



Appendix A: Average Output Power Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.64	PASS
		1	12	21.66	PASS
		1	24	21.58	PASS
		12	0	20.72	PASS
		12	6	20.75	PASS
		12	13	20.63	PASS
		25	0	20.63	PASS
	MCH	1	0	21.56	PASS
		1	12	21.60	PASS
		1	24	21.58	PASS
		12	0	20.61	PASS
		12	6	20.66	PASS
		12	13	20.66	PASS
		25	0	20.66	PASS
	HCH	1	0	21.52	PASS
		1	12	21.54	PASS
		1	24	21.55	PASS
		12	0	20.55	PASS
		12	6	20.60	PASS
		12	13	20.59	PASS
		25	0	20.60	PASS
16QAM	LCH	1	0	20.95	PASS
		1	12	20.99	PASS
		1	24	20.92	PASS
		12	0	19.86	PASS
		12	6	19.89	PASS
		12	13	19.80	PASS
		25	0	19.72	PASS
	MCH	1	0	20.78	PASS
		1	12	20.83	PASS
		1	24	20.83	PASS
		12	0	19.69	PASS
		12	6	19.73	PASS

		12	13	19.72	PASS
		25	0	19.71	PASS
	HCH	1	0	20.84	PASS
		1	12	20.84	PASS
		1	24	20.83	PASS
		12	0	19.70	PASS
		12	6	19.75	PASS
		12	13	19.71	PASS
		25	0	19.69	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.67	PASS
		1	24	21.59	PASS
		1	49	21.53	PASS
		25	0	20.65	PASS
		25	12	20.66	PASS
		25	25	20.64	PASS
		50	0	20.63	PASS
	MCH	1	0	21.72	PASS
		1	24	21.61	PASS
		1	49	21.69	PASS
		25	0	20.68	PASS
		25	12	20.71	PASS
		25	25	20.70	PASS
		50	0	20.69	PASS
	HCH	1	0	21.54	PASS
		1	24	21.55	PASS
		1	49	21.60	PASS
		25	0	20.57	PASS
		25	12	20.61	PASS
		25	25	20.63	PASS
		50	0	20.61	PASS
16QAM	LCH	1	0	20.93	PASS
		1	24	20.92	PASS
		1	49	20.94	PASS
		25	0	19.75	PASS
		25	12	19.79	PASS
		25	25	19.78	PASS
		50	0	19.77	PASS

	MCH	1	0	20.89	PASS
		1	24	20.82	PASS
		1	49	20.96	PASS
		25	0	19.74	PASS
		25	12	19.75	PASS
		25	25	19.77	PASS
		50	0	19.76	PASS
	HCH	1	0	20.92	PASS
		1	24	20.91	PASS
		1	49	20.87	PASS
		25	0	19.70	PASS
		25	12	19.76	PASS
		25	25	19.70	PASS
		50	0	19.68	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.71	PASS
		1	37	21.57	PASS
		1	74	21.71	PASS
		36	0	20.67	PASS
		36	19	20.73	PASS
		36	39	20.72	PASS
		75	0	20.69	PASS
	MCH	1	0	21.75	PASS
		1	37	21.62	PASS
		1	74	21.74	PASS
		36	0	20.67	PASS
		36	19	20.73	PASS
		36	39	20.72	PASS
		75	0	20.69	PASS
	HCH	1	0	21.69	PASS
		1	37	21.58	PASS
		1	74	21.66	PASS
		36	0	20.73	PASS
		36	19	20.76	PASS
		36	39	20.65	PASS
		75	0	20.74	PASS
16QAM	LCH	1	0	21.04	PASS
		1	37	20.97	PASS

		1	74	21.15	PASS
		36	0	19.85	PASS
		36	19	19.86	PASS
		36	39	19.87	PASS
		75	0	19.87	PASS
	MCH	1	0	20.95	PASS
		1	37	20.90	PASS
		1	74	21.03	PASS
		36	0	19.75	PASS
		36	19	19.80	PASS
		36	39	19.85	PASS
		75	0	19.77	PASS
	HCH	1	0	21.11	PASS
		1	37	21.00	PASS
		1	74	20.94	PASS
		36	0	19.88	PASS
		36	19	19.90	PASS
		36	39	19.75	PASS
		75	0	19.85	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.69	PASS
		1	49	21.54	PASS
		1	99	21.66	PASS
		50	0	20.67	PASS
		50	25	20.70	PASS
		50	50	20.68	PASS
		100	0	20.67	PASS
	MCH	1	0	21.69	PASS
		1	49	21.62	PASS
		1	99	21.72	PASS
		50	0	20.70	PASS
		50	25	20.75	PASS
		50	50	20.78	PASS
		100	0	20.74	PASS
	HCH	1	0	21.67	PASS
		1	49	21.60	PASS
		1	99	21.62	PASS
		50	0	20.71	PASS



		50	25	20.76	PASS
		50	50	20.65	PASS
		100	0	20.76	PASS
16QAM	LCH	1	0	20.99	PASS
		1	49	20.91	PASS
		1	99	20.90	PASS
		50	0	19.77	PASS
		50	25	19.80	PASS
		50	50	19.83	PASS
		100	0	19.82	PASS
	MCH	1	0	20.94	PASS
		1	49	20.89	PASS
		1	99	21.11	PASS
		50	0	19.75	PASS
		50	25	19.82	PASS
		50	50	19.85	PASS
		100	0	19.81	PASS
	HCH	1	0	21.09	PASS
		1	49	20.94	PASS
		1	99	20.90	PASS
		50	0	19.85	PASS
		50	25	19.87	PASS
		50	50	19.73	PASS
		100	0	19.88	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.39	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.01	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.57	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.80	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.32	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.13	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.37	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	2.91	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.67	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.78	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.27	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.39	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.37	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	2.93	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.76	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.78	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.26	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.51	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.39	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.02	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.81	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.86	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.35	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.42	13	PASS



Test Graphs

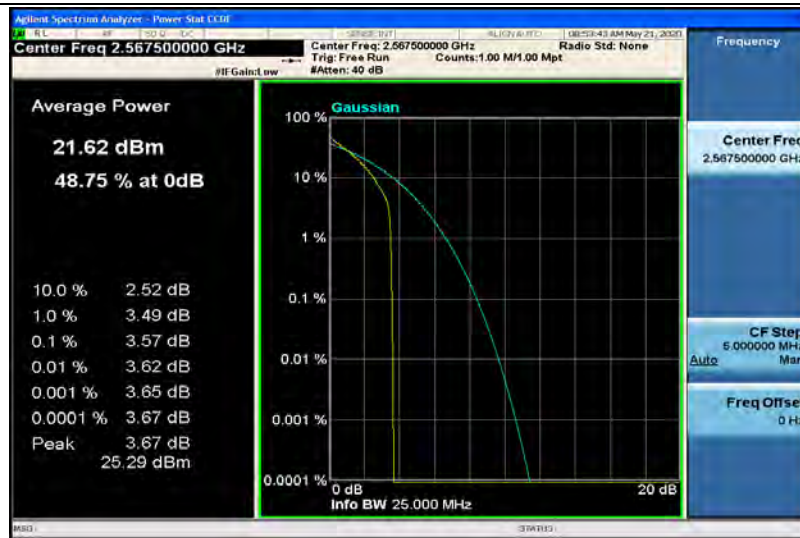
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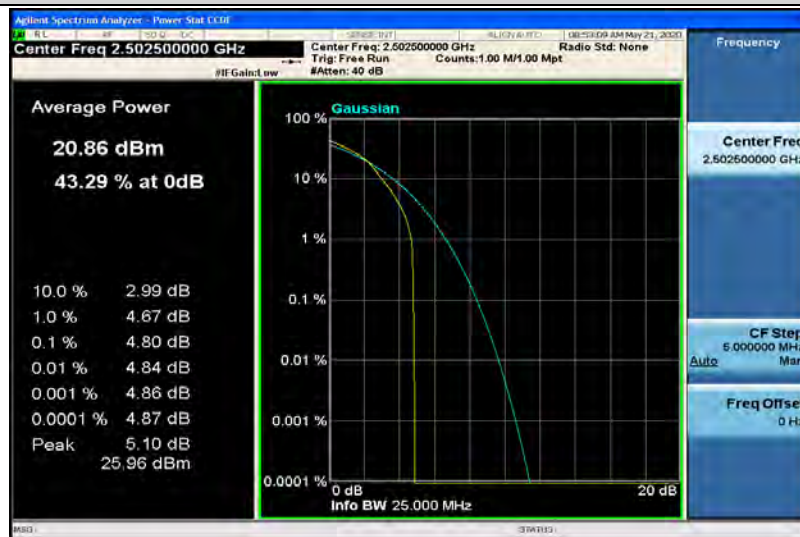
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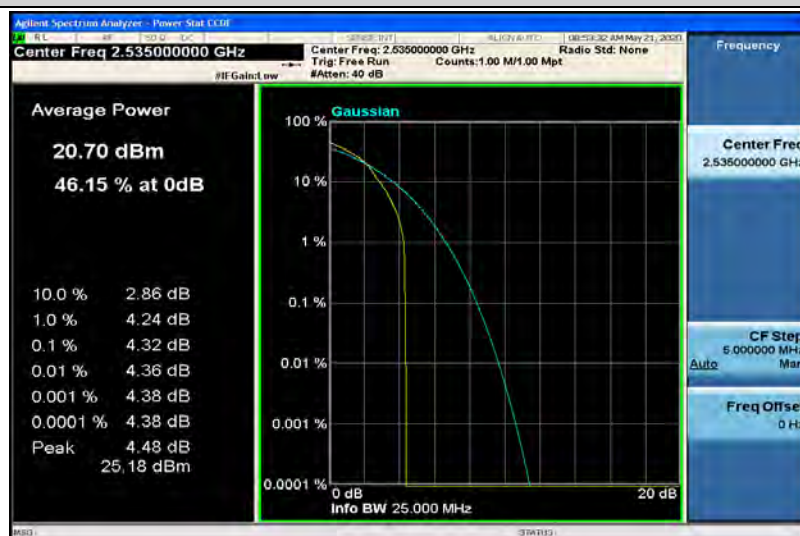
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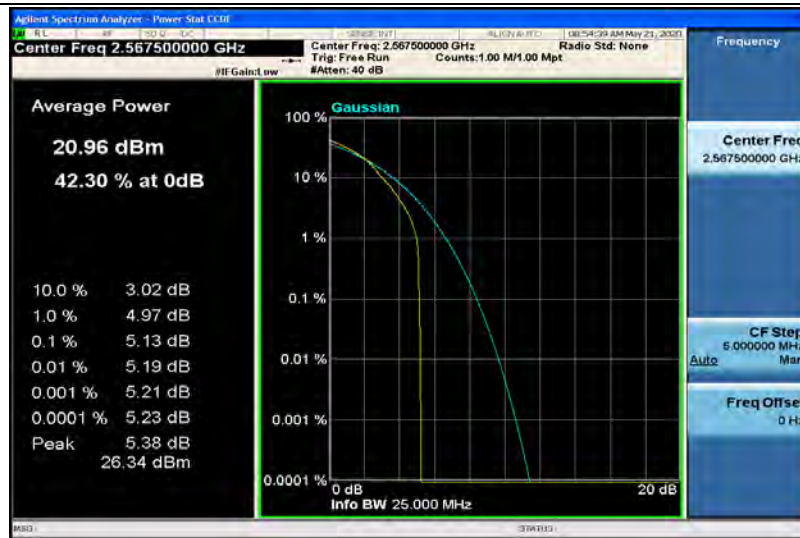
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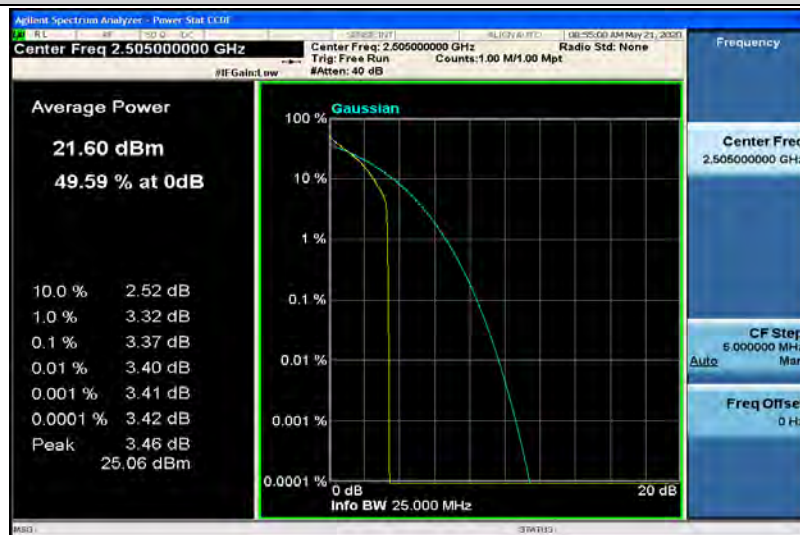
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Band7-5MHz-16QAM-21425-1RB#0



Band7-10MHz-QPSK-20800-1RB#0



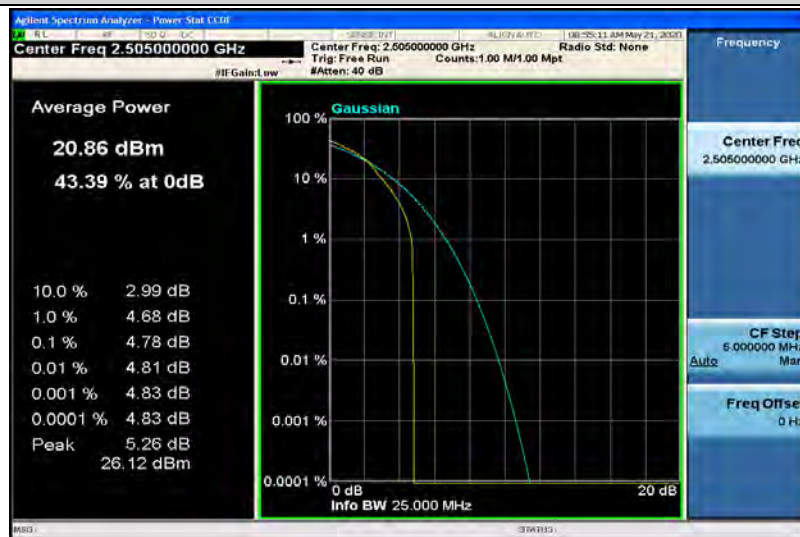
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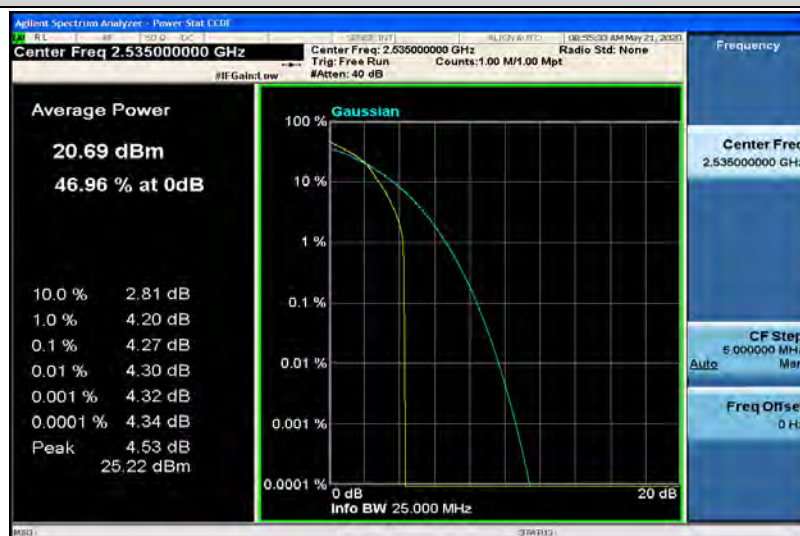
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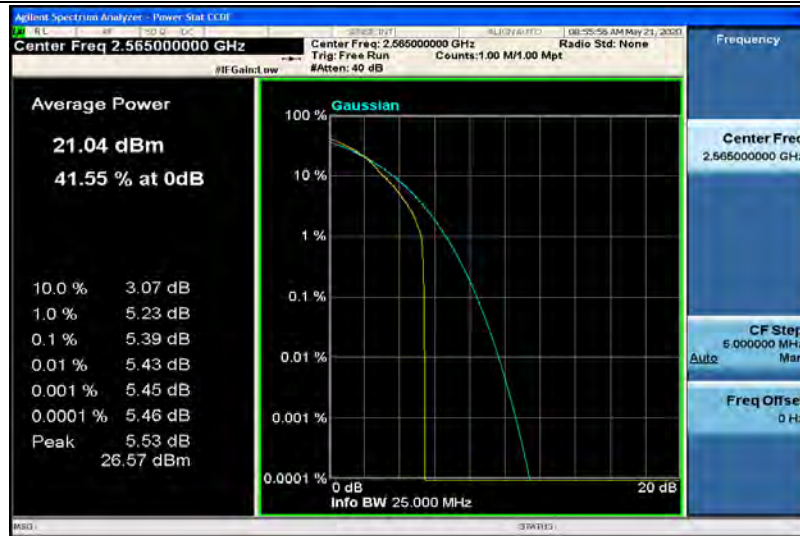
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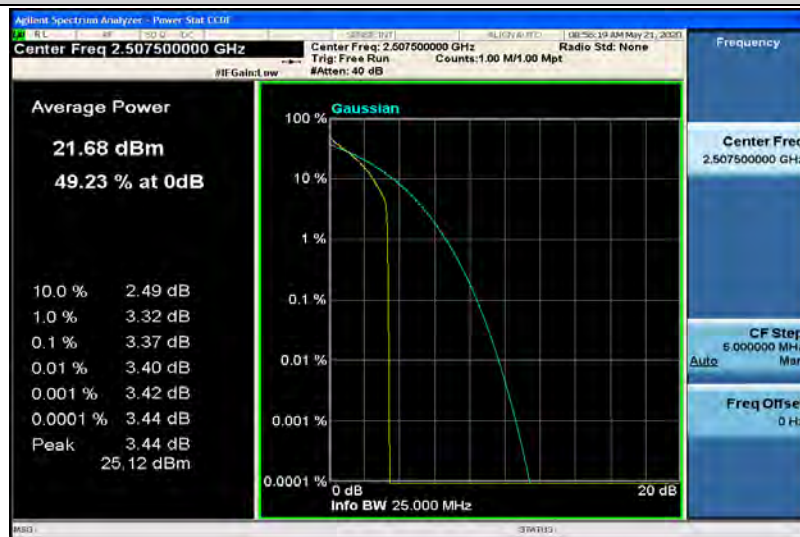
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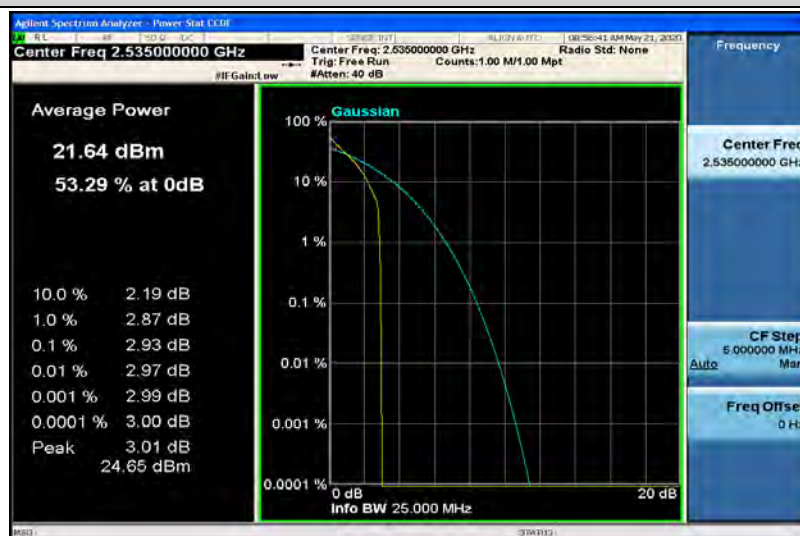
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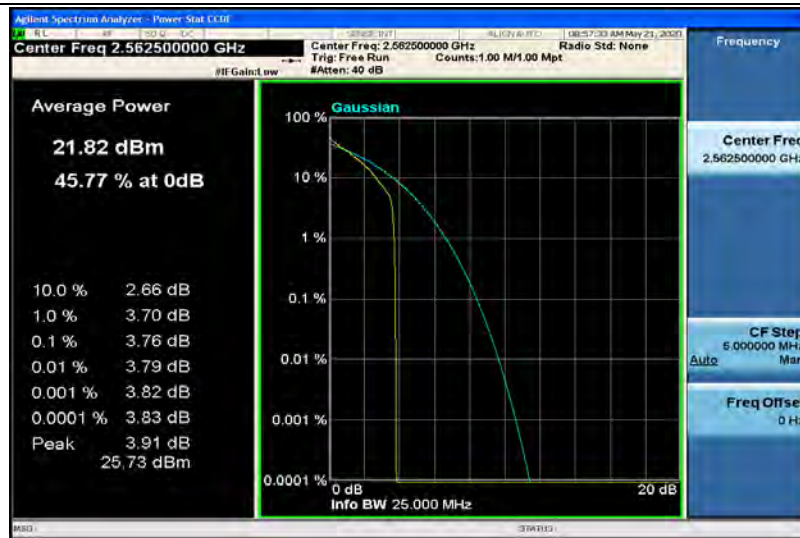
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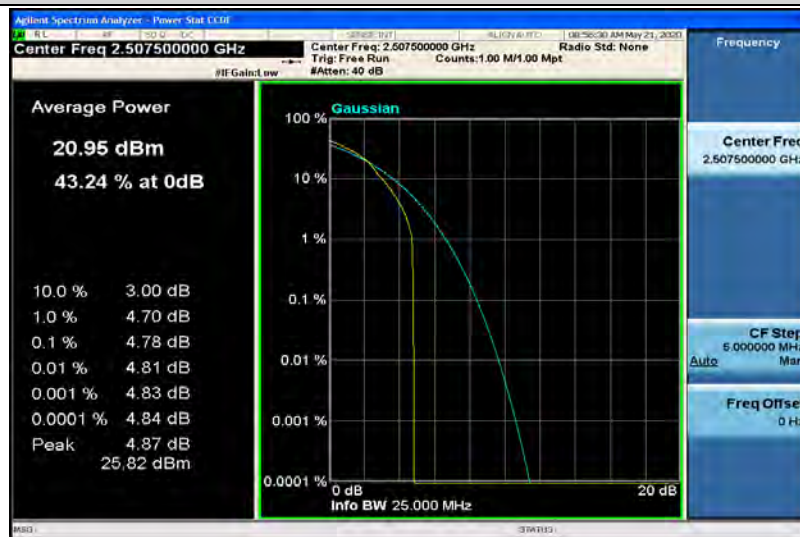
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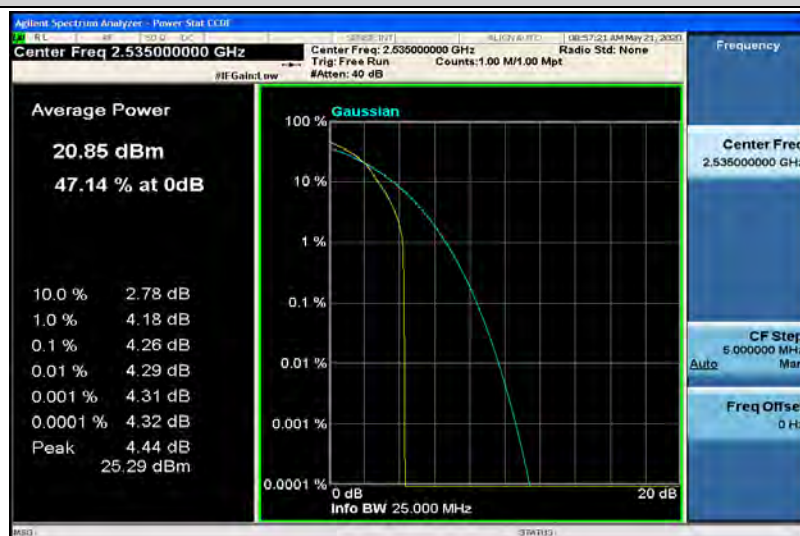
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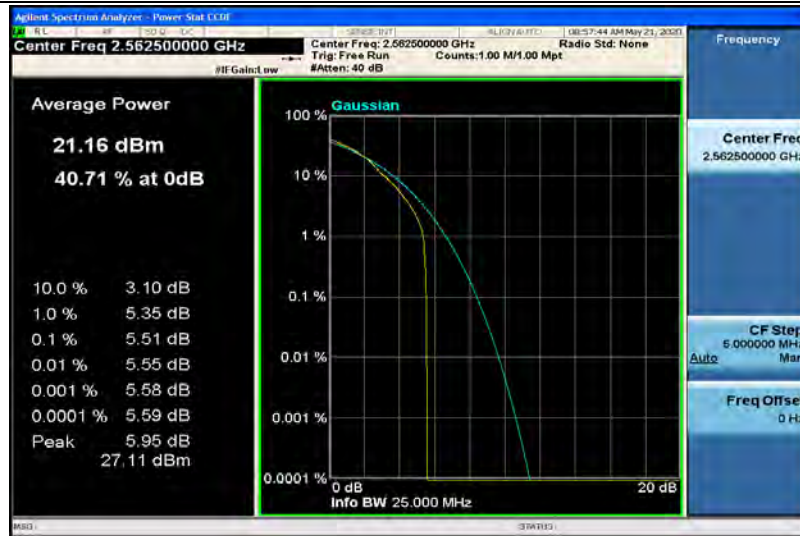
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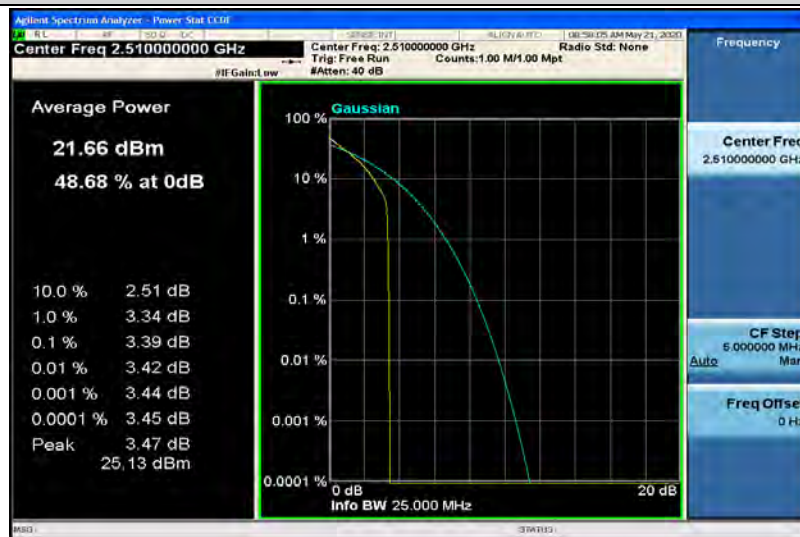
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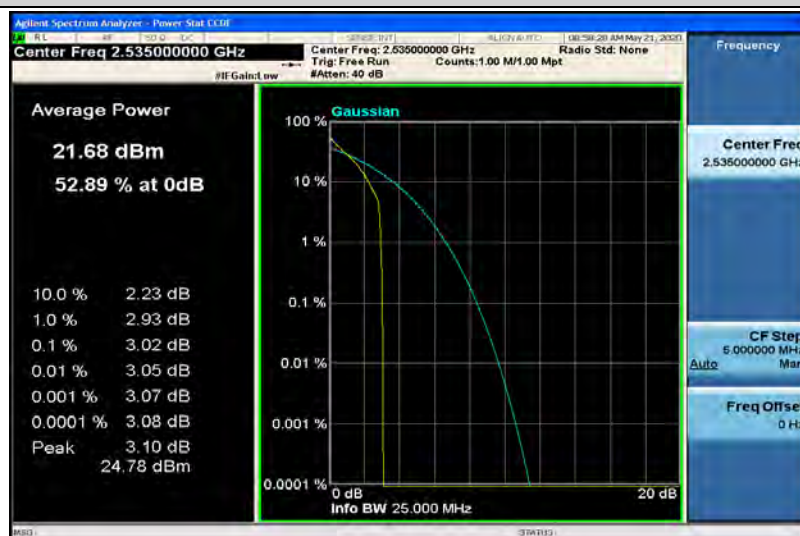
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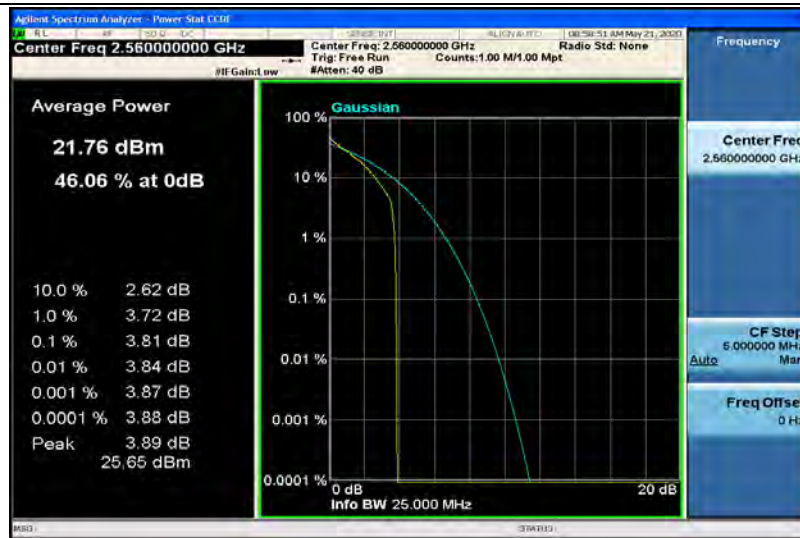
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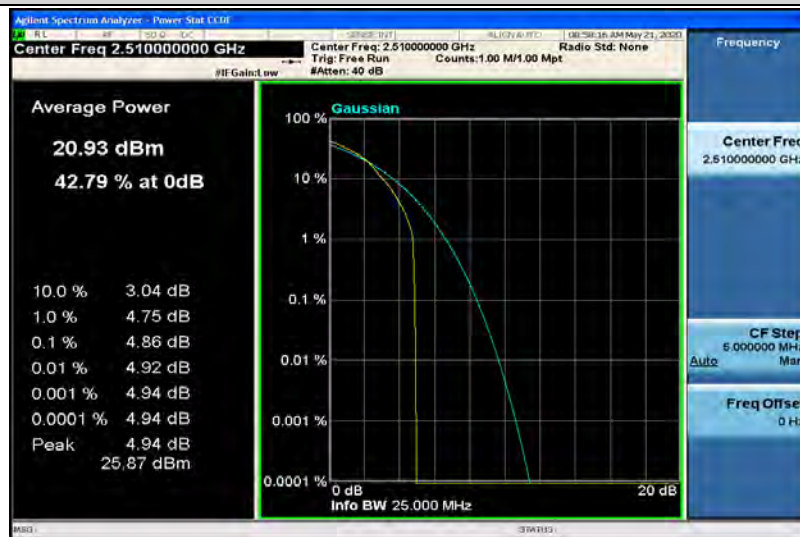
Band7-20MHz-QPSK-21100-1RB#0



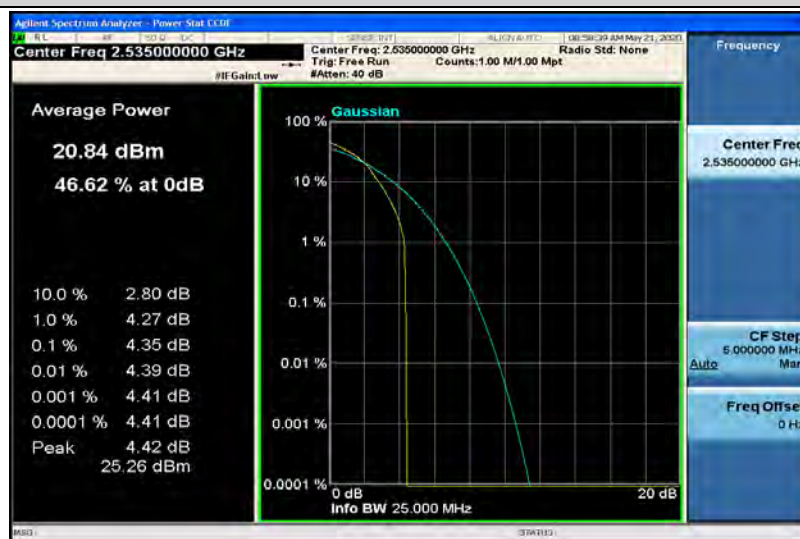
Band7-20MHz-QPSK-21350-1RB#0



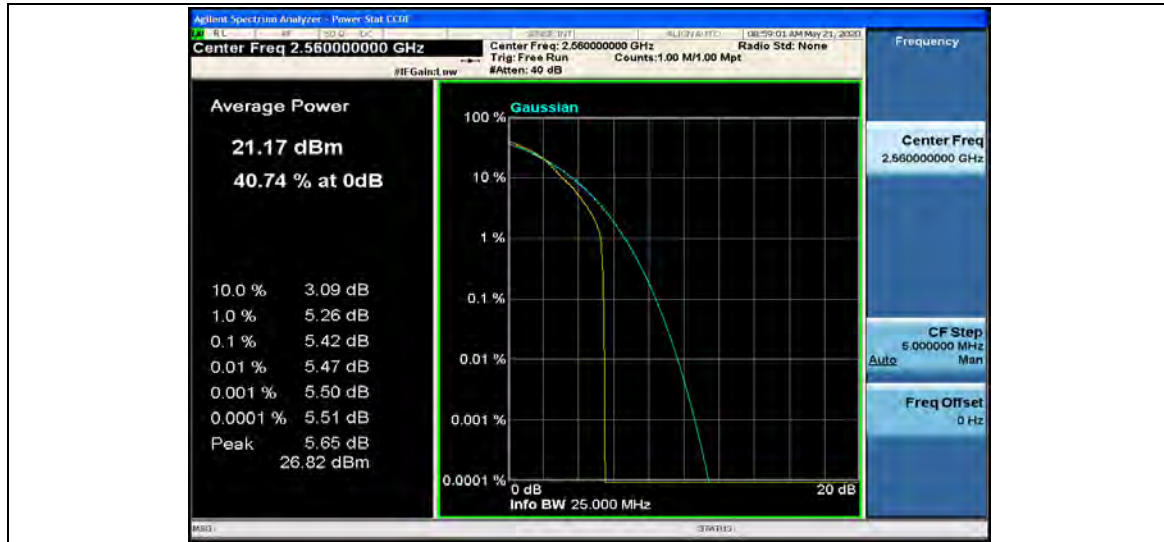
Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-21100-1RB#0



Band7-20MHz-16QAM-21350-1RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

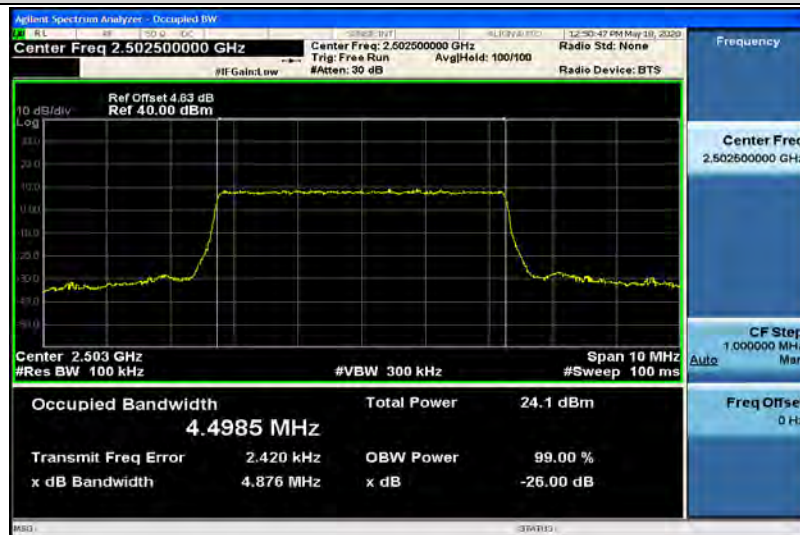
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4985	4.876	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4984	4.866	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4972	4.862	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5110	4.895	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5070	4.889	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5141	4.873	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9694	9.612	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9734	9.515	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9771	9.544	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9857	9.583	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9954	9.566	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9770	9.547	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.448	14.29	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.449	14.29	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.462	14.28	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.441	14.26	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.443	14.23	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.450	14.25	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.893	19.01	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.891	18.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.896	18.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.897	18.97	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.903	18.97	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.916	18.96	PASS

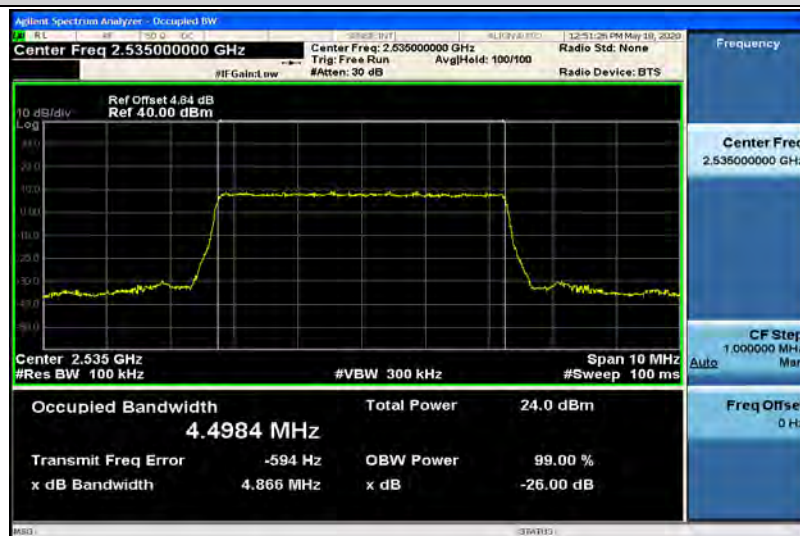


Test Graphs

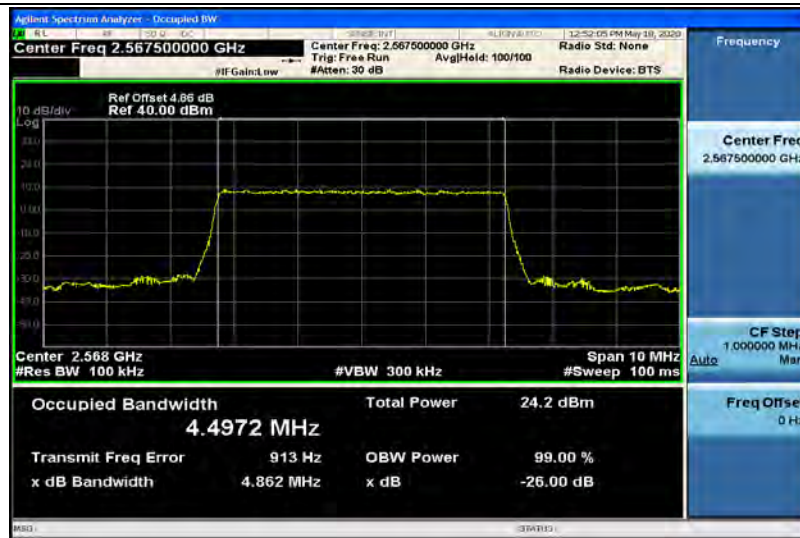
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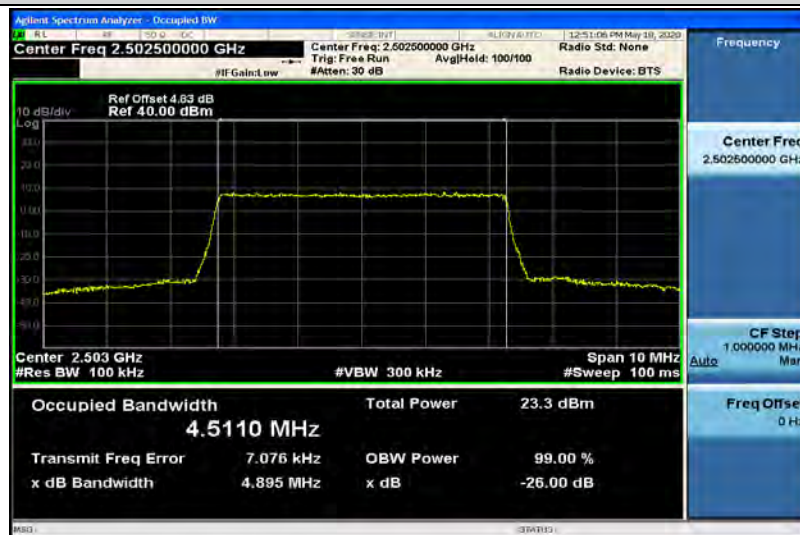
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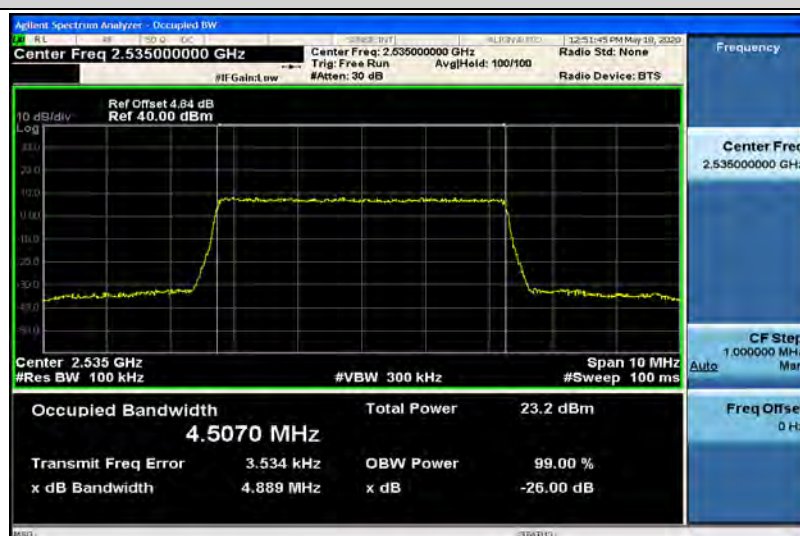
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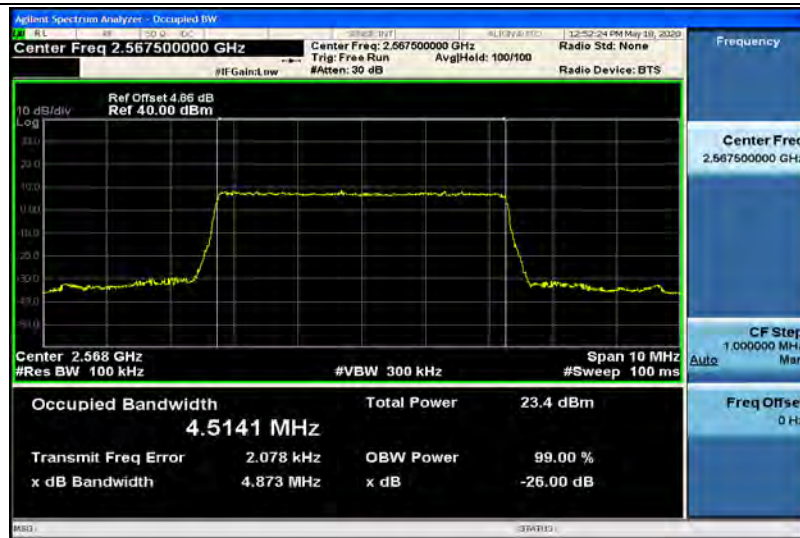
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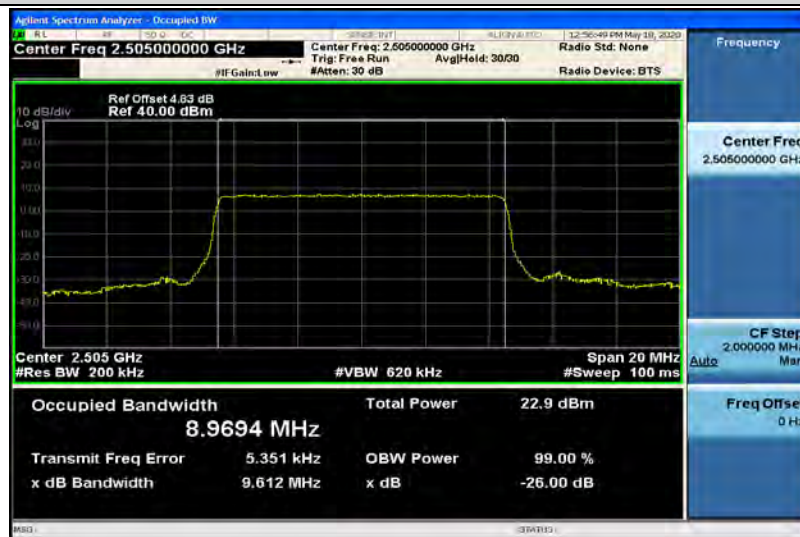
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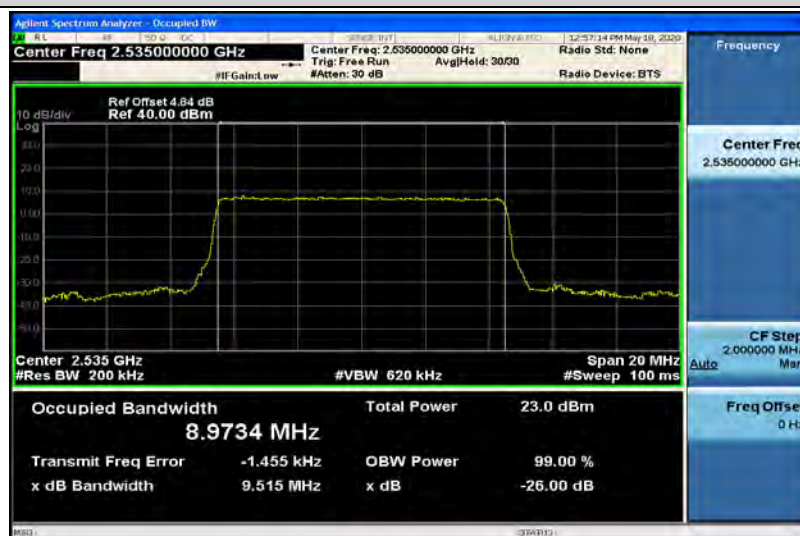
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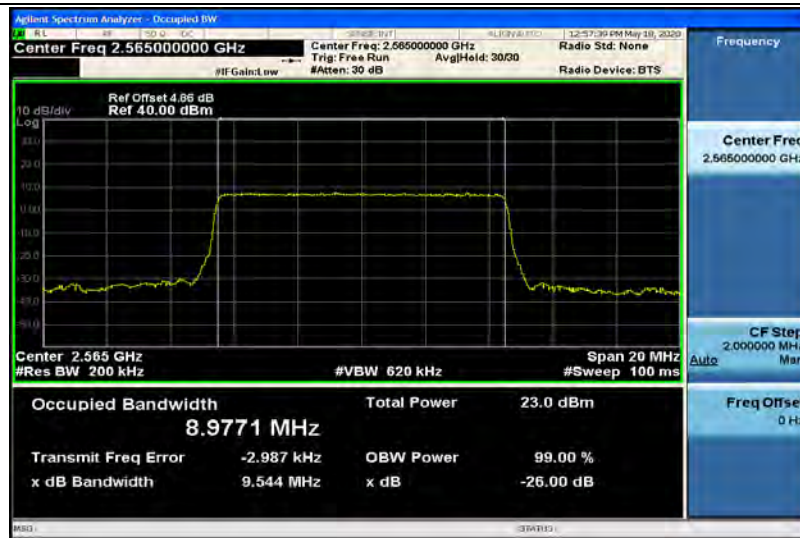
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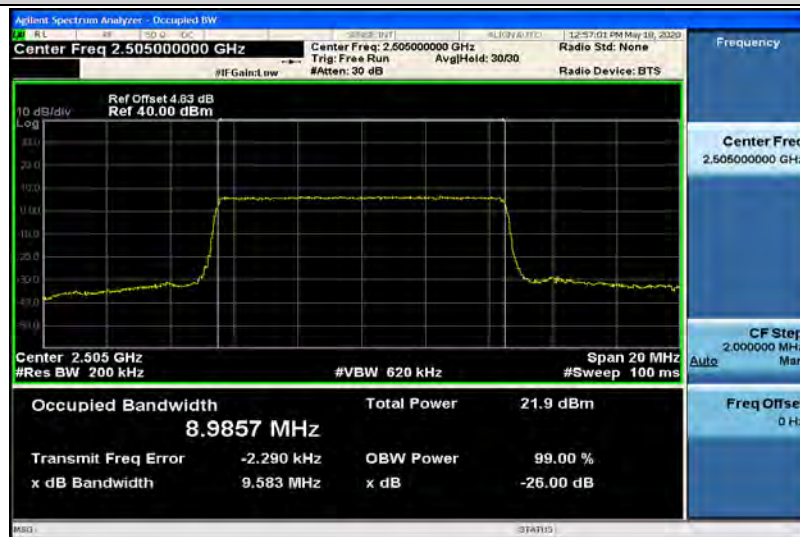
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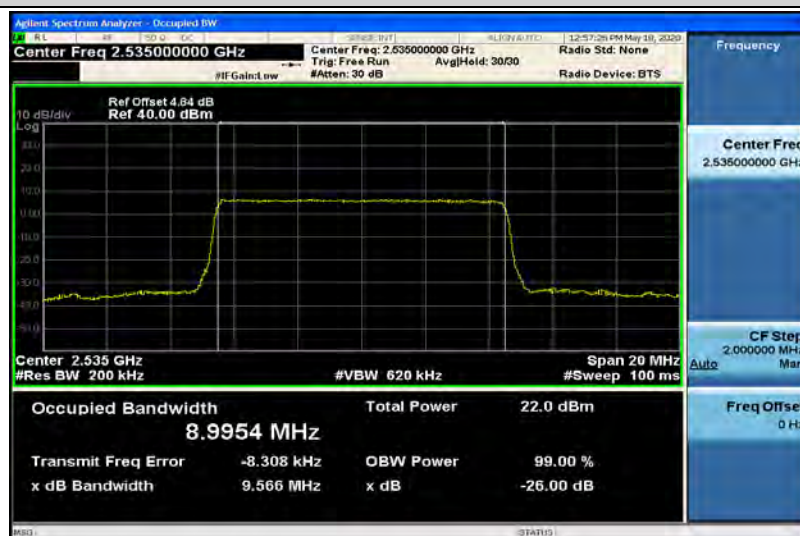
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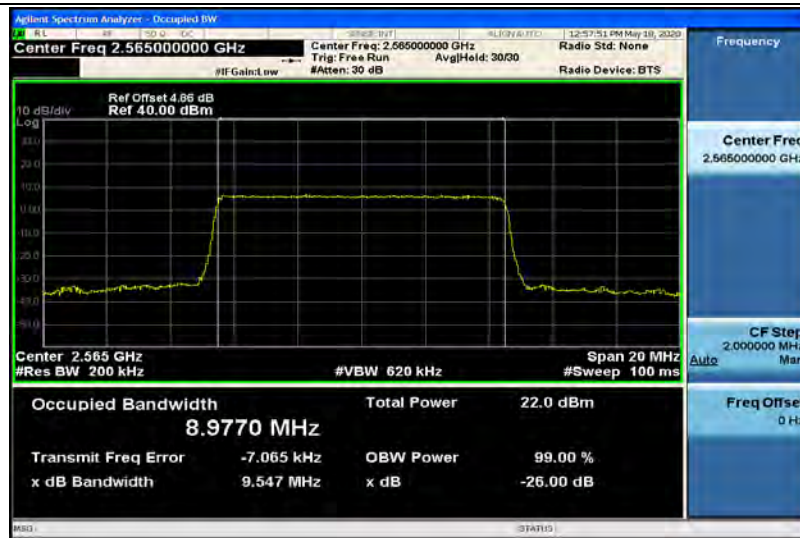
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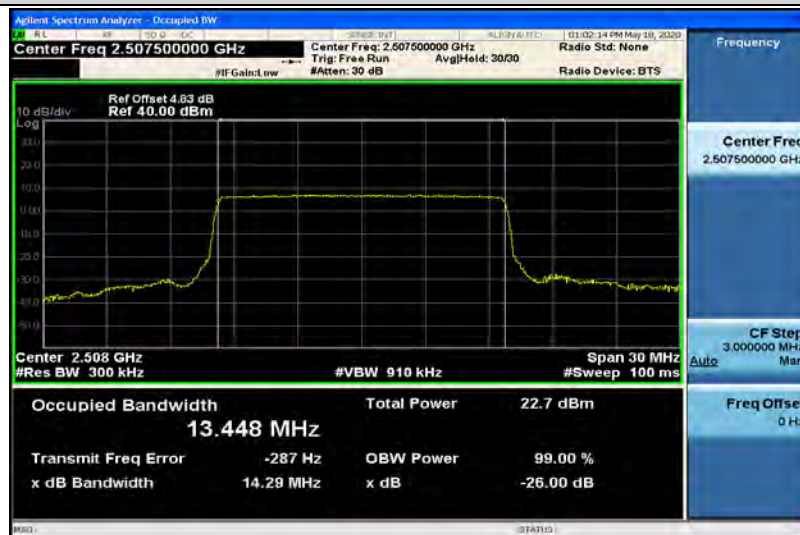
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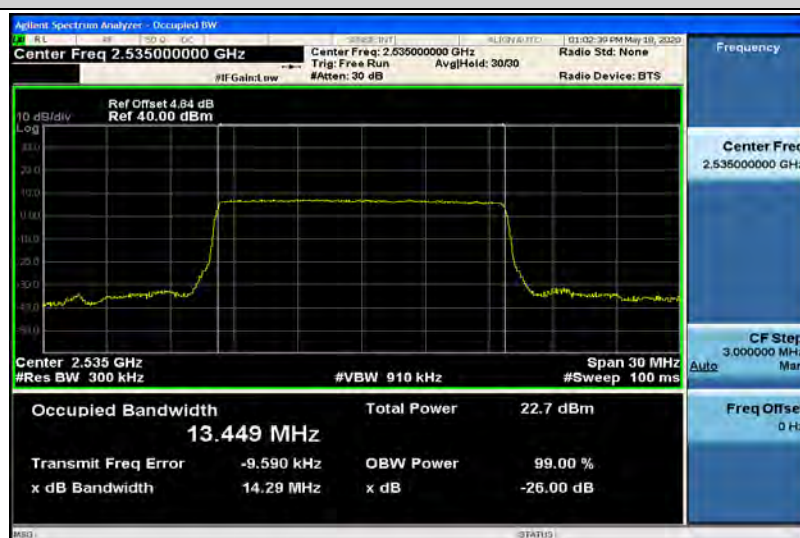
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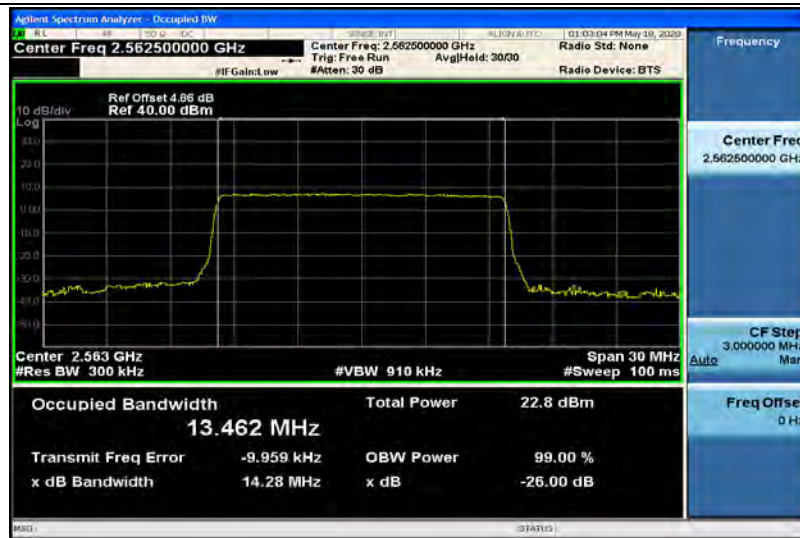
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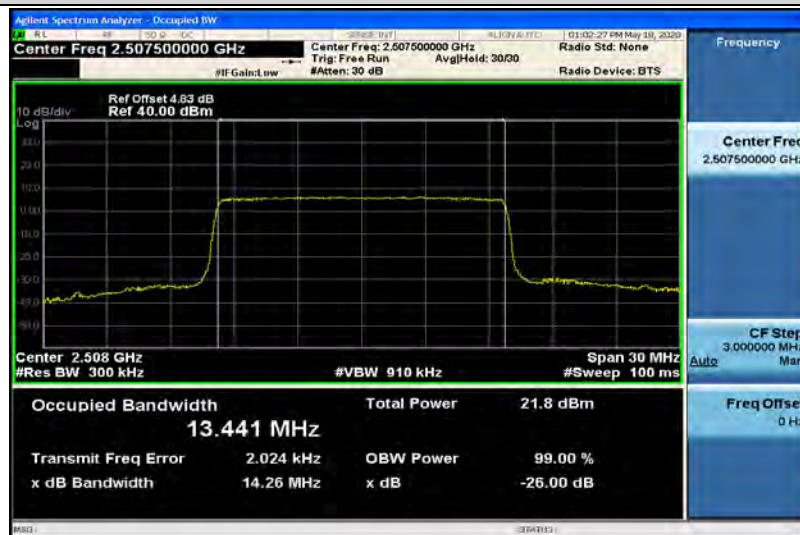
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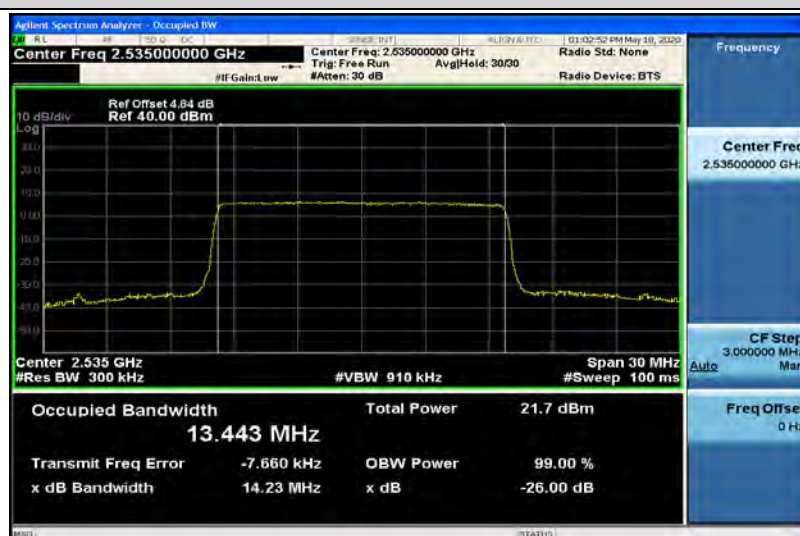
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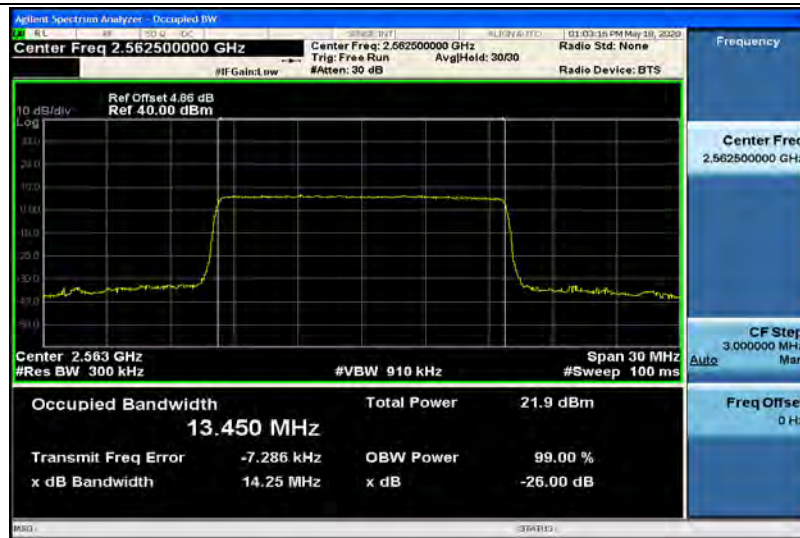
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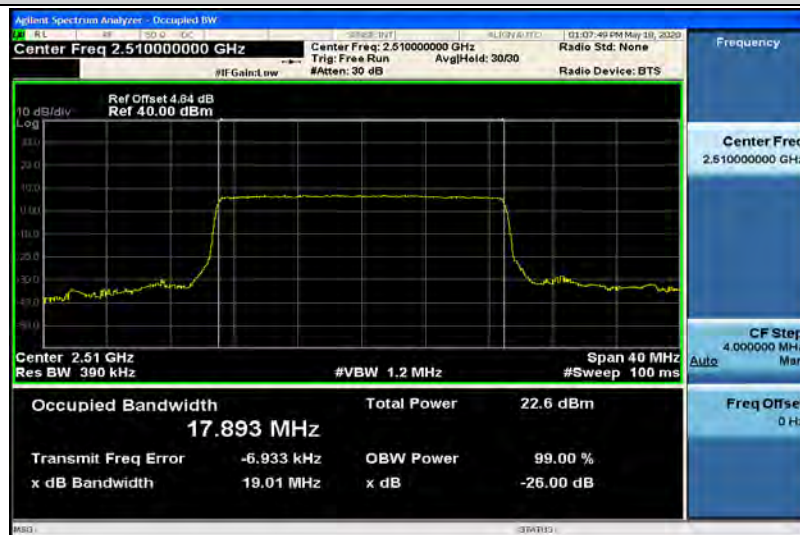
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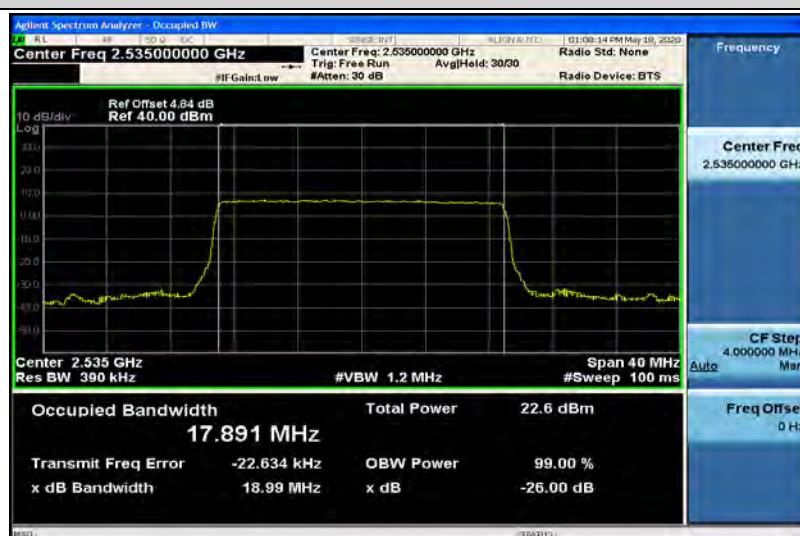
Band7-15MHz-16QAM-21375-75RB#0-13.450



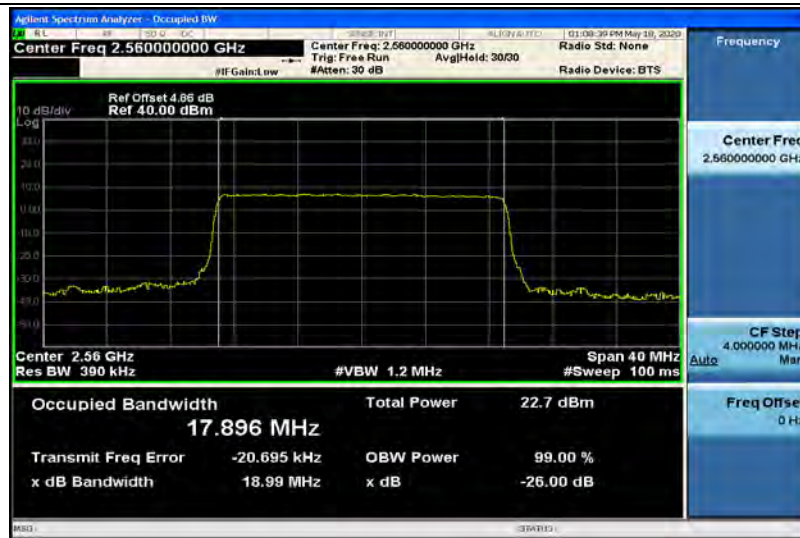
Band7-20MHz-QPSK-20850-100RB#0-17.893



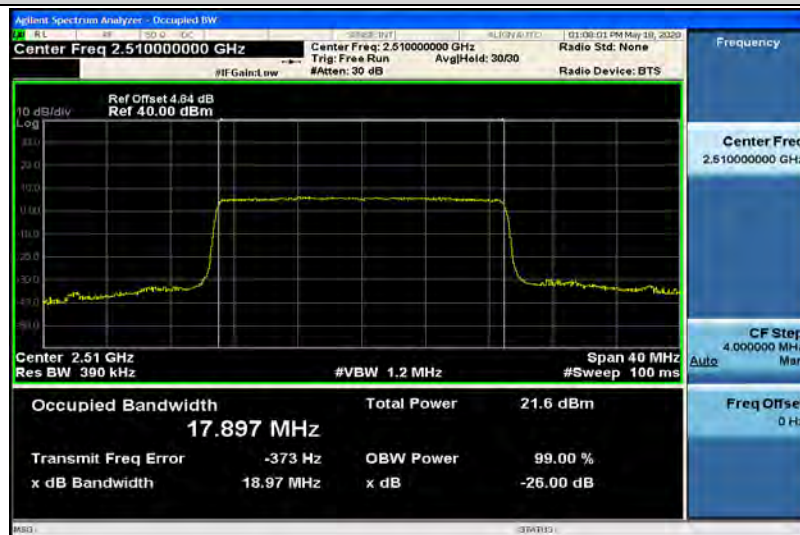
Band7-20MHz-QPSK-21100-100RB#0-17.891



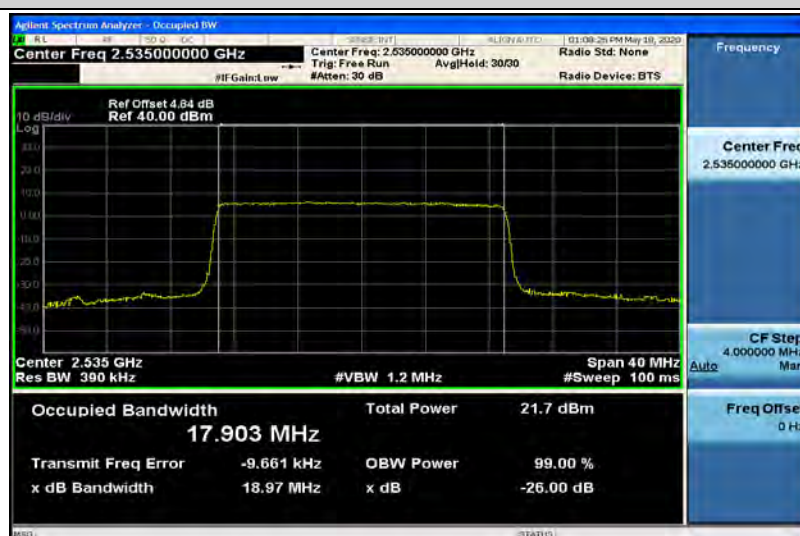
Band7-20MHz-QPSK-21350-100RB#0-17.896



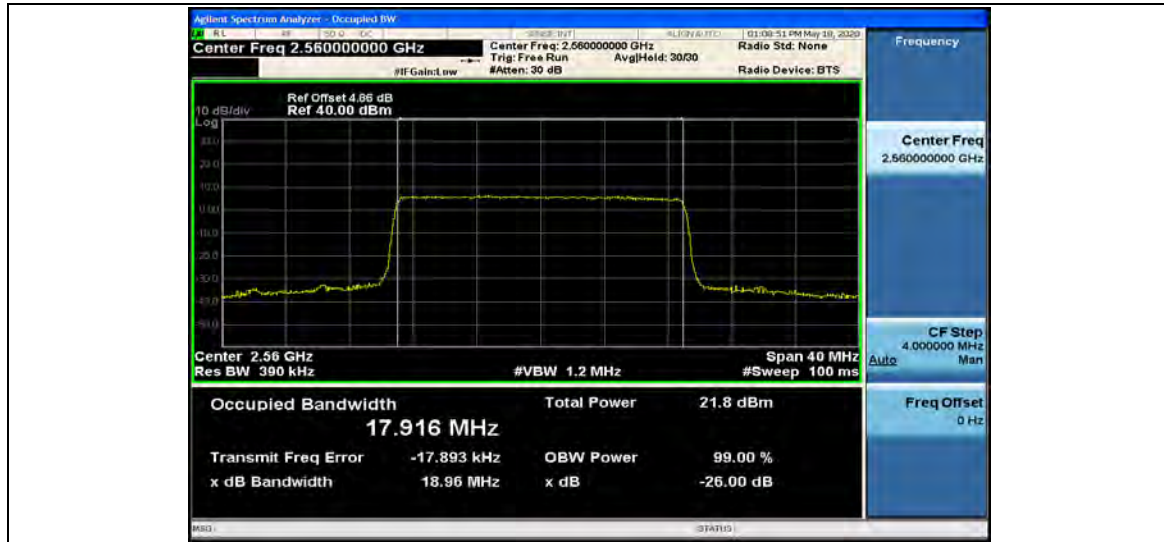
Band7-20MHz-16QAM-20850-100RB#0-17.897



Band7-20MHz-16QAM-21100-100RB#0-17.903



Band7-20MHz-16QAM-21350-100RB#0-17.916





Appendix D: Band Edge

Test Graphs

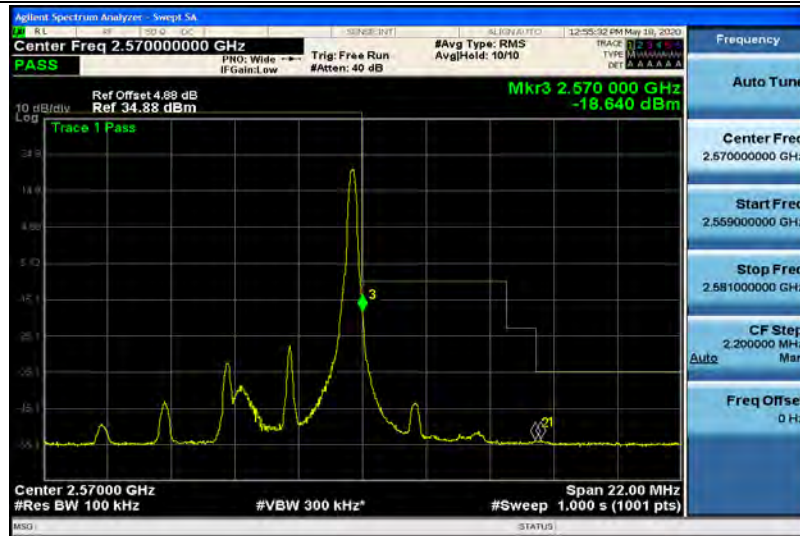
Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0



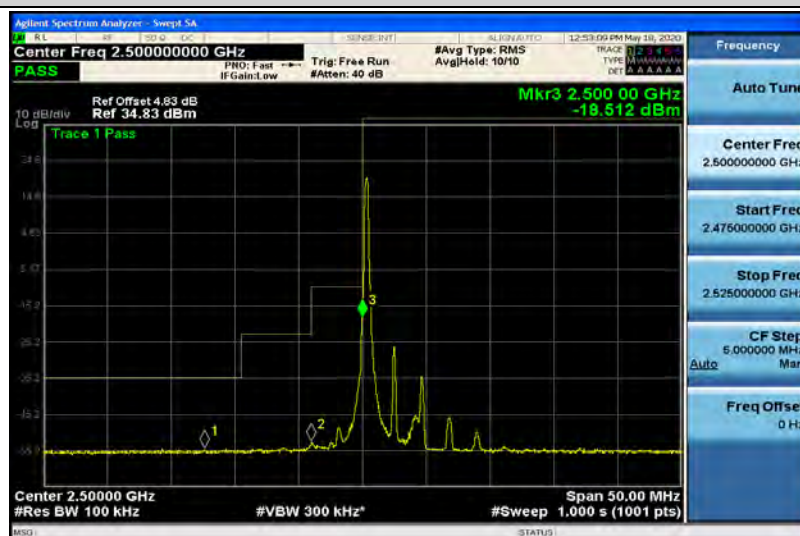
Band7-5MHz-QPSK-21425-1RB#24



Band7-5MHz-QPSK-21425-25RB#0



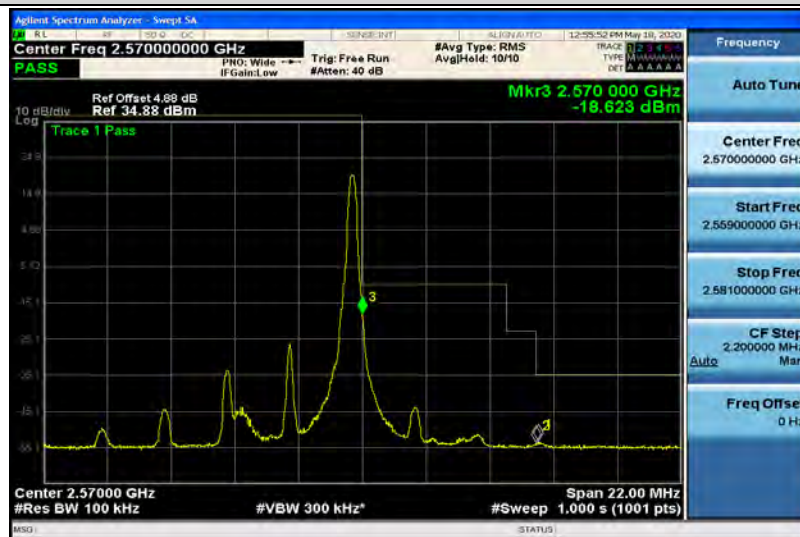
Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0



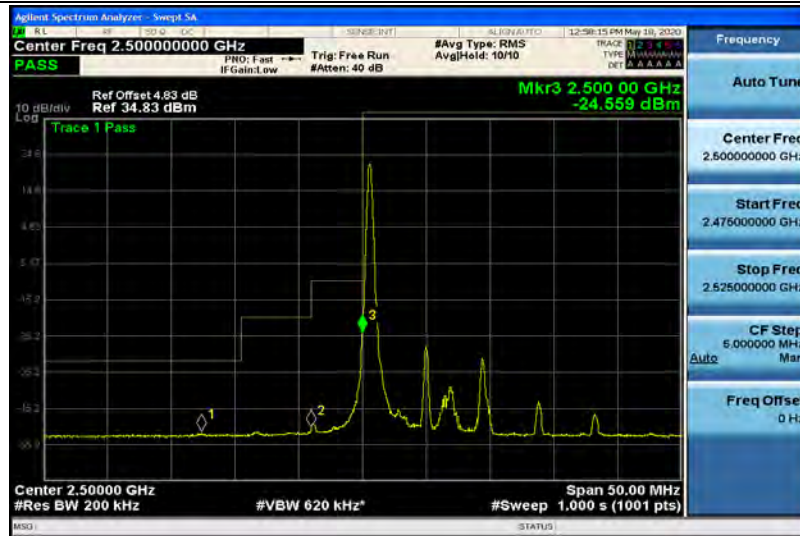
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Band7-5MHz-16QAM-21425-25RB#0



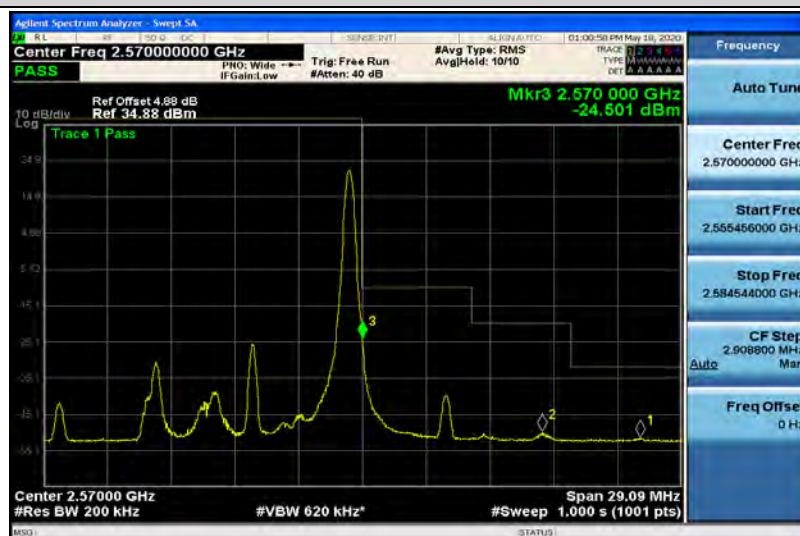
Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0



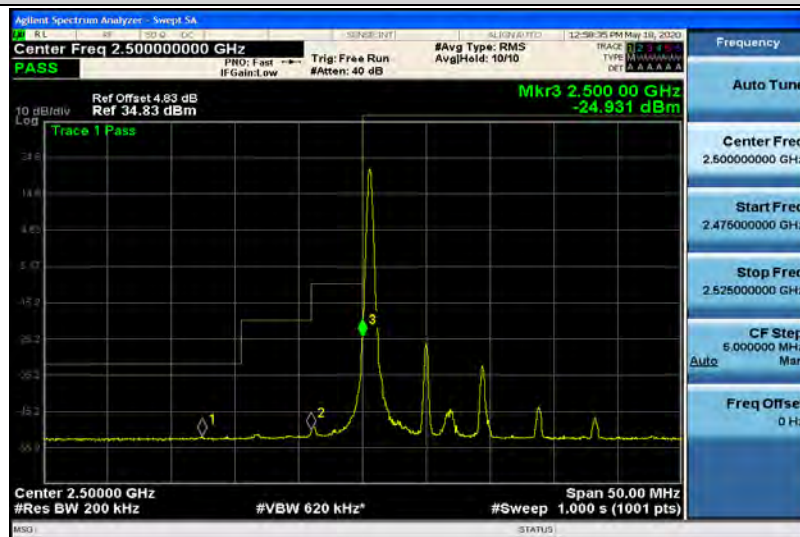
Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



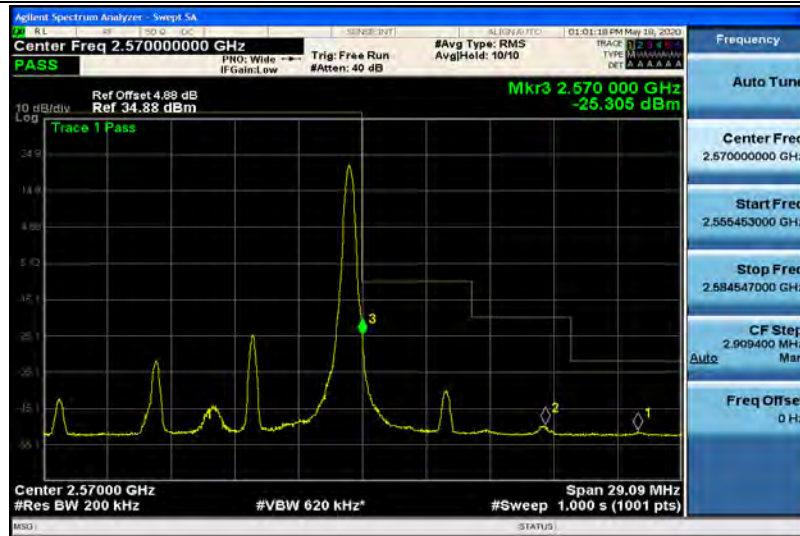
Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-50RB#0



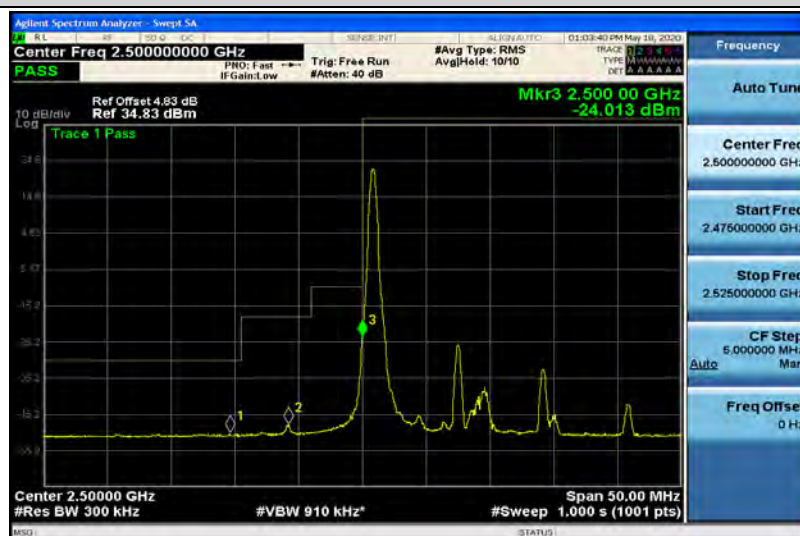
Band7-10MHz-16QAM-21400-1RB#49



Band7-10MHz-16QAM-21400-50RB#0



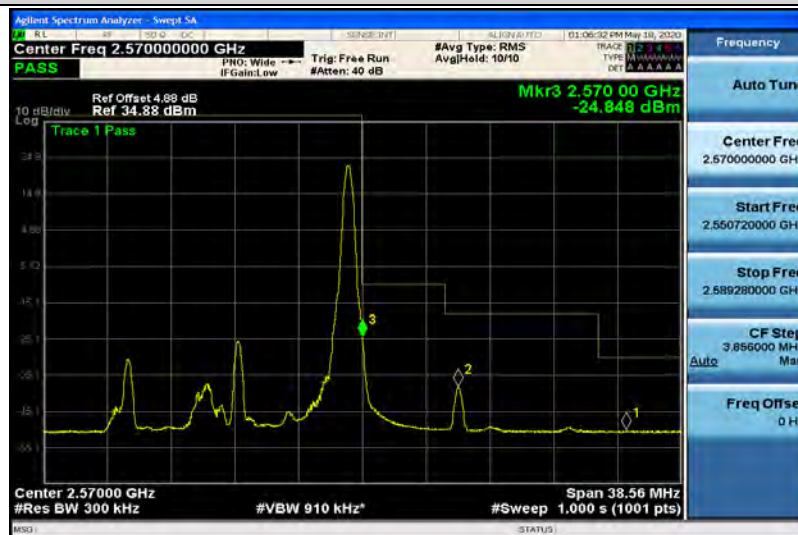
Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



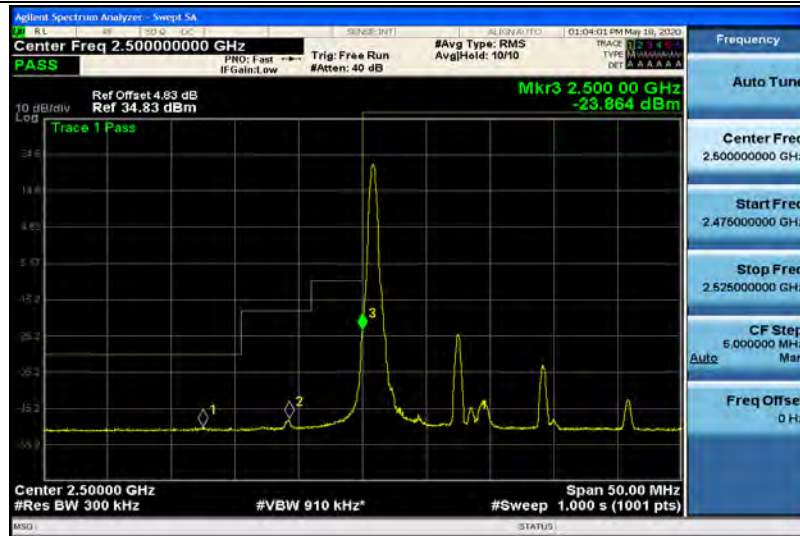
Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-QPSK-21375-75RB#0



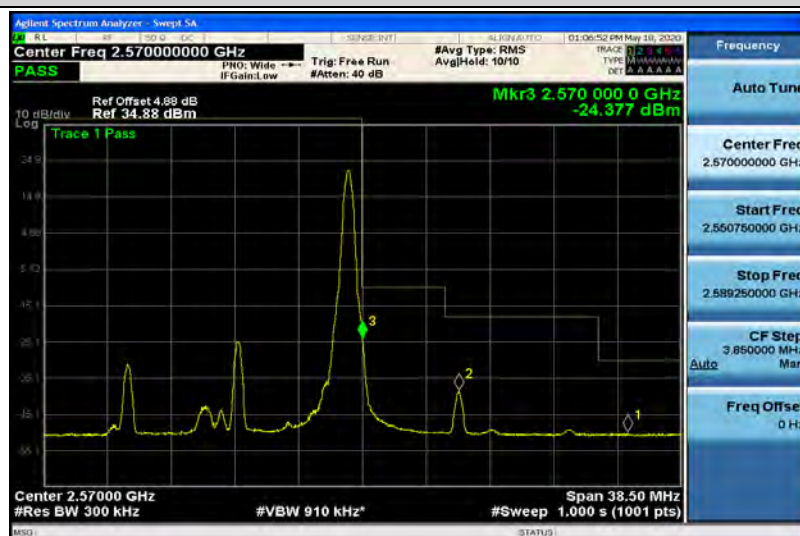
Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0



Band7-15MHz-16QAM-21375-1RB#74



Band7-15MHz-16QAM-21375-75RB#0



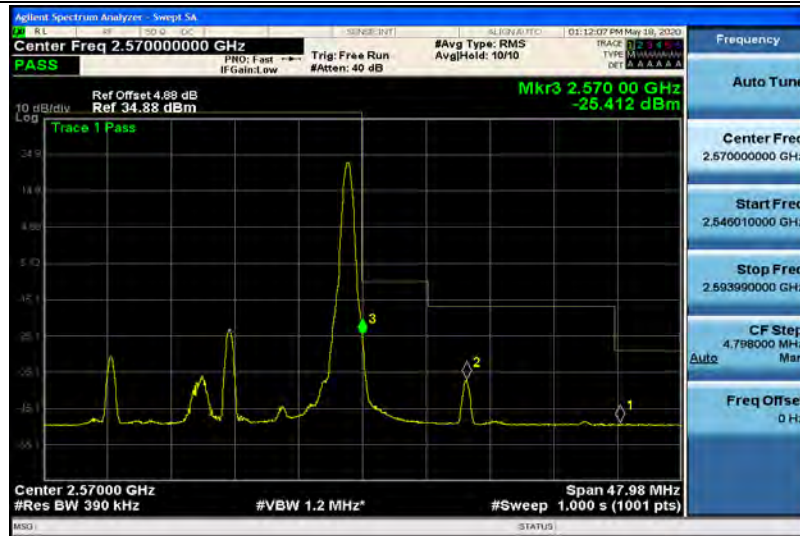
Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-100RB#0



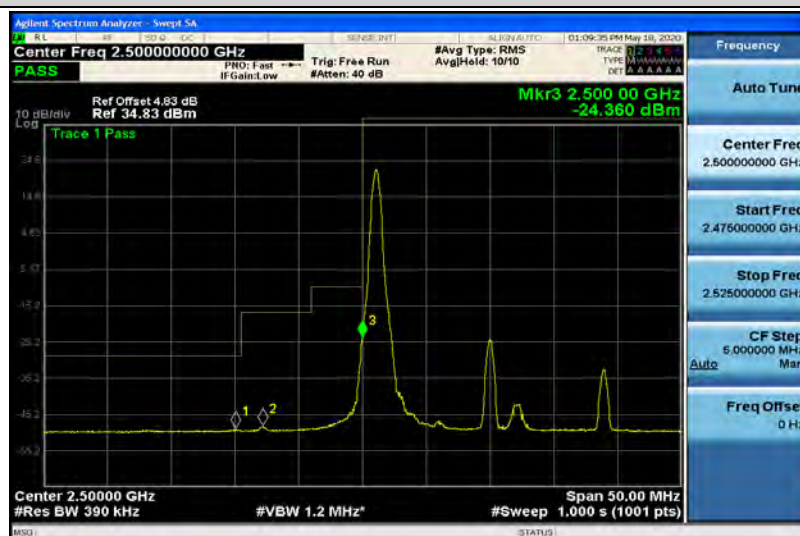
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Band7-20MHz-QPSK-21350-100RB#0



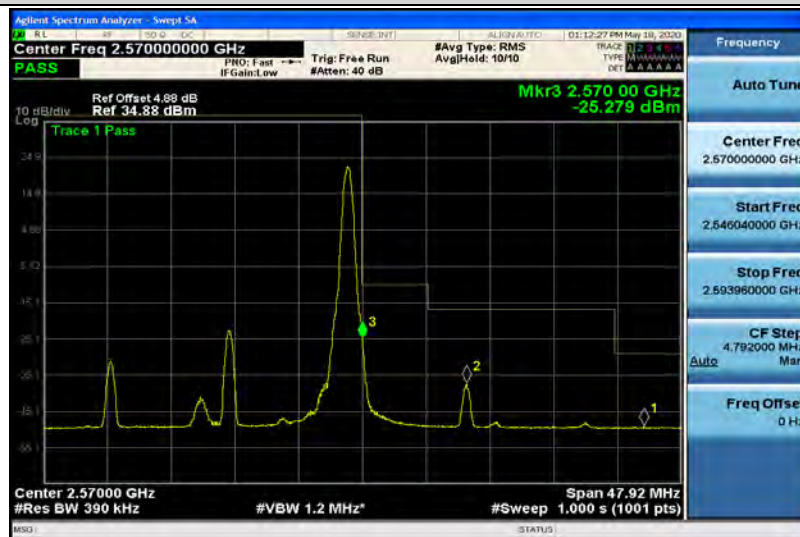
Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0



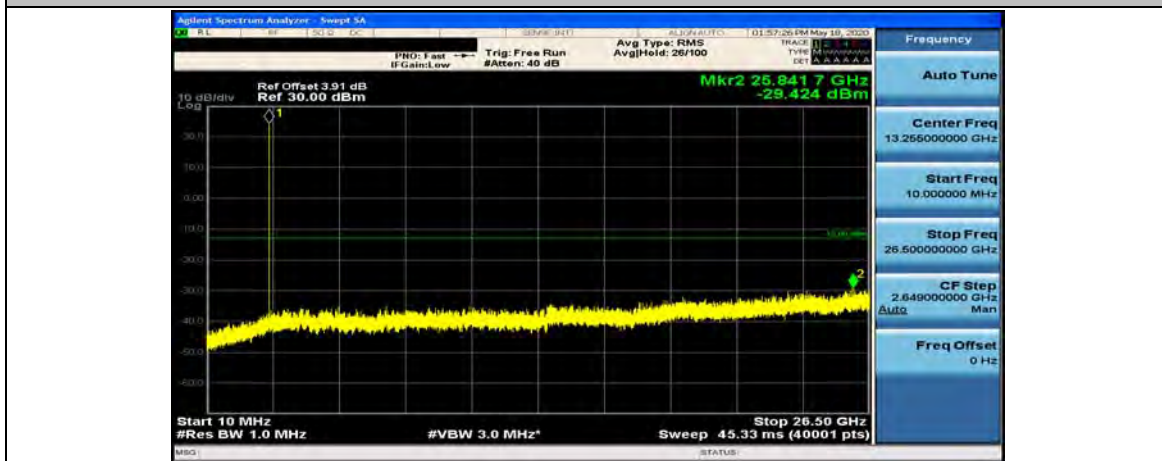


Appendix E: Conducted Spurious Emission

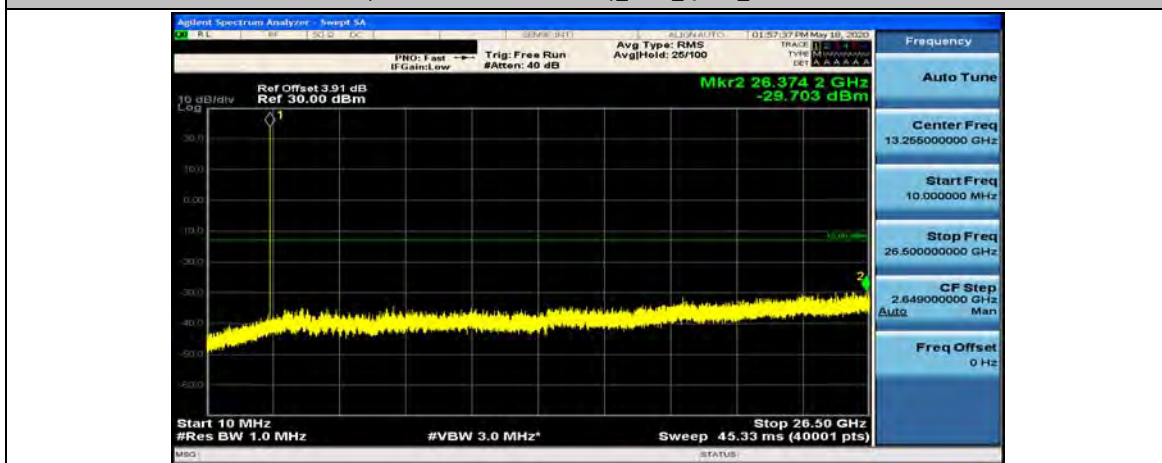
Test Graphs

Channel Bandwidth: 5 MHz

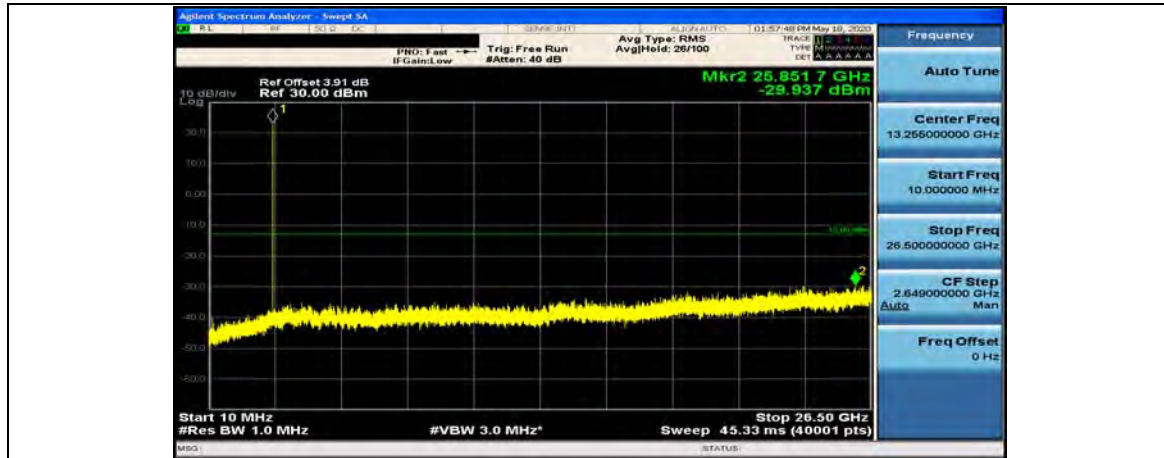
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

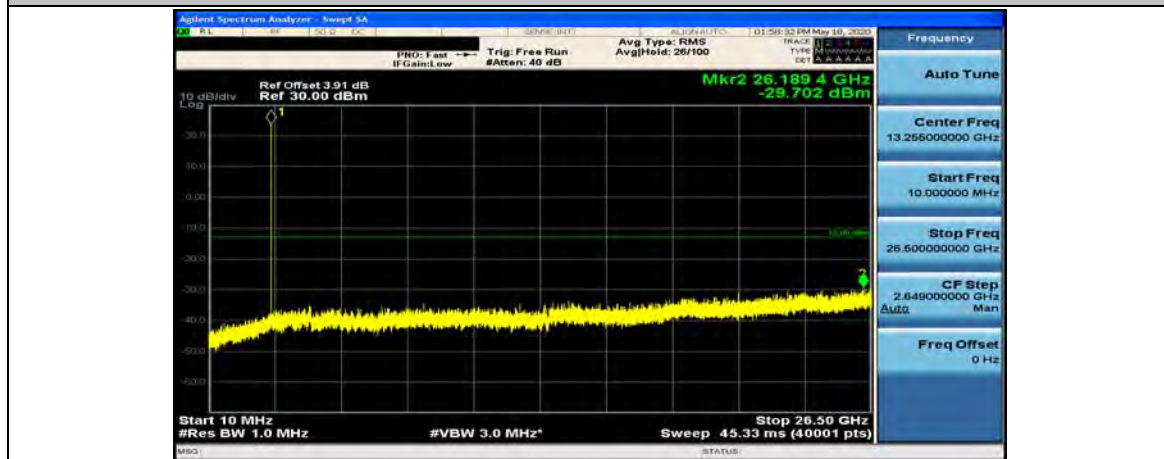


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

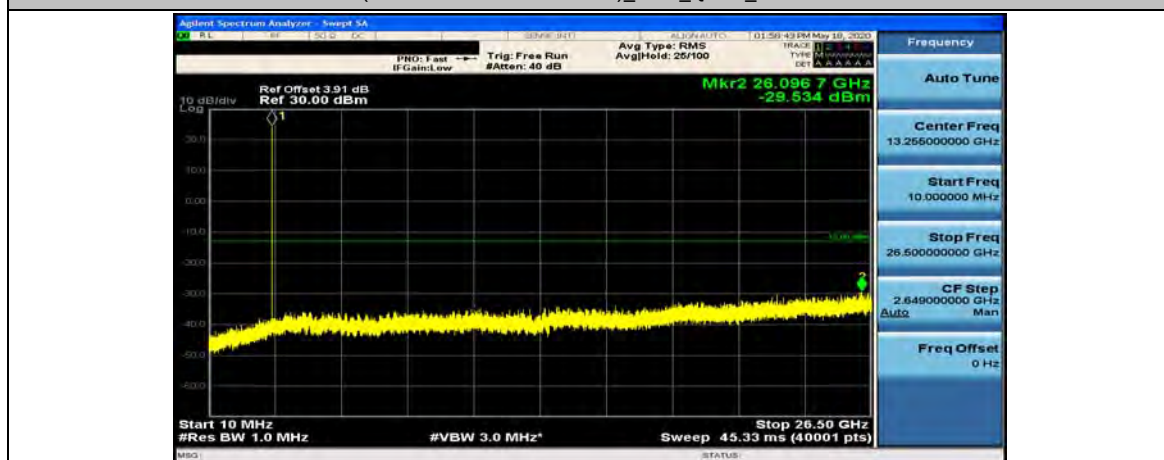


Channel Bandwidth: 10 MHz

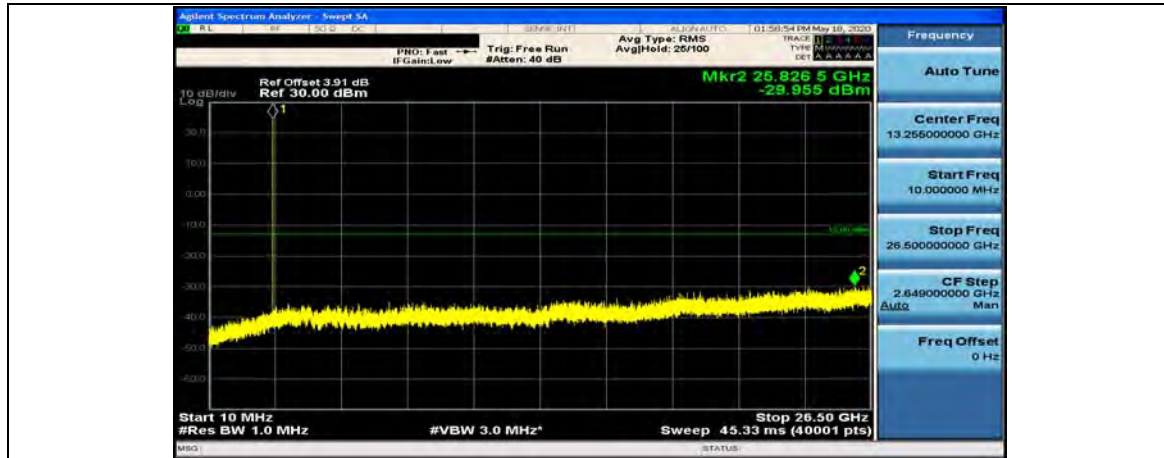
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0

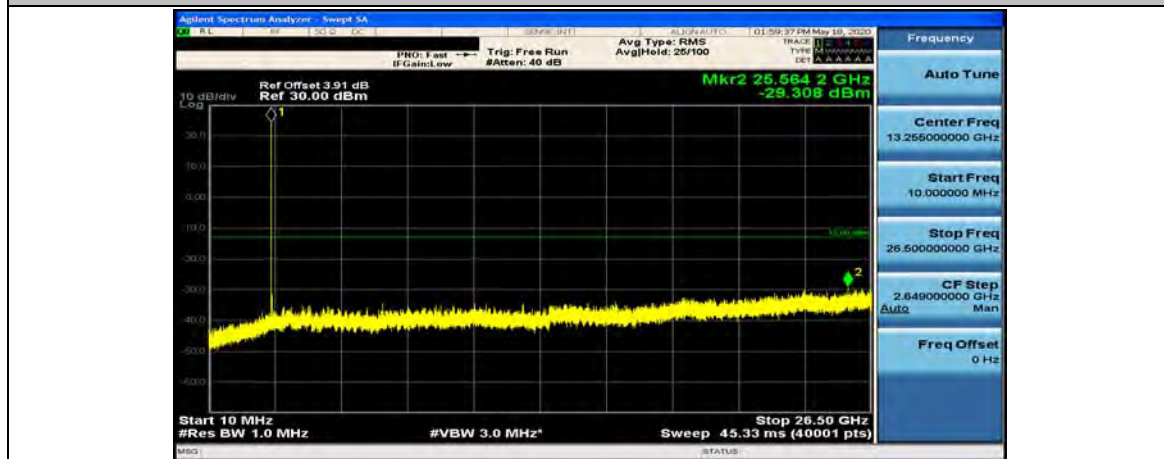


(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

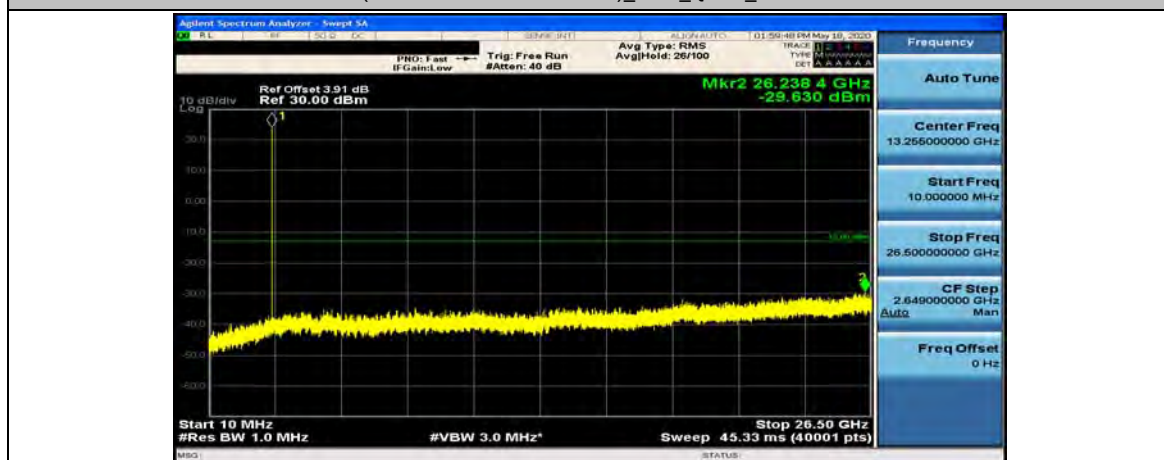


Channel Bandwidth: 15 MHz

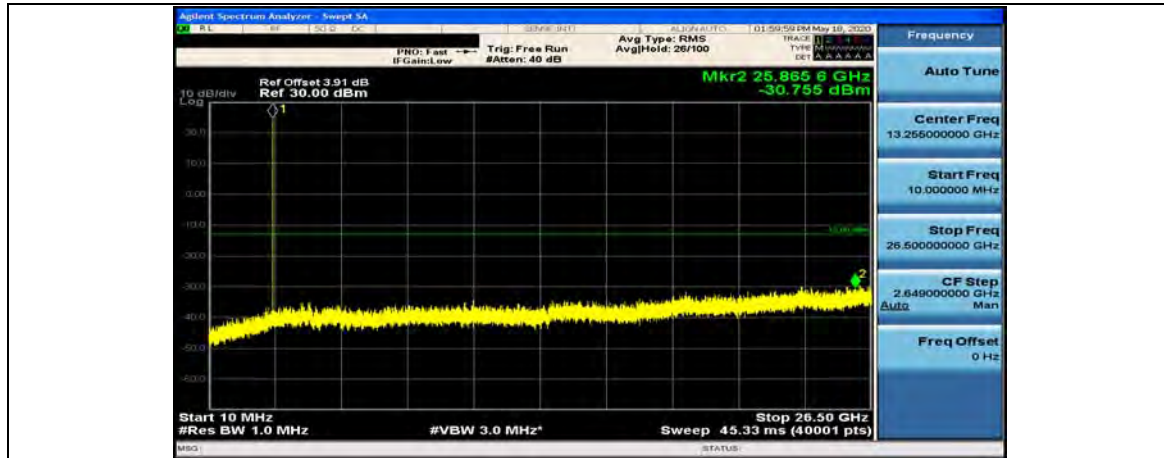
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0

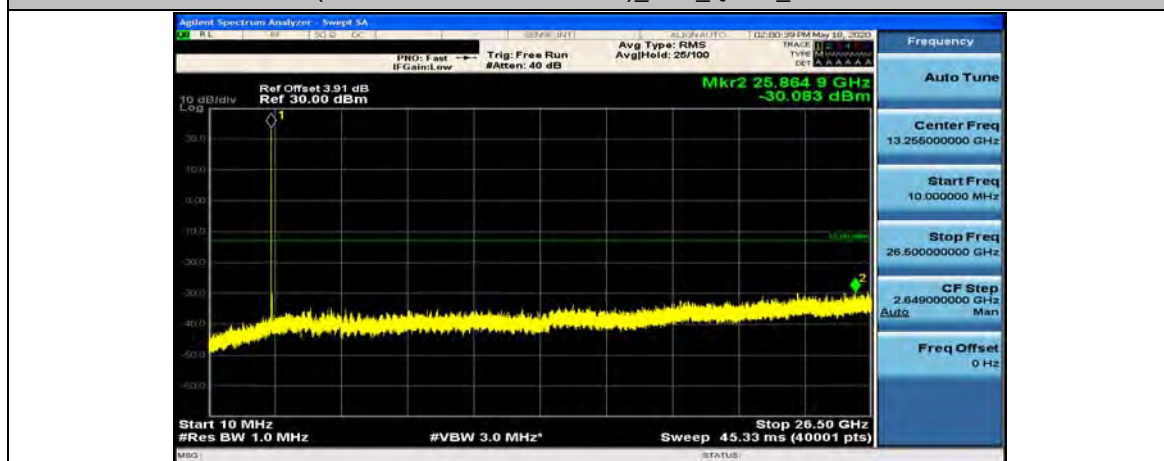


(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

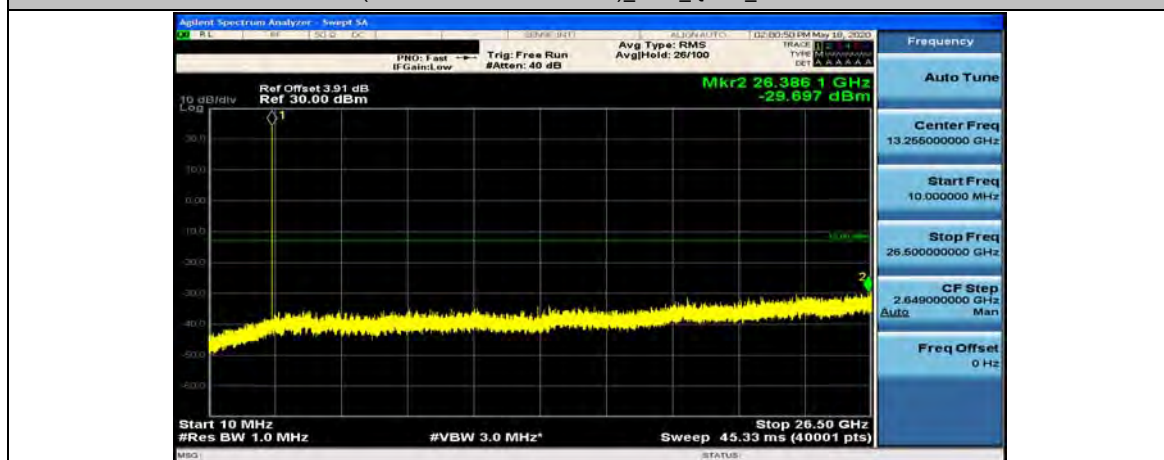


Channel Bandwidth: 20 MHz

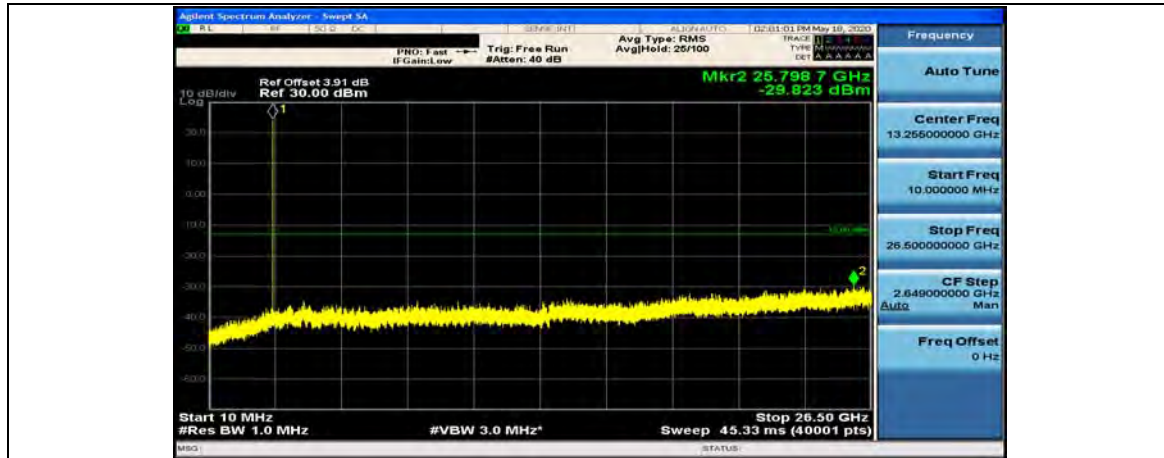
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



Appendix F: Frequency Stability

Test Result

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	-0.30	-0.000120	± 2.5	PASS
		VN	TN	-1.40	-0.000559	± 2.5	PASS
		VH	TN	-0.90	-0.000360	± 2.5	PASS
	MCH	VL	TN	2.60	0.001026	± 2.5	PASS
		VN	TN	1.90	0.000750	± 2.5	PASS
		VH	TN	-0.20	-0.000079	± 2.5	PASS
	HCH	VL	TN	-9.00	-0.003505	± 2.5	PASS
		VN	TN	-1.50	-0.000584	± 2.5	PASS
		VH	TN	-3.50	-0.001363	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.20	0.000480	± 2.5	PASS
		VN	-20	3.00	0.001199	± 2.5	PASS
		VN	-10	4.40	0.001758	± 2.5	PASS
		VN	0	9.70	0.003876	± 2.5	PASS
		VN	10	-2.30	-0.000919	± 2.5	PASS
		VN	20	-2.70	-0.001079	± 2.5	PASS
		VN	30	0.20	0.000080	± 2.5	PASS
		VN	40	7.40	0.002957	± 2.5	PASS
		VN	50	-0.50	-0.000200	± 2.5	PASS
	MCH	VN	-30	-3.50	-0.001381	± 2.5	PASS
		VN	-20	-3.50	-0.001381	± 2.5	PASS
		VN	-10	-2.40	-0.000947	± 2.5	PASS
		VN	0	2.00	0.000789	± 2.5	PASS

		VN	10	5.70	0.002249	± 2.5	PASS
		VN	20	-4.80	-0.001893	± 2.5	PASS
		VN	30	-3.70	-0.001460	± 2.5	PASS
		VN	40	-1.60	-0.000631	± 2.5	PASS
		VN	50	-7.00	-0.002761	± 2.5	PASS
	HCH	VN	-30	-11.70	-0.004557	± 2.5	PASS
		VN	-20	0.90	0.000351	± 2.5	PASS
		VN	-10	-3.80	-0.001480	± 2.5	PASS
		VN	0	-7.60	-0.002960	± 2.5	PASS
		VN	10	-4.80	-0.001870	± 2.5	PASS
		VN	20	-5.90	-0.002298	± 2.5	PASS
		VN	30	3.60	0.001402	± 2.5	PASS
		VN	40	1.40	0.000545	± 2.5	PASS
		VN	50	-0.30	-0.000117	± 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	LCH	VL	TN	8.90	0.003553	± 2.5	PASS
		VN	TN	0.40	0.000160	± 2.5	PASS
		VH	TN	1.00	0.000399	± 2.5	PASS
	MCH	VL	TN	4.80	0.001893	± 2.5	PASS
		VN	TN	5.00	0.001972	± 2.5	PASS
		VH	TN	-6.40	-0.002525	± 2.5	PASS
	HCH	VL	TN	6.50	0.002534	± 2.5	PASS
		VN	TN	5.50	0.002144	± 2.5	PASS
		VH	TN	2.40	0.000936	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-5.30	-0.002116	± 2.5	PASS
		VN	-20	-2.30	-0.000918	± 2.5	PASS
		VN	-10	2.00	0.000798	± 2.5	PASS
		VN	0	-2.20	-0.000878	± 2.5	PASS
		VN	10	-0.70	-0.000279	± 2.5	PASS
		VN	20	-6.90	-0.002754	± 2.5	PASS
		VN	30	-6.10	-0.002435	± 2.5	PASS
		VN	40	-1.80	-0.000719	± 2.5	PASS
		VN	50	-2.10	-0.000838	± 2.5	PASS
	MCH	VN	-30	-5.90	-0.002327	± 2.5	PASS
		VN	-20	-2.40	-0.000947	± 2.5	PASS
		VN	-10	3.90	0.001538	± 2.5	PASS
		VN	0	-2.90	-0.001144	± 2.5	PASS
		VN	10	-7.10	-0.002801	± 2.5	PASS
		VN	20	3.40	0.001341	± 2.5	PASS
		VN	30	1.60	0.000631	± 2.5	PASS

		VN	40	-2.00	-0.000789	± 2.5	PASS
		VN	50	-5.70	-0.002249	± 2.5	PASS
	HCH	VN	-30	-6.10	-0.002378	± 2.5	PASS
		VN	-20	5.00	0.001949	± 2.5	PASS
		VN	-10	0.10	0.000039	± 2.5	PASS
		VN	0	-5.70	-0.002222	± 2.5	PASS
		VN	10	-6.50	-0.002534	± 2.5	PASS
		VN	20	-7.60	-0.002963	± 2.5	PASS
		VN	30	-6.10	-0.002378	± 2.5	PASS
		VN	40	-6.60	-0.002573	± 2.5	PASS
		VN	50	-5.60	-0.002183	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-3.20	-0.001276	± 2.5	PASS
		VN	TN	-7.50	-0.002991	± 2.5	PASS
		VH	TN	6.40	0.002552	± 2.5	PASS
	MCH	VL	TN	-1.60	-0.000631	± 2.5	PASS
		VN	TN	-2.90	-0.001144	± 2.5	PASS
		VH	TN	-7.40	-0.002919	± 2.5	PASS
	HCH	VL	TN	-4.20	-0.001639	± 2.5	PASS
		VN	TN	-0.70	-0.000273	± 2.5	PASS
		VH	TN	-14.20	-0.005541	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-6.10	-0.002433	± 2.5	PASS
		VN	-20	3.20	0.001276	± 2.5	PASS
		VN	-10	-4.40	-0.001755	± 2.5	PASS
		VN	0	6.20	0.002473	± 2.5	PASS
		VN	10	6.70	0.002672	± 2.5	PASS
		VN	20	-8.40	-0.003350	± 2.5	PASS
		VN	30	-8.70	-0.003470	± 2.5	PASS
		VN	40	-1.80	-0.000718	± 2.5	PASS
		VN	50	1.00	0.000399	± 2.5	PASS
	MCH	VN	-30	3.30	0.001302	± 2.5	PASS
		VN	-20	6.90	0.002722	± 2.5	PASS
		VN	-10	-0.60	-0.000237	± 2.5	PASS
		VN	0	7.80	0.003077	± 2.5	PASS
		VN	10	1.30	0.000513	± 2.5	PASS
		VN	20	-0.20	-0.000079	± 2.5	PASS
		VN	30	-1.40	-0.000552	± 2.5	PASS
		VN	40	-2.20	-0.000868	± 2.5	PASS
	VN	50	2.80	0.001105	± 2.5	PASS	
	HCH	VN	-30	2.40	0.000937	± 2.5	PASS

		VN	-20	0.30	0.000117	± 2.5	PASS
		VN	-10	-14.30	-0.005580	± 2.5	PASS
		VN	0	-5.80	-0.002263	± 2.5	PASS
		VN	10	-11.60	-0.004527	± 2.5	PASS
		VN	20	-5.60	-0.002185	± 2.5	PASS
		VN	30	-9.40	-0.003668	± 2.5	PASS
		VN	40	-3.70	-0.001444	± 2.5	PASS
		VN	50	-0.90	-0.000351	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.30	0.001713	± 2.5	PASS
		VN	TN	-8.30	-0.003307	± 2.5	PASS
		VH	TN	0.50	0.000199	± 2.5	PASS
	MCH	VL	TN	-2.80	-0.001105	± 2.5	PASS
		VN	TN	14.20	0.005602	± 2.5	PASS
		VH	TN	-3.30	-0.001302	± 2.5	PASS
	HCH	VL	TN	0.80	0.000313	± 2.5	PASS
		VN	TN	10.40	0.004063	± 2.5	PASS
		VH	TN	5.60	0.002188	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-9.00	-0.003586	± 2.5	PASS
		VN	-20	5.70	0.002271	± 2.5	PASS
		VN	-10	-9.40	-0.003745	± 2.5	PASS
		VN	0	-0.70	-0.000279	± 2.5	PASS
		VN	10	4.50	0.001793	± 2.5	PASS
		VN	20	-5.30	-0.002112	± 2.5	PASS
		VN	30	-8.20	-0.003267	± 2.5	PASS
		VN	40	-6.60	-0.002629	± 2.5	PASS
		VN	50	4.40	0.001753	± 2.5	PASS
	MCH	VN	-30	-3.30	-0.001302	± 2.5	PASS
		VN	-20	-10.10	-0.003984	± 2.5	PASS
		VN	-10	-2.60	-0.001026	± 2.5	PASS
		VN	0	8.10	0.003195	± 2.5	PASS
		VN	10	2.00	0.000789	± 2.5	PASS
		VN	20	-3.10	-0.001223	± 2.5	PASS
		VN	30	-8.50	-0.003353	± 2.5	PASS
		VN	40	2.30	0.000907	± 2.5	PASS
		VN	50	-2.70	-0.001065	± 2.5	PASS
	HCH	VN	-30	1.80	0.000703	± 2.5	PASS
		VN	-20	0.90	0.000352	± 2.5	PASS
		VN	-10	1.00	0.000391	± 2.5	PASS
		VN	0	0.90	0.000352	± 2.5	PASS



		VN	10	4.70	0.001836	± 2.5	PASS
		VN	20	6.90	0.002695	± 2.5	PASS
		VN	30	11.10	0.004336	± 2.5	PASS
		VN	40	1.90	0.000742	± 2.5	PASS
		VN	50	11.70	0.004570	± 2.5	PASS