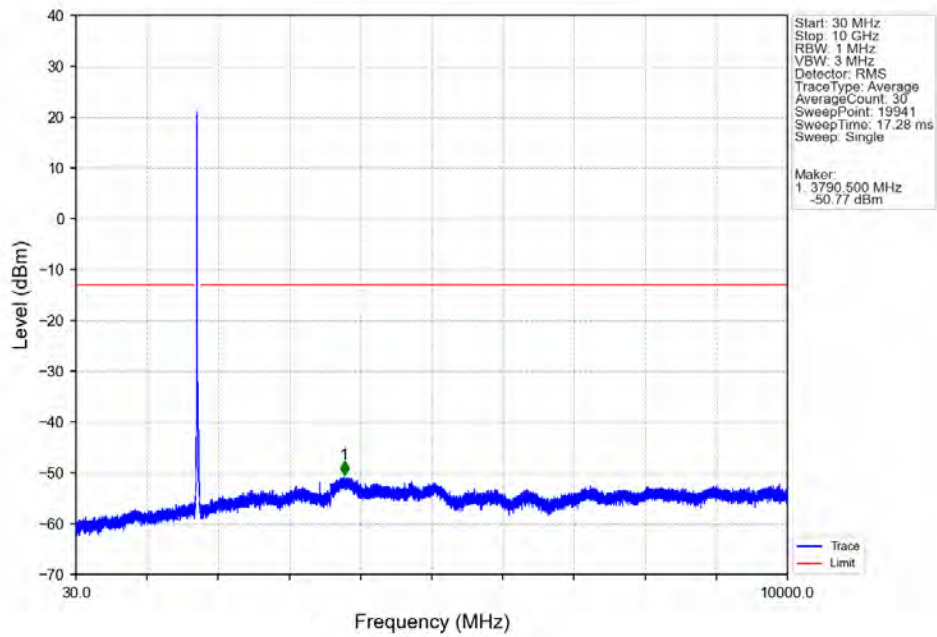
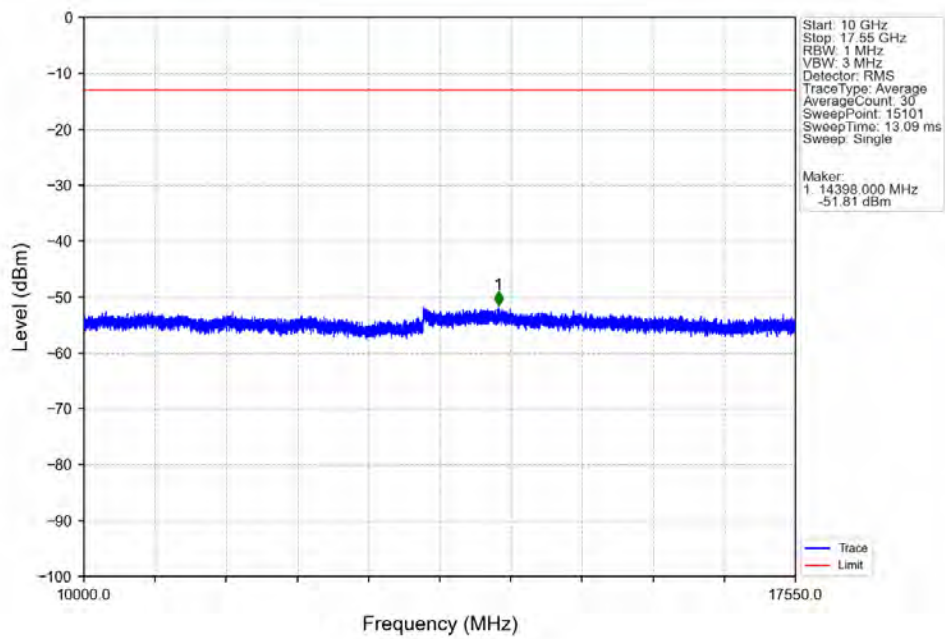


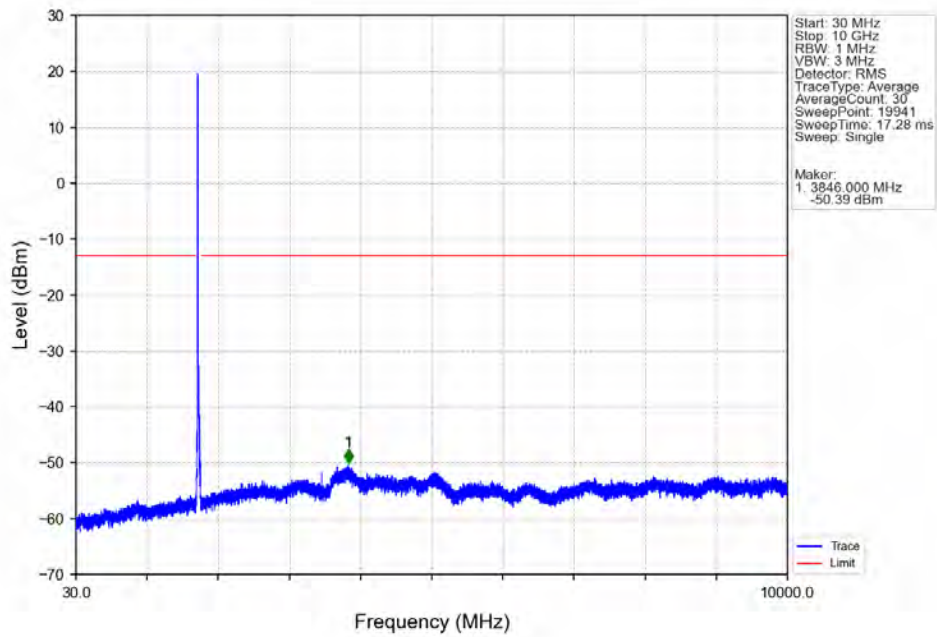
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



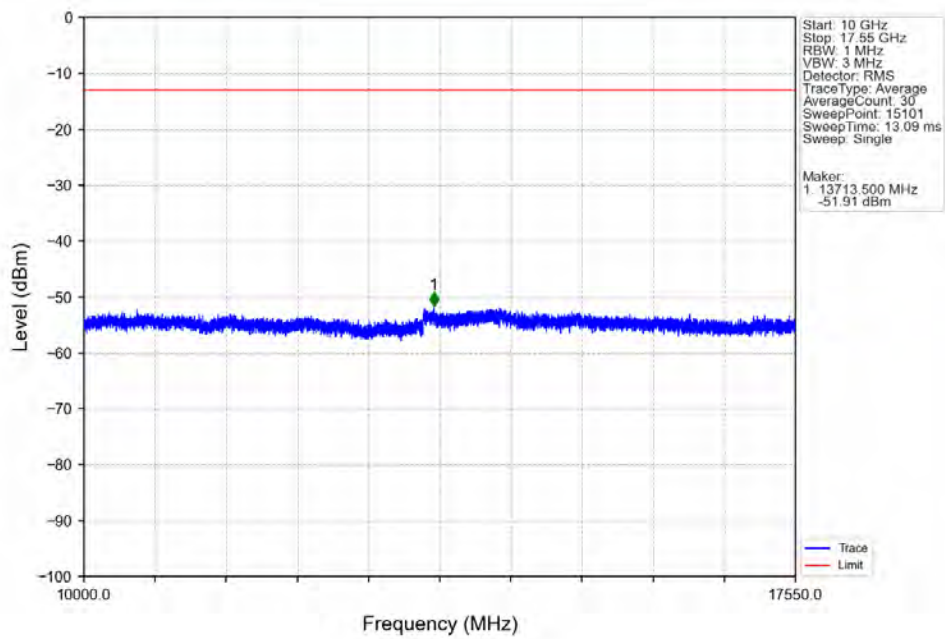
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTV



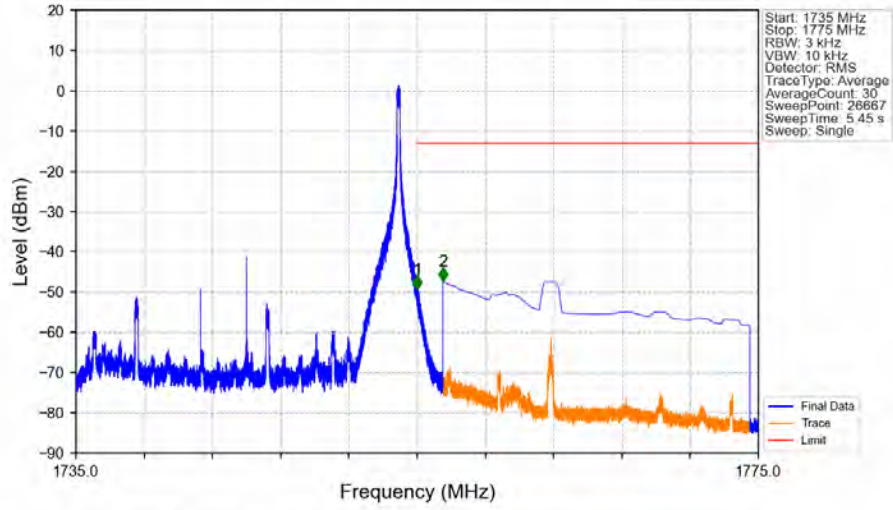
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



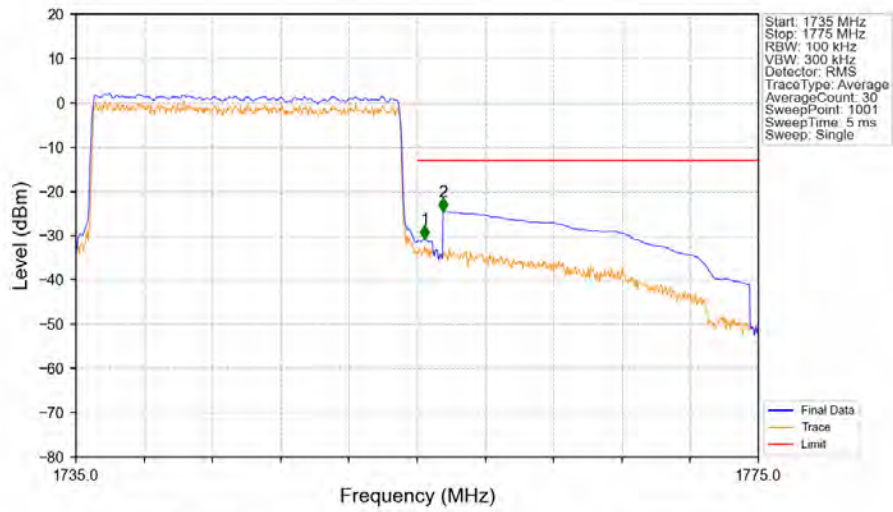
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0 NTN



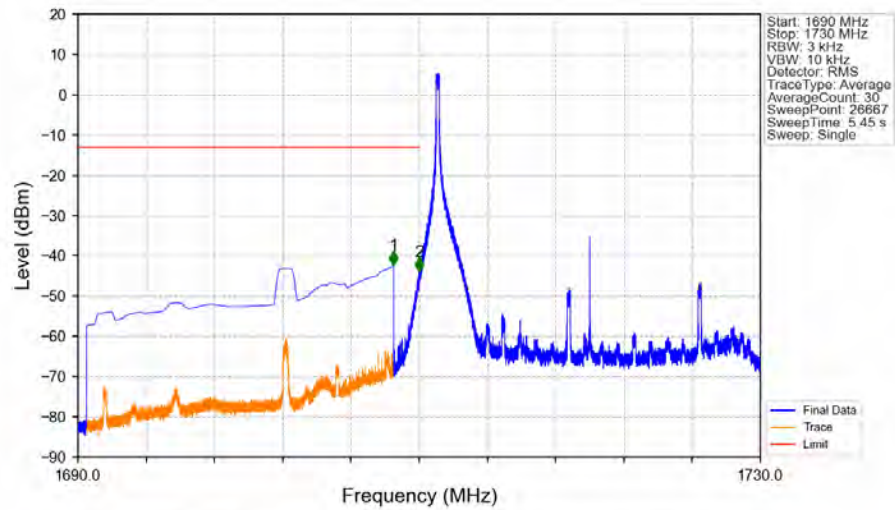
Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV

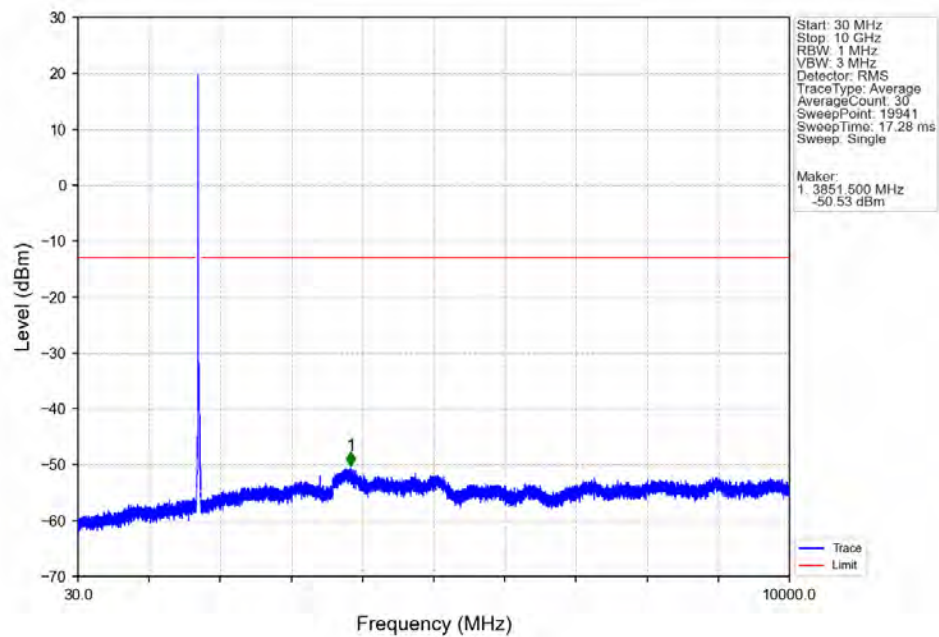


Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

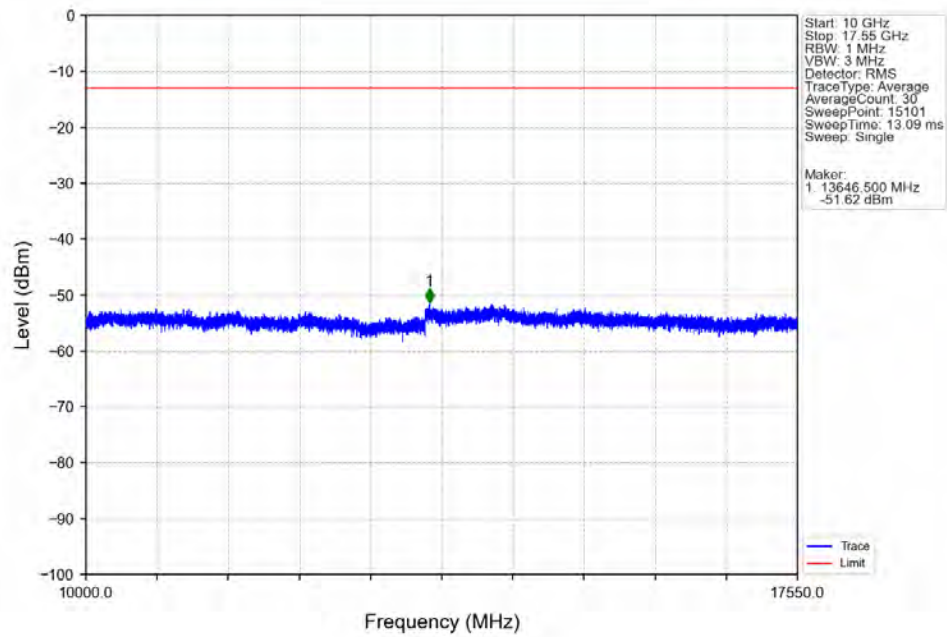


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-42.26	-13	Pass
1709	1710	0.003	/	2	1709.993	-43.89	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

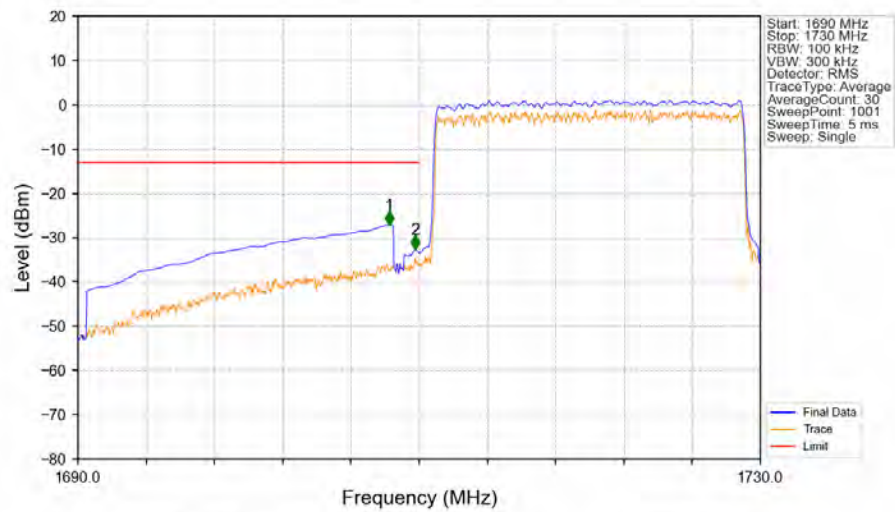
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



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

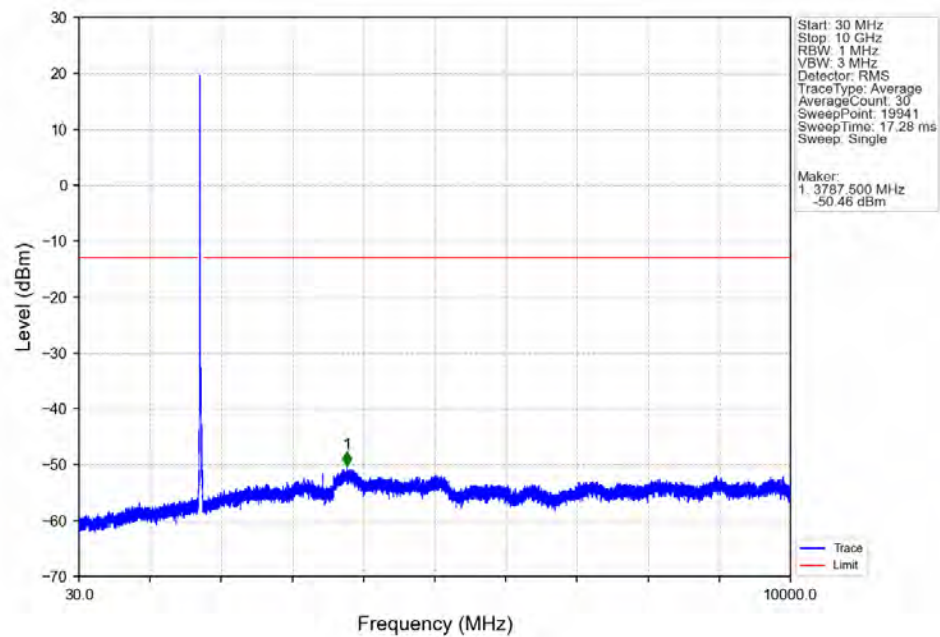


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

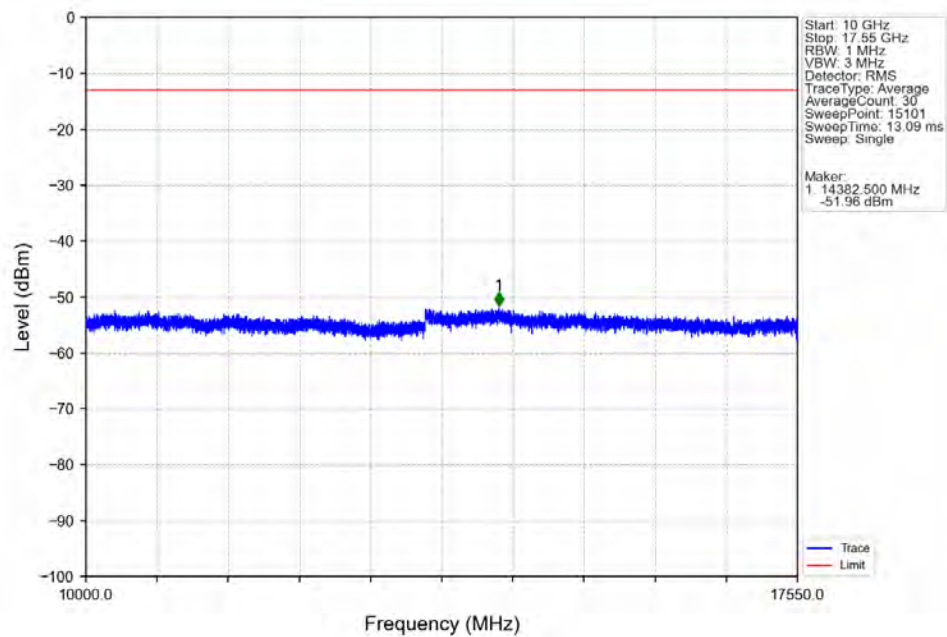


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.240	-27.13	-13	Pass
1709	1710	0.215	CHP	2	1709.760	-32.58	-13	Pass
1710	1730	0.215	CHP	/	/	/	/	/

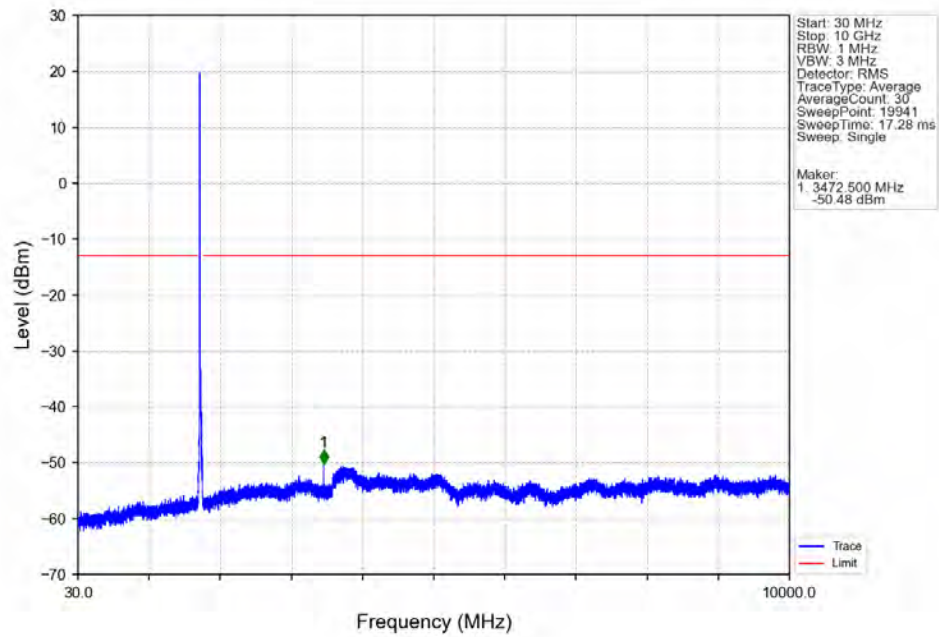
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



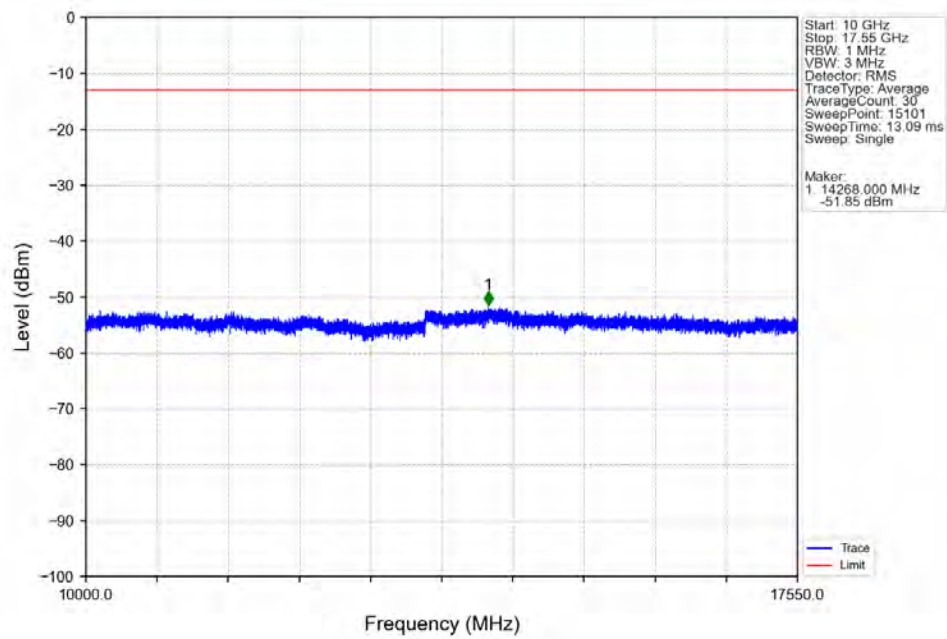
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



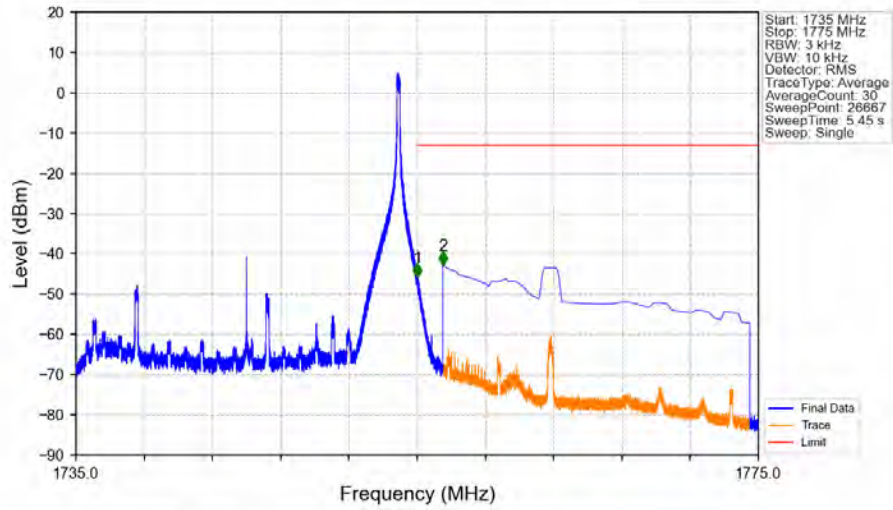
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTV



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

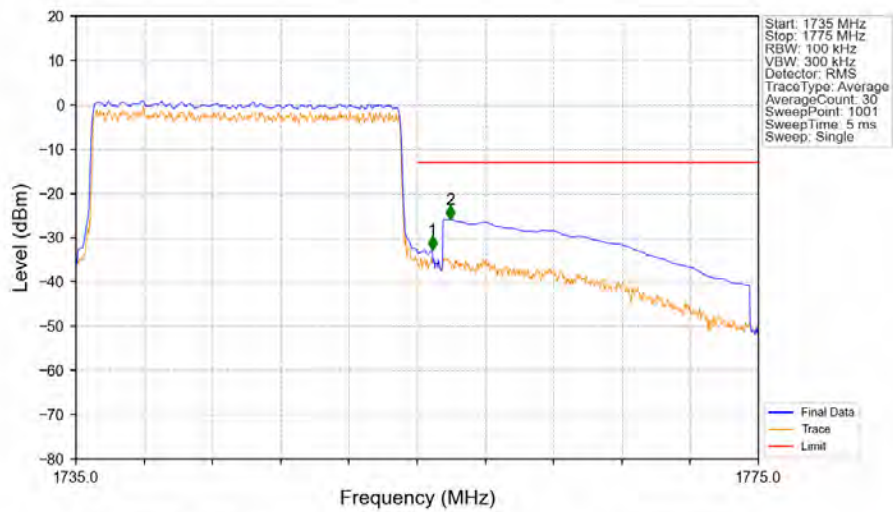


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



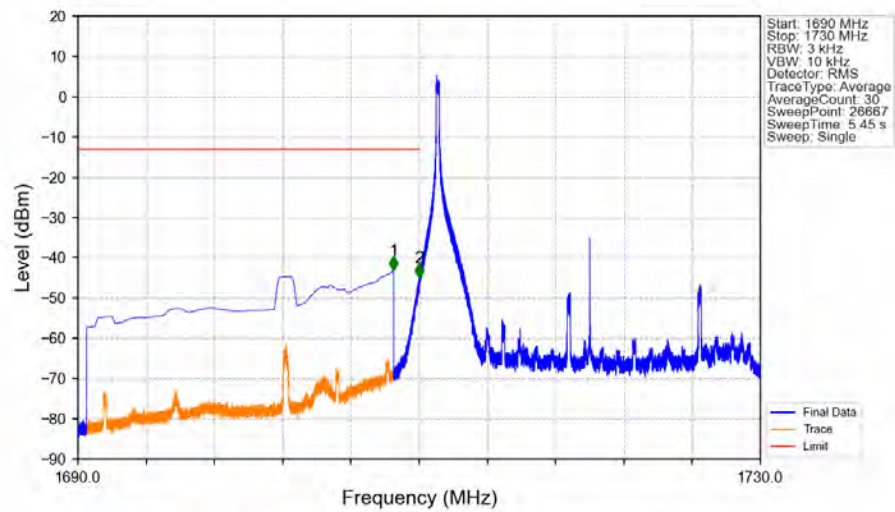
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-45.77	-13	Pass
1756	1775	1	CHP	2	1756.500	-42.93	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

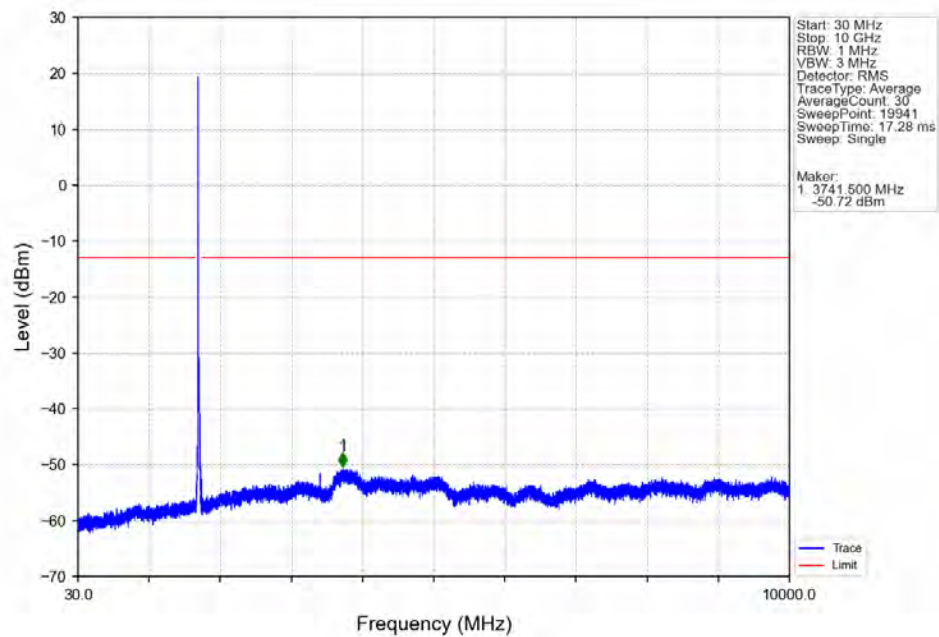


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.197	CHP	/	/	/	/	/
1755	1756	0.197	CHP	1	1755.880	-32.81	-13	Pass
1756	1775	1	CHP	2	1756.960	-25.89	-13	Pass

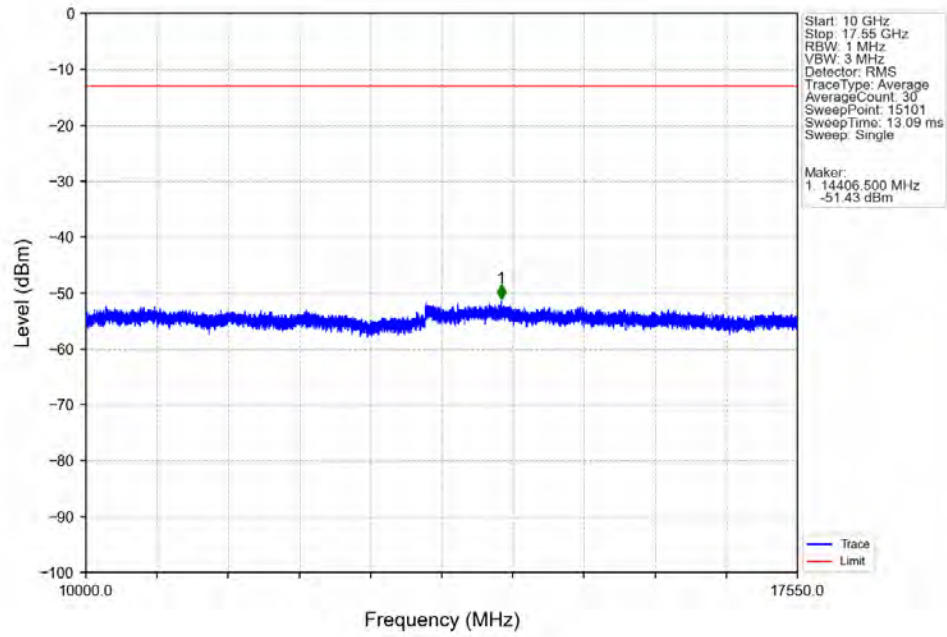
Band4 20MHz 64QAM LCH 1720MHz RB 1 0 NTNV



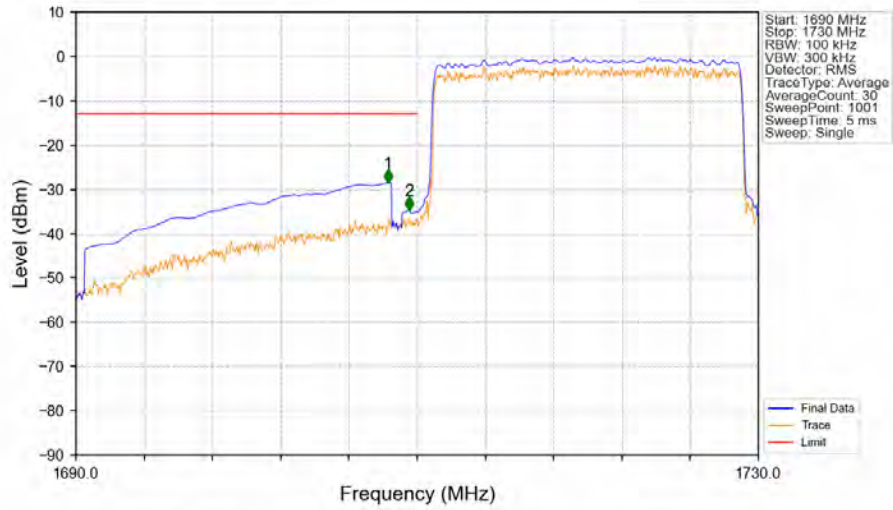
Band4 20MHz 64QAM LCH 1720MHz RB 1 0 NTNV



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

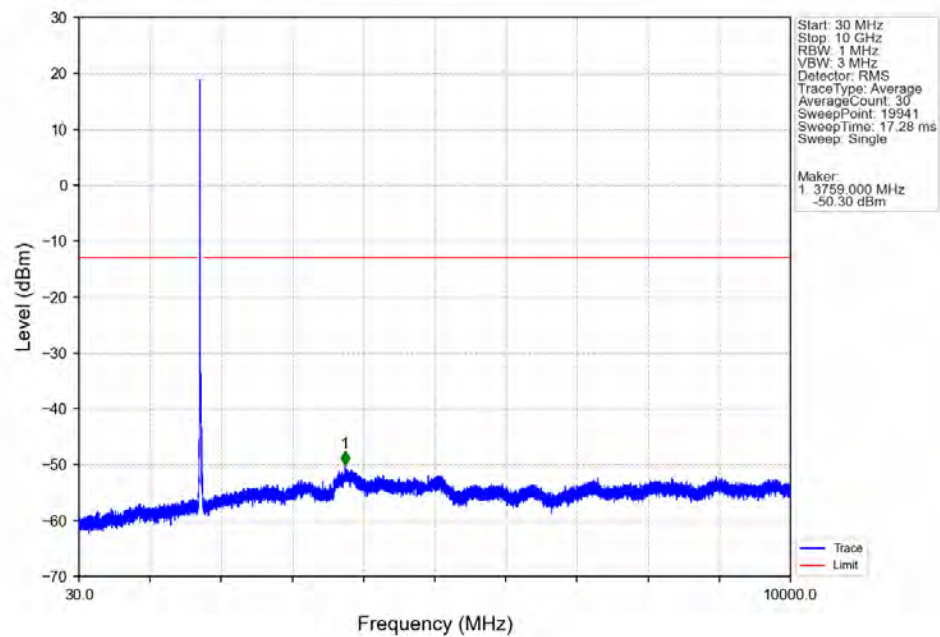


Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV

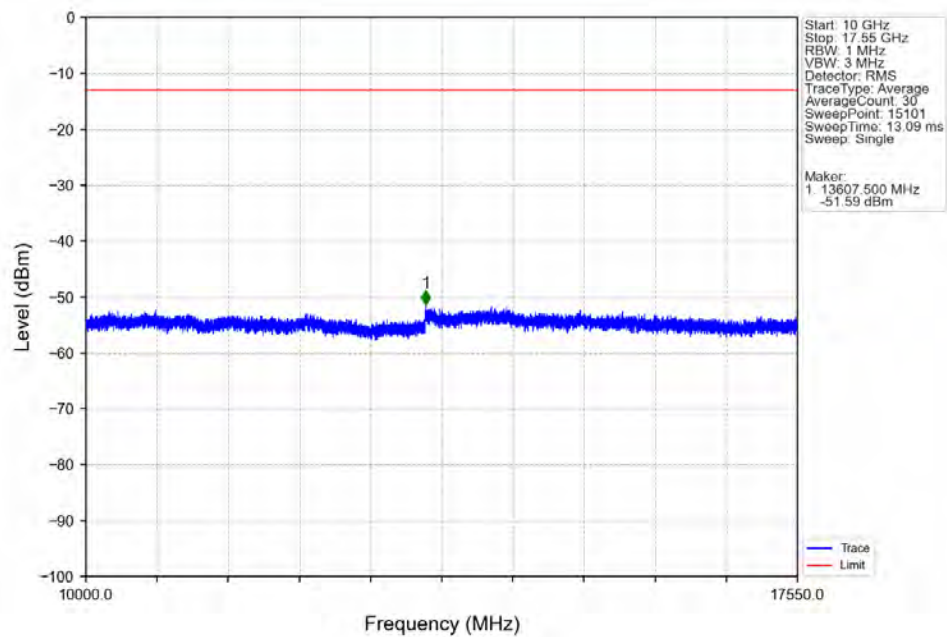


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.280	-28.54	-13	Pass
1709	1710	0.197	CHP	2	1709.520	-34.74	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

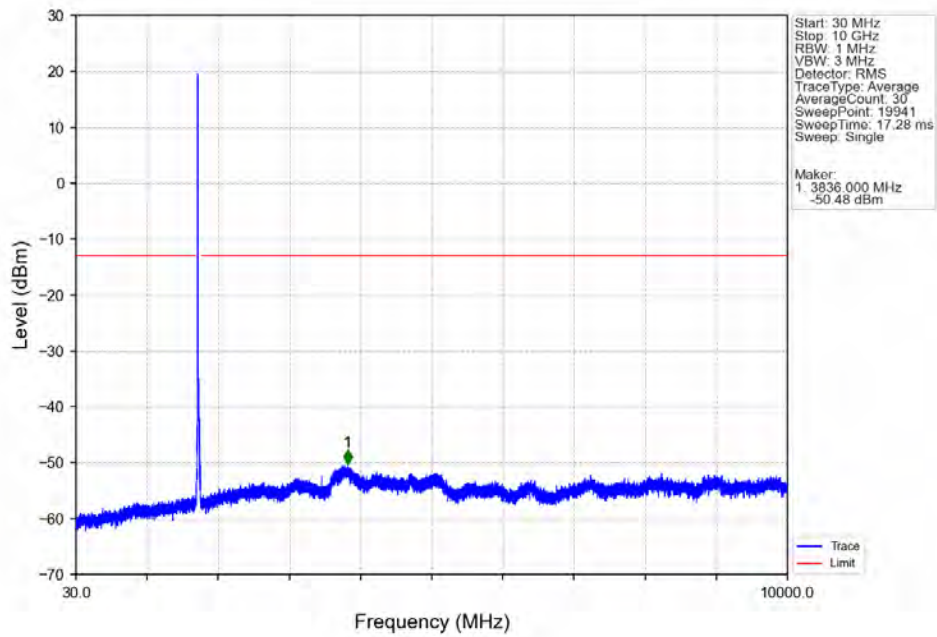
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



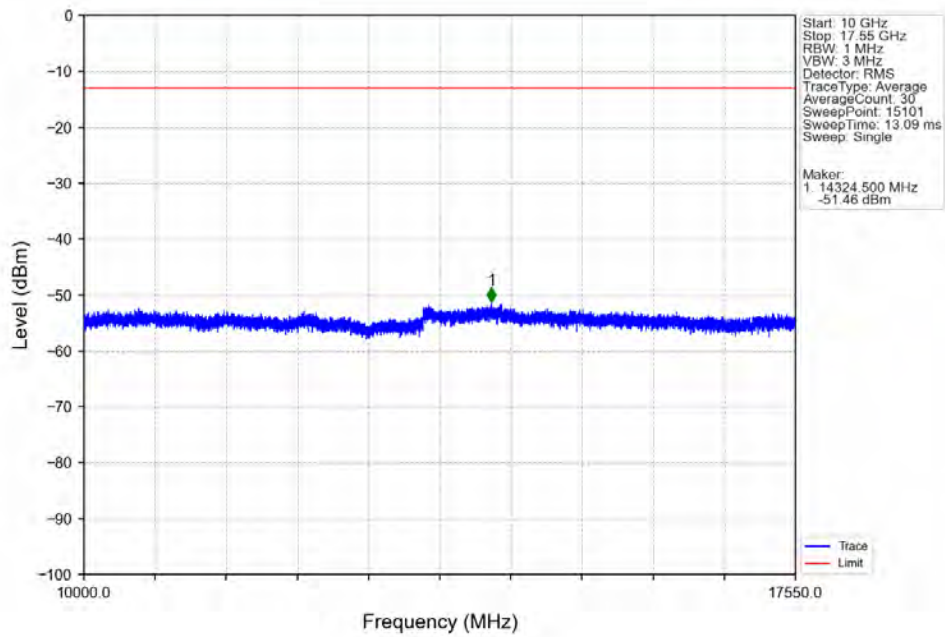
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



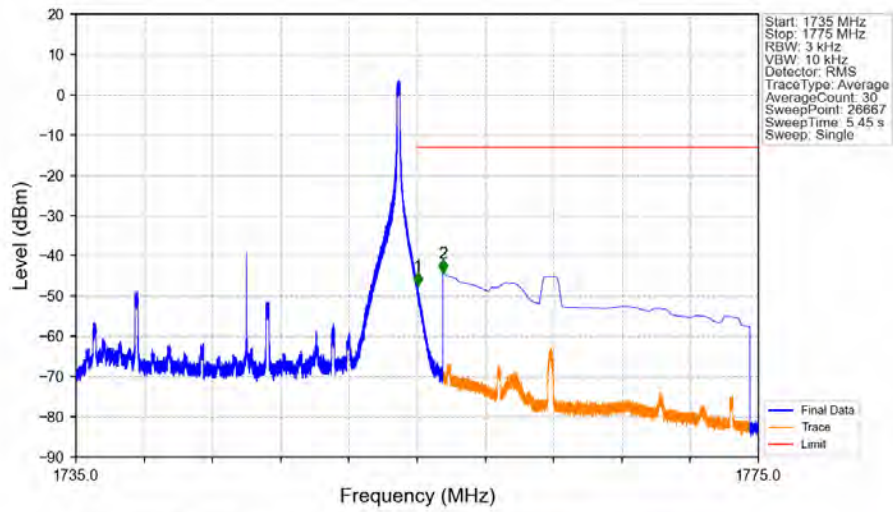
Band4 20MHz 64QAM HCH 1745MHz RB 1 0 NTV



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

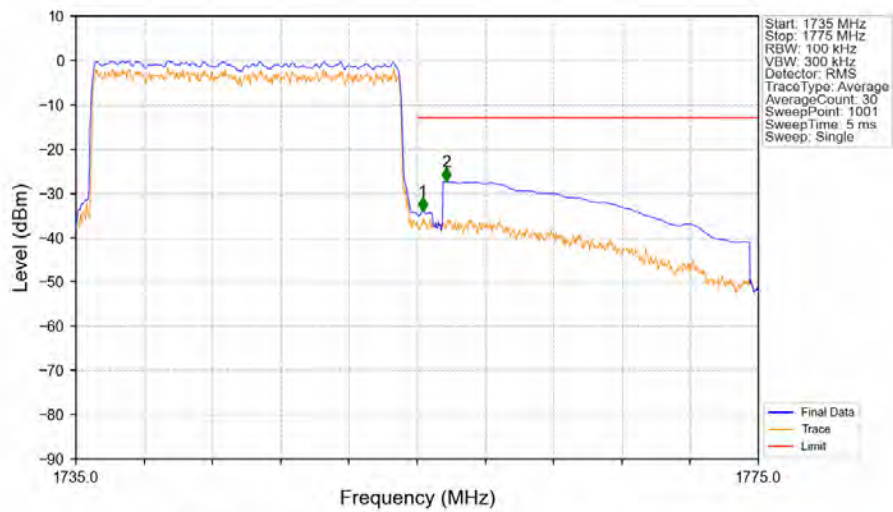


Band4_20MHz_64QAM_HCH_1745MHz_RB_1_99_NTNV



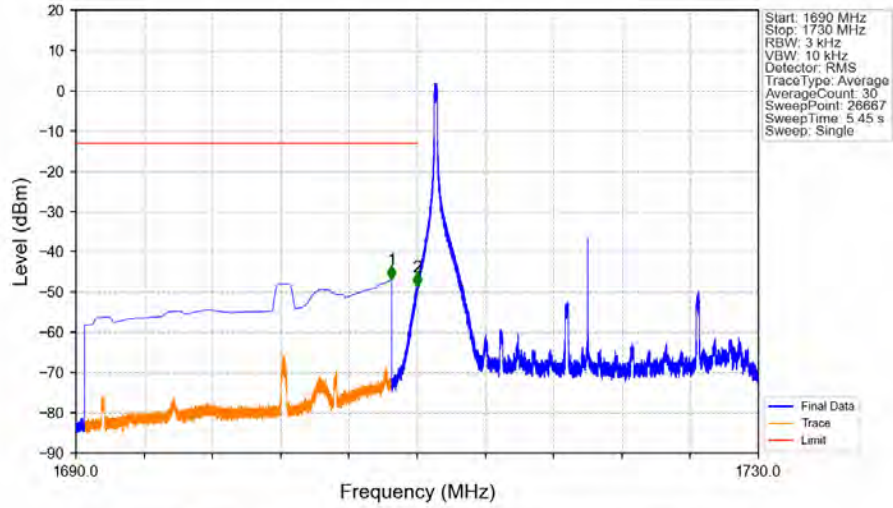
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.024	-47.40	-13	Pass
1756	1775	1	CHP	2	1756.500	-44.19	-13	Pass

Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



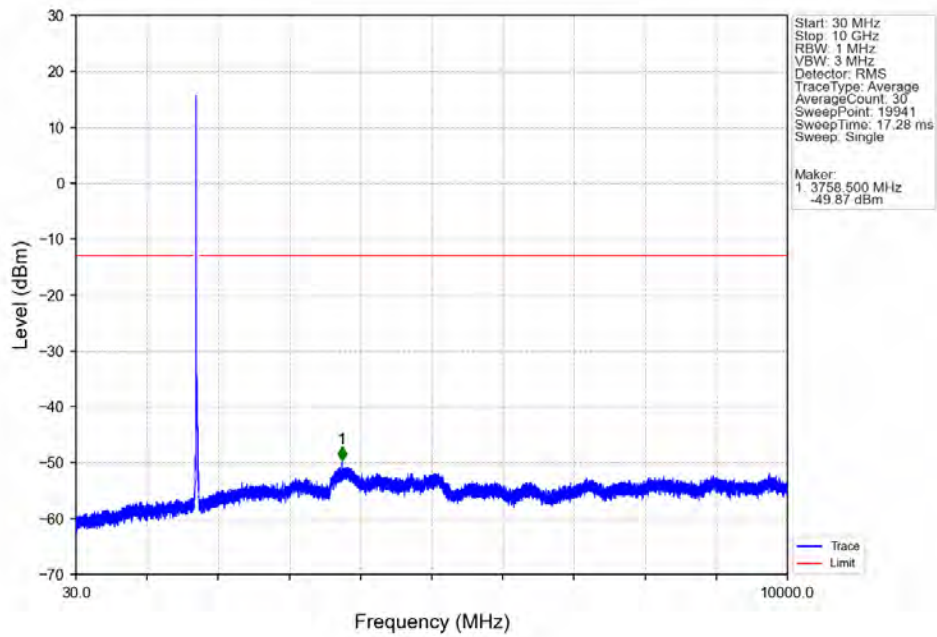
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	CHP	/	/	/	/	/
1755	1756	0.2	CHP	1	1755.320	-33.99	-13	Pass
1756	1775	1	CHP	2	1756.720	-27.37	-13	Pass

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

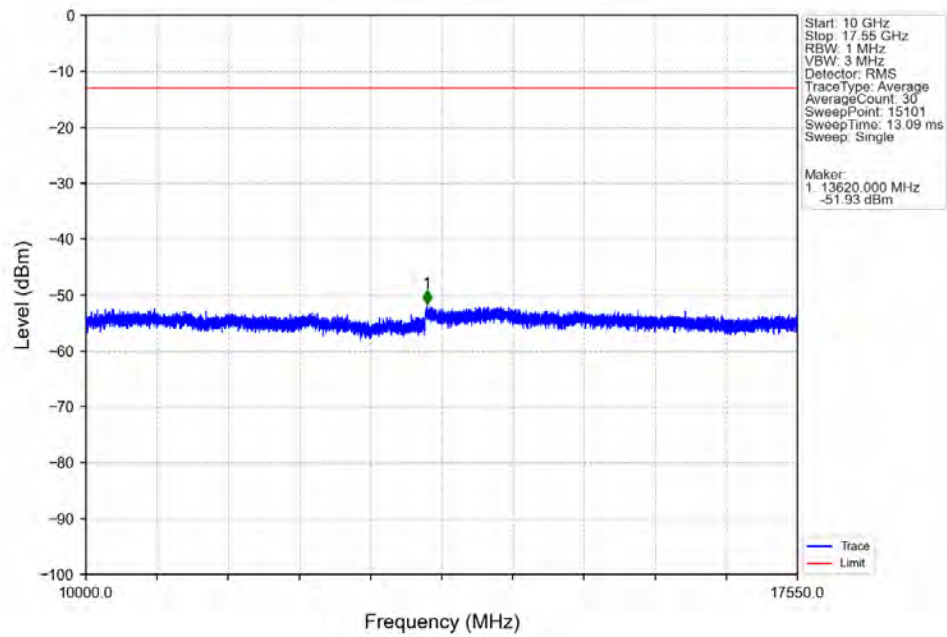


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-46.85	-13	Pass
1709	1710	0.003	/	2	1709.998	-48.64	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

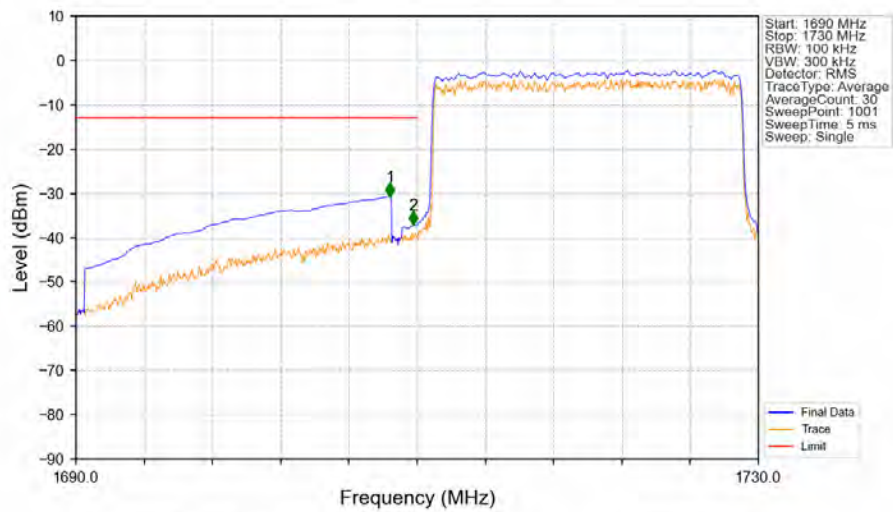
Band4_20MHz_256QAM_LCH_1720MHz_RB_1_0_NTNV



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

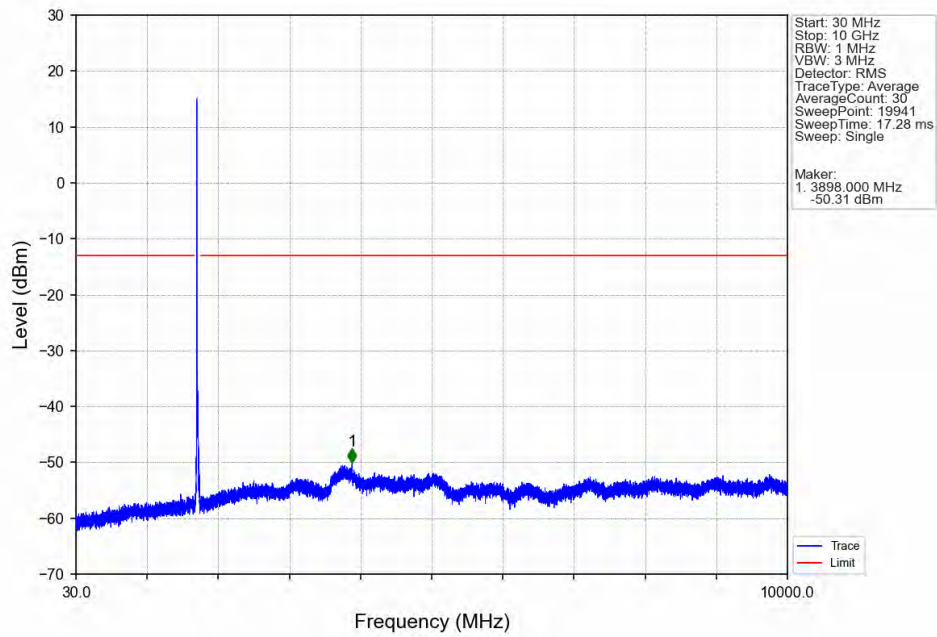


Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV

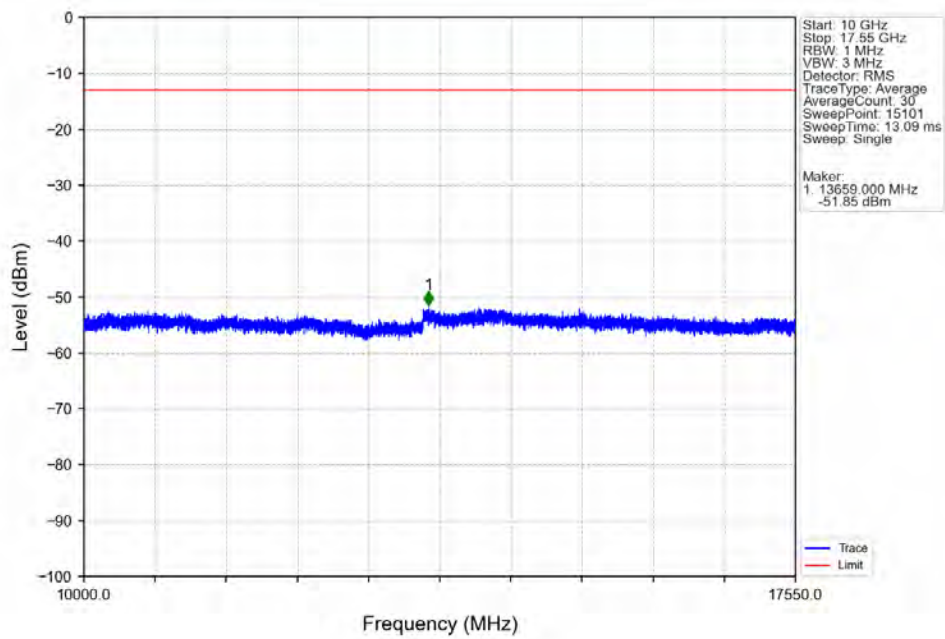


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-30.72	-13	Pass
1709	1710	0.196	CHP	2	1709.760	-37.13	-13	Pass
1710	1730	0.196	CHP	/	/	/	/	/

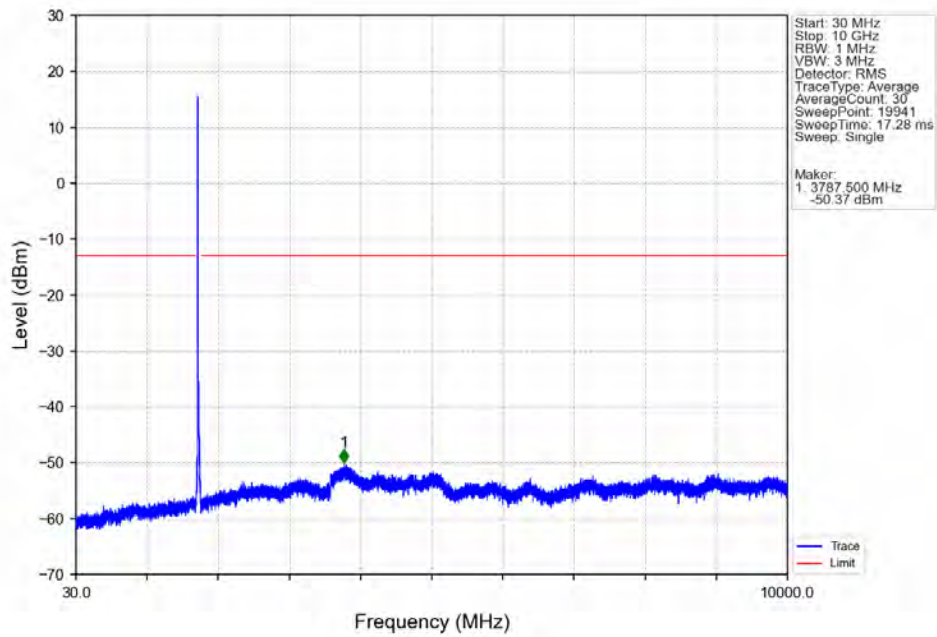
Band4 20MHz 256QAM MCH 1732.5MHz RB 1 0 NTNV



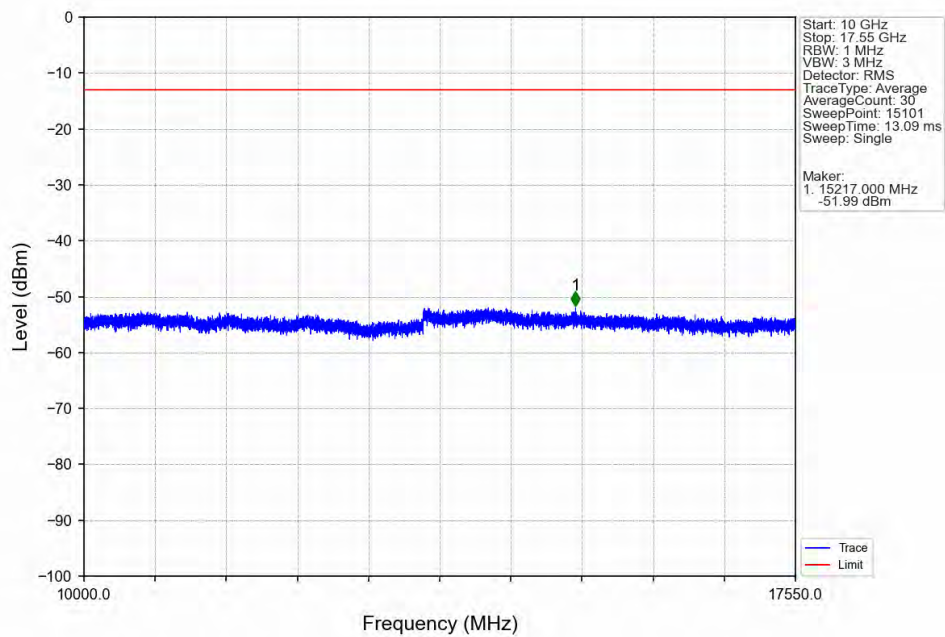
Band4 20MHz 256QAM MCH 1732.5MHz RB 1 0 NTNV



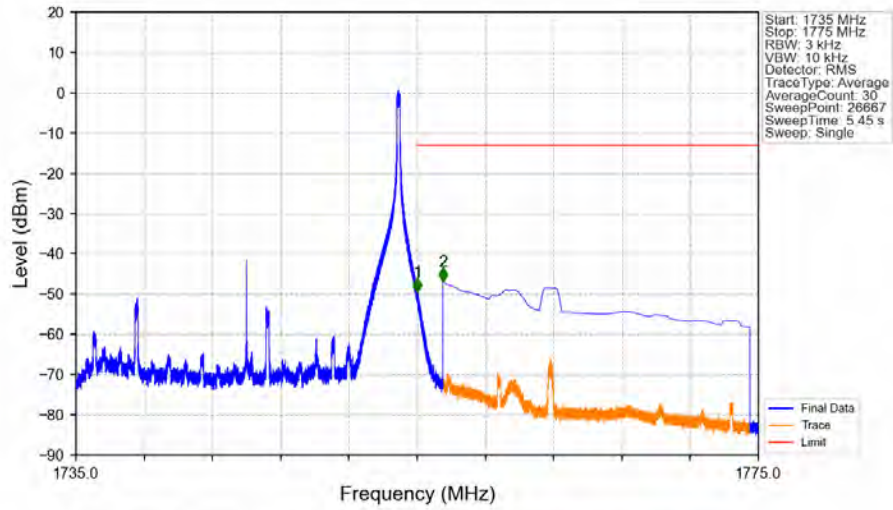
Band4 20MHz 256QAM HCH 1745MHz RB 1 0 NTNV



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

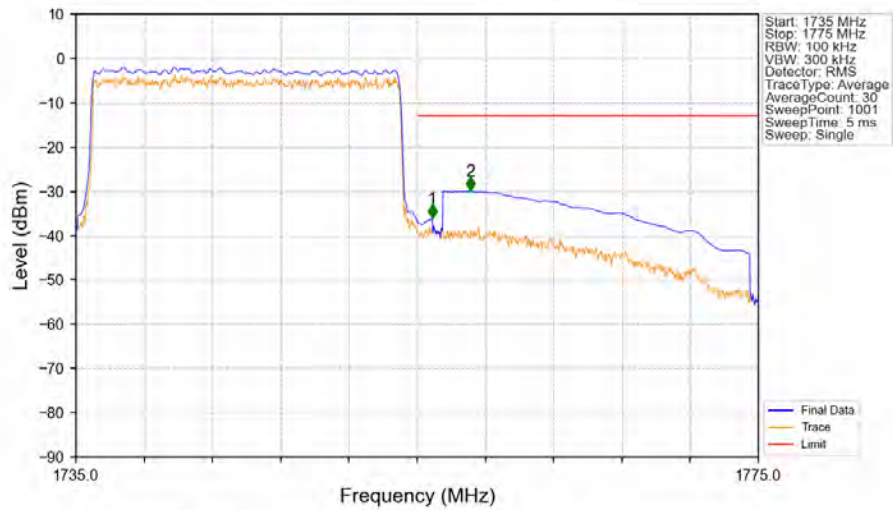


Band4_20MHz_256QAM_HCH_1745MHz_RB_1_99_NTNV



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	-49.48	-13	Pass
1756	1775	1	CHP	2	1756.500	-46.89	-13	Pass

Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.198	CHP	/	/	/	/	/
1755	1756	0.198	CHP	1	1755.880	-36.11	-13	Pass
1756	1775	1	CHP	2	1758.120	-29.79	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4 ANT5-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	-66.47	-13	-53.47	-71.09	3.36	7.98	Horizontal	Pass
5133.0	-62.71	-13	-49.71	-68.32	4.61	10.22	Horizontal	Pass
6844.0	-60.8	-13	-47.8	-66.83	4.9	10.93	Horizontal	Pass
3422.0	-66.42	-13	-53.42	-71.04	3.36	7.98	Vertical	Pass
5133.0	-62.61	-13	-49.61	-68.22	4.61	10.22	Vertical	Pass
6844.0	-60.79	-13	-47.79	-66.82	4.9	10.93	Vertical	Pass

LTE Band 4 ANT5-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	-66.7	-13	-53.7	-71.37	3.37	8.04	Horizontal	Pass
5170.5	-62.66	-13	-49.66	-68.29	4.62	10.25	Horizontal	Pass
6894.0	-60.88	-13	-47.88	-66.97	4.9	10.99	Horizontal	Pass
3447.0	-66.46	-13	-53.46	-71.13	3.37	8.04	Vertical	Pass
5170.5	-62.43	-13	-49.43	-68.06	4.62	10.25	Vertical	Pass
6894.0	-60.62	-13	-47.62	-66.71	4.9	10.99	Vertical	Pass

LTE Band 4 ANT5-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	-67.4	-13	-54.4	-72.11	3.39	8.1	Horizontal	Pass
5208.0	-63.47	-13	-50.47	-69.1	4.64	10.27	Horizontal	Pass
6944.0	-60.93	-13	-47.93	-67.08	4.91	11.06	Horizontal	Pass
3472.0	-67.03	-13	-54.03	-71.74	3.39	8.1	Vertical	Pass
5208.0	-63.33	-13	-50.33	-68.96	4.64	10.27	Vertical	Pass
6944.0	-60.87	-13	-47.87	-67.02	4.91	11.06	Vertical	Pass

CA_4A_5A-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	-67.28	-13	-54.28	-71.9	3.36	7.98	Horizontal	Pass
5133.0	-63.34	-13	-50.34	-68.95	4.61	10.22	Horizontal	Pass
6844.0	-61.38	-13	-48.38	-67.41	4.9	10.93	Horizontal	Pass
3422.0	-67.03	-13	-54.03	-71.65	3.36	7.98	Vertical	Pass
5133.0	-63.3	-13	-50.3	-68.91	4.61	10.22	Vertical	Pass
6844.0	-61.24	-13	-48.24	-67.27	4.9	10.93	Vertical	Pass

CA_4A_5A-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	-66.64	-13	-53.64	-71.31	3.37	8.04	Horizontal	Pass
5170.5	-62.99	-13	-49.99	-68.62	4.62	10.25	Horizontal	Pass
6894.0	-60.93	-13	-47.93	-67.02	4.9	10.99	Horizontal	Pass
3447.0	-66.6	-13	-53.6	-71.27	3.37	8.04	Vertical	Pass
5170.5	-62.94	-13	-49.94	-68.57	4.62	10.25	Vertical	Pass
6894.0	-61.08	-13	-48.08	-67.17	4.9	10.99	Vertical	Pass

CA_4A_5A-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	-66.59	-13	-53.59	-71.3	3.39	8.1	Horizontal	Pass
5208.0	-63.14	-13	-50.14	-68.77	4.64	10.27	Horizontal	Pass
6944.0	-61.03	-13	-48.03	-67.18	4.91	11.06	Horizontal	Pass
3472.0	-66.97	-13	-53.97	-71.68	3.39	8.1	Vertical	Pass
5208.0	-63.3	-13	-50.3	-68.93	4.64	10.27	Vertical	Pass
6944.0	-61.42	-13	-48.42	-67.57	4.91	11.06	Vertical	Pass

CA_4A_7A-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
5002.0	-62.11	-25	-37.11	-67.68	4.57	10.14	Horizontal	Pass
7503.0	-60.28	-25	-35.28	-67.08	4.94	11.74	Horizontal	Pass
10004.0	-56.88	-25	-31.88	-64.45	5.46	13.03	Horizontal	Pass
5002.0	-62.64	-25	-37.64	-68.21	4.57	10.14	Vertical	Pass
7503.0	-59.65	-25	-34.65	-66.45	4.94	11.74	Vertical	Pass
10004.0	-57.06	-25	-32.06	-64.63	5.46	13.03	Vertical	Pass

CA_4A_7A-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
5052.0	-62.82	-25	-37.82	-68.4	4.59	10.17	Horizontal	Pass
7578.0	-59.81	-25	-34.81	-66.69	4.95	11.83	Horizontal	Pass
10104.0	-56.41	-25	-31.41	-63.98	5.48	13.05	Horizontal	Pass
5052.0	-63.02	-25	-38.02	-68.6	4.59	10.17	Vertical	Pass
7578.0	-59.76	-25	-34.76	-66.64	4.95	11.83	Vertical	Pass
10104.0	-56.6	-25	-31.6	-64.17	5.48	13.05	Vertical	Pass

CA_4A_7A-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
5102.0	-63.18	-25	-38.18	-68.78	4.6	10.2	Horizontal	Pass
7653.0	-59.84	-25	-34.84	-66.81	4.95	11.92	Horizontal	Pass
10204.0	-57.54	-25	-32.54	-65.12	5.49	13.07	Horizontal	Pass
5102.0	-63.33	-25	-38.33	-68.93	4.6	10.2	Vertical	Pass
7653.0	-59.65	-25	-34.65	-66.62	4.95	11.92	Vertical	Pass
10204.0	-56.72	-25	-31.72	-64.3	5.49	13.07	Vertical	Pass