



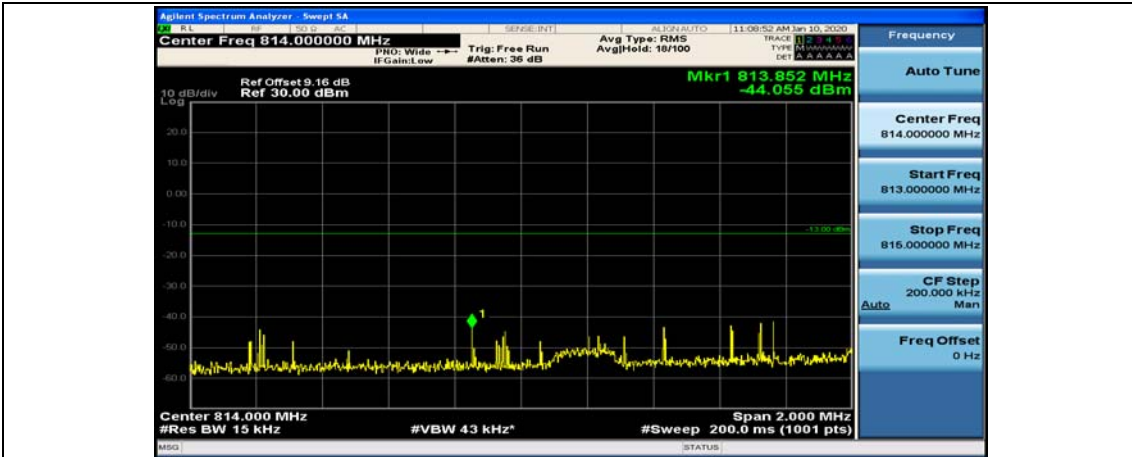
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



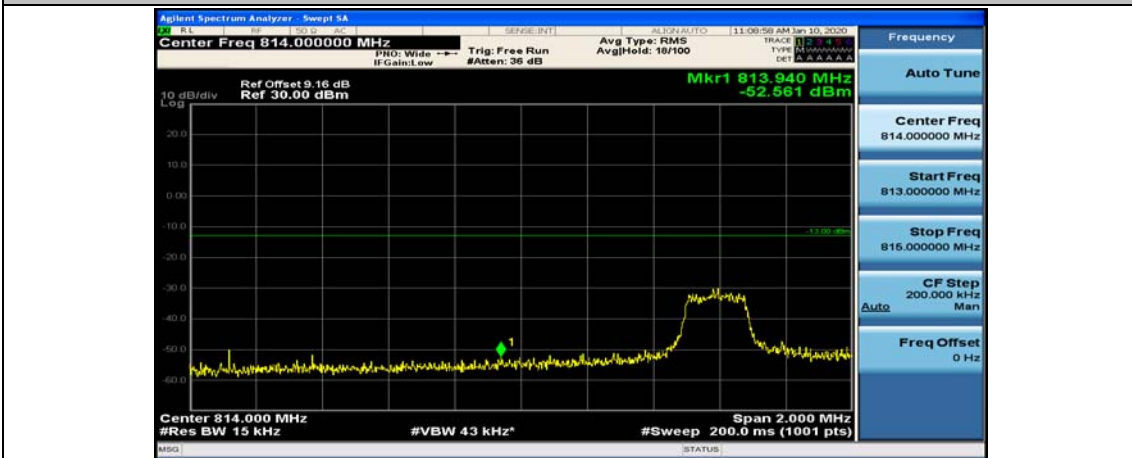
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



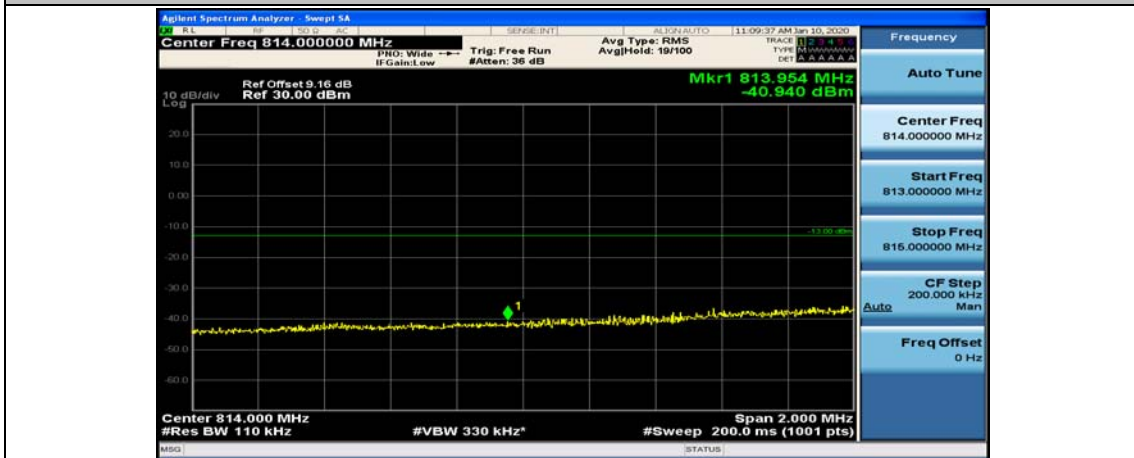
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

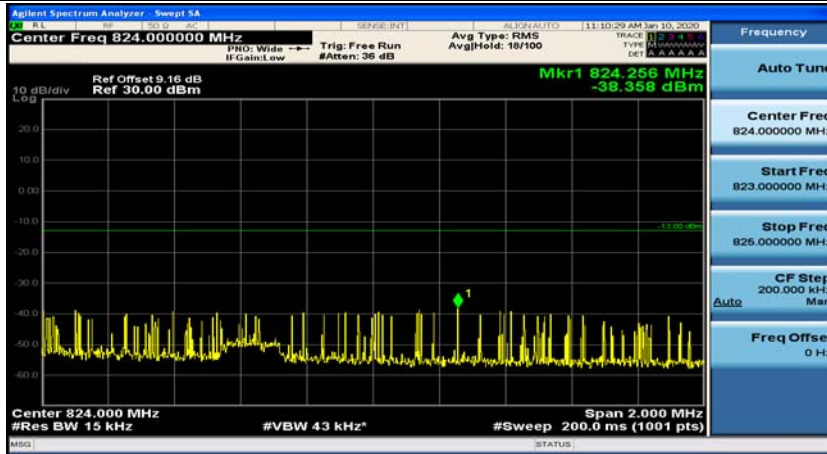




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



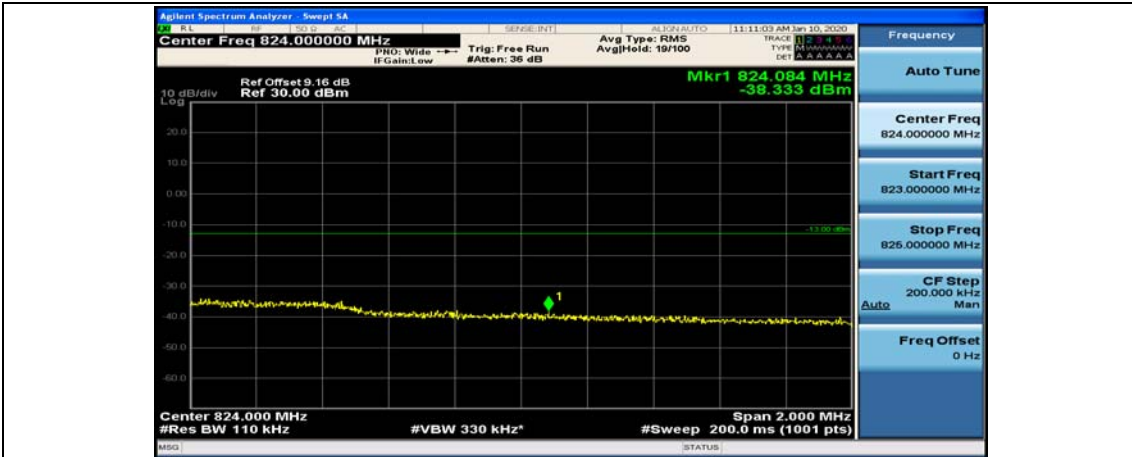
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



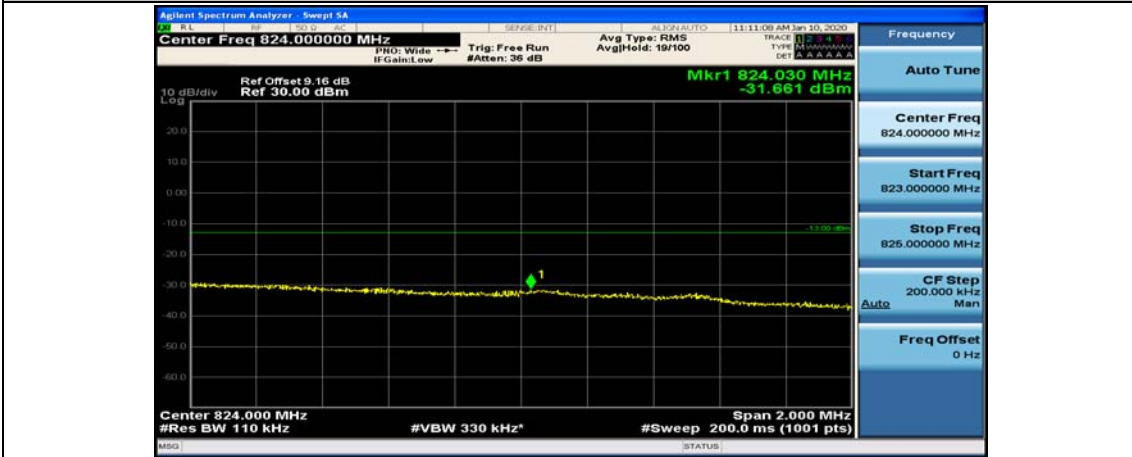
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



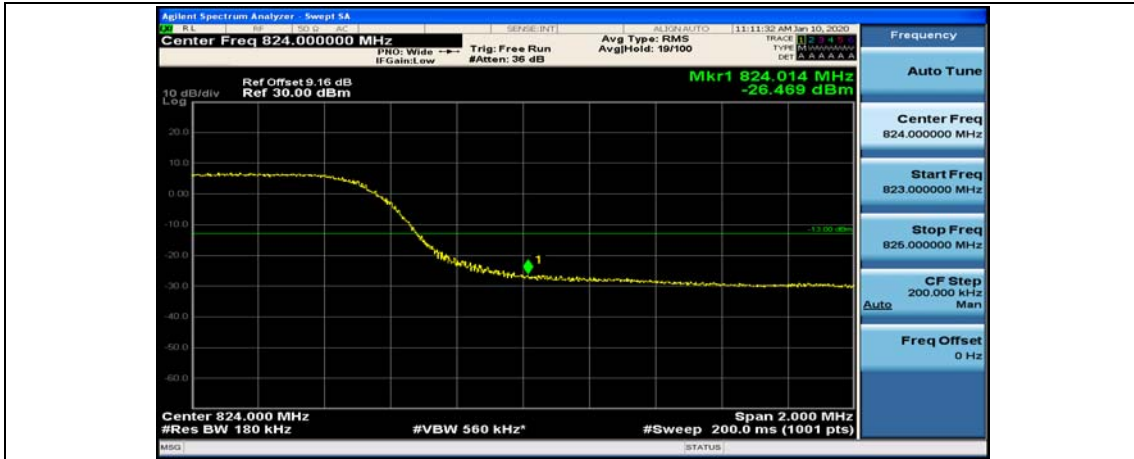
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0





Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	Range2:0.15~30MHz	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	Range3:30~1000MHz	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	Range4:1000~5000MHz	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	Range5:5000~12000MHz	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	Range6:12000~18000MHz	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	Range2:0.15~30MHz	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	Range3:30~1000MHz	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	Range4:1000~5000MHz	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	Range5:5000~12000MHz	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	Range6:12000~18000MHz	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	Range2:0.15~30MHz	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	Range3:30~1000MHz	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	Range4:1000~5000MHz	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	Range5:5000~12000MHz	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	Range6:12000~18000MHz	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	Range2:0.15~30MHz	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	Range3:30~1000MHz	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	Range4:1000~5000MHz	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	Range5:5000~12000MHz	PASS

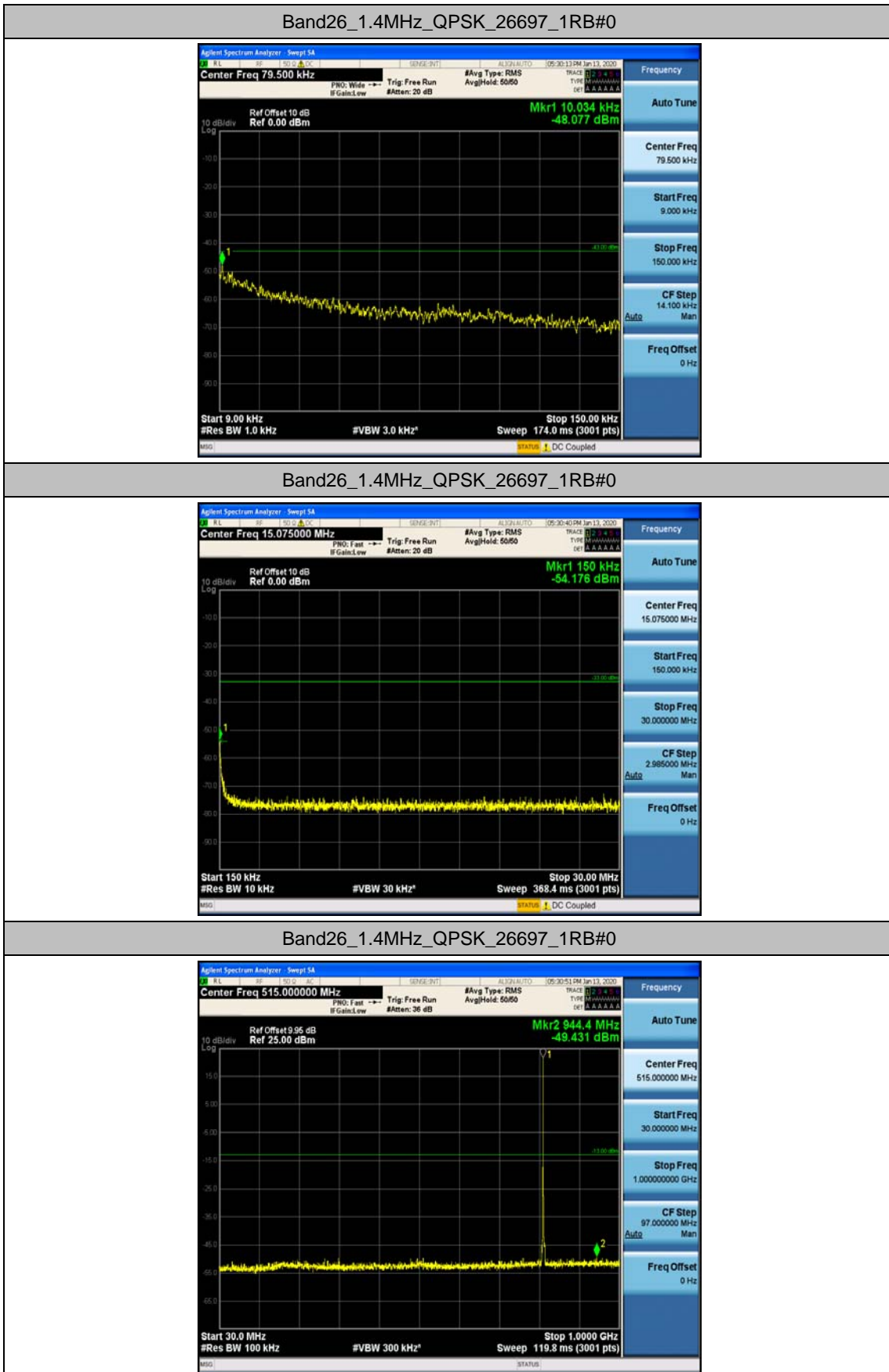


Band26	1.4MHz	16QAM	26783	1RB#0	Range6:12000~18000MHz	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range2:0.15~30MHz	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range3:30~1000MHz	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range4:1000~5000MHz	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range5:5000~12000MHz	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range6:12000~18000MHz	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range2:0.15~30MHz	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range3:30~1000MHz	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range4:1000~5000MHz	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range5:5000~12000MHz	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range6:12000~18000MHz	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range2:0.15~30MHz	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range3:30~1000MHz	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range4:1000~5000MHz	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range5:5000~12000MHz	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range6:12000~18000MHz	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range2:0.15~30MHz	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range3:30~1000MHz	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range4:1000~5000MHz	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range5:5000~12000MHz	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range6:12000~18000MHz	PASS
Band26	5MHz	QPSK	26715	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	5MHz	QPSK	26715	1RB#0	Range2:0.15~30MHz	PASS
Band26	5MHz	QPSK	26715	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	QPSK	26715	1RB#0	Range4:1000~5000MHz	PASS
Band26	5MHz	QPSK	26715	1RB#0	Range5:5000~12000MHz	PASS
Band26	5MHz	QPSK	26715	1RB#0	Range6:12000~18000MHz	PASS



Band26	5MHz	QPSK	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	5MHz	QPSK	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	5MHz	QPSK	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	QPSK	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	5MHz	QPSK	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	5MHz	QPSK	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	5MHz	QPSK	26765	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	5MHz	QPSK	26765	1RB#0	Range2:0.15~30MHz	PASS
Band26	5MHz	QPSK	26765	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	QPSK	26765	1RB#0	Range4:1000~5000MHz	PASS
Band26	5MHz	QPSK	26765	1RB#0	Range5:5000~12000MHz	PASS
Band26	5MHz	QPSK	26765	1RB#0	Range6:12000~18000MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range2:0.15~30MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range4:1000~5000MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range5:5000~12000MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range6:12000~18000MHz	PASS
Band26	5MHz	16QAM	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	5MHz	16QAM	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	5MHz	16QAM	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	16QAM	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	5MHz	16QAM	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	5MHz	16QAM	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	5MHz	16QAM	26765	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	5MHz	16QAM	26765	1RB#0	Range2:0.15~30MHz	PASS
Band26	5MHz	16QAM	26765	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	16QAM	26765	1RB#0	Range4:1000~5000MHz	PASS
Band26	5MHz	16QAM	26765	1RB#0	Range5:5000~12000MHz	PASS
Band26	5MHz	16QAM	26765	1RB#0	Range6:12000~18000MHz	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range6:12000~18000MHz	PASS
Band26	10MHz	16QAM	26740	1RB#0	Range1:0.009~0.15MHz	PASS
Band26	10MHz	16QAM	26740	1RB#0	Range2:0.15~30MHz	PASS
Band26	10MHz	16QAM	26740	1RB#0	Range3:30~1000MHz	PASS
Band26	10MHz	16QAM	26740	1RB#0	Range4:1000~5000MHz	PASS
Band26	10MHz	16QAM	26740	1RB#0	Range5:5000~12000MHz	PASS
Band26	10MHz	16QAM	26740	1RB#0	Range6:12000~18000MHz	PASS

Test Graphs





Band26_1.4MHz_QPSK_26697_1RB#0



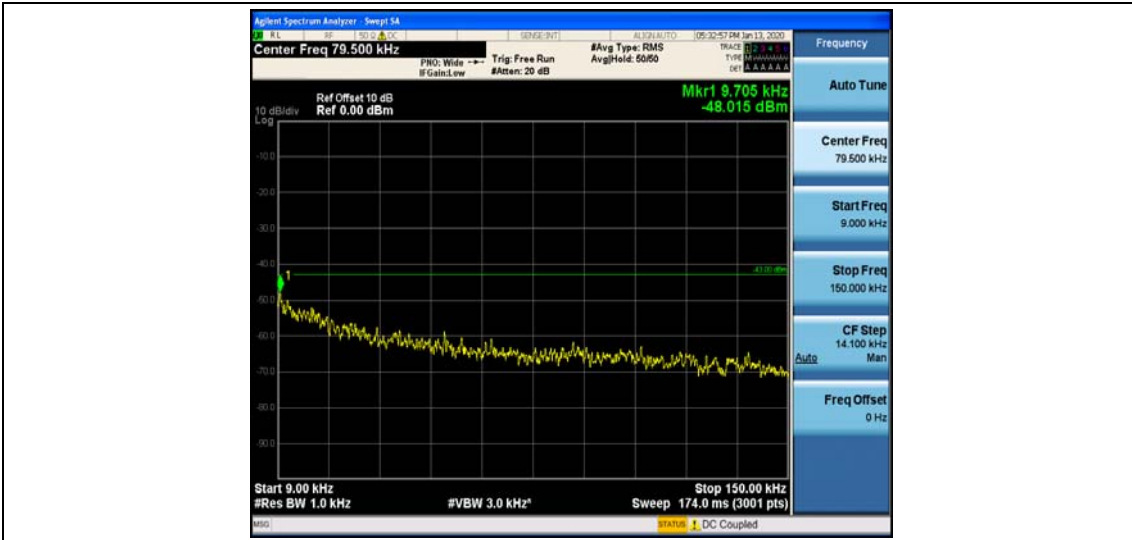
Band26_1.4MHz_QPSK_26697_1RB#0



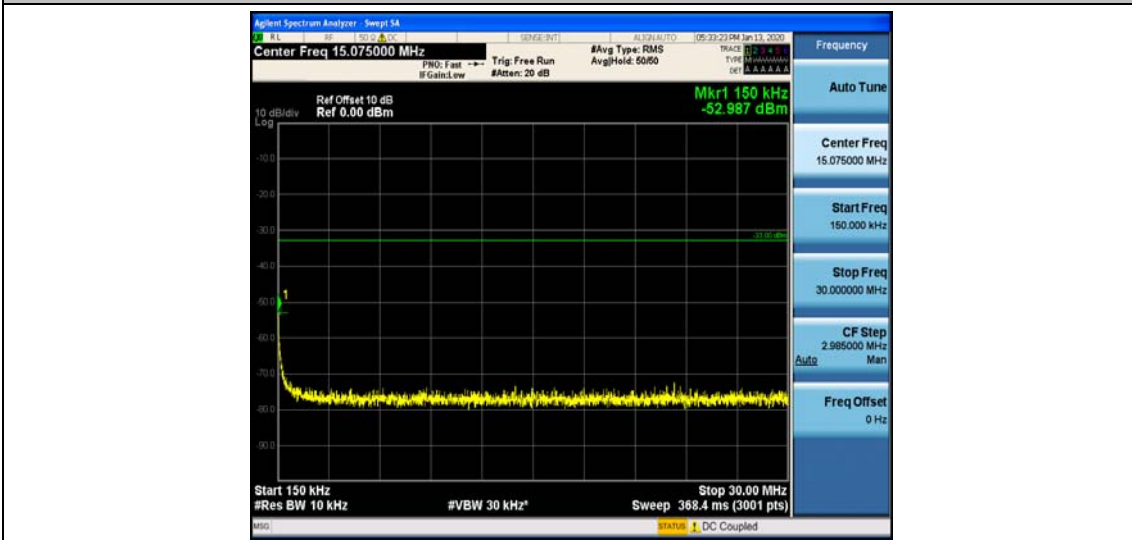
Band26_1.4MHz_QPSK_26697_1RB#0



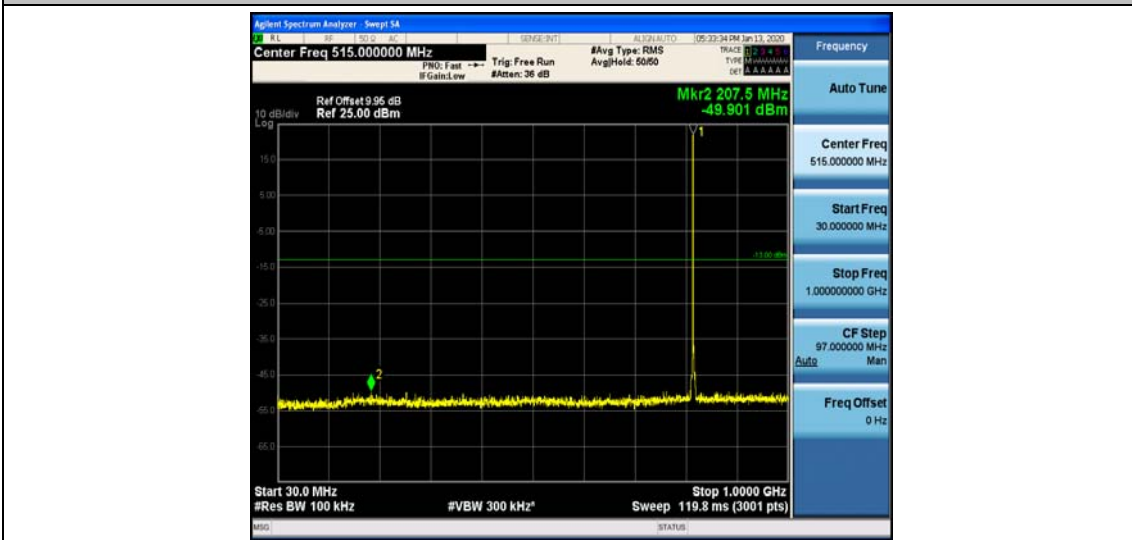
Band26_1.4MHz_QPSK_26740_1RB#0



Band26_1.4MHz_QPSK_26740_1RB#0



Band26_1.4MHz_QPSK_26740_1RB#0



Band26_1.4MHz_QPSK_26740_1RB#0



Band26_1.4MHz_QPSK_26740_1RB#0



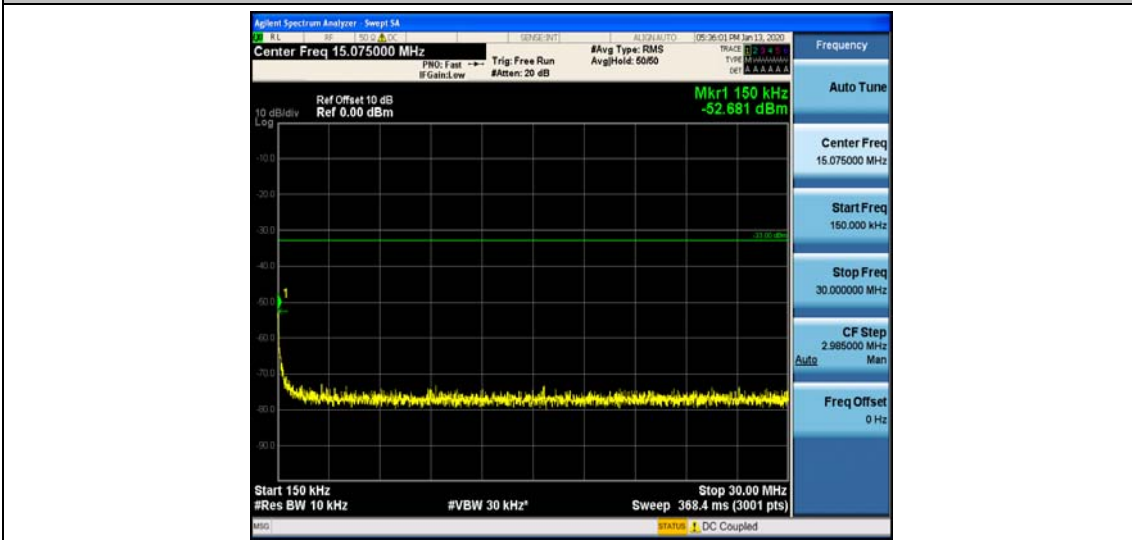
Band26_1.4MHz_QPSK_26740_1RB#0



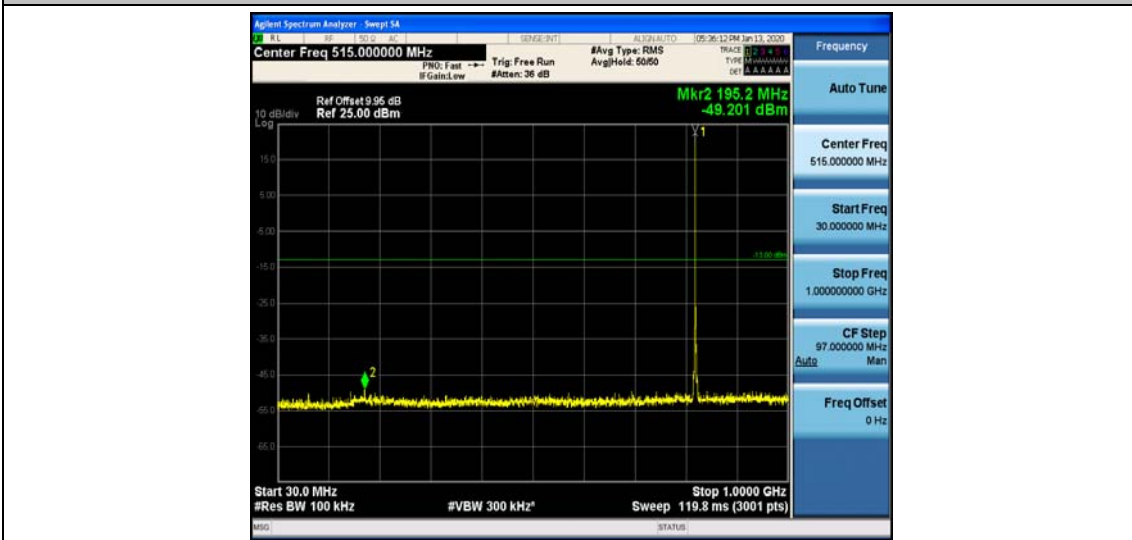
Band26_1.4MHz_QPSK_26783_1RB#0



Band26_1.4MHz_QPSK_26783_1RB#0



Band26_1.4MHz_QPSK_26783_1RB#0



Band26_1.4MHz_QPSK_26783_1RB#0



Band26_1.4MHz_QPSK_26783_1RB#0



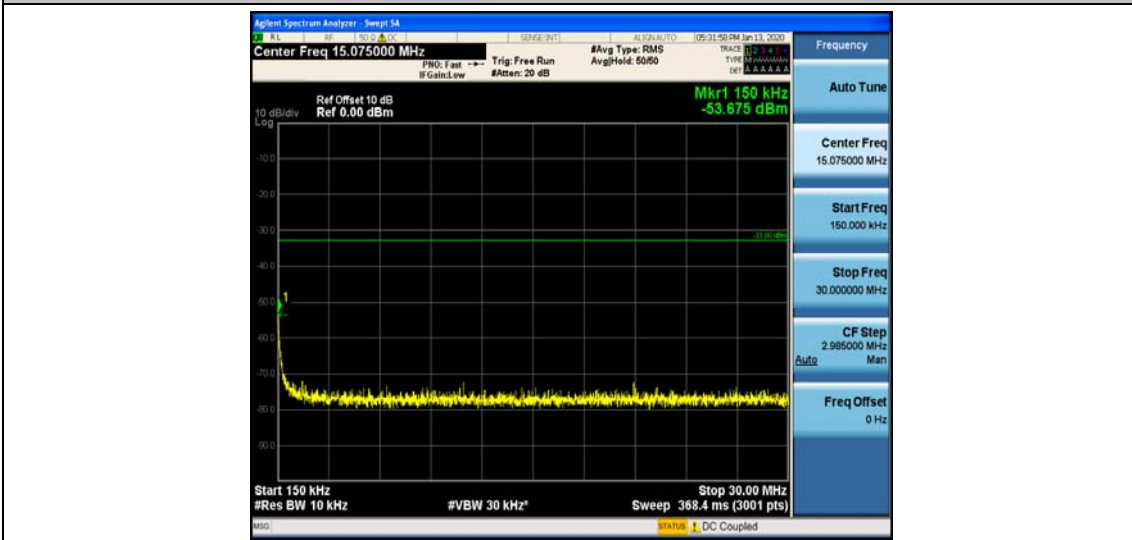
Band26_1.4MHz_QPSK_26783_1RB#0



Band26_1.4MHz_16QAM_26697_1RB#0



Band26_1.4MHz_16QAM_26697_1RB#0



Band26_1.4MHz_16QAM_26697_1RB#0



Band26_1.4MHz_16QAM_26697_1RB#0



Band26_1.4MHz_16QAM_26697_1RB#0



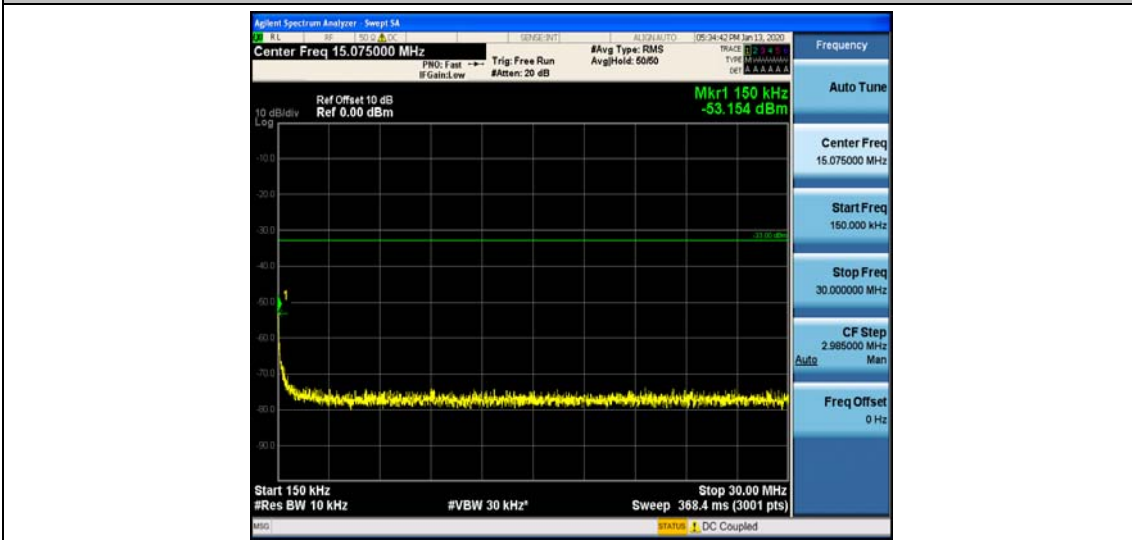
Band26_1.4MHz_16QAM_26697_1RB#0



Band26_1.4MHz_16QAM_26740_1RB#0



Band26_1.4MHz_16QAM_26740_1RB#0



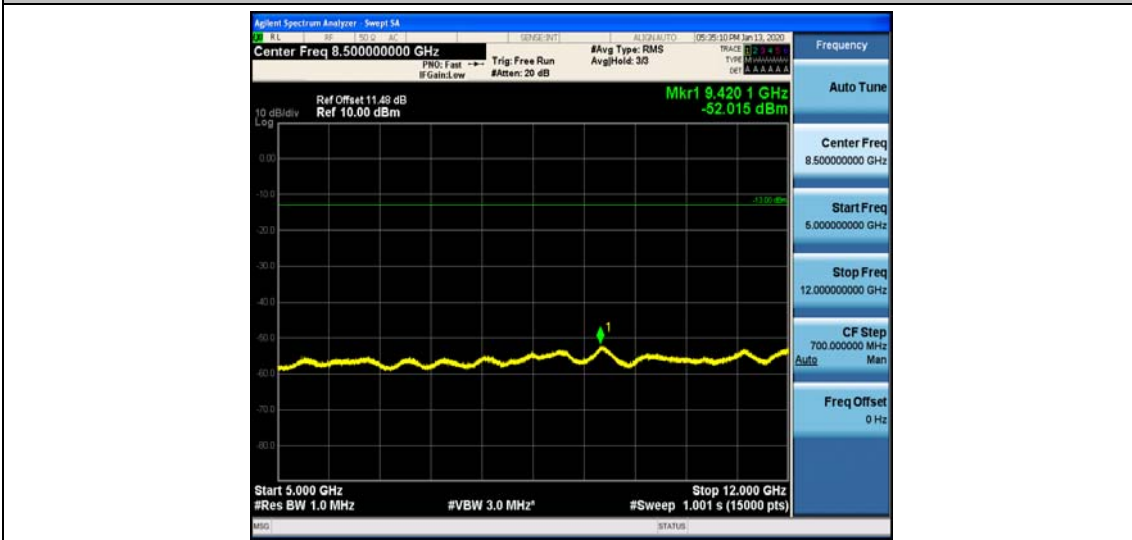
Band26_1.4MHz_16QAM_26740_1RB#0



Band26_1.4MHz_16QAM_26740_1RB#0



Band26_1.4MHz_16QAM_26740_1RB#0



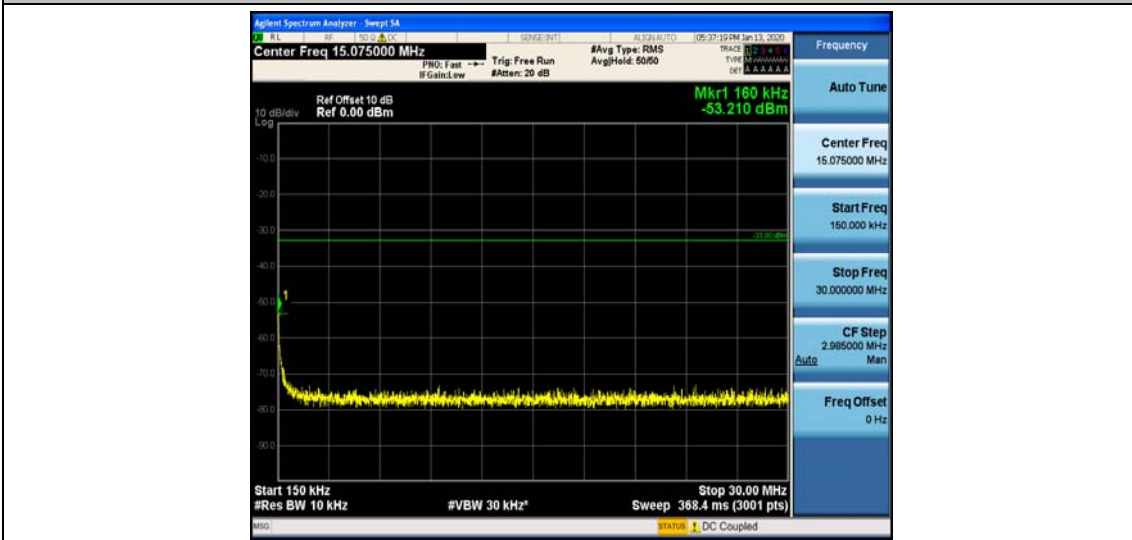
Band26_1.4MHz_16QAM_26740_1RB#0



Band26_1.4MHz_16QAM_26783_1RB#0



Band26_1.4MHz_16QAM_26783_1RB#0



Band26_1.4MHz_16QAM_26783_1RB#0



Band26_1.4MHz_16QAM_26783_1RB#0



Band26_1.4MHz_16QAM_26783_1RB#0



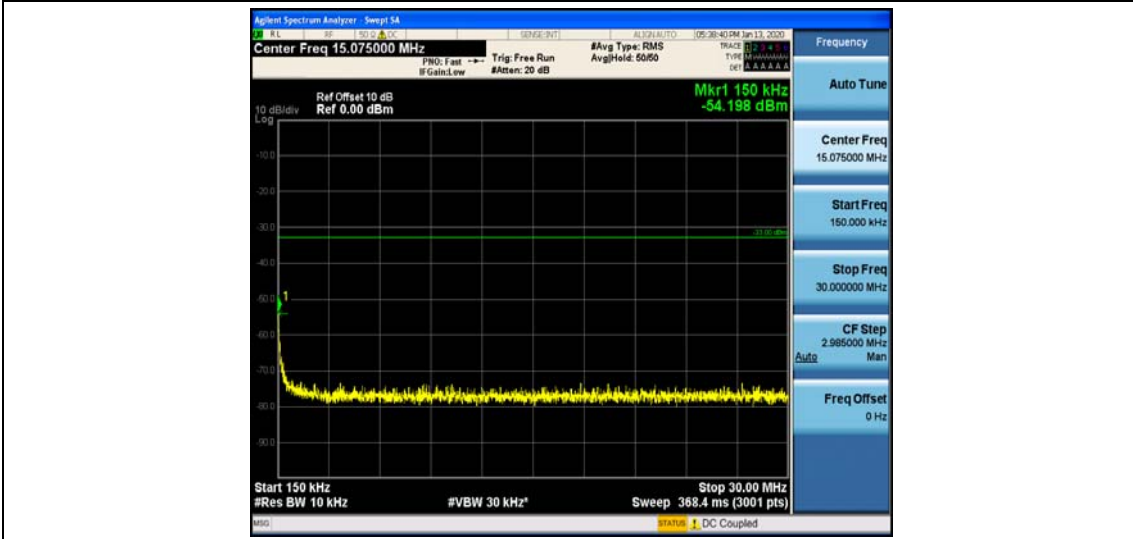
Band26_1.4MHz_16QAM_26783_1RB#0



Band26_3MHz_QPSK_26705_1RB#0



Band26_3MHz_QPSK_26705_1RB#0



Band26_3MHz_QPSK_26705_1RB#0



Band26_3MHz_QPSK_26705_1RB#0



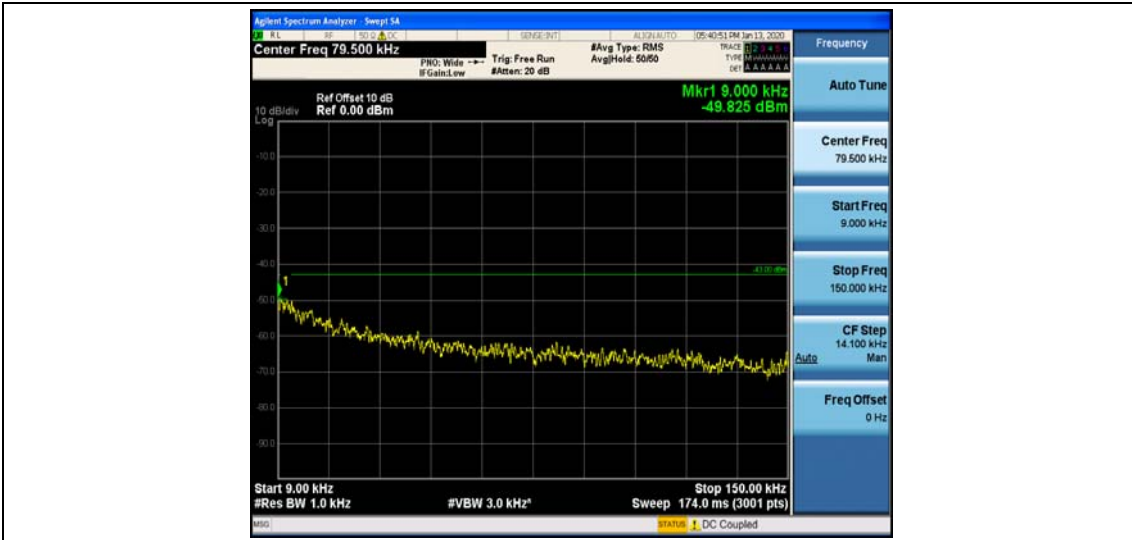
Band26_3MHz_QPSK_26705_1RB#0



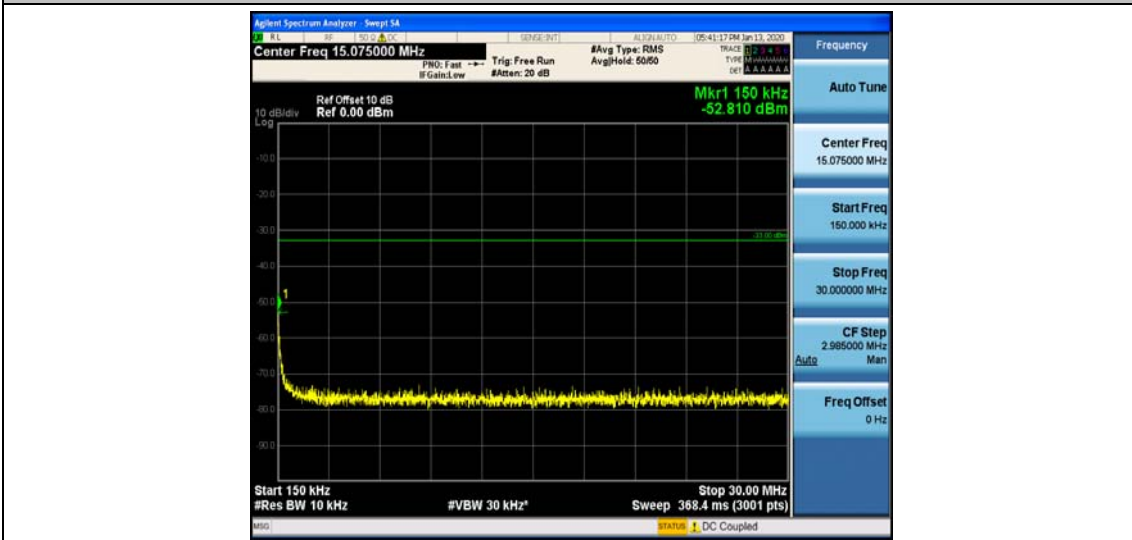
Band26_3MHz_QPSK_26705_1RB#0



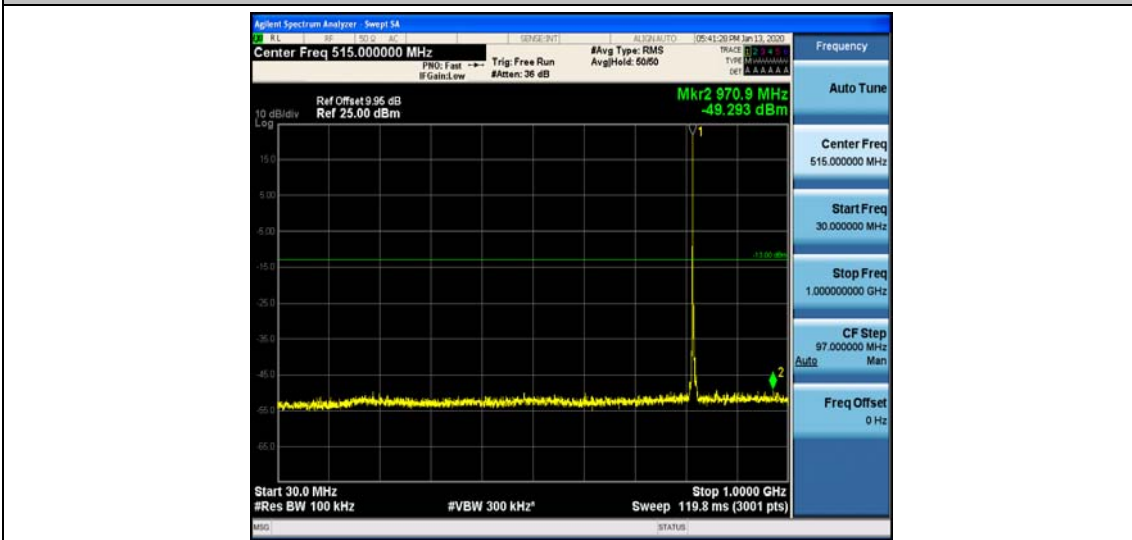
Band26_3MHz_QPSK_26740_1RB#0



Band26_3MHz_QPSK_26740_1RB#0



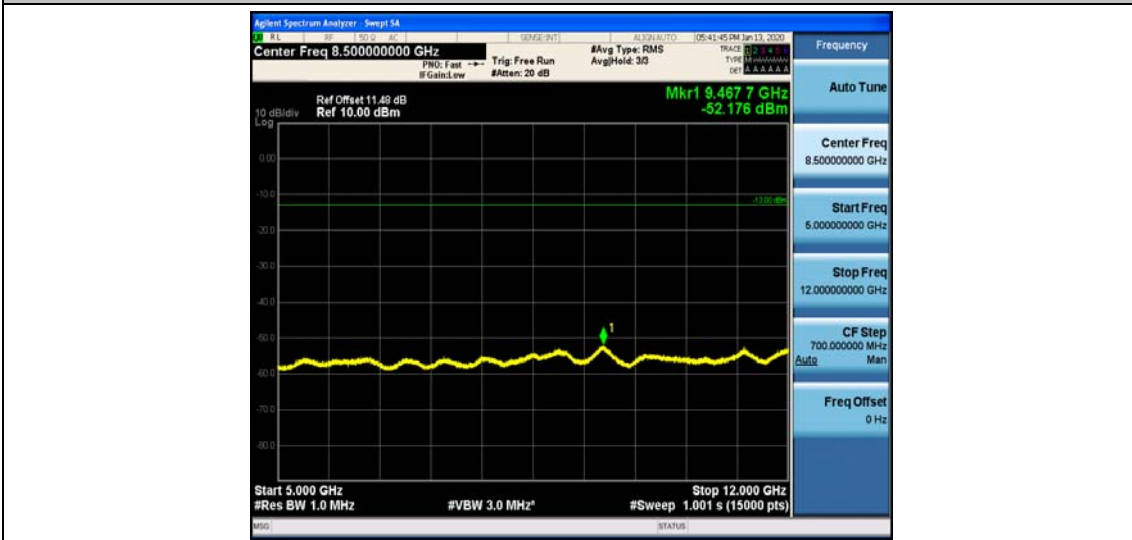
Band26_3MHz_QPSK_26740_1RB#0



Band26_3MHz_QPSK_26740_1RB#0



Band26_3MHz_QPSK_26740_1RB#0



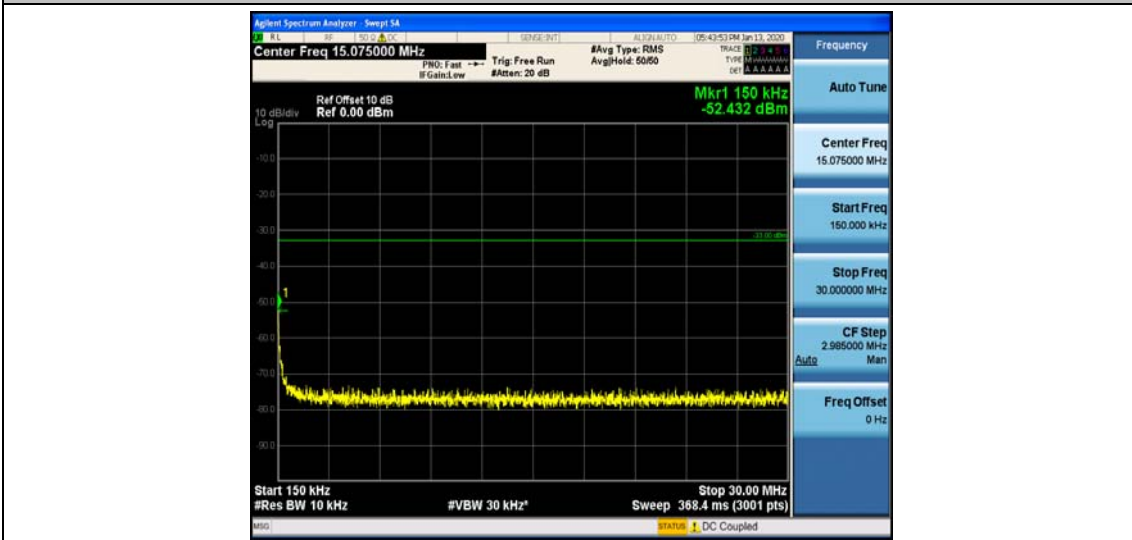
Band26_3MHz_QPSK_26740_1RB#0



Band26_3MHz_QPSK_26775_1RB#0



Band26_3MHz_QPSK_26775_1RB#0



Band26_3MHz_QPSK_26775_1RB#0



Band26_3MHz_QPSK_26775_1RB#0



Band26_3MHz_QPSK_26775_1RB#0



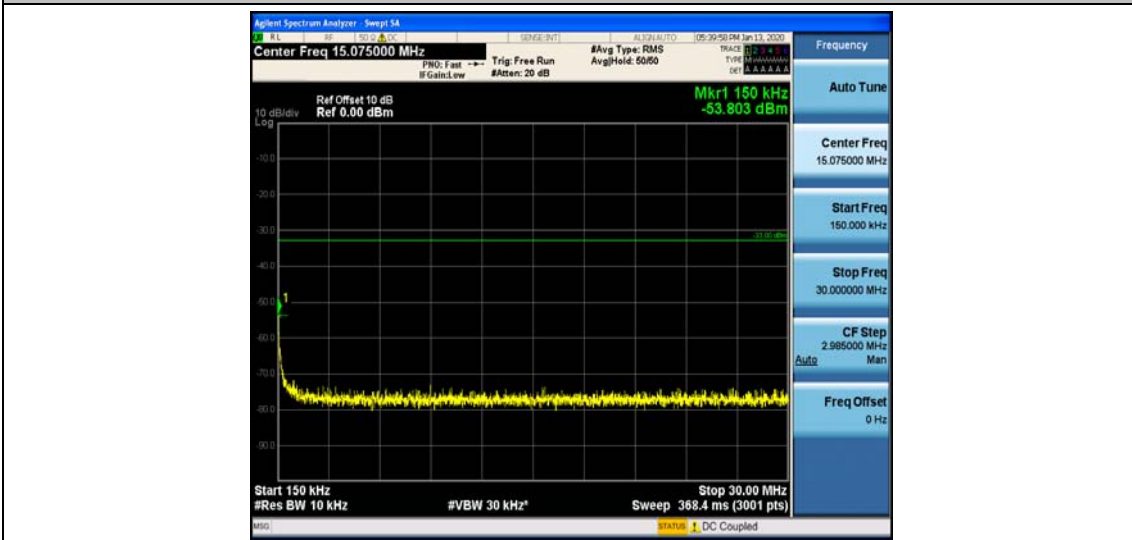
Band26_3MHz_QPSK_26775_1RB#0



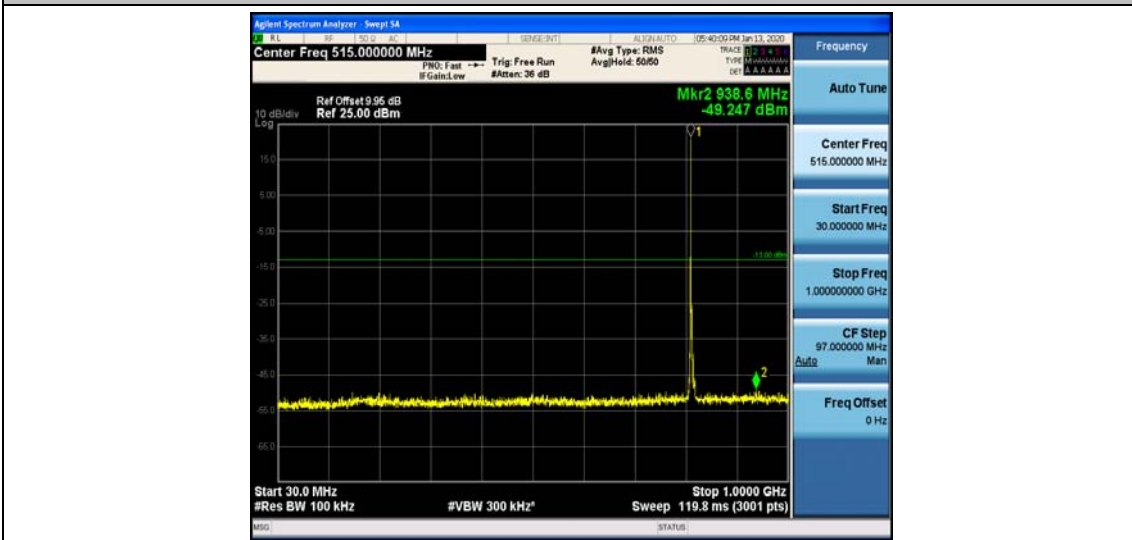
Band26_3MHz_16QAM_26705_1RB#0



Band26_3MHz_16QAM_26705_1RB#0



Band26_3MHz_16QAM_26705_1RB#0



Band26_3MHz_16QAM_26705_1RB#0



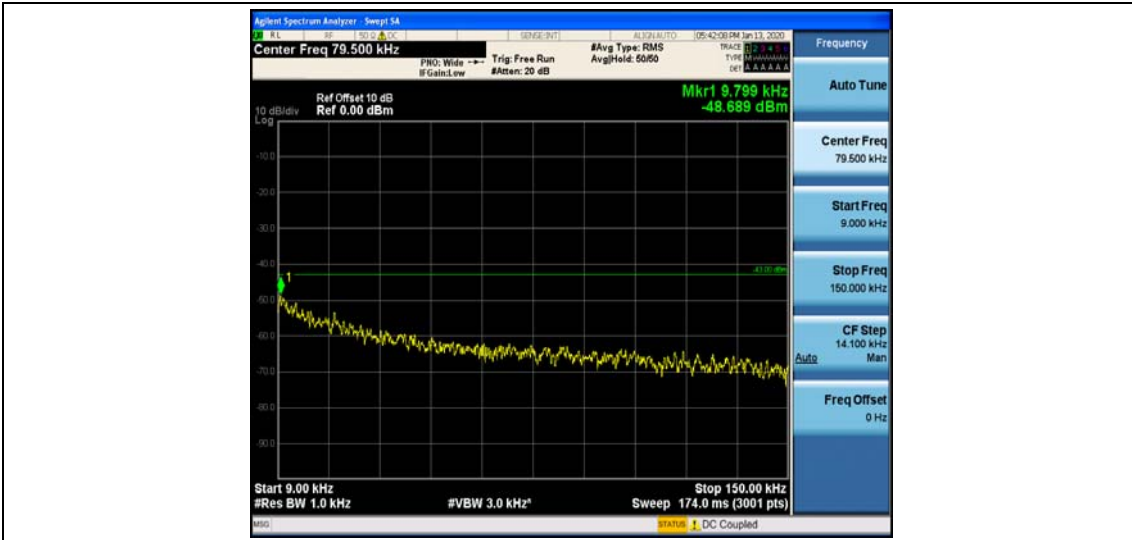
Band26_3MHz_16QAM_26705_1RB#0



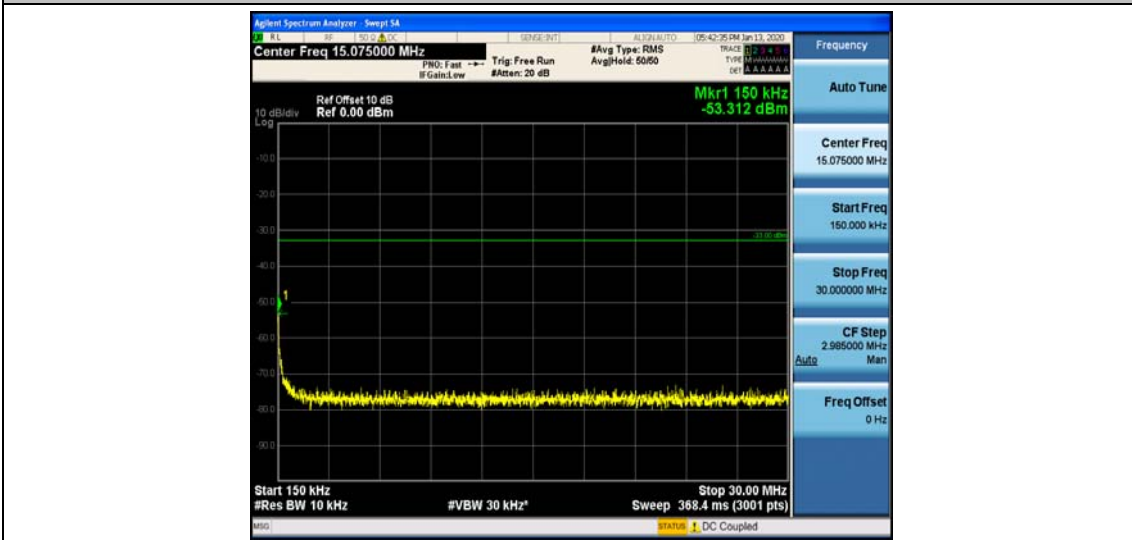
Band26_3MHz_16QAM_26705_1RB#0



Band26_3MHz_16QAM_26740_1RB#0



Band26_3MHz_16QAM_26740_1RB#0



Band26_3MHz_16QAM_26740_1RB#0



Band26_3MHz_16QAM_26740_1RB#0



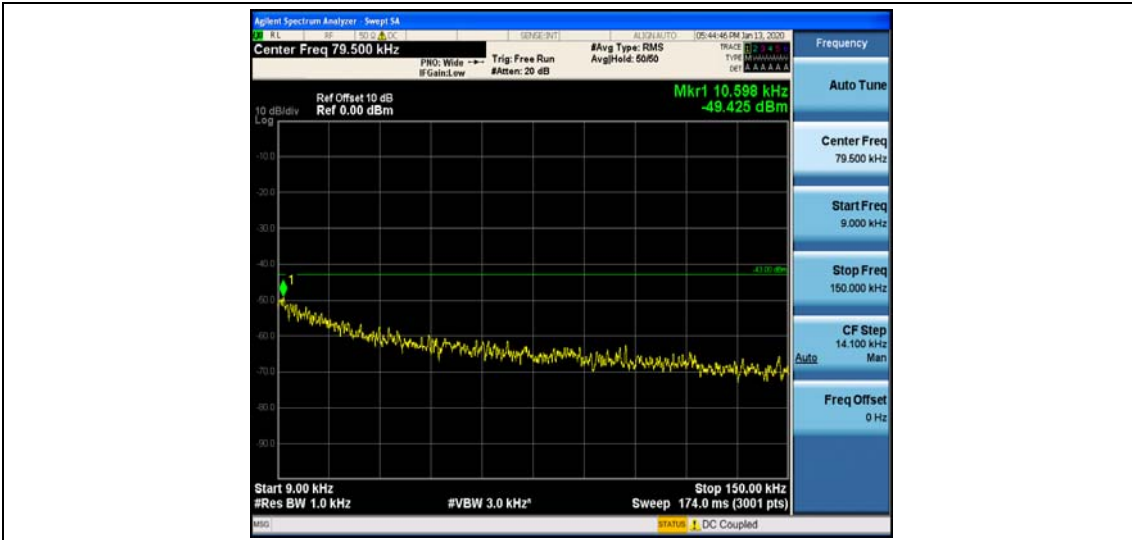
Band26_3MHz_16QAM_26740_1RB#0



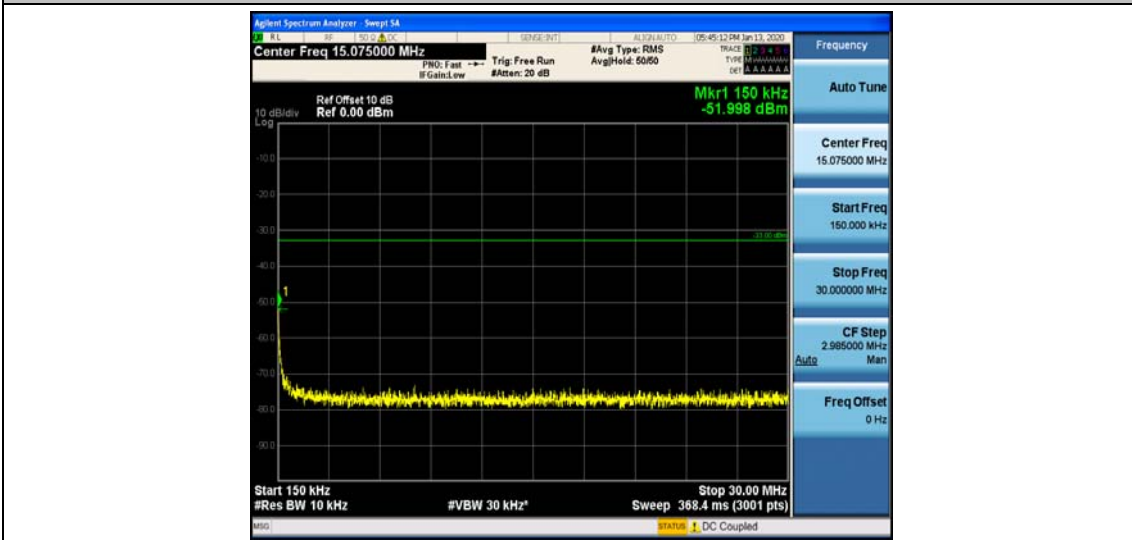
Band26_3MHz_16QAM_26740_1RB#0



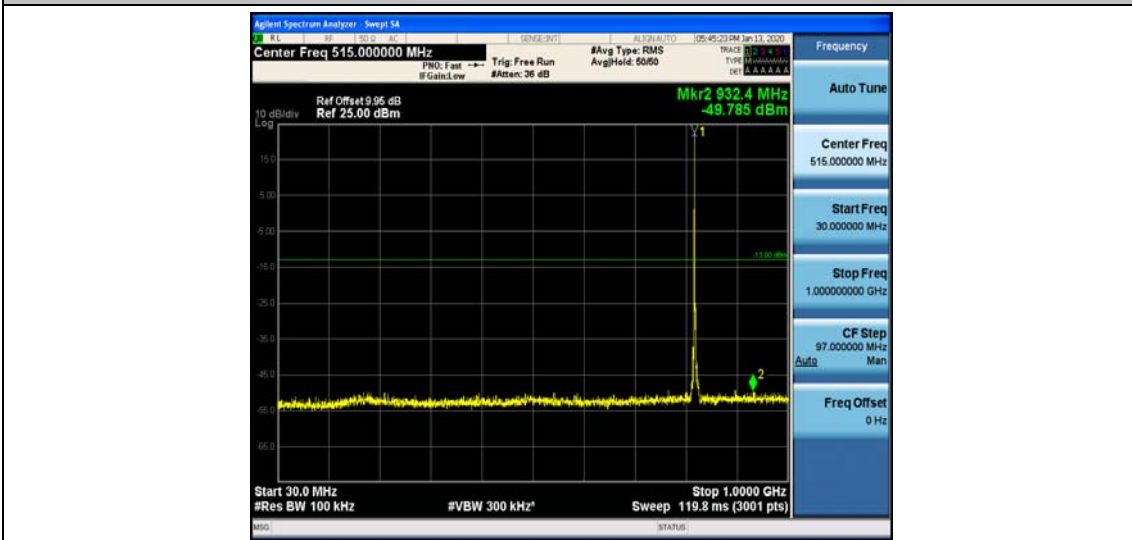
Band26_3MHz_16QAM_26775_1RB#0



Band26_3MHz_16QAM_26775_1RB#0



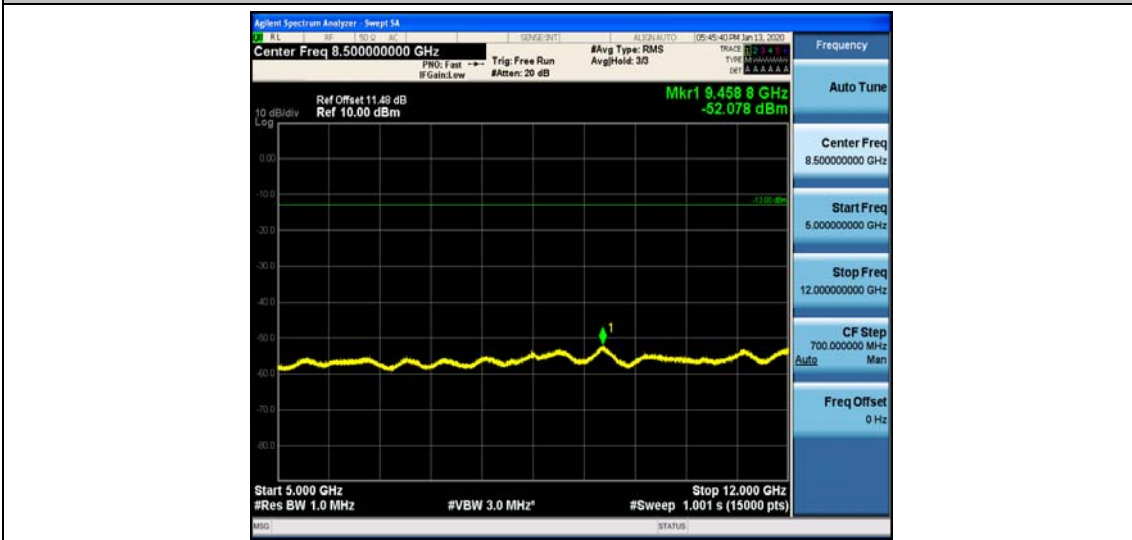
Band26_3MHz_16QAM_26775_1RB#0



Band26_3MHz_16QAM_26775_1RB#0



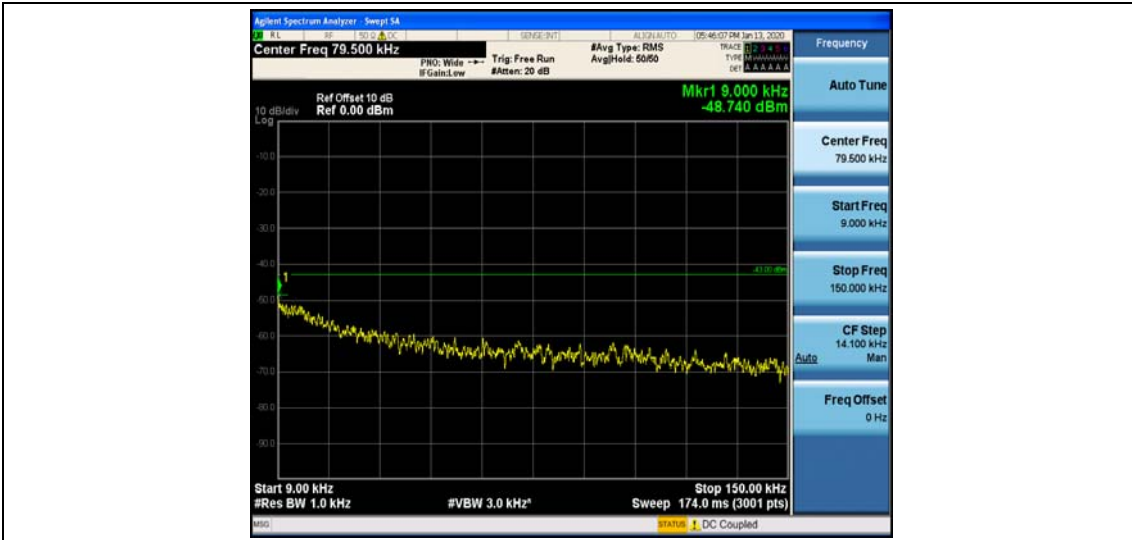
Band26_3MHz_16QAM_26775_1RB#0



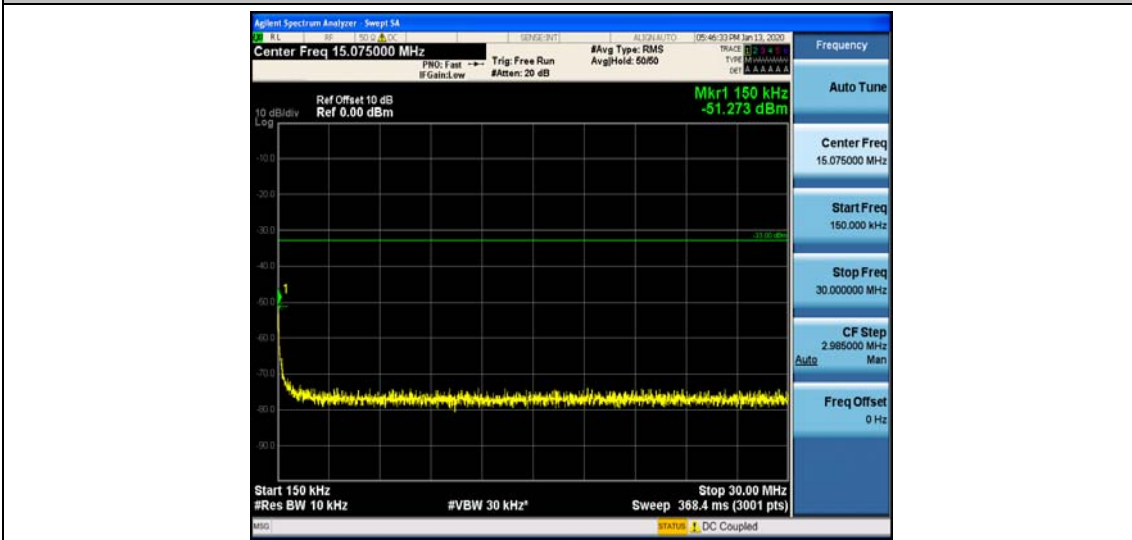
Band26_3MHz_16QAM_26775_1RB#0



Band26_5MHz_QPSK_26715_1RB#0



Band26_5MHz_QPSK_26715_1RB#0



Band26_5MHz_QPSK_26715_1RB#0



Band26_5MHz_QPSK_26715_1RB#0



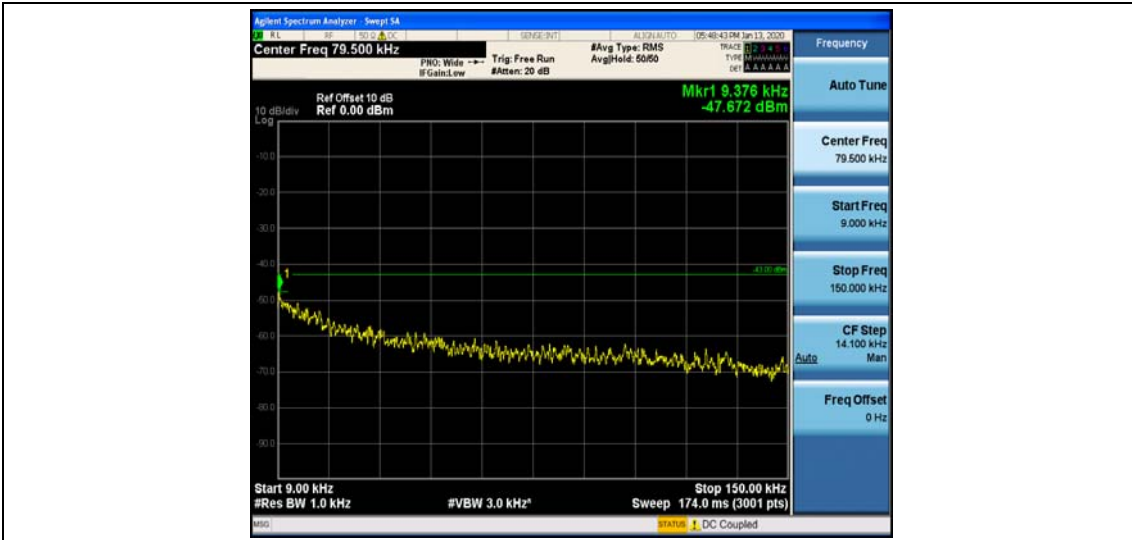
Band26_5MHz_QPSK_26715_1RB#0



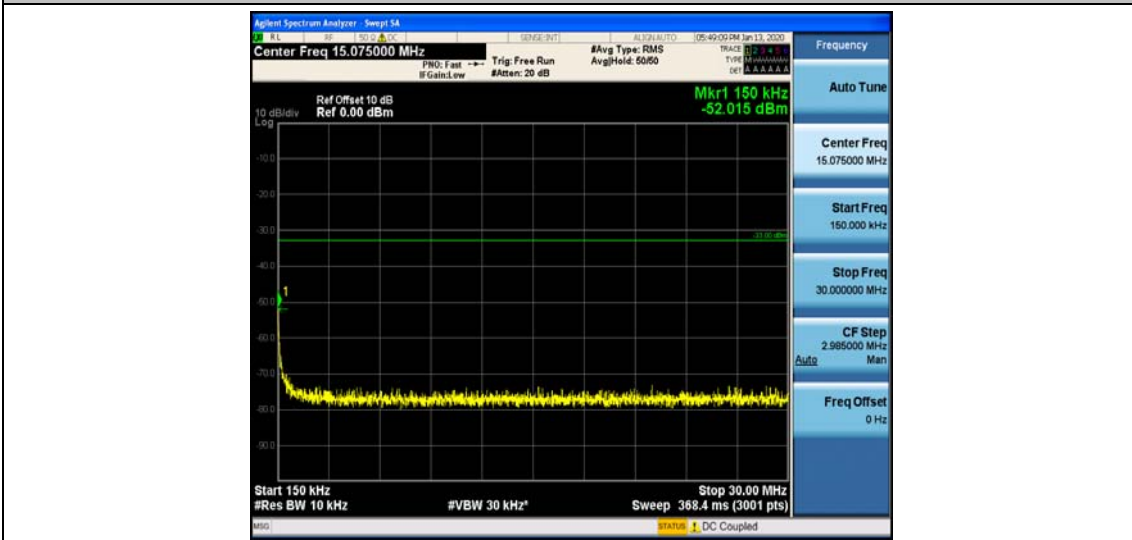
Band26_5MHz_QPSK_26715_1RB#0



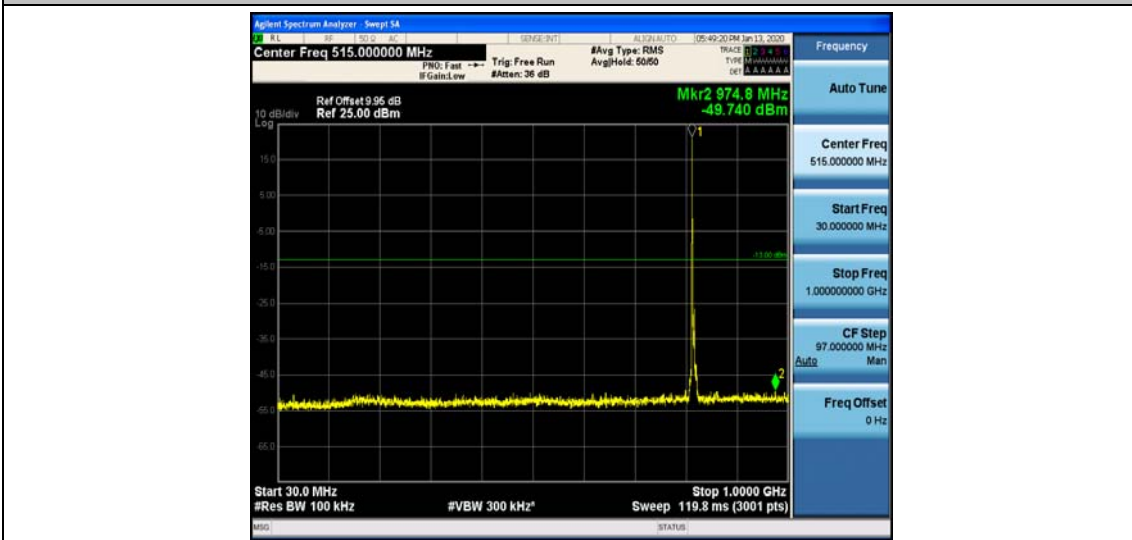
Band26_5MHz_QPSK_26740_1RB#0



Band26_5MHz_QPSK_26740_1RB#0



Band26_5MHz_QPSK_26740_1RB#0



Band26_5MHz_QPSK_26740_1RB#0



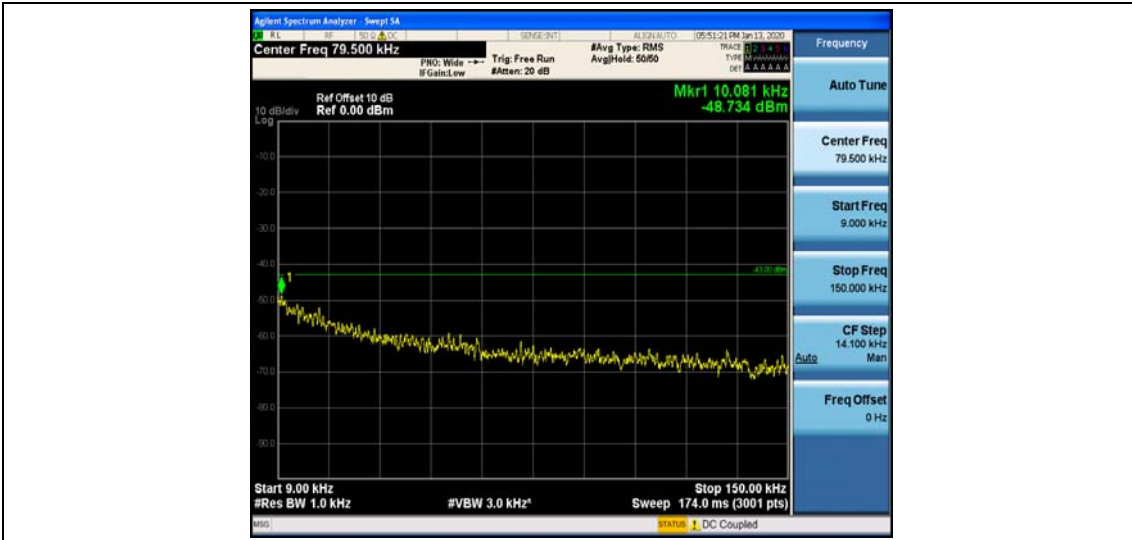
Band26_5MHz_QPSK_26740_1RB#0



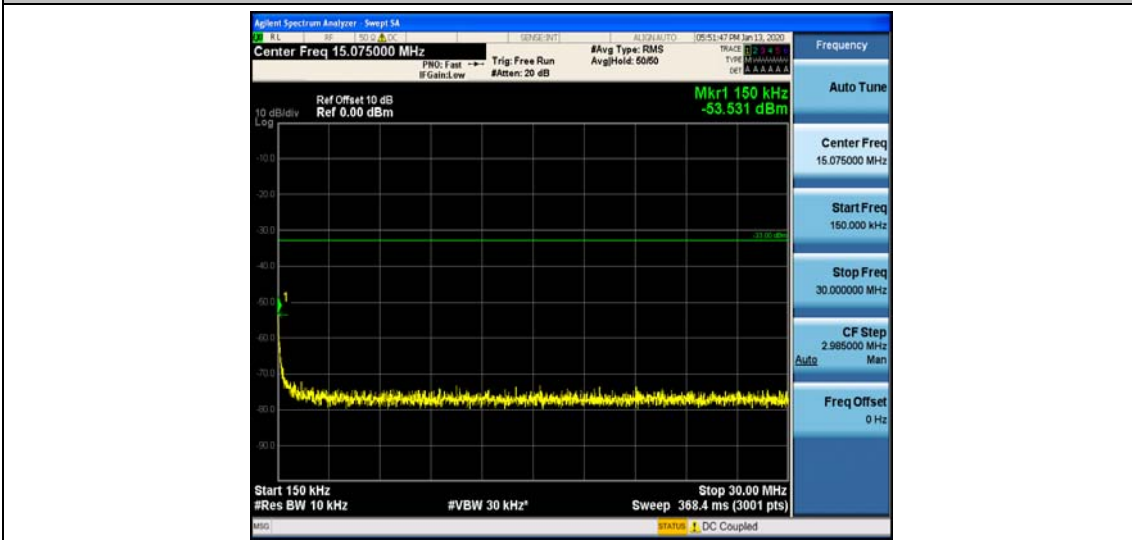
Band26_5MHz_QPSK_26740_1RB#0



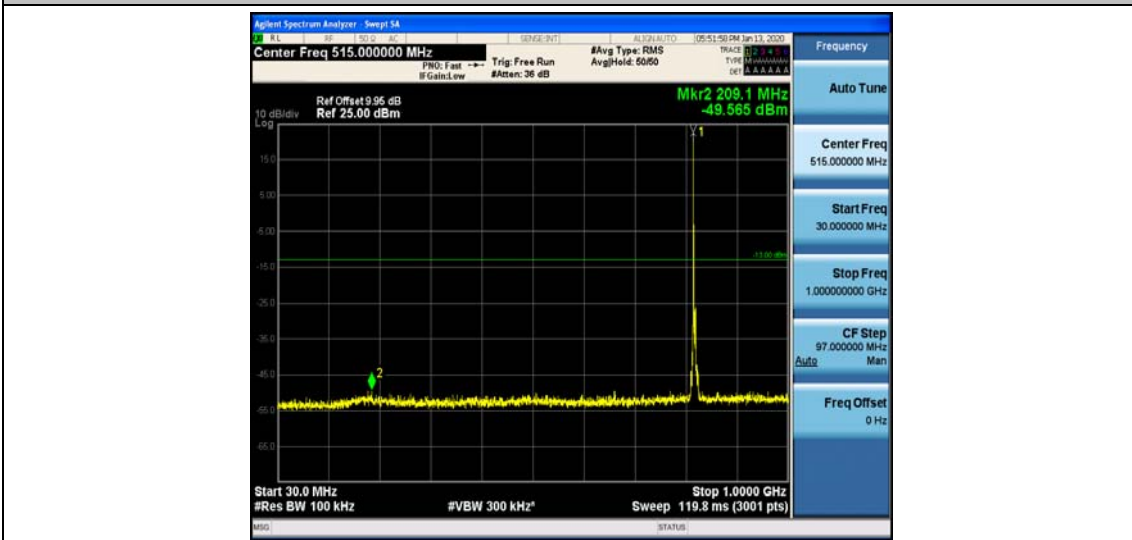
Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_QPSK_26765_1RB#0



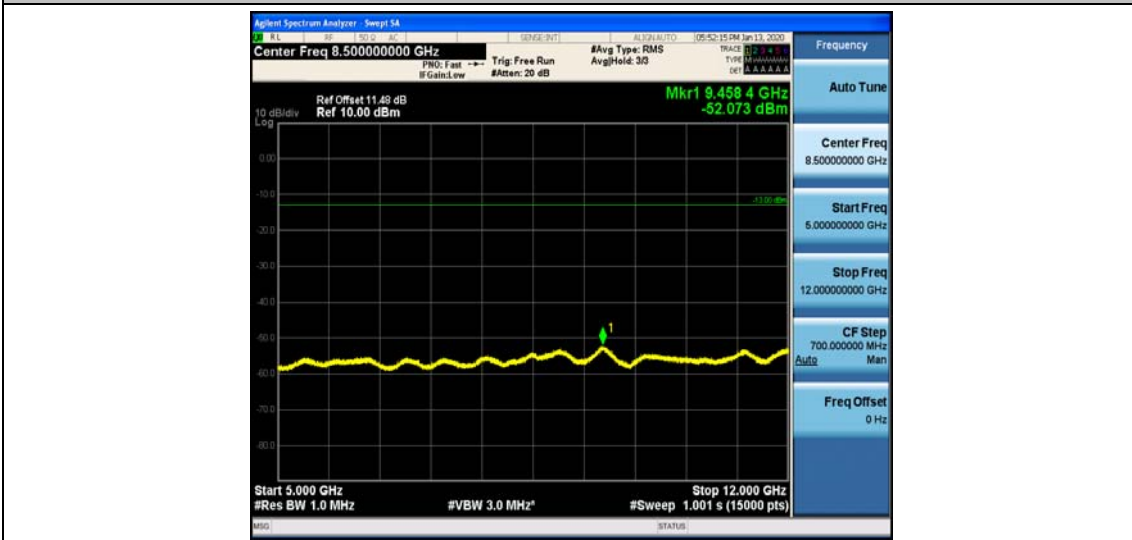
Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_QPSK_26765_1RB#0



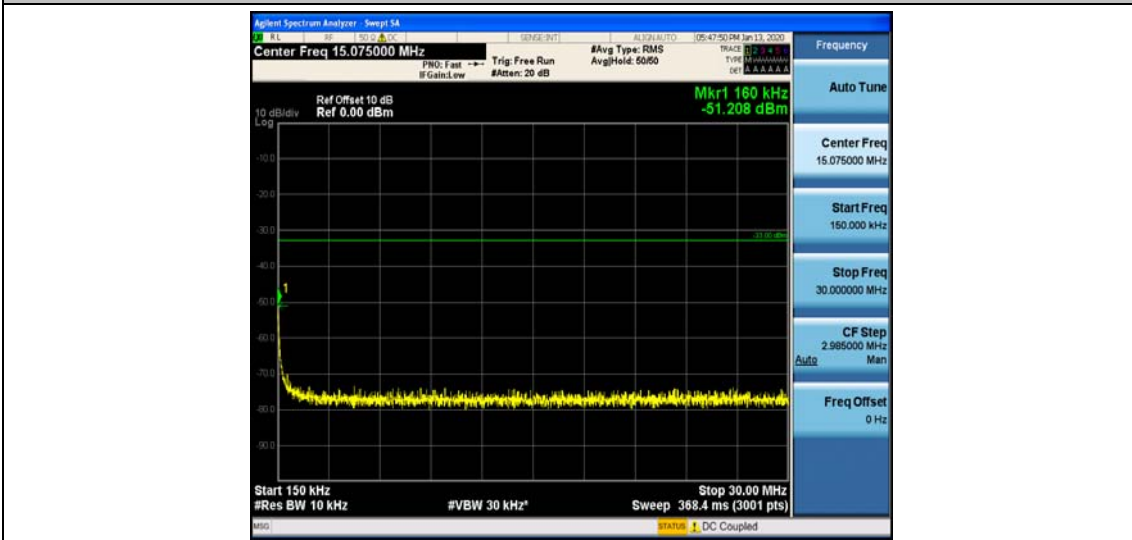
Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_16QAM_26715_1RB#0



Band26_5MHz_16QAM_26715_1RB#0



Band26_5MHz_16QAM_26715_1RB#0



Band26_5MHz_16QAM_26715_1RB#0



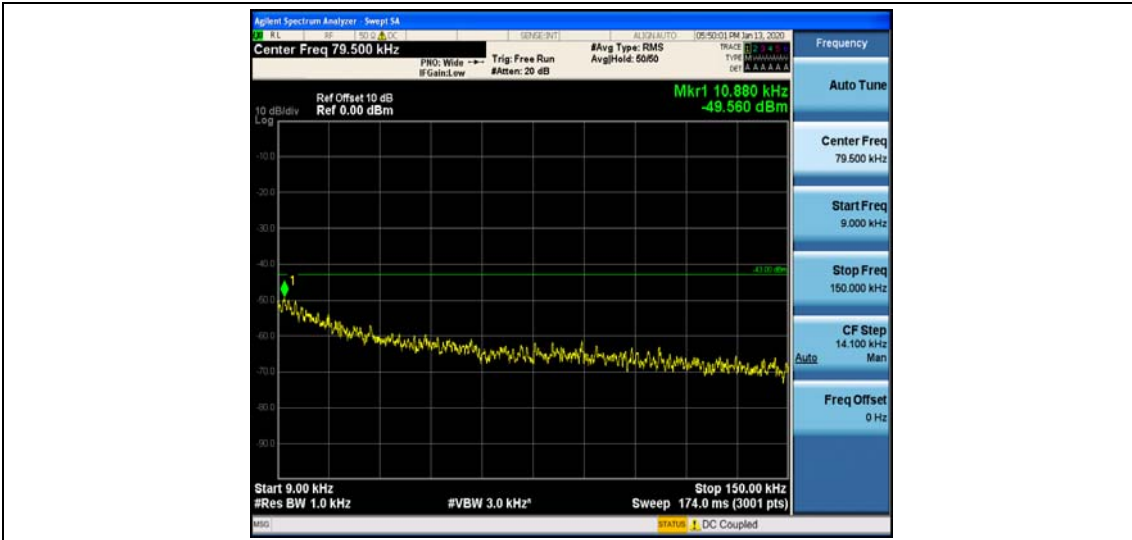
Band26_5MHz_16QAM_26715_1RB#0



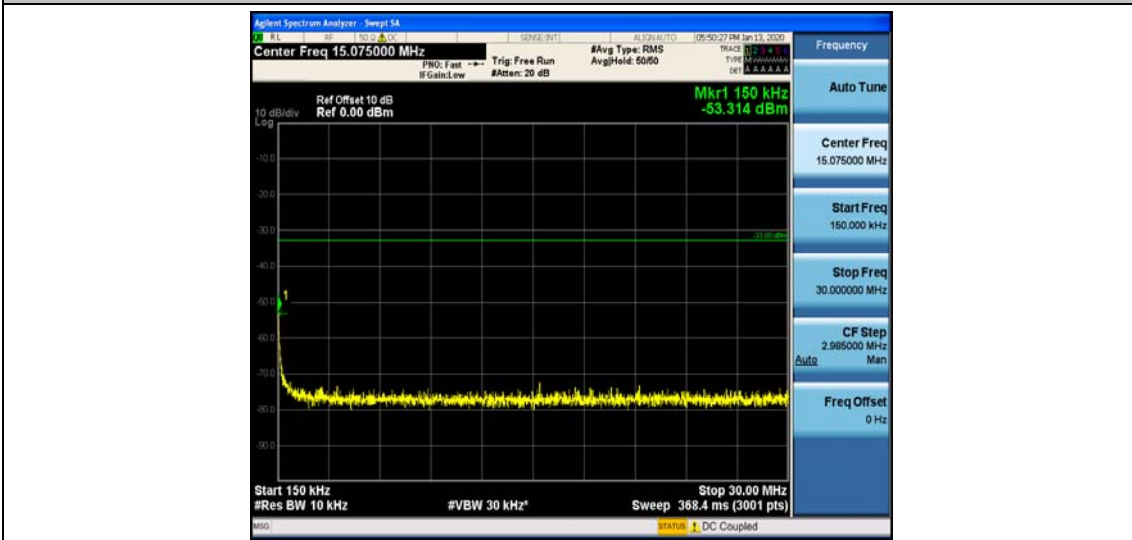
Band26_5MHz_16QAM_26715_1RB#0



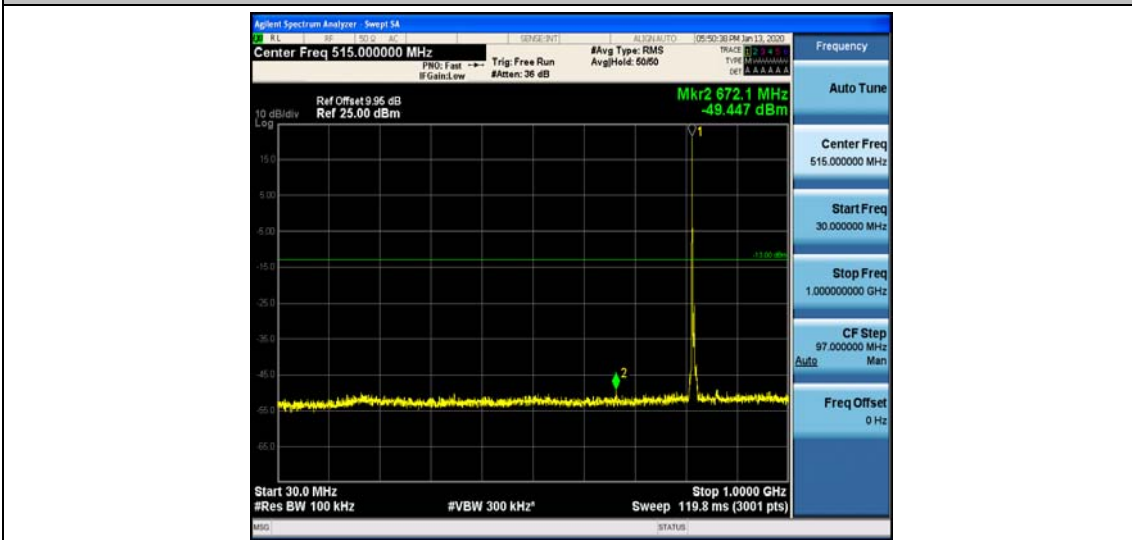
Band26_5MHz_16QAM_26740_1RB#0



Band26_5MHz_16QAM_26740_1RB#0



Band26_5MHz_16QAM_26740_1RB#0



Band26_5MHz_16QAM_26740_1RB#0



Band26_5MHz_16QAM_26740_1RB#0



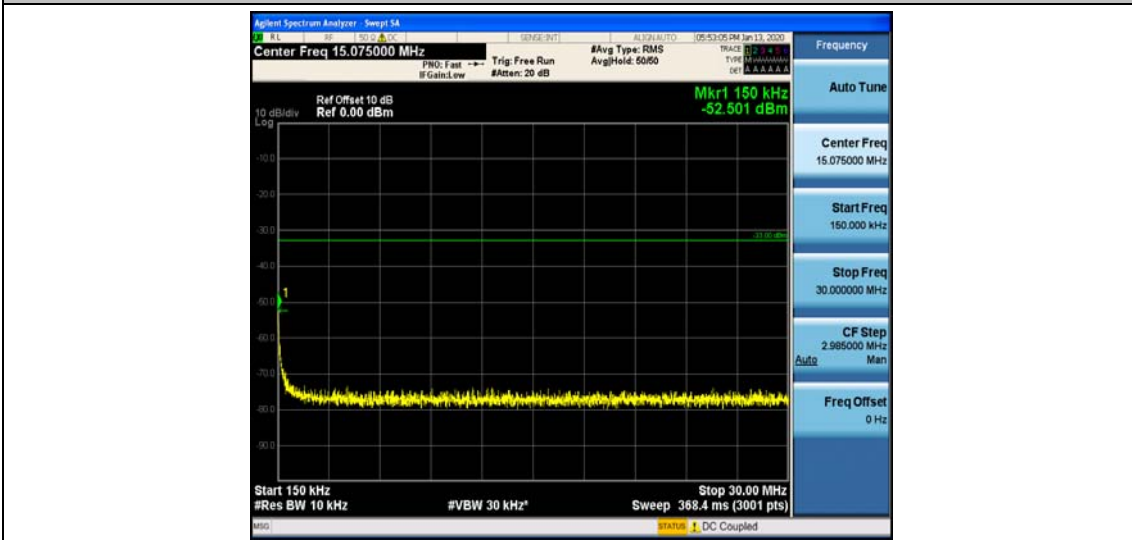
Band26_5MHz_16QAM_26740_1RB#0



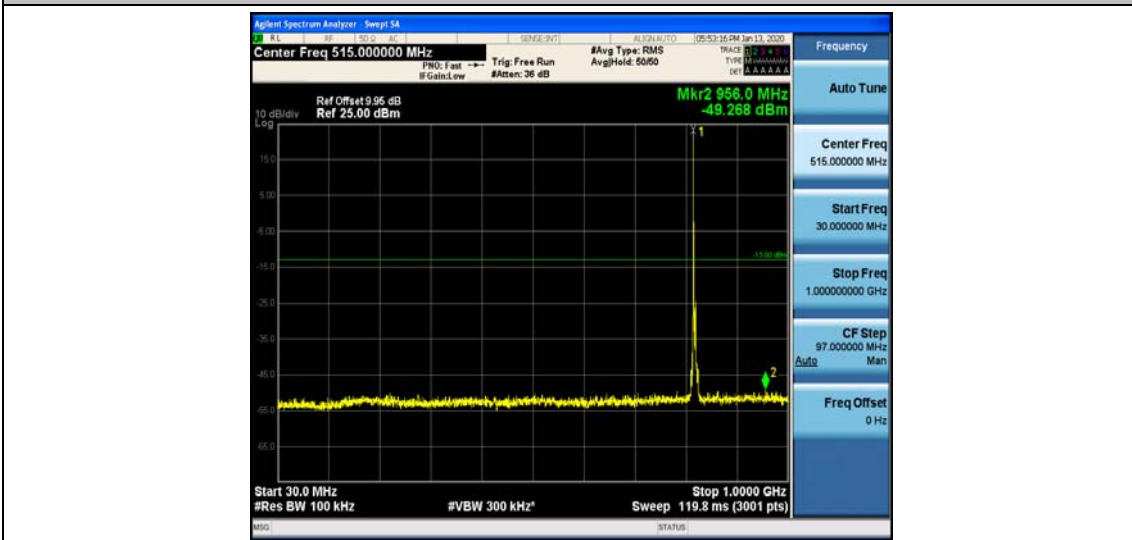
Band26_5MHz_16QAM_26765_1RB#0



Band26_5MHz_16QAM_26765_1RB#0



Band26_5MHz_16QAM_26765_1RB#0



Band26_5MHz_16QAM_26765_1RB#0



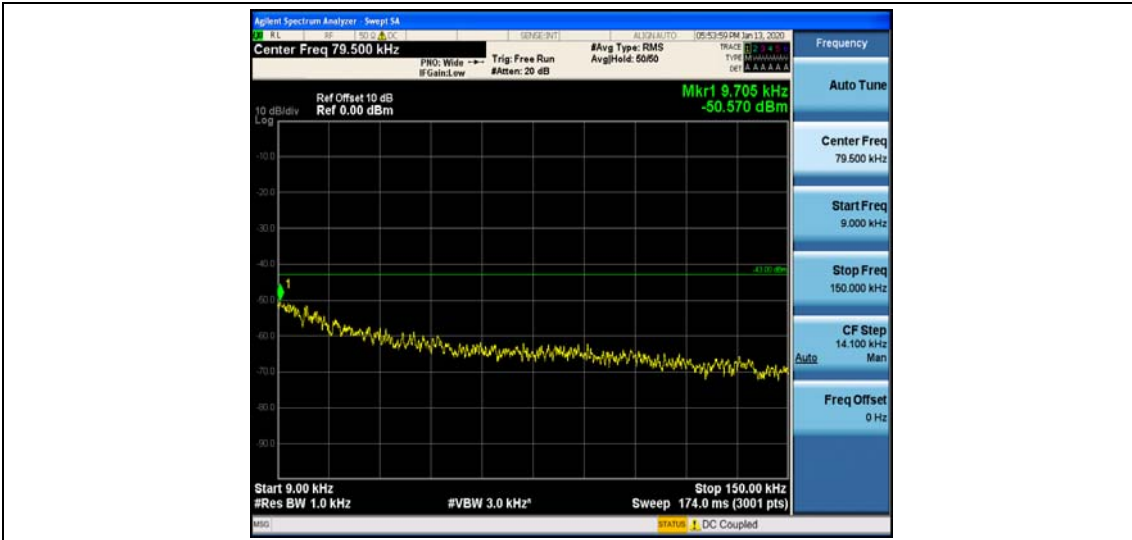
Band26_5MHz_16QAM_26765_1RB#0



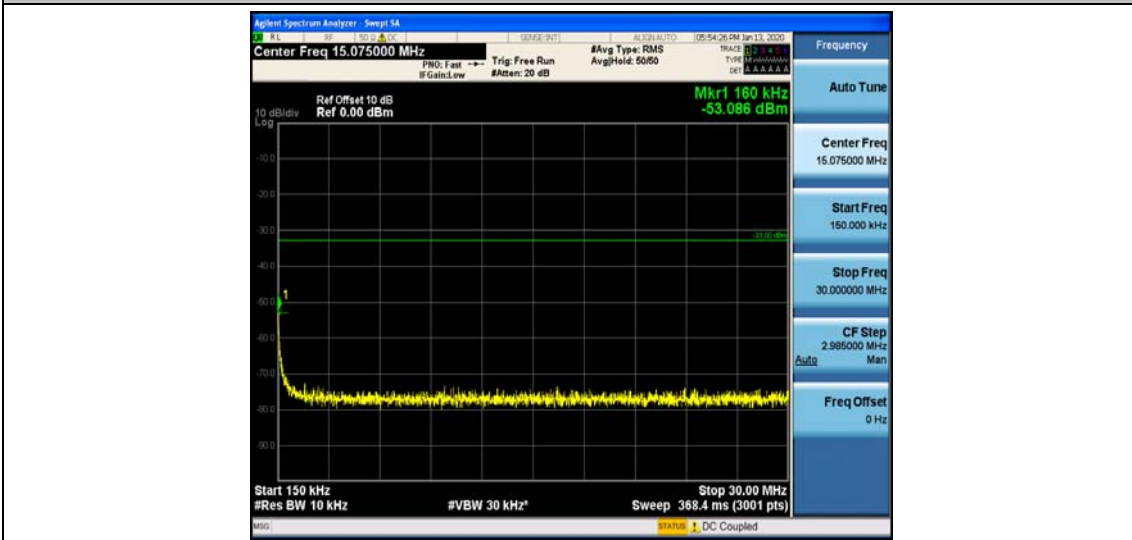
Band26_5MHz_16QAM_26765_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



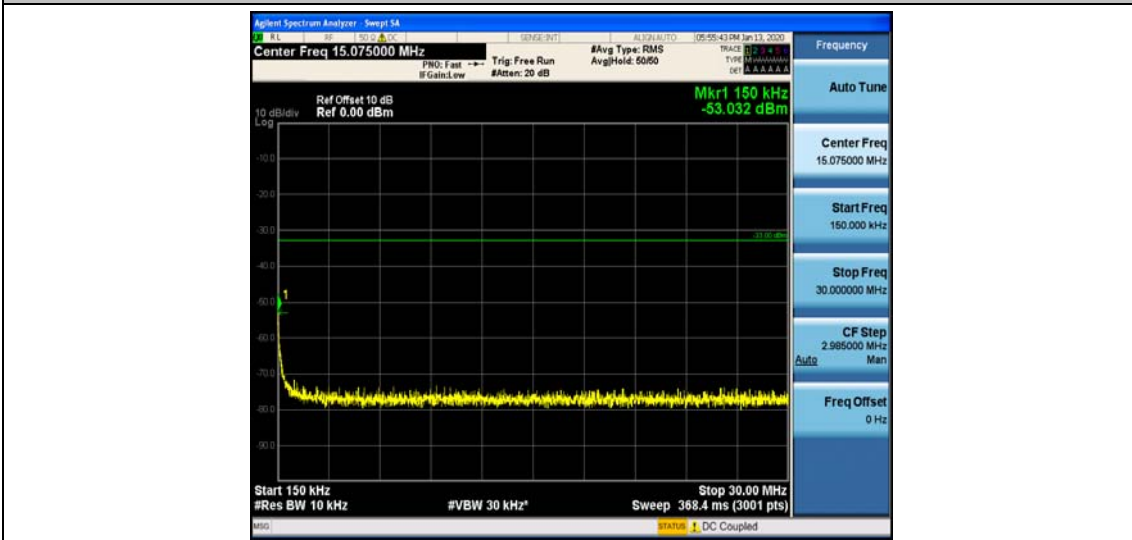
Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.07	0.004996	± 2.5	PASS
		VN	TN	2.25	0.002762	± 2.5	PASS
		VH	TN	3.4	0.004173	± 2.5	PASS
	MCH	VL	TN	2.31	0.002821	± 2.5	PASS
		VN	TN	3.28	0.004005	± 2.5	PASS
		VH	TN	-1.16	-0.001416	± 2.5	PASS
	HCH	VL	TN	1.74	0.002113	± 2.5	PASS
		VN	TN	-1.76	-0.002138	± 2.5	PASS
		VH	TN	4.68	0.005684	± 2.5	PASS
16QAM	LCH	VL	TN	-1.78	-0.002185	± 2.5	PASS
		VN	TN	4.26	0.005229	± 2.5	PASS
		VH	TN	4.61	0.005659	± 2.5	PASS
	MCH	VL	TN	0.56	0.000684	± 2.5	PASS
		VN	TN	1.06	0.001294	± 2.5	PASS
		VH	TN	2.82	0.003443	± 2.5	PASS
	HCH	VL	TN	0.72	0.000875	± 2.5	PASS
		VN	TN	3.84	0.004664	± 2.5	PASS
		VH	TN	1.81	0.002198	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.95	-0.002394	± 2.5	PASS
		VN	-20	-0.04	-0.000049	± 2.5	PASS
		VN	-10	2.09	0.002565	± 2.5	PASS
		VN	0	2.62	0.003216	± 2.5	PASS
		VN	10	-0.84	-0.001031	± 2.5	PASS
		VN	20	4.57	0.005609	± 2.5	PASS
		VN	30	0.79	0.000970	± 2.5	PASS
		VN	40	3.5	0.004296	± 2.5	PASS
	MCH	VN	50	-2	-0.002455	± 2.5	PASS
		VN	-30	-1.84	-0.002247	± 2.5	PASS
		VN	-20	0.01	0.000012	± 2.5	PASS



		VN	-10	3.6	0.004396	± 2.5	PASS		
		VN	0	4.39	0.005360	± 2.5	PASS		
		VN	10	2.12	0.002589	± 2.5	PASS		
		VN	20	-1.62	-0.001978	± 2.5	PASS		
		VN	30	3.58	0.004371	± 2.5	PASS		
		VN	40	-1.1	-0.001343	± 2.5	PASS		
		VN	50	2.07	0.002527	± 2.5	PASS		
	HCH	VN	-30	0.96	0.001166	± 2.5	PASS		
		VN	-20	-0.24	-0.000292	± 2.5	PASS		
		VN	-10	3.22	0.003911	± 2.5	PASS		
		VN	0	-1.41	-0.001713	± 2.5	PASS		
		VN	10	-0.93	-0.001130	± 2.5	PASS		
		VN	20	4.36	0.005296	± 2.5	PASS		
		VN	30	4.07	0.004944	± 2.5	PASS		
		VN	40	0.96	0.001166	± 2.5	PASS		
		VN	50	1.81	0.002198	± 2.5	PASS		
		16QAM	LCH	VN	-30	-1.66	-0.002038	± 2.5	PASS
				VN	-20	-0.17	-0.000209	± 2.5	PASS
VN	-10			4.94	0.006064	± 2.5	PASS		
VN	0			-0.99	-0.001215	± 2.5	PASS		
VN	10			2.7	0.003314	± 2.5	PASS		
VN	20			0.09	0.000110	± 2.5	PASS		
VN	30			4.97	0.006100	± 2.5	PASS		
VN	40			4.61	0.005659	± 2.5	PASS		
VN	50			1.24	0.001522	± 2.5	PASS		
MCH	VN		-30	1.62	0.001978	± 2.5	PASS		
	VN		-20	1.51	0.001844	± 2.5	PASS		
	VN		-10	-0.75	-0.000916	± 2.5	PASS		
	VN		0	1.16	0.001416	± 2.5	PASS		
	VN		10	3.66	0.004469	± 2.5	PASS		
	VN		20	-0.68	-0.000830	± 2.5	PASS		
	VN		30	4.07	0.004969	± 2.5	PASS		
	VN		40	2.79	0.003407	± 2.5	PASS		
	VN		50	1.25	0.001526	± 2.5	PASS		
HCH	VN		-30	0.61	0.000741	± 2.5	PASS		
	VN		-20	-1.52	-0.001846	± 2.5	PASS		
	VN		-10	2.25	0.002733	± 2.5	PASS		
	VN		0	3.69	0.004482	± 2.5	PASS		
	VN		10	-0.7	-0.000850	± 2.5	PASS		
	VN		20	4.02	0.004883	± 2.5	PASS		
	VN		30	4.61	0.005599	± 2.5	PASS		



		VN	40	-1.89	-0.002296	± 2.5	PASS
		VN	50	-0.19	-0.000231	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.38	0.005371	± 2.5	PASS
		VN	TN	1.09	0.001337	± 2.5	PASS
		VH	TN	-0.4	-0.000490	± 2.5	PASS
	MCH	VL	TN	-0.28	-0.000342	± 2.5	PASS
		VN	TN	3.43	0.004188	± 2.5	PASS
		VH	TN	-1.7	-0.002076	± 2.5	PASS
	HCH	VL	TN	1.91	0.002322	± 2.5	PASS
		VN	TN	1.43	0.001739	± 2.5	PASS
		VH	TN	-1.34	-0.001629	± 2.5	PASS
16QAM	LCH	VL	TN	1.68	0.002060	± 2.5	PASS
		VN	TN	0.38	0.000466	± 2.5	PASS
		VH	TN	3.85	0.004721	± 2.5	PASS
	MCH	VL	TN	0.8	0.000977	± 2.5	PASS
		VN	TN	2.59	0.003162	± 2.5	PASS
		VH	TN	3.93	0.004799	± 2.5	PASS
	HCH	VL	TN	2.71	0.003295	± 2.5	PASS
		VN	TN	3.74	0.004547	± 2.5	PASS
		VH	TN	1.5	0.001824	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.11	-0.001361	± 2.5	PASS
		VN	-20	0.55	0.000674	± 2.5	PASS
		VN	-10	-0.44	-0.000540	± 2.5	PASS
		VN	0	-0.74	-0.000907	± 2.5	PASS
		VN	10	0.42	0.000515	± 2.5	PASS
		VN	20	2.42	0.002968	± 2.5	PASS
		VN	30	2.34	0.002869	± 2.5	PASS
		VN	40	3.74	0.004586	± 2.5	PASS
		VN	50	0.24	0.000294	± 2.5	PASS
	MCH	VN	-30	0.48	0.000586	± 2.5	PASS
		VN	-20	-0.09	-0.000110	± 2.5	PASS
		VN	-10	3.45	0.004212	± 2.5	PASS



		VN	0	2.11	0.002576	± 2.5	PASS		
		VN	10	0.85	0.001038	± 2.5	PASS		
		VN	20	1.82	0.002222	± 2.5	PASS		
		VN	30	0.8	0.000977	± 2.5	PASS		
		VN	40	4.28	0.005226	± 2.5	PASS		
		VN	50	4.55	0.005556	± 2.5	PASS		
	HCH	VN	-30	4.44	0.005398	± 2.5	PASS		
		VN	-20	4.38	0.005325	± 2.5	PASS		
		VN	-10	2.96	0.003599	± 2.5	PASS		
		VN	0	-0.34	-0.000413	± 2.5	PASS		
		VN	10	4.86	0.005909	± 2.5	PASS		
		VN	20	3.26	0.003964	± 2.5	PASS		
		VN	30	-1.5	-0.001824	± 2.5	PASS		
		VN	40	4.38	0.005325	± 2.5	PASS		
		VN	50	0.34	0.000413	± 2.5	PASS		
		16QAM	LCH	VN	-30	1.22	0.001496	± 2.5	PASS
				VN	-20	1.21	0.001484	± 2.5	PASS
				VN	-10	2.32	0.002845	± 2.5	PASS
VN	0			-0.55	-0.000674	± 2.5	PASS		
VN	10			-1.71	-0.002097	± 2.5	PASS		
VN	20			1.71	0.002097	± 2.5	PASS		
VN	30			1.65	0.002023	± 2.5	PASS		
VN	40			-0.67	-0.000822	± 2.5	PASS		
VN	50			1.42	0.001741	± 2.5	PASS		
MCH	VN		-30	4.37	0.005336	± 2.5	PASS		
	VN		-20	0.28	0.000342	± 2.5	PASS		
	VN		-10	2.55	0.003114	± 2.5	PASS		
	VN		0	4.98	0.006081	± 2.5	PASS		
	VN		10	3.18	0.003883	± 2.5	PASS		
	VN		20	0.15	0.000183	± 2.5	PASS		
	VN		30	1.11	0.001355	± 2.5	PASS		
	VN		40	-0.05	-0.000061	± 2.5	PASS		
	VN		50	3.26	0.003980	± 2.5	PASS		
HCH	VN		-30	-0.76	-0.000924	± 2.5	PASS		
	VN		-20	2.79	0.003392	± 2.5	PASS		
	VN		-10	-0.74	-0.000900	± 2.5	PASS		
	VN		0	-1.82	-0.002213	± 2.5	PASS		
	VN		10	3.68	0.004474	± 2.5	PASS		
	VN		20	-1.85	-0.002249	± 2.5	PASS		
	VN		30	1.96	0.002383	± 2.5	PASS		
	VN		40	4.78	0.005812	± 2.5	PASS		



		VN	50	2.03	0.002468	± 2.5	PASS
--	--	----	----	------	----------	-------	------

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.02	0.002474	± 2.5	PASS
		VN	TN	2	0.002449	± 2.5	PASS
		VH	TN	3.81	0.004666	± 2.5	PASS
	MCH	VL	TN	2.81	0.003431	± 2.5	PASS
		VN	TN	-0.11	-0.000134	± 2.5	PASS
		VH	TN	2.05	0.002503	± 2.5	PASS
	HCH	VL	TN	-1.55	-0.001887	± 2.5	PASS
		VN	TN	4.18	0.005088	± 2.5	PASS
		VH	TN	2.45	0.002982	± 2.5	PASS
16QAM	LCH	VL	TN	4.66	0.005707	± 2.5	PASS
		VN	TN	1.97	0.002413	± 2.5	PASS
		VH	TN	1.5	0.001837	± 2.5	PASS
	MCH	VL	TN	3.3	0.004029	± 2.5	PASS
		VN	TN	1.94	0.002369	± 2.5	PASS
		VH	TN	-1.94	-0.002369	± 2.5	PASS
	HCH	VL	TN	-1.46	-0.001777	± 2.5	PASS
		VN	TN	0.97	0.001181	± 2.5	PASS
		VH	TN	0.93	0.001132	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.12	-0.000147	± 2.5	PASS
		VN	-20	2.11	0.002584	± 2.5	PASS
		VN	-10	1.23	0.001506	± 2.5	PASS
		VN	0	2.75	0.003368	± 2.5	PASS
		VN	10	-1.98	-0.002425	± 2.5	PASS
		VN	20	0.59	0.000723	± 2.5	PASS
		VN	30	4.25	0.005205	± 2.5	PASS
		VN	40	-0.55	-0.000674	± 2.5	PASS
	MCH	VN	50	-0.13	-0.000159	± 2.5	PASS
		VN	-30	-0.37	-0.000452	± 2.5	PASS
		VN	-20	-1.42	-0.001734	± 2.5	PASS
		VN	-10	2.63	0.003211	± 2.5	PASS
		VN	0	0.67	0.000818	± 2.5	PASS



		VN	10	2.71	0.003309	± 2.5	PASS
		VN	20	3.43	0.004188	± 2.5	PASS
		VN	30	0.45	0.000549	± 2.5	PASS
		VN	40	-0.54	-0.000659	± 2.5	PASS
		VN	50	-0.34	-0.000415	± 2.5	PASS
	HCH	VN	-30	2.8	0.003408	± 2.5	PASS
		VN	-20	2.24	0.002727	± 2.5	PASS
		VN	-10	-0.1	-0.000122	± 2.5	PASS
		VN	0	-0.3	-0.000365	± 2.5	PASS
		VN	10	-1.65	-0.002009	± 2.5	PASS
		VN	20	2.6	0.003165	± 2.5	PASS
		VN	30	3.69	0.004492	± 2.5	PASS
		VN	40	3.33	0.004054	± 2.5	PASS
		VN	50	-0.93	-0.001132	± 2.5	PASS
		16QAM	LCH	VN	-30	3.56	0.004360
VN	-20			1.45	0.001776	± 2.5	PASS
VN	-10			3.78	0.004630	± 2.5	PASS
VN	0			2.31	0.002829	± 2.5	PASS
VN	10			4.8	0.005879	± 2.5	PASS
VN	20			3.2	0.003919	± 2.5	PASS
VN	30			-1.08	-0.001323	± 2.5	PASS
VN	40			-0.2	-0.000245	± 2.5	PASS
VN	50			0.67	0.000821	± 2.5	PASS
MCH	VN		-30	-1.91	-0.002332	± 2.5	PASS
	VN		-20	3.39	0.004139	± 2.5	PASS
	VN		-10	2.11	0.002576	± 2.5	PASS
	VN		0	4.48	0.005470	± 2.5	PASS
	VN		10	4.82	0.005885	± 2.5	PASS
	VN		20	2.24	0.002735	± 2.5	PASS
	VN		30	-0.81	-0.000989	± 2.5	PASS
	VN		40	3.09	0.003773	± 2.5	PASS
	VN		50	4.39	0.005360	± 2.5	PASS
HCH	VN		-30	0.25	0.000304	± 2.5	PASS
	VN		-20	1.6	0.001948	± 2.5	PASS
	VN		-10	4.28	0.005210	± 2.5	PASS
	VN		0	-0.91	-0.001108	± 2.5	PASS
	VN		10	2.25	0.002739	± 2.5	PASS
	VN		20	-0.76	-0.000925	± 2.5	PASS
	VN		30	2.1	0.002556	± 2.5	PASS
	VN		40	4.65	0.005660	± 2.5	PASS
	VN		50	1.55	0.001887	± 2.5	PASS



Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VL	TN	-1.22	-0.001490	± 2.5	PASS
		VN	TN	2.05	0.002503	± 2.5	PASS
		VH	TN	2.86	0.003492	± 2.5	PASS
16QAM	MCH	VL	TN	-1.8	-0.002198	± 2.5	PASS
		VN	TN	4.65	0.005678	± 2.5	PASS
		VH	TN	2.51	0.003065	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	3.64	0.004444	± 2.5	PASS
		VN	-20	4.18	0.005104	± 2.5	PASS
		VN	-10	3.35	0.004090	± 2.5	PASS
		VN	0	2.11	0.002576	± 2.5	PASS
		VN	10	3.22	0.003932	± 2.5	PASS
		VN	20	1.58	0.001929	± 2.5	PASS
		VN	30	0.92	0.001123	± 2.5	PASS
		VN	40	0.89	0.001087	± 2.5	PASS
		VN	50	4.36	0.005324	± 2.5	PASS
16QAM	MCH	VN	-30	-1.8	-0.002198	± 2.5	PASS
		VN	-20	0.8	0.000977	± 2.5	PASS
		VN	-10	4.27	0.005214	± 2.5	PASS
		VN	0	3.65	0.004457	± 2.5	PASS
		VN	10	2.07	0.002527	± 2.5	PASS
		VN	20	-0.09	-0.000110	± 2.5	PASS
		VN	30	0.16	0.000195	± 2.5	PASS
		VN	40	4.31	0.005263	± 2.5	PASS
		VN	50	1.38	0.001685	± 2.5	PASS