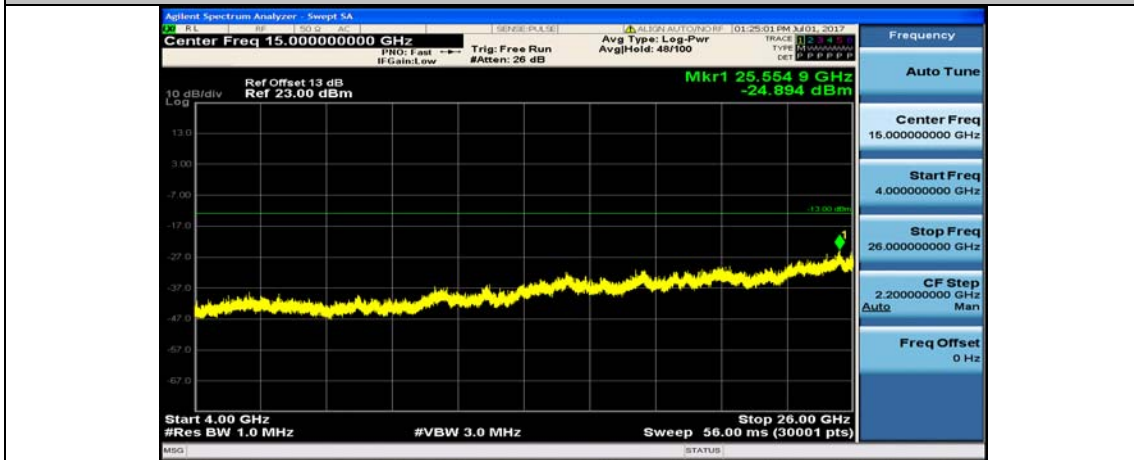
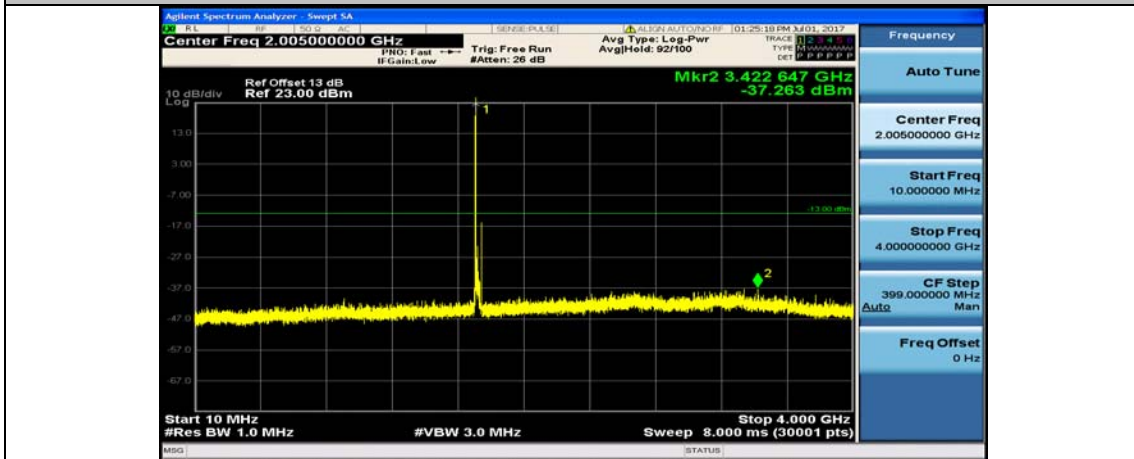


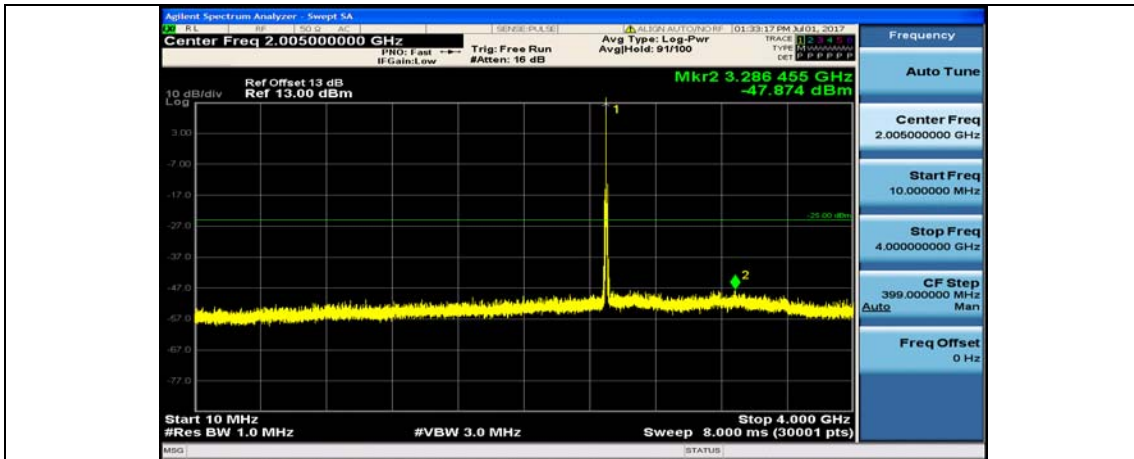
Band4\_20MHz\_QPSK\_20050\_1RB#0\_4000~26000MHz



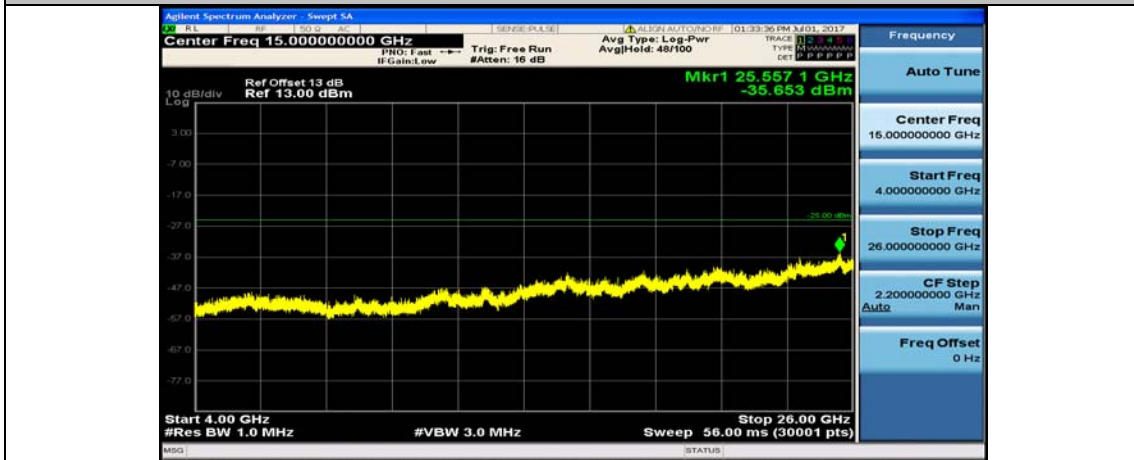
Band4\_20MHz\_16QAM\_20050\_1RB#0\_10~4000MHz



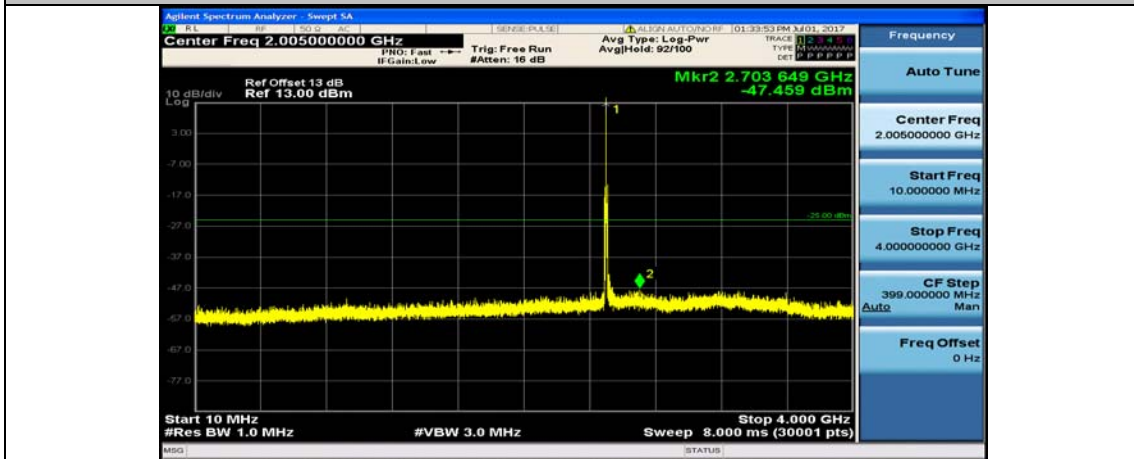
Band7\_5MHz\_QPSK\_20775\_1RB#0\_10~4000MHz



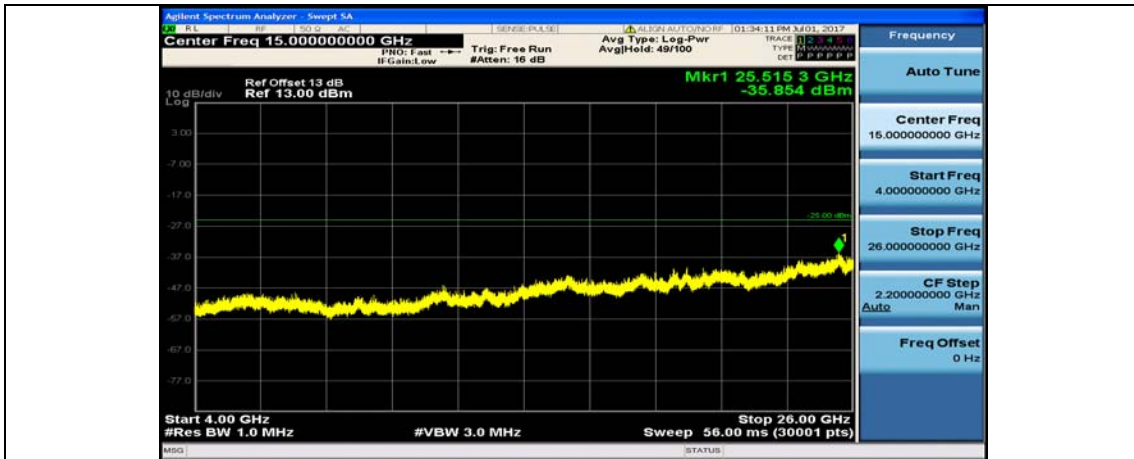
Band7\_5MHz\_QPSK\_20775\_1RB#0\_400~26000MHz



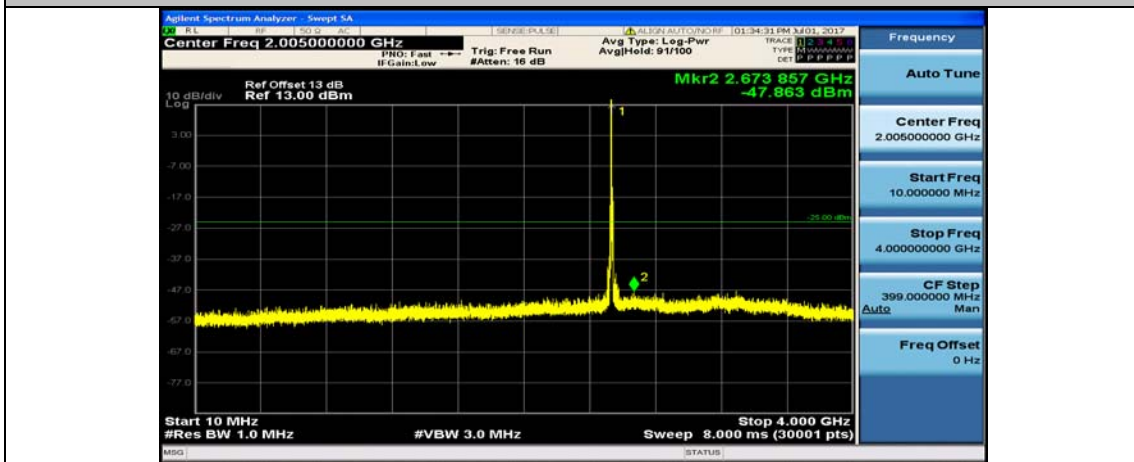
Band7\_5MHz\_16QAM\_20775\_1RB#0\_10~4000MHz



Band7\_5MHz\_16QAM\_20775\_1RB#0\_400~26000MHz



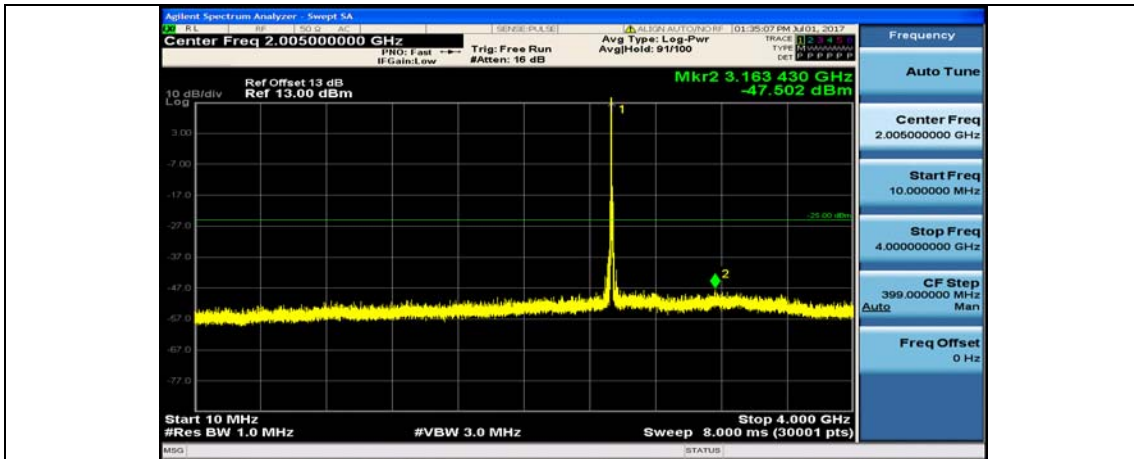
Band7\_5MHz\_QPSK\_21100\_1RB#0\_10~4000MHz



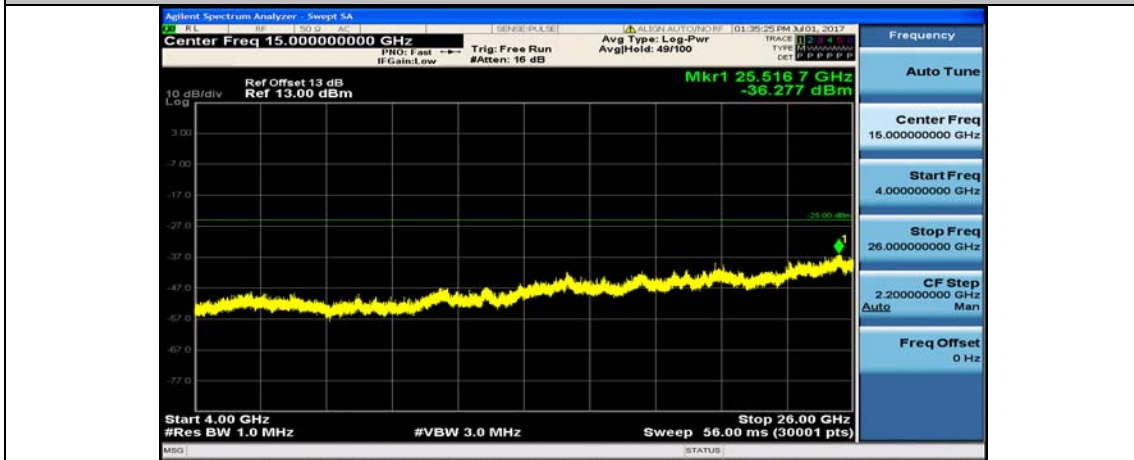
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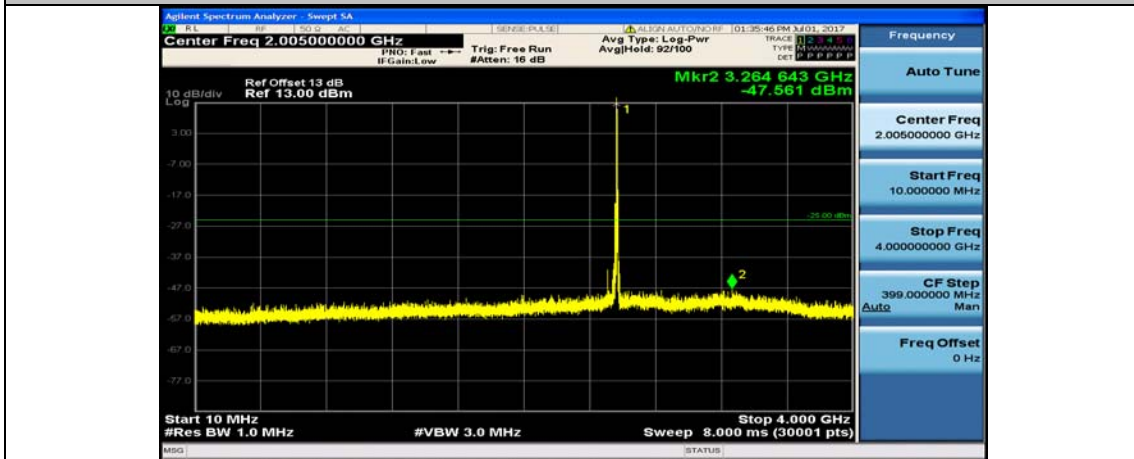
Band7\_5MHz\_16QAM\_21100\_1RB#0\_10~4000MHz



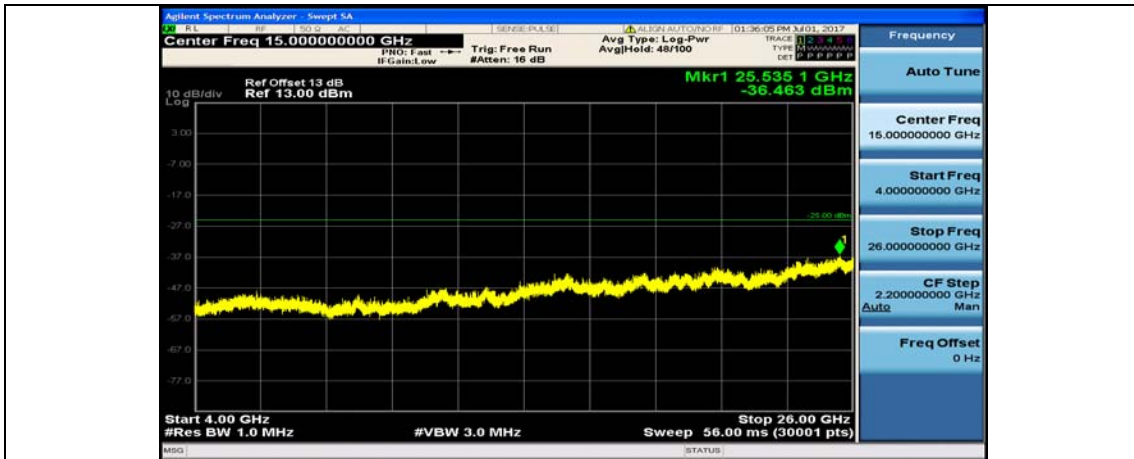
Band7\_5MHz\_16QAM\_21100\_1RB#0\_4000~26000MHz



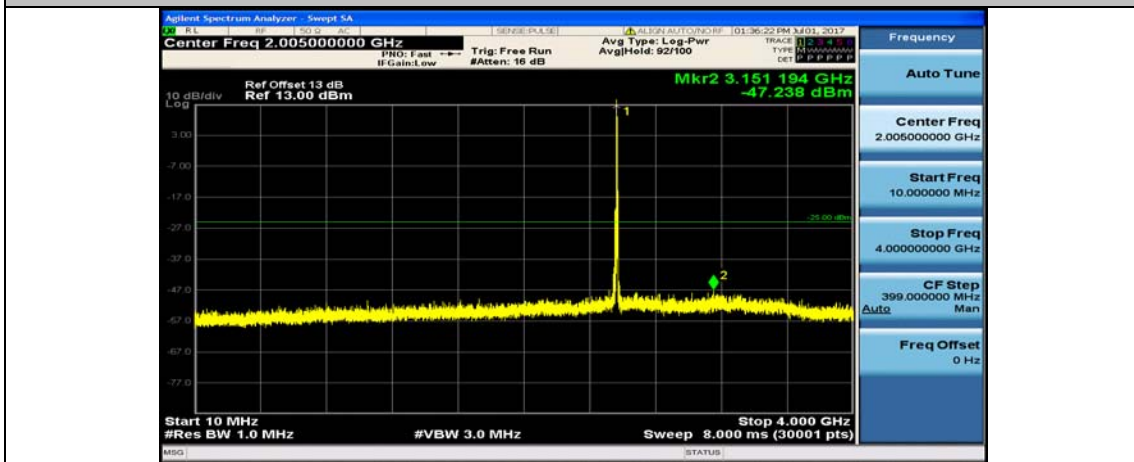
Band7\_5MHz\_QPSK\_21425\_1RB#0\_10~4000MHz



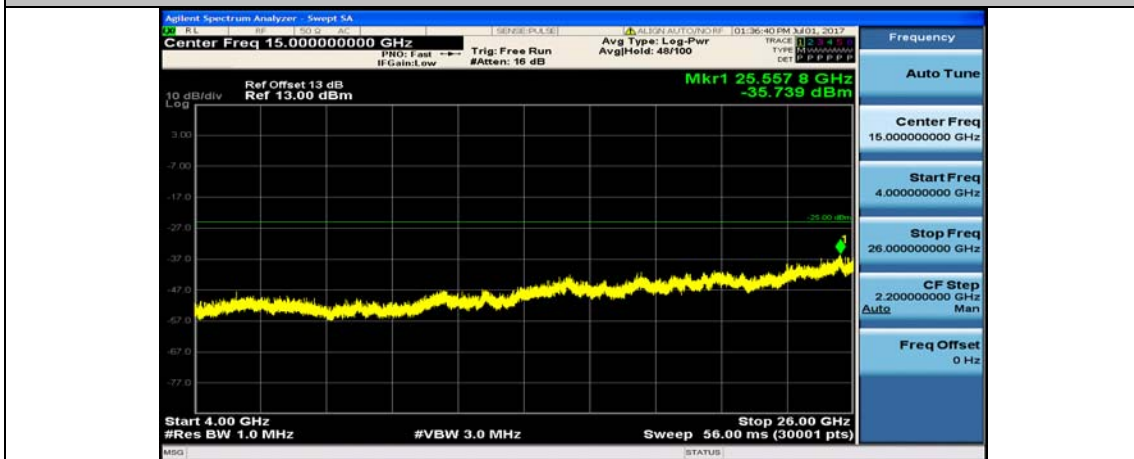
Band7\_5MHz\_QPSK\_21425\_1RB#0\_4000~26000MHz



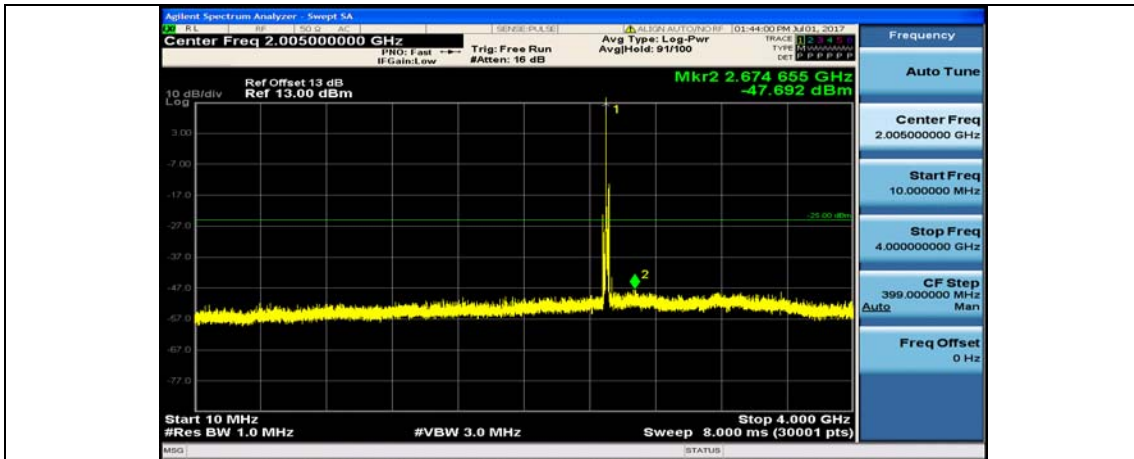
Band7\_5MHz\_16QAM\_21425\_1RB#0\_10~4000MHz



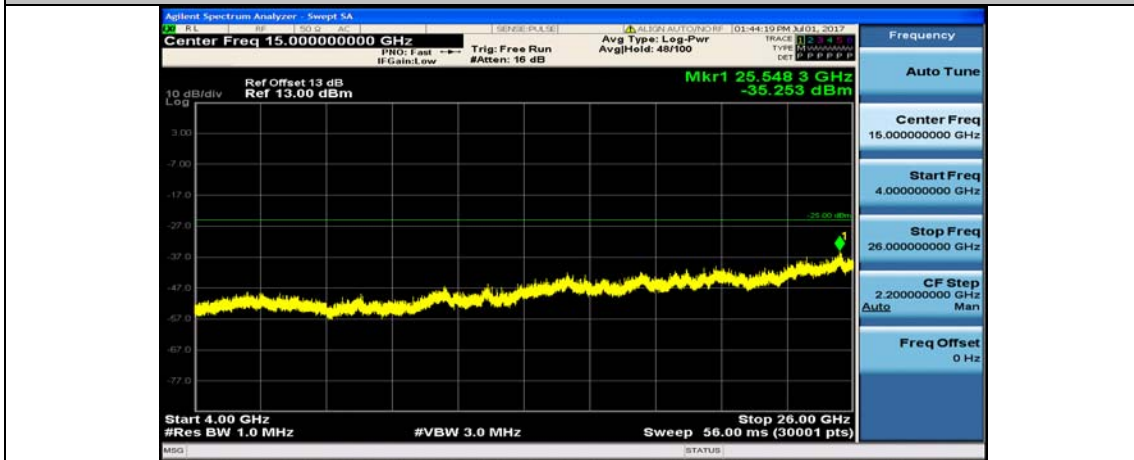
Band7\_5MHz\_16QAM\_21425\_1RB#0\_4000~26000MHz



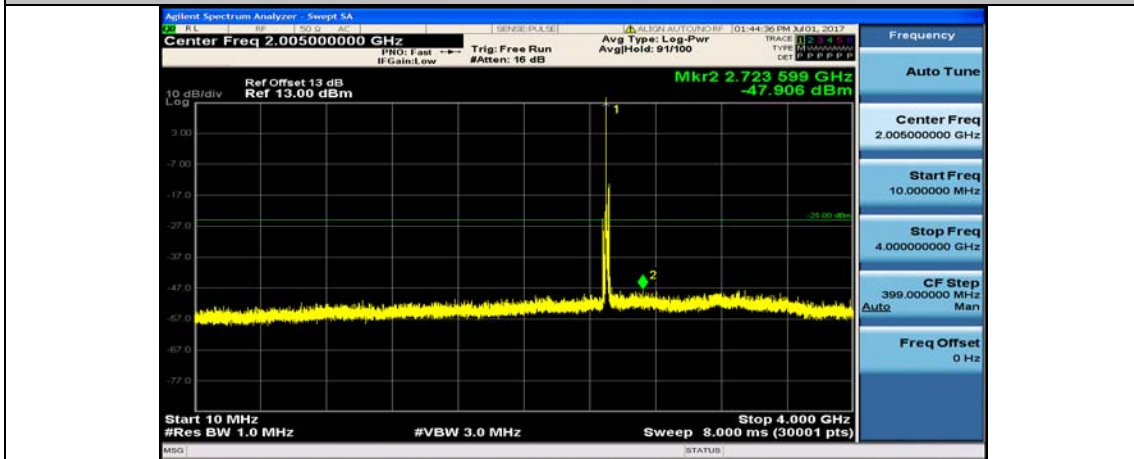
Band7\_10MHz\_QPSK\_20800\_1RB#0\_10~4000MHz



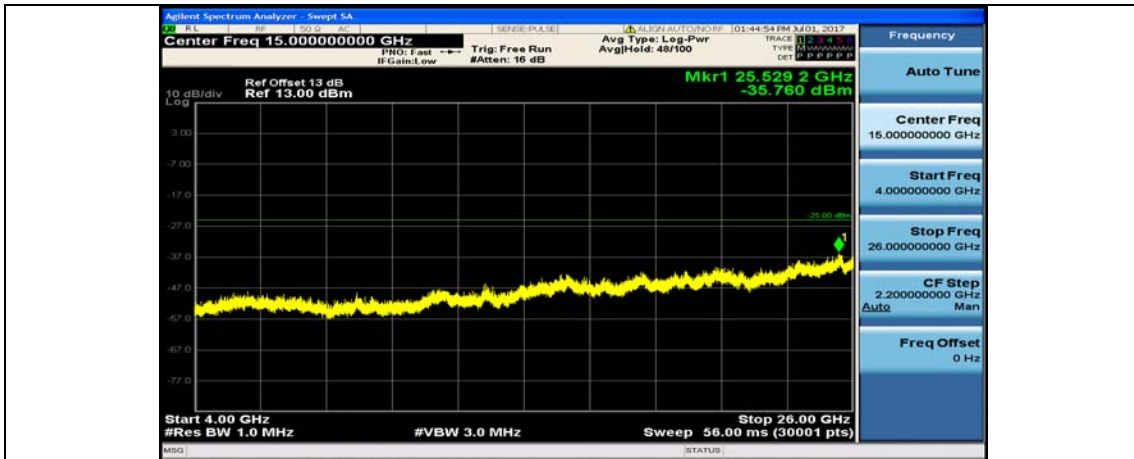
Band7\_10MHz\_QPSK\_20800\_1RB#0\_4000~26000MHz



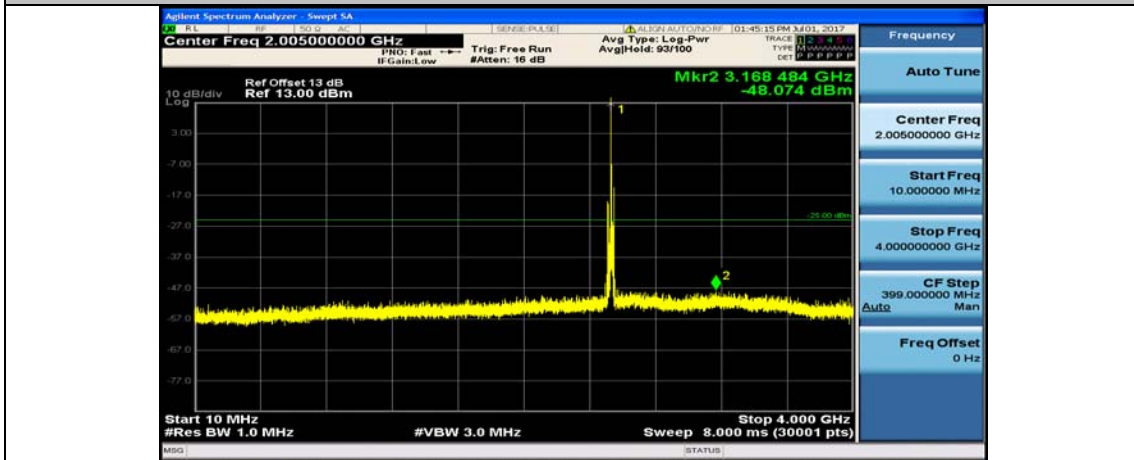
Band7\_10MHz\_16QAM\_20800\_1RB#0\_10~4000MHz



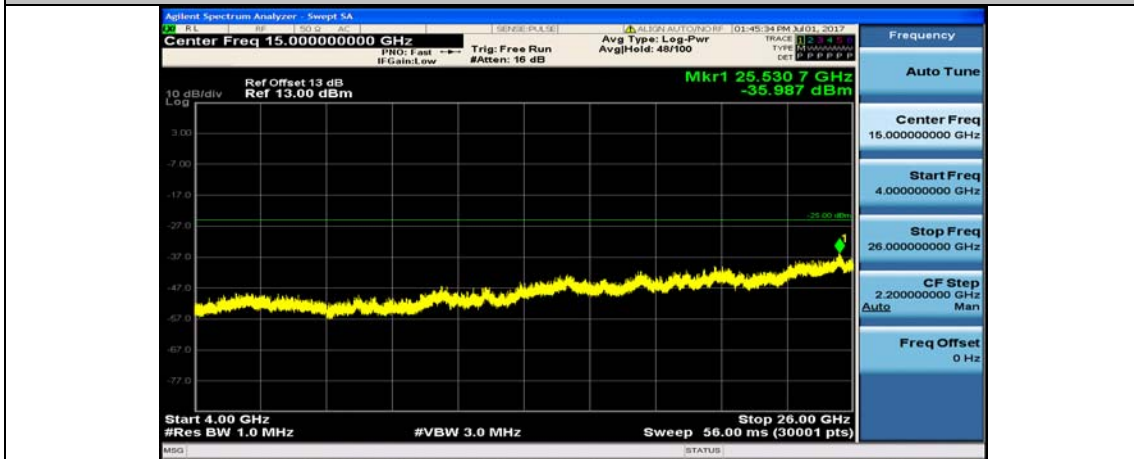
Band7\_10MHz\_16QAM\_20800\_1RB#0\_4000~26000MHz



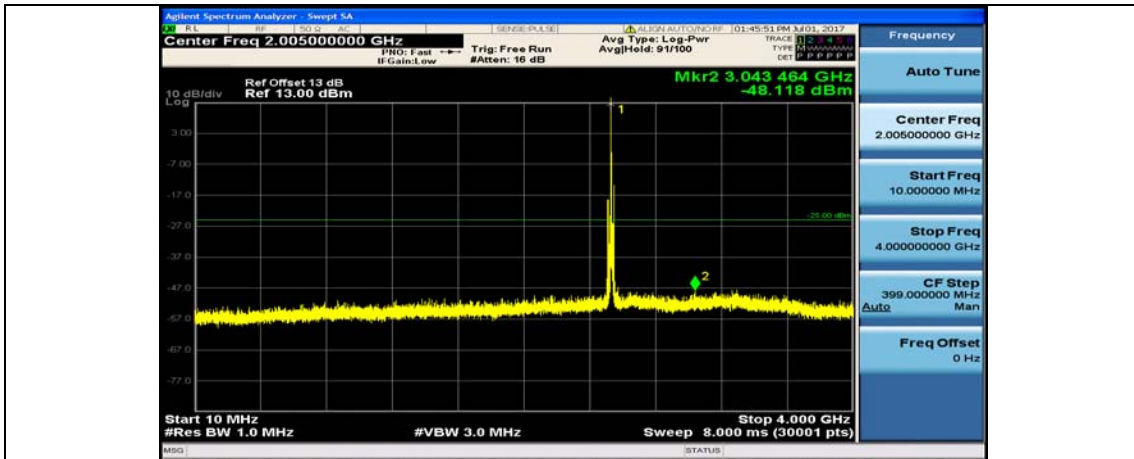
Band7\_10MHz\_QPSK\_21100\_1RB#0\_10~4000MHz



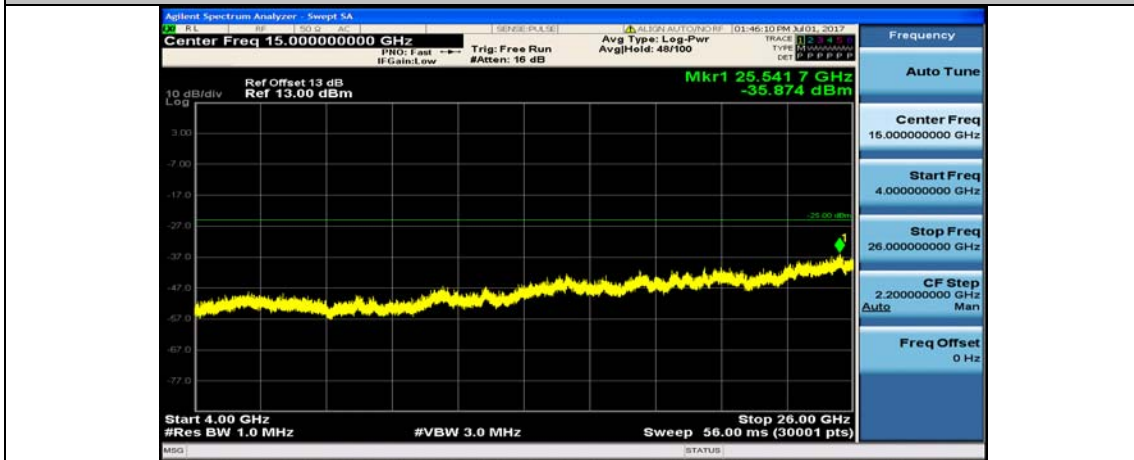
Band7\_10MHz\_QPSK\_21100\_1RB#0\_4000~26000MHz



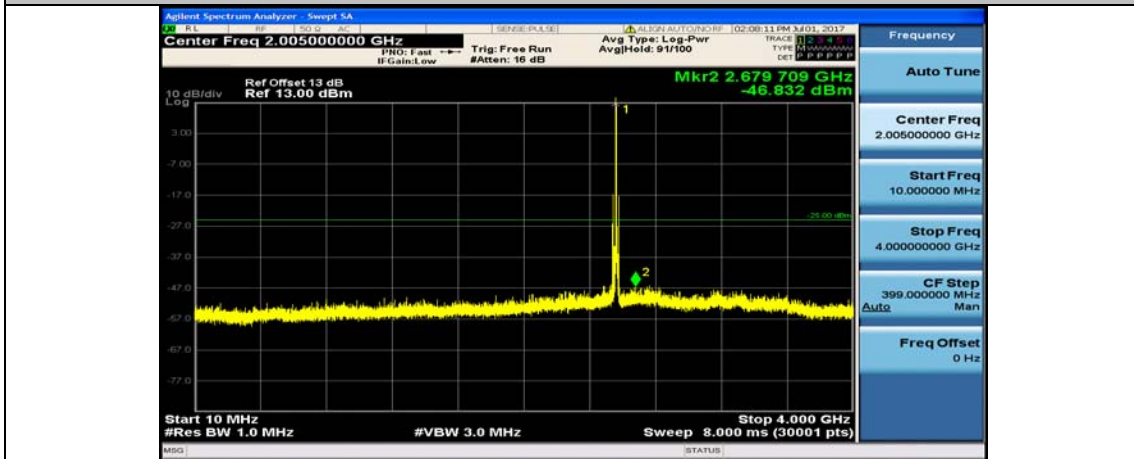
Band7\_10MHz\_16QAM\_21100\_1RB#0\_10~4000MHz



Band7\_10MHz\_16QAM\_21100\_1RB#0\_400~26000MHz

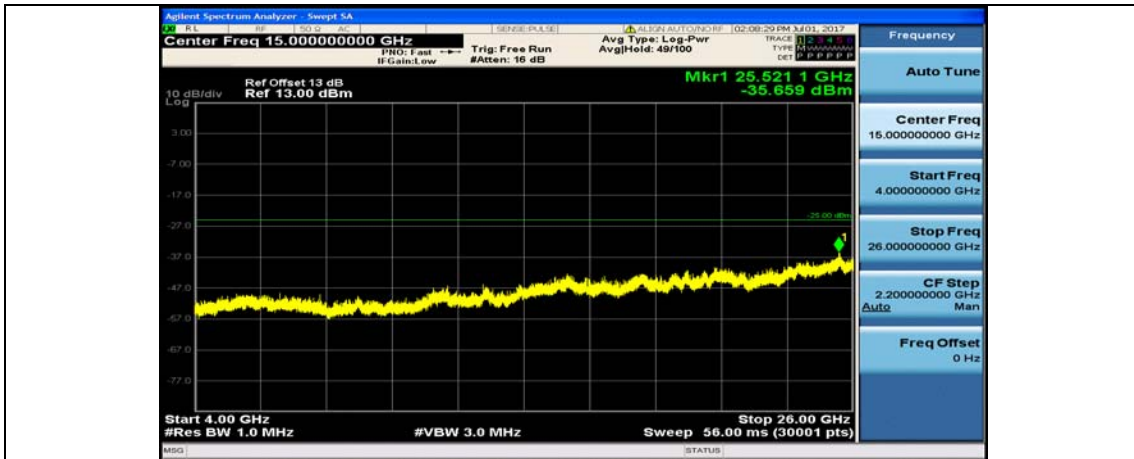


Band7\_10MHz\_QPSK\_21400\_1RB#0\_10~4000MHz

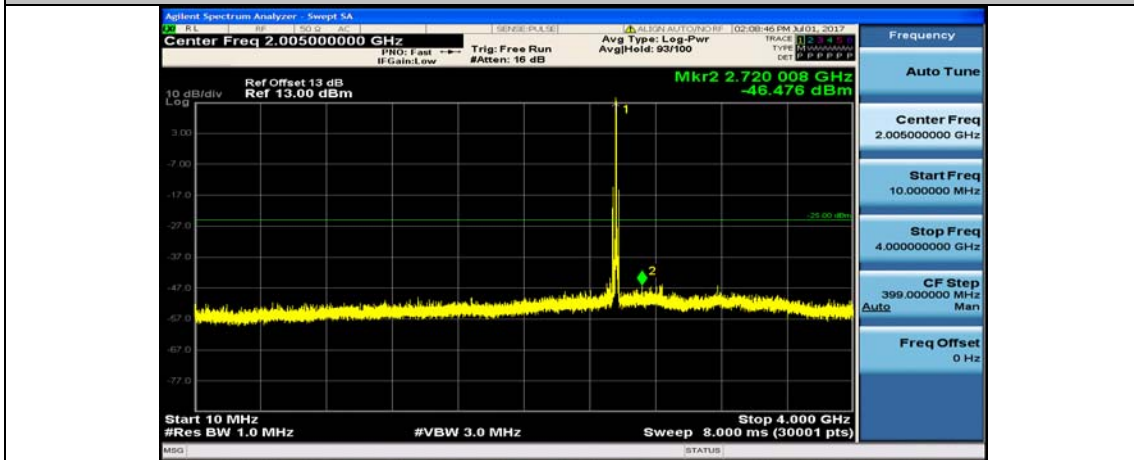


Band7\_10MHz\_QPSK\_21400\_1RB#0\_400~26000MHz

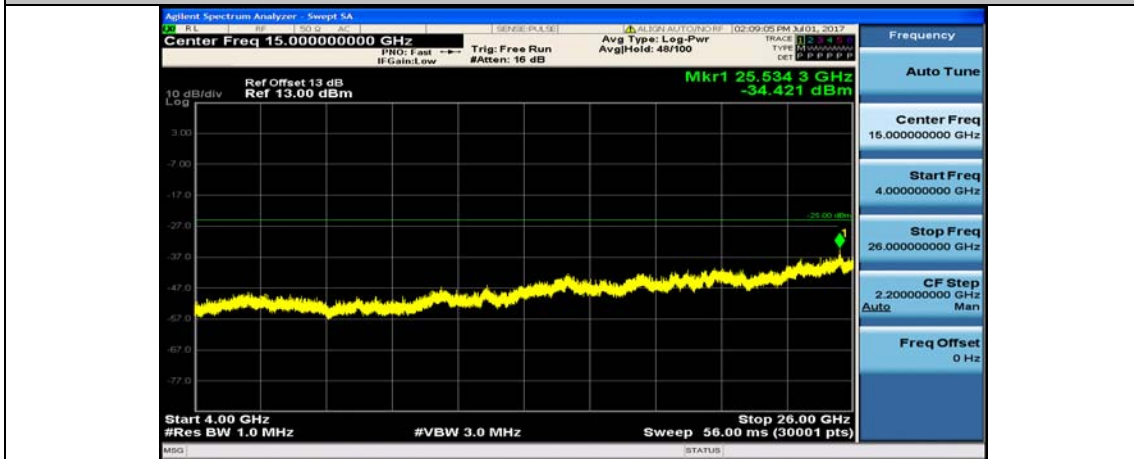




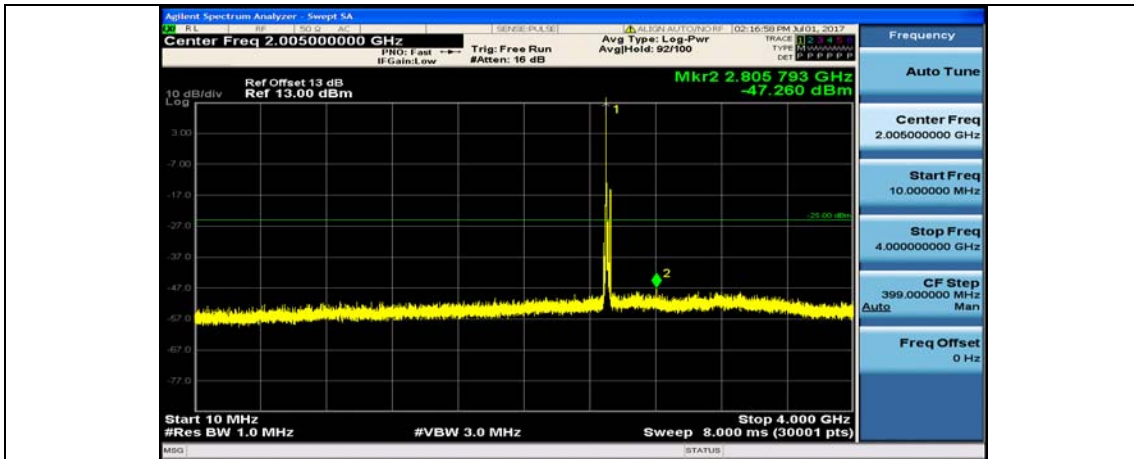
Band7\_10MHz\_16QAM\_21400\_1RB#0\_10~4000MHz



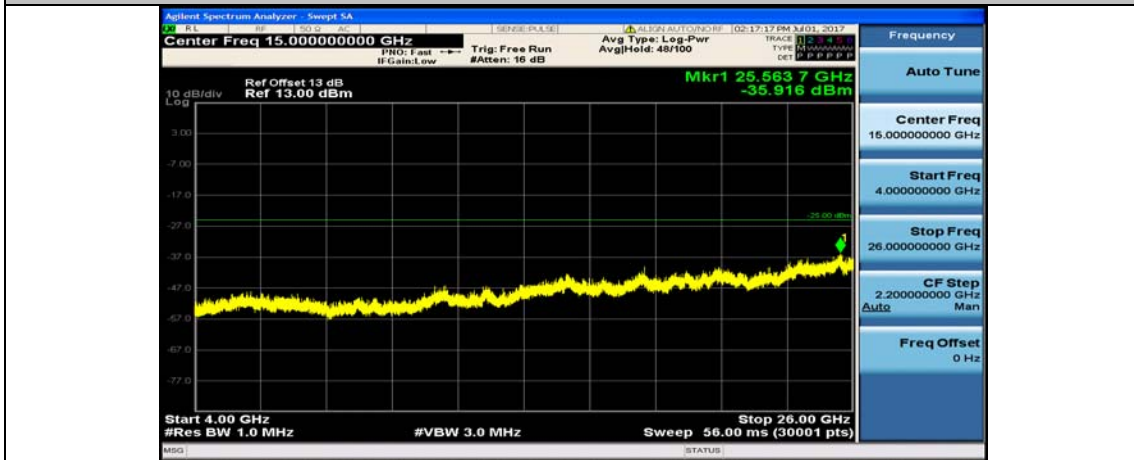
Band7\_10MHz\_16QAM\_21400\_1RB#0\_400~26000MHz



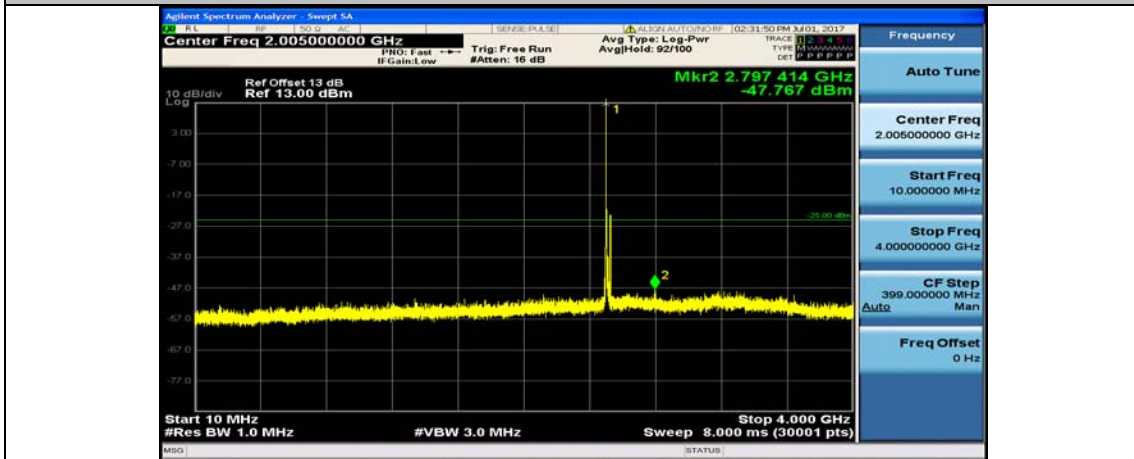
Band7\_15MHz\_QPSK\_20825\_1RB#0\_10~4000MHz



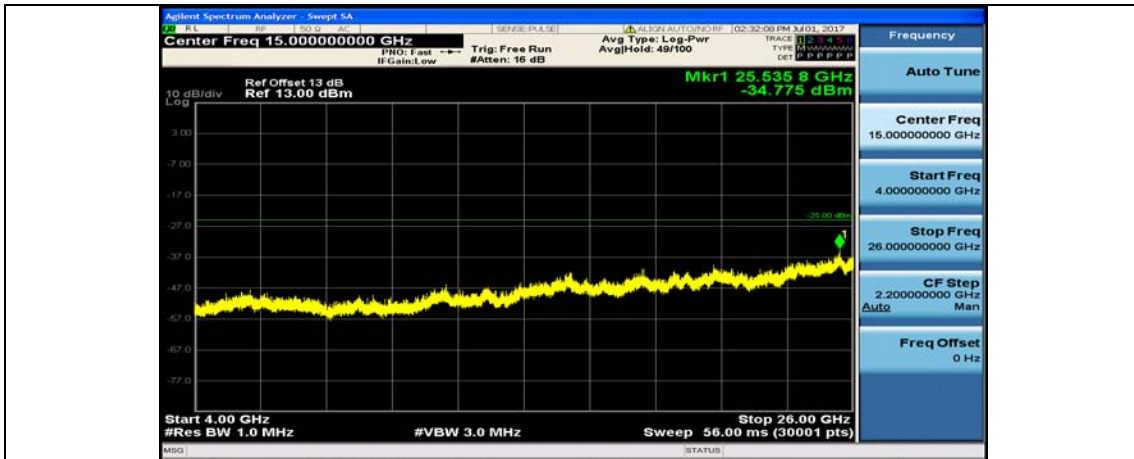
Band7\_15MHz\_QPSK\_20825\_1RB#0\_4000~26000MHz



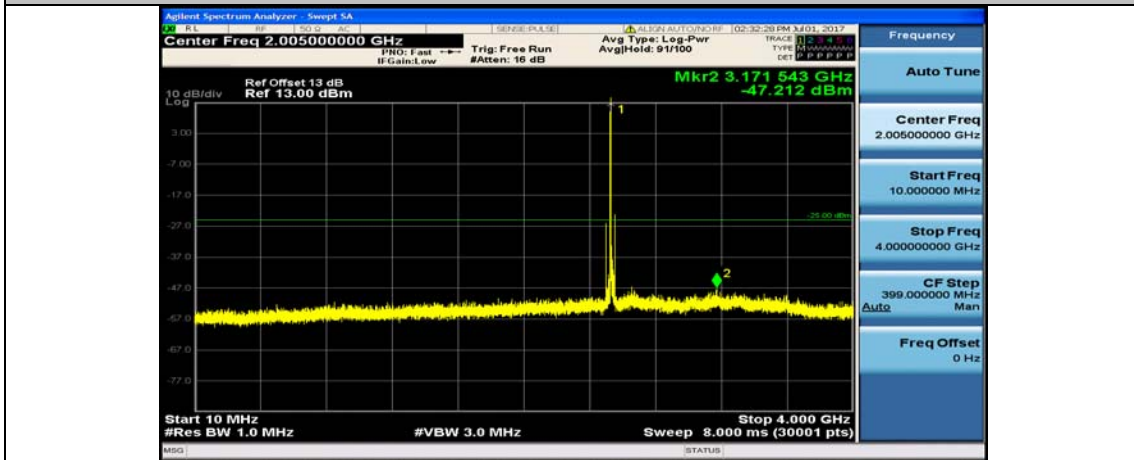
Band7\_15MHz\_16QAM\_20825\_1RB#0\_10~4000MHz



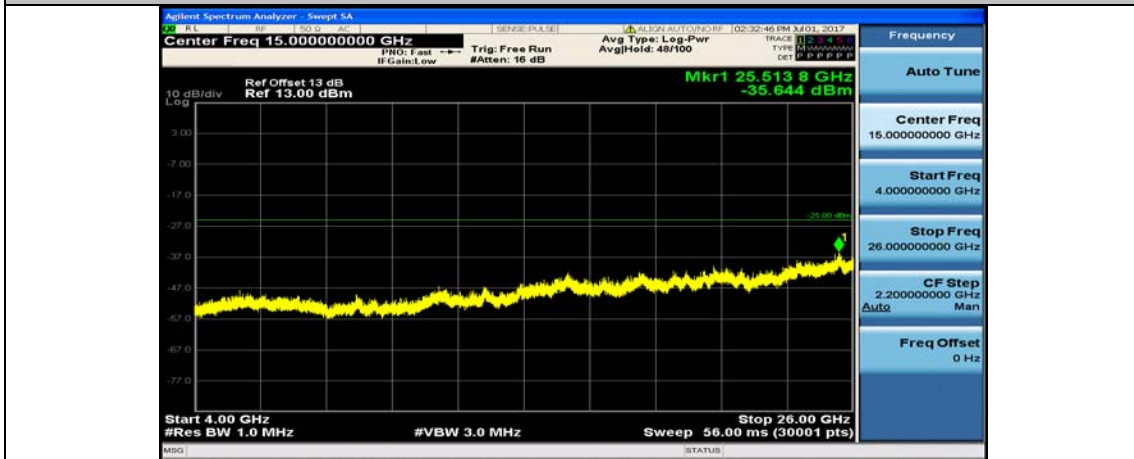
Band7\_15MHz\_16QAM\_20825\_1RB#0\_4000~26000MHz



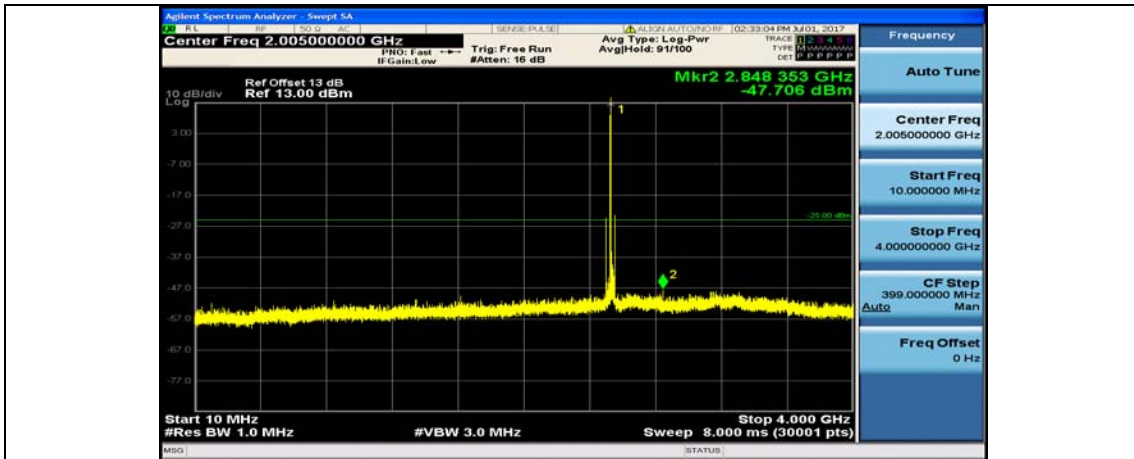
Band7\_15MHz\_QPSK\_21100\_1RB#0\_10~4000MHz



Band7\_15MHz\_QPSK\_21100\_1RB#0\_4000~26000MHz



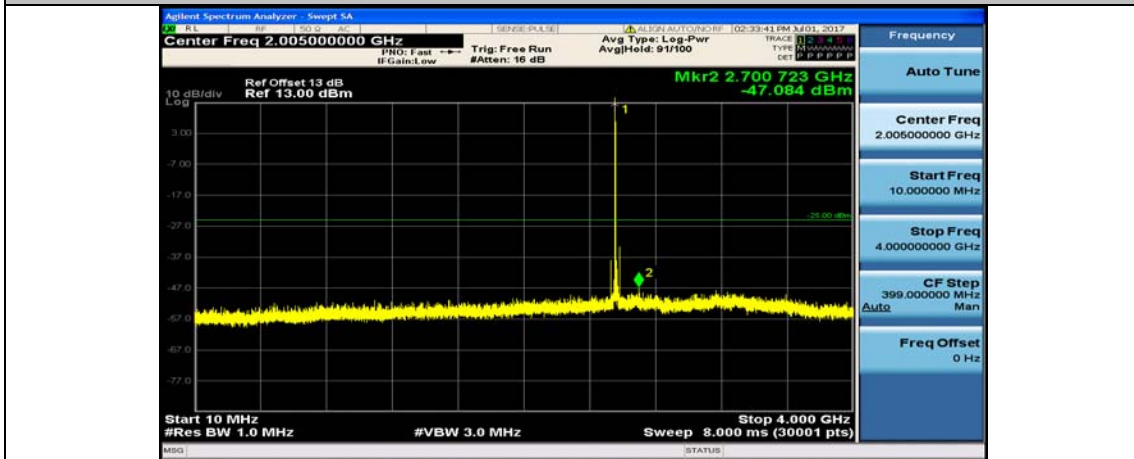
Band7\_15MHz\_16QAM\_21100\_1RB#0\_10~4000MHz



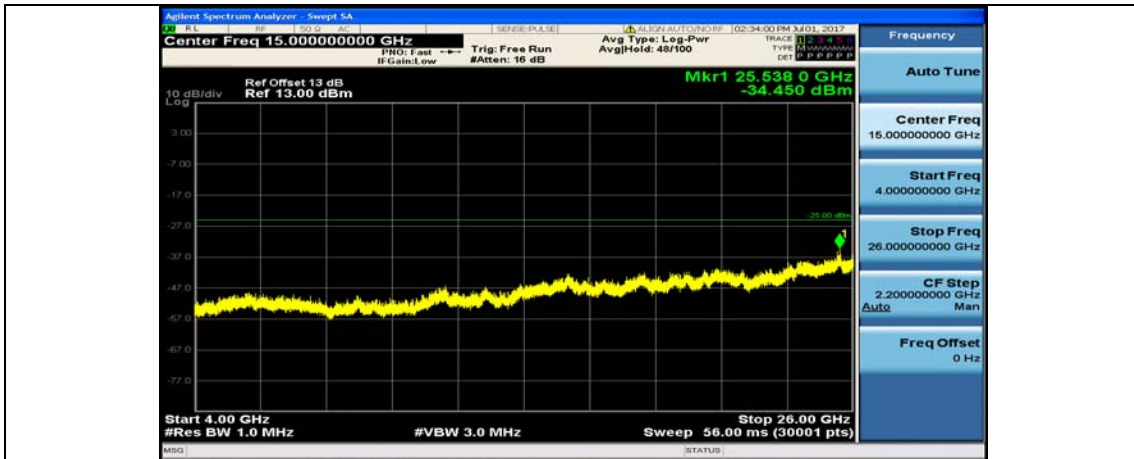
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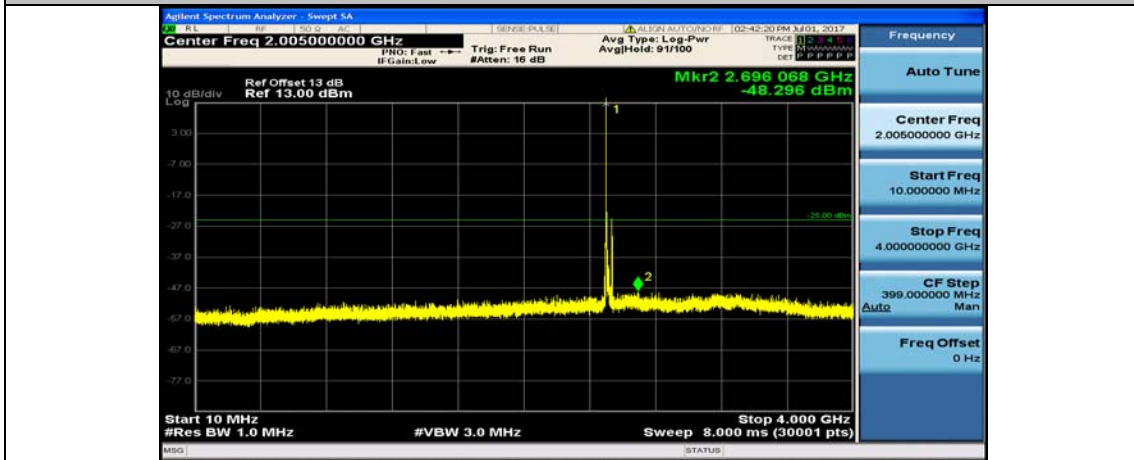
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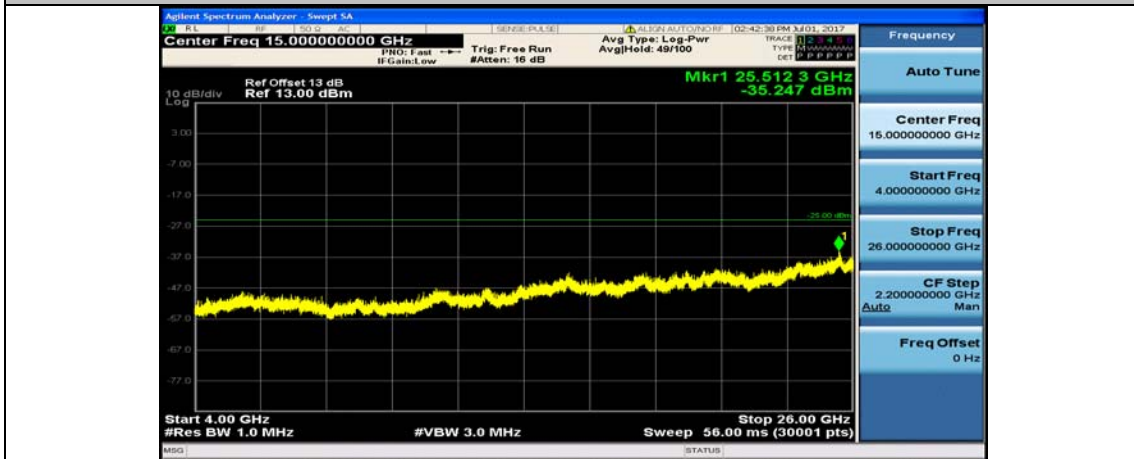
Band7\_15MHz\_QPSK\_21375\_1RB#0\_4000~26000MHz



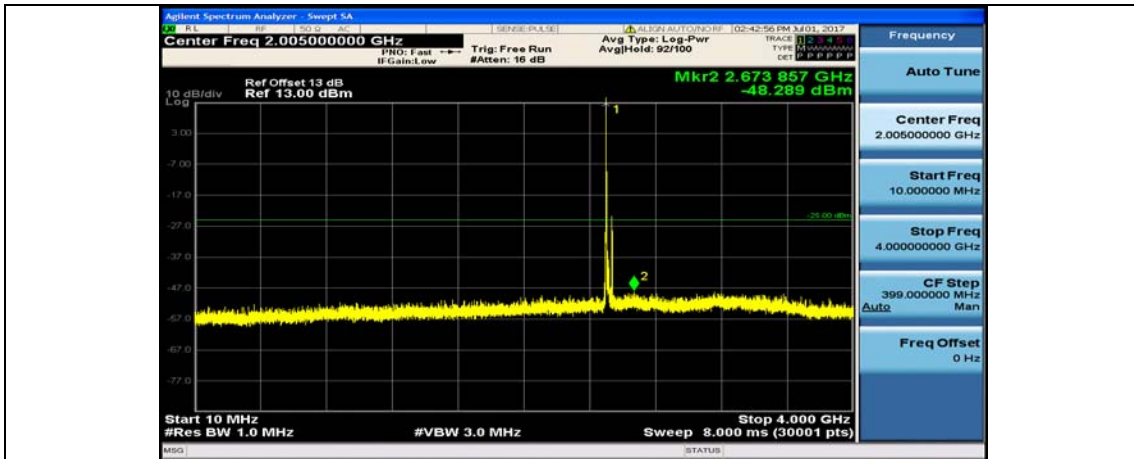
Band7\_20MHz\_QPSK\_20850\_1RB#0\_10~4000MHz



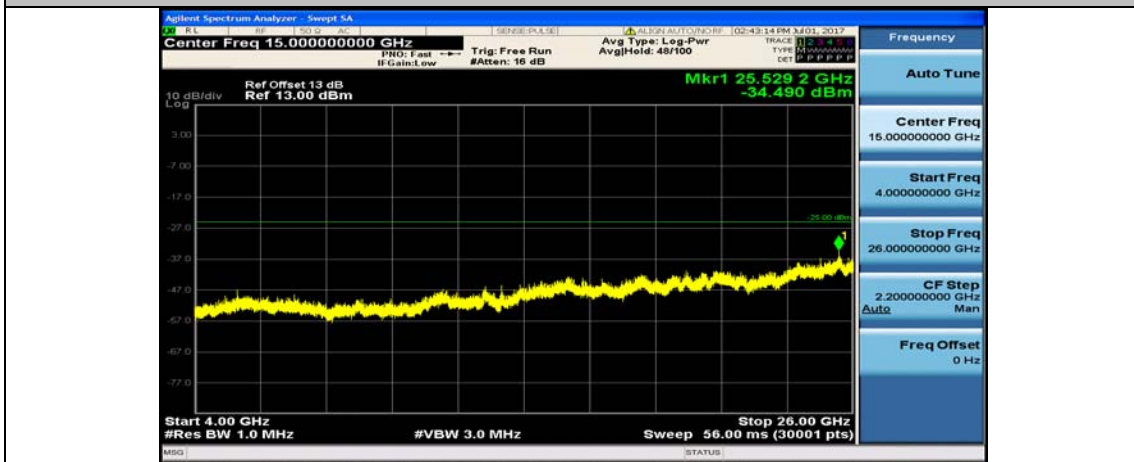
Band7\_20MHz\_QPSK\_20850\_1RB#0\_4000~26000MHz



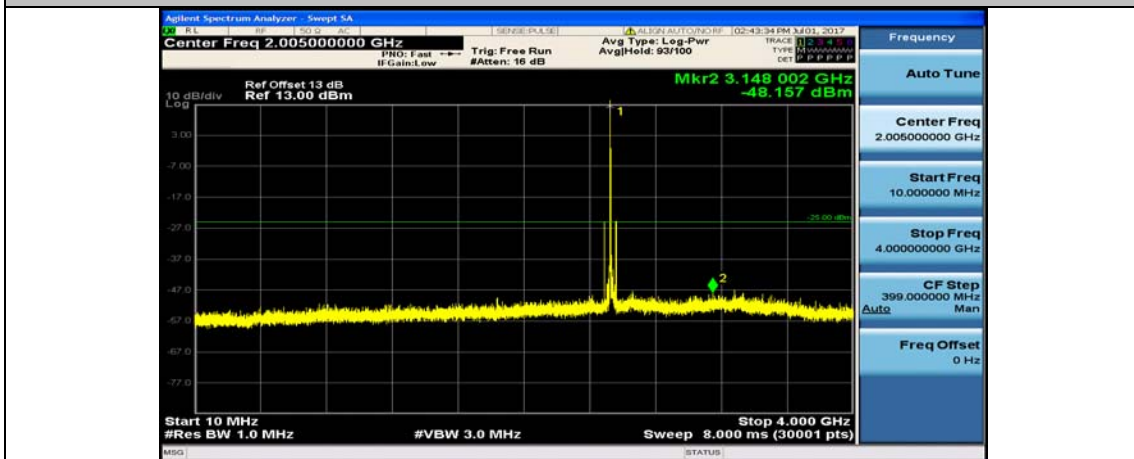
Band7\_20MHz\_16QAM\_20850\_1RB#0\_10~4000MHz



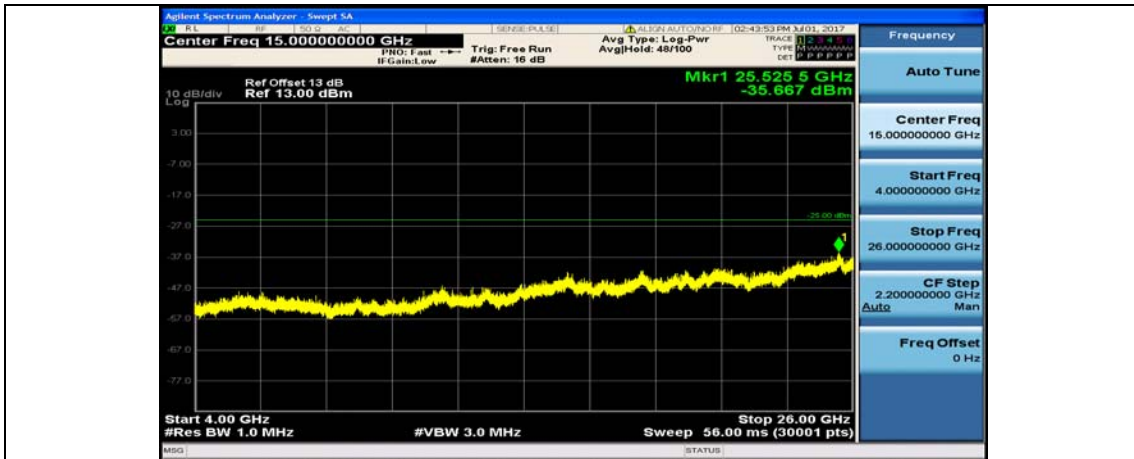
Band7\_20MHz\_16QAM\_20850\_1RB#0\_4000~26000MHz



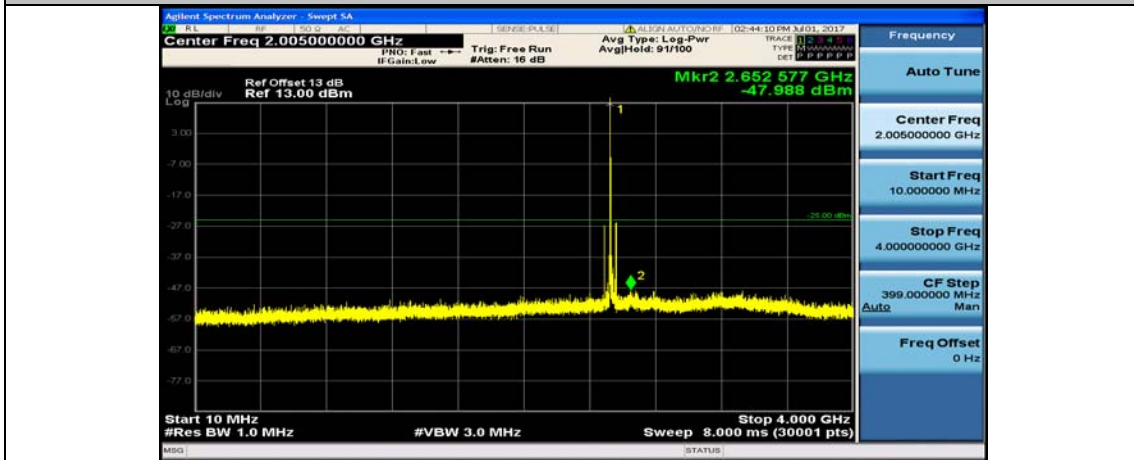
Band7\_20MHz\_QPSK\_21100\_1RB#0\_10~4000MHz



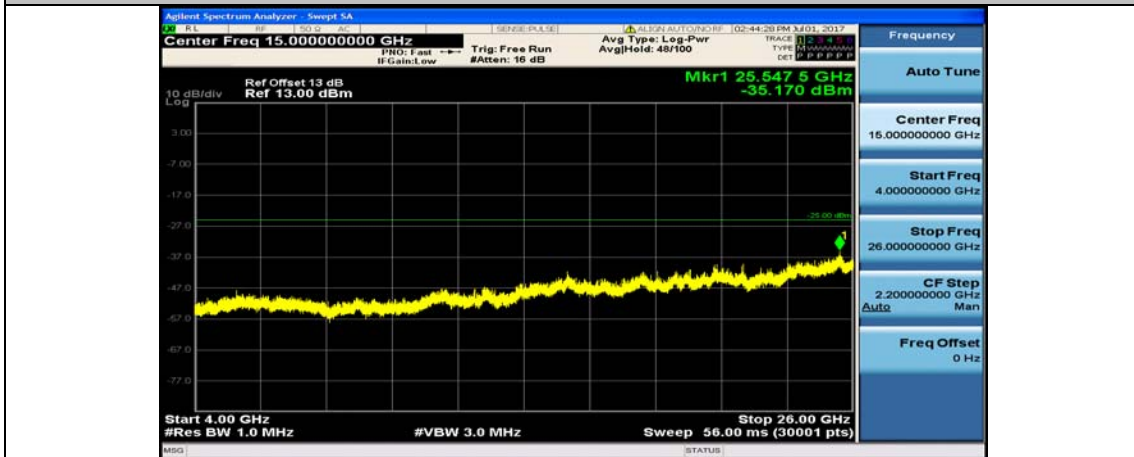
Band7\_20MHz\_QPSK\_21100\_1RB#0\_4000~26000MHz



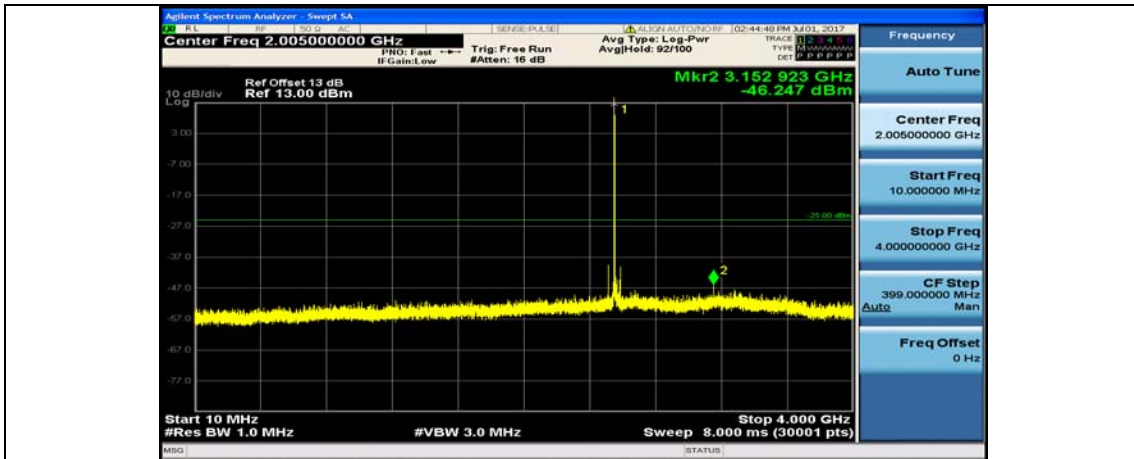
Band7\_20MHz\_16QAM\_21100\_1RB#0\_10~4000MHz



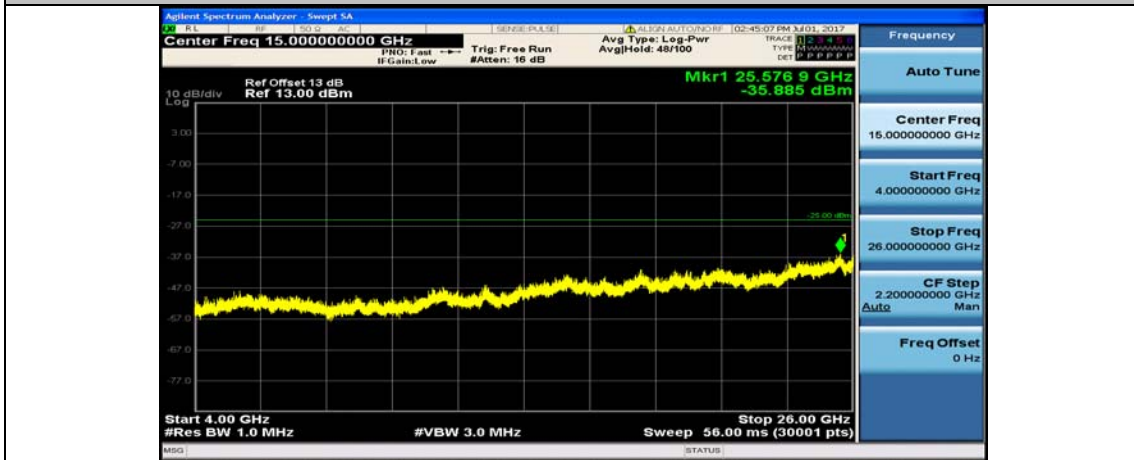
Band7\_20MHz\_16QAM\_21100\_1RB#0\_400~26000MHz



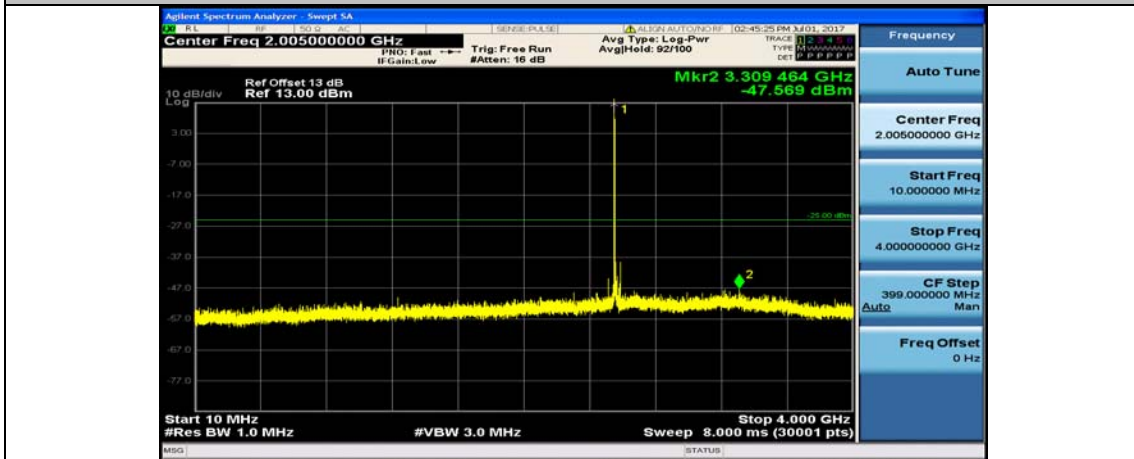
Band7\_20MHz\_QPSK\_21350\_1RB#0\_10~4000MHz



Band7\_20MHz\_QPSK\_21350\_1RB#0\_4000~26000MHz

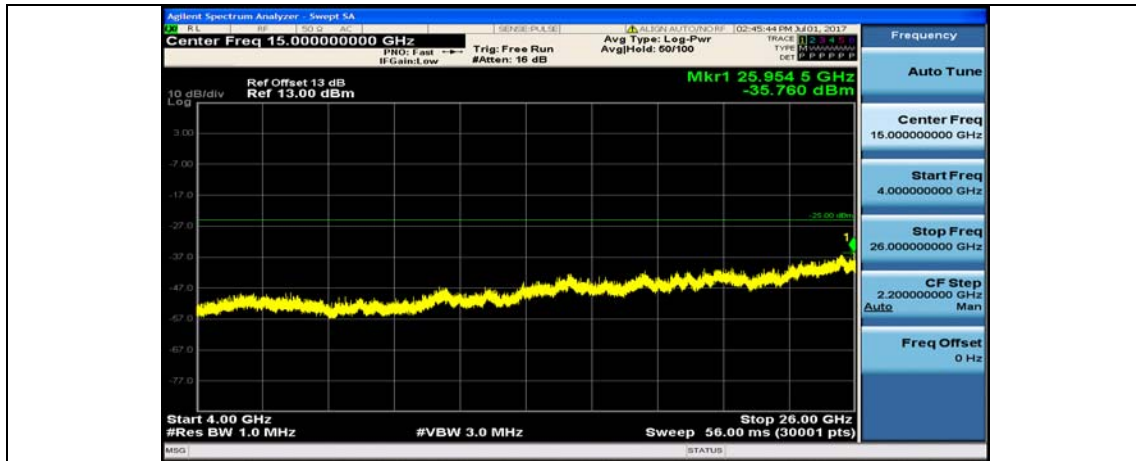


Band7\_20MHz\_16QAM\_21350\_1RB#0\_10~4000MHz



Band7\_20MHz\_16QAM\_21350\_1RB#0\_4000~26000MHz





## Appendix F: Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2	1.4MHz	QPSK	18900	6RB#0	VH	TN	-1.02	-0.000540	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VL	TN	-2.56	-0.001362	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	TN	4.02	0.002138	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VH	TN	-0.84	-0.000449	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VL	TN	1.49	0.000791	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	TN	-2.68	-0.001423	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VH	TN	-3.25	-0.001727	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VL	TN	-5.52	-0.002937	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	TN	5.31	0.002823	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VH	TN	-3.26	-0.001735	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VL	TN	-1.52	-0.000807	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	TN	-2.19	-0.001164	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VH	TN	-1.34	-0.000715	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VL	TN	-1.69	-0.000898	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	TN	2.36	0.001256	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VH	TN	2.79	0.001484	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VL	TN	2.09	0.001111	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	TN	-2.09	-0.001111	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VH	TN	-1.86	-0.000989	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VL	TN	-2.15	-0.001141	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	TN	-0.33	-0.000175	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VH	TN	-1.42	-0.000753	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VL	TN	-0.99	-0.000525	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	TN	-0.24	-0.000129	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VH	TN	-2.03	-0.001080	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VL	TN	-3.86	-0.002054	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	TN	-2.88	-0.001529	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VH	TN	-2.82	-0.001499	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VL	TN	-1.72	-0.000913	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	TN	-0.99	-0.000525	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VH	TN	-0.69	-0.000365	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VL	TN	0.26	0.000137	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	TN	-3.19	-0.001697	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VH	TN	0.63	0.000335	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VL	TN	-0.84	-0.000449	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	TN	-0.33	-0.000175	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VH	TN	-0.11	-0.000066	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VL	TN	-5.18	-0.002989	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	TN	2.47	0.001428	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VH	TN	-1.20	-0.000694	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VL	TN	-2.99	-0.001726	±2.5	PASS

4	1.4MHz	16QAM	20175	6RB#0	VN	TN	-1.90	-0.001098	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VH	TN	-1.53	-0.000883	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VL	TN	-2.17	-0.001255	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	TN	5.87	0.003385	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VH	TN	-2.63	-0.001519	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VL	TN	3.89	0.002246	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	TN	-2.03	-0.001172	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VH	TN	4.18	0.002411	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VL	TN	2.90	0.001676	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	TN	4.61	0.002659	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VH	TN	1.80	0.001040	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VL	TN	4.26	0.002461	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	TN	2.03	0.001172	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VH	TN	2.52	0.001453	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VL	TN	1.10	0.000636	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	TN	3.19	0.001841	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VH	TN	1.00	0.000578	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VL	TN	1.40	0.000809	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	TN	3.32	0.001916	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VH	TN	0.23	0.000132	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VL	TN	0.66	0.000380	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	TN	0.94	0.000545	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VH	TN	1.62	0.000933	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VL	TN	1.46	0.000842	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	TN	1.46	0.000842	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VH	TN	-0.89	-0.000512	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VL	TN	-0.62	-0.000355	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	TN	-0.69	-0.000396	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VH	TN	-1.27	-0.000735	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VL	TN	-0.30	-0.000173	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	TN	-0.99	-0.000570	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VH	TN	1.03	0.000406	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VL	TN	-2.47	-0.000976	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	TN	0.64	0.000254	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VH	TN	3.36	0.001326	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VL	TN	0.92	0.000361	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	TN	4.01	0.001580	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VH	TN	3.35	0.001320	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VL	TN	2.88	0.001134	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	TN	3.28	0.001292	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VH	TN	4.08	0.001608	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VL	TN	4.73	0.001868	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	TN	3.85	0.001518	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VH	TN	2.90	0.001146	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VL	TN	3.09	0.001219	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	TN	0.62	0.000243	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VH	TN	4.45	0.001755	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VL	TN	1.99	0.000784	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	TN	3.03	0.001196	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VH	TN	1.22	0.000480	±2.5	PASS

7	20MHz	QPSK	21100	100RB#0	VL	TN	1.80	0.000711	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	TN	-1.04	-0.000412	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VH	TN	2.88	0.001134	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VL	TN	0.70	0.000277	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	TN	1.75	0.000688	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2	1.4MHz	QPSK	18900	6RB#0	VN	0	-1.60	-0.000852	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	10	-0.66	-0.000350	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	-10	-1.02	-0.000540	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	20	-1.80	-0.000959	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	-20	-3.98	-0.002115	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	30	-4.41	-0.002344	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	-30	-2.46	-0.001309	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	40	-1.00	-0.000533	±2.5	PASS
2	1.4MHz	QPSK	18900	6RB#0	VN	50	-0.50	-0.000266	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	0	-3.36	-0.001788	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	10	-2.30	-0.001225	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	-10	-5.15	-0.002739	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	20	-5.87	-0.003120	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	-20	-4.81	-0.002557	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	30	0.13	0.000068	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	-30	-4.99	-0.002656	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	40	-3.00	-0.001598	±2.5	PASS
2	1.4MHz	16QAM	18900	6RB#0	VN	50	0.29	0.000152	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	0	-4.55	-0.002420	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	10	-5.97	-0.003173	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	-10	-2.89	-0.001537	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	20	-3.79	-0.002016	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	-20	-4.66	-0.002481	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	30	-4.69	-0.002496	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	-30	-3.10	-0.001651	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	40	-3.20	-0.001704	±2.5	PASS
2	3MHz	QPSK	18900	15RB#0	VN	50	-4.68	-0.002488	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	0	-3.59	-0.001910	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	10	-3.39	-0.001803	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	-10	-3.65	-0.001940	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	20	-3.55	-0.001887	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	-20	-3.81	-0.002024	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	30	-3.19	-0.001697	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	-30	-4.78	-0.002541	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	40	-4.62	-0.002458	±2.5	PASS
2	3MHz	16QAM	18900	15RB#0	VN	50	-3.15	-0.001674	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	0	0.39	0.000205	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	10	1.22	0.000647	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	-10	0.97	0.000517	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	20	-0.07	-0.000038	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	-20	-0.54	-0.000289	±2.5	PASS

2	5MHz	QPSK	18900	25RB#0	VN	30	-0.69	-0.000365	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	-30	-1.79	-0.000951	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	40	-0.19	-0.000099	±2.5	PASS
2	5MHz	QPSK	18900	25RB#0	VN	50	0.34	0.000183	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	0	1.43	0.000761	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	10	0.36	0.000190	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	-10	2.19	0.001164	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	20	-0.94	-0.000502	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	-20	-1.59	-0.000845	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	30	1.34	0.000715	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	-30	-1.66	-0.000883	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	40	1.63	0.000867	±2.5	PASS
2	5MHz	16QAM	18900	25RB#0	VN	50	-0.89	-0.000472	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	0	-1.67	-0.000890	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	10	-0.44	-0.000236	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	-10	0.00	0.000000	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	20	-2.30	-0.001225	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	-20	-1.95	-0.001035	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	30	0.26	0.000137	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	-30	-1.03	-0.000548	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	40	-0.09	-0.000046	±2.5	PASS
2	10MHz	QPSK	18900	50RB#0	VN	50	-0.74	-0.000396	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	0	0.24	0.000129	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	10	-0.60	-0.000320	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	-10	-0.72	-0.000380	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	20	-1.90	-0.001012	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	-20	-1.16	-0.000616	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	30	-0.16	-0.000084	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	-30	-1.34	-0.000715	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	40	-1.30	-0.000692	±2.5	PASS
2	10MHz	16QAM	18900	50RB#0	VN	50	-0.80	-0.000426	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	0	-1.60	-0.000852	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	10	-2.13	-0.001134	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	-10	-2.32	-0.001233	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	20	-2.26	-0.001202	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	-20	-1.83	-0.000974	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	30	-1.49	-0.000791	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	-30	-2.09	-0.001111	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	40	-1.89	-0.001004	±2.5	PASS
2	15MHz	QPSK	18900	75RB#0	VN	50	-1.16	-0.000616	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	0	-1.66	-0.000883	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	10	-3.02	-0.001606	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	-10	-1.27	-0.000677	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	20	-2.26	-0.001202	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	-20	-0.69	-0.000365	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	30	-2.35	-0.001248	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	-30	-3.15	-0.001674	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	40	-2.40	-0.001278	±2.5	PASS
2	15MHz	16QAM	18900	75RB#0	VN	50	-1.77	-0.000944	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	0	-0.10	-0.000053	±2.5	PASS

2	20MHz	QPSK	18900	100RB#0	VN	10	0.70	0.000373	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	-10	0.04	0.000023	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	20	0.39	0.000205	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	-20	1.20	0.000639	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	30	-0.03	-0.000015	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	-30	0.27	0.000145	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	40	0.19	0.000099	±2.5	PASS
2	20MHz	QPSK	18900	100RB#0	VN	50	-0.27	-0.000145	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	0	1.09	0.000578	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	10	0.63	0.000335	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	-10	-0.73	-0.000388	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	20	0.43	0.000228	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	-20	-0.90	-0.000479	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	30	0.90	0.000479	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	-30	-2.05	-0.001088	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	40	0.16	0.000084	±2.5	PASS
2	20MHz	16QAM	18900	100RB#0	VN	50	-0.89	-0.000472	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	0	-2.23	-0.001288	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	10	-3.63	-0.002097	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	-10	2.09	0.001206	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	20	-1.57	-0.000908	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	-20	-4.48	-0.002584	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	30	-2.27	-0.001313	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	-30	-2.05	-0.001181	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	40	0.07	0.000041	±2.5	PASS
4	1.4MHz	QPSK	20175	6RB#0	VN	50	-2.93	-0.001693	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	0	-2.40	-0.001387	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	10	-2.17	-0.001255	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	-10	-0.30	-0.000173	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	20	-5.06	-0.002923	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	-20	-0.92	-0.000528	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	30	-0.33	-0.000190	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	-30	-1.13	-0.000652	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	40	2.70	0.001561	±2.5	PASS
4	1.4MHz	16QAM	20175	6RB#0	VN	50	-4.55	-0.002626	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	0	0.10	0.000058	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	10	2.79	0.001610	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	-10	-0.06	-0.000033	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	20	-0.89	-0.000512	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	-20	-2.95	-0.001701	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	30	0.50	0.000289	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	-30	3.06	0.001767	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	40	2.43	0.001404	±2.5	PASS
4	3MHz	QPSK	20175	15RB#0	VN	50	2.92	0.001684	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	0	0.46	0.000264	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	10	0.60	0.000347	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	-10	-1.92	-0.001106	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	20	-0.92	-0.000528	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	-20	2.93	0.001693	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	30	-0.43	-0.000248	±2.5	PASS

4	3MHz	16QAM	20175	15RB#0	VN	-30	-1.92	-0.001106	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	40	2.76	0.001594	±2.5	PASS
4	3MHz	16QAM	20175	15RB#0	VN	50	0.06	0.000033	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	0	1.63	0.000941	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	10	2.55	0.001470	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	-10	3.66	0.002114	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	20	1.26	0.000727	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	-20	3.55	0.002048	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	30	1.70	0.000983	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	-30	1.04	0.000603	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	40	2.85	0.001643	±2.5	PASS
4	5MHz	QPSK	20175	25RB#0	VN	50	4.45	0.002568	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	0	5.87	0.003385	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	10	4.23	0.002444	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	-10	1.96	0.001131	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	20	4.84	0.002791	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	-20	2.17	0.001255	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	30	2.68	0.001544	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	-30	2.75	0.001585	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	40	2.96	0.001709	±2.5	PASS
4	5MHz	16QAM	20175	25RB#0	VN	50	1.44	0.000834	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	0	2.07	0.001197	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	10	2.66	0.001536	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	-10	0.56	0.000322	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	20	0.99	0.000570	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	-20	2.75	0.001585	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	30	2.35	0.001354	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	-30	1.99	0.001148	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	40	2.57	0.001486	±2.5	PASS
4	10MHz	QPSK	20175	50RB#0	VN	50	1.46	0.000842	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	0	1.14	0.000661	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	10	1.37	0.000793	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	-10	1.29	0.000743	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	20	2.13	0.001230	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	-20	1.54	0.000892	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	30	0.34	0.000198	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	-30	2.19	0.001263	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	40	1.00	0.000578	±2.5	PASS
4	10MHz	16QAM	20175	50RB#0	VN	50	1.52	0.000875	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	0	2.17	0.001255	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	10	-0.24	-0.000140	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	-10	0.10	0.000058	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	20	1.29	0.000743	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	-20	0.27	0.000157	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	30	1.44	0.000834	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	-30	0.09	0.000050	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	40	1.26	0.000727	±2.5	PASS
4	15MHz	QPSK	20175	75RB#0	VN	50	0.64	0.000372	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	0	1.26	0.000727	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	10	0.31	0.000182	±2.5	PASS

4	15MHz	16QAM	20175	75RB#0	VN	-10	0.86	0.000495	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	20	1.42	0.000817	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	-20	1.62	0.000933	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	30	0.72	0.000413	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	-30	-0.09	-0.000050	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	40	1.16	0.000669	±2.5	PASS
4	15MHz	16QAM	20175	75RB#0	VN	50	1.16	0.000669	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	0	-0.31	-0.000182	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	10	0.33	0.000190	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	-10	-0.73	-0.000421	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	20	-1.32	-0.000760	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	-20	-0.23	-0.000132	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	30	-0.50	-0.000289	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	-30	-0.50	-0.000289	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	40	-1.03	-0.000594	±2.5	PASS
4	20MHz	QPSK	20175	100RB#0	VN	50	-0.51	-0.000297	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	0	0.11	0.000066	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	10	-1.03	-0.000594	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	-10	-1.17	-0.000677	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	20	-0.23	-0.000132	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	-20	-0.14	-0.000083	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	30	-0.49	-0.000281	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	-30	-0.39	-0.000223	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	40	-0.64	-0.000372	±2.5	PASS
4	20MHz	16QAM	20175	100RB#0	VN	50	-0.40	-0.000231	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	0	0.16	0.000062	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	10	2.29	0.000903	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	-10	3.06	0.001208	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	20	0.54	0.000214	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	-20	3.45	0.001360	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	30	4.25	0.001676	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	-30	-0.93	-0.000367	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	40	1.49	0.000587	±2.5	PASS
7	5MHz	QPSK	21100	25RB#0	VN	50	2.72	0.001072	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	0	-1.10	-0.000435	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	10	2.47	0.000976	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	-10	3.58	0.001411	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	20	2.15	0.000846	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	-20	3.42	0.001349	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	30	0.37	0.000147	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	-30	-1.19	-0.000468	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	40	-1.82	-0.000717	±2.5	PASS
7	5MHz	16QAM	21100	25RB#0	VN	50	0.23	0.000090	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	0	5.45	0.002150	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	10	2.79	0.001100	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	-10	4.15	0.001636	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	20	3.22	0.001270	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	-20	4.19	0.001653	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	30	4.68	0.001845	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	-30	3.91	0.001541	±2.5	PASS



7	10MHz	QPSK	21100	50RB#0	VN	40	3.35	0.001320	±2.5	PASS
7	10MHz	QPSK	21100	50RB#0	VN	50	3.92	0.001546	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	0	3.58	0.001411	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	10	3.29	0.001298	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	-10	2.55	0.001004	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	20	2.95	0.001162	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	-20	4.53	0.001789	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	30	5.55	0.002190	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	-30	1.80	0.000711	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	40	5.87	0.002314	±2.5	PASS
7	10MHz	16QAM	21100	50RB#0	VN	50	3.58	0.001411	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	0	2.17	0.000858	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	10	3.23	0.001275	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	-10	5.44	0.002144	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	20	2.10	0.000830	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	-20	2.62	0.001033	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	30	3.91	0.001541	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	-30	2.99	0.001179	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	40	1.96	0.000773	±2.5	PASS
7	15MHz	QPSK	21100	75RB#0	VN	50	2.42	0.000954	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	0	4.79	0.001890	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	10	2.69	0.001061	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	-10	3.92	0.001546	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	20	2.96	0.001168	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	-20	3.85	0.001518	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	30	4.03	0.001591	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	-30	2.37	0.000937	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	40	2.78	0.001095	±2.5	PASS
7	15MHz	16QAM	21100	75RB#0	VN	50	2.90	0.001146	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	0	3.42	0.001349	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	10	1.63	0.000643	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	-10	2.43	0.000959	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	20	1.87	0.000739	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	-20	2.43	0.000959	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	30	1.56	0.000615	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	-30	0.99	0.000389	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	40	1.14	0.000451	±2.5	PASS
7	20MHz	QPSK	21100	100RB#0	VN	50	2.96	0.001168	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	0	1.93	0.000762	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	10	2.29	0.000903	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	-10	1.99	0.000784	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	20	0.89	0.000350	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	-20	1.42	0.000559	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	30	3.48	0.001371	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	-30	0.59	0.000231	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	40	1.66	0.000655	±2.5	PASS
7	20MHz	16QAM	21100	100RB#0	VN	50	1.22	0.000480	±2.5	PASS