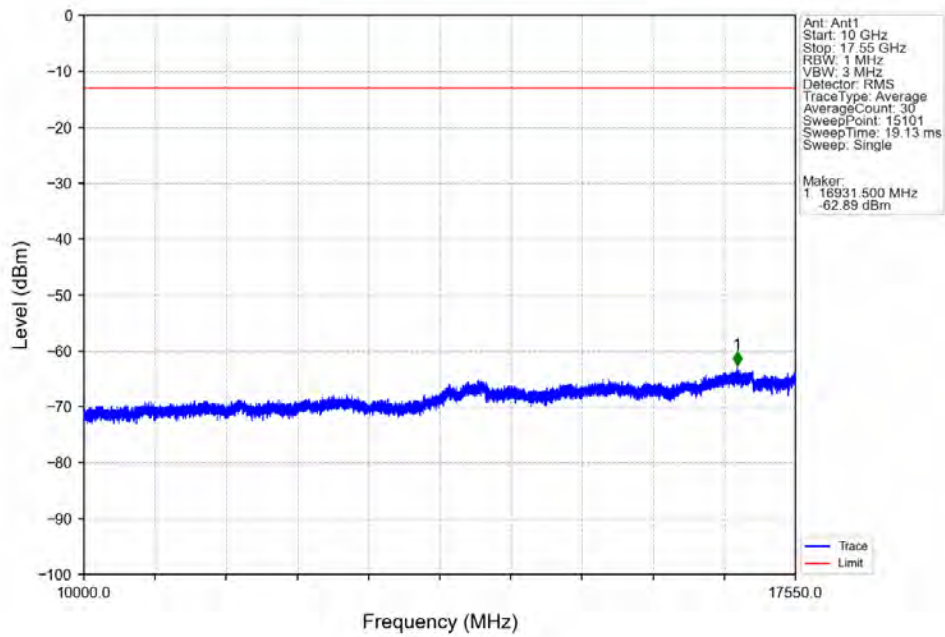
Band4 20MHz 64QAM MCH 1732.5MHz RB 1 0 NTNV



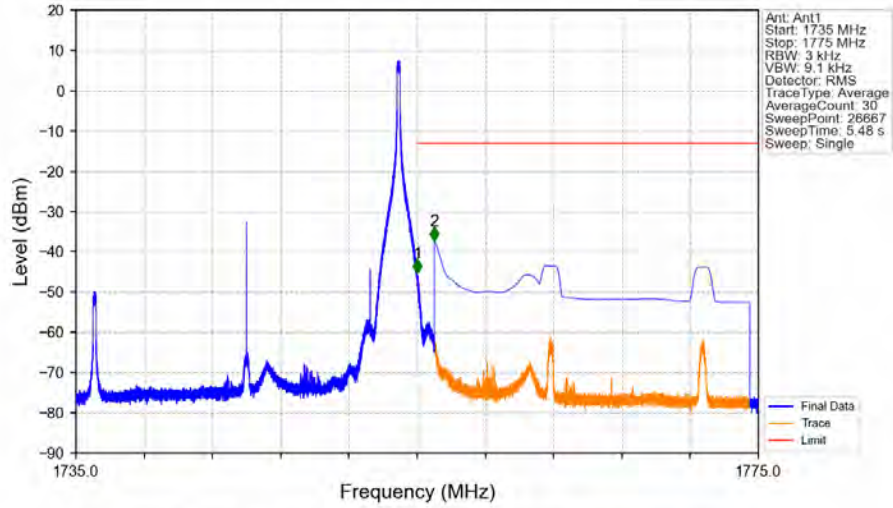
Band4 20MHz 64QAM HCH 1745MHz RB 1 0 NTNV



Band4 20MHz 64QAM HCH 1745MHz RB 1 0 NTNV

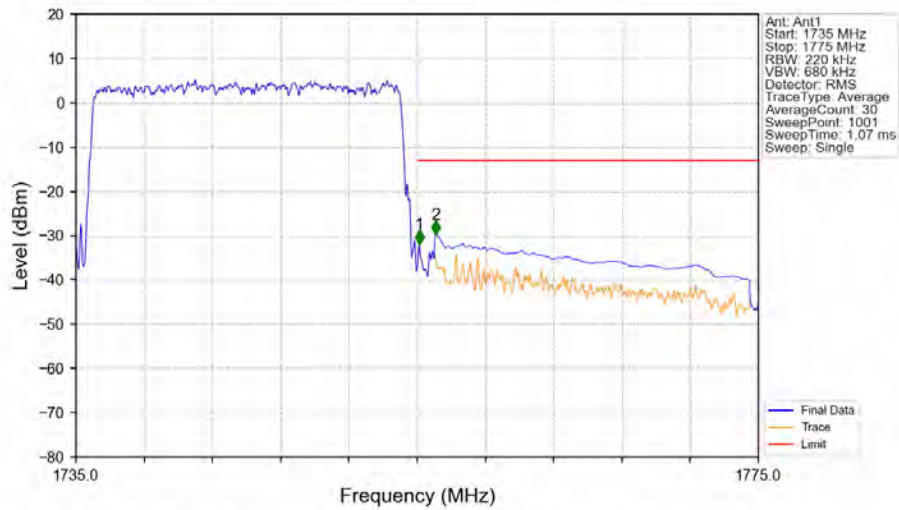


Band4 20MHz 64QAM HCH 1745MHz RB 1 99 NTNV



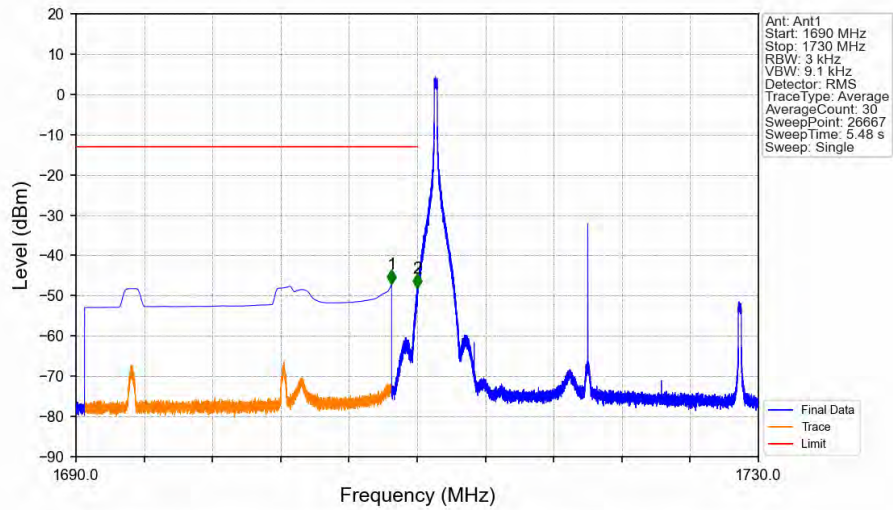
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-45.20	-13	Pass
1756	1775	1	CHP	2	1756.001	-37.32	-13	Pass

Band4 20MHz 64QAM HCH 1745MHz RB 100 0 NTNV



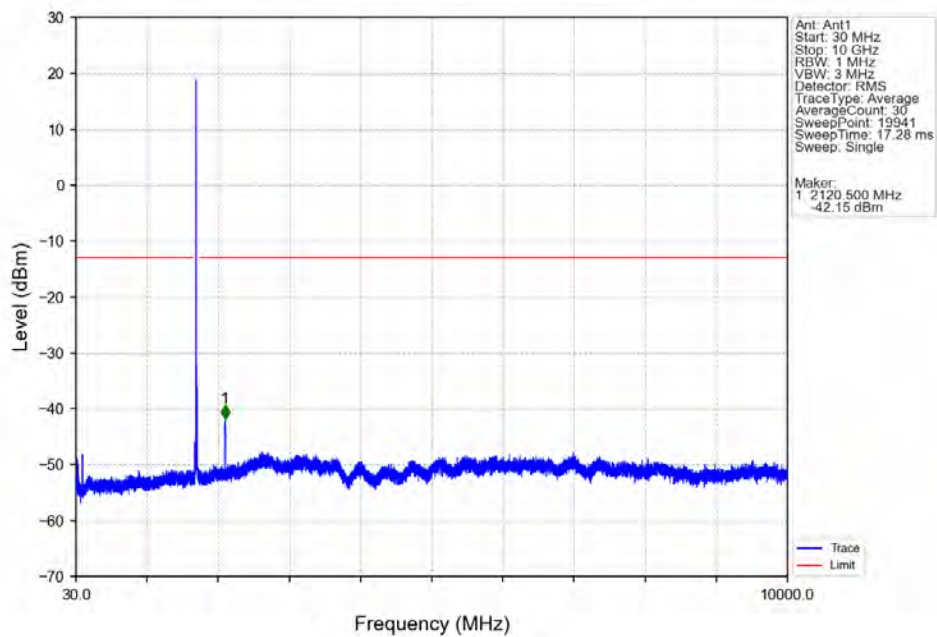
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.120	-31.92	-13	Pass
1756	1775	1	CHP	2	1756.080	-29.70	-13	Pass

Band4 20MHz 256QAM LCH 1720MHz RB 1 0 NTNV

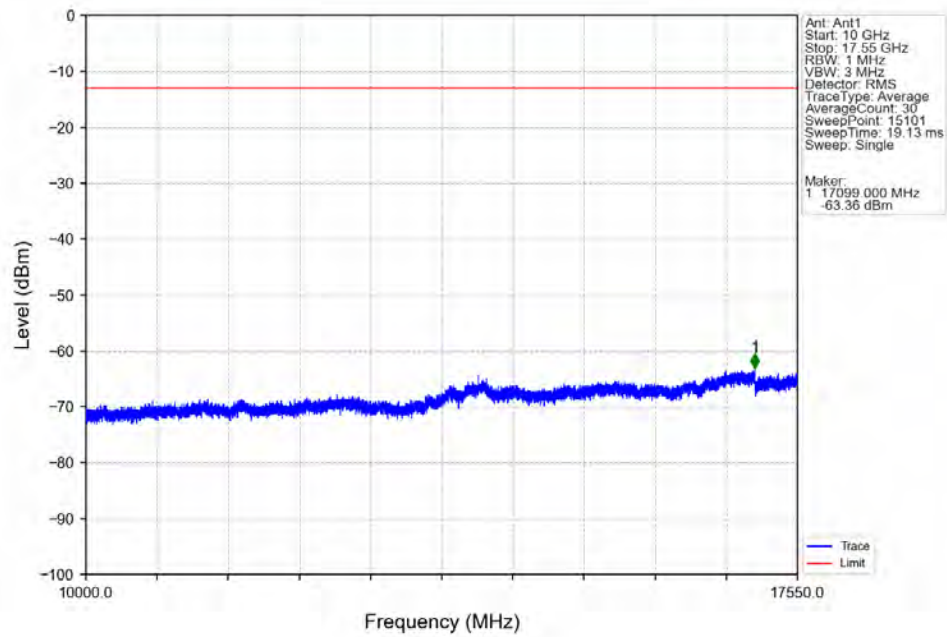


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-47.10	-13	Pass
1709	1710	0.003	/	2	1709.994	-48.06	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

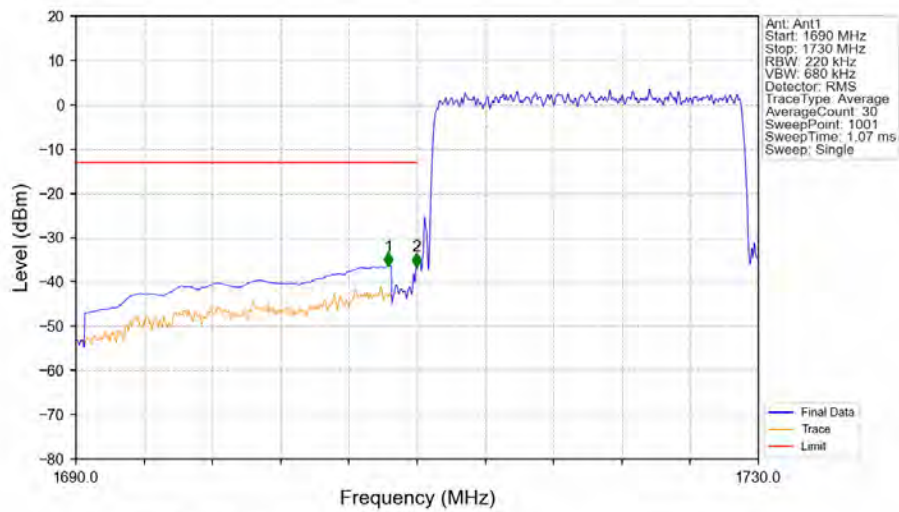
Band4 20MHz 256QAM LCH 1720MHz RB 1 0 NTNV



Band4 20MHz 256QAM LCH 1720MHz RB 1 0 NTNV

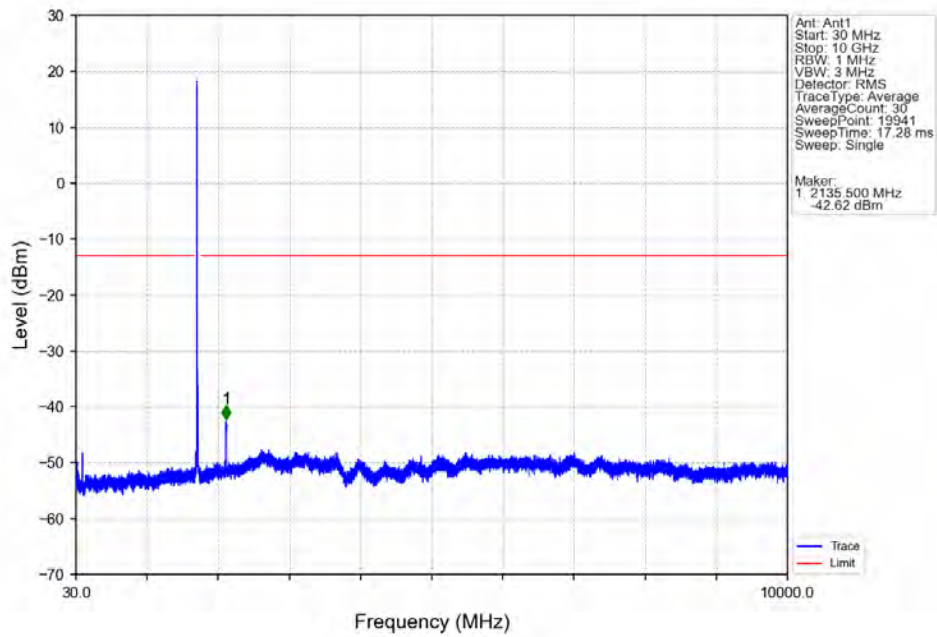


Band4 20MHz 256QAM LCH 1720MHz RB 100 0 NTNV

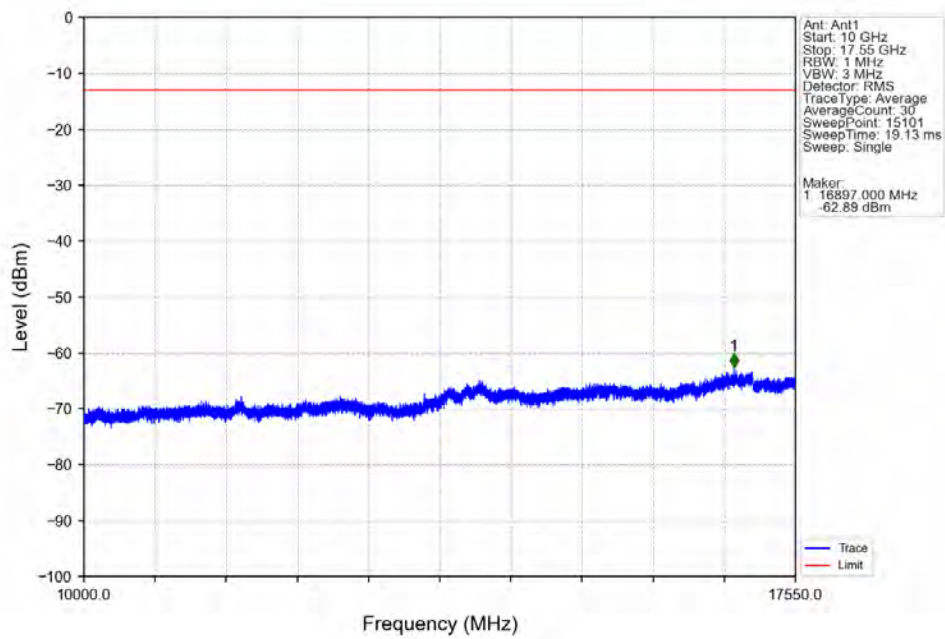


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.320	-36.35	-13	Pass
1709	1710	0.22	/	2	1709.960	-36.51	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

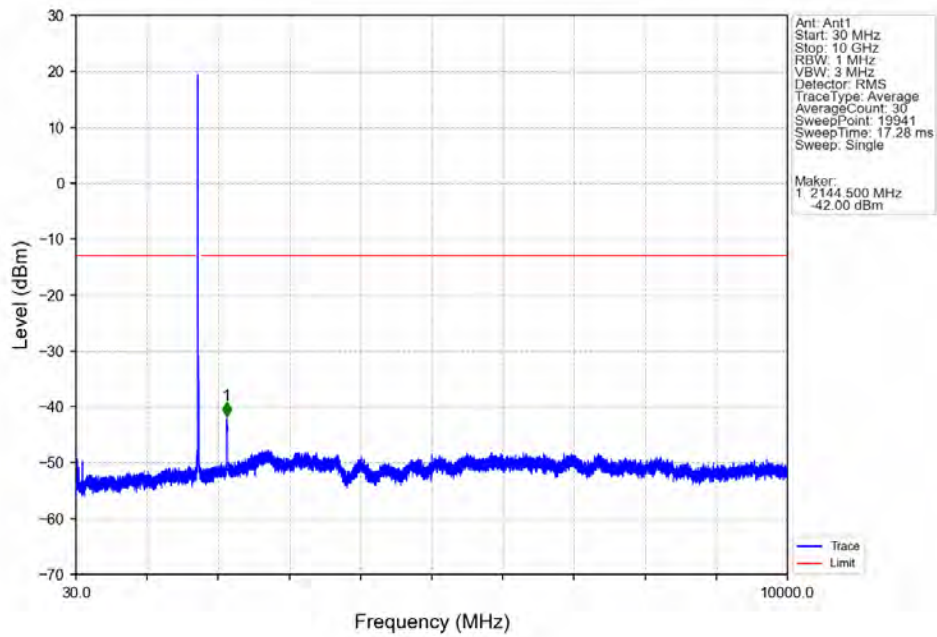
Band4 20MHz 256QAM MCH 1732.5MHz RB 1 0 NTNV



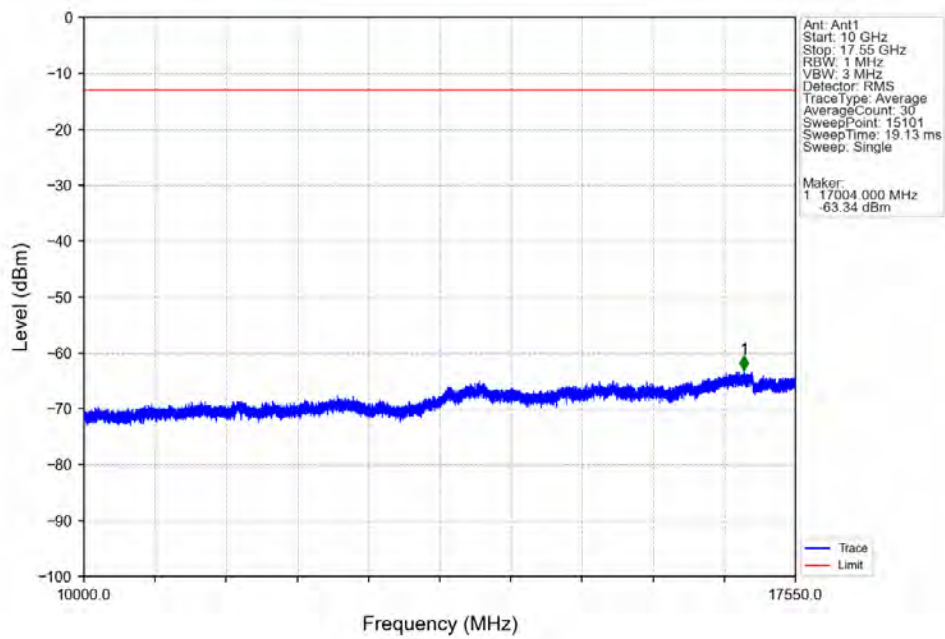
Band4 20MHz 256QAM MCH 1732.5MHz RB 1 0 NTNV



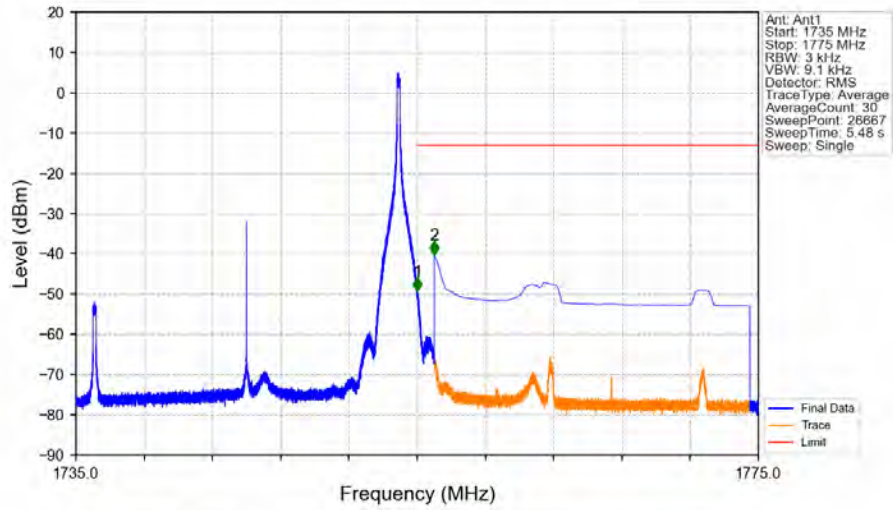
Band4 20MHz 256QAM HCH 1745MHz RB 1 0 NTV



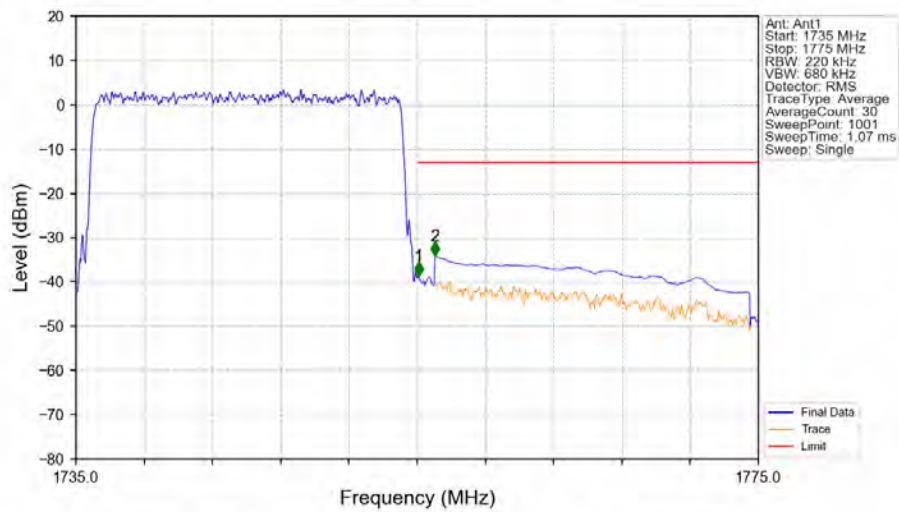
Band4 20MHz 256QAM HCH 1745MHz RB 1 0 NTV



Band4 20MHz 256QAM HCH 1745MHz RB 1 99 NTNV



Band4 20MHz 256QAM HCH 1745MHz RB 100 0 NTNV



6. Field Strength of Spurious Radiation

LTE Band 4 ANT2-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-65.99	-13	-52.99	-70.61	3.36	7.98	Horizontal	Pass
5133.0	-62.77	-13	-49.77	-68.38	4.61	10.22	Horizontal	Pass
6844.0	-60.88	-13	-47.88	-66.91	4.9	10.93	Horizontal	Pass
3422.0	-66.57	-13	-53.57	-71.19	3.36	7.98	Vertical	Pass
5133.0	-61.94	-13	-48.94	-67.55	4.61	10.22	Vertical	Pass
6844.0	-60.66	-13	-47.66	-66.69	4.9	10.93	Vertical	Pass

LTE Band 4 ANT2-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447.0	-66.35	-13	-53.35	-71.02	3.37	8.04	Horizontal	Pass
5170.5	-62.75	-13	-49.75	-68.38	4.62	10.25	Horizontal	Pass
6894.0	-61.3	-13	-48.3	-67.39	4.9	10.99	Horizontal	Pass
3447.0	-66.14	-13	-53.14	-70.81	3.37	8.04	Vertical	Pass
5170.5	-62.59	-13	-49.59	-68.22	4.62	10.25	Vertical	Pass
6894.0	-61.15	-13	-48.15	-67.24	4.9	10.99	Vertical	Pass

LTE Band 4 ANT2-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-67.18	-13	-54.18	-71.89	3.39	8.1	Horizontal	Pass
5208.0	-63.34	-13	-50.34	-68.97	4.64	10.27	Horizontal	Pass
6944.0	-61.78	-13	-48.78	-67.93	4.91	11.06	Horizontal	Pass
3472.0	-67.29	-13	-54.29	-72.0	3.39	8.1	Vertical	Pass
5208.0	-63.36	-13	-50.36	-68.99	4.64	10.27	Vertical	Pass
6944.0	-61.45	-13	-48.45	-67.6	4.91	11.06	Vertical	Pass