

Appendix G: Test Data for E-UTRA Band 14

Product Name: Stackable multifunction charging station

Trade Mark: /

Test Model: SD-C9

Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan

G.1: Conducted Output Power

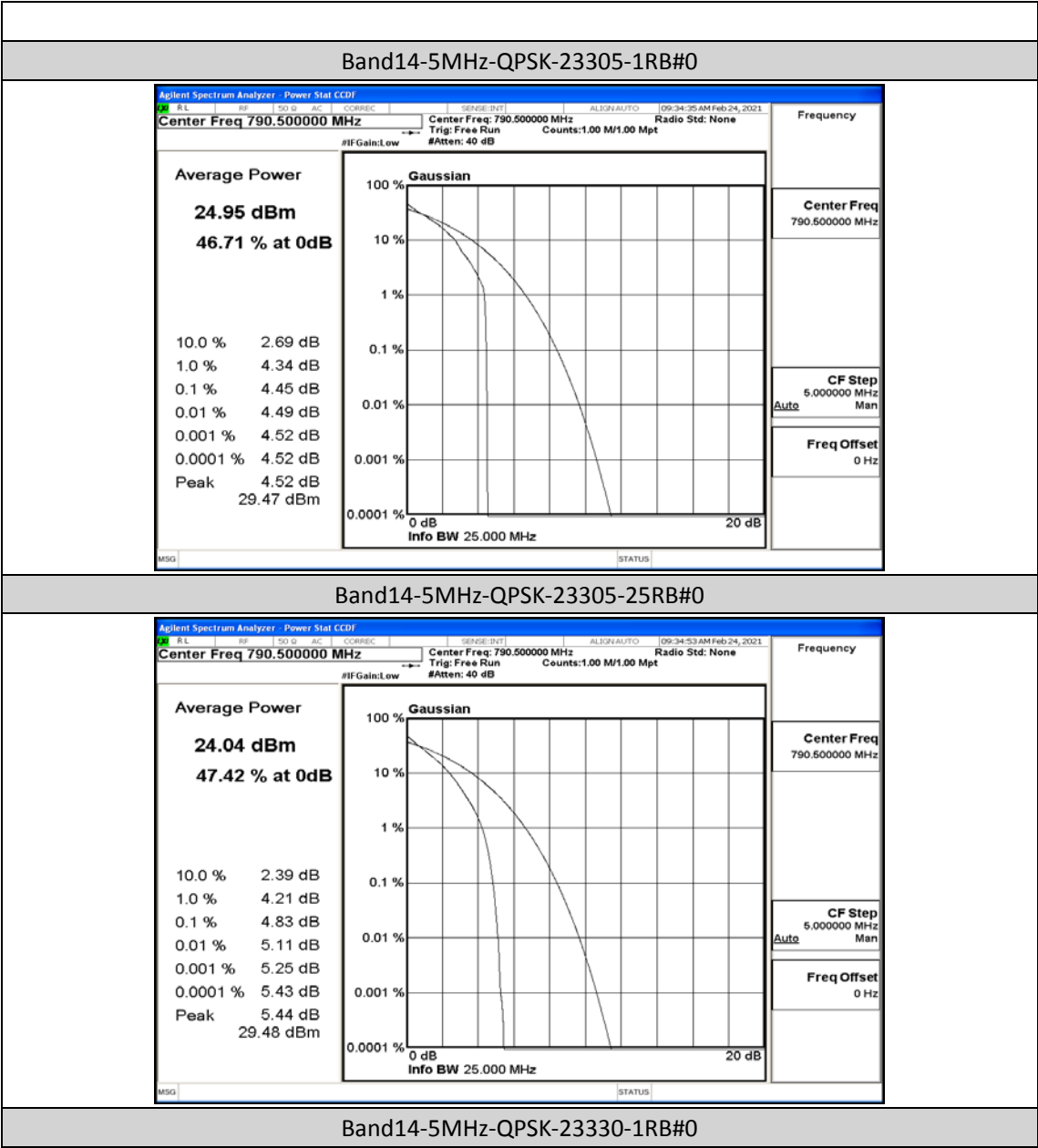
Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.37	22.62	PASS
		1	12	23.52	22.84	PASS
		1	24	23.15	22.61	PASS
		12	0	22.64	21.96	PASS
		12	6	22.65	21.81	PASS
		12	13	22.53	21.67	PASS
		25	0	22.60	21.79	PASS
	MCH	1	0	23.39	22.89	PASS
		1	12	23.53	22.97	PASS
		1	24	23.29	22.75	PASS
		12	0	22.68	22.45	PASS
		12	6	23.48	22.73	PASS
		12	13	23.93	22.42	PASS
		25	0	23.38	22.87	PASS
	HCH	1	0	23.42	22.63	PASS
		1	12	23.74	22.22	PASS
		1	24	23.36	22.19	PASS
		12	0	23.33	22.18	PASS
		12	6	23.44	22.29	PASS
		12	13	23.03	22.98	PASS
		25	0	23.22	22.14	PASS

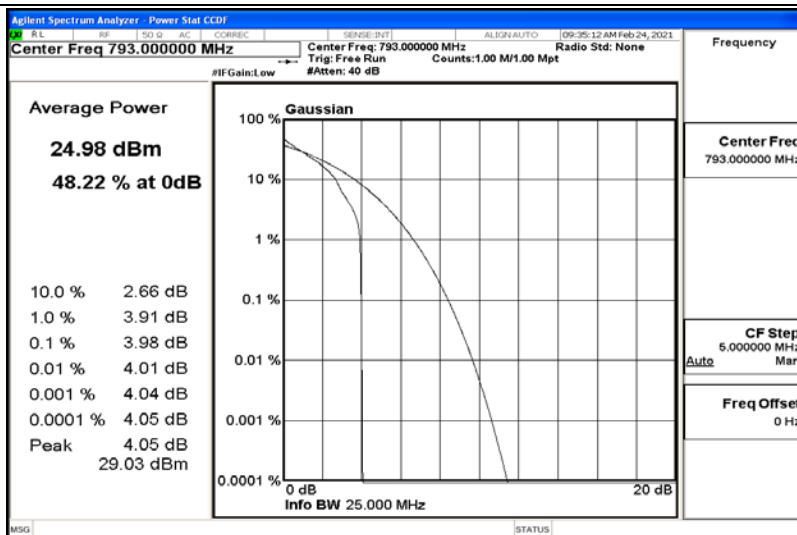
Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	MCH	1	0	23.19	22.32	PASS
		1	24	23.05	22.34	PASS
		1	49	23.57	22.38	PASS
		25	0	23.88	22.67	PASS
		25	12	23.47	22.99	PASS
		25	25	23.68	22.00	PASS
		50	0	23.41	22.50	PASS

G.2 Peak-to-Average Ratio

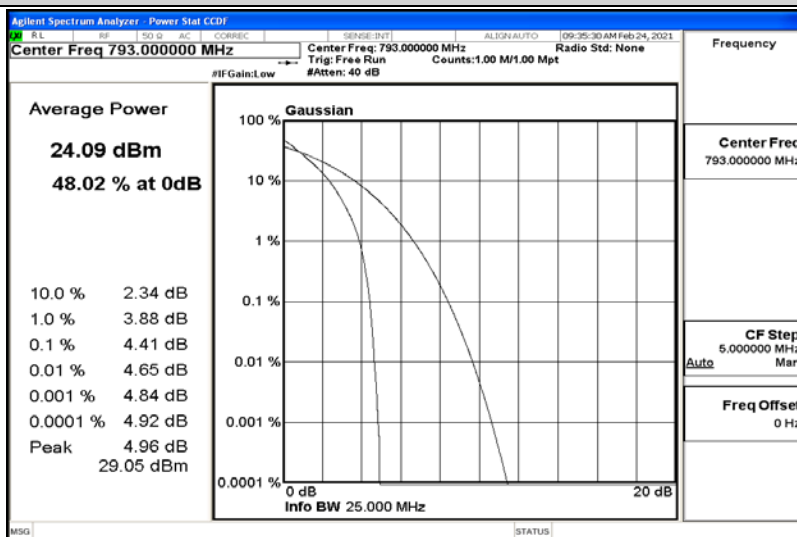
Band	Bandwidth	Modulation	Channel	Result(dB)	Limit(dB)	Verdict
Band14	5MHz	QPSK	23305	4.45	13	PASS
Band14	5MHz	QPSK	23305	4.83	13	PASS
Band14	5MHz	QPSK	23330	3.98	13	PASS
Band14	5MHz	QPSK	23330	4.41	13	PASS
Band14	5MHz	QPSK	23355	3.34	13	PASS
Band14	5MHz	QPSK	23355	4.51	13	PASS
Band14	5MHz	16QAM	23305	5.16	13	PASS
Band14	5MHz	16QAM	23305	5.72	13	PASS
Band14	5MHz	16QAM	23330	5.14	13	PASS
Band14	5MHz	16QAM	23330	5.29	13	PASS
Band14	5MHz	16QAM	23355	4.27	13	PASS
Band14	5MHz	16QAM	23355	5.28	13	PASS
Band14	10MHz	QPSK	23330	4.32	13	PASS
Band14	10MHz	QPSK	23330	4.67	13	PASS
Band14	10MHz	16QAM	23330	5.00	13	PASS
Band14	10MHz	16QAM	23330	5.55	13	PASS

Test Graphs

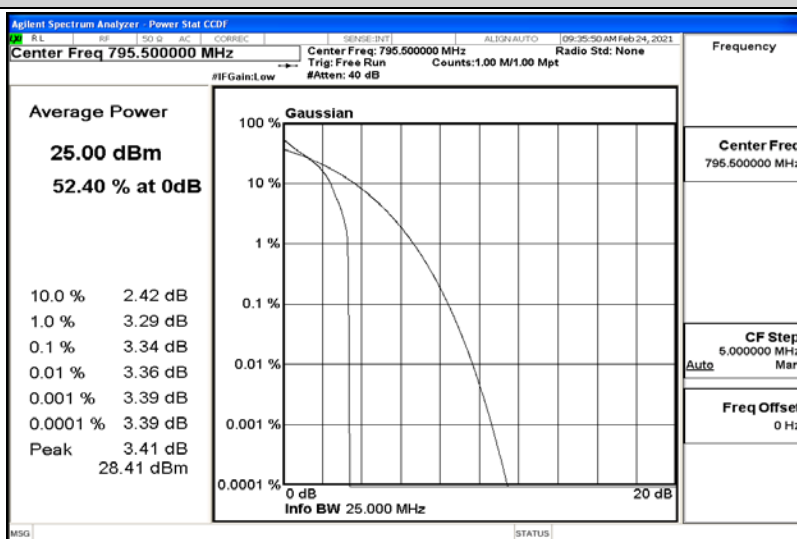




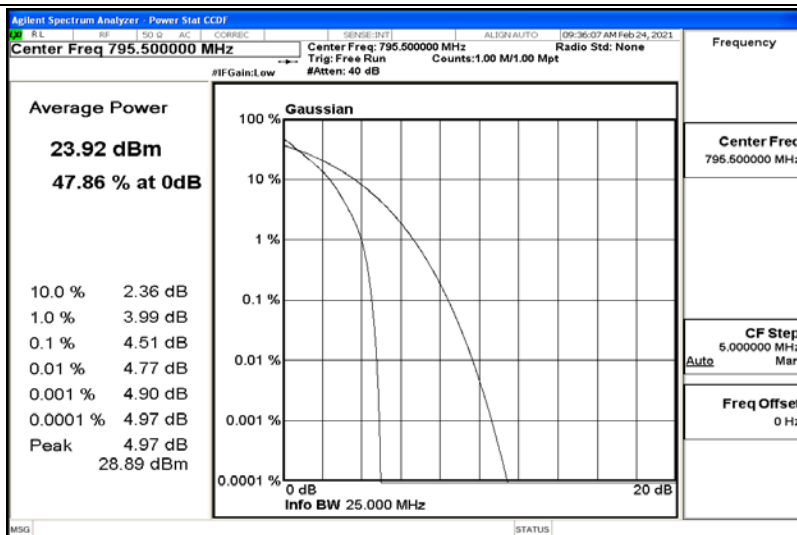
Band14-5MHz-QPSK-23330-25RB#0



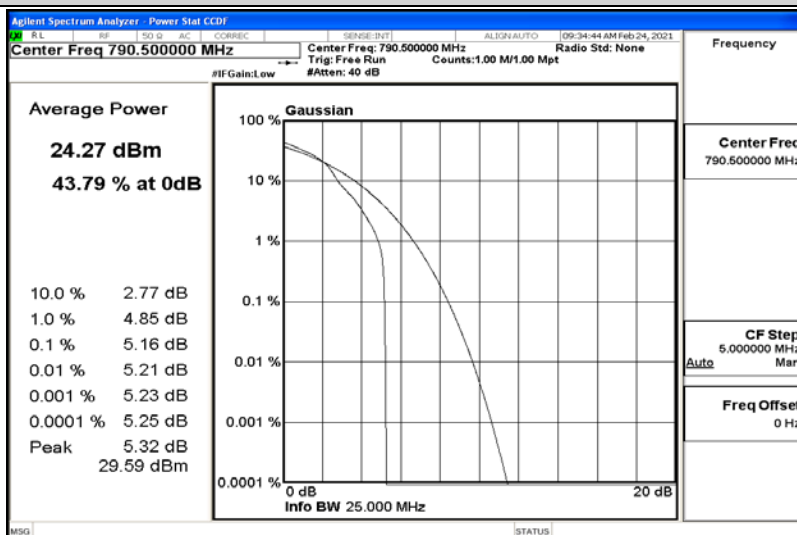
Band14-5MHz-QPSK-23355-1RB#0



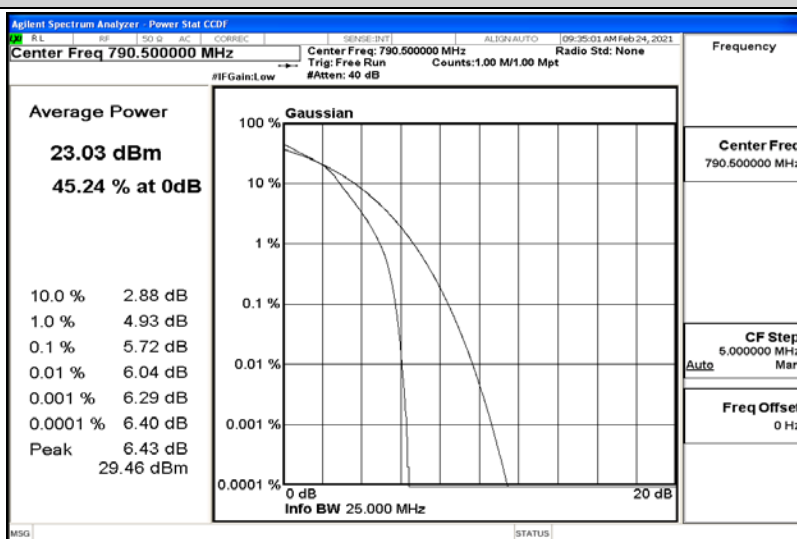
Band14-5MHz-QPSK-23355-25RB#0



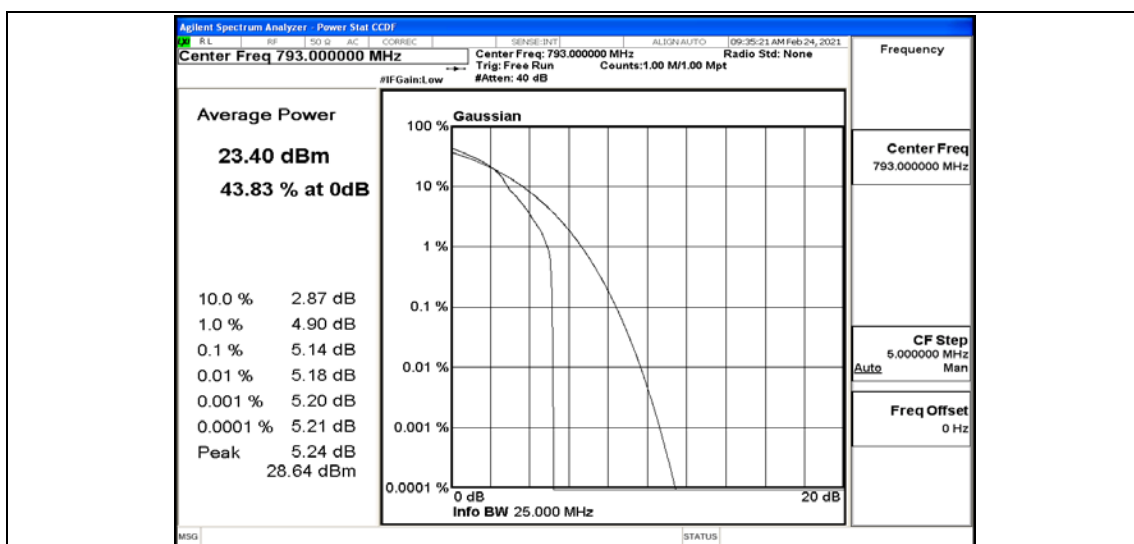
Band14-5MHz-16QAM-23305-1RB#0



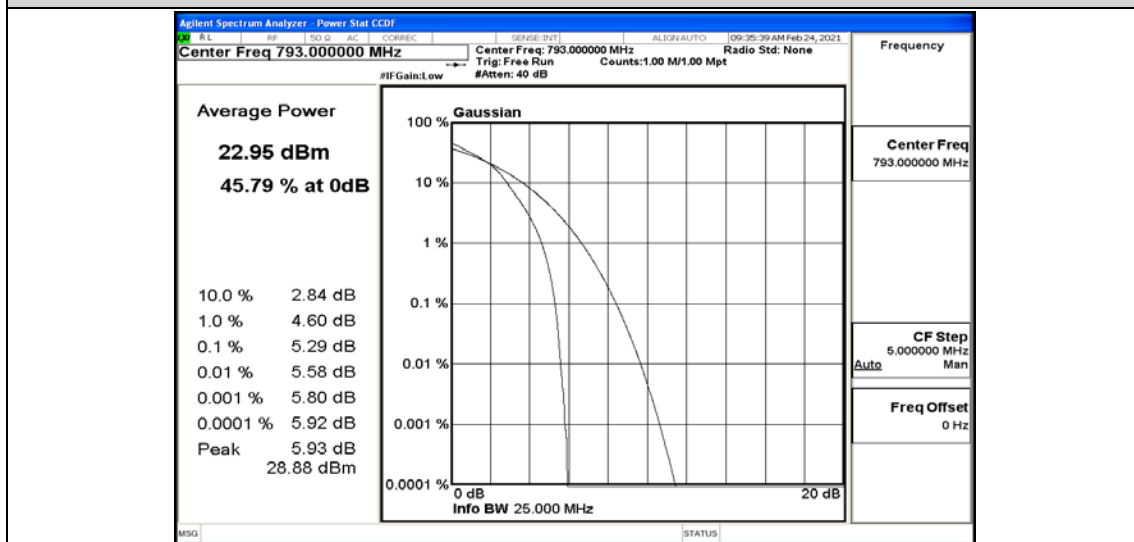
Band14-5MHz-16QAM-23305-25RB#0



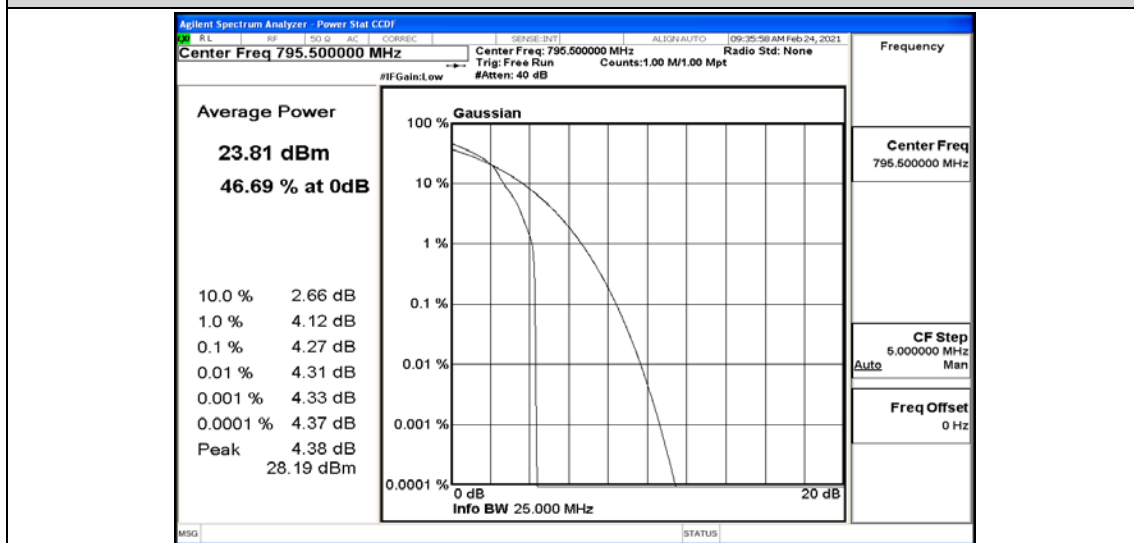
Band14-5MHz-16QAM-23330-1RB#0



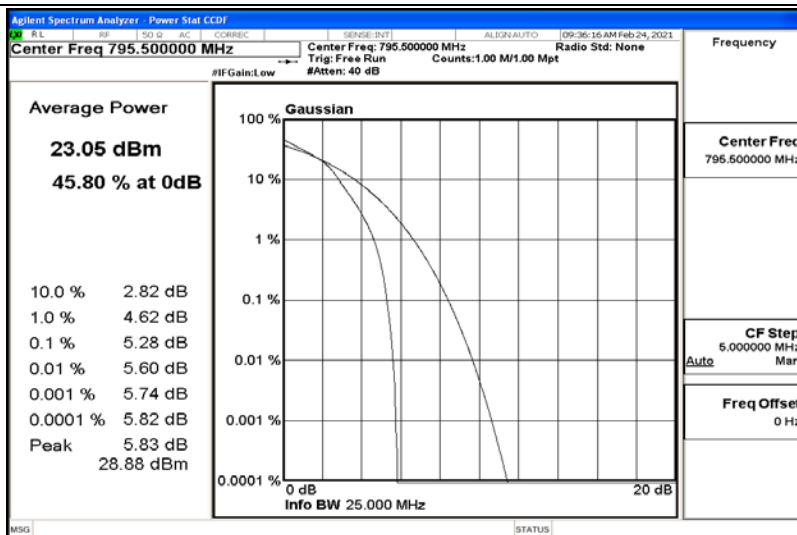
Band14-5MHz-16QAM-23330-25RB#0



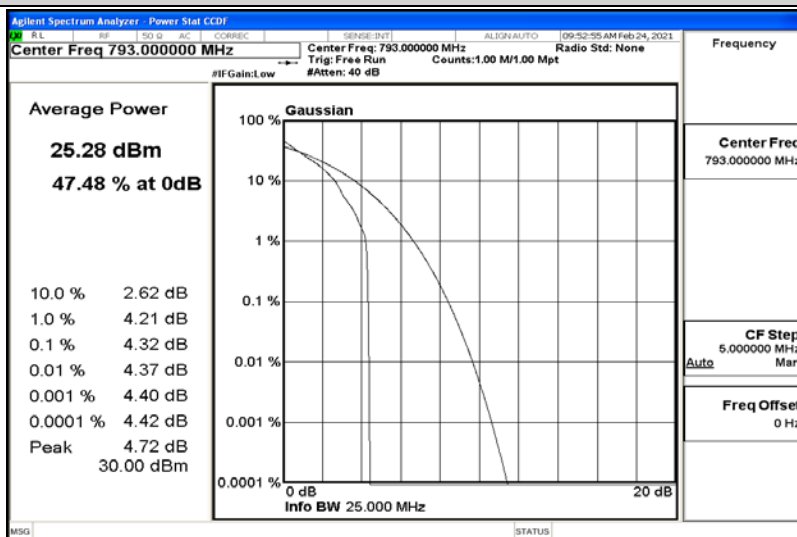
Band14-5MHz-16QAM-23355-1RB#0



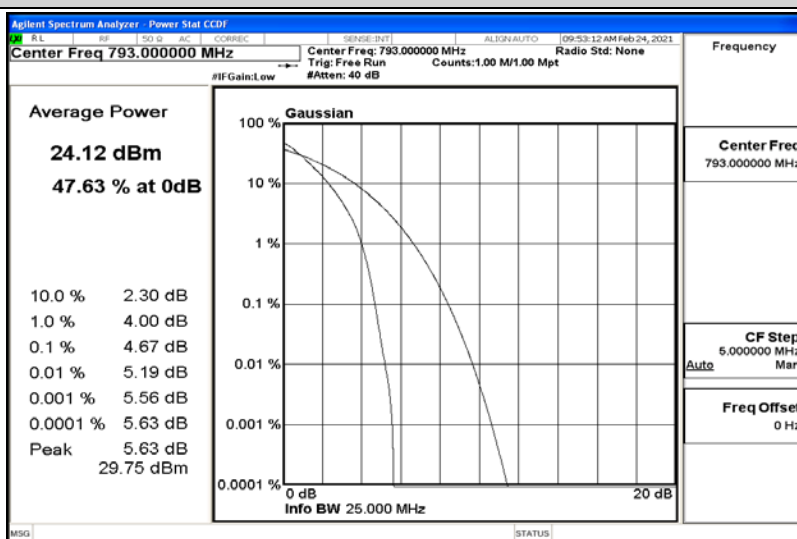
Band14-5MHz-16QAM-23355-25RB#0



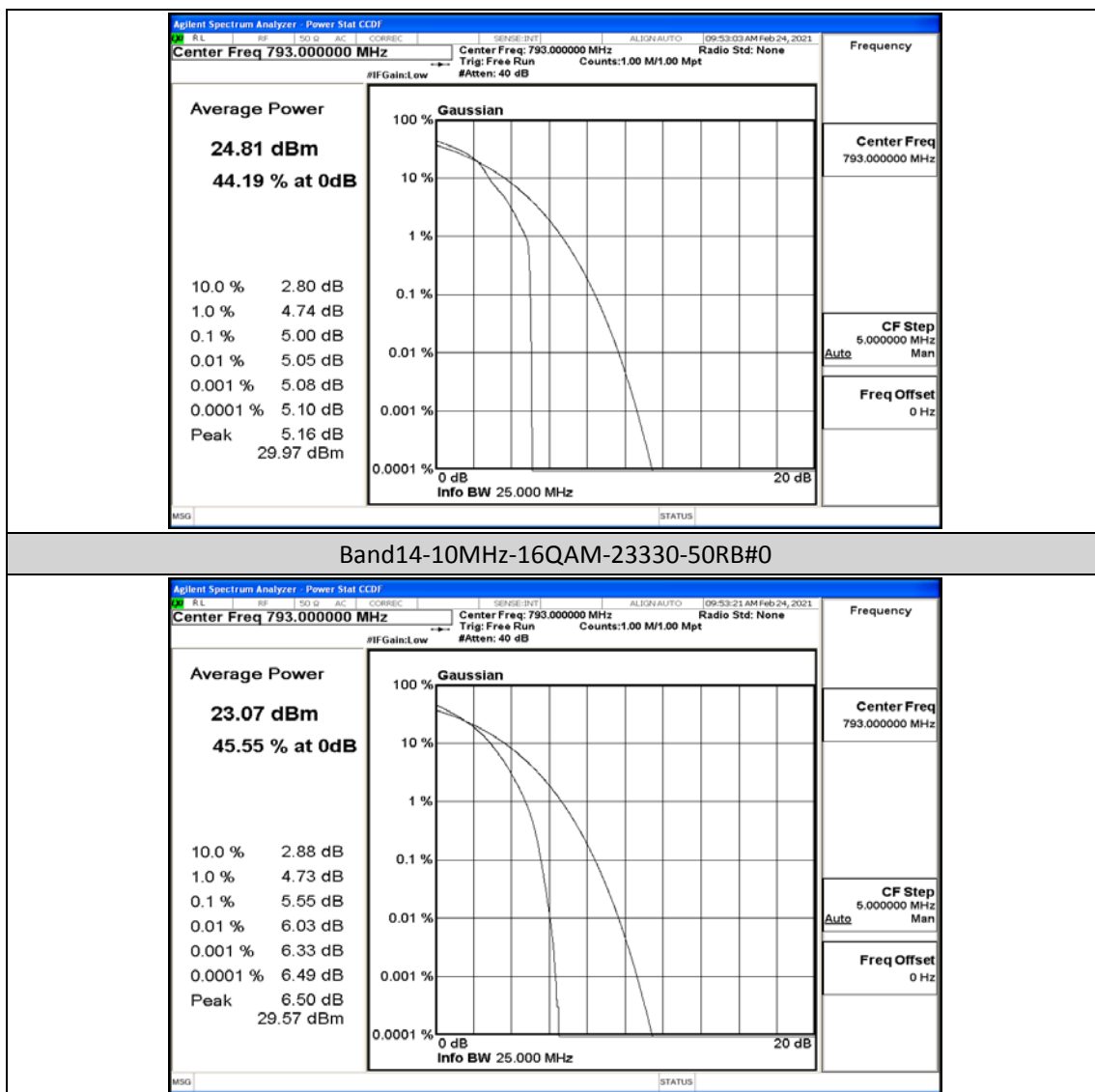
Band14-10MHz-QPSK-23330-1RB#0



Band14-10MHz-QPSK-23330-50RB#0



Band14-10MHz-16QAM-23330-1RB#0



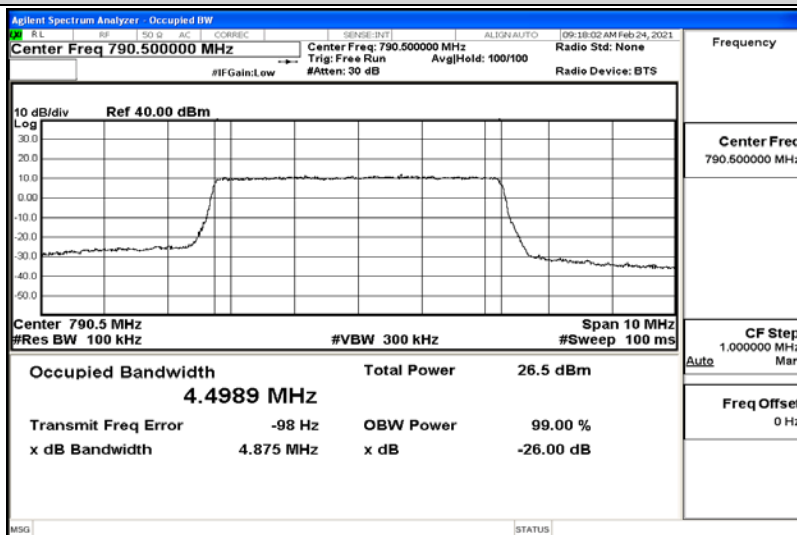
G.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

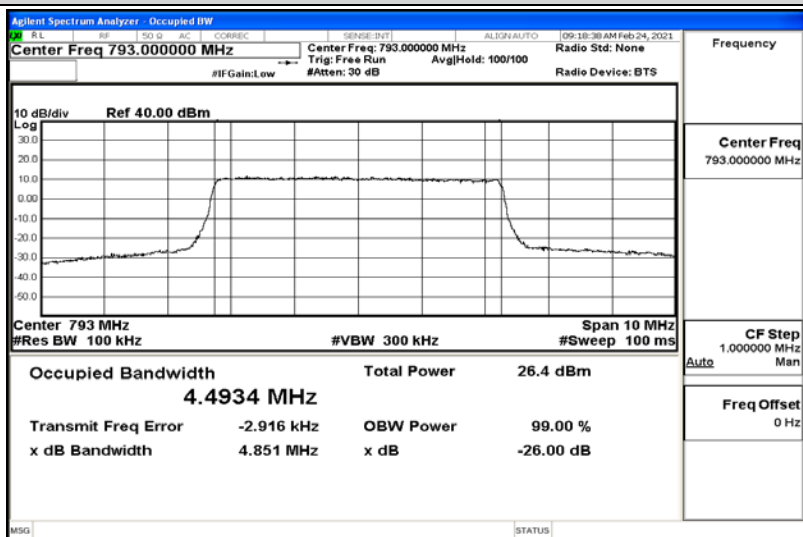
Band	Bandwidth	Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23305	4.4989	4.875	PASS
Band14	5MHz	QPSK	23330	4.4934	4.851	PASS
Band14	5MHz	QPSK	23355	4.5104	4.869	PASS
Band14	5MHz	16QAM	23305	4.5004	4.861	PASS
Band14	5MHz	16QAM	23330	4.4964	4.900	PASS
Band14	5MHz	16QAM	23355	4.5129	4.881	PASS
Band14	10MHz	QPSK	23330	8.9462	9.519	PASS
Band14	10MHz	16QAM	23330	8.9267	9.493	PASS

Test Graphs

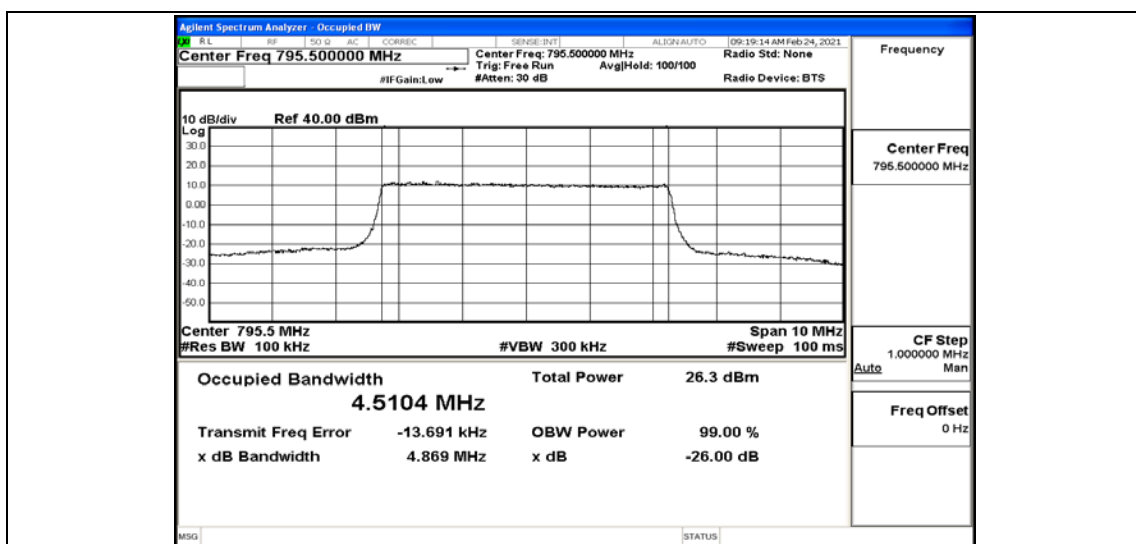
Band14-5MHz-QPSK-23305-25RB#0-4.4989



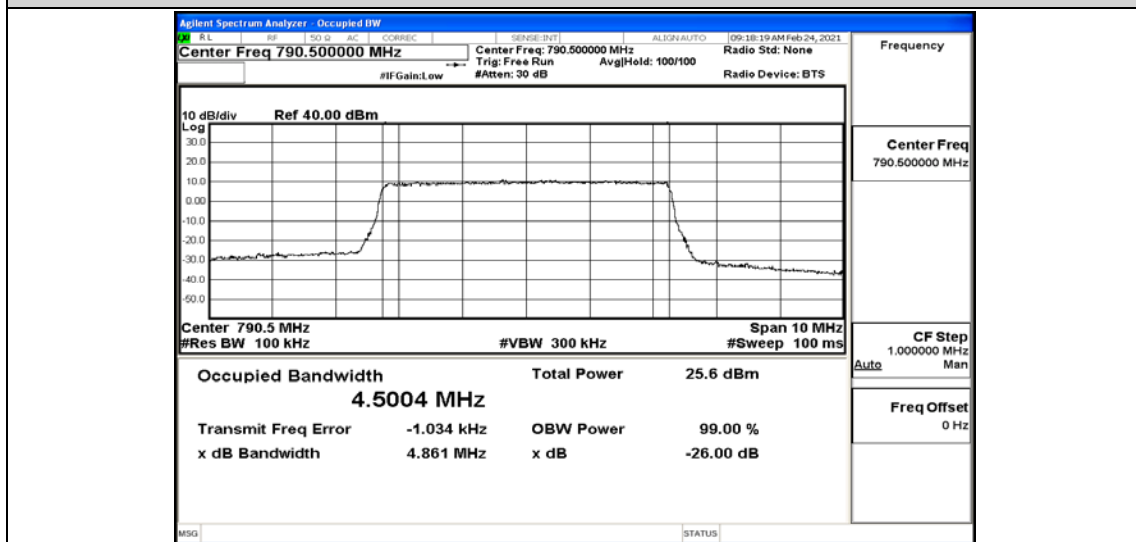
Band14-5MHz-QPSK-23330-25RB#0-4.4934



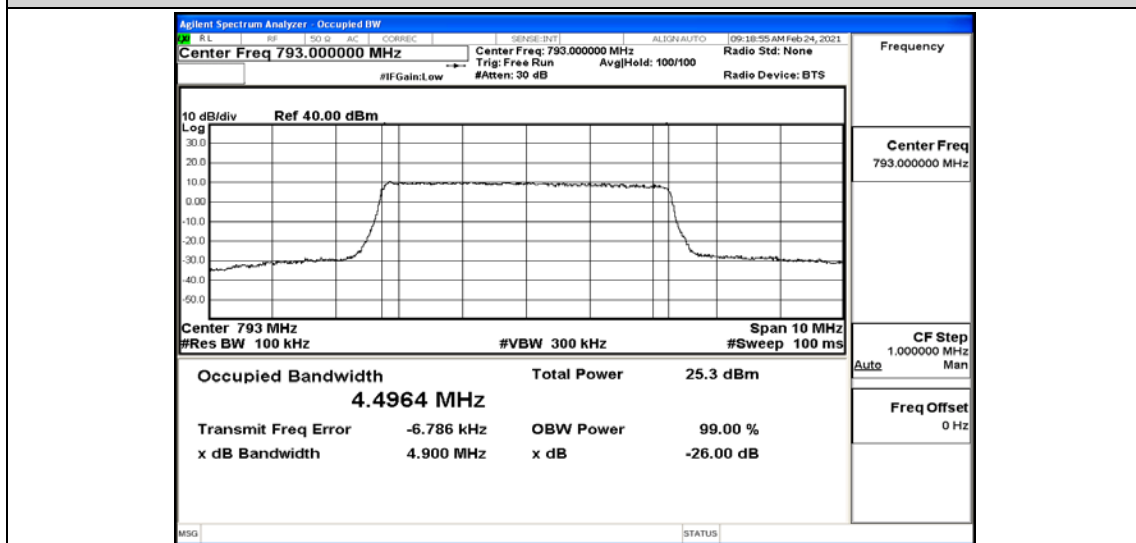
Band14-5MHz-QPSK-23355-25RB#0-4.5104



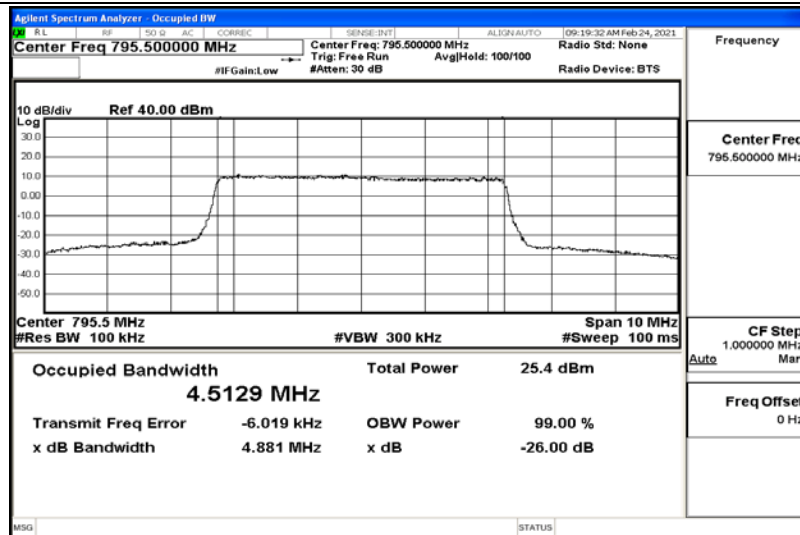
Band14-5MHz-16QAM-23305-25RB#0-4.5004



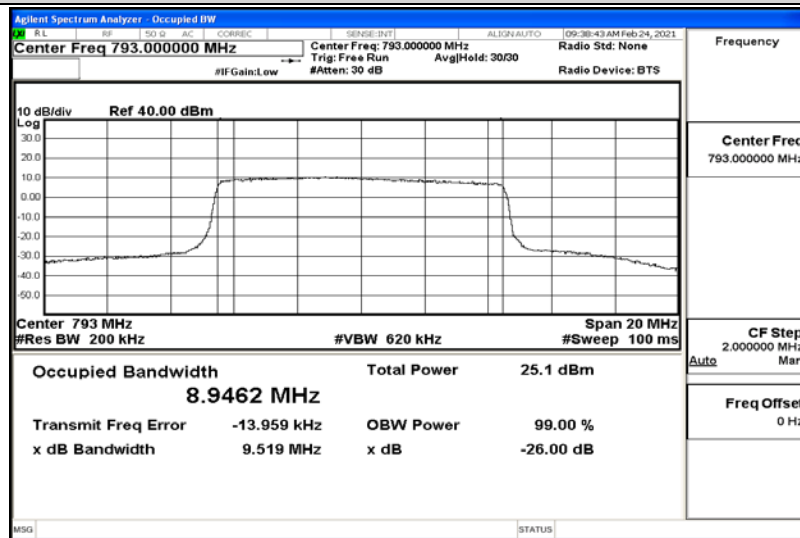
Band14-5MHz-16QAM-23330-25RB#0-4.4964



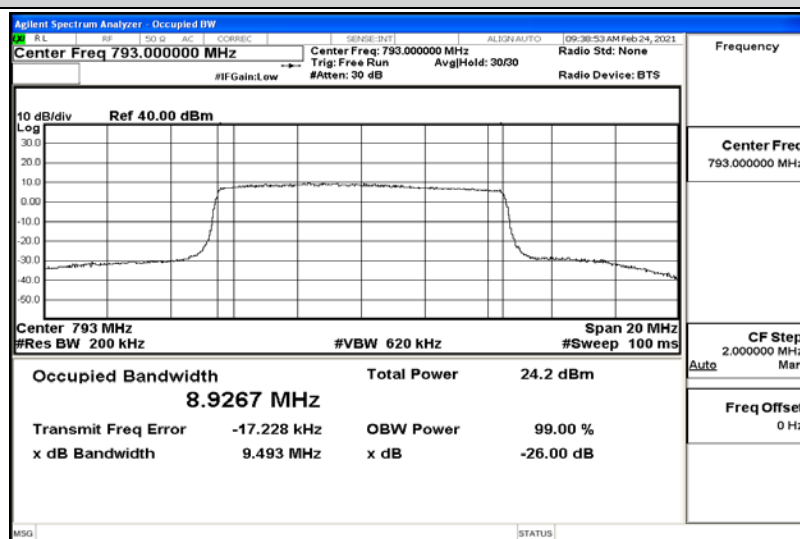
Band14-5MHz-16QAM-23355-25RB#0-4.5129



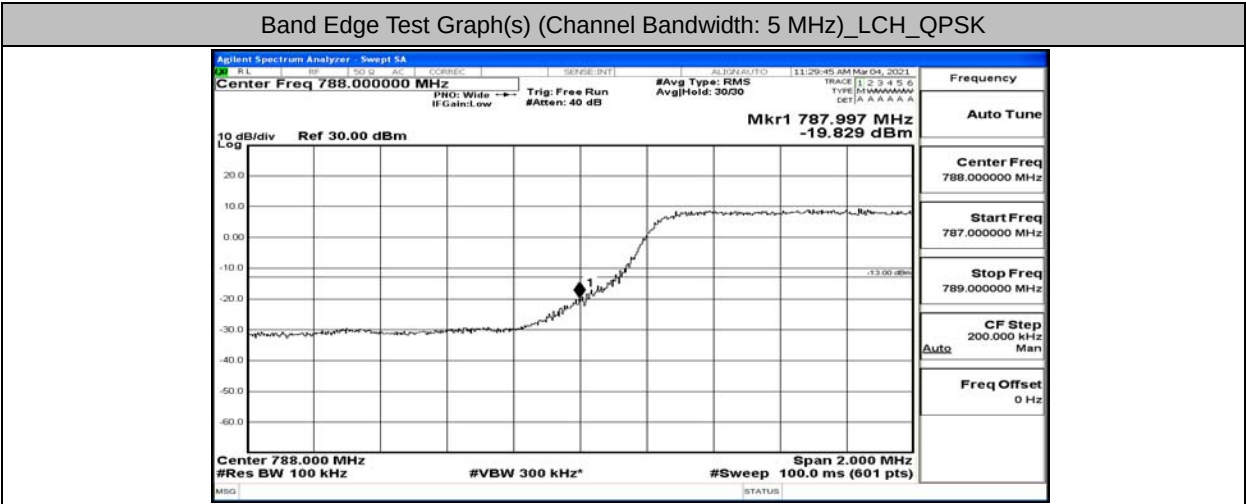
Band14-10MHz-QPSK-23330-50RB#0-8.9462



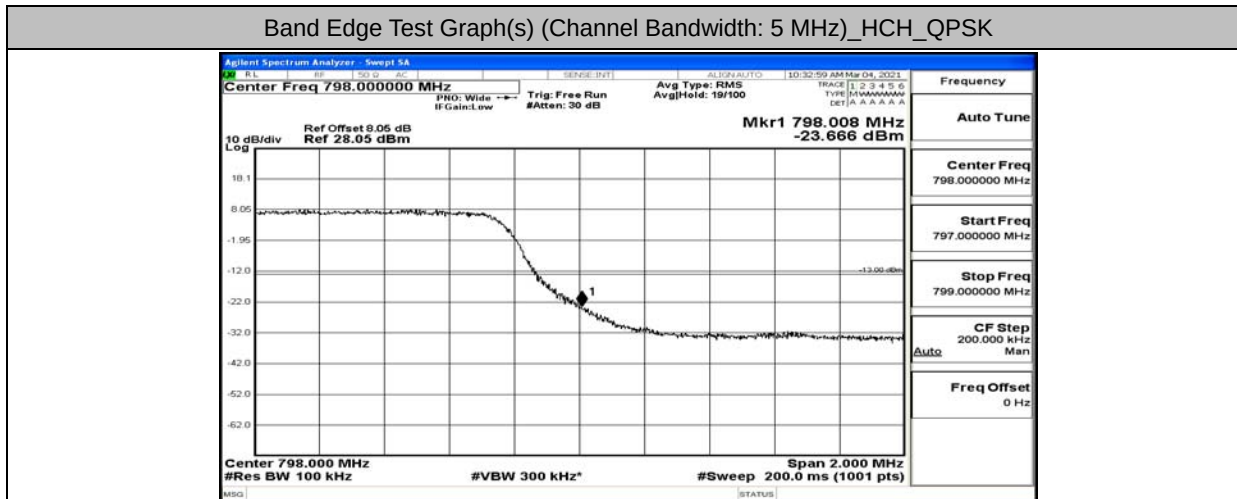
Band14-10MHz-16QAM-23330-50RB#0-8.9267



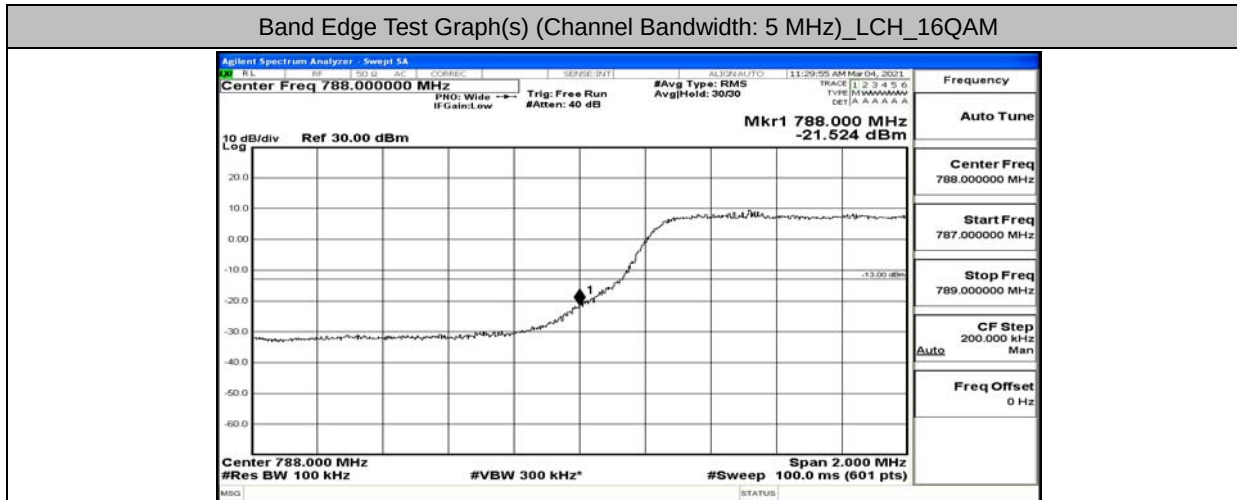
G.4: Band Edge



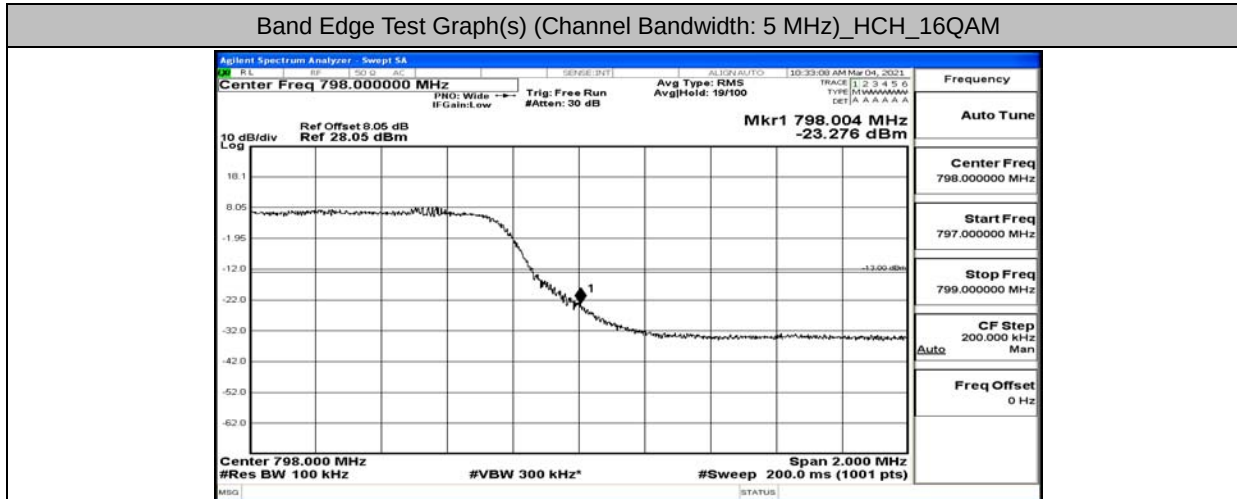
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



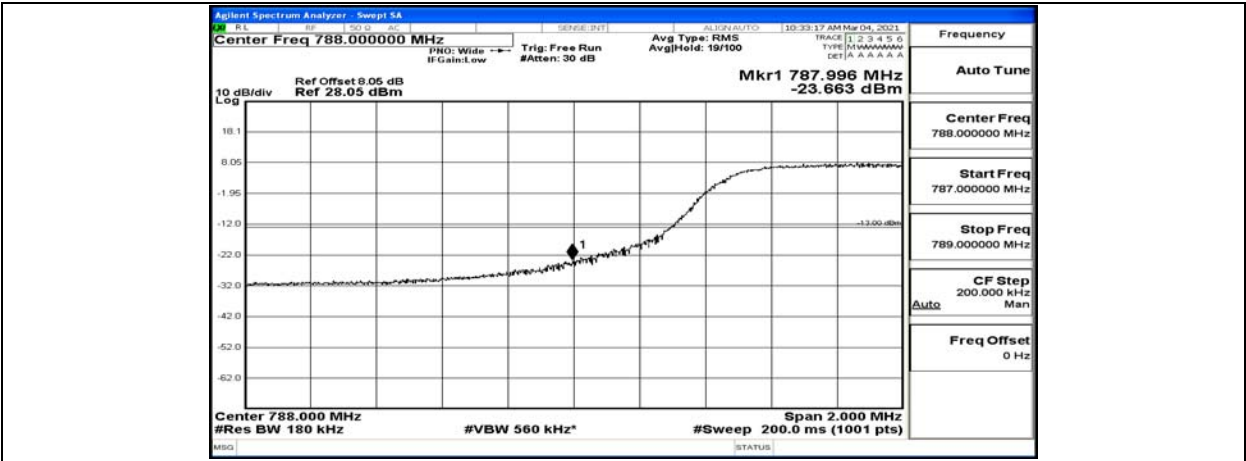
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



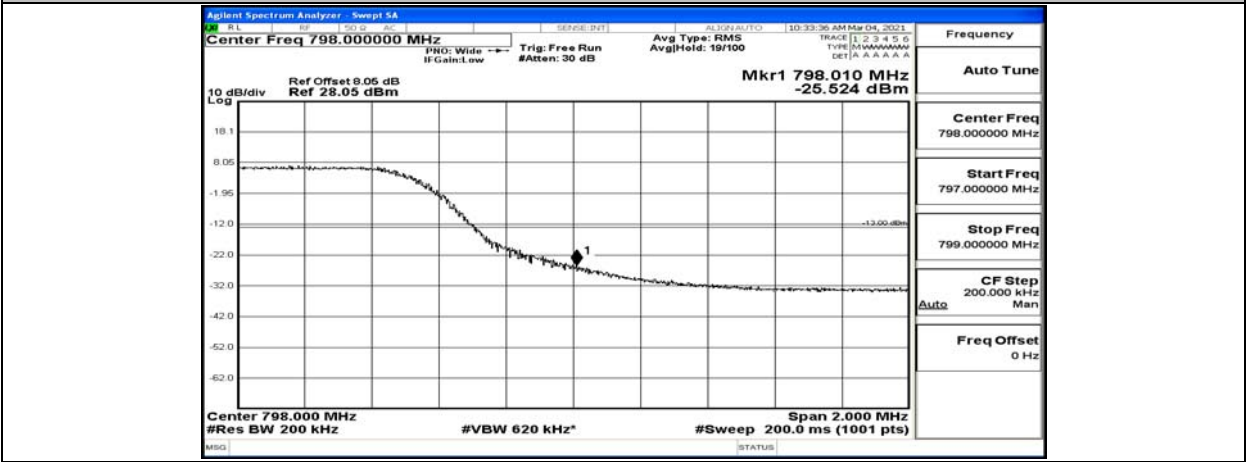
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



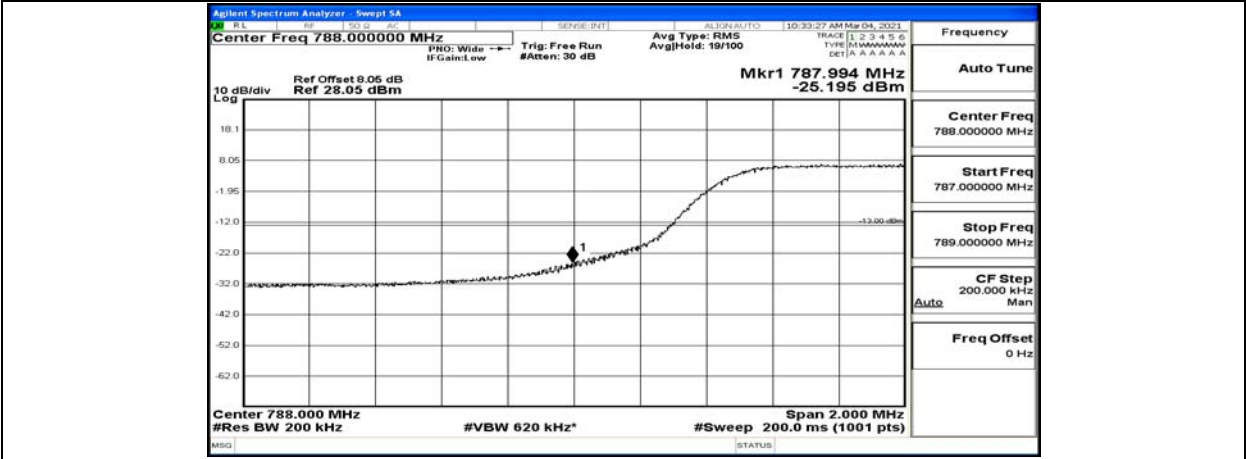
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



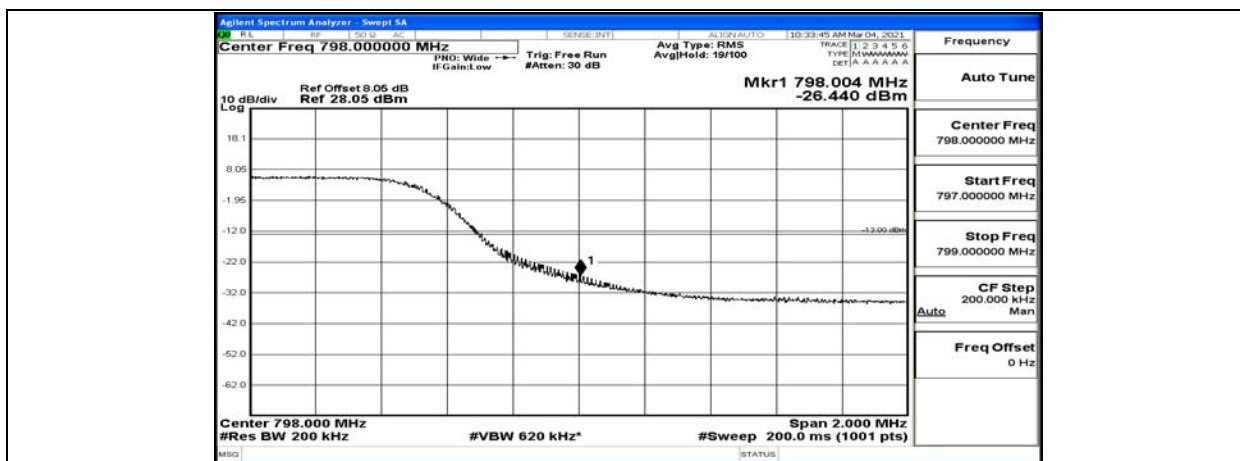
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



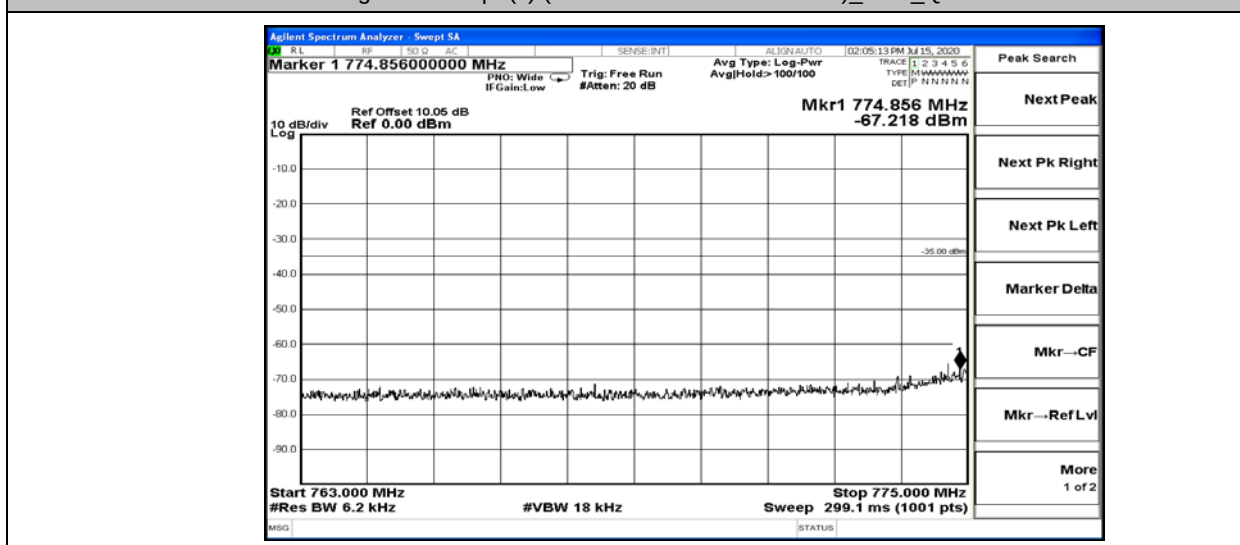
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



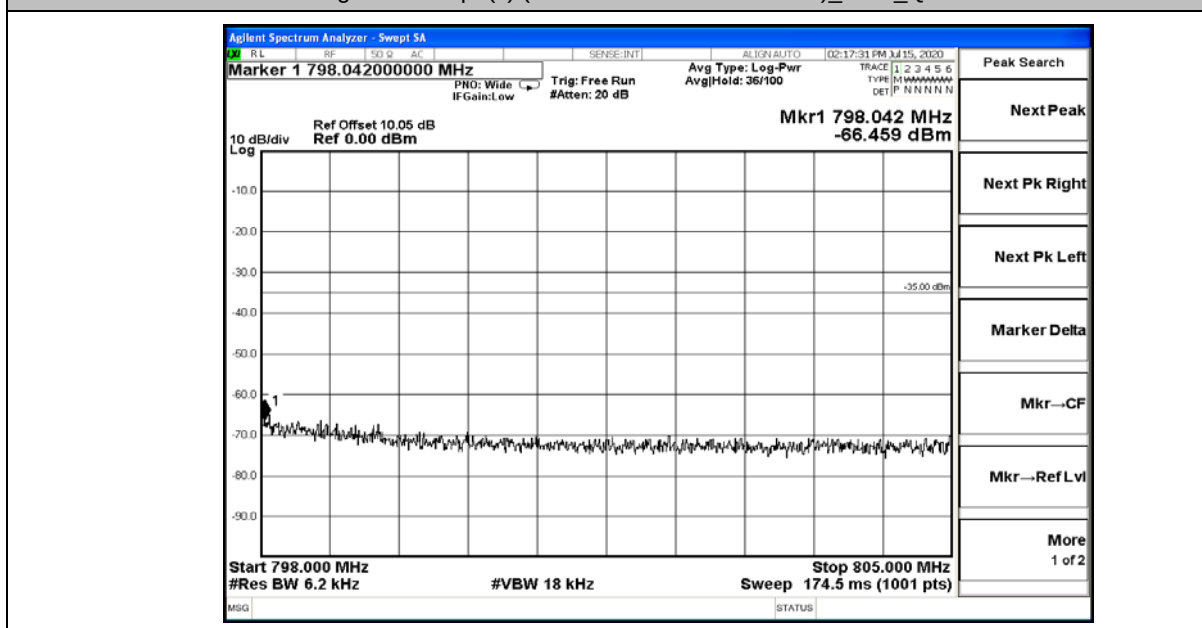
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



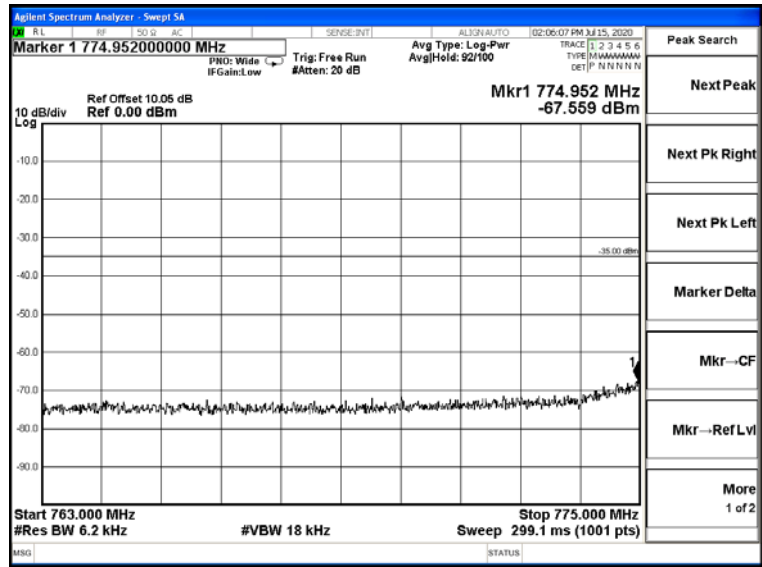
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



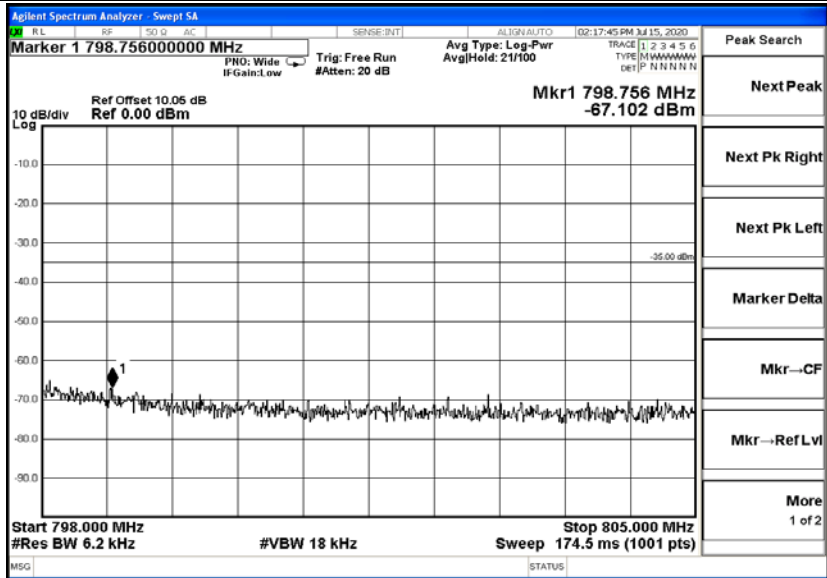
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



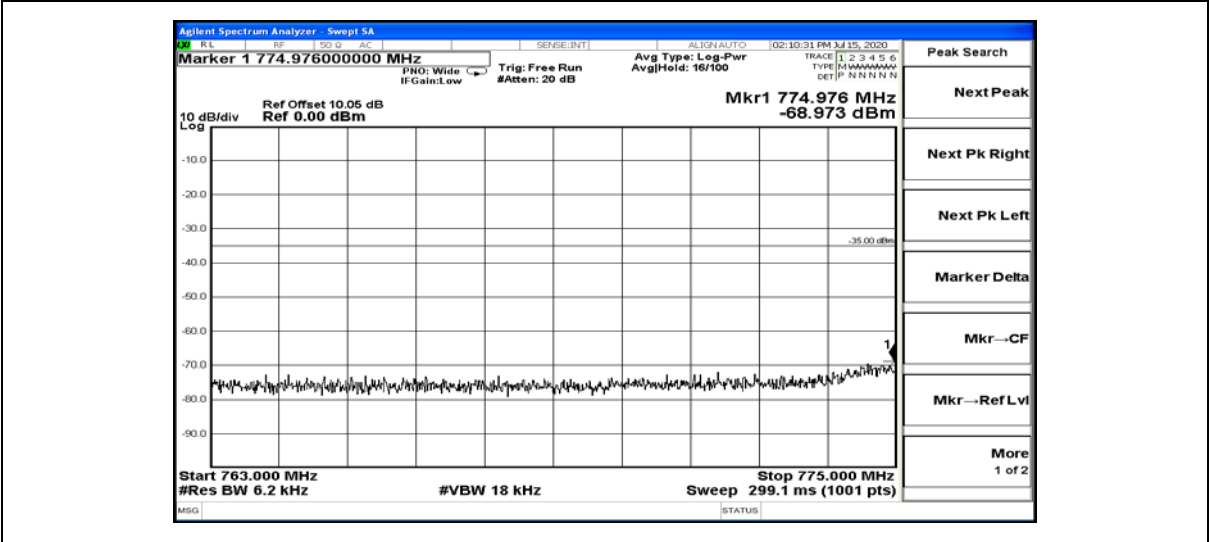
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



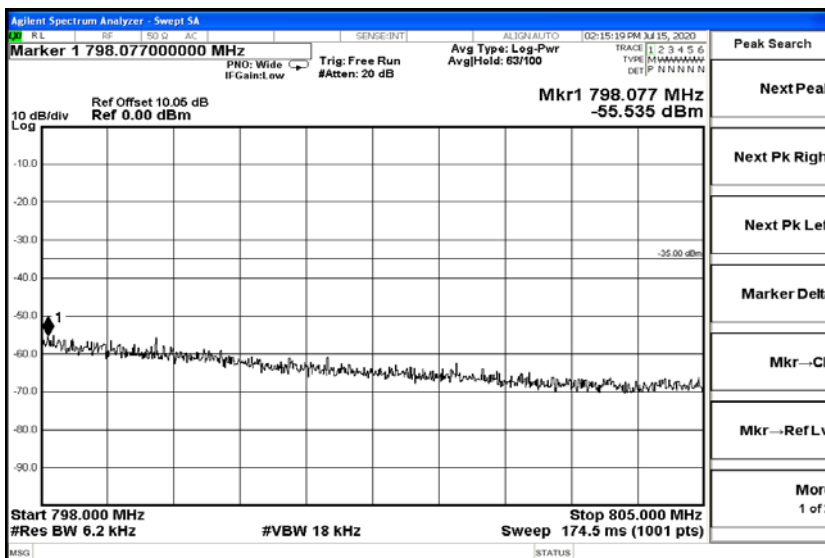
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



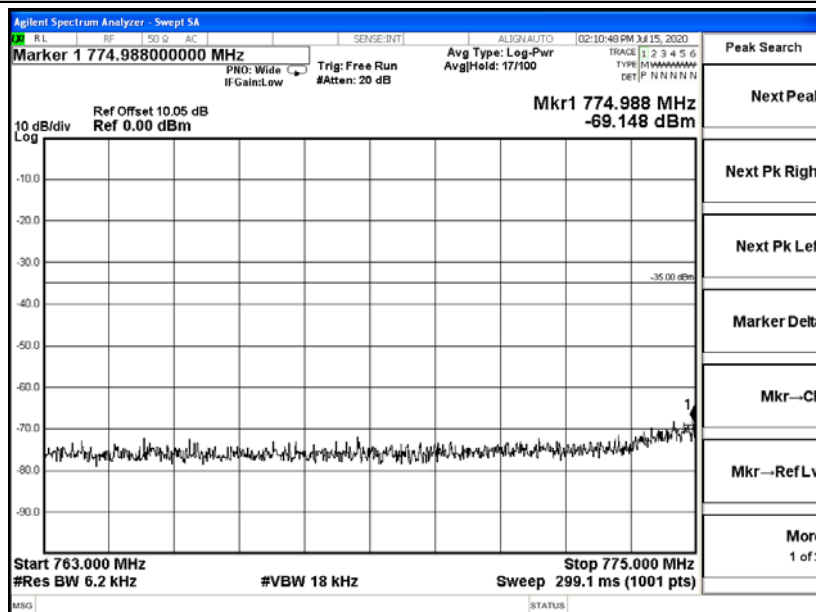
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_L_QPSK

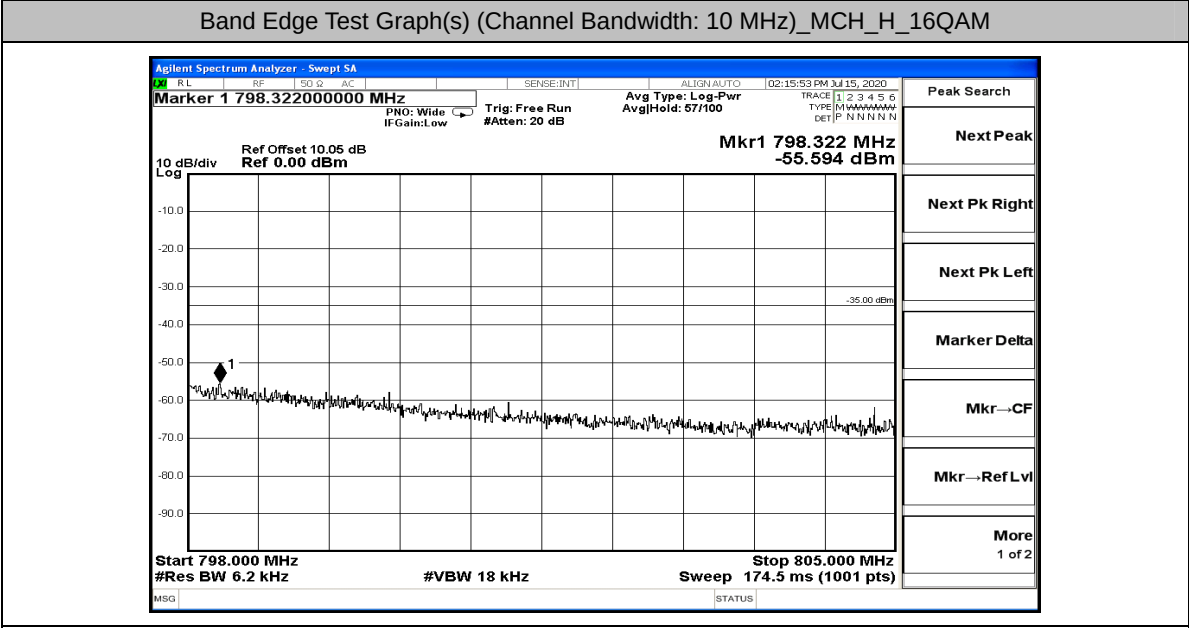


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_H_QPSK

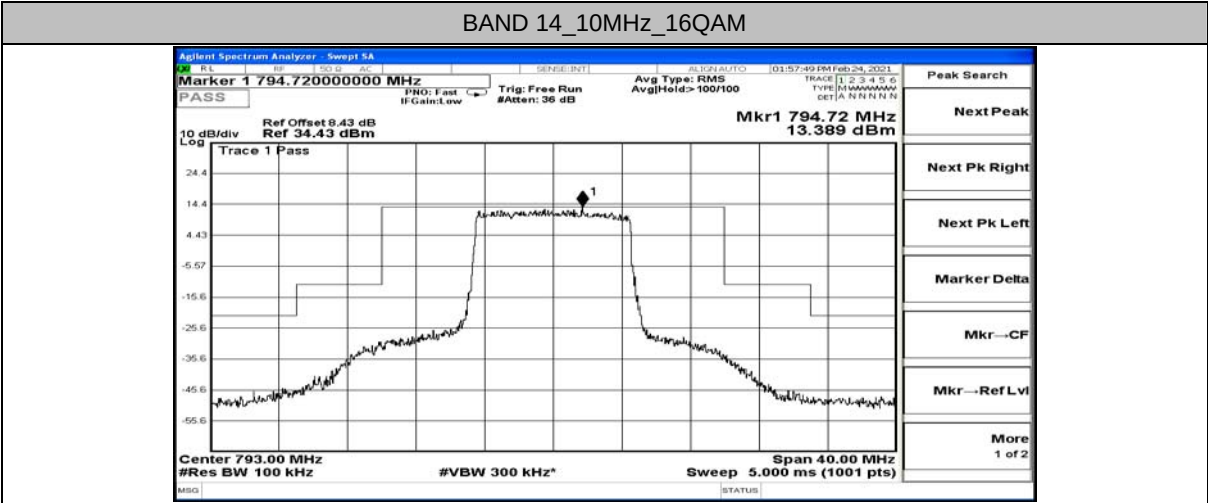
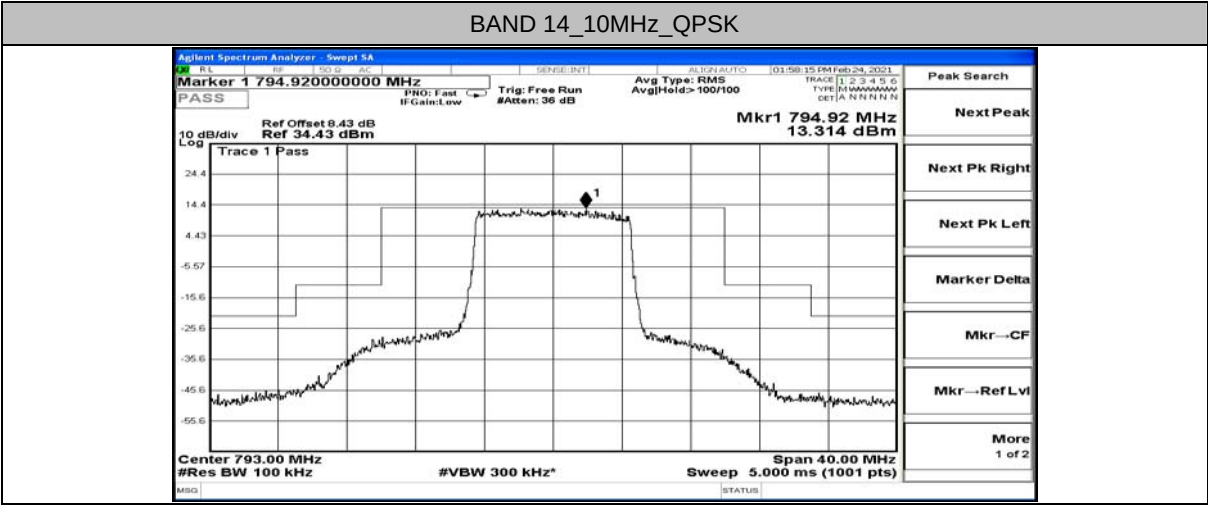


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_L_16QAM



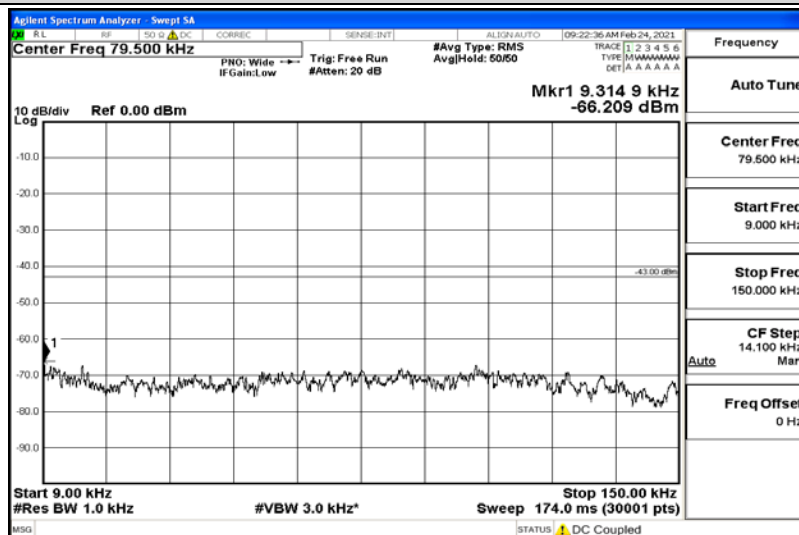


G.5 Emission Mask

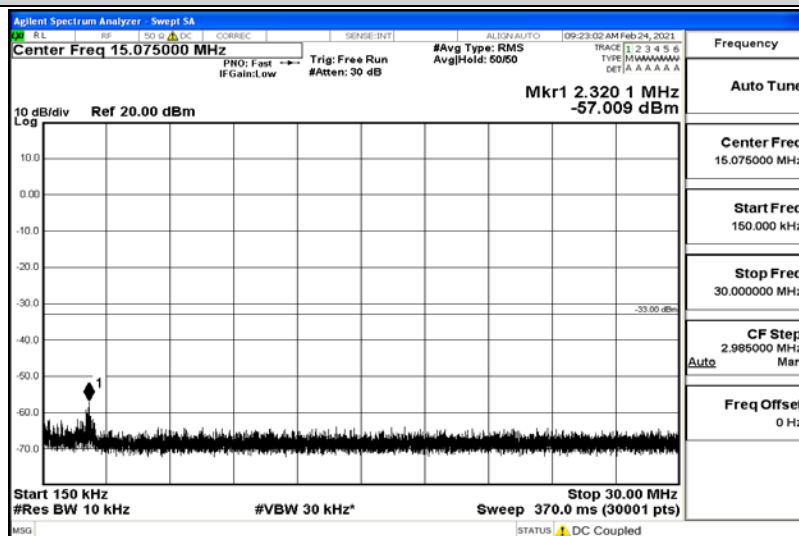


G.5: Conducted Spurious Emission

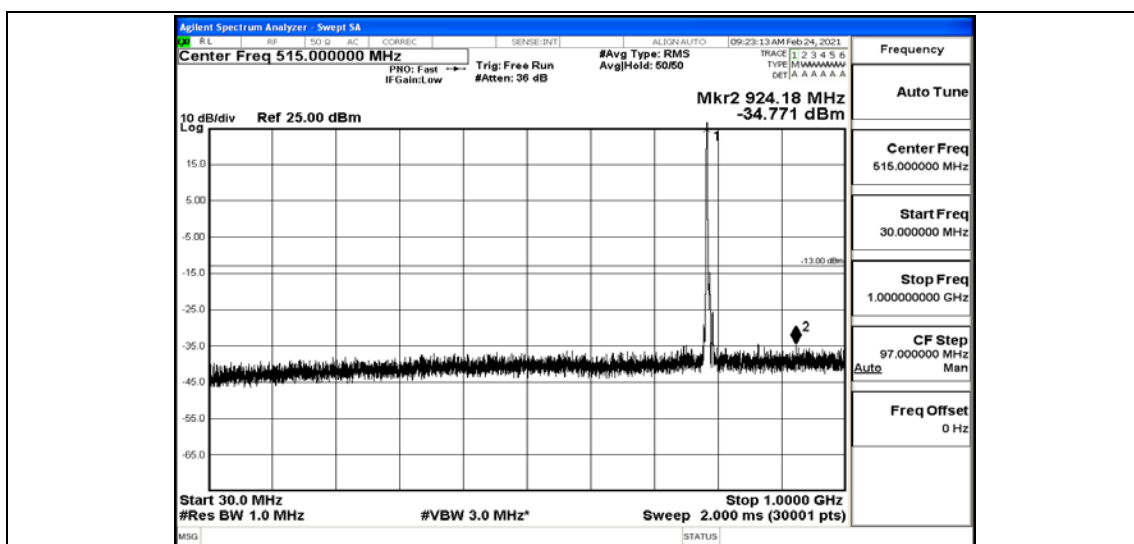
Band14-5MHz-QPSK-23305-1RB#0-Range1:0.009~0.15MHz



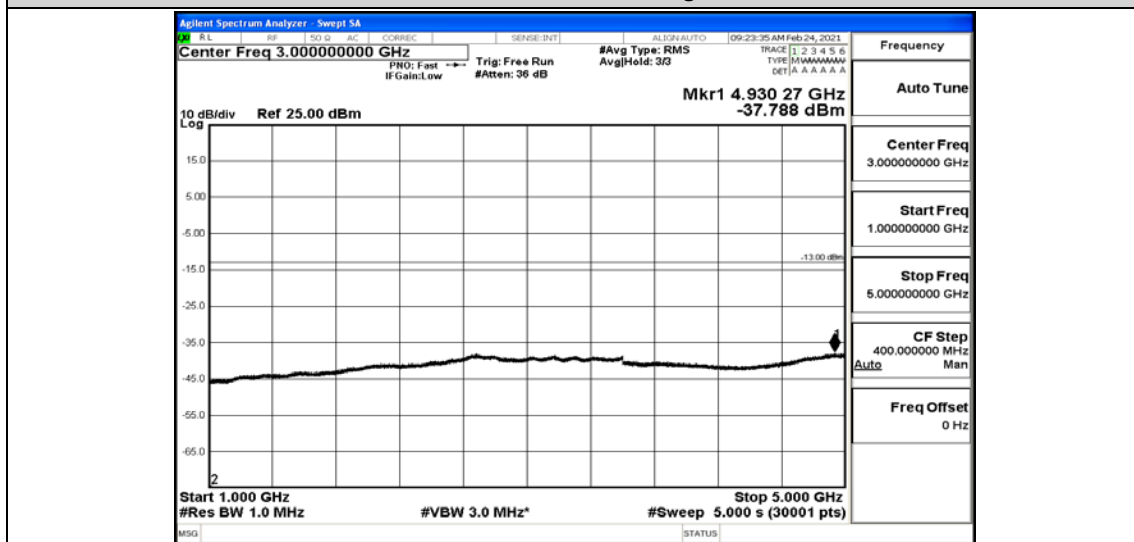
Band14-5MHz-QPSK-23305-1RB#0-Range2:0.15~30MHz



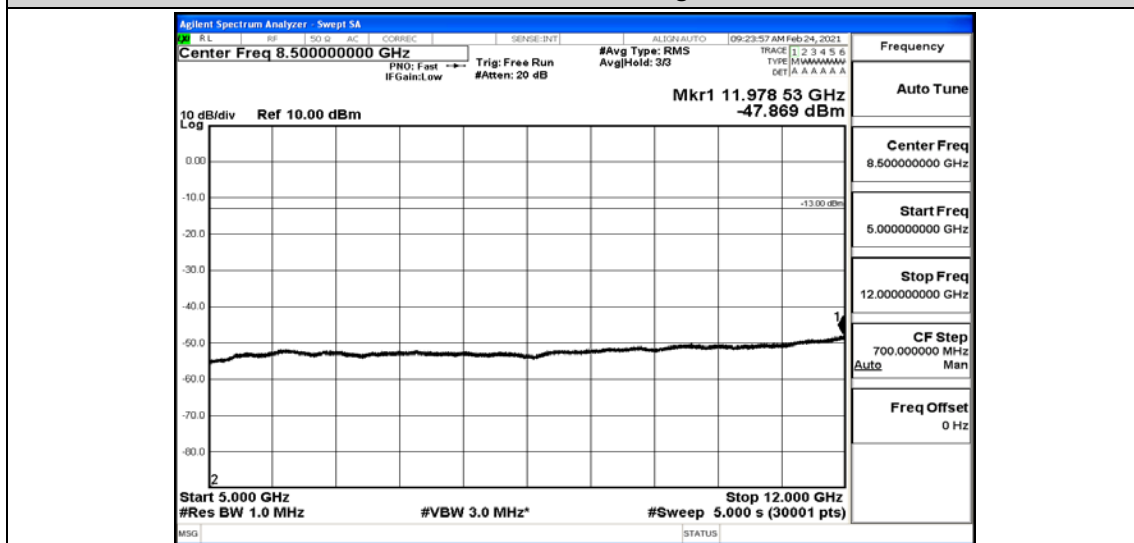
Band14-5MHz-QPSK-23305-1RB#0-Range3:30~1000MHz



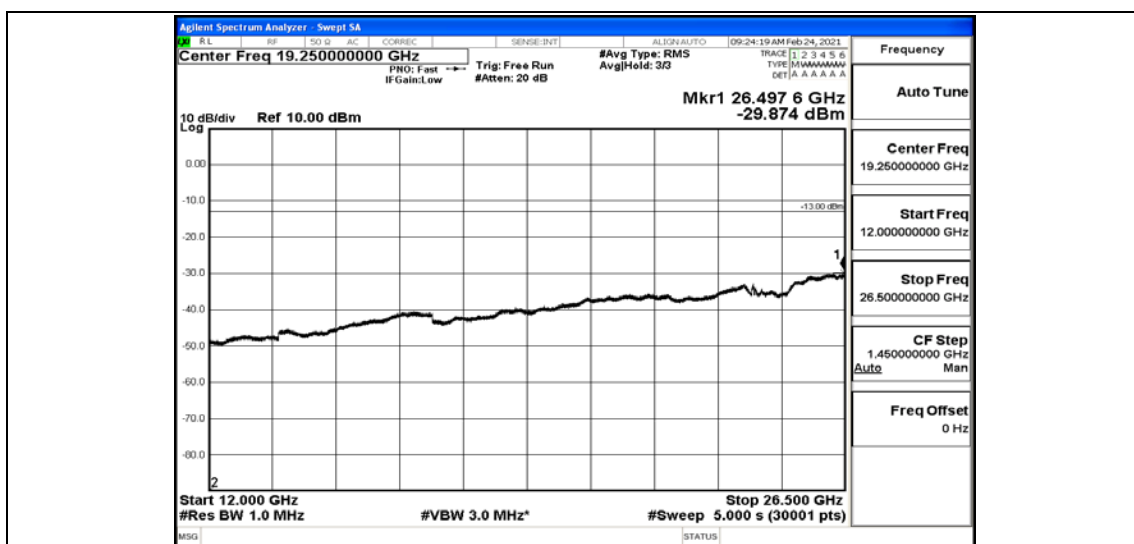
Band14-5MHz-QPSK-23305-1RB#0-Range4:1000~5000MHz



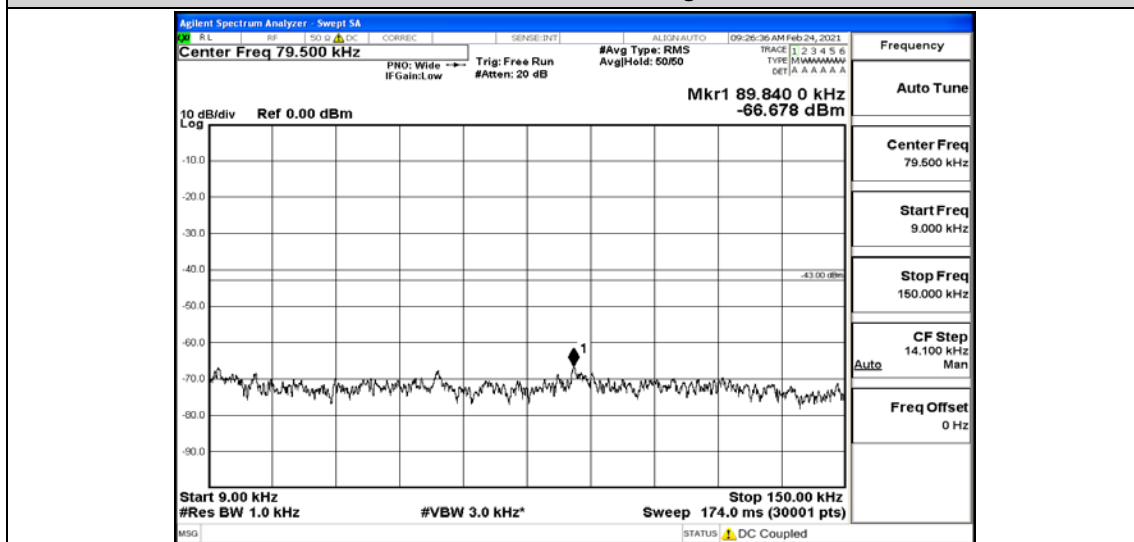
Band14-5MHz-QPSK-23305-1RB#0-Range5:5000~12000MHz



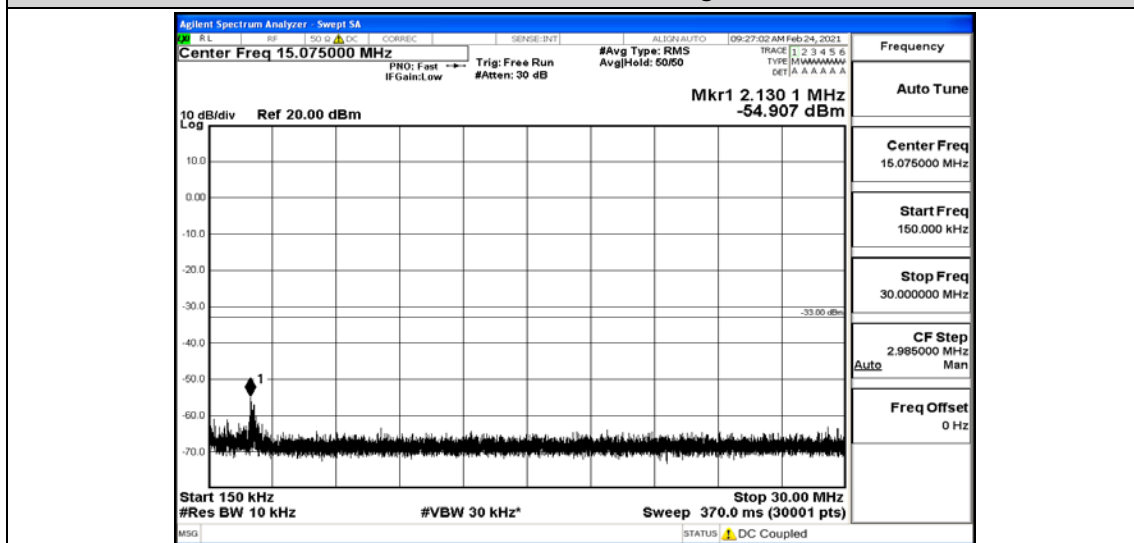
Band14-5MHz-QPSK-23305-1RB#0-Range6:12000~26500MHz



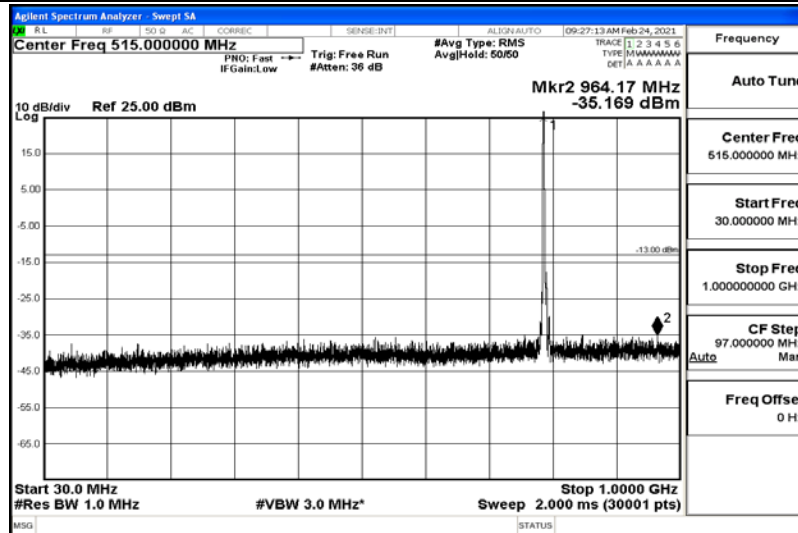
Band14-5MHz-QPSK-23330-1RB#0-Range1:0.009~0.15MHz



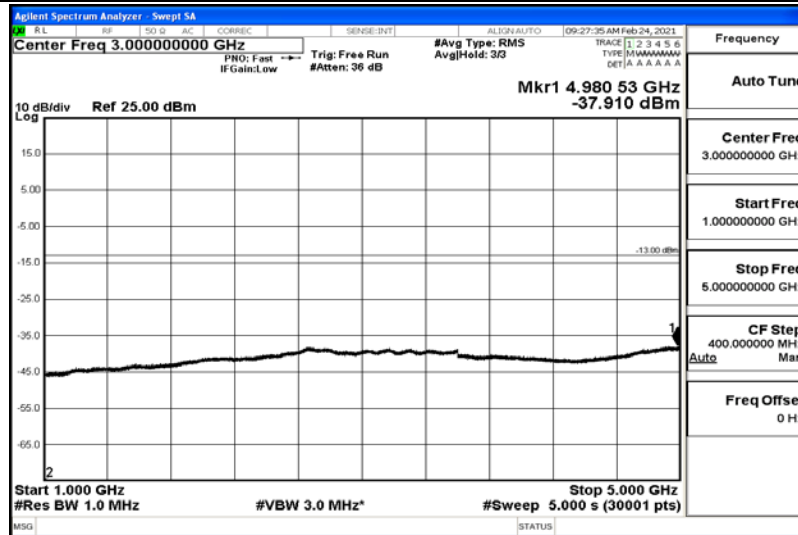
Band14-5MHz-QPSK-23330-1RB#0-Range2:0.15~30MHz



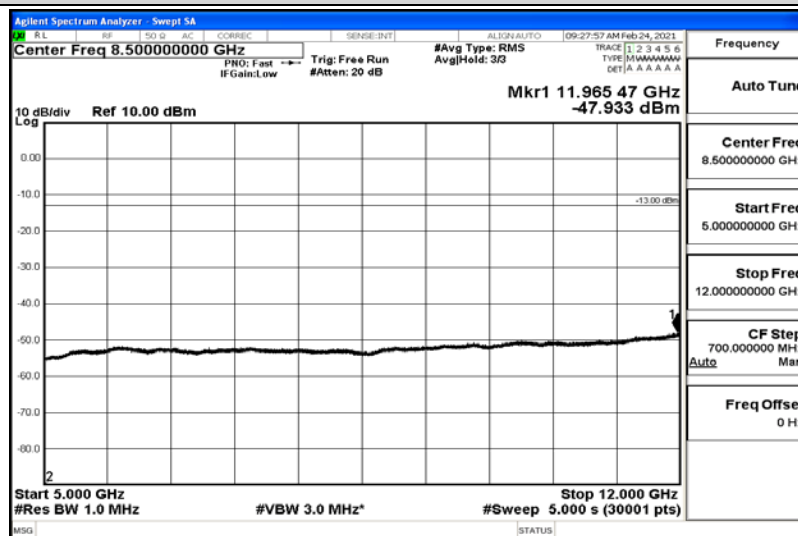
Band14-5MHz-QPSK-23330-1RB#0-Range3:30~1000MHz



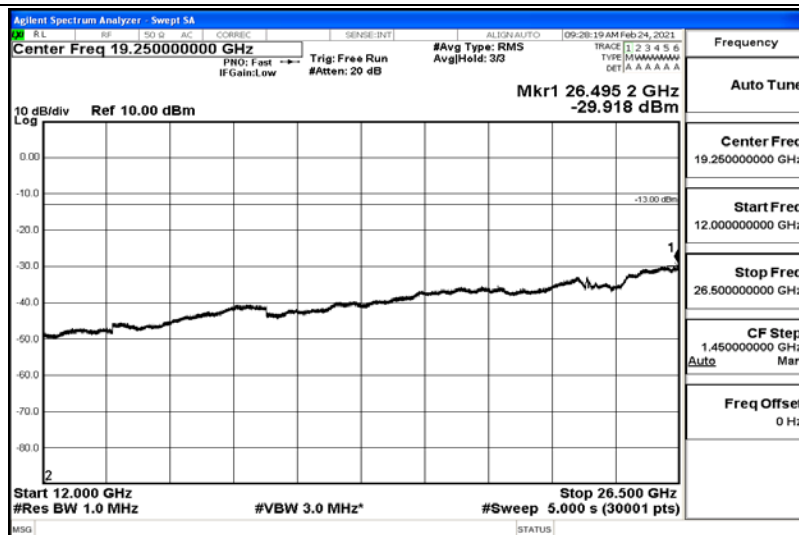
Band14-5MHz-QPSK-23330-1RB#0-Range4:1000~5000MHz



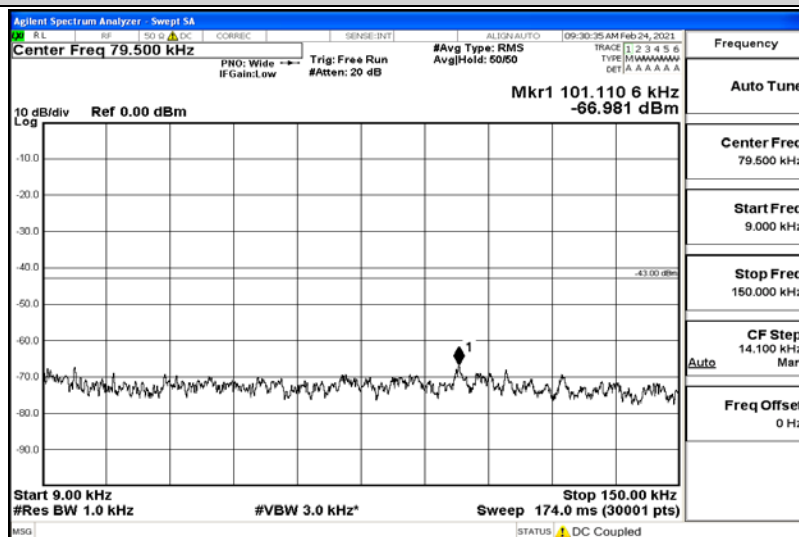
Band14-5MHz-QPSK-23330-1RB#0-Range5:5000~12000MHz



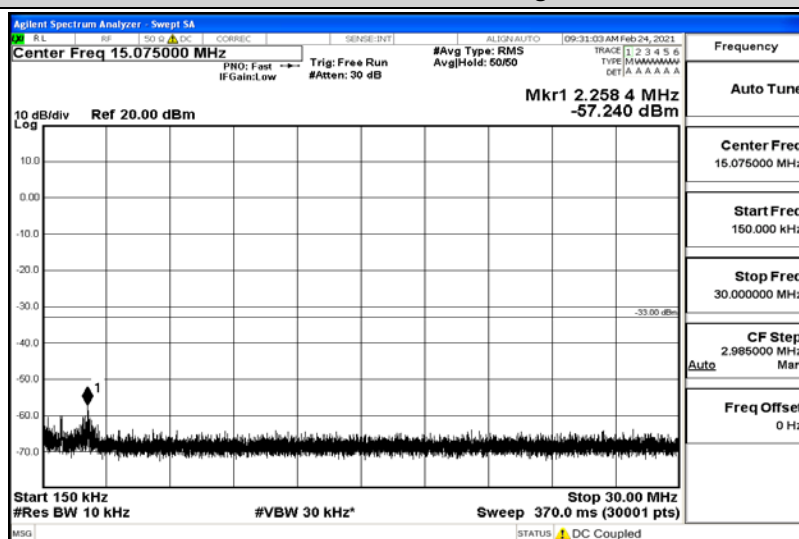
Band14-5MHz-QPSK-23330-1RB#0-Range6:12000~26500MHz



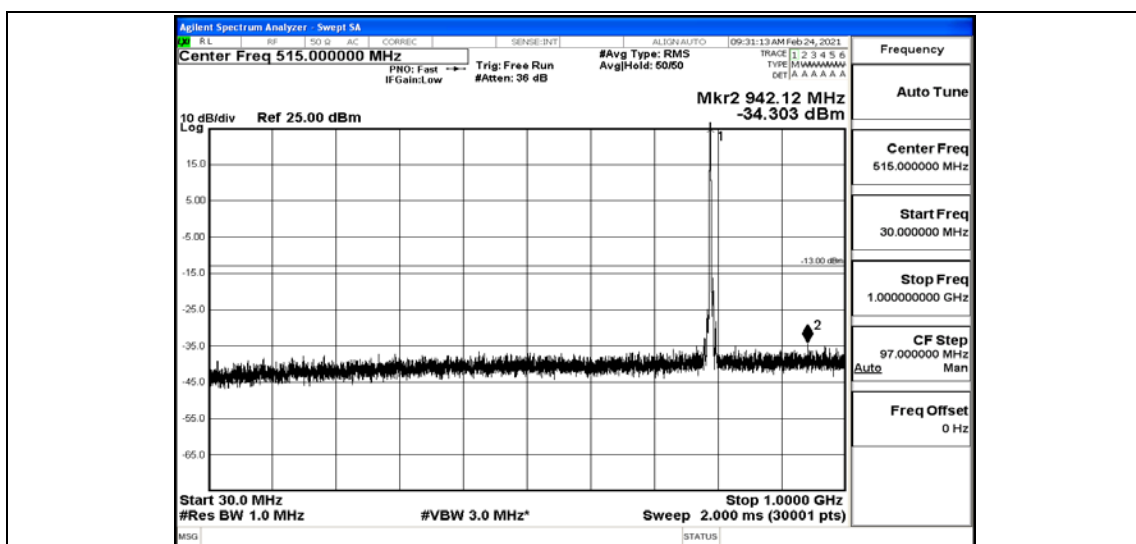
Band14-5MHz-QPSK-23355-1RB#0-Range1:0.009~0.15MHz



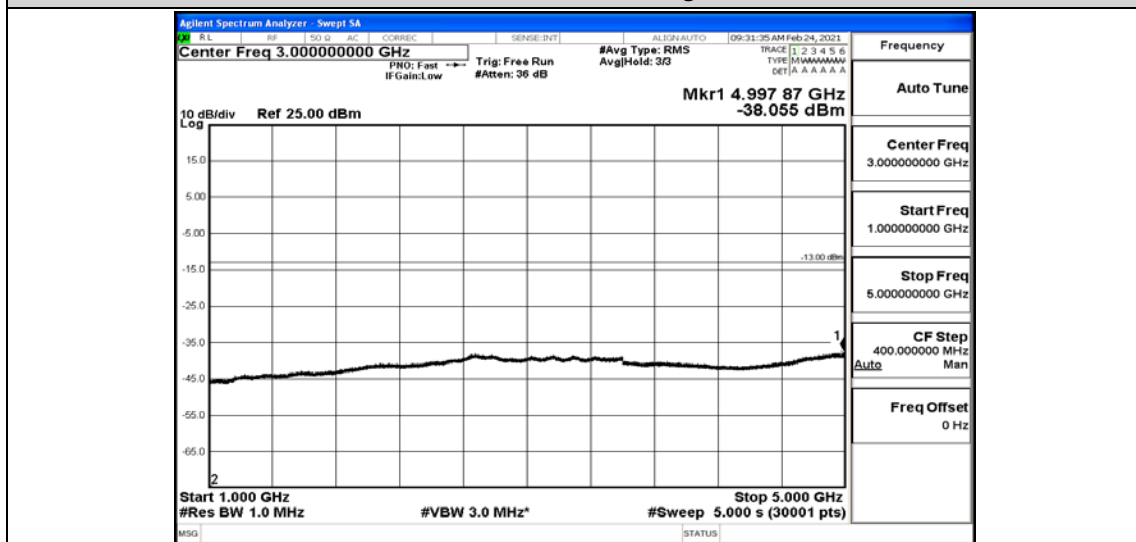
Band14-5MHz-QPSK-23355-1RB#0-Range2:0.15~30MHz



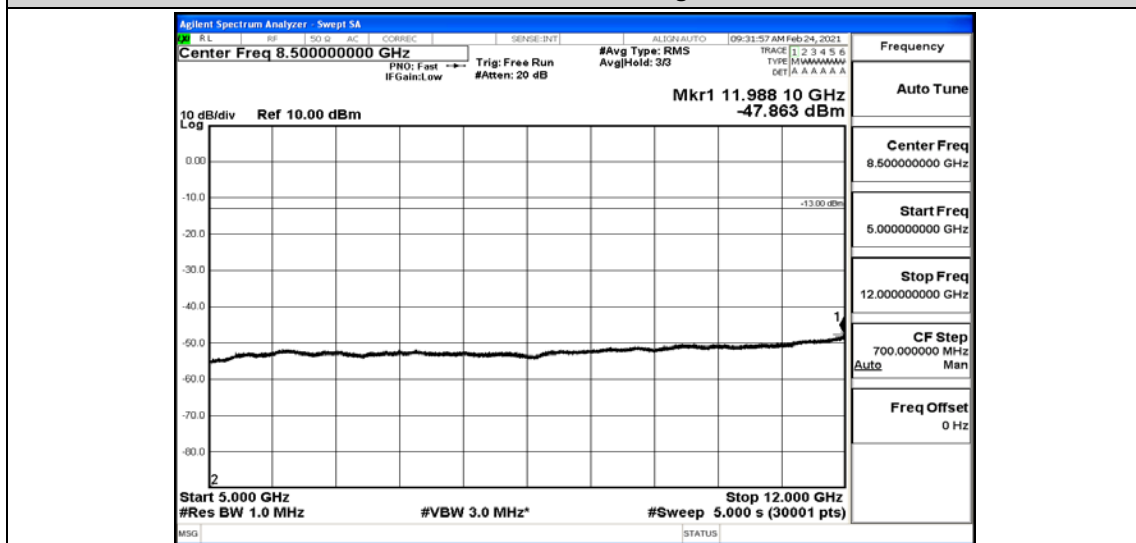
Band14-5MHz-QPSK-23355-1RB#0-Range3:30~1000MHz



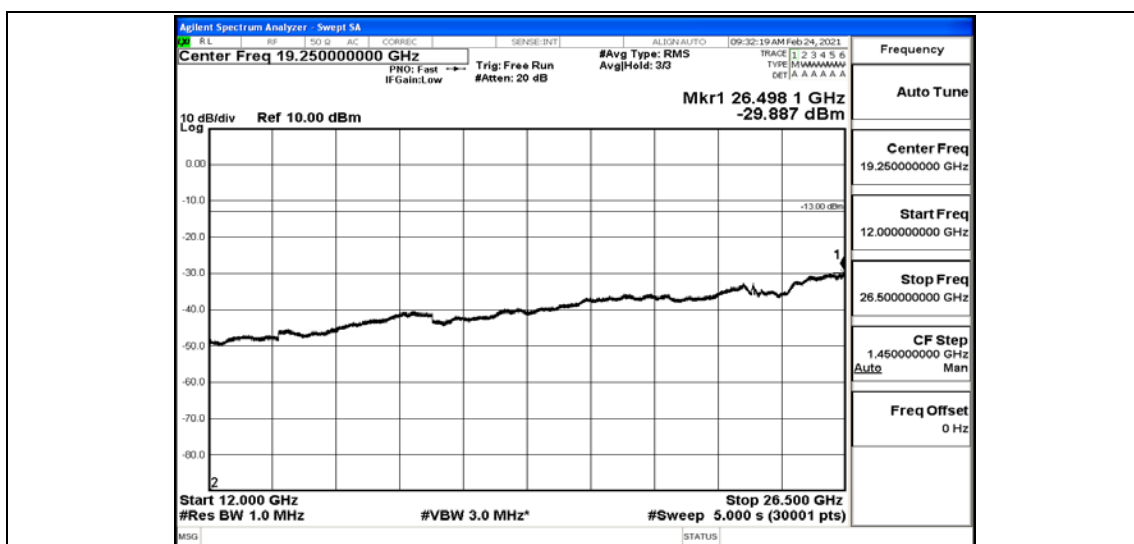
Band14-5MHz-QPSK-23355-1RB#0-Range4:1000~5000MHz



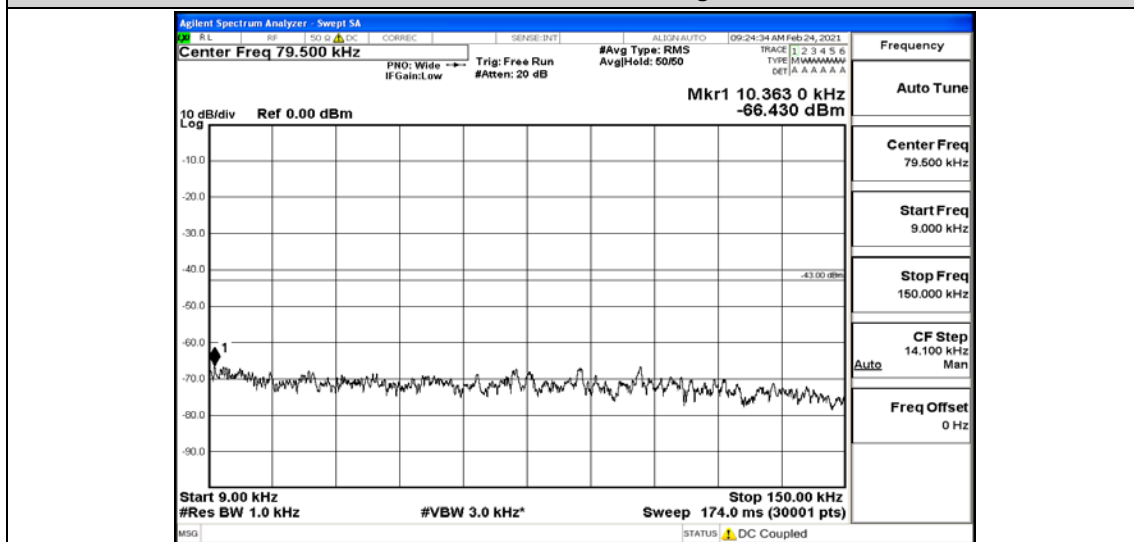
Band14-5MHz-QPSK-23355-1RB#0-Range5:5000~12000MHz



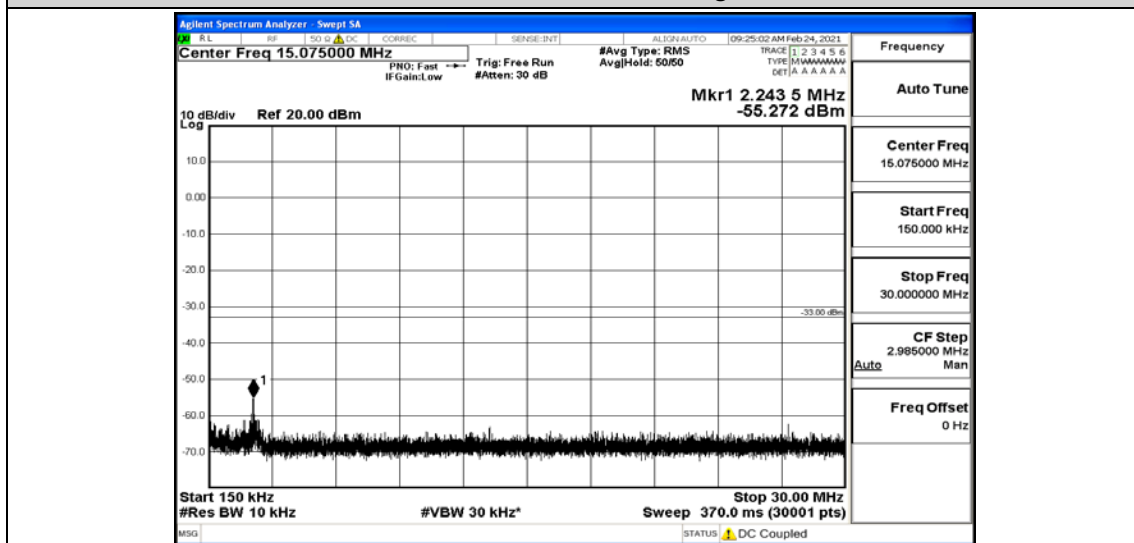
Band14-5MHz-QPSK-23355-1RB#0-Range6:12000~26500MHz



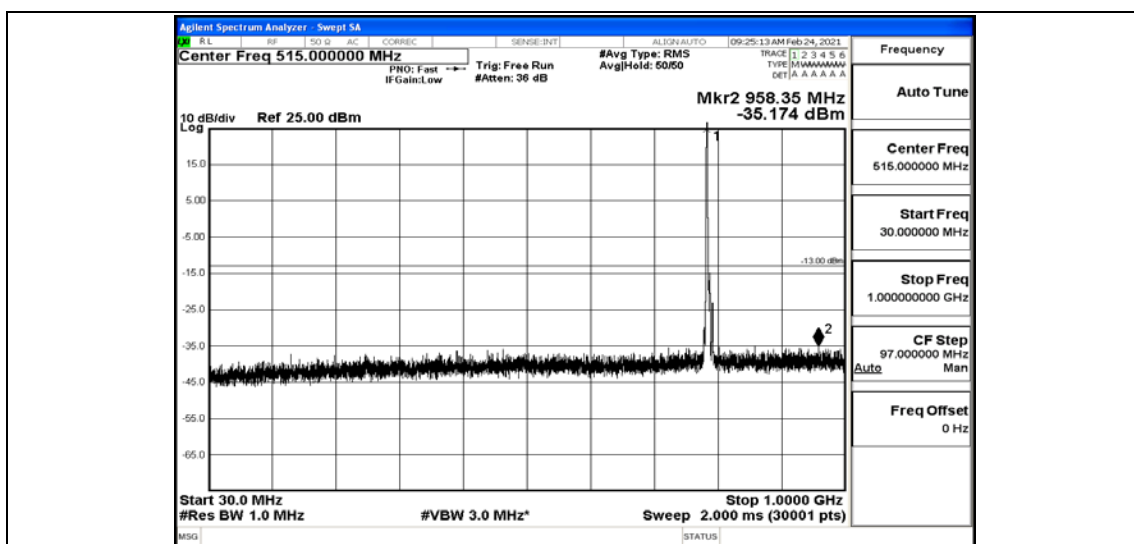
Band14-5MHz-16QAM-23305-1RB#0-Range1:0.009~0.15MHz



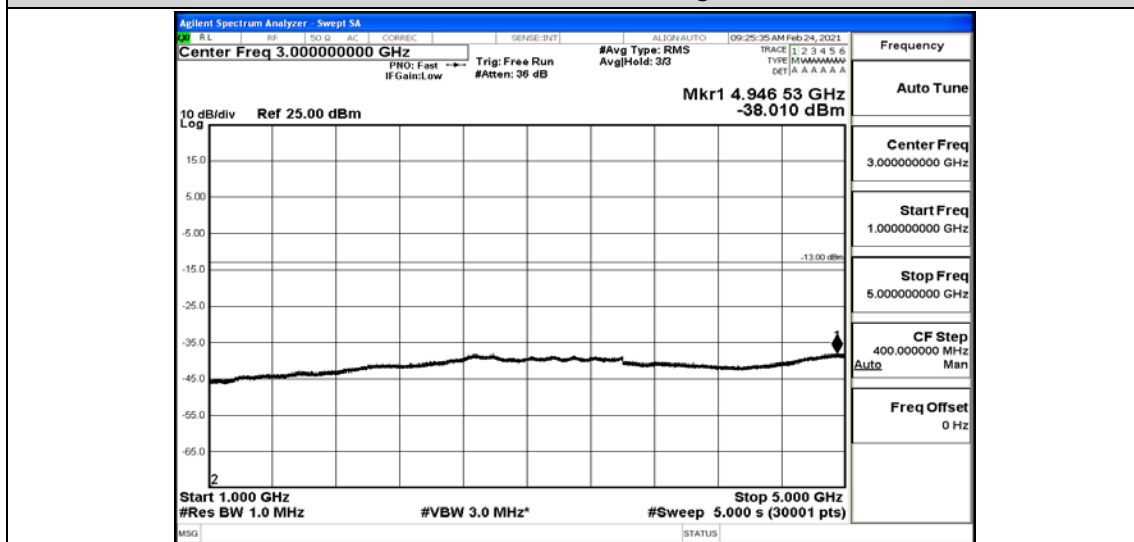
Band14-5MHz-16QAM-23305-1RB#0-Range2:0.15~30MHz



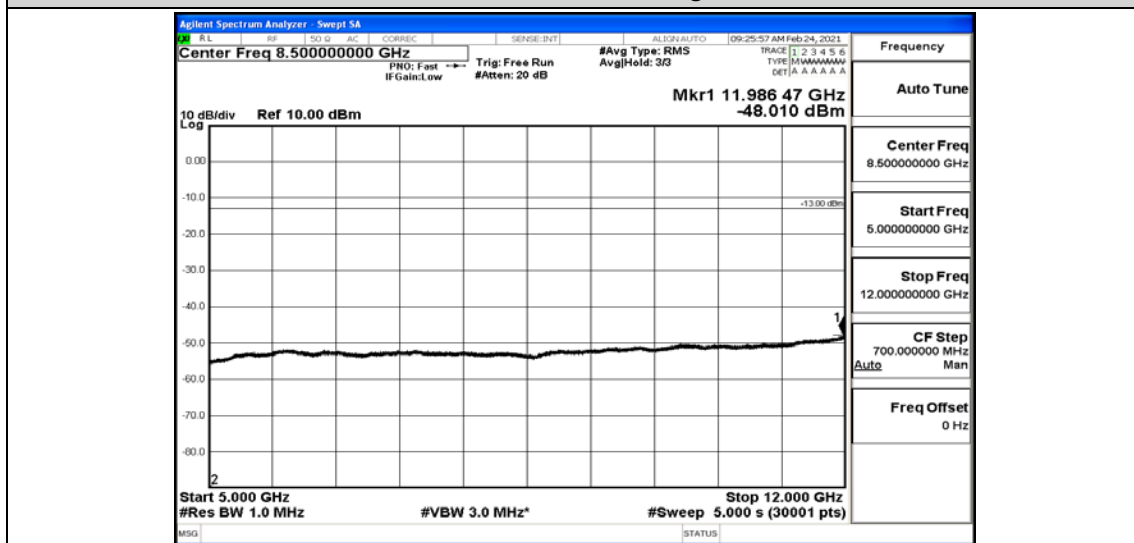
Band14-5MHz-16QAM-23305-1RB#0-Range3:30~1000MHz



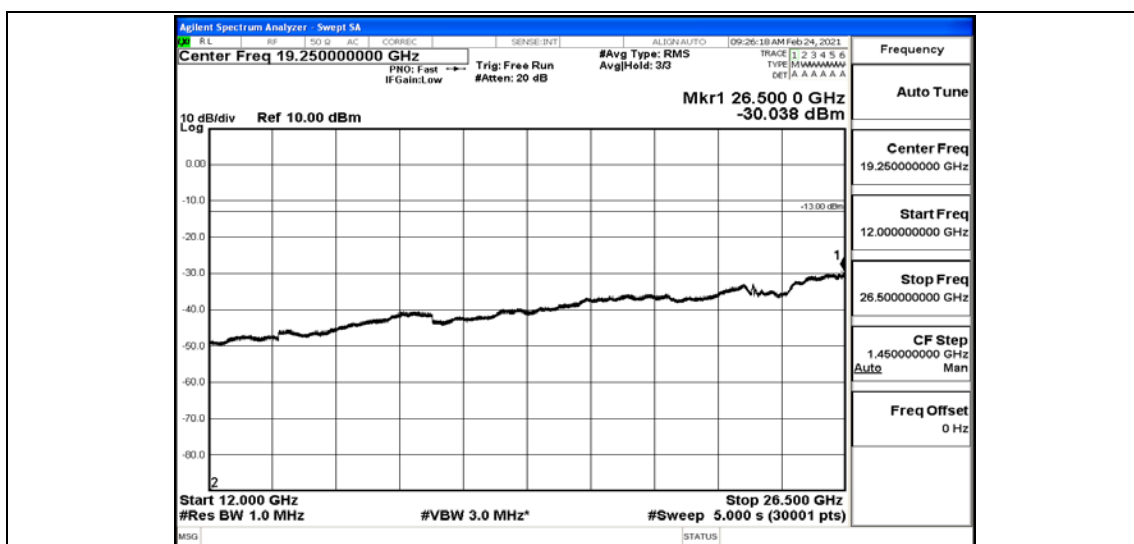
Band14-5MHz-16QAM-23305-1RB#0-Range4:1000~5000MHz



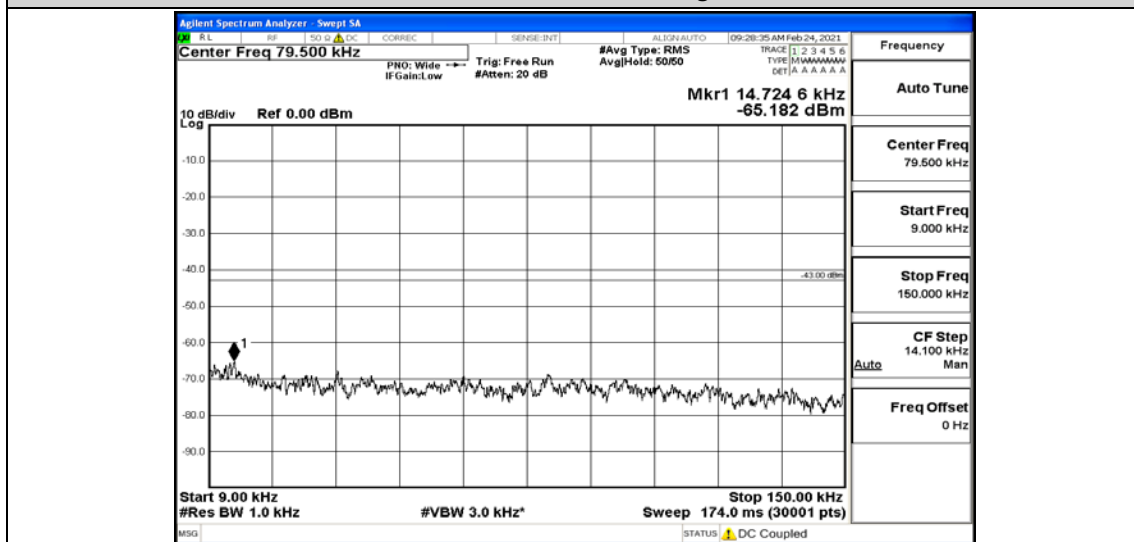
Band14-5MHz-16QAM-23305-1RB#0-Range5:5000~12000MHz



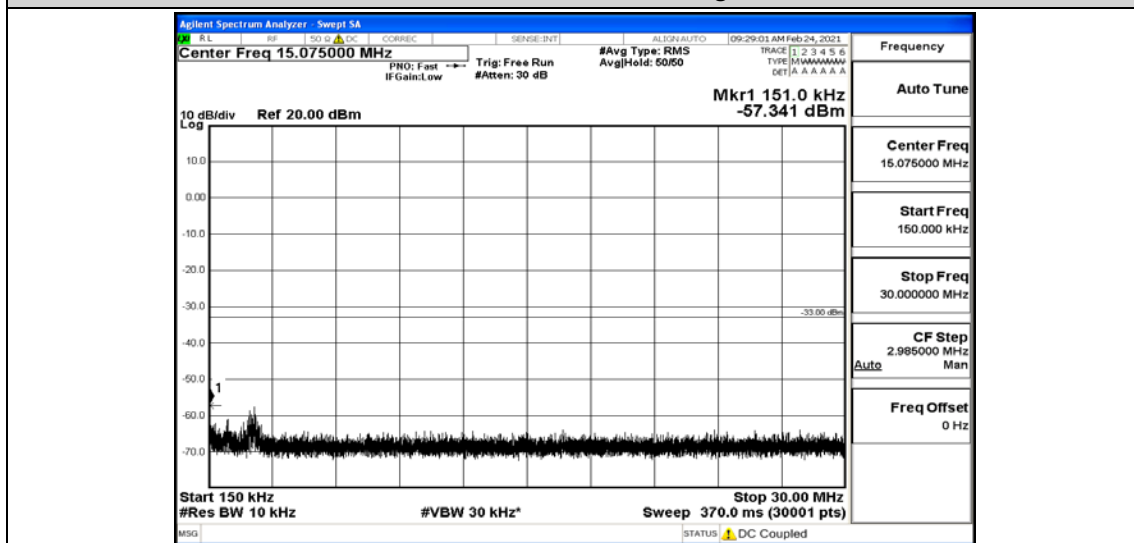
Band14-5MHz-16QAM-23305-1RB#0-Range6:12000~26500MHz



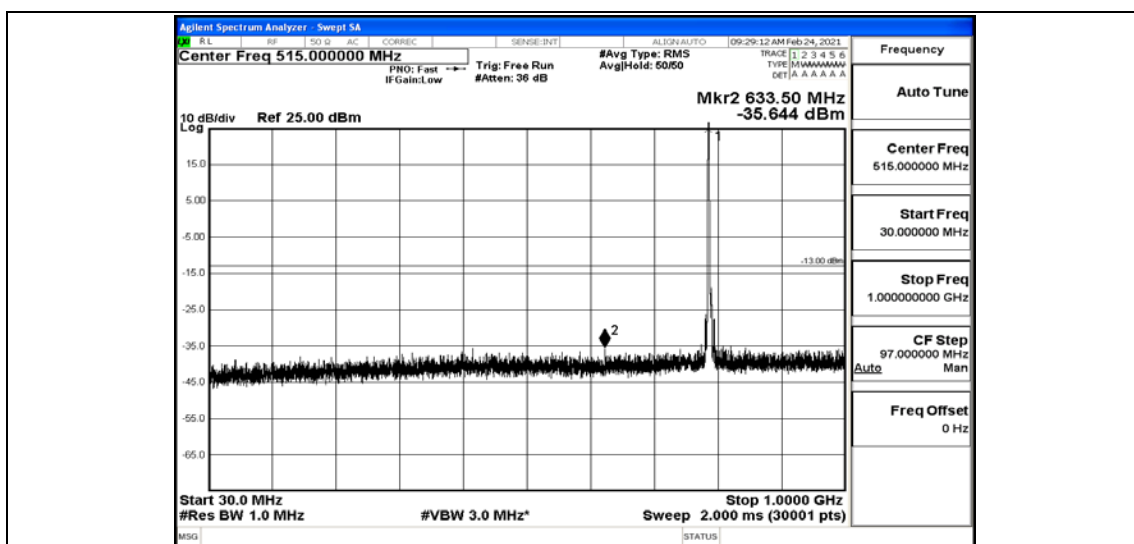
Band14-5MHz-16QAM-23330-1RB#0-Range1:0.009~0.15MHz



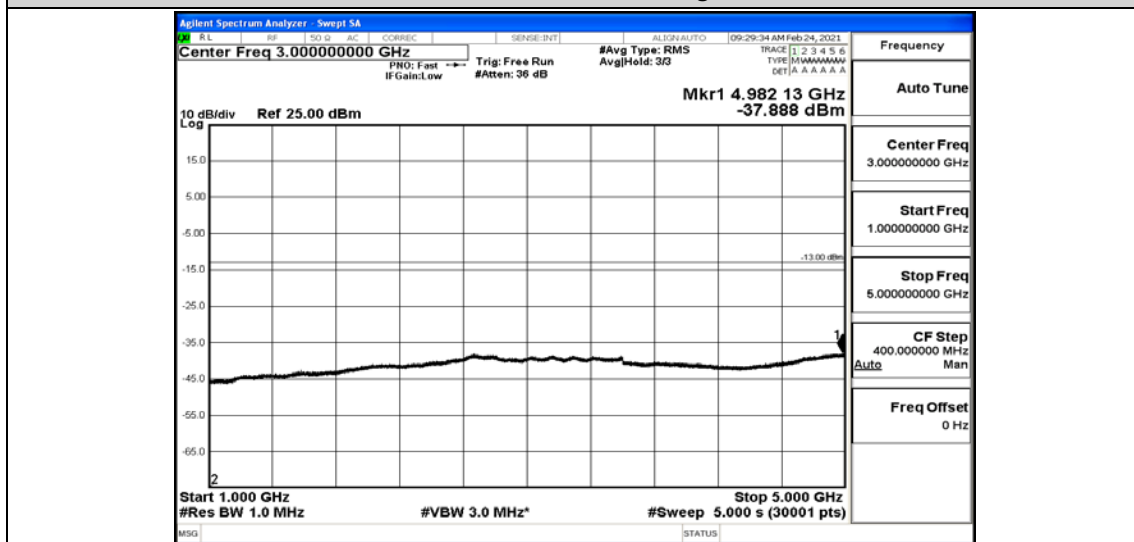
Band14-5MHz-16QAM-23330-1RB#0-Range2:0.15~30MHz



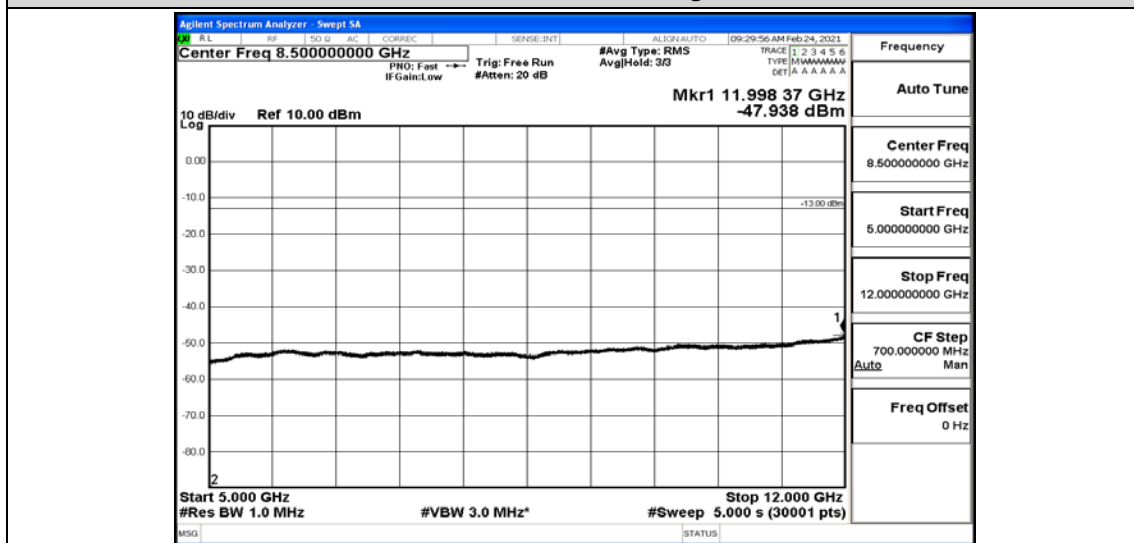
Band14-5MHz-16QAM-23330-1RB#0-Range3:30~1000MHz



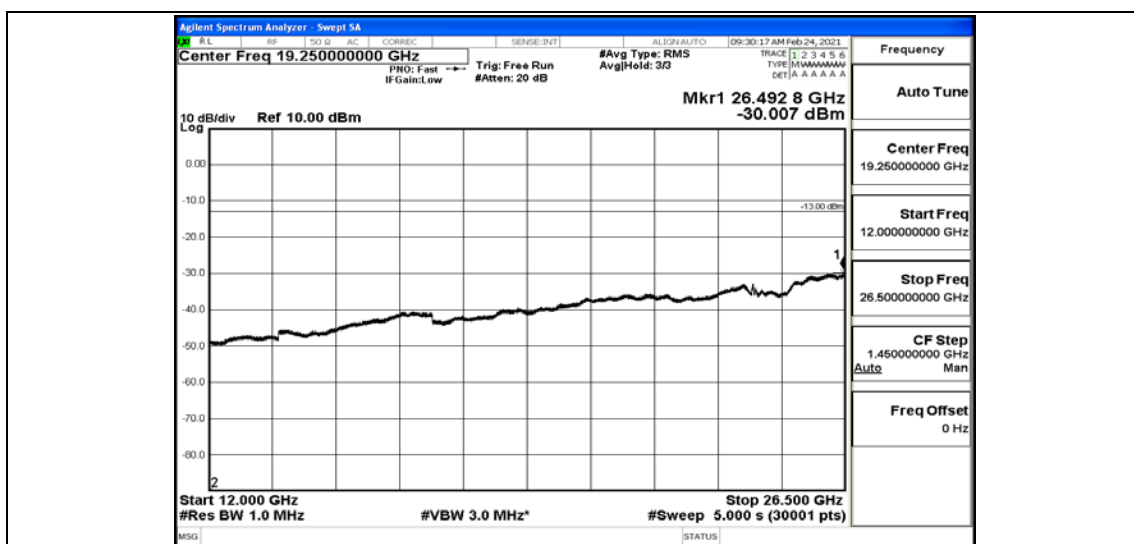
Band14-5MHz-16QAM-23330-1RB#0-Range4:1000~5000MHz



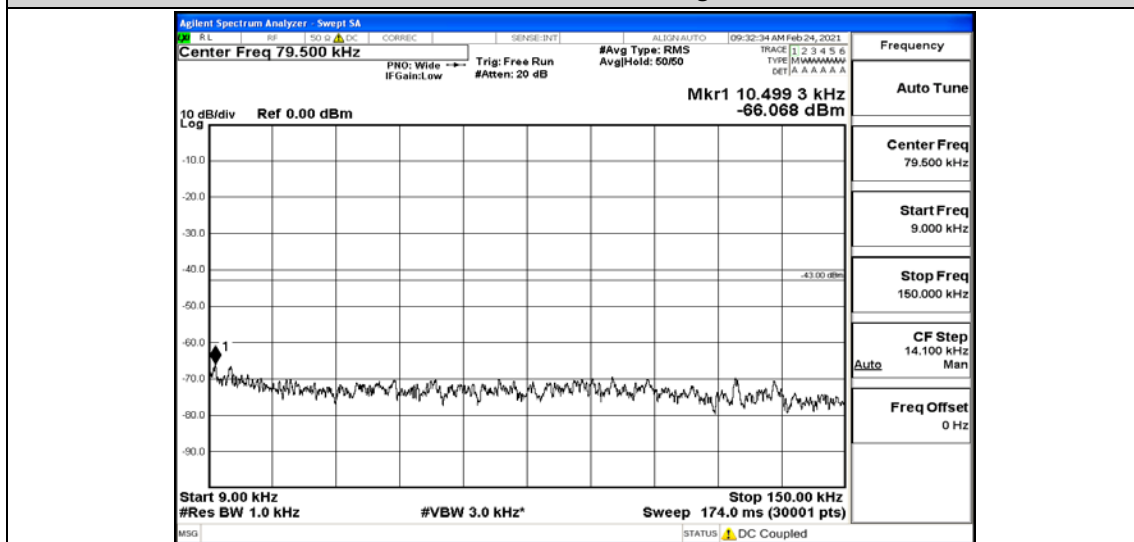
Band14-5MHz-16QAM-23330-1RB#0-Range5:5000~12000MHz



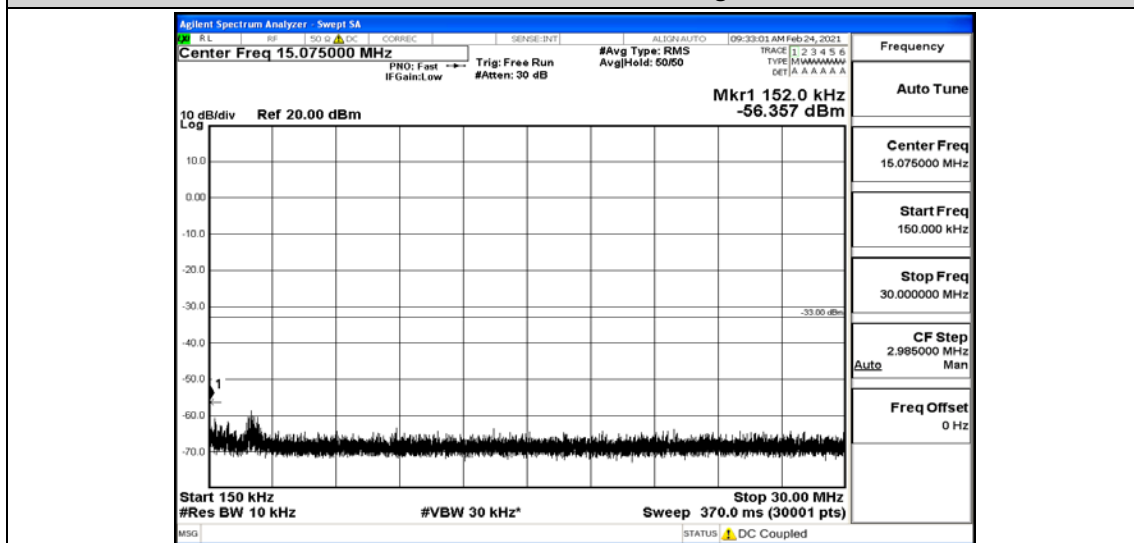
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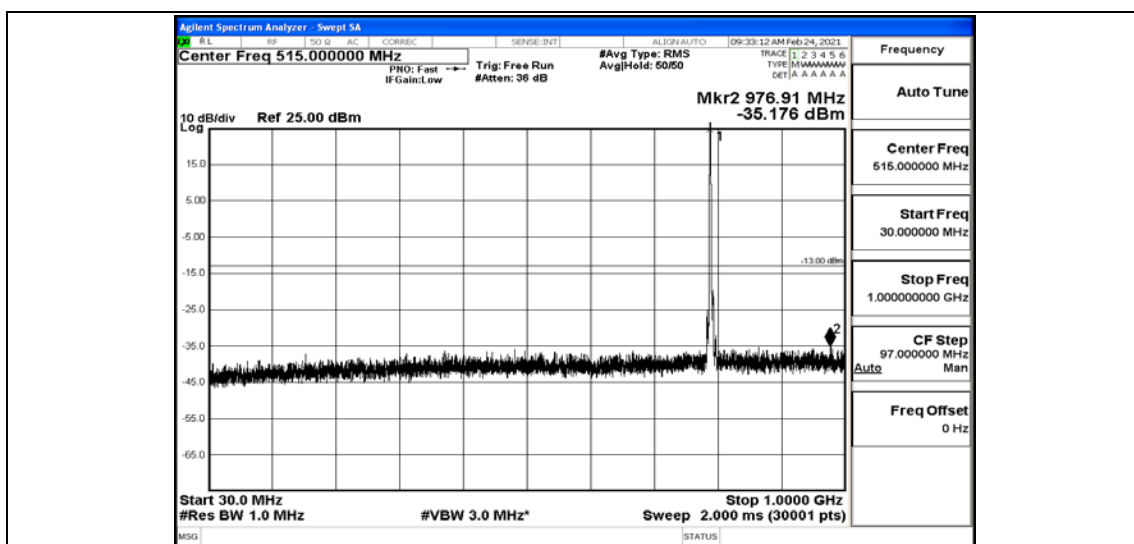
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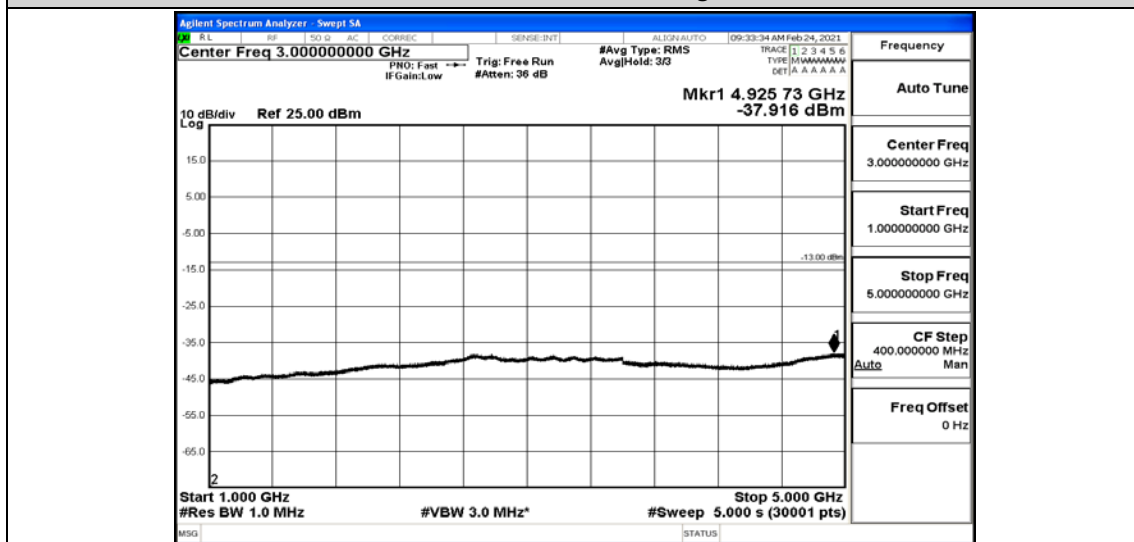
Band14-5MHz-16QAM-23355-1RB#0-Range2:0.15~30MHz



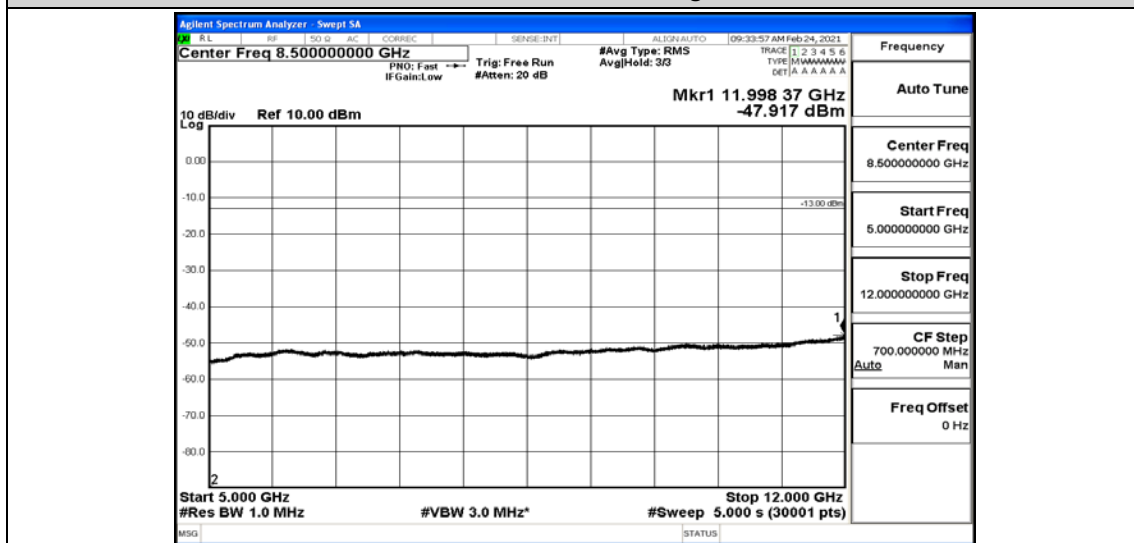
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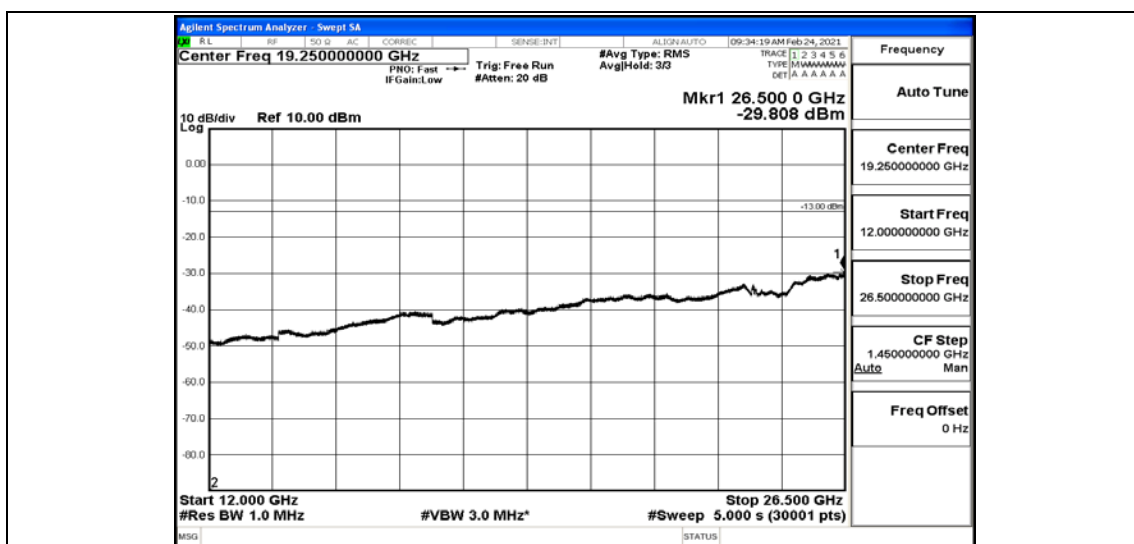
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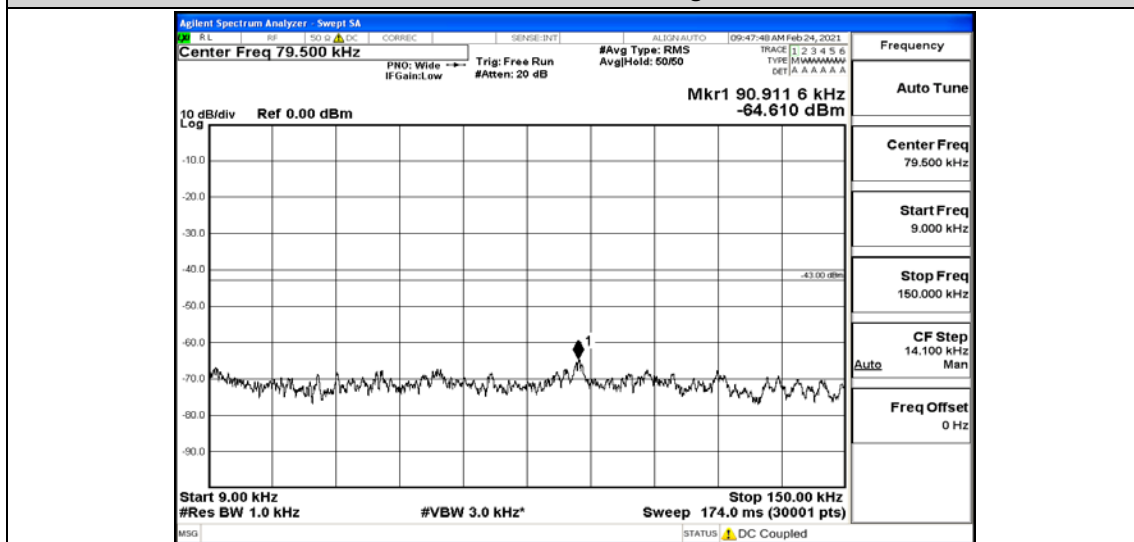
Band14-5MHz-16QAM-23355-1RB#0-Range5:5000~12000MHz



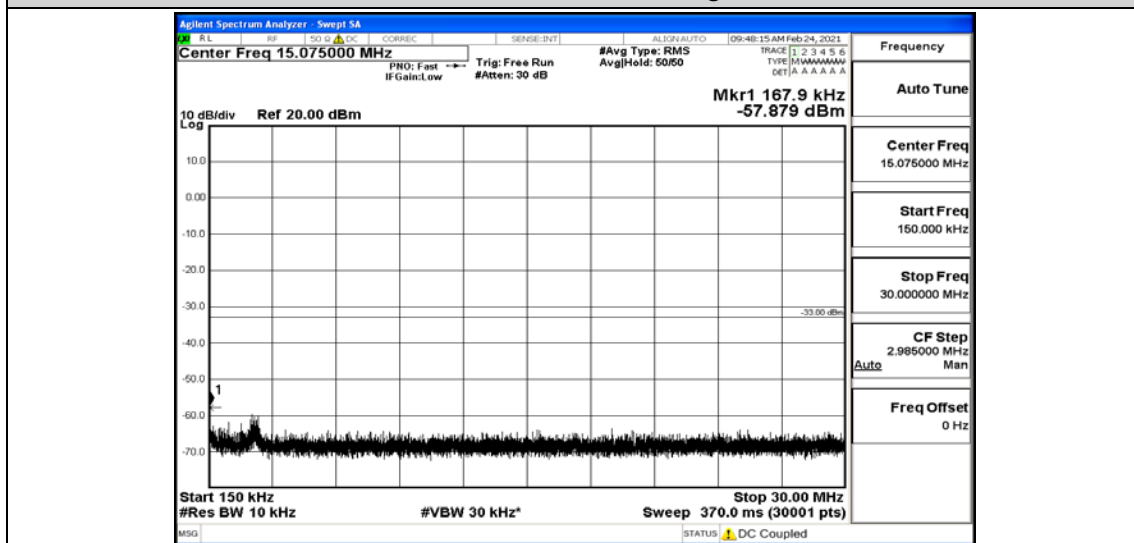
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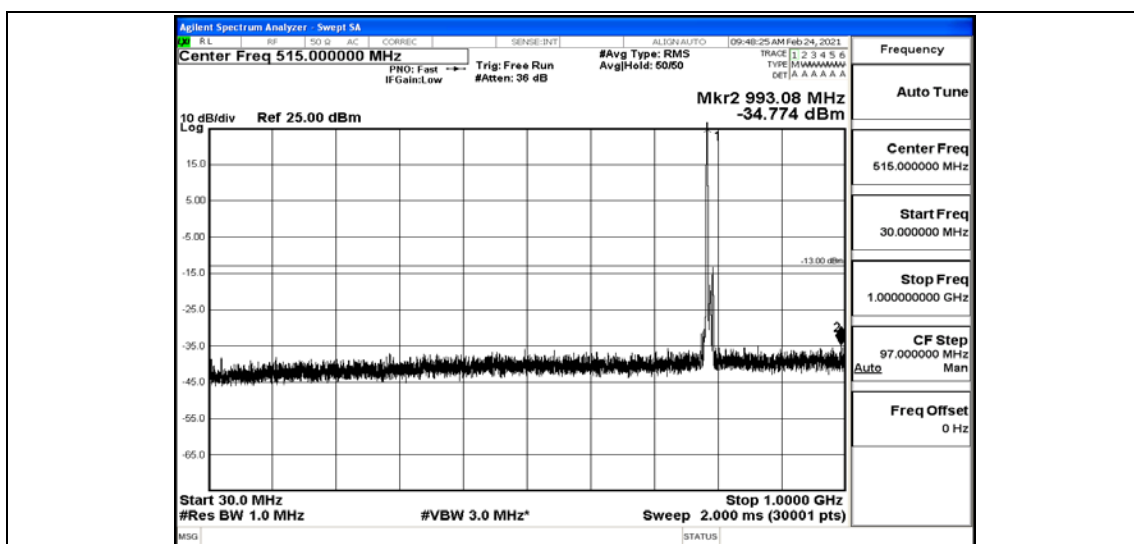
Band14-10MHz-QPSK-23330-1RB#0-Range1:0.009~0.15MHz



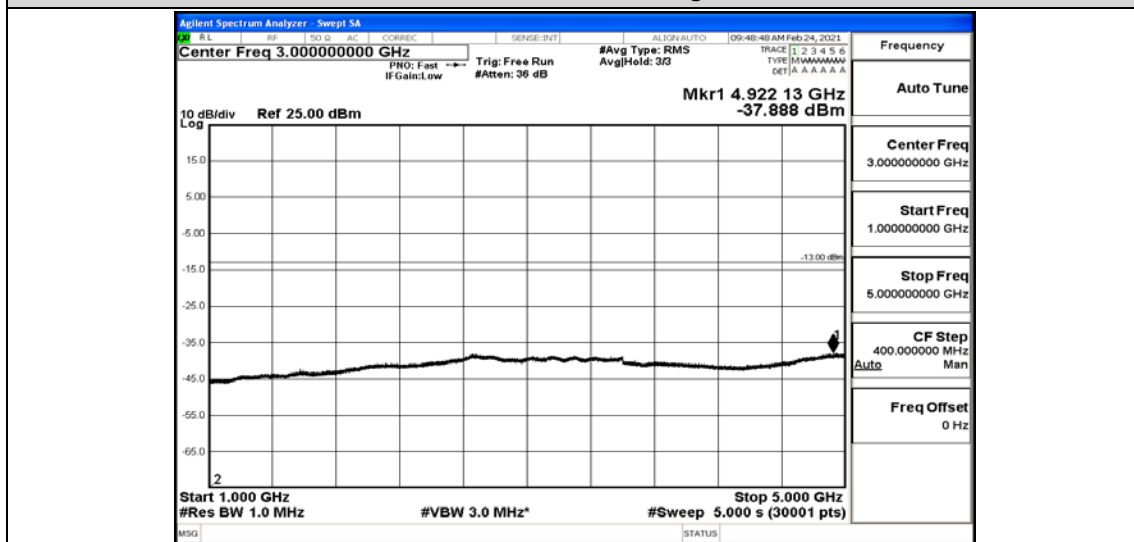
Band14-10MHz-QPSK-23330-1RB#0-Range2:0.15~30MHz



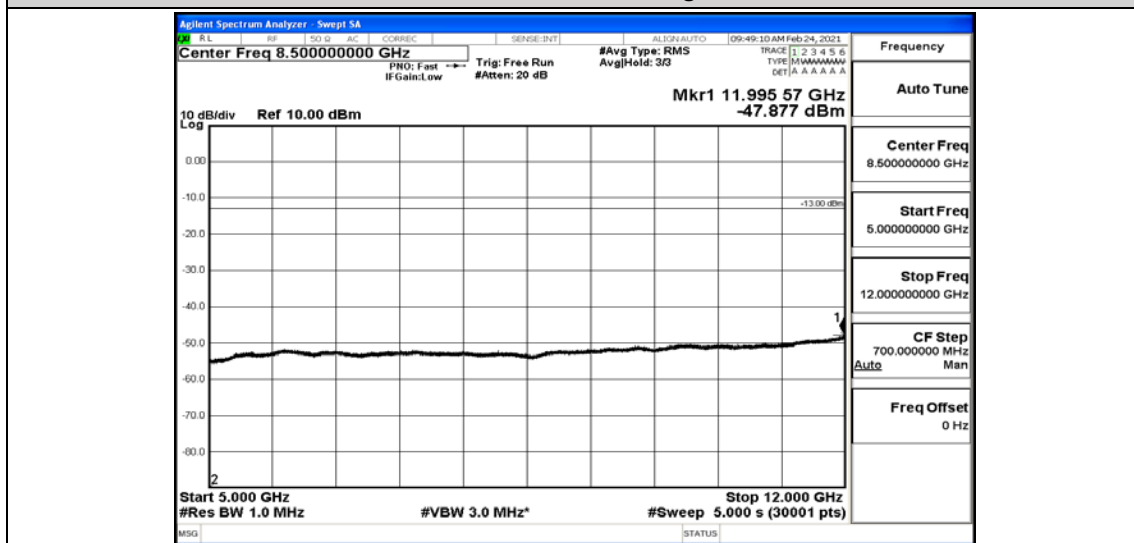
Band14-10MHz-QPSK-23330-1RB#0-Range3:30~1000MHz



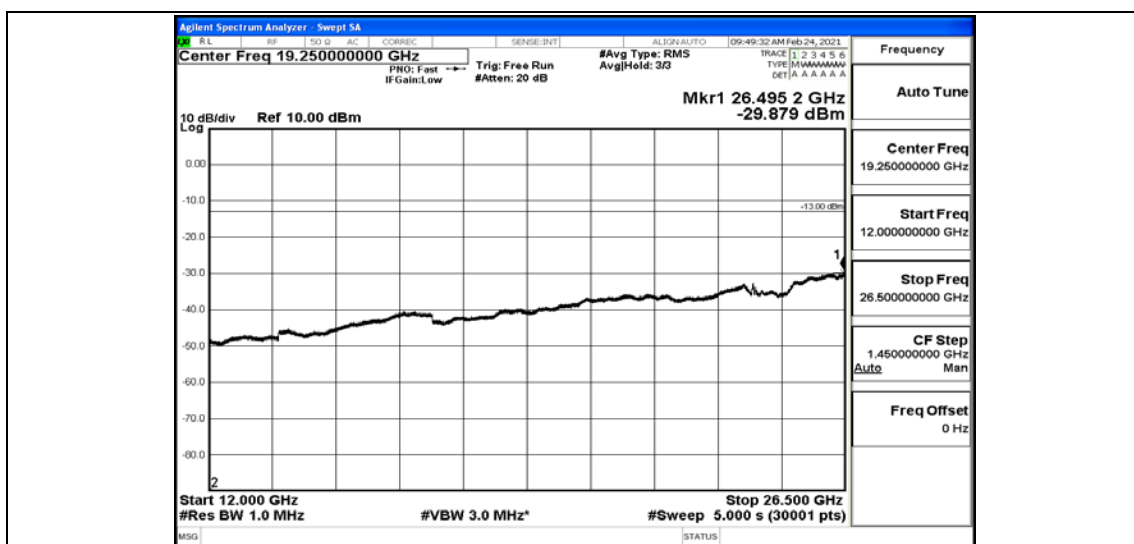
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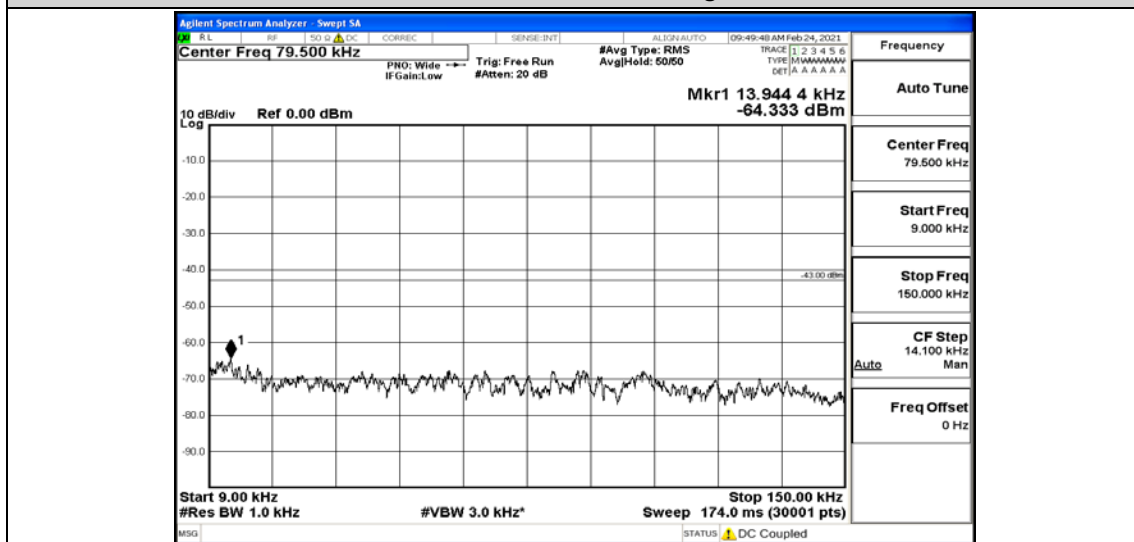
Band14-10MHz-QPSK-23330-1RB#0-Range5:5000~12000MHz



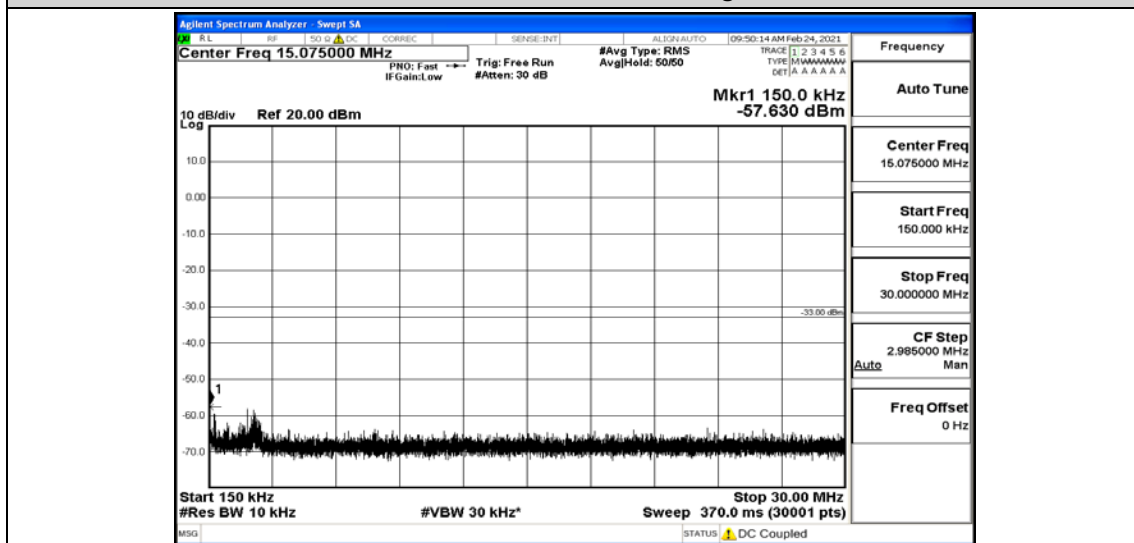
Band14-10MHz-QPSK-23330-1RB#0-Range6:12000~26500MHz



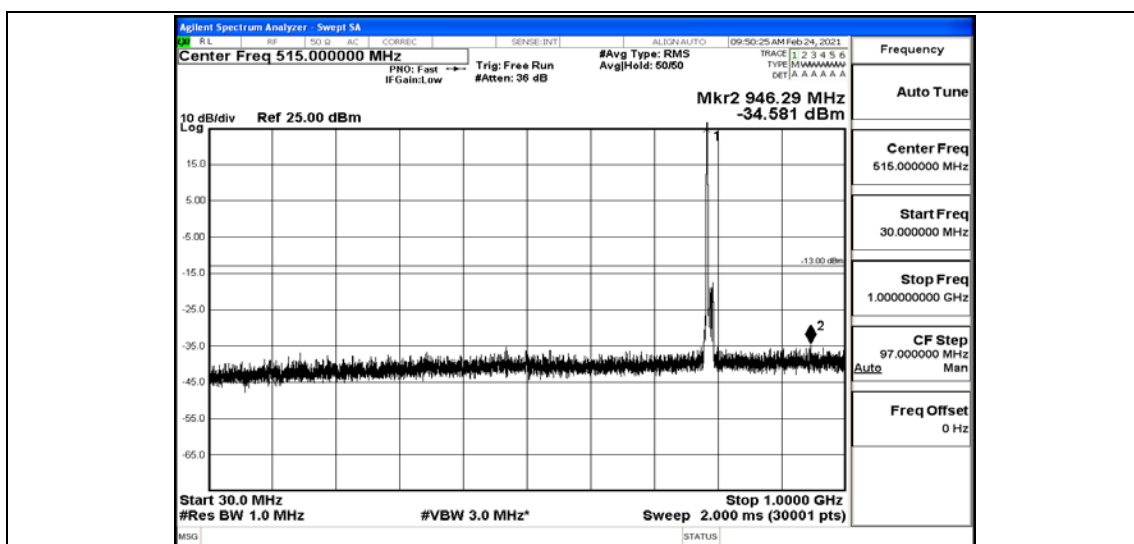
Band14-10MHz-16QAM-23330-1RB#0-Range1:0.009~0.15MHz



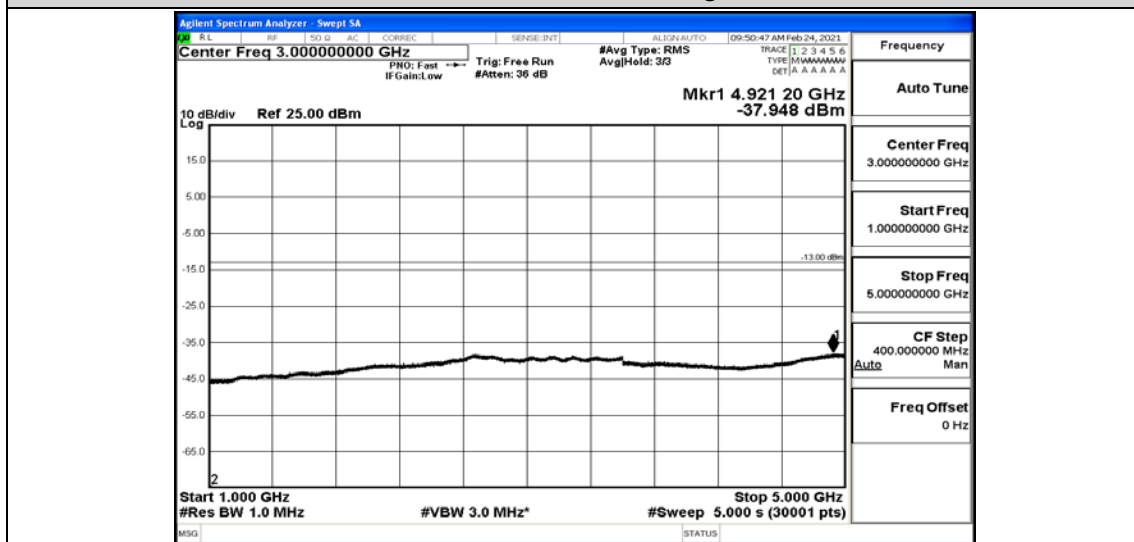
Band14-10MHz-16QAM-23330-1RB#0-Range2:0.15~30MHz



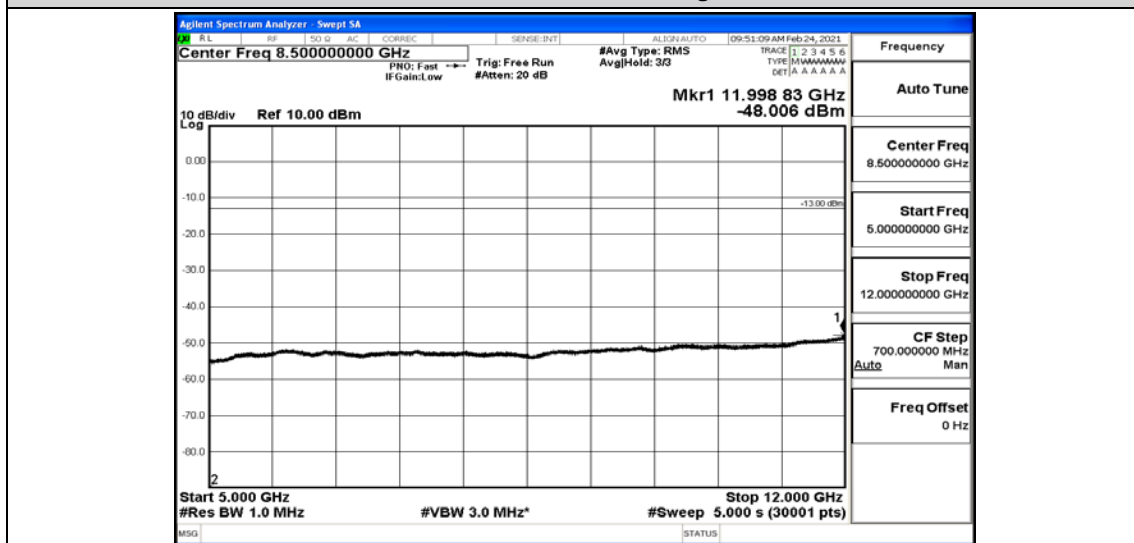
Band14-10MHz-16QAM-23330-1RB#0-Range3:30~1000MHz



Band14-10MHz-16QAM-23330-1RB#0-Range4:1000~5000MHz



Band14-10MHz-16QAM-23330-1RB#0-Range5:5000~12000MHz



Band14-10MHz-16QAM-23330-1RB#0-Range6:12000~26500MHz

