Appendix I

Test Results of LTE Band 2

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1. Test Conditions

Item	Environment	Test Channel	RB size	Modulation	BW (MHz)	Test by
Conducted Output Power	☒ N.T / N.V.	☒ Low ☒ Mid ☒ High	☒ 1 ☒ Half ☒ Full	☒ QPSK ☒ 16QAM	☒ 1.4 ☒ 3 ☒ 5 ☒ 10 ☒ 15 ☒ 20	Sean
EIRP/ERP	☒ N.T / N.V.	☒ Low ☒ Mid ☒ High	☒ 1 ☒ Half ☒ Full	☒ QPSK ☒ 16QAM	☒ 1.4 ☒ 3 ☒ 5 ☒ 10 ☒ 15 ☒ 20	Sean
Peak-to-Average Ratio	☒ N.T / N.V.	☒ Low ☒ Mid ☒ High	☒ 1 ☐ Half ☒ Full	☒ QPSK ☒ 16QAM	☒ 20	Sean
Occupied Bandwidth	☒ N.T / N.V.	☒ Low ☒ Mid ☒ High	☐ 1 ☐ Half ☒ Full	☒ QPSK ☒ 16QAM	☒ 1.4 ☒ 3 ☒ 5 ☒ 10 ☒ 15 ☒ 20	Sean
Conducted Band Edge	☒ N.T / N.V.	☒ Low ☐ Mid ☒ High	☒ 1 ☐ Half ☒ Full	☒ QPSK ☒ 16QAM	☒ 1.4 ☒ 3 ☒ 5 ☒ 10 ☒ 15 ☒ 20	Sean
Spurious Emission at Antenna Terminal	☒ N.T / N.V.	☒ Low ☒ Mid ☒ High	☒ 1 ☐ Half ☐ Full	☒ QPSK ☒ 16QAM	☒ 20	Sean
Field Strength of Spurious Radiation	☒ N.T / N.V.	☒ Low ☒ Mid ☒ High	☒ worst case			Sean
Frequency Stability	☒ N.T / N.V. ☒ L.T / L.V. ☒ L.T / H.V. ☒ H.T / L.V. ☒ H.T / H.V.	☐ Low ☒ Mid ☐ High	☐ 1 ☐ Half ☒ Full	☒ QPSK ☐ 16QAM	☒ 20	Sean
NOTE: All settings for RB allocation, modulation mode, channel, channel bandwidth and environment required by the standard are considered and tested; only the worst case and normal test plots are shown on the report.						

2. Conducted Output Power and EIRP

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
1.4	QPSK	Low	1	0	23.12	2.81	25.93	33.00	Pass
				3	23.16	2.81	25.97		Pass
				5	23.21	2.81	26.02		Pass
			3	0	23.11	2.81	25.92		Pass
				1	23.28	2.81	26.09		Pass
				3	23.17	2.81	25.98		Pass
			6	0	22.21	2.81	25.02		Pass
		Mid	1	0	23.66	2.81	26.47		Pass
				3	23.78	2.81	26.59		Pass
				5	23.74	2.81	26.55		Pass
			3	0	23.88	2.81	**26.69**		Pass
				1	23.58	2.81	26.39		Pass
				3	23.73	2.81	26.54		Pass
			6	0	22.77	2.81	25.58		Pass
		High	1	0	23.68	2.81	26.49		Pass
				3	23.83	2.81	26.64		Pass
				5	23.80	2.81	26.61		Pass
			3	0	23.61	2.81	26.42		Pass
				1	23.49	2.81	26.30		Pass
				3	23.42	2.81	26.23		Pass
			6	0	22.50	2.81	25.31		Pass
	16QAM	Low	1	0	22.58	2.81	25.39	33.00	Pass
				3	22.67	2.81	25.48		Pass
				5	22.61	2.81	25.42		Pass
			3	0	22.19	2.81	25.00		Pass
				1	22.23	2.81	25.04		Pass
				3	22.29	2.81	25.10		Pass
			6	0	21.44	2.81	24.25		Pass
		Mid	1	0	22.65	2.81	25.46		Pass
				3	22.51	2.81	25.32		Pass
				5	22.34	2.81	25.15		Pass
			3	0	22.90	2.81	25.71		Pass
				1	22.55	2.81	25.36		Pass
				3	22.69	2.81	25.50		Pass
			6	0	21.97	2.81	24.78		Pass
		High	1	0	22.63	2.81	25.44		Pass
				3	22.65	2.81	25.46		Pass
				5	22.64	2.81	25.45		Pass
			3	0	22.57	2.81	25.38		Pass
				1	22.48	2.81	25.29		Pass
				3	22.52	2.81	25.33		Pass
			6	0	21.60	2.81	24.41		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	QPSK	Low	1	0	23.01	2.81	25.82	33.00	Pass
				8	23.08	2.81	25.89		Pass
				14	23.11	2.81	25.92		Pass
			8	0	22.09	2.81	24.90		Pass
				4	22.13	2.81	24.94		Pass
				7	22.22	2.81	25.03		Pass
			15	0	22.17	2.81	24.98		Pass
		Mid	1	0	23.57	2.81	26.38		Pass
				8	22.68	2.81	25.49		Pass
				14	23.56	2.81	**26.37**		Pass
			8	0	22.68	2.81	25.49		Pass
				4	22.49	2.81	25.30		Pass
				7	22.68	2.81	25.49		Pass
			15	0	22.70	2.81	25.51		Pass
		High	1	0	23.42	2.81	26.23		Pass
				8	23.39	2.81	26.20		Pass
				14	23.36	2.81	26.17		Pass
			8	0	22.48	2.81	25.29		Pass
				4	22.36	2.81	25.17		Pass
				7	22.47	2.81	25.28		Pass
			15	0	22.47	2.81	25.28		Pass
	16QAM	Low	1	0	21.84	2.81	24.65	33.00	Pass
				8	21.86	2.81	24.67		Pass
				14	21.75	2.81	24.56		Pass
			8	0	20.97	2.81	23.78		Pass
				4	21.12	2.81	23.93		Pass
				7	21.08	2.81	23.89		Pass
			15	0	21.13	2.81	23.94		Pass
		Mid	1	0	22.92	2.81	25.73		Pass
				8	22.86	2.81	25.67		Pass
				14	22.75	2.81	25.56		Pass
			8	0	21.93	2.81	24.74		Pass
				4	21.64	2.81	24.45		Pass
				7	21.85	2.81	24.66		Pass
			15	0	21.78	2.81	24.59		Pass
		High	1	0	23.12	2.81	25.93		Pass
				8	23.04	2.81	25.85		Pass
				14	22.89	2.81	25.70		Pass
			8	0	21.70	2.81	24.51		Pass
				4	21.64	2.81	24.45		Pass
				7	21.69	2.81	24.50		Pass
			15	0	21.69	2.81	24.50		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
5.0	QPSK	Low	1	0	23.17	2.81	25.98	33.00	Pass
				12	23.15	2.81	25.96		Pass
				24	23.06	2.81	25.87		Pass
			12	0	22.21	2.81	25.02		Pass
				7	22.80	2.81	25.61		Pass
				13	22.43	2.81	25.24		Pass
			25	0	22.12	2.81	24.93		Pass
		Mid	1	0	23.63	2.81	**26.44**		Pass
				12	23.84	2.81	26.65		Pass
				24	23.56	2.81	26.37		Pass
			12	0	22.60	2.81	25.41		Pass
				7	22.62	2.81	25.43		Pass
				13	22.67	2.81	25.48		Pass
			25	0	22.69	2.81	25.50		Pass
		High	1	0	23.22	2.81	26.03		Pass
				12	23.44	2.81	26.25		Pass
				24	23.32	2.81	26.13		Pass
			12	0	22.51	2.81	25.32		Pass
				7	22.49	2.81	25.30		Pass
				13	22.42	2.81	25.23		Pass
			25	0	22.45	2.81	25.26		Pass
	16QAM	Low	1	0	21.94	2.81	24.75	33.00	Pass
				12	22.10	2.81	24.91		Pass
				24	22.05	2.81	24.86		Pass
			12	0	21.14	2.81	23.95		Pass
				7	21.10	2.81	23.91		Pass
				13	21.19	2.81	24.00		Pass
			25	0	21.18	2.81	23.99		Pass
		Mid	1	0	21.92	2.81	24.73		Pass
				12	22.25	2.81	25.06		Pass
				24	21.98	2.81	24.79		Pass
			12	0	21.69	2.81	24.50		Pass
				7	21.65	2.81	24.46		Pass
				13	21.62	2.81	24.43		Pass
			25	0	21.78	2.81	24.59		Pass
		High	1	0	22.81	2.81	25.62		Pass
				12	22.64	2.81	25.45		Pass
				24	22.58	2.81	25.39		Pass
			12	0	21.46	2.81	24.27		Pass
				7	21.37	2.81	24.18		Pass
				13	21.21	2.81	24.02		Pass
			25	0	21.26	2.81	24.07		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	QPSK	Low	1	0	23.00	2.81	25.81	33.00	Pass
				25	23.36	2.81	26.17		Pass
				49	23.21	2.81	26.02		Pass
			25	0	22.24	2.81	25.05		Pass
				12	22.16	2.81	24.97		Pass
				25	22.24	2.81	25.05		Pass
			50	0	22.20	2.81	25.01		Pass
		Mid	1	0	23.71	2.81	26.52		Pass
				25	23.86	2.81	26.67		Pass
				49	23.73	2.81	26.54		Pass
			25	0	22.84	2.81	25.65		Pass
				12	22.68	2.81	25.49		Pass
				25	22.75	2.81	25.56		Pass
			50	0	22.75	2.81	25.56		Pass
		High	1	0	23.42	2.81	26.23		Pass
				25	23.78	2.81	**26.59**		Pass
				49	23.45	2.81	26.26		Pass
			25	0	22.51	2.81	25.32		Pass
				12	22.62	2.81	25.43		Pass
				25	22.57	2.81	25.38		Pass
			50	0	22.53	2.81	25.34		Pass
	16QAM	Low	1	0	21.82	2.81	24.63	33.00	Pass
				25	22.10	2.81	24.91		Pass
				49	21.97	2.81	24.78		Pass
			25	0	21.32	2.81	24.13		Pass
				12	21.24	2.81	24.05		Pass
				25	21.31	2.81	24.12		Pass
			50	0	21.17	2.81	23.98		Pass
		Mid	1	0	22.57	2.81	25.38		Pass
				25	23.59	2.81	26.40		Pass
				49	23.23	2.81	26.04		Pass
			25	0	21.88	2.81	24.69		Pass
				12	21.72	2.81	24.53		Pass
				25	21.90	2.81	24.71		Pass
			50	0	21.70	2.81	24.51		Pass
		High	1	0	23.06	2.81	25.87		Pass
				25	23.60	2.81	26.41		Pass
				49	23.32	2.81	26.13		Pass
			25	0	21.74	2.81	24.55		Pass
				12	21.66	2.81	24.47		Pass
				25	21.59	2.81	24.40		Pass
			50	0	21.54	2.81	24.35		Pass

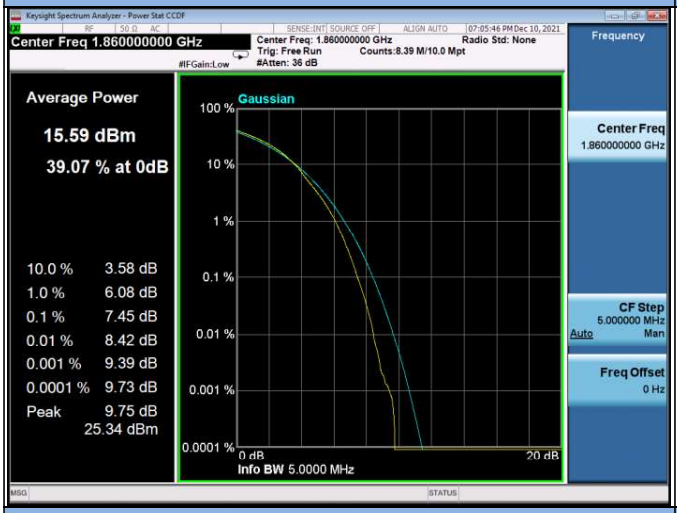
BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	QPSK	Low	1	0	22.89	2.81	25.70	33.00	Pass
				37	23.22	2.81	26.03		Pass
				74	23.25	2.81	26.06		Pass
			36	0	22.35	2.81	25.16		Pass
				20	22.27	2.81	25.08		Pass
				39	22.30	2.81	25.11		Pass
			75	0	22.77	2.81	25.58		Pass
		Mid	1	0	23.66	2.81	26.47		Pass
				37	23.87	2.81	**26.68**		Pass
				74	23.80	2.81	26.61		Pass
			36	0	22.97	2.81	25.78		Pass
				20	22.85	2.81	25.66		Pass
				39	22.77	2.81	25.58		Pass
			75	0	22.73	2.81	25.54		Pass
		High	1	0	23.27	2.81	26.08		Pass
				37	23.52	2.81	26.33		Pass
				74	23.47	2.81	26.28		Pass
			36	0	22.79	2.81	25.60		Pass
				20	21.46	2.81	24.27		Pass
				39	22.57	2.81	25.38		Pass
			75	0	22.54	2.81	25.35		Pass
	16QAM	Low	1	0	21.79	2.81	24.60	33.00	Pass
				37	22.16	2.81	24.97		Pass
				74	22.18	2.81	24.99		Pass
			36	0	21.22	2.81	24.03		Pass
				20	21.33	2.81	24.14		Pass
				39	21.22	2.81	24.03		Pass
			75	0	21.31	2.81	24.12		Pass
		Mid	1	0	23.01	2.81	25.82		Pass
				37	23.41	2.81	26.22		Pass
				74	23.42	2.81	26.23		Pass
			36	0	22.12	2.81	24.93		Pass
				20	21.75	2.81	24.56		Pass
				39	21.90	2.81	24.71		Pass
			75	0	21.81	2.81	24.62		Pass
		High	1	0	22.67	2.81	25.48		Pass
				37	22.99	2.81	25.80		Pass
				74	22.97	2.81	25.78		Pass
			36	0	22.11	2.81	24.92		Pass
				20	21.87	2.81	24.68		Pass
				39	21.66	2.81	24.47		Pass
			75	0	21.61	2.81	24.42		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
20	QPSK	Low	1	0	23.05	2.81	25.86	33.00	Pass
				49	23.41	2.81	26.22		Pass
				99	23.40	2.81	26.21		Pass
			50	0	22.68	2.81	25.49		Pass
				24	22.54	2.81	25.35		Pass
				50	22.41	2.81	25.22		Pass
			100	0	22.42	2.81	25.23		Pass
		Mid	1	0	23.44	2.81	26.25		Pass
				49	23.81	2.81	26.62		Pass
				99	24.03	2.81	**26.84**		Pass
			50	0	23.05	2.81	25.86		Pass
				24	22.90	2.81	25.71		Pass
				50	22.81	2.81	25.62		Pass
			100	0	22.77	2.81	25.58		Pass
		High	1	0	23.40	2.81	26.21		Pass
				49	23.77	2.81	26.58		Pass
				99	23.74	2.81	26.55		Pass
			50	0	22.95	2.81	25.76		Pass
				24	22.76	2.81	25.57		Pass
				50	22.68	2.81	25.49		Pass
			100	0	22.54	2.81	25.35		Pass
	16QAM	Low	1	0	23.03	2.81	25.84	33.00	Pass
				49	23.25	2.81	26.06		Pass
				99	23.45	2.81	26.26		Pass
			50	0	21.57	2.81	24.38		Pass
				24	21.54	2.81	24.35		Pass
				50	21.42	2.81	24.23		Pass
			100	0	21.47	2.81	24.28		Pass
		Mid	1	0	22.53	2.81	25.34		Pass
				49	23.16	2.81	25.97		Pass
				99	23.30	2.81	26.11		Pass
			50	0	22.47	2.81	25.28		Pass
				24	22.63	2.81	25.44		Pass
				50	21.94	2.81	24.75		Pass
			100	0	21.82	2.81	24.63		Pass
		High	1	0	21.96	2.81	24.77		Pass
				49	22.56	2.81	25.37		Pass
				99	22.36	2.81	25.17		Pass
			50	0	21.72	2.81	24.53		Pass
				24	21.61	2.81	24.42		Pass
				50	21.62	2.81	24.43		Pass
			100	0	21.57	2.81	24.38		Pass

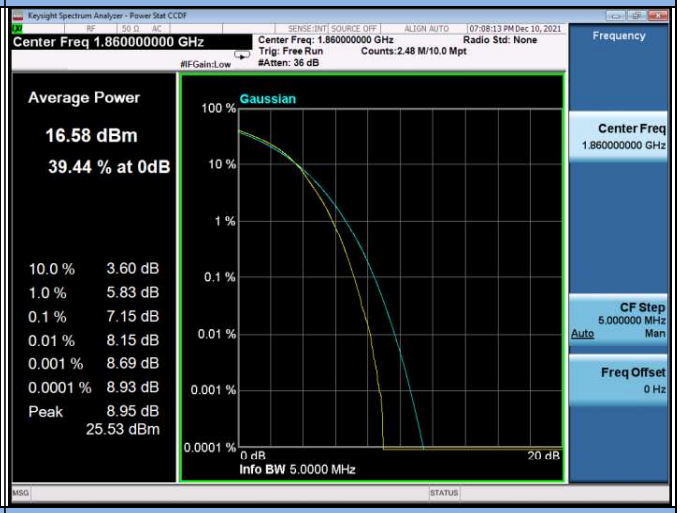
3. Peak-to-Average Ratio

BW (MHz)	Modulation	Channel	RB Allocation		Peak-to-Average Ratio (dB)	Limit (dBm)	Result
			Size	Offset			
20	QPSK	Low	Full	0	7.45	13.0	Pass
		Mid	Full	0	7.52		Pass
		High	Full	0	7.54		Pass
	16QAM	Low	Full	0	7.15	13.0	Pass
		Mid	Full	0	7.06		Pass
		High	Full	0	7.18		Pass

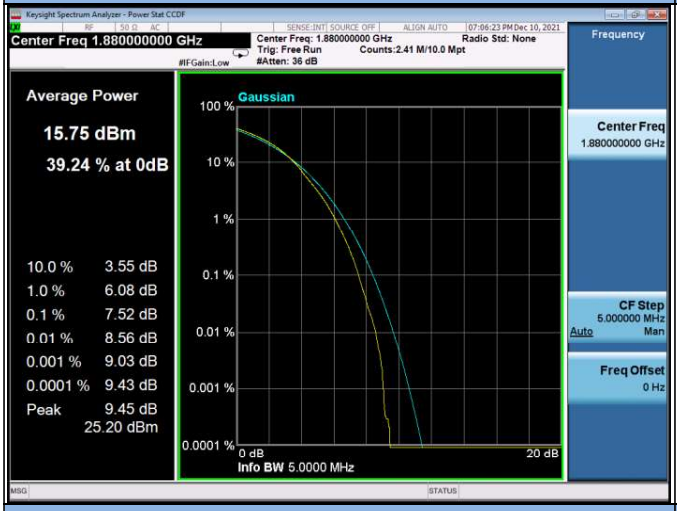
QPSK / 20MHz / Lowest



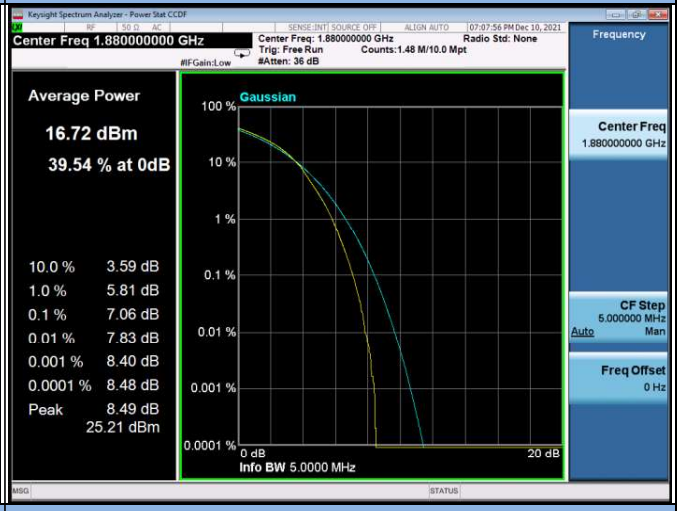
16QAM / 20MHz / Lowest



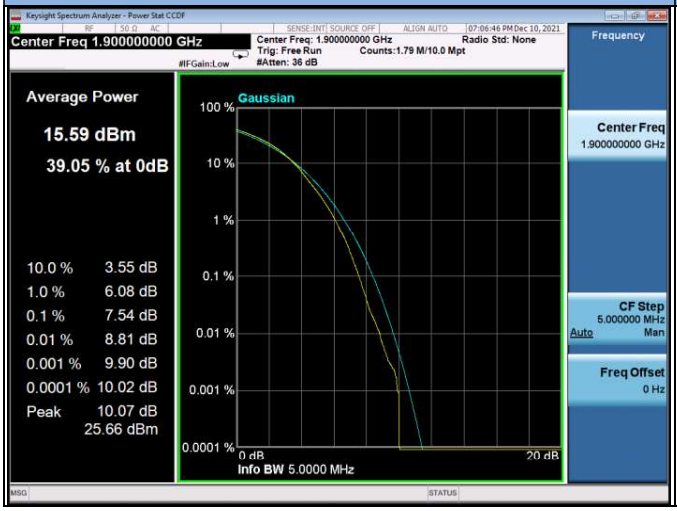
QPSK / 20MHz / Middle



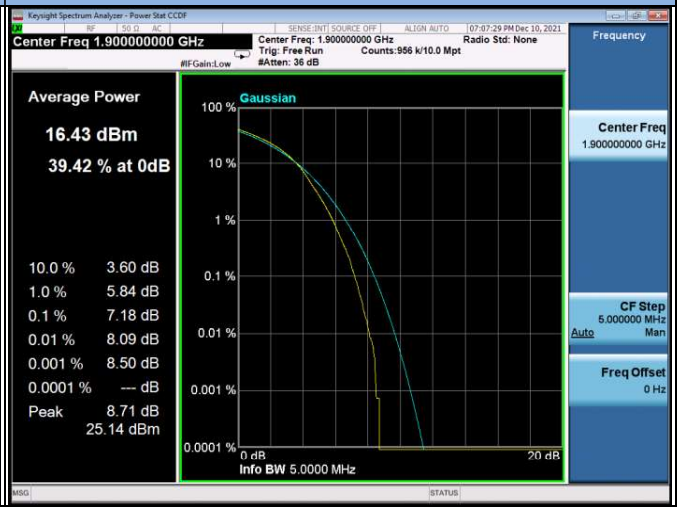
16QAM / 20MHz / Middle



QPSK / 20MHz / Highest



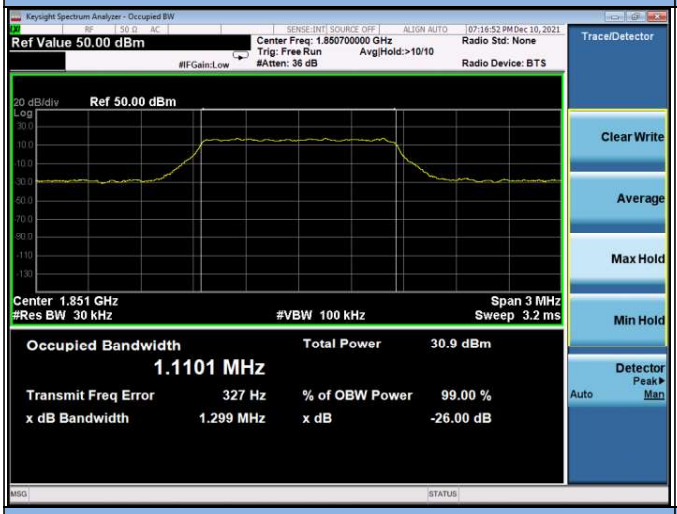
16QAM / 20MHz / Highest



4. Occupied Bandwidth

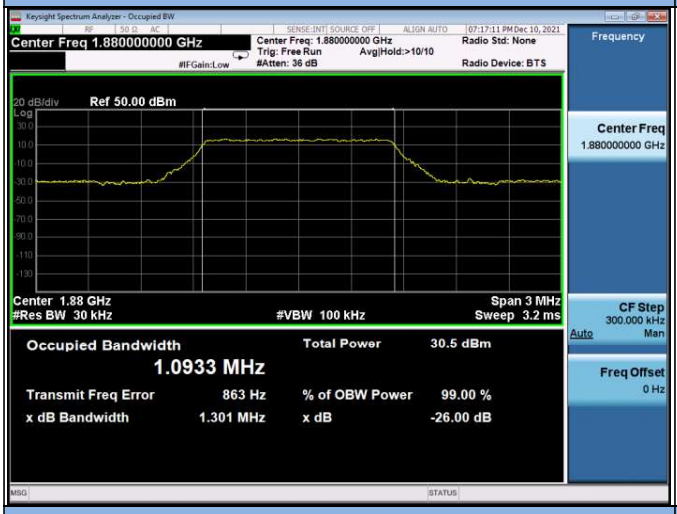
BW (MHz)	Modulation	Channel	RB Allocation		26dB BW (MHz)	99% OBW (MHz)	Limit (dBm)	Result
			Size	Offset				
1.4	QPSK	Low	Full	0	1.299	1.1101	---	Pass
		Mid	Full	0	1.301	1.0933		Pass
		High	Full	0	1.303	1.1011		Pass
	16QAM	Low	Full	0	1.317	1.1012	---	Pass
		Mid	Full	0	1.289	1.0992		Pass
		High	Full	0	1.271	1.0935		Pass
3.0	QPSK	Low	Full	0	3.005	2.7114	---	Pass
		Mid	Full	0	2.981	2.7022		Pass
		High	Full	0	2.984	2.7128		Pass
	16QAM	Low	Full	0	3.011	2.7130	---	Pass
		Mid	Full	0	2.996	2.7020		Pass
		High	Full	0	3.015	2.700		Pass
5.0	QPSK	Low	Full	0	4.955	4.4904	---	Pass
		Mid	Full	0	4.932	4.4824		Pass
		High	Full	0	4.934	4.4663		Pass
	16QAM	Low	Full	0	4.911	4.4841	---	Pass
		Mid	Full	0	4.854	4.4692		Pass
		High	Full	0	4.935	4.4715		Pass
10	QPSK	Low	Full	0	9.915	8.9741	---	Pass
		Mid	Full	0	9.821	8.9543		Pass
		High	Full	0	9.878	8.9838		Pass
	16QAM	Low	Full	0	9.853	8.9631	---	Pass
		Mid	Full	0	9.849	8.9692		Pass
		High	Full	0	9.912	8.9677		Pass
15	QPSK	Low	Full	0	14.530	13.422	---	Pass
		Mid	Full	0	14.720	13.438		Pass
		High	Full	0	14.650	13.458		Pass
	16QAM	Low	Full	0	14.650	13.448	---	Pass
		Mid	Full	0	14.720	13.415		Pass
		High	Full	0	14.680	13.425		Pass
20	QPSK	Low	Full	0	19.460	17.909	---	Pass
		Mid	Full	0	19.390	17.917		Pass
		High	Full	0	19.440	17.888		Pass
	16QAM	Low	Full	0	19.400	17.948	---	Pass
		Mid	Full	0	19.480	17.919		Pass
		High	Full	0	19.420	17.894		Pass

QPSK / 1.4MHz / Lowest

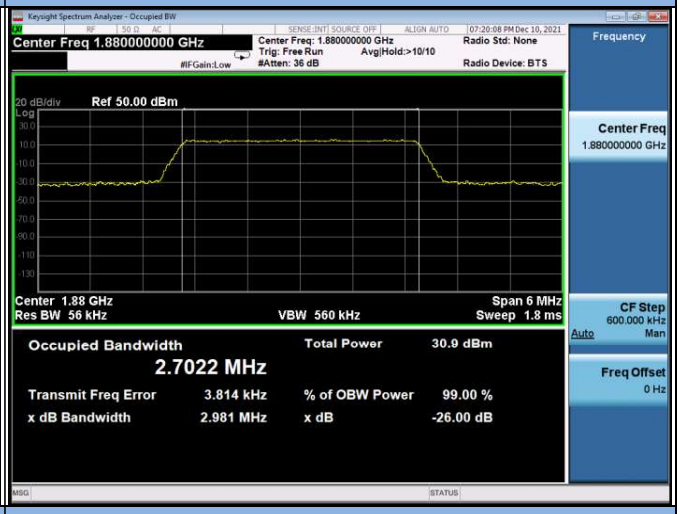


QPSK / 3.0MHz / Lowest

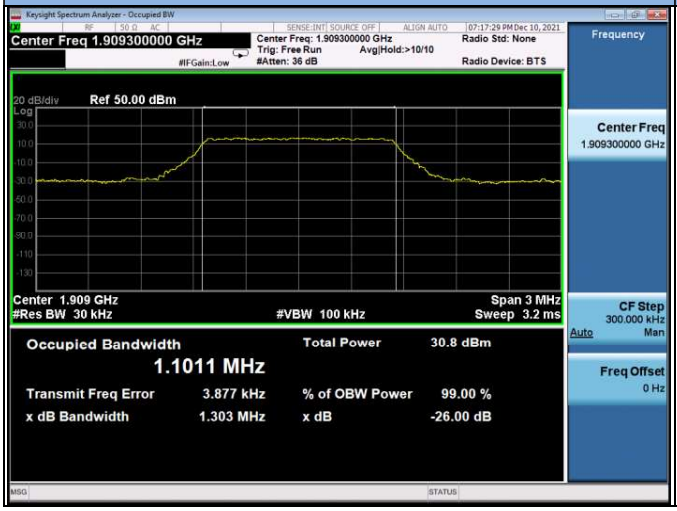
QPSK / 1.4MHz / Middle



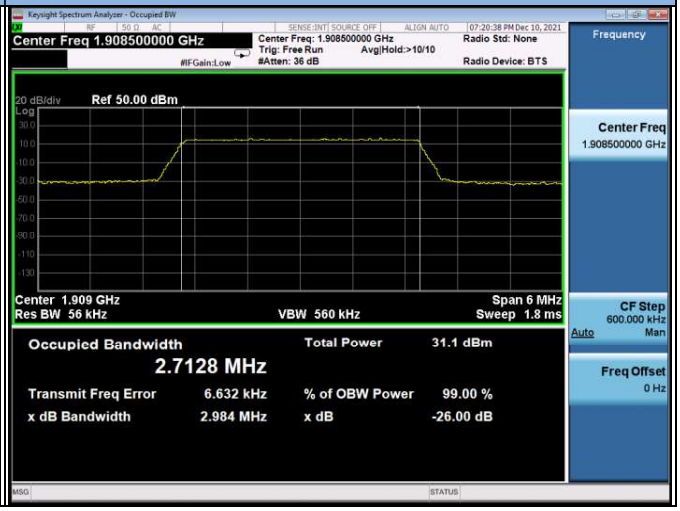
QPSK / 3.0MHz / Middle



QPSK / 1.4MHz / Highest



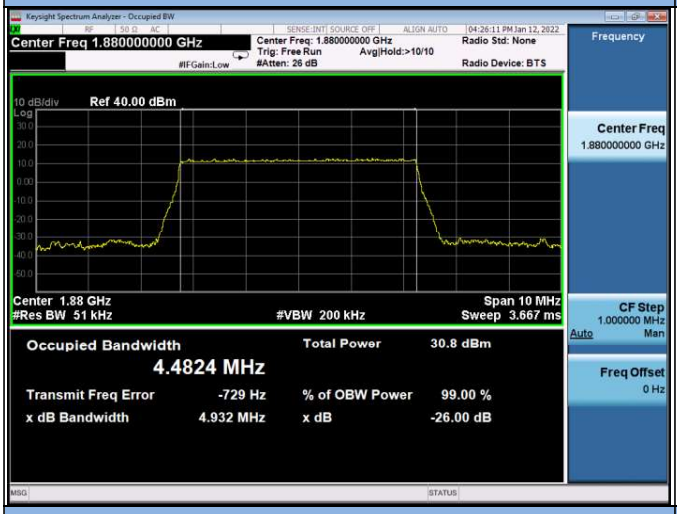
QPSK / 3.0MHz / Highest



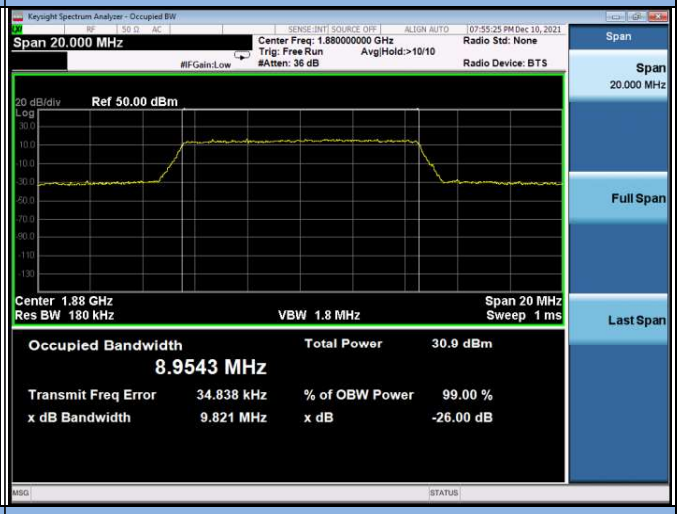
QPSK / 5.0MHz / Lowest

QPSK / 10MHz / Lowest

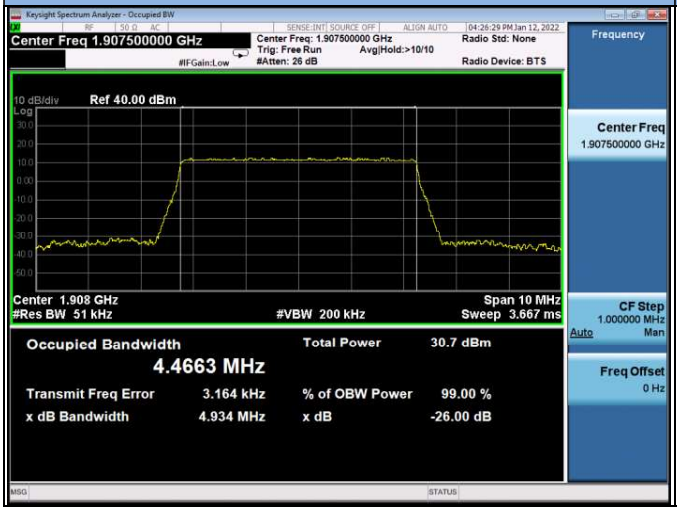
QPSK / 5.0MHz / Middle



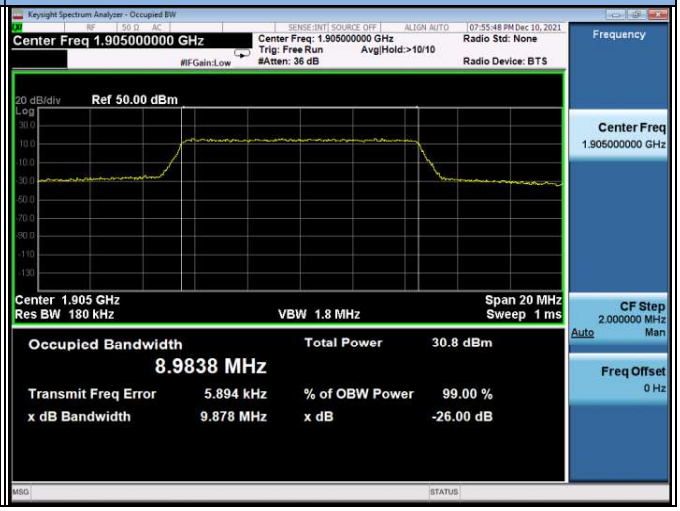
QPSK / 10MHz / Middle



QPSK / 5.0MHz / Highest



QPSK / 10MHz / Highest

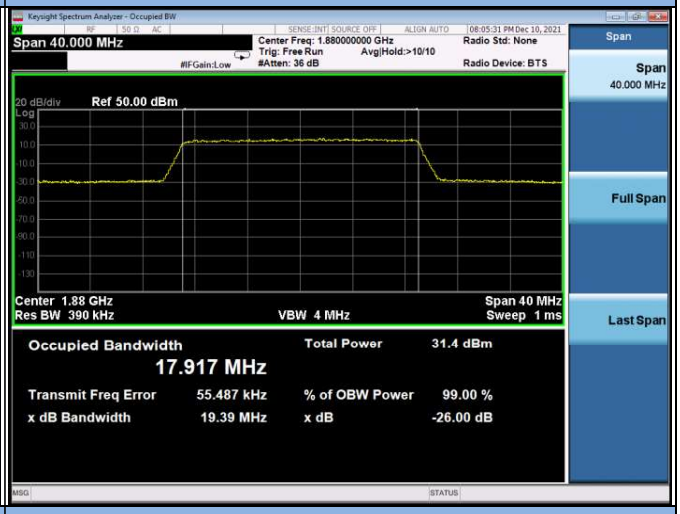


QPSK / 15MHz / Lowest

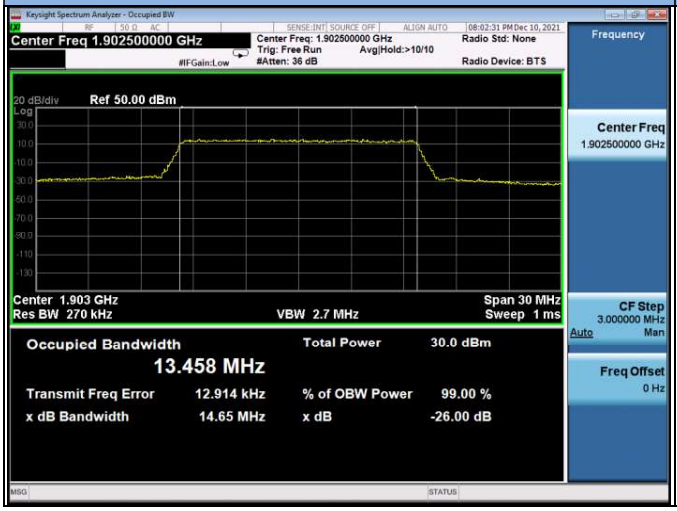
QPSK / 20MHz / Lowest

QPSK / 15MHz / Middle

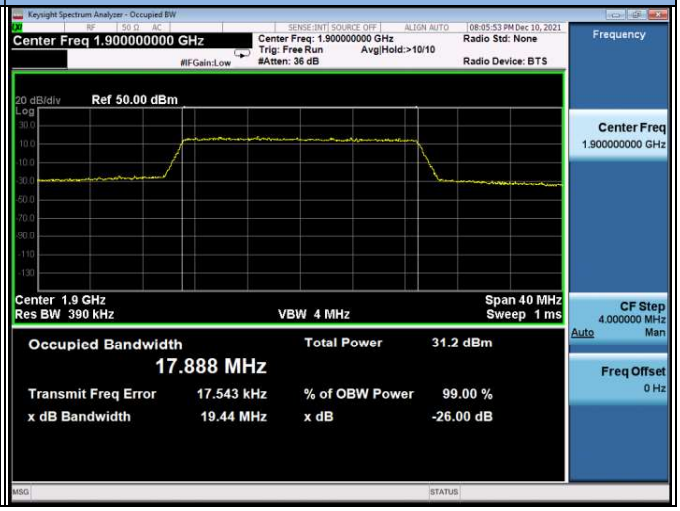
QPSK / 20MHz / Middle



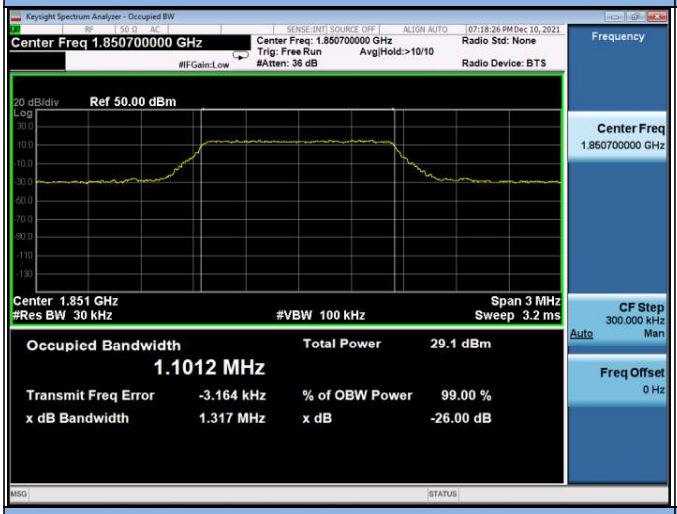
QPSK / 15MHz / Highest



QPSK / 20MHz / Highest

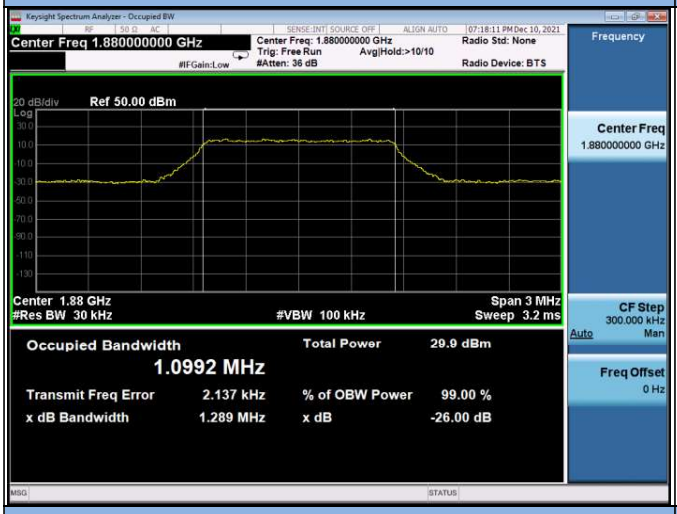


16QAM / 1.4MHz / Lowest

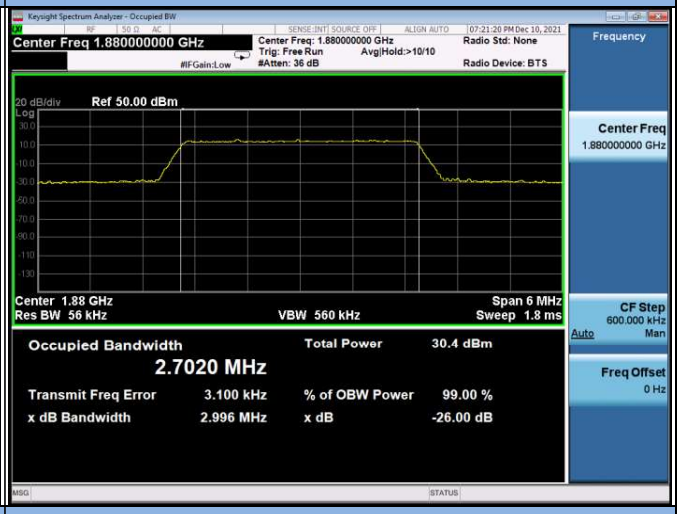


16QAM / 3.0MHz / Lowest

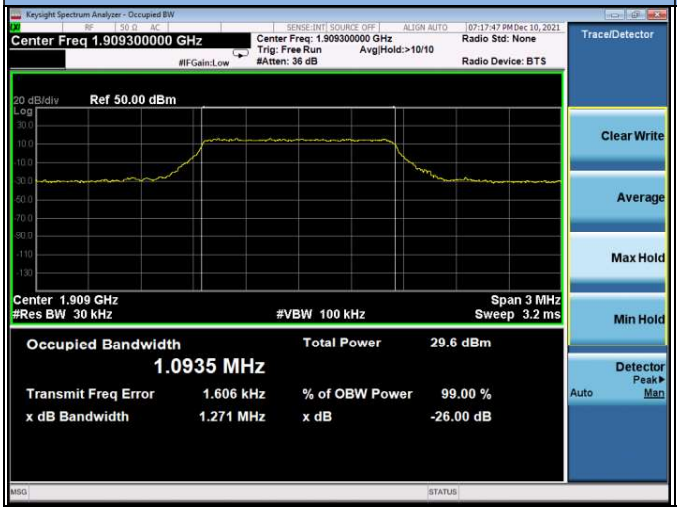
16QAM / 1.4MHz / Middle



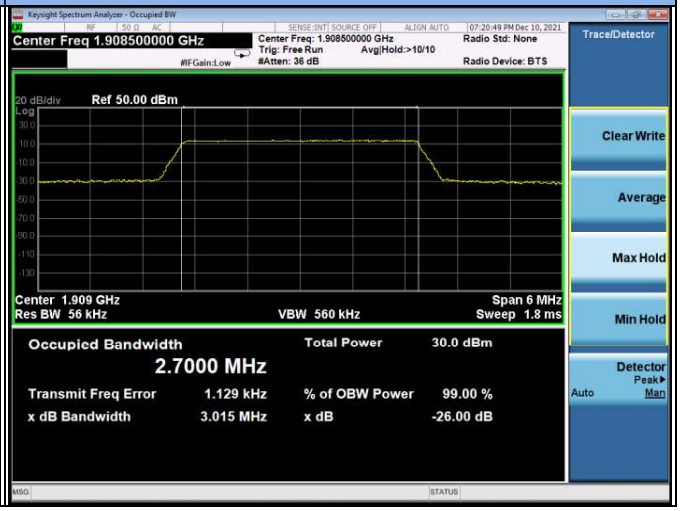
16QAM / 3.0MHz / Middle



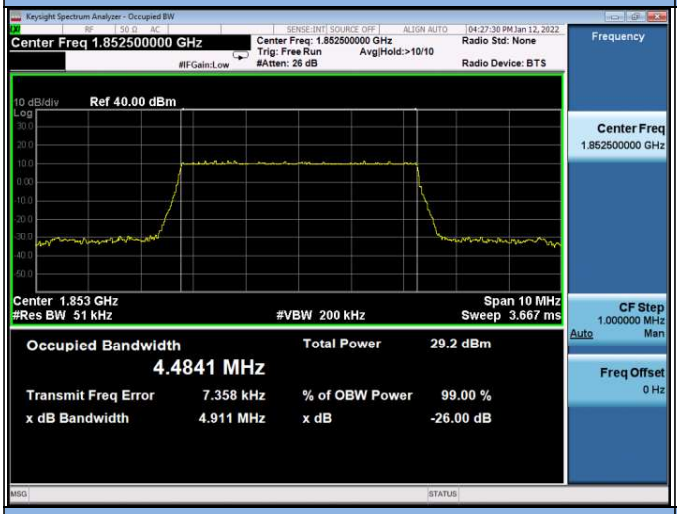
16QAM / 1.4MHz / Highest



16QAM / 3.0MHz / Highest

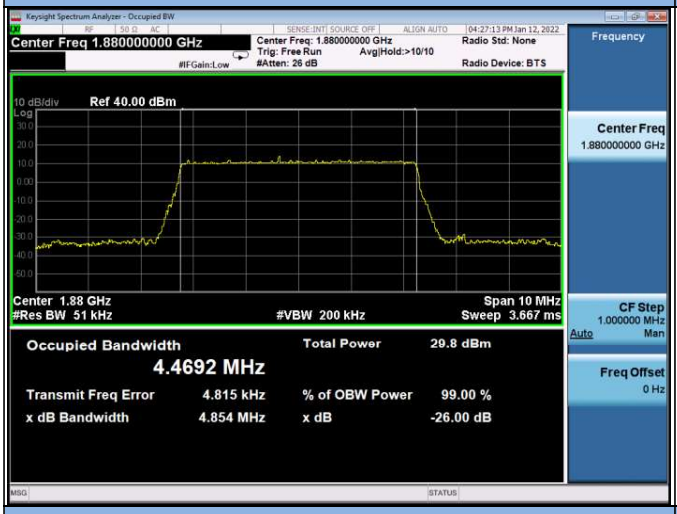


16QAM / 5.0MHz / Lowest



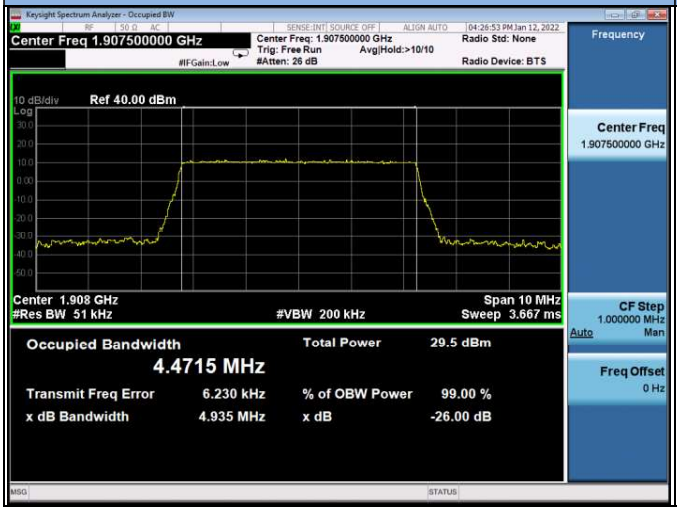
16QAM / 10MHz / Lowest

16QAM / 5.0MHz / Middle

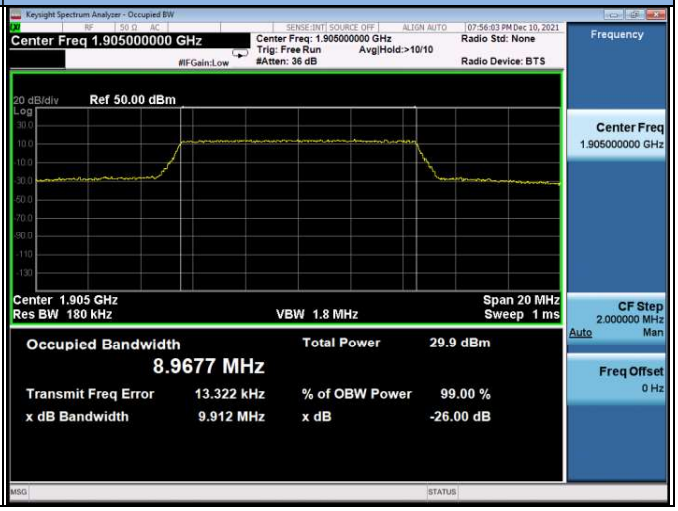


16QAM / 10MHz / Middle

16QAM / 5.0MHz / Highest



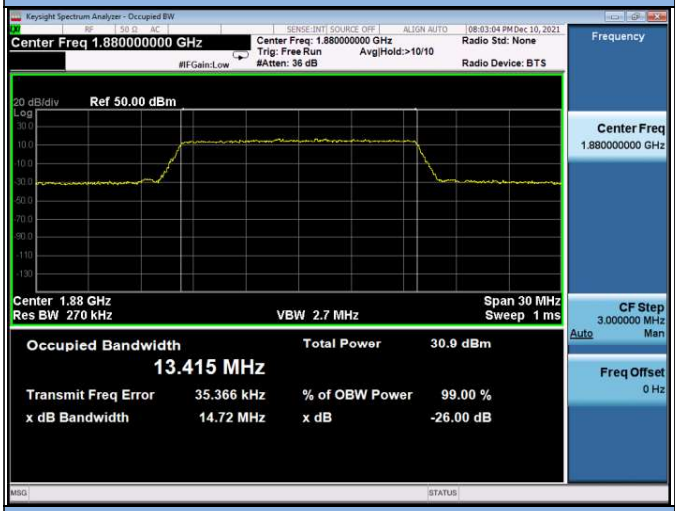
16QAM / 10MHz / Highest



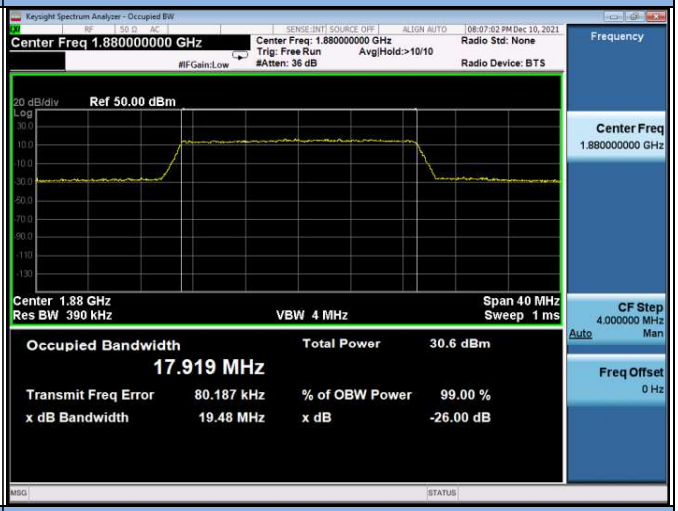
16QAM / 15MHz / Lowest

16QAM / 20MHz / Lowest

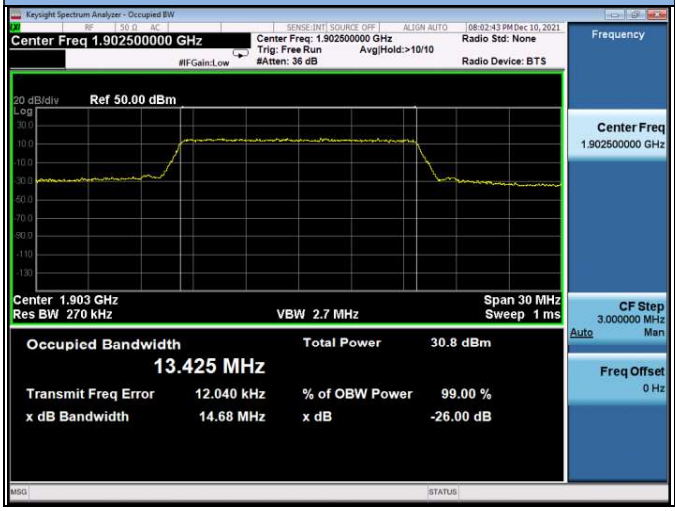
16QAM / 15MHz / Middle



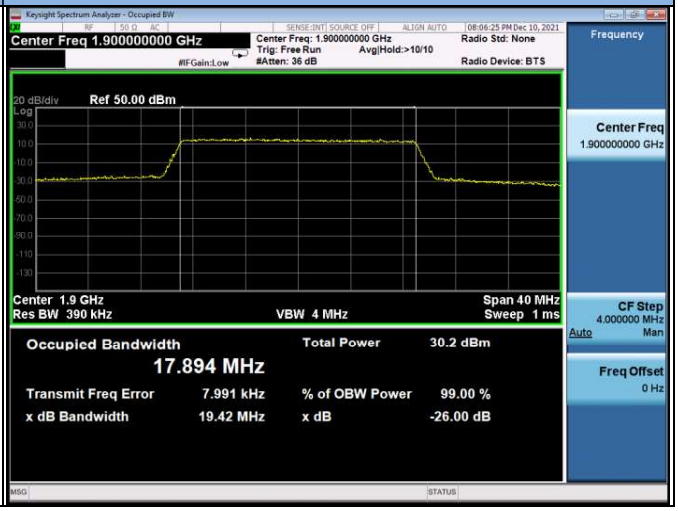
16QAM / 20MHz / Middle



16QAM / 15MHz / Highest



16QAM / 20MHz / Highest



5. Band Edge

QPSK / 1.4MHz / 1RB / Lowest

QPSK / 1.4MHz / 1RB / Highest

QPSK / 1.4MHz / Full RB / Lowest

QPSK / 1.4MHz / Full RB / Highest

QPSK / 3.0MHz / 1RB / Lowest

QPSK / 3.0MHz / 1RB / Highest

QPSK / 3.0MHz / Full RB / Lowest

QPSK / 3.0MHz / Full RB / Highest

QPSK / 5.0MHz / 1RB / Lowest

QPSK / 5.0MHz / 1RB / Highest

QPSK / 5.0MHz / Full RB / Lowest

QPSK / 5.0MHz / Full RB / Highest

QPSK / 10MHz / 1RB / Lowest

QPSK / 10MHz / 1RB / Highest

QPSK / 10MHz / Full RB / Lowest

QPSK / 10MHz / Full RB / Highest

QPSK / 15MHz / 1RB / Lowest

QPSK / 15MHz / 1RB / Highest

QPSK / 15MHz / Full RB / Lowest

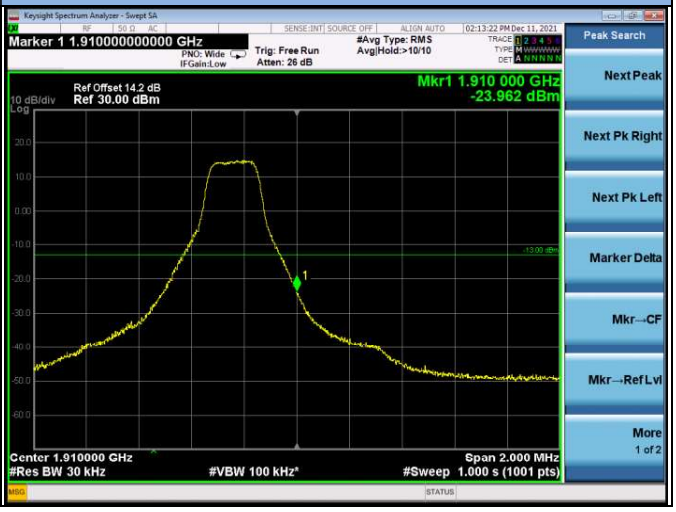
QPSK / 15MHz / Full RB / Highest

QPSK / 20MHz / 1RB / Lowest

QPSK / 20MHz / 1RB / Highest

QPSK / 20MHz / Full RB / Lowest

QPSK / 20MHz / Full RB / Highest

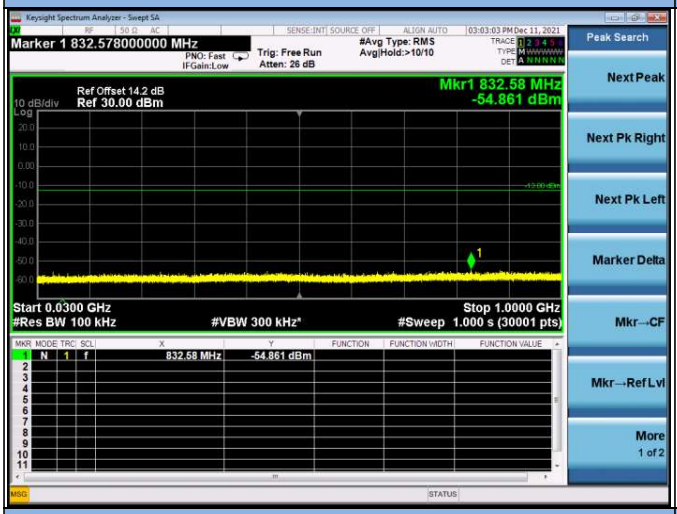
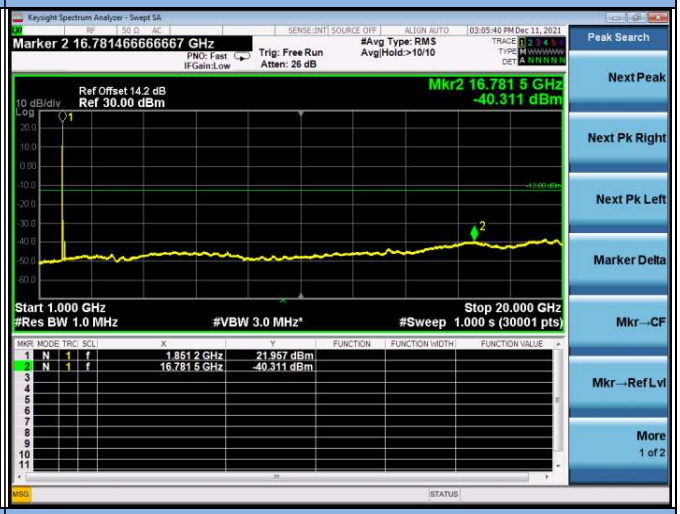
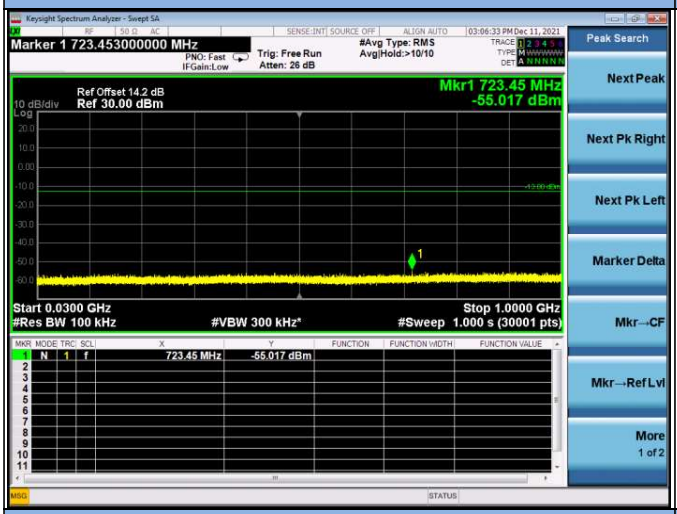
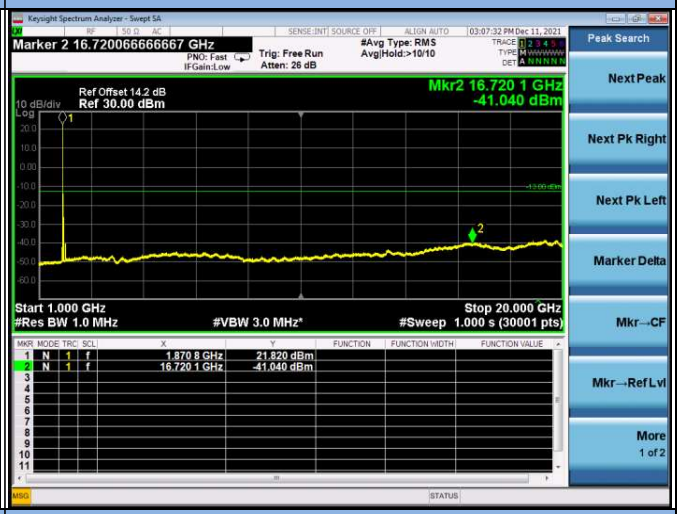
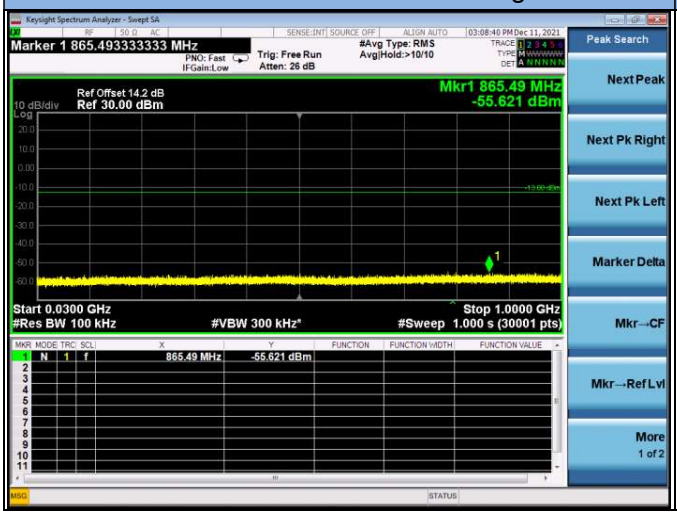
16QAM / 1.4MHz / 1RB / Lowest	16QAM / 1.4MHz / 1RB / Highest
	
16QAM / 1.4MHz / Full RB / Lowest	16QAM / 1.4MHz / Full RB / Highest
	
16QAM / 3.0MHz / 1RB / Lowest	16QAM / 3.0MHz / 1RB / Highest
	

16QAM / 3.0MHz / Full RB / Lowest	16QAM / 3.0MHz / Full RB / Highest
	
16QAM / 5.0MHz / 1RB / Lowest	16QAM / 5.0MHz / 1RB / Highest
	
16QAM / 5.0MHz / Full RB / Lowest	16QAM / 5.0MHz / Full RB / Highest
	

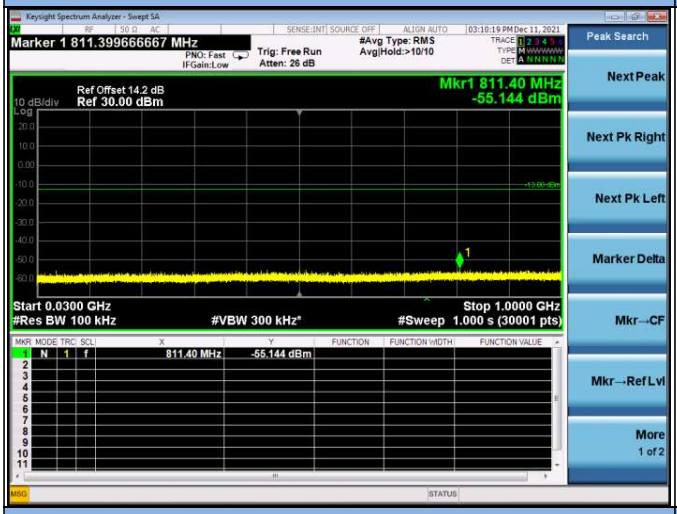
16QAM / 10MHz / 1RB / Lowest	16QAM / 10MHz / 1RB / Highest
	
16QAM / 10MHz / Full RB / Lowest	**16QAM / 10MHz / Full RB / Highest**
	
16QAM / 15MHz / 1RB / Lowest	**16QAM / 15MHz / 1RB / Highest**
	

16QAM / 15MHz / Full RB / Lowest	16QAM / 15MHz / Full RB / Highest
	
16QAM / 20MHz / 1RB / Lowest	16QAM / 20MHz / 1RB / Highest
	
16QAM / 20MHz / Full RB / Lowest	16QAM / 20MHz / Full RB / Highest
	

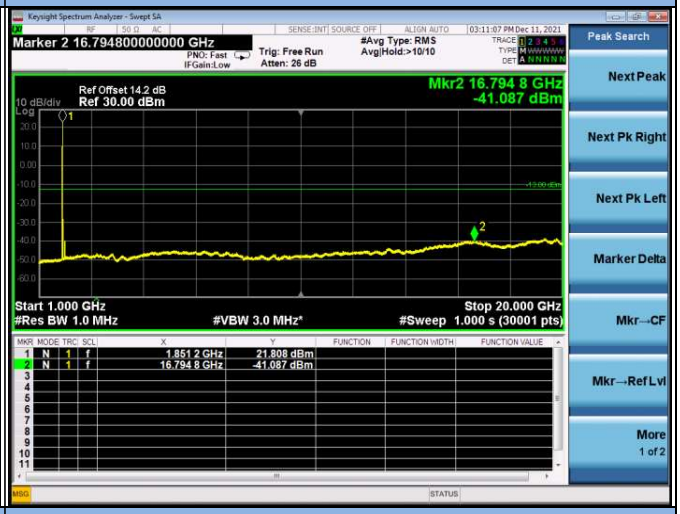
6. Transmitter Spurious Emissions

QPSK / 20MHz / 1RB / 0 offset / Lowest	QPSK / 20MHz / 1RB / 0 offset / Lowest
	
QPSK / 20MHz / 1RB / 0 offset / Middle	QPSK / 20MHz / 1RB / 0 offset / Middle
	
QPSK / 20MHz / 1RB / 0 offset / Highest	QPSK / 20MHz / 1RB / 0 offset / Highest
	

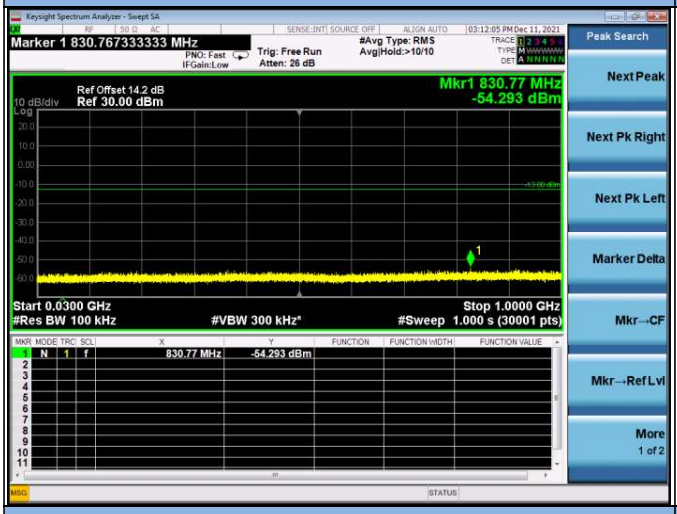
16QAM / 20MHz / 1RB / 0 offset / Lowest



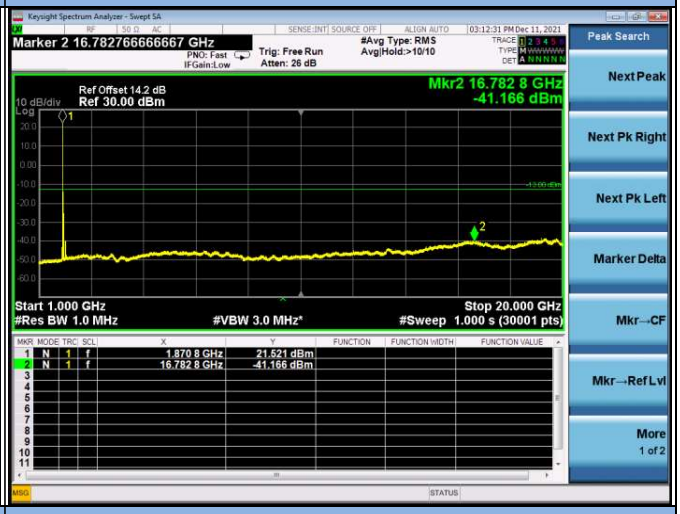
16QAM / 20MHz / 1RB / 0 offset / Lowest



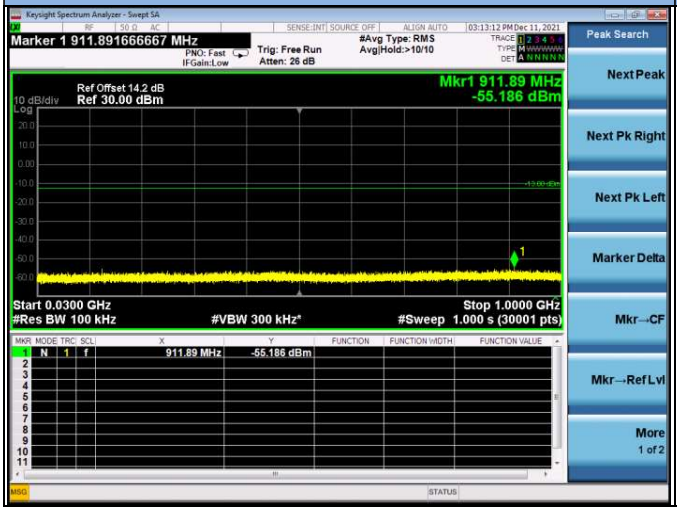
16QAM / 20MHz / 1RB / 0 offset / Middle



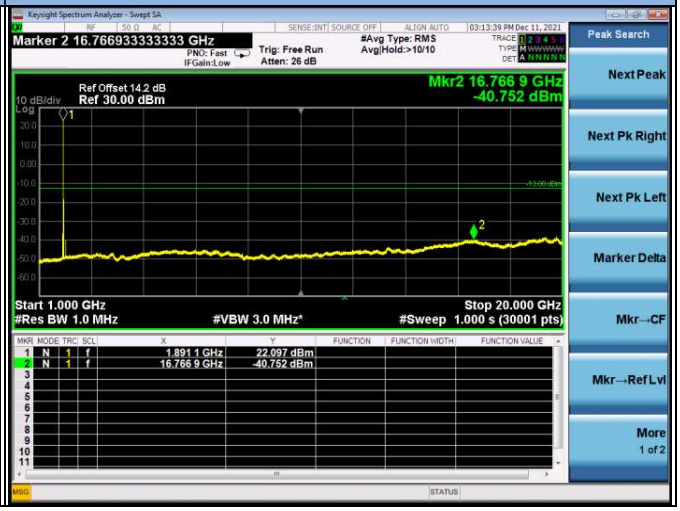
16QAM / 20MHz / 1RB / 0 offset / Middle



16QAM / 20MHz / 1RB / 0 offset / Highest



16QAM / 20MHz / 1RB / 0 offset / Highest



7. Field Strength of Spurious Radiation

LTE Band 2 / 20M / QPSK					
Channel	**Frequency (MHz)**	**Polarization (H/V)**	**Meas. Level (dBm)**	**Limit (dBm)**	**Margin (dBm)**
Lowest	285.1099	H	-49.40	-13	-36.40
	3720	H	-36.97	-13	-23.97
	5580	H	-32.27	-13	-19.27
	7440	H	-30.05	-13	-17.05
	199.7500	V	-64.85	-13	-51.85
	3720	V	-36.64	-13	-23.64
	5580	V	-30.26	-13	-17.26
	7440	V	-27.15	-13	-14.15
Middle	149.3100	H	-53.56	-13	-40.56
	3760	H	-35.24	-13	-22.24
	5640	H	-31.24	-13	-18.24
	7520	H	-28.82	-13	-15.82
	584.8400	V	-62.49	-13	-49.49
	3760	V	-35.28	-13	-22.28
	5640	V	-28.97	-13	-15.97
	7520	V	-23.14	-13	-10.14
Highest	149.3100	H	-54.98	-13	-41.98
	3800	H	-36.12	-13	-23.12
	5700	H	-32.03	-13	-19.03
	7600	H	-29.95	-13	-16.95
	588.6700	V	-64.02	-13	-51.02
	3800	V	-37.11	-13	-24.11
	5700	V	-29.84	-13	-16.84
	7600	V	-26.60	-13	-13.60

Note: Other emissions are more than 20dB below the limits.

8. Frequency Stability

LTE Band 2 / 20M / QPSK / Full RB					
Middle channel, f_o = 1880.0 MHz					
Temperature (℃)	**Power Supplied (Vdc)**	**Frequency Error (Hz)**	**Frequency Error (ppm)**	**Limit (dBm)**	**Result**
-30	12	3.0	0.001596	±2.5	PASS
-20		-4.7	-0.002500	±2.5	PASS
-10		-4.4	-0.002340	±2.5	PASS
0		-2.7	-0.001436	±2.5	PASS
20		-1.4	-0.000745	±2.5	PASS
30		-2.9	-0.001543	±2.5	PASS
40		5.1	0.002713	±2.5	PASS
50		-2.2	-0.001170	±2.5	PASS
20	10.8	-1.3	-0.000691	±2.5	PASS
	52.8	1.7	0.000904	±2.5	PASS

---End---