



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

Waltek Testing Group (Shenzhen) Co., Ltd.

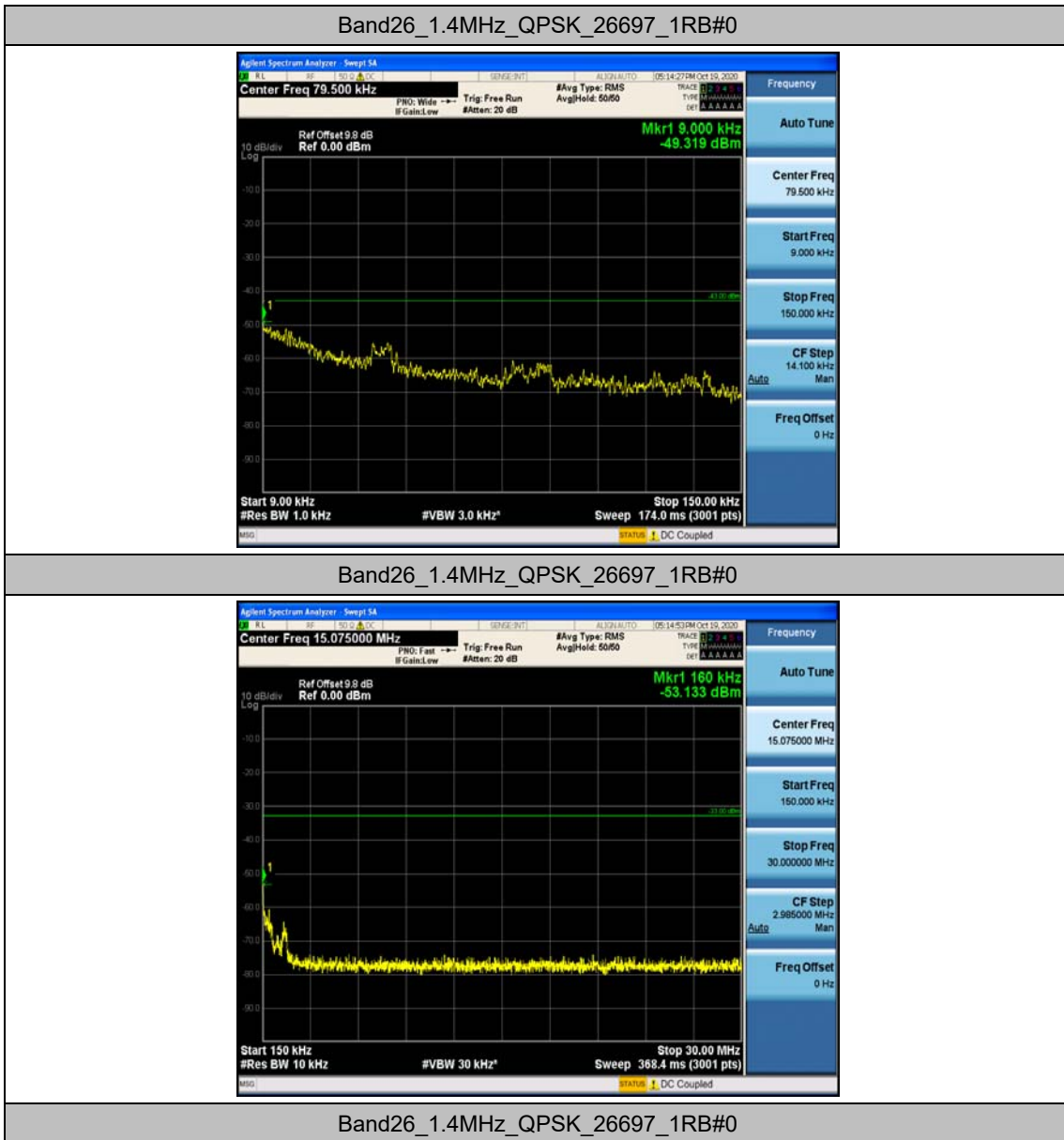
<http://www.semtest.com.cn>

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
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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
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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
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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
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Band26	5MHz	16QAM	26715	1RB#0	Range3:30~1000MHz	PASS
Band26	5MHz	16QAM	26715	1RB#0	Range4:1000~5000MHz	PASS
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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
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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
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Test Graphs

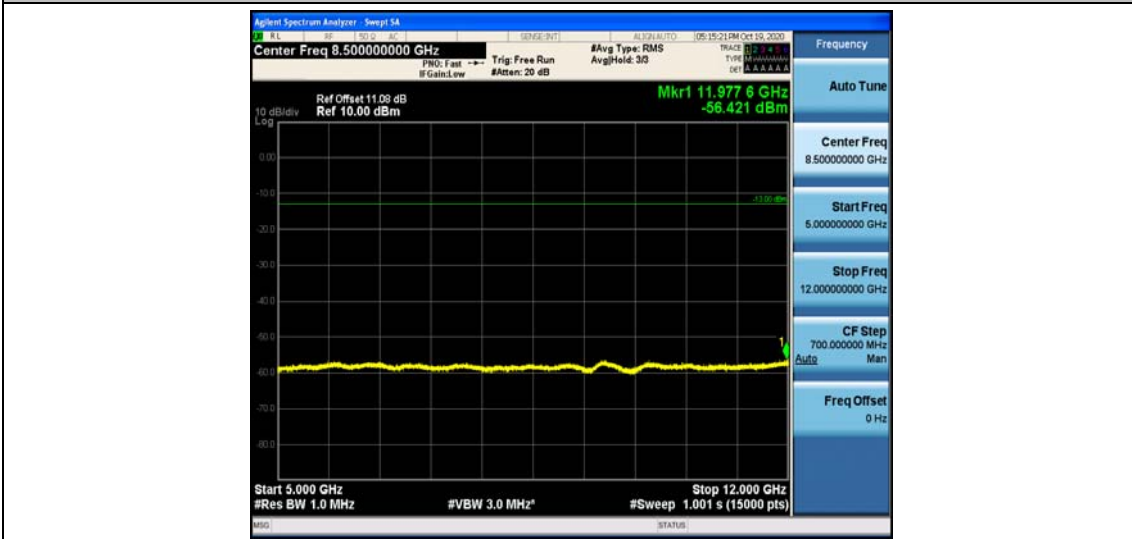




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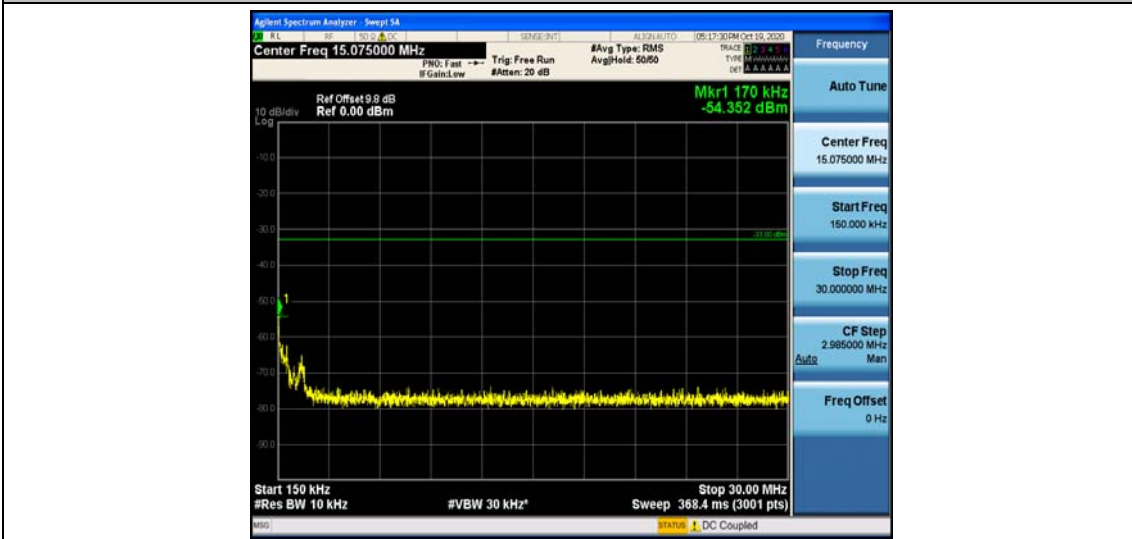
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Band26_1.4MHz_QPSK_26740_1RB#0



Band26_1.4MHz_QPSK_26740_1RB#0



Band26_1.4MHz_QPSK_26740_1RB#0



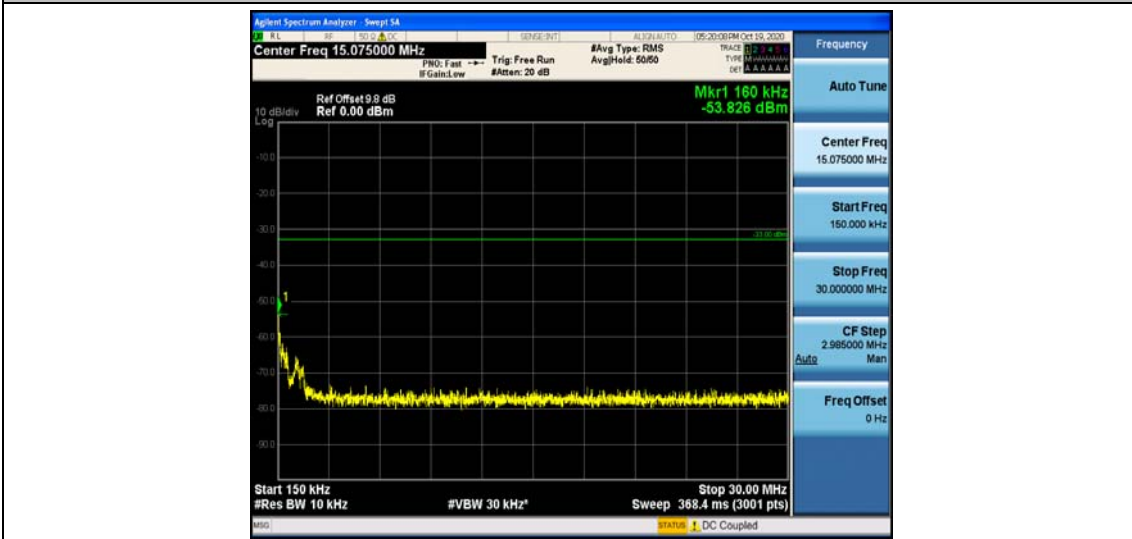
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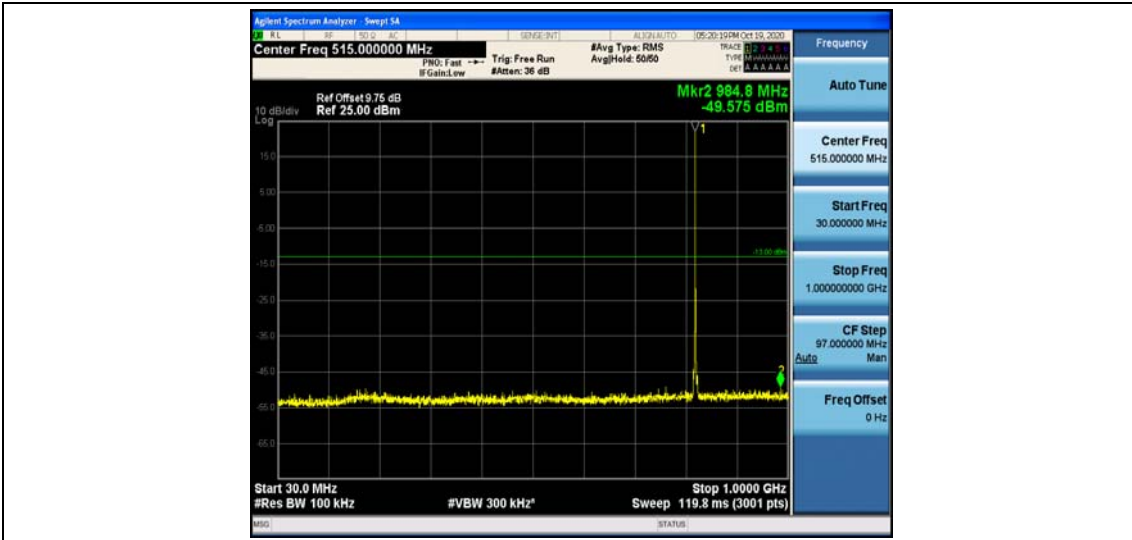
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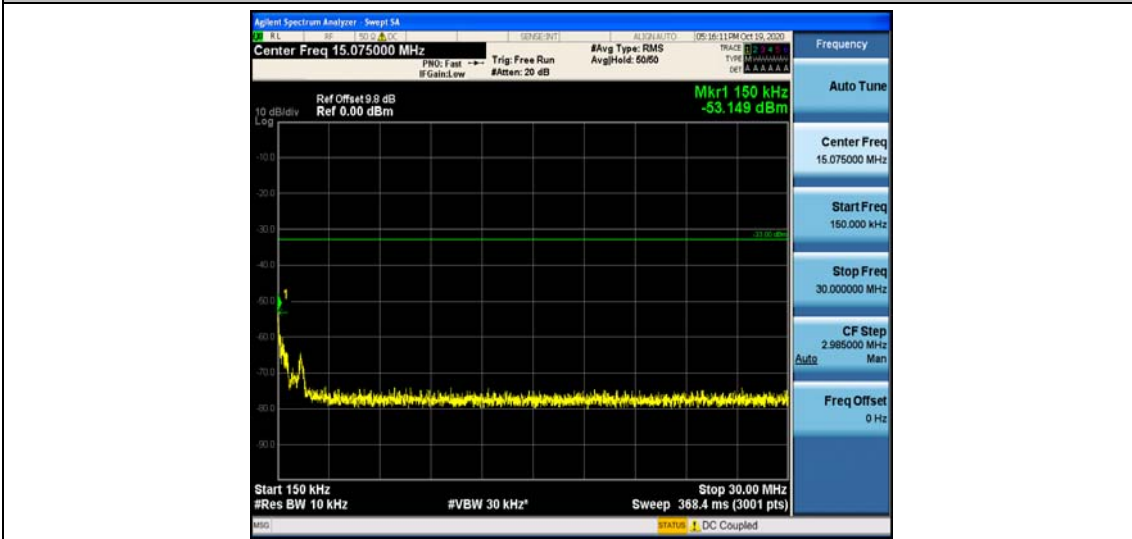
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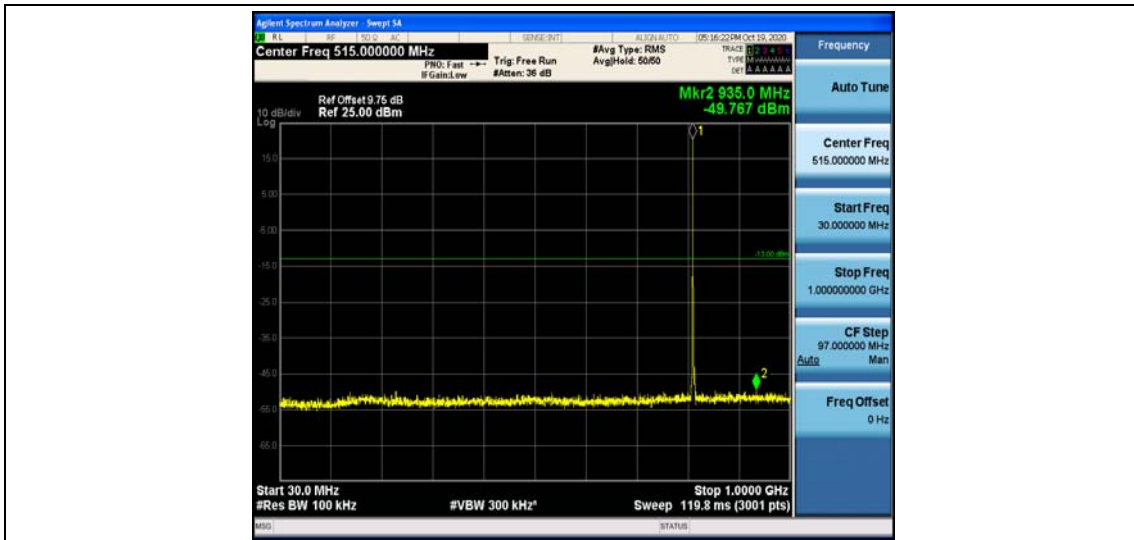
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Band26_1.4MHz_16QAM_26697_1RB#0



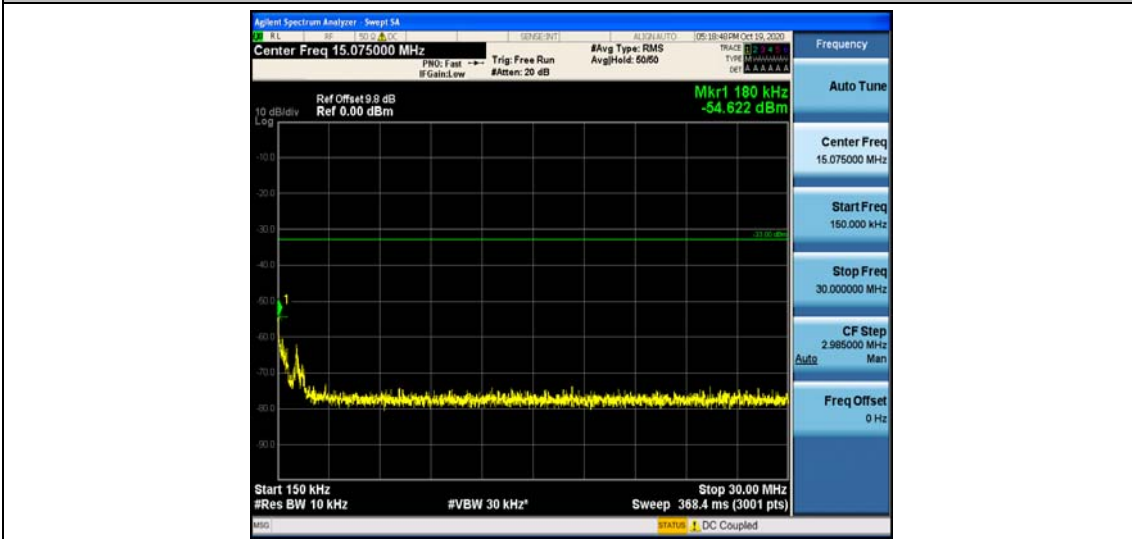
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Band26_1.4MHz_16QAM_26740_1RB#0



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



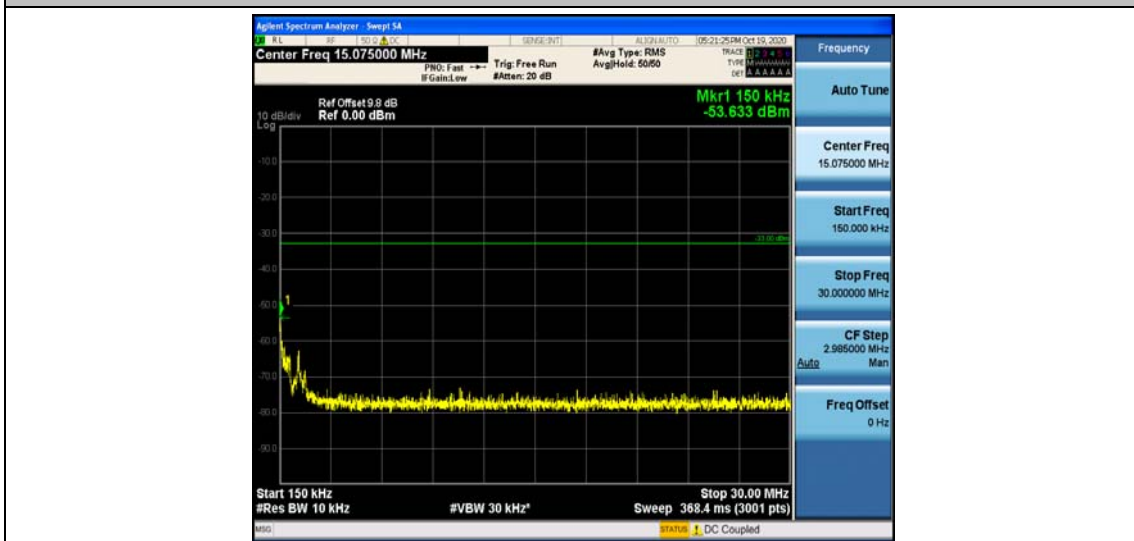
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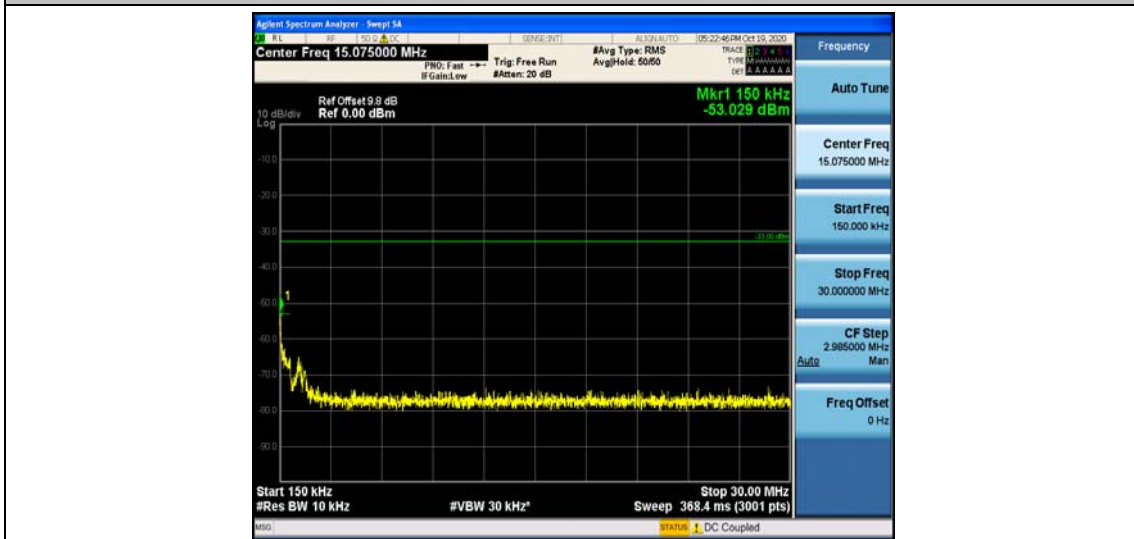
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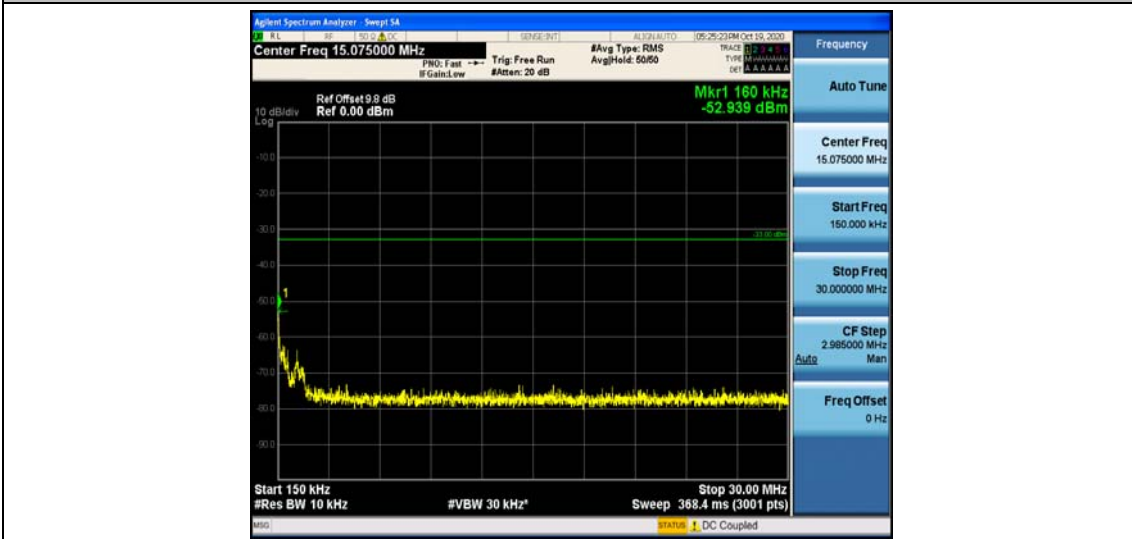
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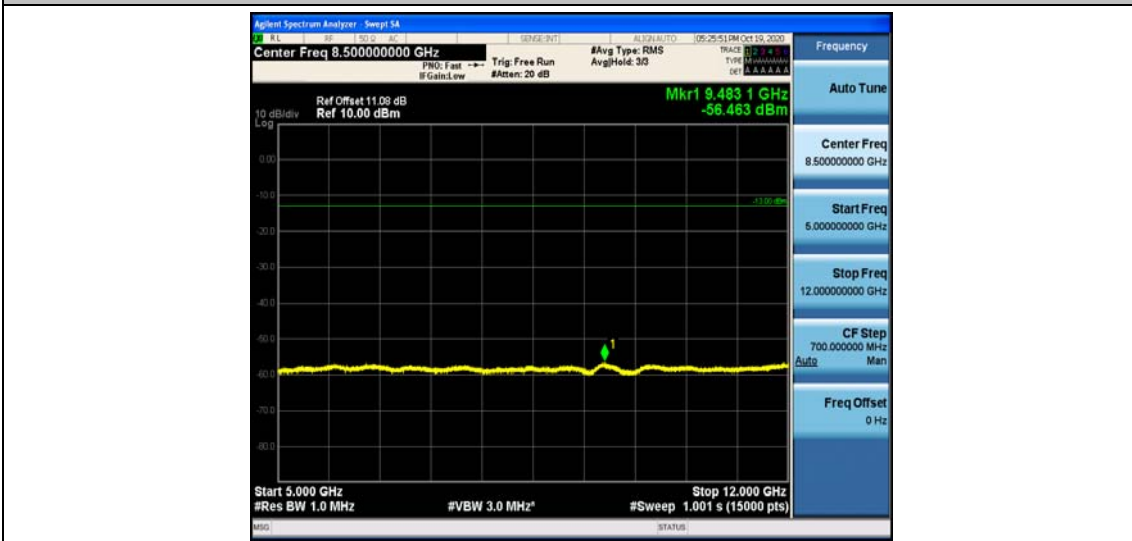
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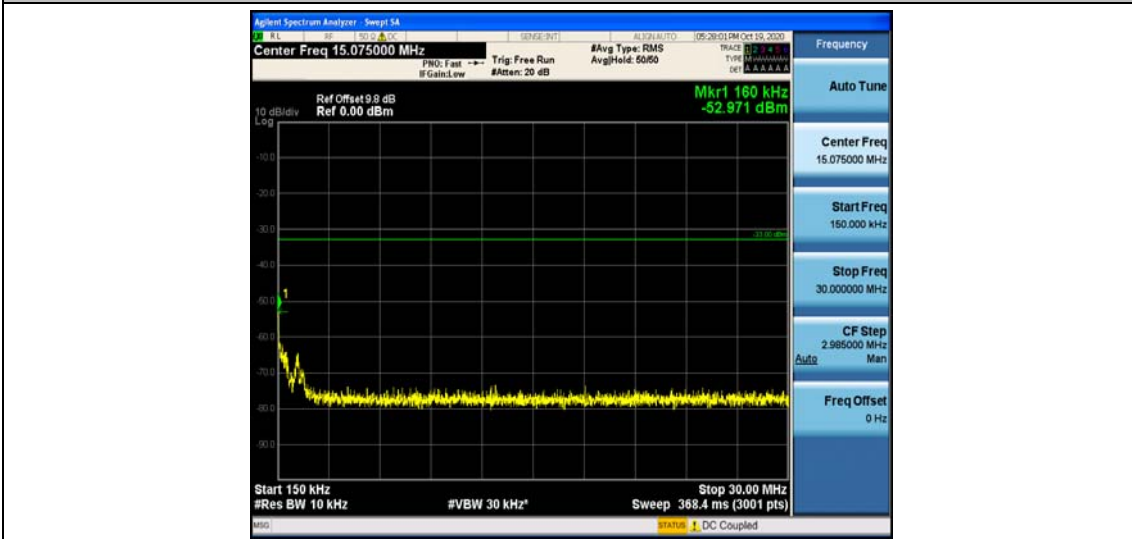
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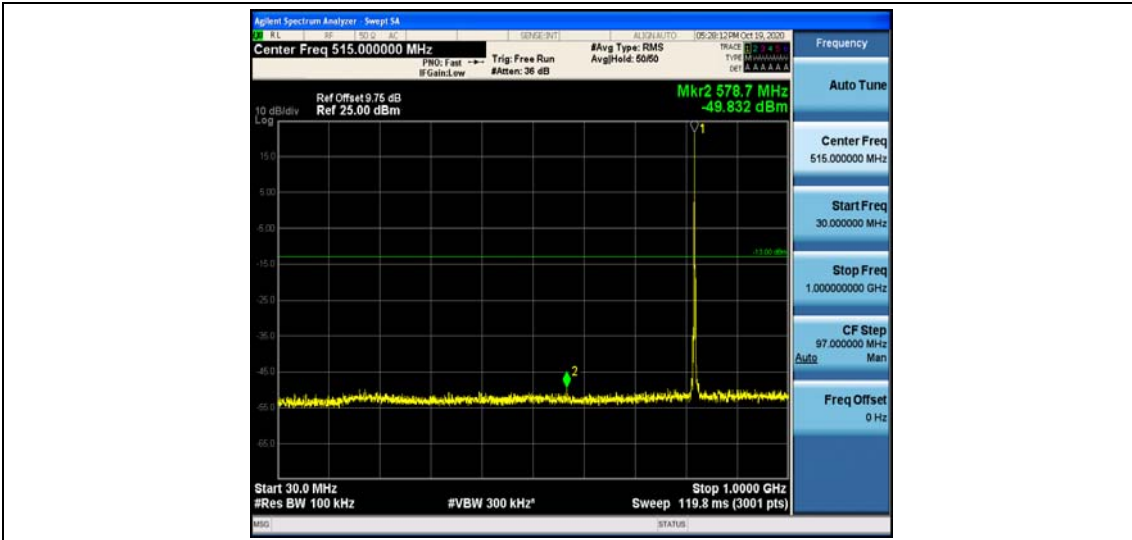
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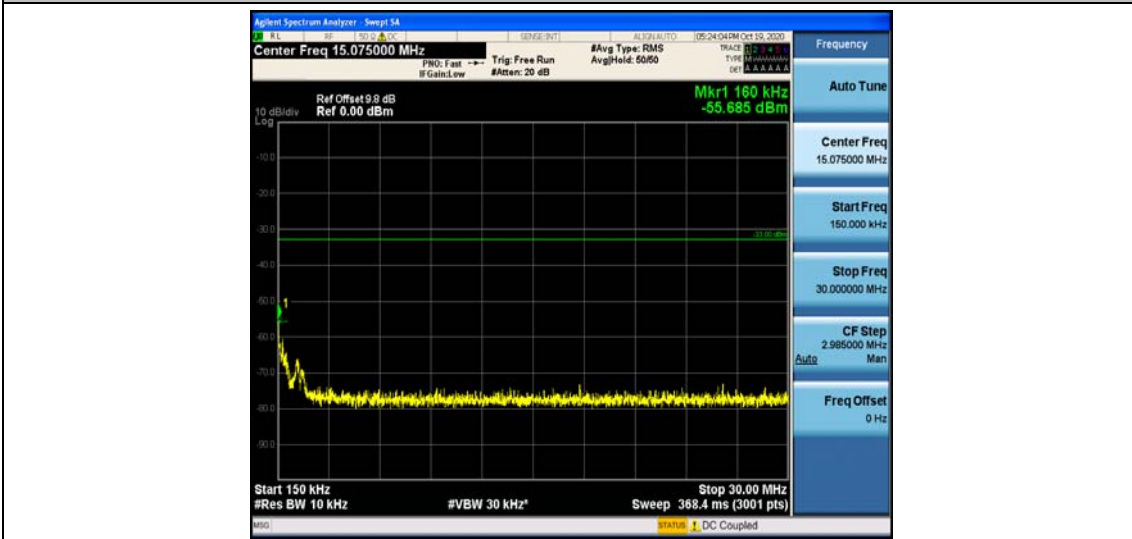
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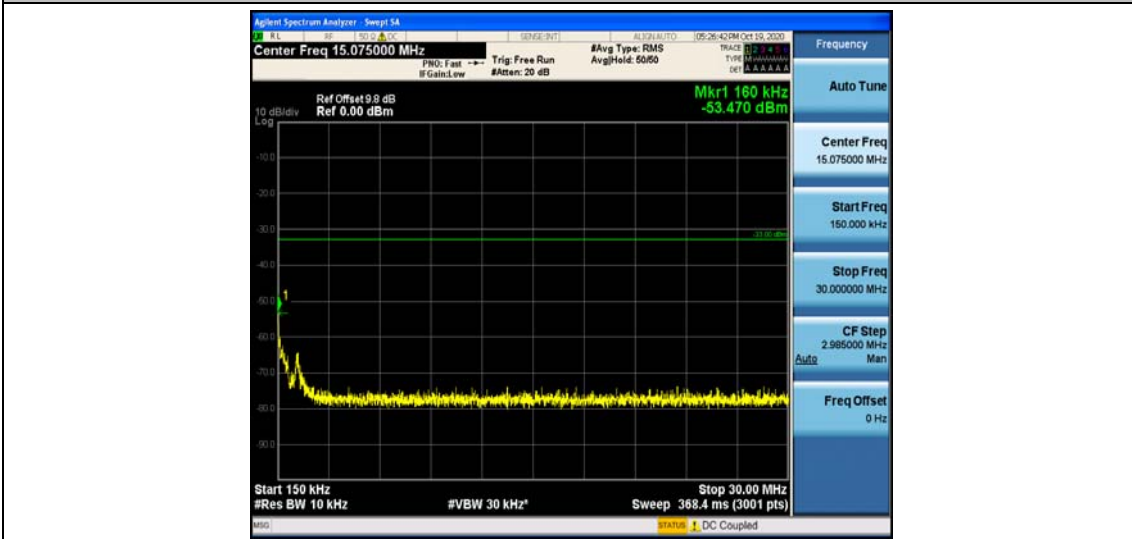
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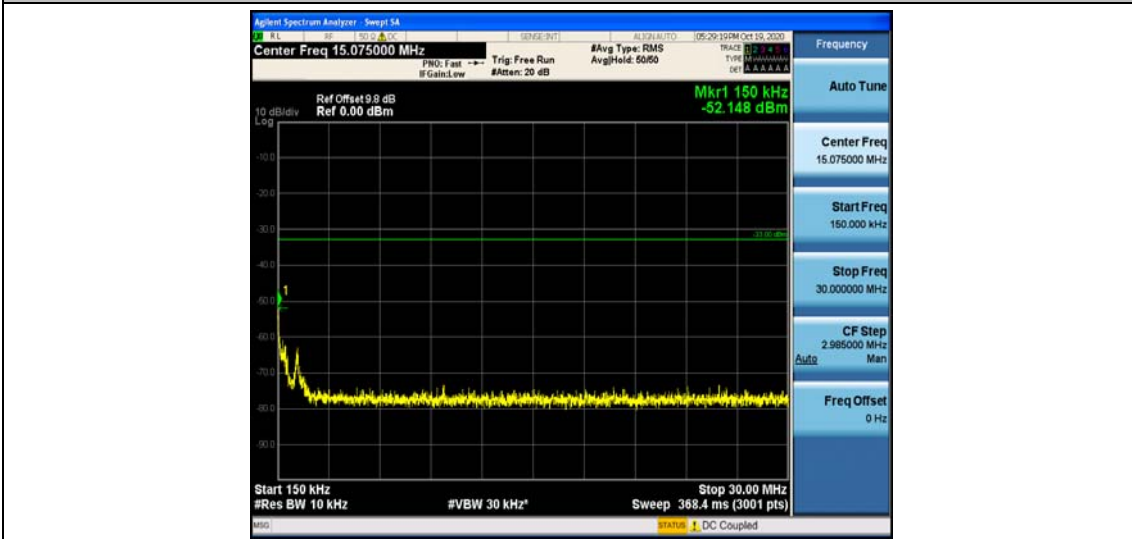
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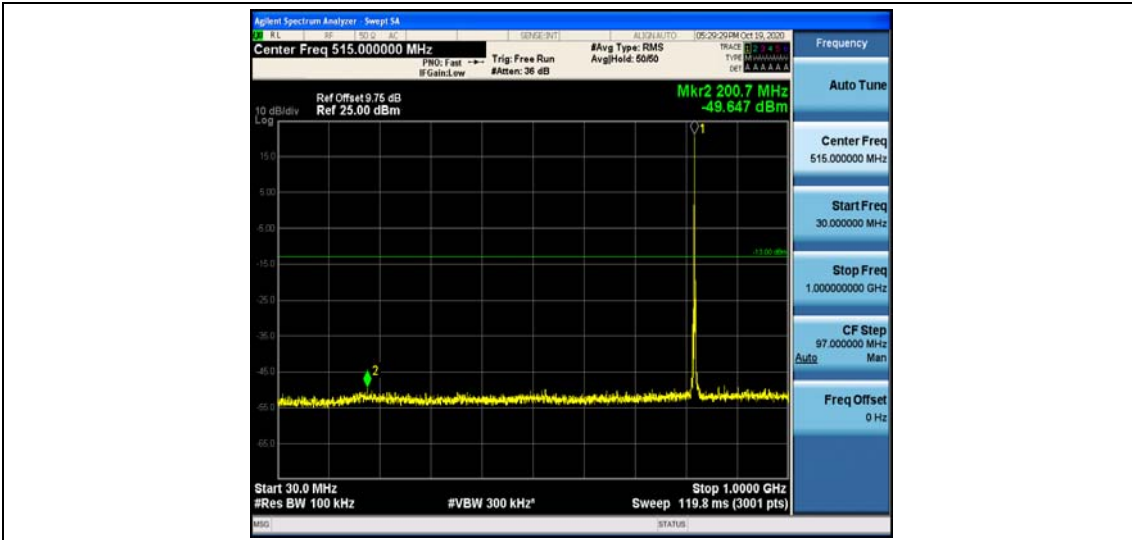
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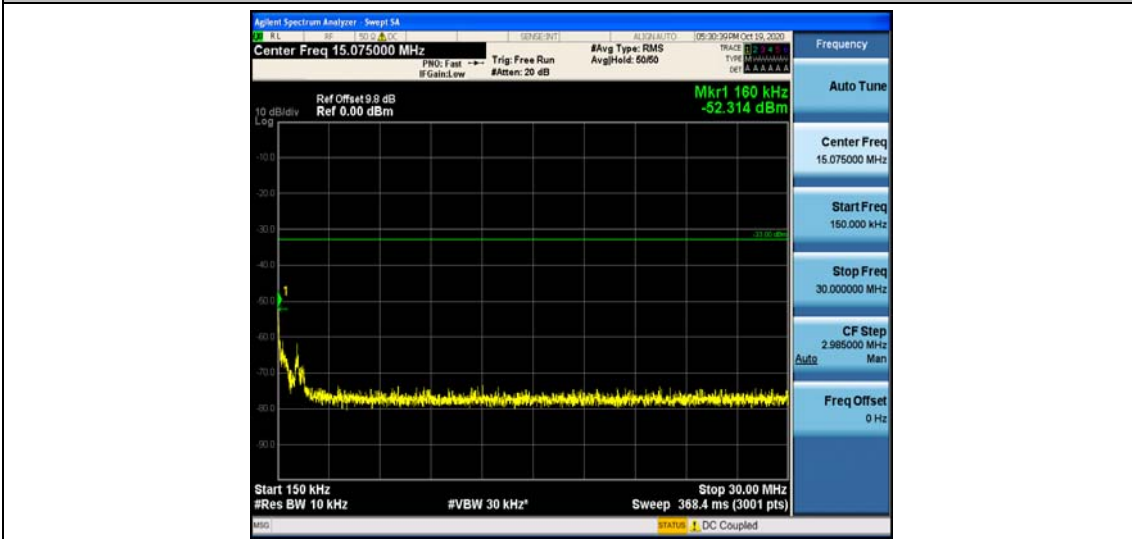
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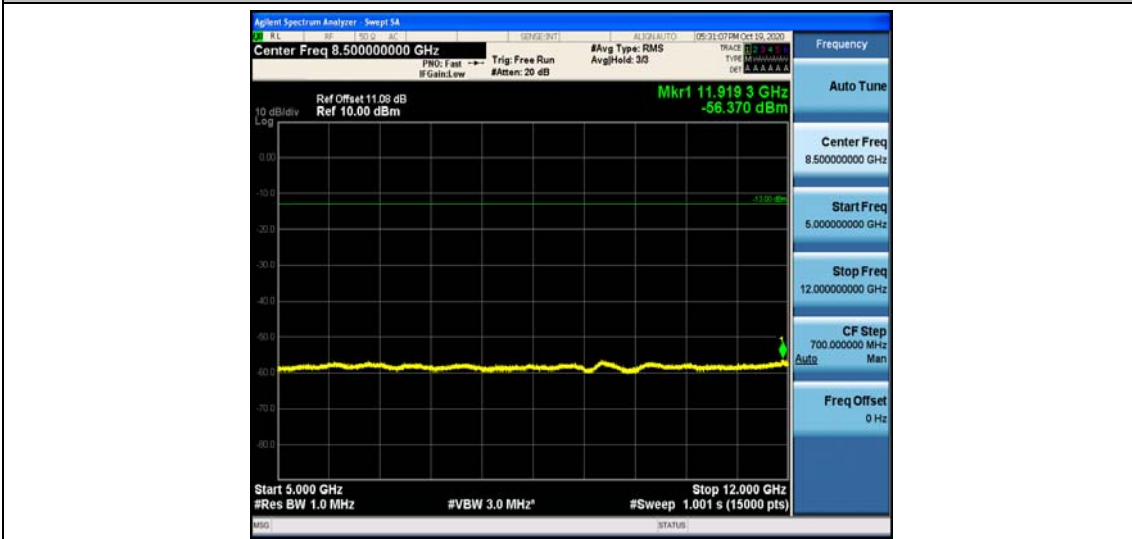
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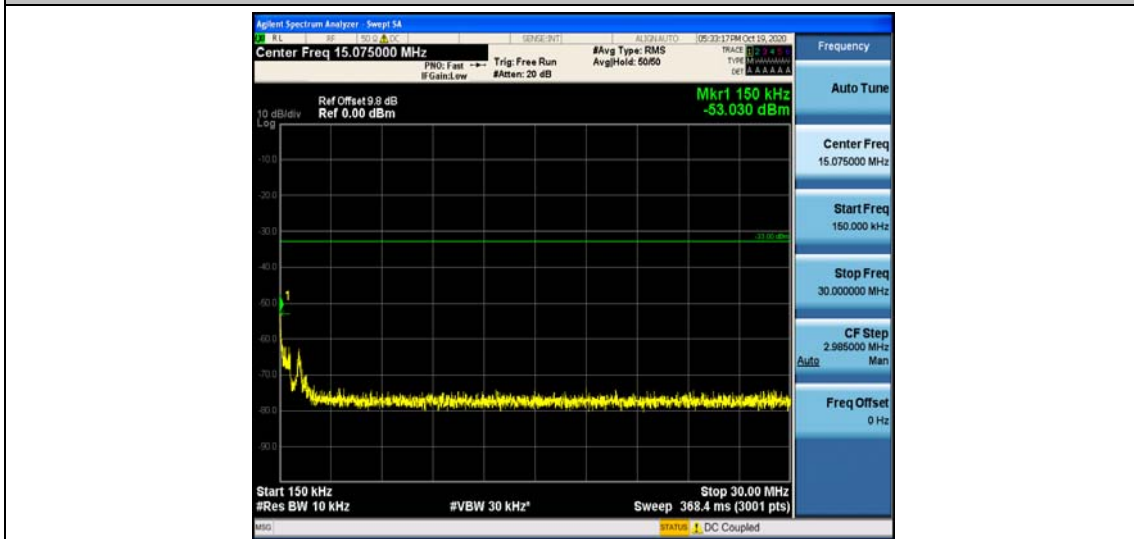
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Band26_5MHz_QPSK_26740_1RB#0



Band26_5MHz_QPSK_26740_1RB#0



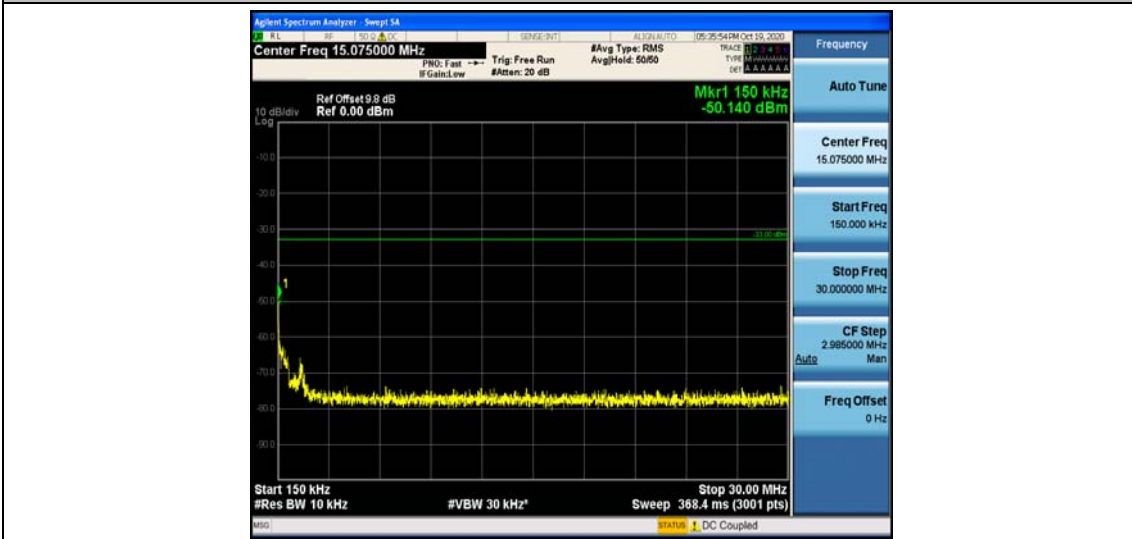
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Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_QPSK_26765_1RB#0



Band26_5MHz_16QAM_26715_1RB#0



Band26_5MHz_16QAM_26715_1RB#0



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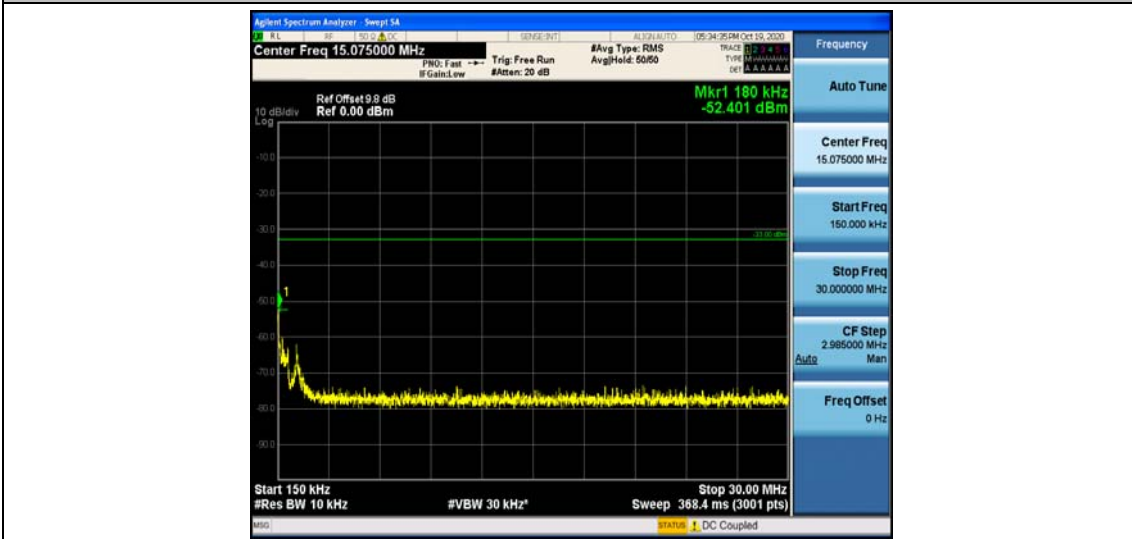
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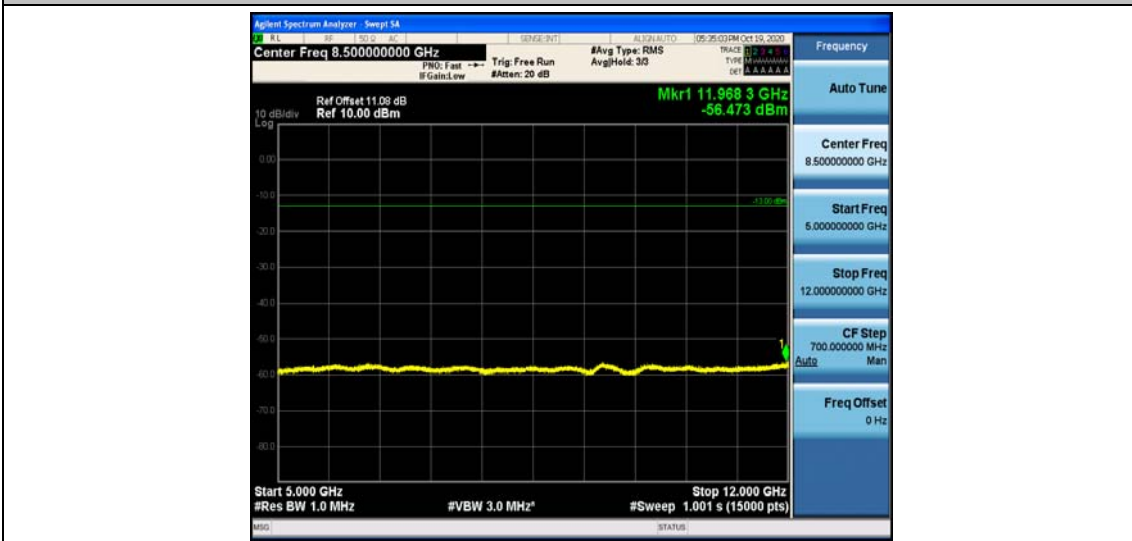
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Band26_5MHz_16QAM_26765_1RB#0



Band26_5MHz_16QAM_26765_1RB#0



Band26_5MHz_16QAM_26765_1RB#0



Band26_5MHz_16QAM_26765_1RB#0



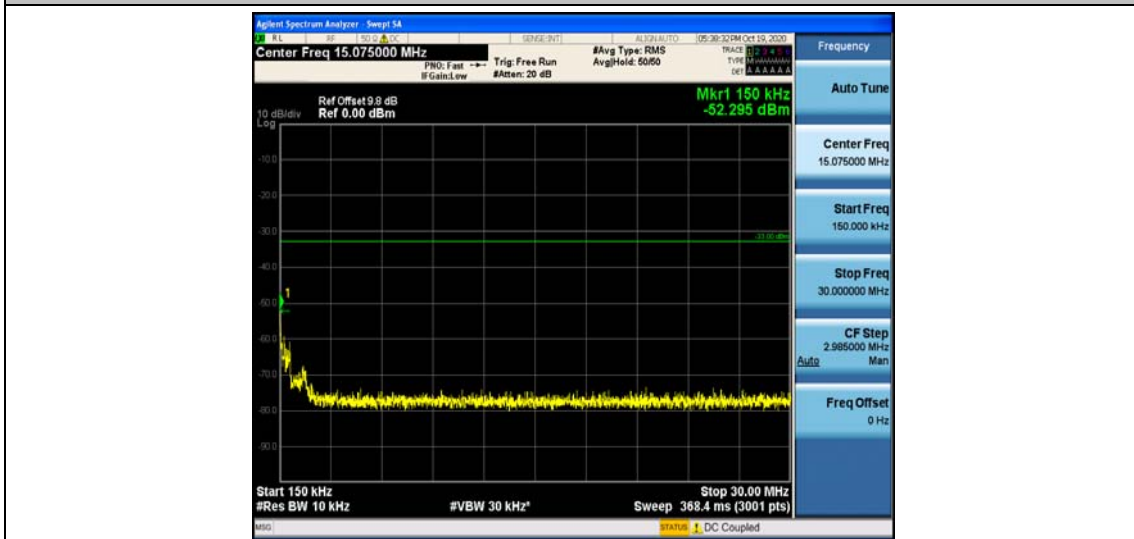
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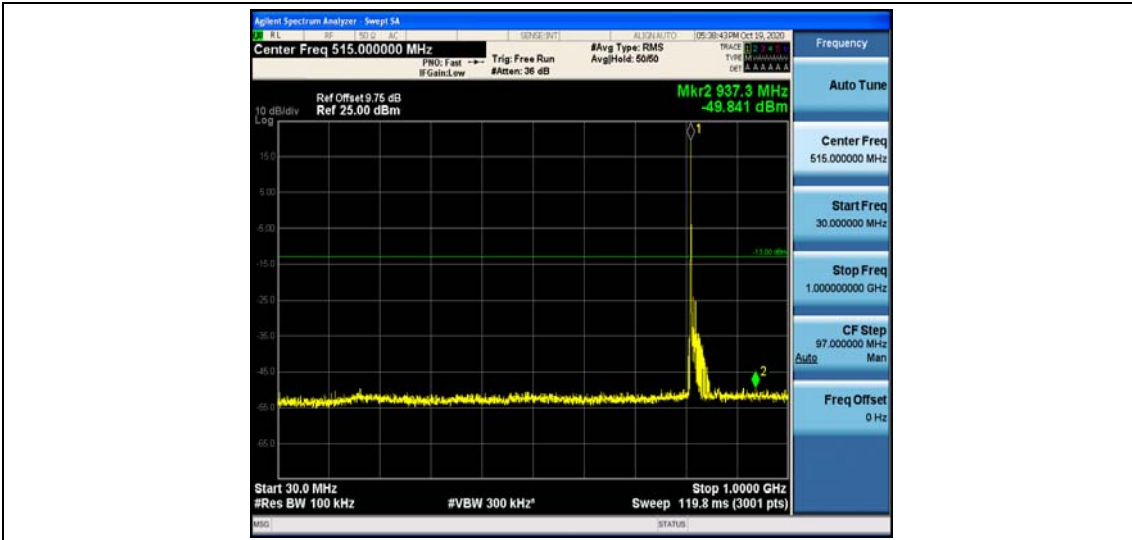
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Band26_10MHz_QPSK_26740_1RB#0



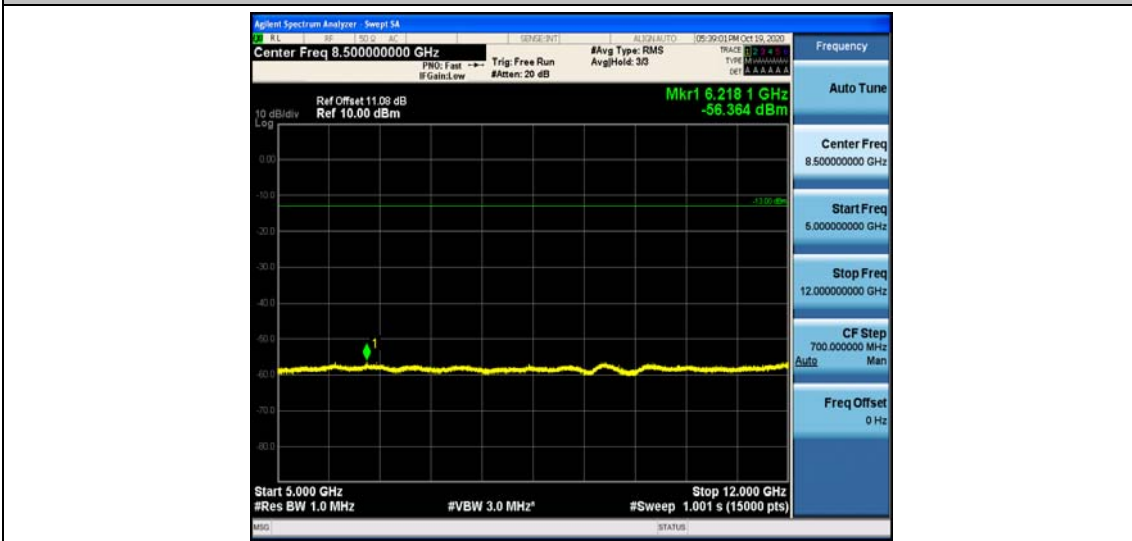
Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



Band26_10MHz_QPSK_26740_1RB#0



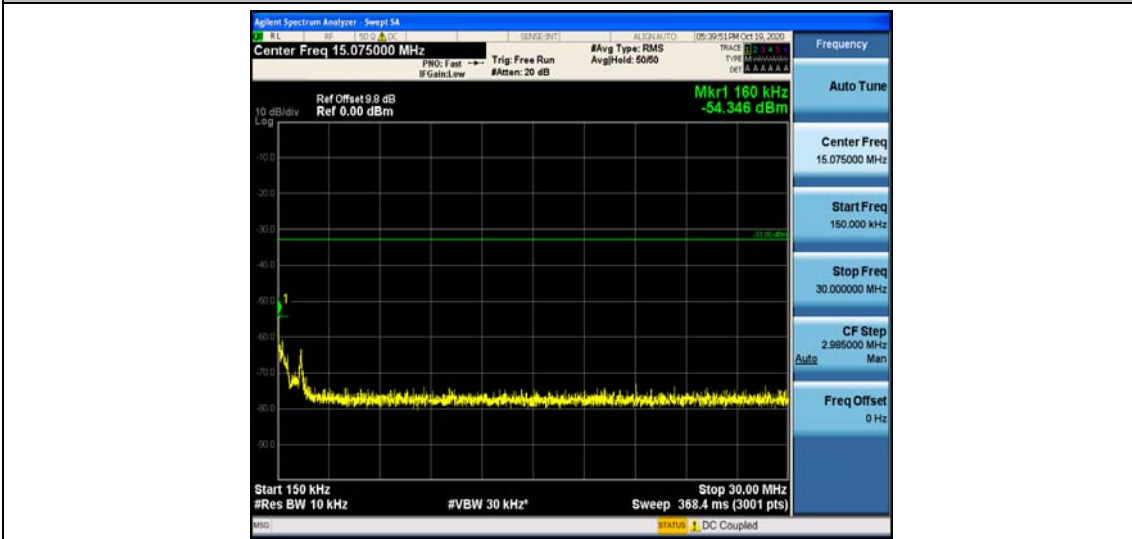
Band26_10MHz_QPSK_26740_1RB#0



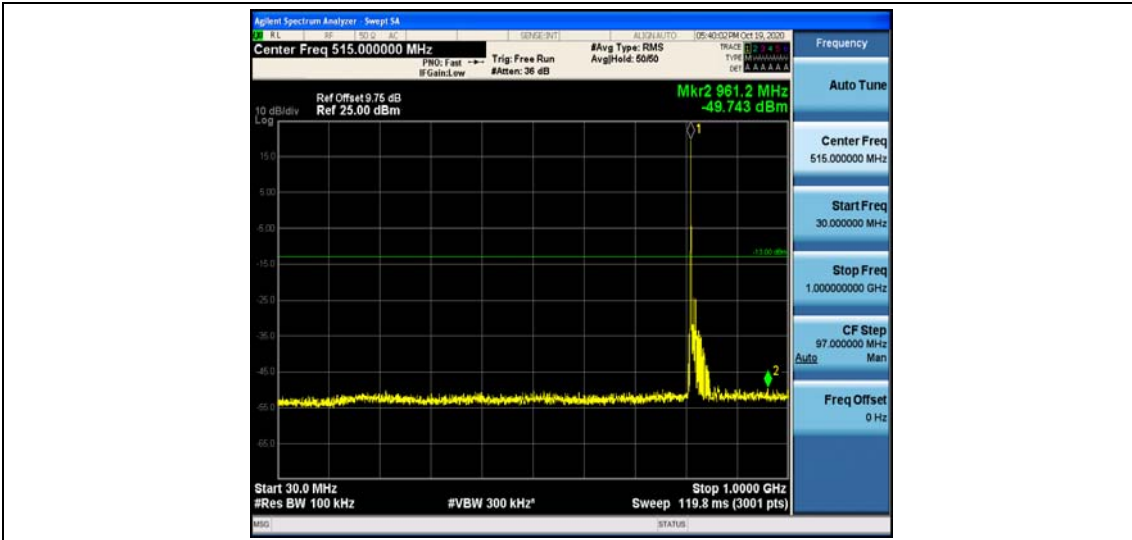
Band26_10MHz_16QAM_26740_1RB#0



Band26_10MHz_16QAM_26740_1RB#0



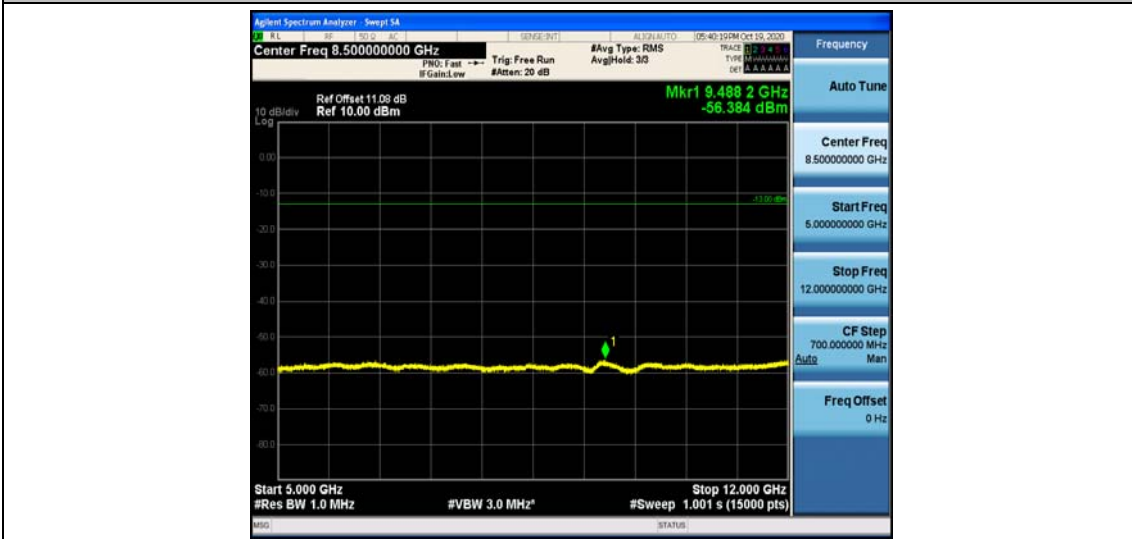
Band26_10MHz_16QAM_26740_1RB#0



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	-0.65	-0.000798	± 2.5	PASS
		VN	TN	0.25	0.000307	± 2.5	PASS
		VH	TN	0.57	0.000700	± 2.5	PASS
	MCH	VL	TN	0.61	0.000745	± 2.5	PASS
		VN	TN	1.26	0.001538	± 2.5	PASS
		VH	TN	0.42	0.000513	± 2.5	PASS
	HCH	VL	TN	-1.52	-0.001846	± 2.5	PASS
		VN	TN	4.45	0.005405	± 2.5	PASS
		VH	TN	4.15	0.005041	± 2.5	PASS
16QAM	LCH	VL	TN	1.88	0.002308	± 2.5	PASS
		VN	TN	-1.37	-0.001682	± 2.5	PASS
		VH	TN	-0.19	-0.000233	± 2.5	PASS
	MCH	VL	TN	-0.69	-0.000842	± 2.5	PASS
		VN	TN	3.99	0.004872	± 2.5	PASS
		VH	TN	-1.99	-0.002430	± 2.5	PASS
	HCH	VL	TN	0.52	0.000632	± 2.5	PASS
		VN	TN	-0.11	-0.000134	± 2.5	PASS
		VH	TN	-0.86	-0.001045	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.93	0.002369	± 2.5	PASS
		VN	-20	-1.86	-0.002283	± 2.5	PASS
		VN	-10	3.71	0.004554	± 2.5	PASS
		VN	0	-0.91	-0.001117	± 2.5	PASS
		VN	10	-0.43	-0.000528	± 2.5	PASS
		VN	20	-0.71	-0.000871	± 2.5	PASS
		VN	30	-0.14	-0.000172	± 2.5	PASS
		VN	40	-0.17	-0.000209	± 2.5	PASS
		VN	50	-1.7	-0.002087	± 2.5	PASS

	MCH	VN	-30	1.87	0.002283	± 2.5	PASS
		VN	-20	2.92	0.003565	± 2.5	PASS
		VN	-10	2.14	0.002613	± 2.5	PASS
		VN	0	4.82	0.005885	± 2.5	PASS
		VN	10	2.35	0.002869	± 2.5	PASS
		VN	20	2.39	0.002918	± 2.5	PASS
		VN	30	-1.96	-0.002393	± 2.5	PASS
		VN	40	2.48	0.003028	± 2.5	PASS
		VN	50	2.91	0.003553	± 2.5	PASS
	HCH	VN	-30	-1.92	-0.002332	± 2.5	PASS
		VN	-20	1	0.001215	± 2.5	PASS
		VN	-10	4.68	0.005684	± 2.5	PASS
		VN	0	-1.91	-0.002320	± 2.5	PASS
		VN	10	-1.56	-0.001895	± 2.5	PASS
		VN	20	-0.6	-0.000729	± 2.5	PASS
		VN	30	3.54	0.004300	± 2.5	PASS
		VN	40	3.4	0.004130	± 2.5	PASS
		VN	50	-1.38	-0.001676	± 2.5	PASS
16QAM	LCH	VN	-30	-1.77	-0.002173	± 2.5	PASS
		VN	-20	1.63	0.002001	± 2.5	PASS
		VN	-10	-0.35	-0.000430	± 2.5	PASS
		VN	0	-1.96	-0.002406	± 2.5	PASS
		VN	10	3.38	0.004149	± 2.5	PASS
		VN	20	-0.35	-0.000430	± 2.5	PASS
		VN	30	3.44	0.004222	± 2.5	PASS
		VN	40	4.14	0.005082	± 2.5	PASS
		VN	50	-0.92	-0.001129	± 2.5	PASS
	MCH	VN	-30	3.25	0.003968	± 2.5	PASS
		VN	-20	-1.58	-0.001929	± 2.5	PASS
		VN	-10	4.75	0.005800	± 2.5	PASS
		VN	0	3.94	0.004811	± 2.5	PASS
		VN	10	1.86	0.002271	± 2.5	PASS
		VN	20	-0.73	-0.000891	± 2.5	PASS
		VN	30	1.65	0.002015	± 2.5	PASS
		VN	40	2.73	0.003333	± 2.5	PASS
		VN	50	3.88	0.004737	± 2.5	PASS
	HCH	VN	-30	4.7	0.005709	± 2.5	PASS
		VN	-20	2.93	0.003559	± 2.5	PASS
		VN	-10	0.16	0.000194	± 2.5	PASS
		VN	0	1.96	0.002381	± 2.5	PASS
		VN	10	3.56	0.004324	± 2.5	PASS

		VN	20	2.29	0.002781	± 2.5	PASS
		VN	30	-0.89	-0.001081	± 2.5	PASS
		VN	40	3.36	0.004081	± 2.5	PASS
		VN	50	1.81	0.002198	± 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	0.59	0.000723	± 2.5	PASS
		VN	TN	3.71	0.004549	± 2.5	PASS
		VH	TN	1.25	0.001533	± 2.5	PASS
	MCH	VL	TN	-1.19	-0.001453	± 2.5	PASS
		VN	TN	-0.94	-0.001148	± 2.5	PASS
		VH	TN	-1.7	-0.002076	± 2.5	PASS
	HCH	VL	TN	4.51	0.005483	± 2.5	PASS
		VN	TN	1.92	0.002334	± 2.5	PASS
		VH	TN	-1.73	-0.002103	± 2.5	PASS
16QAM	LCH	VL	TN	4.43	0.005432	± 2.5	PASS
		VN	TN	2.16	0.002649	± 2.5	PASS
		VH	TN	1.37	0.001680	± 2.5	PASS
	MCH	VL	TN	-1.96	-0.002393	± 2.5	PASS
		VN	TN	1.38	0.001685	± 2.5	PASS
		VH	TN	4.26	0.005201	± 2.5	PASS
	HCH	VL	TN	2.99	0.003635	± 2.5	PASS
		VN	TN	-1.38	-0.001678	± 2.5	PASS
		VH	TN	3.56	0.004328	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.45	0.003004	± 2.5	PASS
		VN	-20	3.56	0.004365	± 2.5	PASS
		VN	-10	1.14	0.001398	± 2.5	PASS
		VN	0	1.23	0.001508	± 2.5	PASS
		VN	10	4.7	0.005763	± 2.5	PASS
		VN	20	2.96	0.003630	± 2.5	PASS
		VN	30	3.92	0.004807	± 2.5	PASS
		VN	40	3.52	0.004316	± 2.5	PASS
		VN	50	3.85	0.004721	± 2.5	PASS
	MCH	VN	-30	-0.48	-0.000586	± 2.5	PASS

	VN	VN	-20	0.3	0.000366	± 2.5	PASS
		VN	-10	2.83	0.003455	± 2.5	PASS
		VN	0	3.25	0.003968	± 2.5	PASS
		VN	10	4.16	0.005079	± 2.5	PASS
		VN	20	4.78	0.005836	± 2.5	PASS
		VN	30	3.38	0.004127	± 2.5	PASS
		VN	40	3.04	0.003712	± 2.5	PASS
		VN	50	0.54	0.000659	± 2.5	PASS
	HCH	VN	-30	2.06	0.002505	± 2.5	PASS
		VN	-20	-1.76	-0.002140	± 2.5	PASS
		VN	-10	-1	-0.001216	± 2.5	PASS
		VN	0	0.76	0.000924	± 2.5	PASS
		VN	10	4.88	0.005933	± 2.5	PASS
		VN	20	1.86	0.002261	± 2.5	PASS
		VN	30	0.08	0.000097	± 2.5	PASS
		VN	40	-1.5	-0.001824	± 2.5	PASS
		VN	50	2.6	0.003161	± 2.5	PASS
		16QAM	LCH	VN	-30	4.82	0.005910
VN	-20			4.78	0.005861	± 2.5	PASS
VN	-10			4.62	0.005665	± 2.5	PASS
VN	0			-0.24	-0.000294	± 2.5	PASS
VN	10			2.62	0.003213	± 2.5	PASS
VN	20			-0.67	-0.000822	± 2.5	PASS
VN	30			4.63	0.005677	± 2.5	PASS
VN	40			1.19	0.001459	± 2.5	PASS
VN	50			-1.53	-0.001876	± 2.5	PASS
MCH	VN		-30	1.14	0.001392	± 2.5	PASS
	VN		-20	3.04	0.003712	± 2.5	PASS
	VN		-10	0.5	0.000611	± 2.5	PASS
	VN		0	3.9	0.004762	± 2.5	PASS
	VN		10	4.99	0.006093	± 2.5	PASS
	VN		20	-1.3	-0.001587	± 2.5	PASS
	VN		30	4	0.004884	± 2.5	PASS
	VN		40	0.89	0.001087	± 2.5	PASS
	VN		50	3.13	0.003822	± 2.5	PASS
HCH	VN		-30	3.44	0.004182	± 2.5	PASS
	VN		-20	2.82	0.003429	± 2.5	PASS
	VN		-10	4.03	0.004900	± 2.5	PASS
	VN		0	3.17	0.003854	± 2.5	PASS
	VN		10	3.82	0.004644	± 2.5	PASS
	VN		20	-1.99	-0.002419	± 2.5	PASS

		VN	30	3.79	0.004608	± 2.5	PASS
		VN	40	2.71	0.003295	± 2.5	PASS
		VN	50	3.75	0.004559	± 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	1.91	0.002339	± 2.5	PASS
		VN	TN	-0.75	-0.000919	± 2.5	PASS
		VH	TN	4.15	0.005083	± 2.5	PASS
	MCH	VL	TN	2.91	0.003553	± 2.5	PASS
		VN	TN	2.02	0.002466	± 2.5	PASS
		VH	TN	2.93	0.003578	± 2.5	PASS
	HCH	VL	TN	-1.41	-0.001716	± 2.5	PASS
		VN	TN	2.64	0.003214	± 2.5	PASS
		VH	TN	1.19	0.001449	± 2.5	PASS
16QAM	LCH	VL	TN	3.23	0.003956	± 2.5	PASS
		VN	TN	4	0.004899	± 2.5	PASS
		VH	TN	0.91	0.001115	± 2.5	PASS
	MCH	VL	TN	3.91	0.004774	± 2.5	PASS
		VN	TN	-0.52	-0.000635	± 2.5	PASS
		VH	TN	-1.88	-0.002295	± 2.5	PASS
	HCH	VL	TN	0.12	0.000146	± 2.5	PASS
		VN	TN	-1.18	-0.001436	± 2.5	PASS
		VH	TN	-1.56	-0.001899	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.2	0.003919	± 2.5	PASS
		VN	-20	-0.65	-0.000796	± 2.5	PASS
		VN	-10	-0.73	-0.000894	± 2.5	PASS
		VN	0	3.59	0.004397	± 2.5	PASS
		VN	10	2.81	0.003442	± 2.5	PASS
		VN	20	2.35	0.002878	± 2.5	PASS
		VN	30	-1.75	-0.002143	± 2.5	PASS
		VN	40	3.96	0.004850	± 2.5	PASS
		VN	50	0.64	0.000784	± 2.5	PASS
	MCH	VN	-30	-0.58	-0.000708	± 2.5	PASS
		VN	-20	-1.84	-0.002247	± 2.5	PASS

		VN	-10	4.71	0.005751	± 2.5	PASS		
		VN	0	0.68	0.000830	± 2.5	PASS		
		VN	10	-1.33	-0.001624	± 2.5	PASS		
		VN	20	4.03	0.004921	± 2.5	PASS		
		VN	30	3.72	0.004542	± 2.5	PASS		
		VN	40	2.91	0.003553	± 2.5	PASS		
		VN	50	1.63	0.001990	± 2.5	PASS		
	HCH	VN	-30	1.34	0.001631	± 2.5	PASS		
		VN	-20	0.83	0.001010	± 2.5	PASS		
		VN	-10	-0.63	-0.000767	± 2.5	PASS		
		VN	0	2.06	0.002508	± 2.5	PASS		
		VN	10	-1.98	-0.002410	± 2.5	PASS		
		VN	20	-1.75	-0.002130	± 2.5	PASS		
		VN	30	4.5	0.005478	± 2.5	PASS		
		VN	40	4.46	0.005429	± 2.5	PASS		
		VN	50	-1.63	-0.001984	± 2.5	PASS		
		16QAM	LCH	VN	-30	0.81	0.000992	± 2.5	PASS
				VN	-20	3.23	0.003956	± 2.5	PASS
VN	-10			1.55	0.001898	± 2.5	PASS		
VN	0			2.79	0.003417	± 2.5	PASS		
VN	10			4.57	0.005597	± 2.5	PASS		
VN	20			2.92	0.003576	± 2.5	PASS		
VN	30			3.66	0.004483	± 2.5	PASS		
VN	40			-0.85	-0.001041	± 2.5	PASS		
VN	50			4.75	0.005818	± 2.5	PASS		
MCH	VN		-30	1.61	0.001966	± 2.5	PASS		
	VN		-20	-0.59	-0.000720	± 2.5	PASS		
	VN		-10	-0.01	-0.000012	± 2.5	PASS		
	VN		0	2.13	0.002601	± 2.5	PASS		
	VN		10	4.25	0.005189	± 2.5	PASS		
	VN		20	0.21	0.000256	± 2.5	PASS		
	VN		30	3.28	0.004005	± 2.5	PASS		
	VN		40	2.47	0.003016	± 2.5	PASS		
	VN		50	-1.52	-0.001856	± 2.5	PASS		
HCH	VN		-30	1.39	0.001692	± 2.5	PASS		
	VN		-20	-1.6	-0.001948	± 2.5	PASS		
	VN		-10	1.51	0.001838	± 2.5	PASS		
	VN		0	-0.2	-0.000243	± 2.5	PASS		
	VN		10	0.79	0.000962	± 2.5	PASS		
	VN		20	3.05	0.003713	± 2.5	PASS		
	VN		30	1.02	0.001242	± 2.5	PASS		

		VN	40	2.83	0.003445	± 2.5	PASS
		VN	50	4.67	0.005685	± 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	2.98	0.003639	± 2.5	PASS
		VN	TN	0.11	0.000134	± 2.5	PASS
		VH	TN	-0.8	-0.000977	± 2.5	PASS
16QAM	MCH	VL	TN	4.41	0.005385	± 2.5	PASS
		VN	TN	4.76	0.005812	± 2.5	PASS
		VH	TN	4.63	0.005653	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	0.11	0.000134	± 2.5	PASS
		VN	-20	3.02	0.003687	± 2.5	PASS
		VN	-10	1.36	0.001661	± 2.5	PASS
		VN	0	0.97	0.001184	± 2.5	PASS
		VN	10	0.93	0.001136	± 2.5	PASS
		VN	20	0.41	0.000501	± 2.5	PASS
		VN	30	2.03	0.002479	± 2.5	PASS
		VN	40	3.4	0.004151	± 2.5	PASS
		VN	50	-1.11	-0.001355	± 2.5	PASS
16QAM	MCH	VN	-30	3.86	0.004713	± 2.5	PASS
		VN	-20	3.8	0.004640	± 2.5	PASS
		VN	-10	2.94	0.003590	± 2.5	PASS
		VN	0	1.02	0.001245	± 2.5	PASS
		VN	10	4.46	0.005446	± 2.5	PASS
		VN	20	2.68	0.003272	± 2.5	PASS
		VN	30	3.79	0.004628	± 2.5	PASS
		VN	40	3.05	0.003724	± 2.5	PASS
		VN	50	3.73	0.004554	± 2.5	PASS