



Appendix G: Test Data for E-UTRA Band 7

Product Name: Personal Mobile Alarm System
Test Model: PAL 4

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





G.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.18	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.21	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.30	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.23	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.08	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.19	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.61	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.84	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.79	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.79	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.74	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.67	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.74	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.85	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.95	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.84	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.03	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.06	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.90	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.97	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.18	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.20	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.93	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.21	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.20	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.09	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.18	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.65	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.82	PASS





Band7	5MHz	16QAM	21100	1RB#24	21.76	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.74	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.67	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.65	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.72	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.91	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.07	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.94	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.04	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.01	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.94	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.97	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.11	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.05	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.90	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.24	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.24	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.05	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.14	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.54	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.88	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.79	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.76	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.84	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.80	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.76	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.94	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.17	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.03	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.03	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.99	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.98	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.95	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.15	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.11	PASS





Band7	10MHz	16QAM	20800	1RB#49	20.97	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.22	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.27	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.04	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.19	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.55	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.92	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.87	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.77	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.78	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.79	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.80	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.71	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.92	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.87	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.98	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.01	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.99	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.97	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.06	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.97	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.79	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.11	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.98	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.86	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.03	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.36	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.72	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.67	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.39	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.71	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.71	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.72	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.77	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.91	PASS



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Scan code to check authenticity



Band7	15MHz	QPSK	21375	1RB#74	22.80	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.76	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.86	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.82	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.01	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.03	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.91	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.76	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.10	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.09	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.77	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.97	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.37	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.72	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.72	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.36	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.70	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.76	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.67	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.79	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.87	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.82	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.82	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.86	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.85	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.86	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.04	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.08	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.86	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.13	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.11	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.99	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.03	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.46	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.86	PASS





Band7	20MHz	QPSK	21100	1RB#99	22.73	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.60	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.68	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.69	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.69	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.01	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.87	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.90	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.88	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.90	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.97	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.92	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.65	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.03	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.04	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.97	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.35	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.76	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.65	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.65	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.66	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.70	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.61	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.93	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.66	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.73	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.87	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.98	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.96	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.86	PASS





G.2 Peak-to-Average Ratio(CCDF)

Test Result

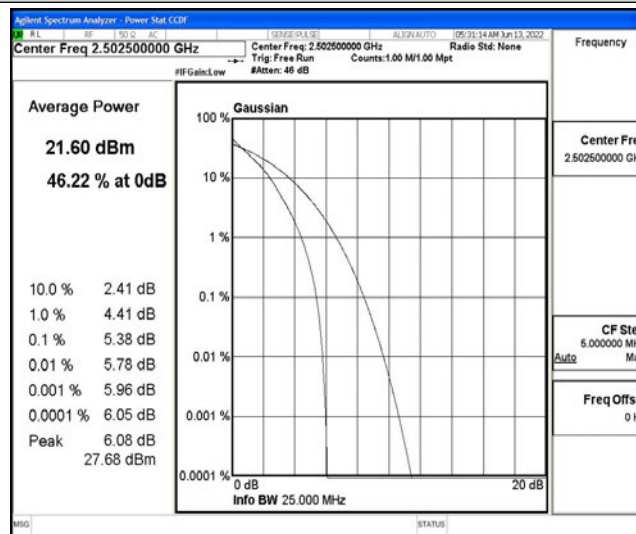
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.38	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.44	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.99	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.17	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.23	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.83	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.38	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.44	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.90	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.22	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.27	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.80	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.66	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.70	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.21	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.31	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.34	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.92	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.42	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.47	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.21	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.22	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.25	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.01	13	PASS



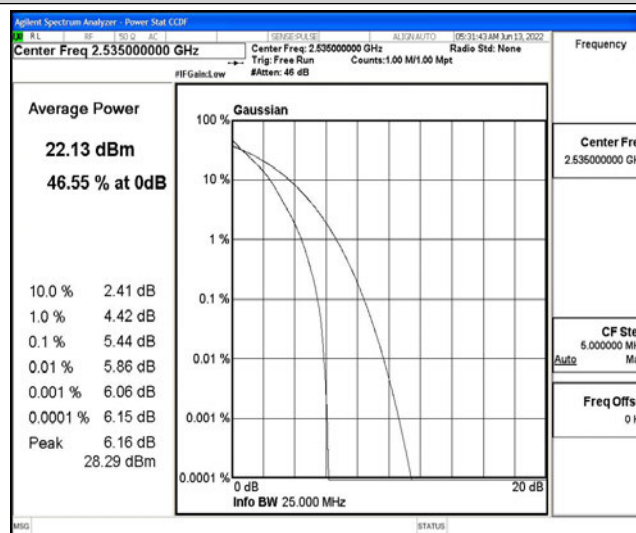


Test Graphs

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

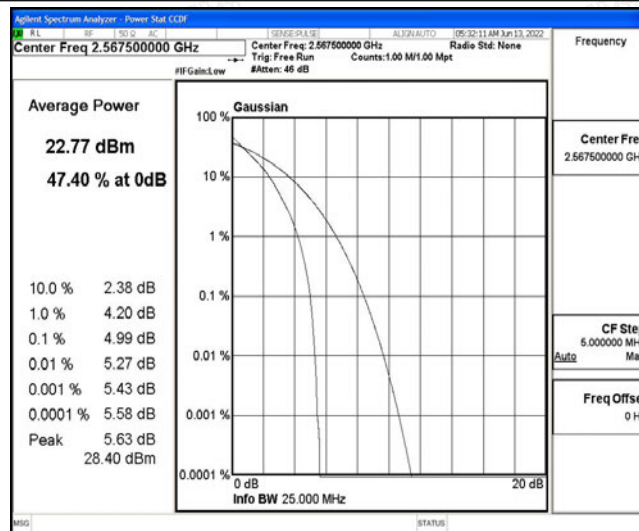


Band7-5MHz-QPSK-21100-25RB#0

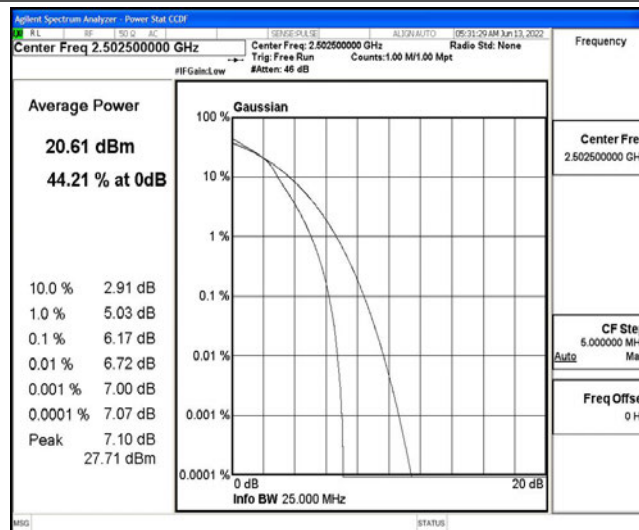


Band7-5MHz-QPSK-21425-25RB#0

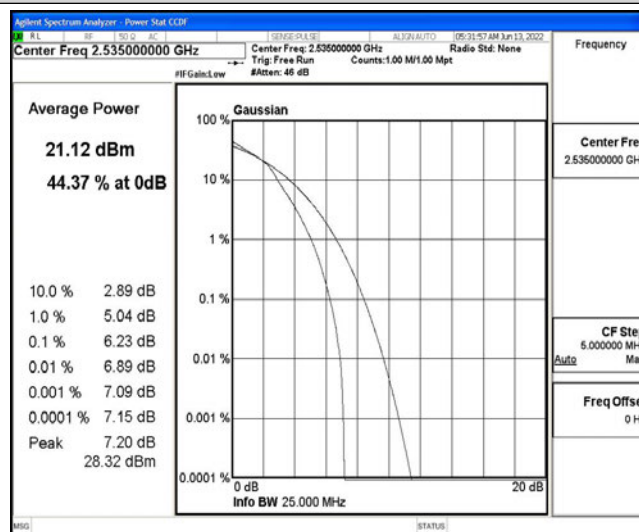




Band7-5MHz-16QAM-20775-25RB#0

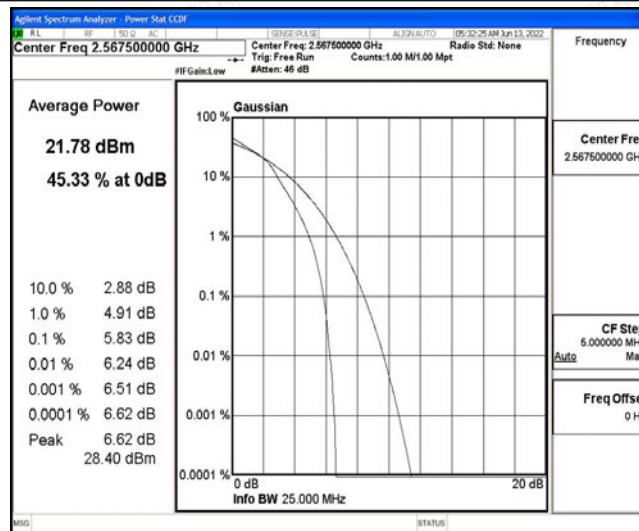


Band7-5MHz-16QAM-21100-25RB#0

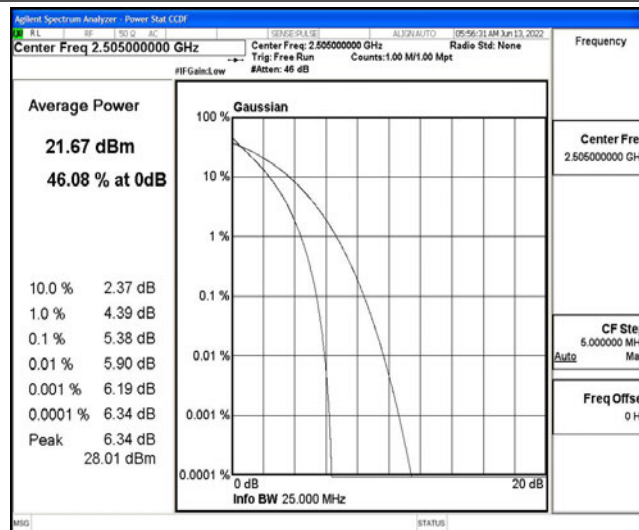


Band7-5MHz-16QAM-21425-25RB#0

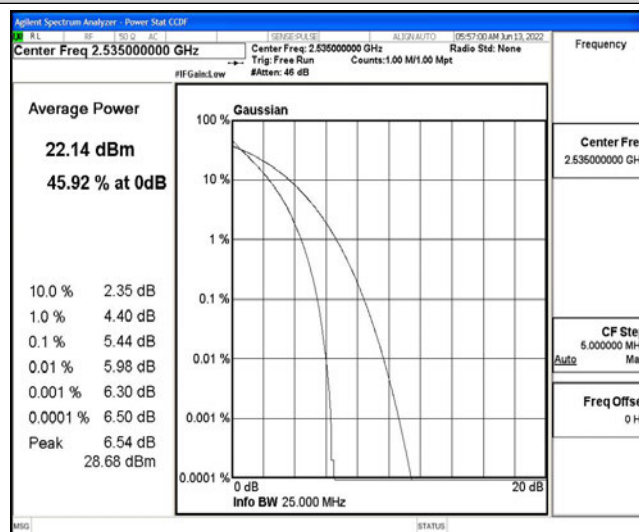




Band7-10MHz-QPSK-20800-50RB#0

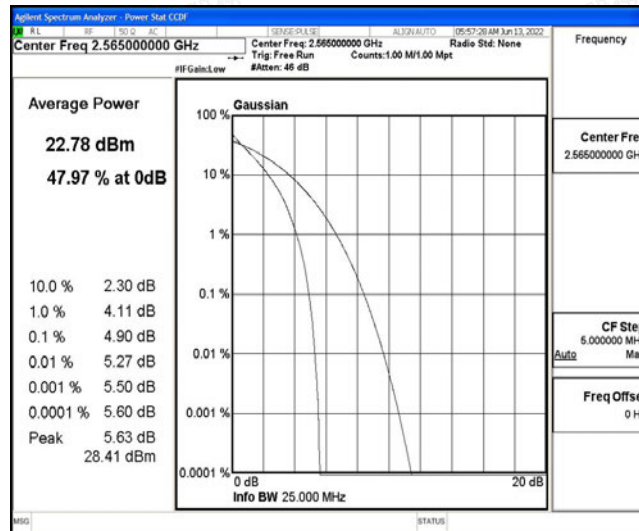


Band7-10MHz-QPSK-21100-50RB#0

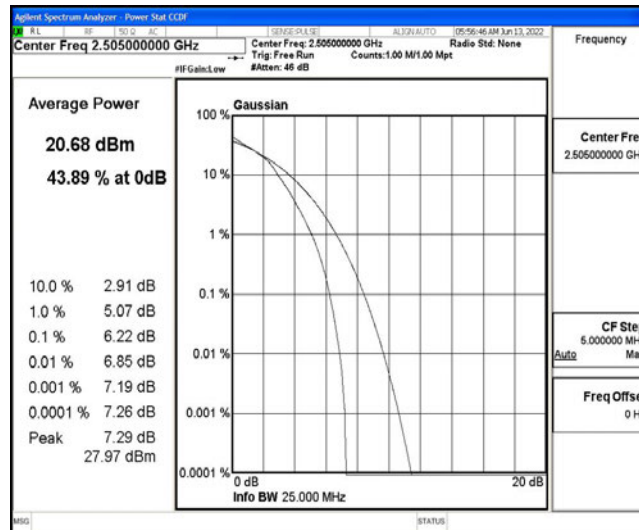


Band7-10MHz-QPSK-21400-50RB#0

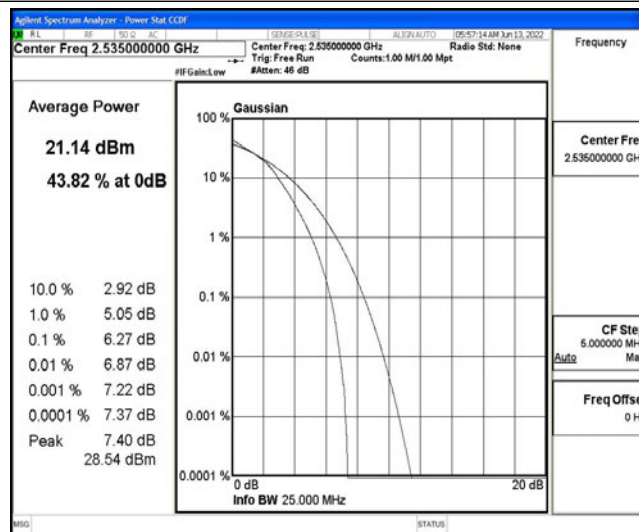




Band7-10MHz-16QAM-20800-50RB#0

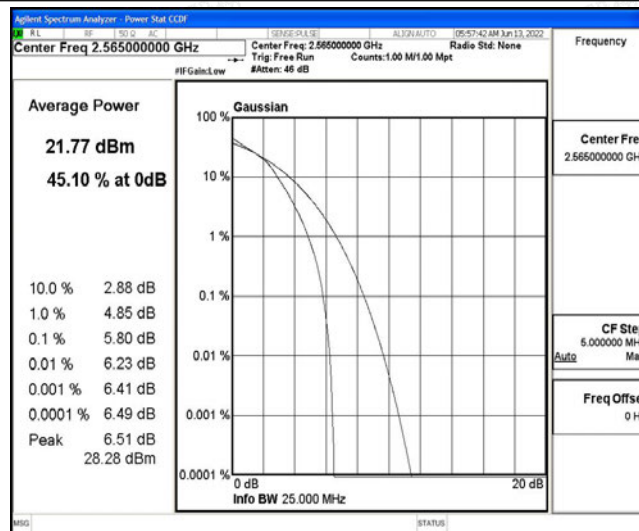


Band7-10MHz-16QAM-21100-50RB#0

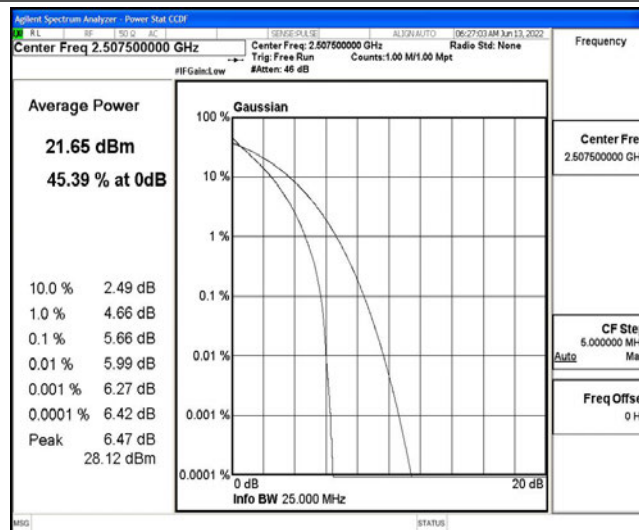


Band7-10MHz-16QAM-21400-50RB#0

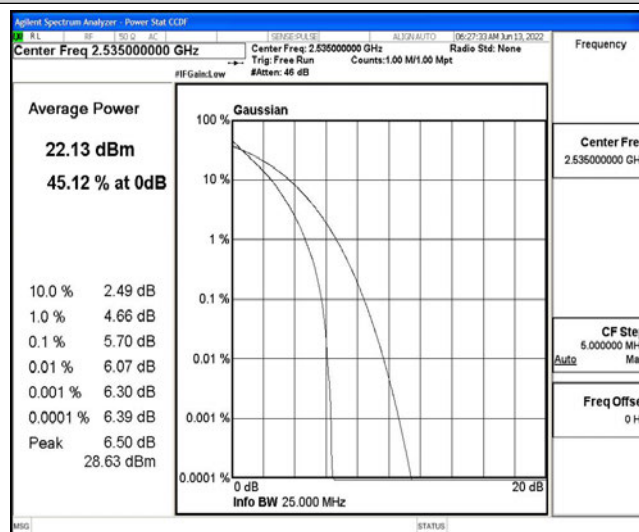




Band7-15MHz-QPSK-20825-75RB#0

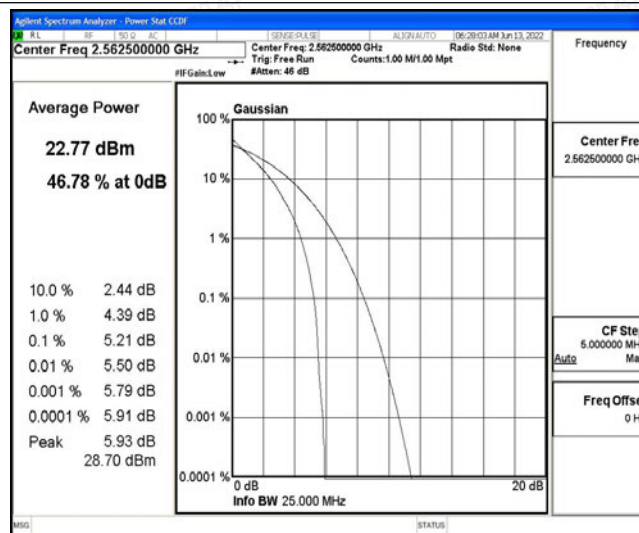


Band7-15MHz-QPSK-21100-75RB#0

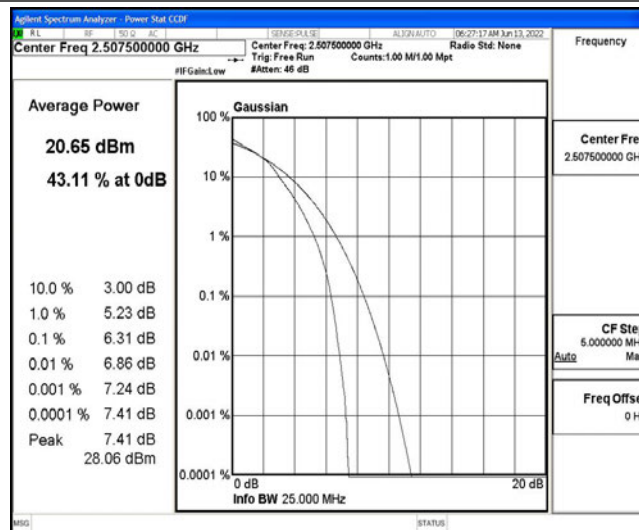


Band7-15MHz-QPSK-21375-75RB#0

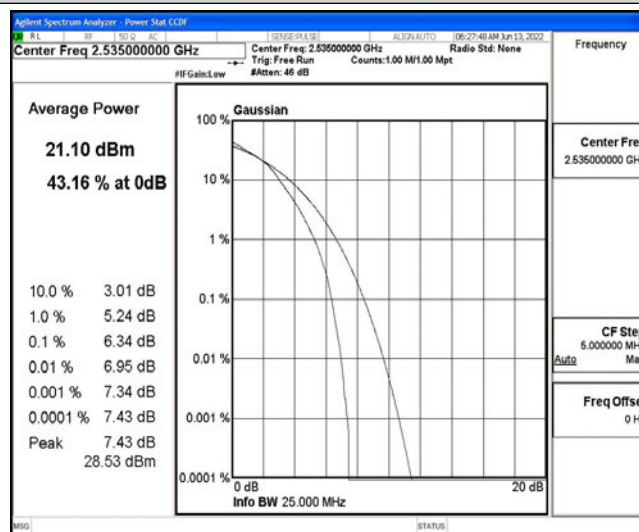




Band7-15MHz-16QAM-20825-75RB#0

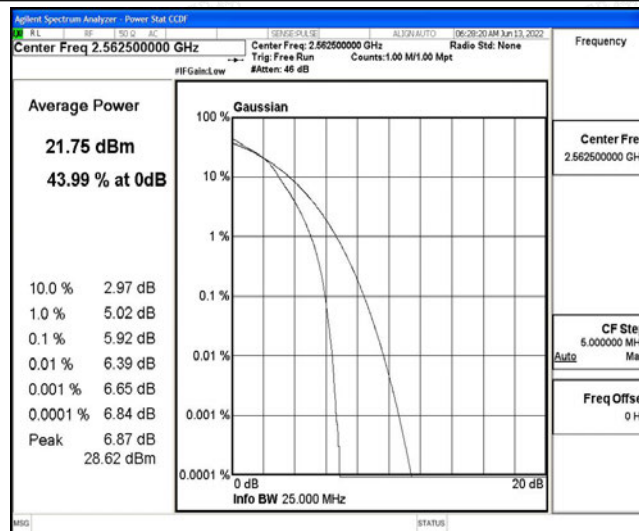


Band7-15MHz-16QAM-21100-75RB#0

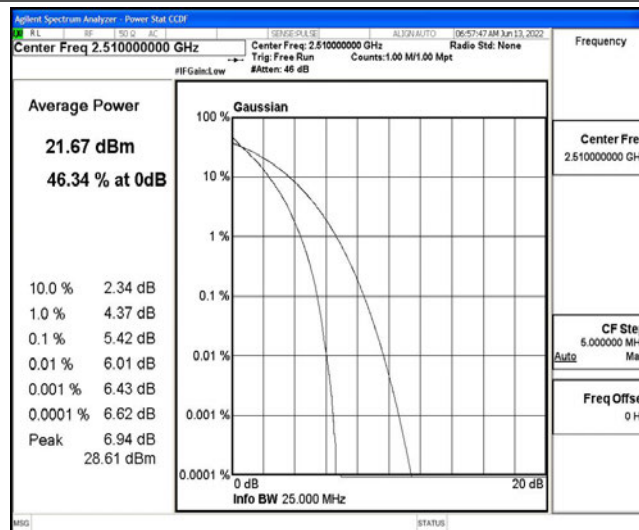


Band7-15MHz-16QAM-21375-75RB#0

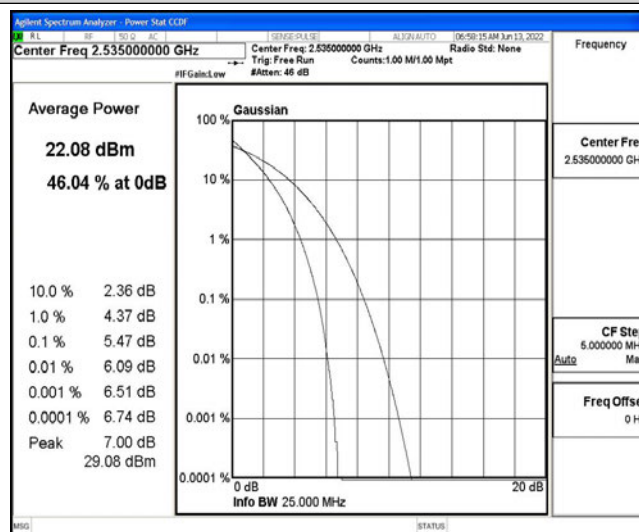




Band7-20MHz-QPSK-20850-100RB#0

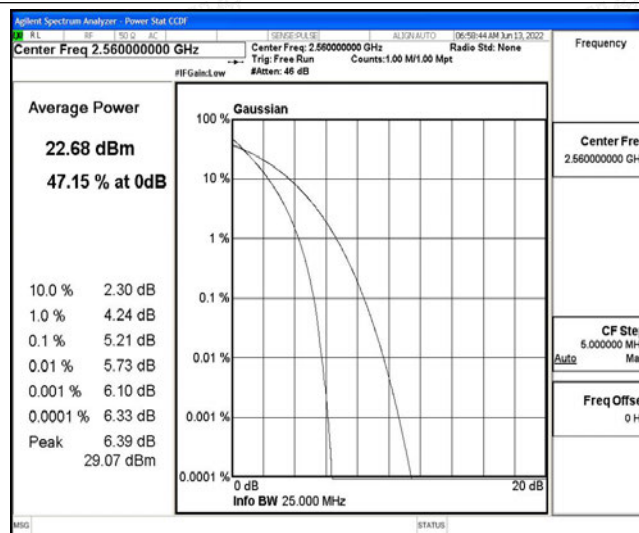


Band7-20MHz-QPSK-21100-100RB#0

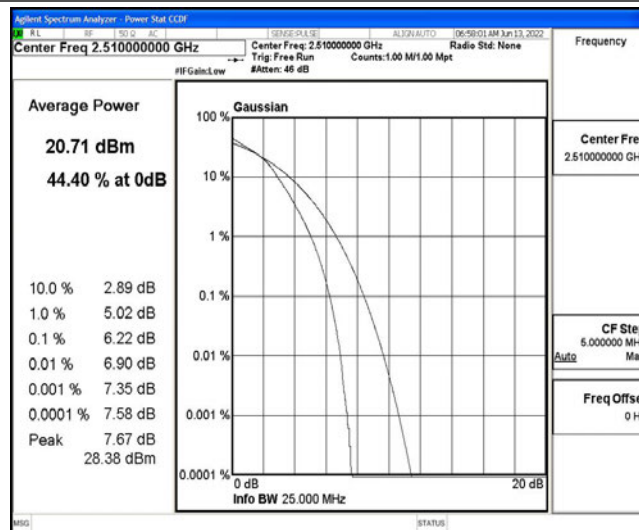


Band7-20MHz-QPSK-21350-100RB#0

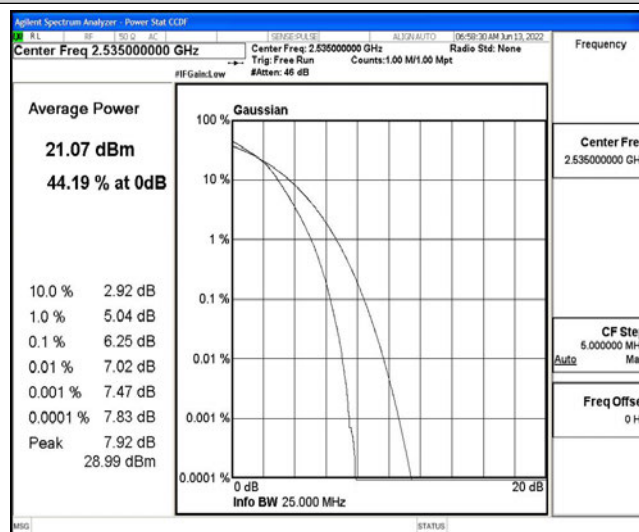




Band7-20MHz-16QAM-20850-100RB#0

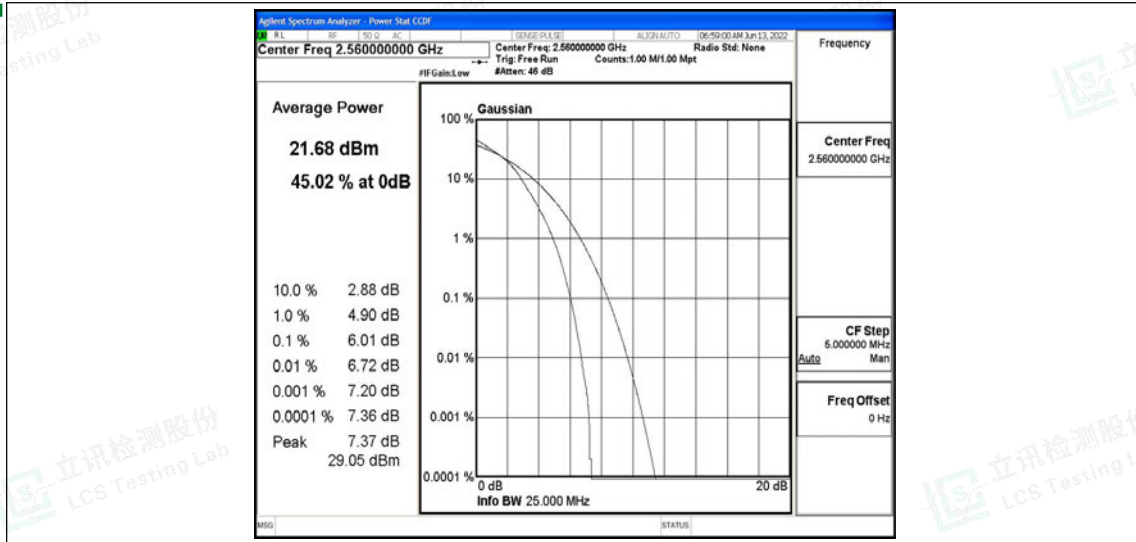


Band7-20MHz-16QAM-21100-100RB#0



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







G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

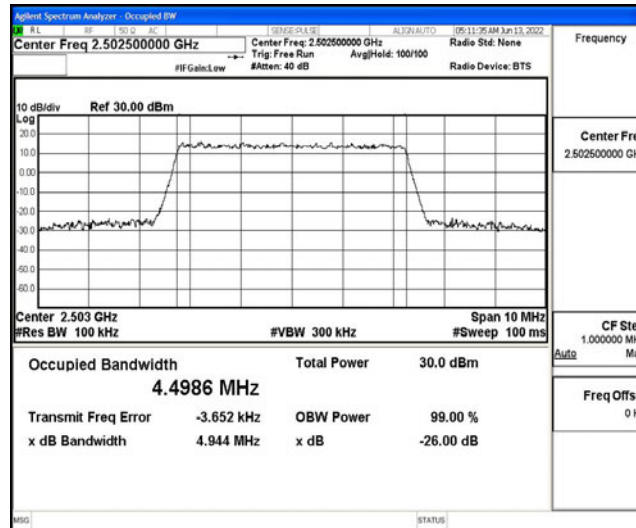
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4986	4.944	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4974	5.171	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4994	4.931	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4956	4.949	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4940	4.951	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4932	4.928	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9899	9.778	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0042	9.764	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9674	9.734	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9803	9.741	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9698	9.757	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9570	9.685	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.494	14.66	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.458	14.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.424	14.48	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.512	14.62	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.463	14.59	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.471	14.62	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.029	21.24	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.924	19.40	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.987	19.40	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.024	22.84	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.907	19.41	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.945	19.38	PASS



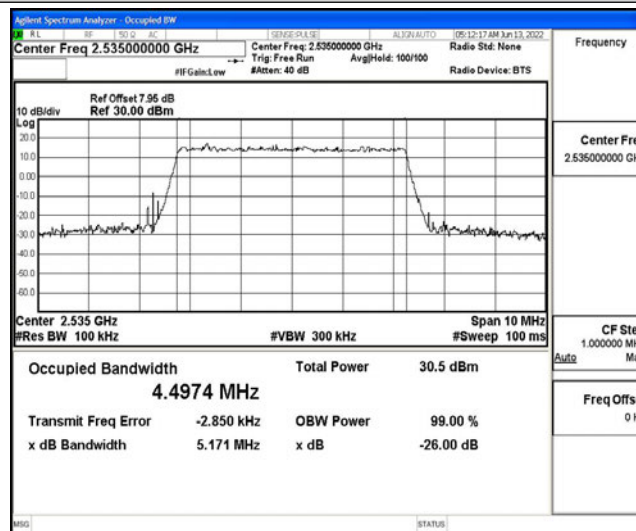


Test Graphs

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

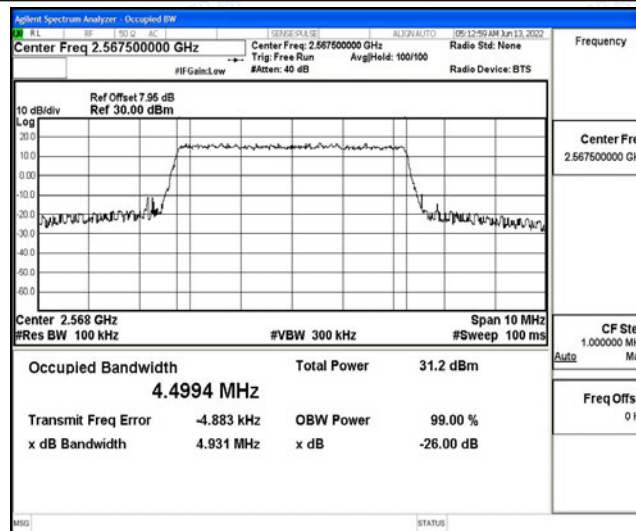


Band7-5MHz-QPSK-21100-25RB#0

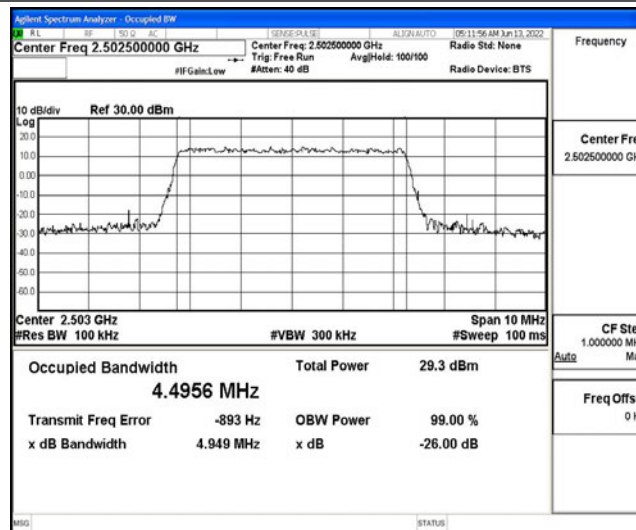


Band7-5MHz-QPSK-21425-25RB#0

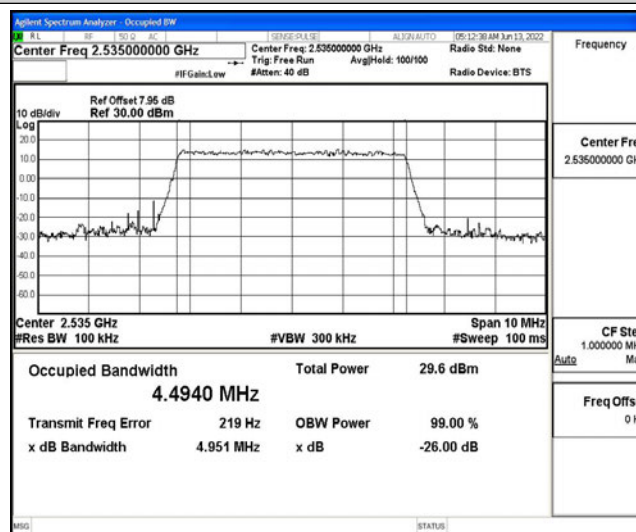




Band7-5MHz-16QAM-20775-25RB#0

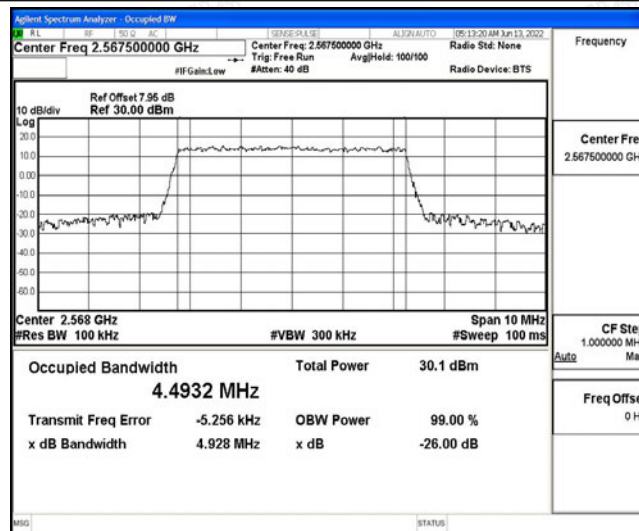


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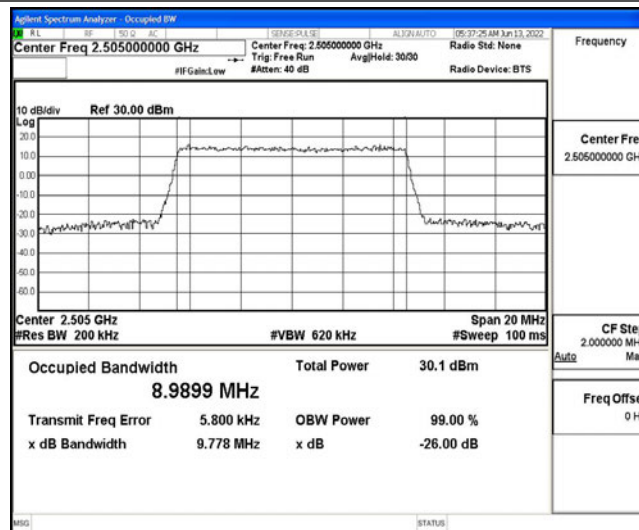


Band7-5MHz-16QAM-21425-25RB#0

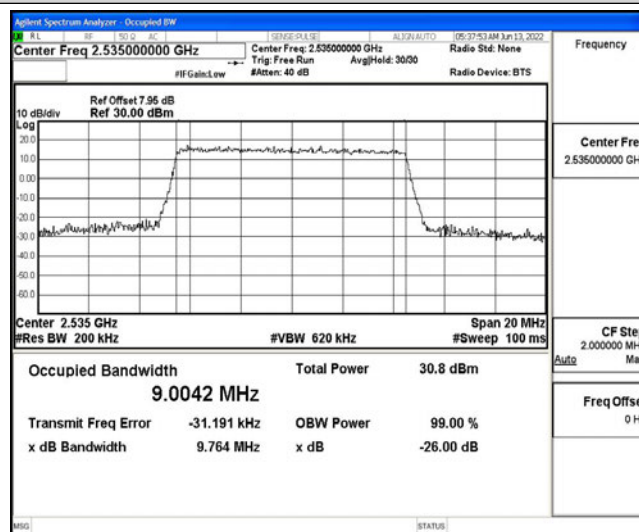




Band7-10MHz-QPSK-20800-50RB#0

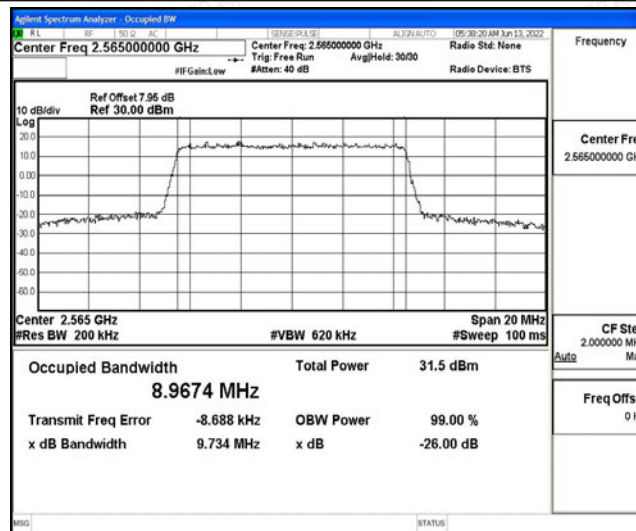


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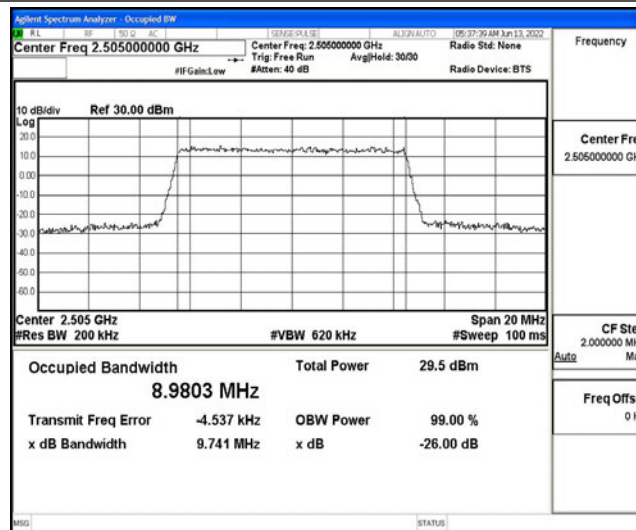


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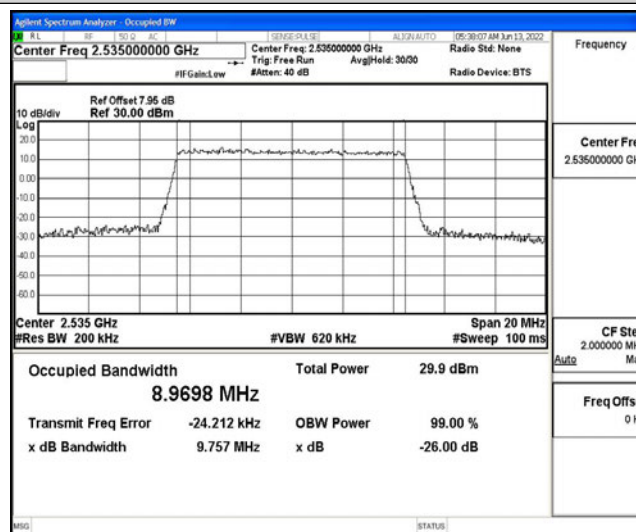




Band7-10MHz-16QAM-20800-50RB#0

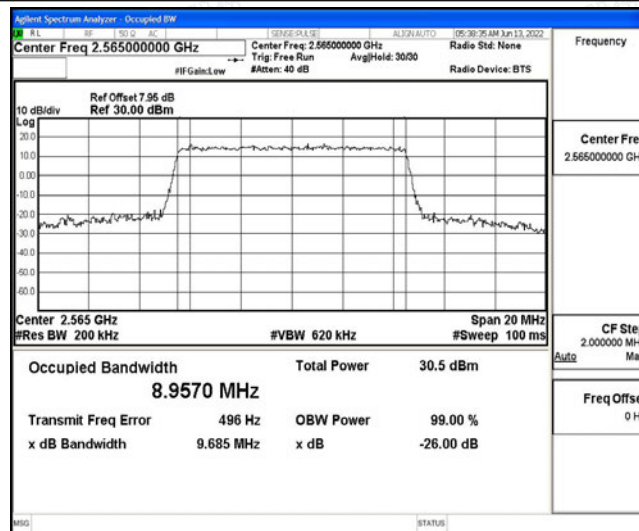


Band7-10MHz-16QAM-21100-50RB#0

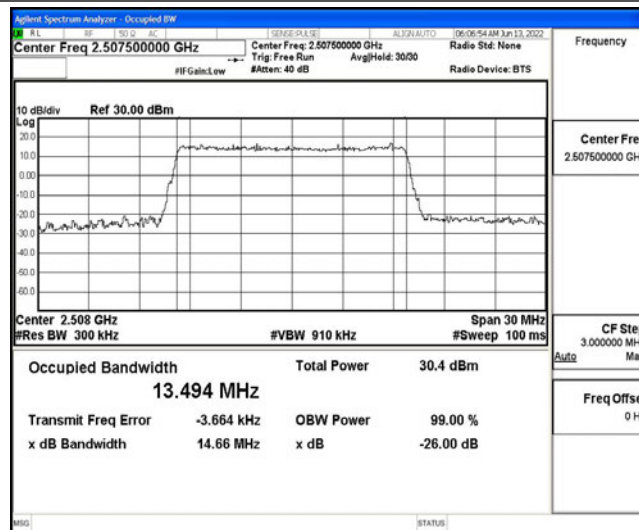


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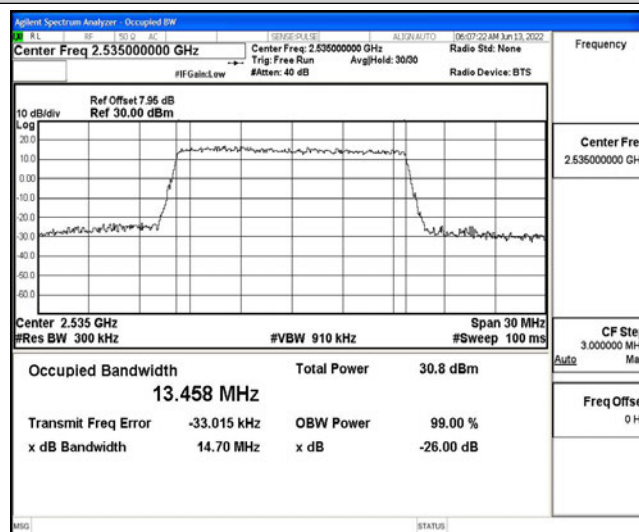




Band7-15MHz-QPSK-20825-75RB#0

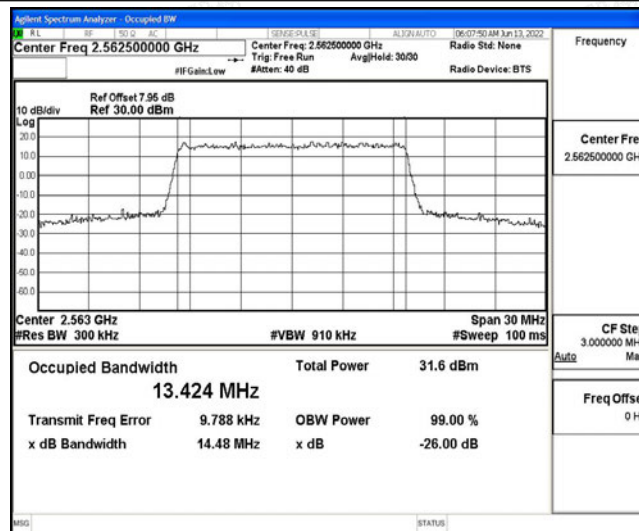


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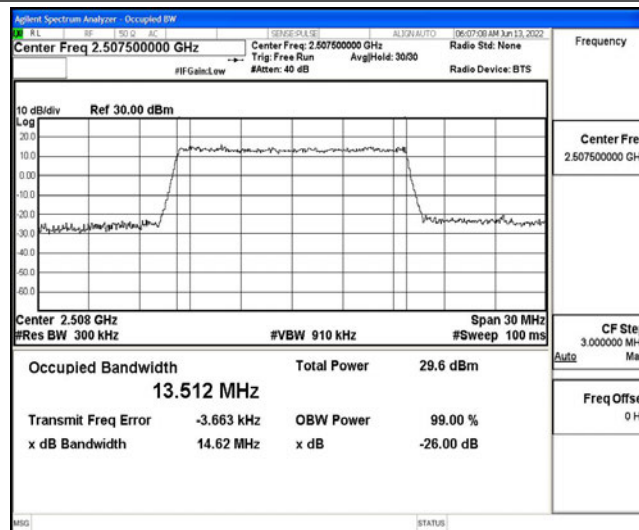


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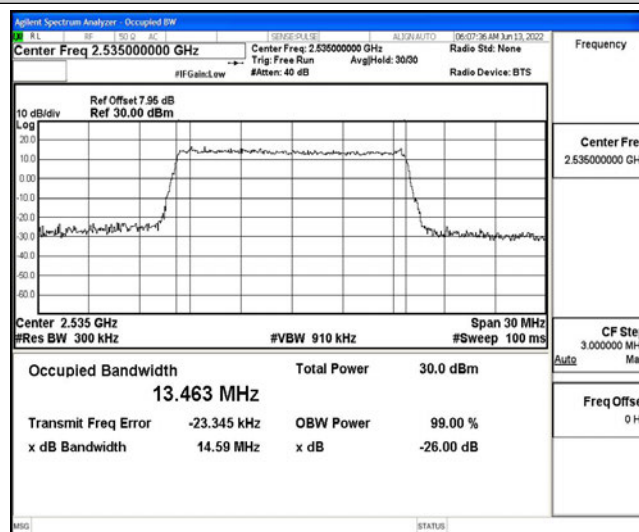




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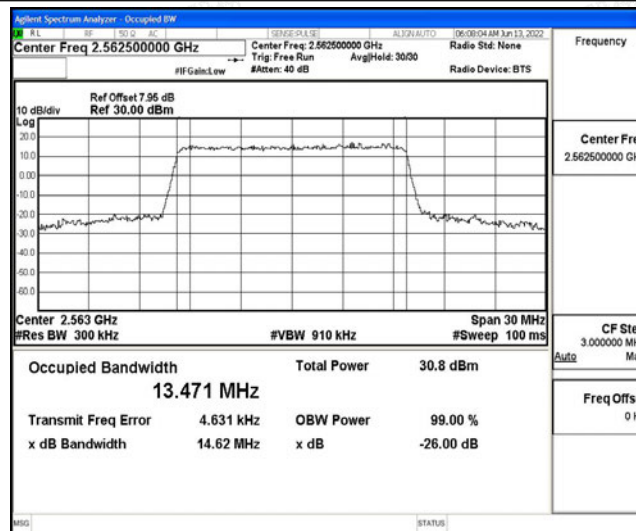


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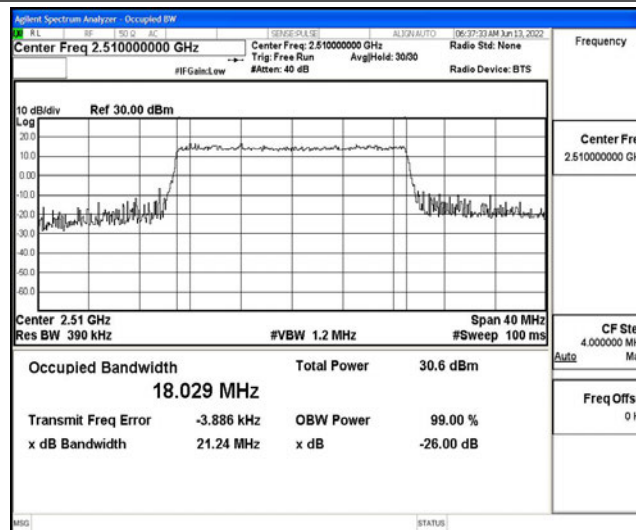


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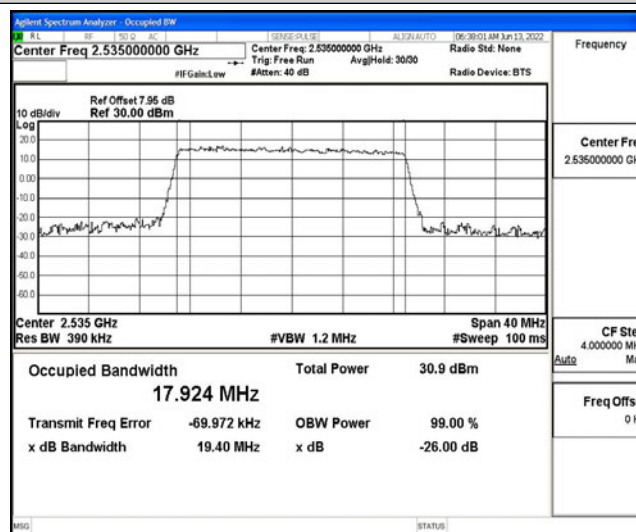




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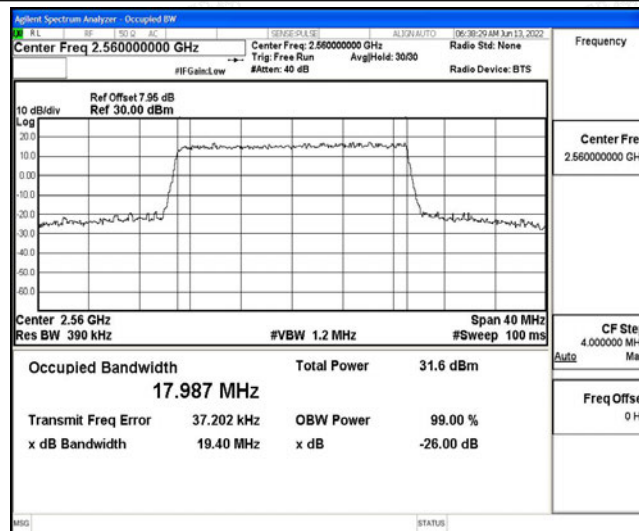


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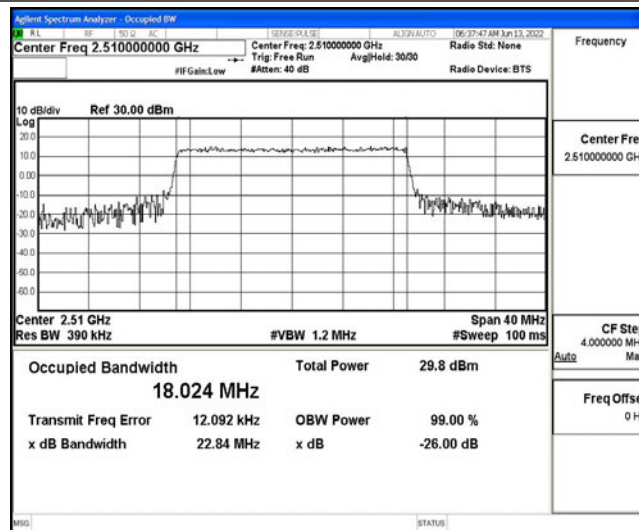


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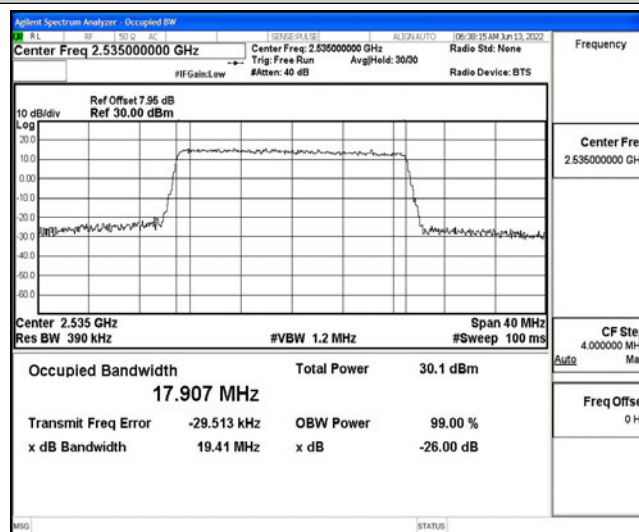




Band7-20MHz-16QAM-20850-100RB#0

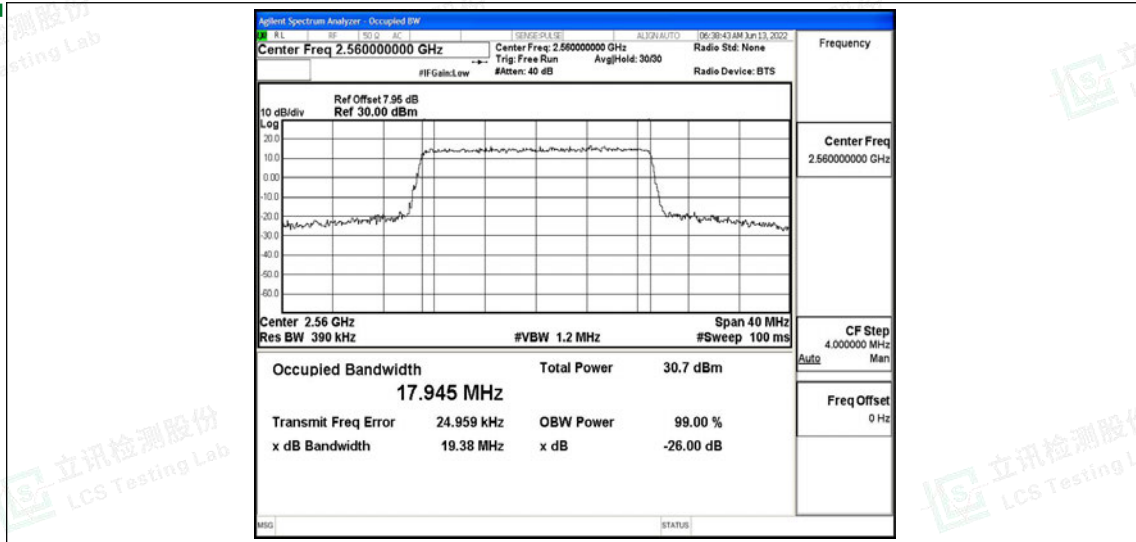


Band7-20MHz-16QAM-21100-100RB#0



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





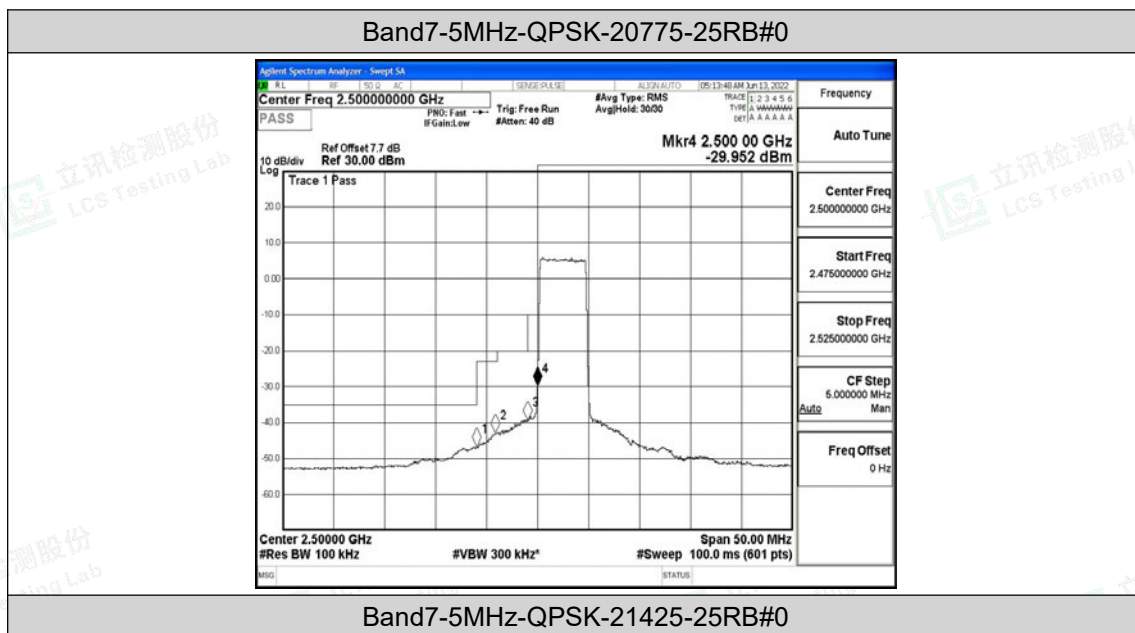


G.4 Band Edge

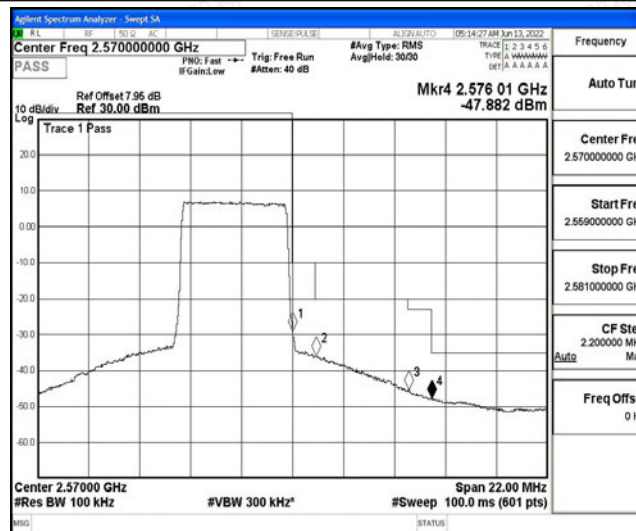
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-46.76,-42.99,-39.34,-29.95	PASS
Band7	5MHz	QPSK	21425	25RB#0	-29.20,-35.98,-45.35,-47.88	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.12,-43.47,-38.66,-29.84	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.04,-38.31,-46.73,-48.40	PASS
Band7	10MHz	QPSK	20800	50RB#0	-44.60,-39.52,-38.55,-32.98	PASS
Band7	10MHz	QPSK	21400	50RB#0	-31.28,-34.30,-38.96,-45.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.16,-38.91,-37.98,-33.78	PASS
Band7	10MHz	16QAM	21400	50RB#0	-33.00,-36.67,-40.95,-45.85	PASS
Band7	15MHz	QPSK	20825	75RB#0	-39.28,-36.53,-35.18,-33.18	PASS
Band7	15MHz	QPSK	21375	75RB#0	-29.53,-30.57,-33.82,-43.07	PASS
Band7	15MHz	16QAM	20825	75RB#0	-41.27,-37.90,-36.49,-33.84	PASS
Band7	15MHz	16QAM	21375	75RB#0	-32.83,-35.13,-37.82,-44.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	-39.08,-37.61,-36.03,-34.71	PASS
Band7	20MHz	QPSK	21350	100RB#0	-31.14,-32.69,-35.08,-43.89	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.58,-37.82,-37.19,-35.84	PASS
Band7	20MHz	16QAM	21350	100RB#0	-33.52,-35.10,-37.41,-44.49	PASS

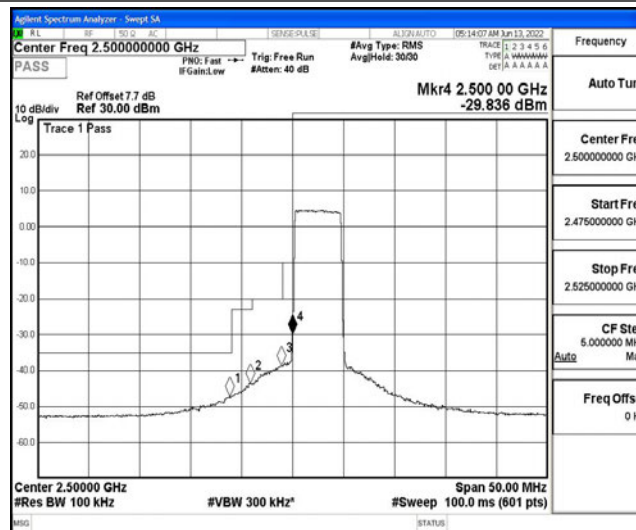
Test Graphs



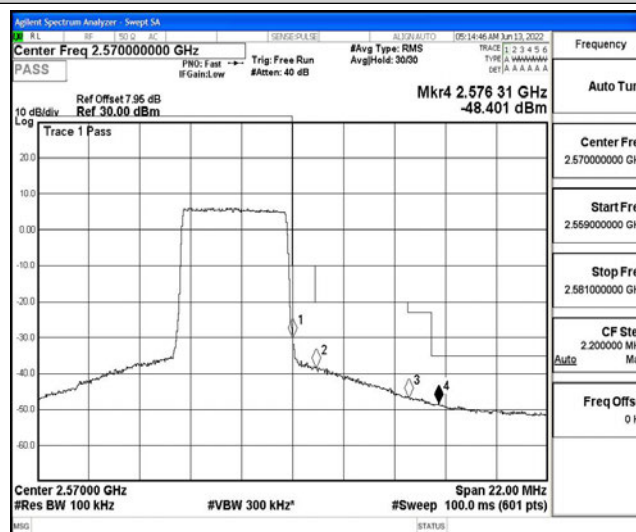
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Band7-5MHz-16QAM-20775-25RB#0



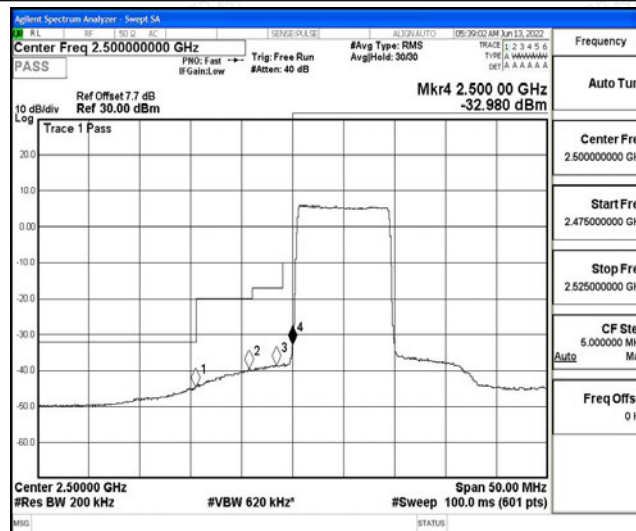
Band7-5MHz-16QAM-21425-25RB#0



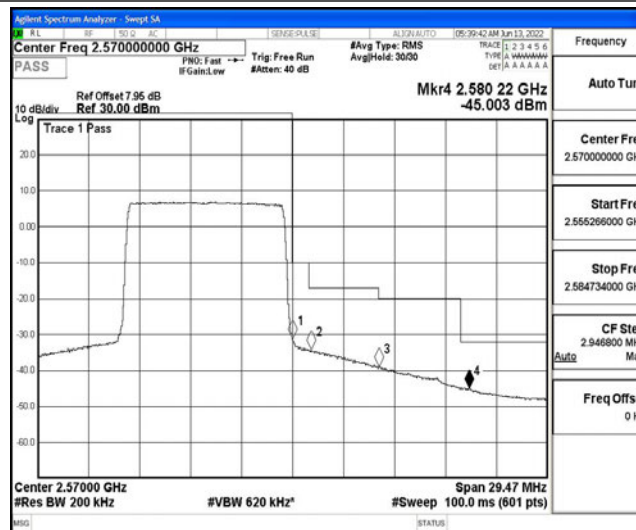
Band7-10MHz-QPSK-20800-50RB#0



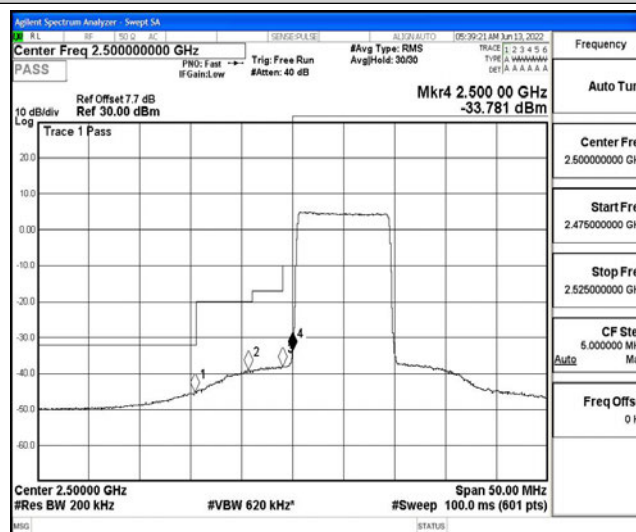
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Band7-10MHz-QPSK-21400-50RB#0

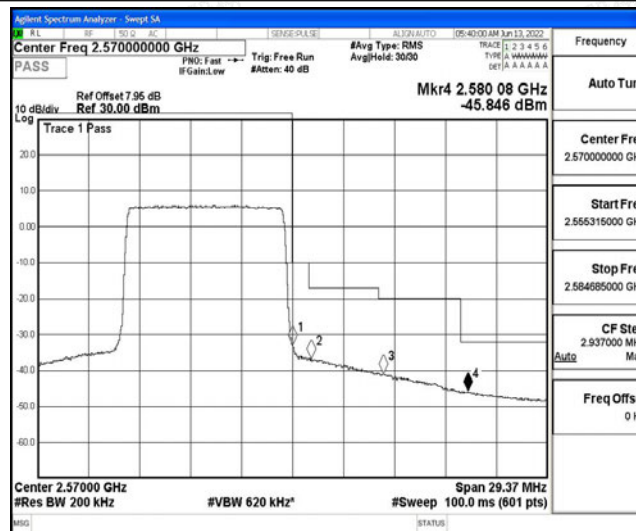


Band7-10MHz-16QAM-20800-50RB#0

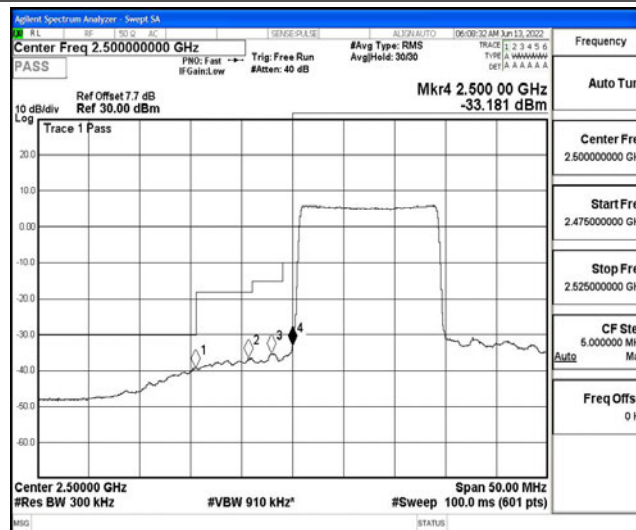


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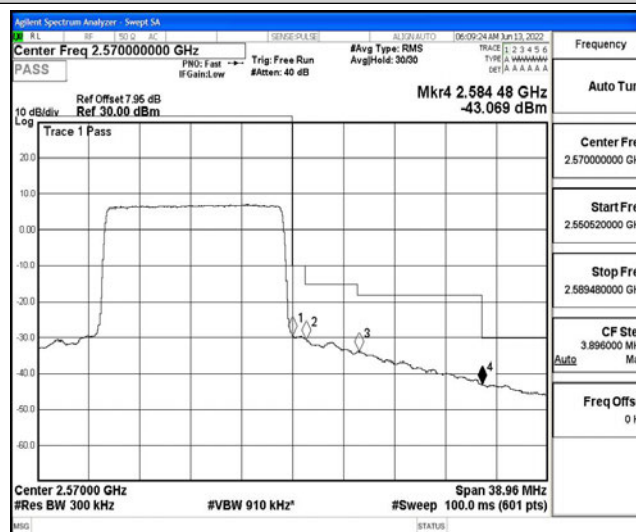




Band7-15MHz-QPSK-20825-75RB#0

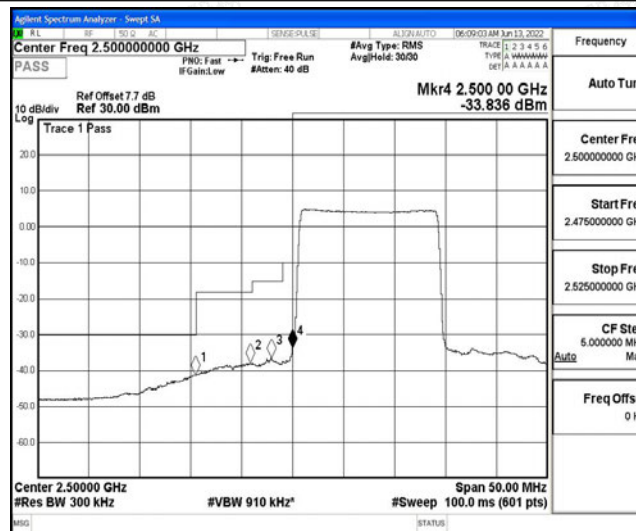


Band7-15MHz-QPSK-21375-75RB#0

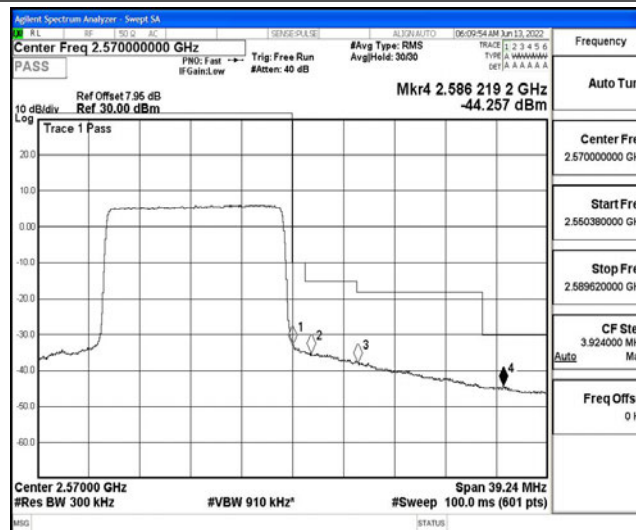


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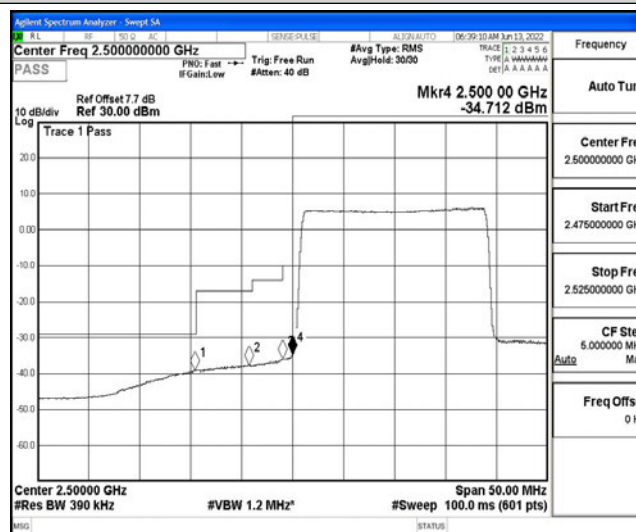




Band7-15MHz-16QAM-21375-75RB#0



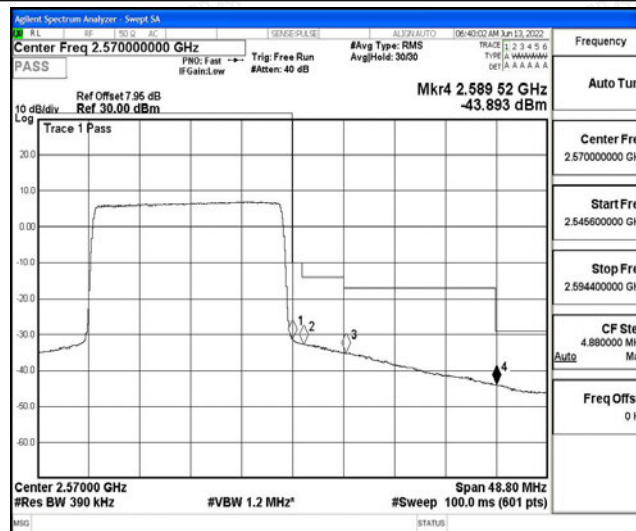
Band7-20MHz-QPSK-20850-100RB#0



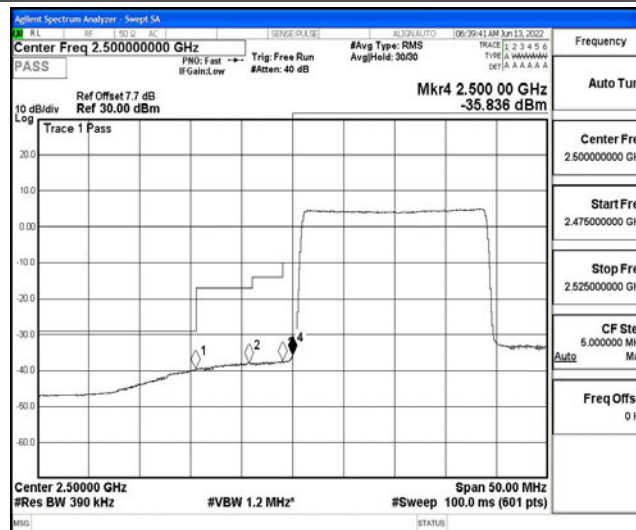
Band7-20MHz-QPSK-21350-100RB#0



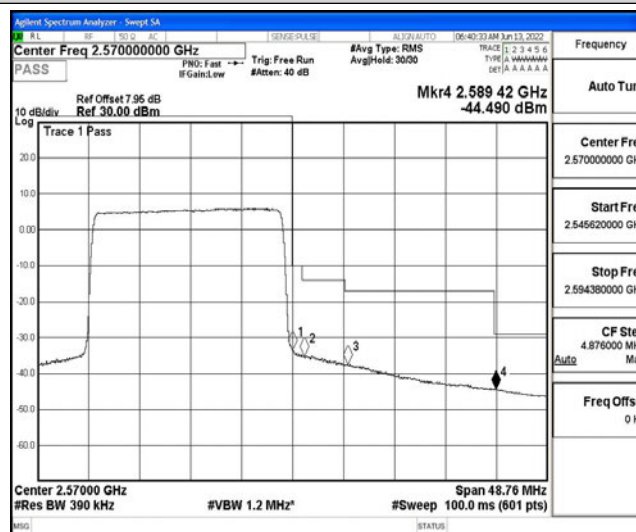
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Band7-20MHz-16QAM-20850-100RB#0



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







G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:0.009~0.15MHz	-65.29	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:30~1000MHz	-42.02	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range5:10000~20000MHz	-49.34	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range6:20000~26500MHz	-37.21	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-63.92	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-52.43	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.83	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.1	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:0.009~0.15MHz	-66.61	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:0.15~30MHz	-50.47	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:30~1000MHz	-42.26	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range5:10000~20000MHz	-49.27	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range6:20000~26500MHz	-37.15	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:0.009~0.15MHz	-64.68	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:0.15~30MHz	-50.81	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:30~1000MHz	-42.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range4:1000~10000MHz	-45	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range5:10000~20000MHz	-49.25	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range6:20000~26500MHz	-37.19	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-64.34	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-50.95	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.66	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.18	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:0.009~0.15MHz	-65.14	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:0.15~30MHz	-50.99	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:30~1000MHz	-41.87	PASS



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Band7	5MHz	16QAM	21425	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range5:10000~20000MHz	-49.3	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range6:20000~26500MHz	-37.27	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:0.009~0.15MHz	-67.27	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:0.15~30MHz	-51.69	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range5:10000~20000MHz	-49.18	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range6:20000~26500MHz	-36.98	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-63.96	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-52.4	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.29	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.13	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:0.009~0.15MHz	-66.55	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:0.15~30MHz	-50.14	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:30~1000MHz	-42.48	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range5:10000~20000MHz	-49.29	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range6:20000~26500MHz	-37.1	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:0.009~0.15MHz	-64.06	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:0.15~30MHz	-51.44	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:30~1000MHz	-41.1	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range6:20000~26500MHz	-37.33	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-64.2	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.39	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-42.74	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.19	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:0.009~0.15MHz	-63.24	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:0.15~30MHz	-52.76	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:30~1000MHz	-42.81	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range5:10000~20000MHz	-49.24	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range6:20000~26500MHz	-37.01	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:0.009~0.15MHz	-64.29	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Band7	15MHz	QPSK	20825	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range5:10000~20000MHz	-49.3	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range6:20000~26500MHz	-37.36	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-66.13	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-51.32	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.49	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.3	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.25	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:0.009~0.15MHz	-66.36	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:0.15~30MHz	-49.66	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:30~1000MHz	-42.28	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range5:10000~20000MHz	-49.34	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range6:20000~26500MHz	-37	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:0.009~0.15MHz	-64.76	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:0.15~30MHz	-51.16	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:30~1000MHz	-41.77	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range6:20000~26500MHz	-37.21	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-64.98	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.07	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.18	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:0.009~0.15MHz	-64	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:0.15~30MHz	-51.9	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:30~1000MHz	-41.75	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range5:10000~20000MHz	-49.34	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range6:20000~26500MHz	-37.36	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:0.009~0.15MHz	-64.87	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:0.15~30MHz	-51.39	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range5:10000~20000MHz	-49.29	PASS





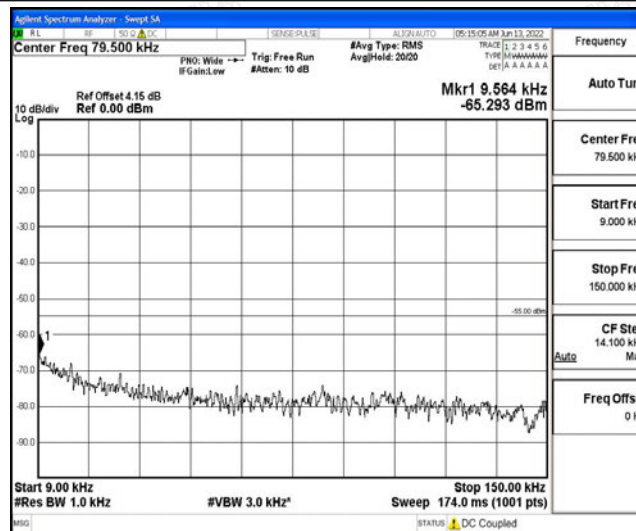
Band7	20MHz	QPSK	20850	1RB#0	Range6:20000~26500MHz	-37.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-64.73	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-50.8	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.72	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.31	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.2	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:0.009~0.15MHz	-66.37	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:0.15~30MHz	-49.67	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:30~1000MHz	-42.69	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range6:20000~26500MHz	-37.15	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:0.009~0.15MHz	-65.83	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:0.15~30MHz	-52.38	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:30~1000MHz	-41.77	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range5:10000~20000MHz	-49.34	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range6:20000~26500MHz	-37.32	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-64.03	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.39	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.27	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:0.009~0.15MHz	-65.18	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:0.15~30MHz	-50.6	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:30~1000MHz	-42.3	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range5:10000~20000MHz	-49.31	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range6:20000~26500MHz	-37.17	PASS

Test Graphs

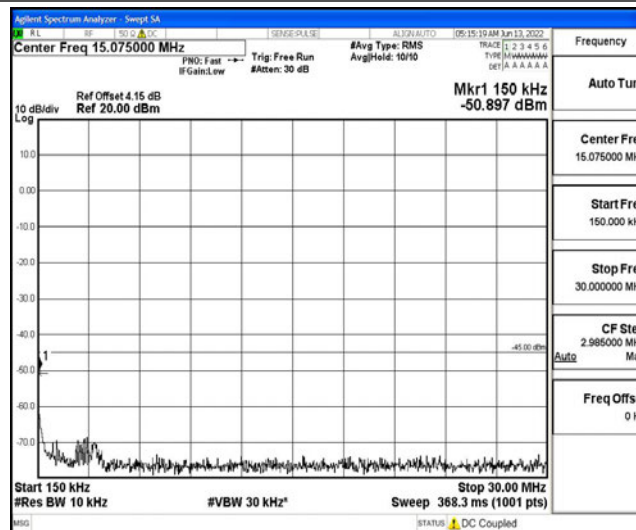
Band7-5MHz-QPSK-20775-1RB#0-Range1:0.009~0.15MHz



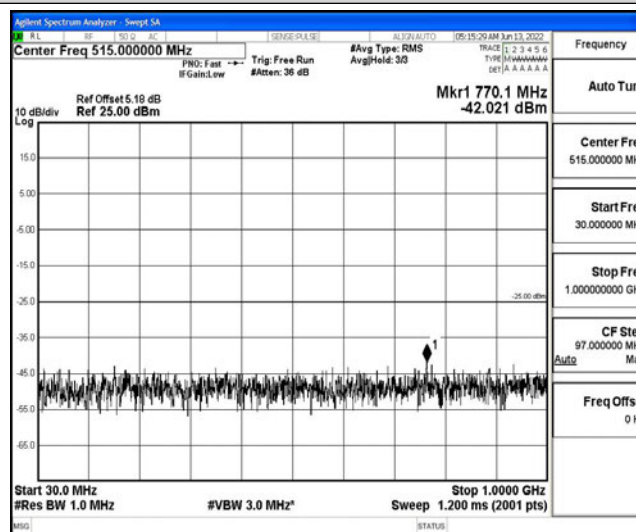
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Scan code to check authenticity



Band7-5MHz-QPSK-20775-1RB#0-Range2:0.15~30MHz

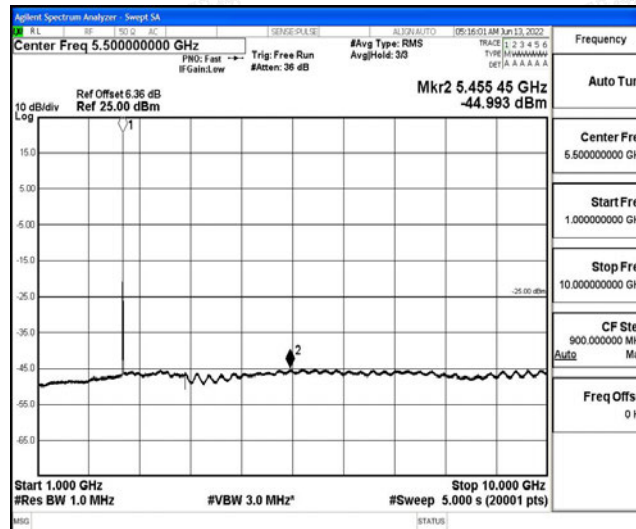


Band7-5MHz-QPSK-20775-1RB#0-Range3:30~1000MHz

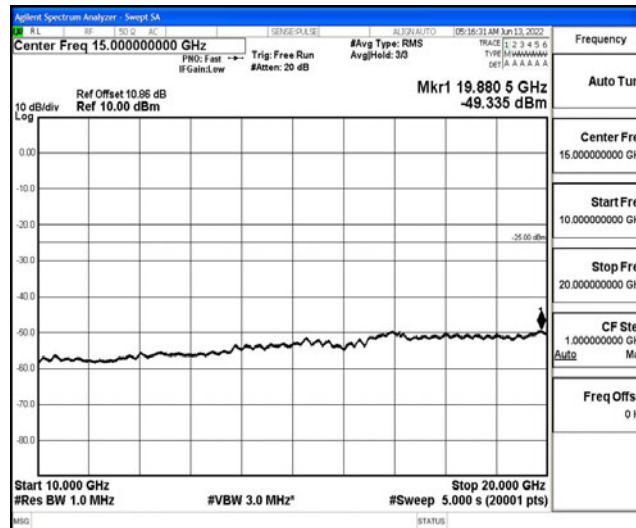


Band7-5MHz-QPSK-20775-1RB#0-Range4:1000~10000MHz

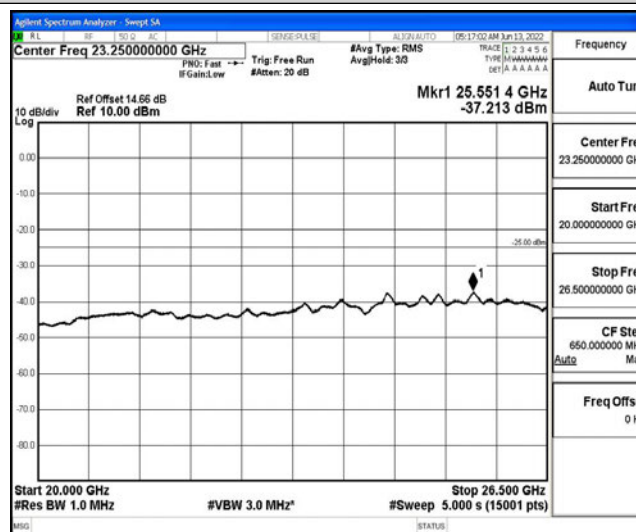




Band7-5MHz-QPSK-20775-1RB#0-Range5:10000~20000MHz

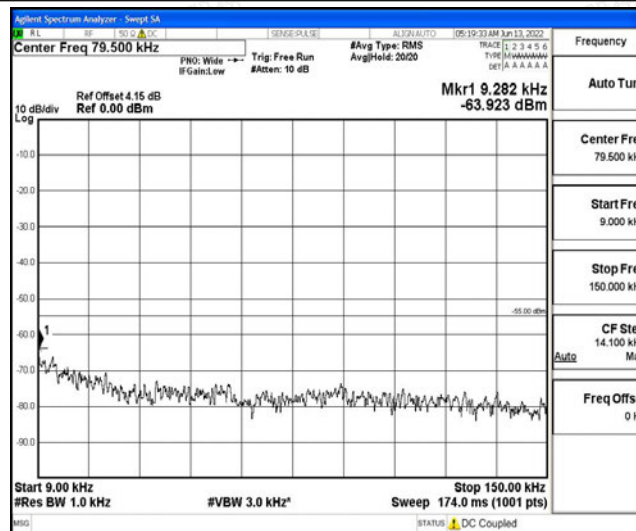


Band7-5MHz-QPSK-20775-1RB#0-Range6:20000~26500MHz

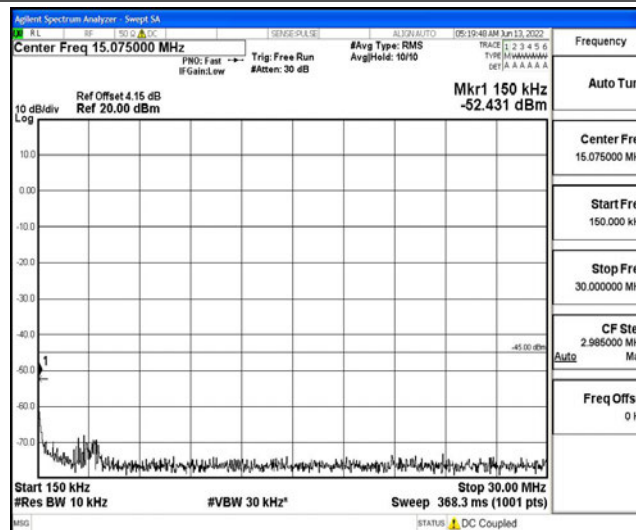


Band7-5MHz-QPSK-21100-1RB#0-Range1:0.009~0.15MHz

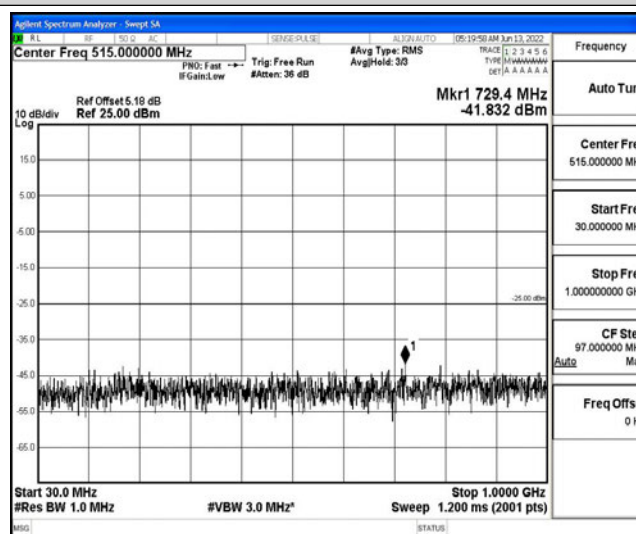




Band7-5MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz

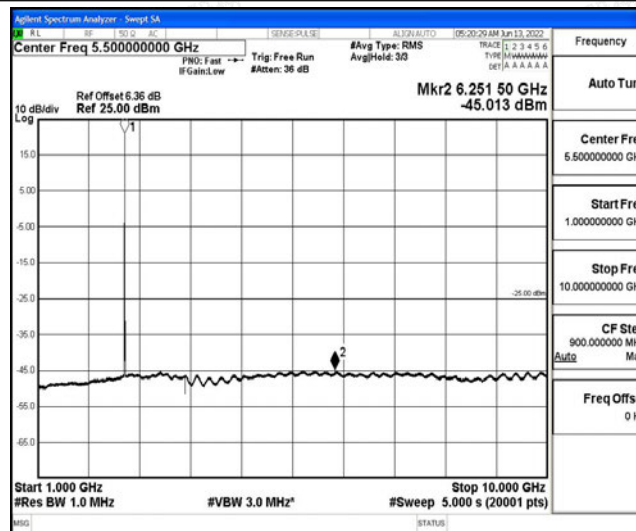


Band7-5MHz-QPSK-21100-1RB#0-Range3:30~1000MHz

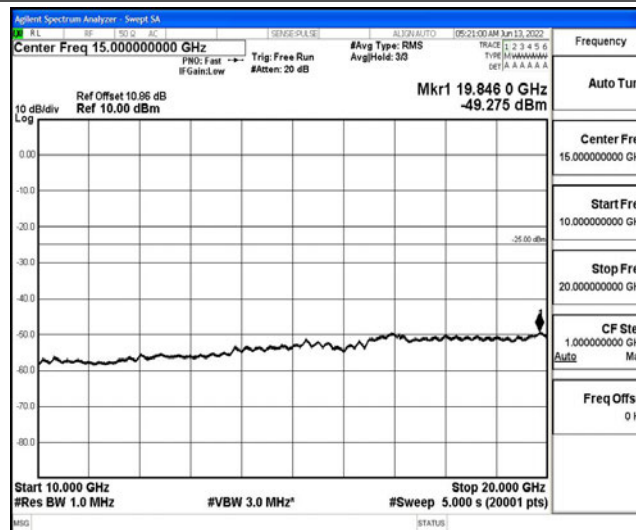


Band7-5MHz-QPSK-21100-1RB#0-Range4:1000~10000MHz

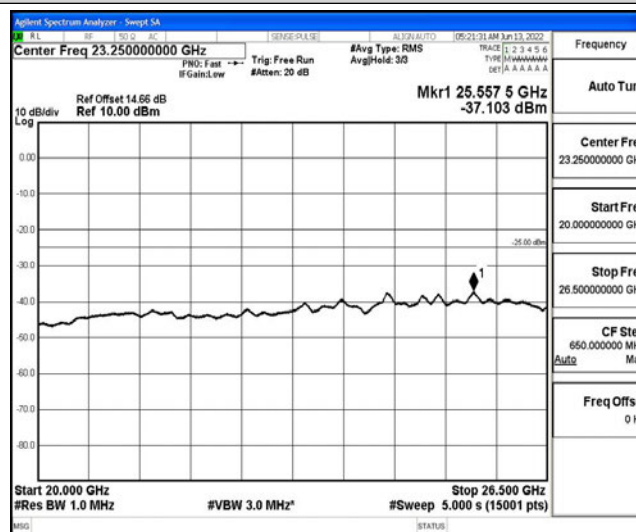




Band7-5MHz-QPSK-21100-1RB#0-Range5:10000~20000MHz

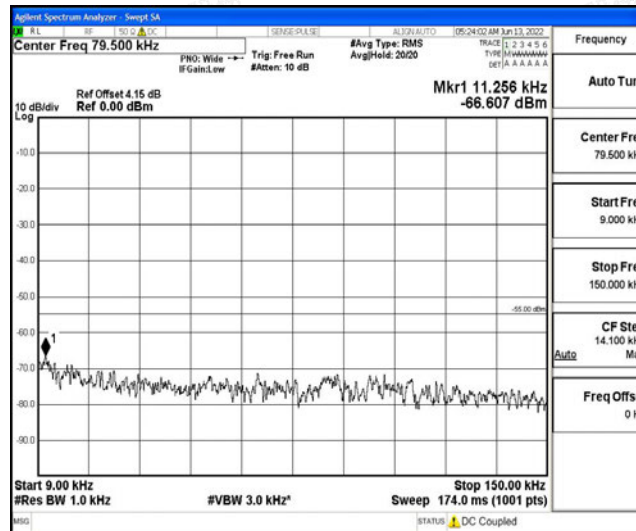


Band7-5MHz-QPSK-21100-1RB#0-Range6:20000~26500MHz

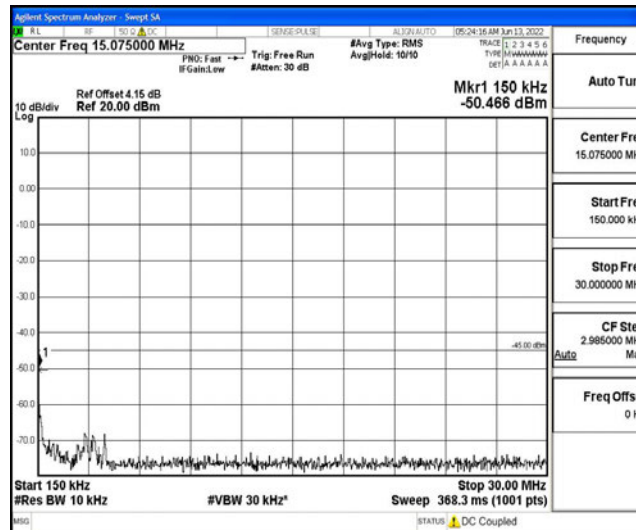


Band7-5MHz-QPSK-21425-1RB#0-Range1:0.009~0.15MHz

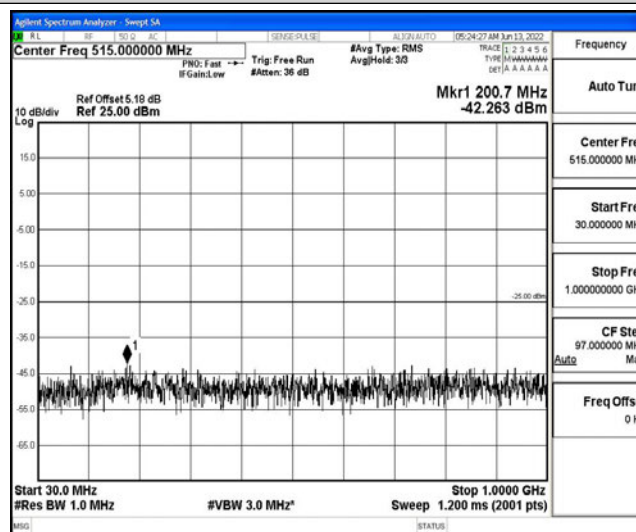




Band7-5MHz-QPSK-21425-1RB#0-Range2:0.15~30MHz

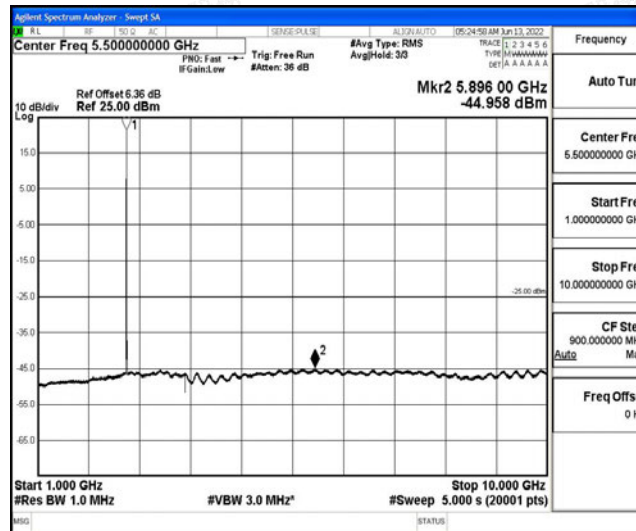


Band7-5MHz-QPSK-21425-1RB#0-Range3:30~1000MHz

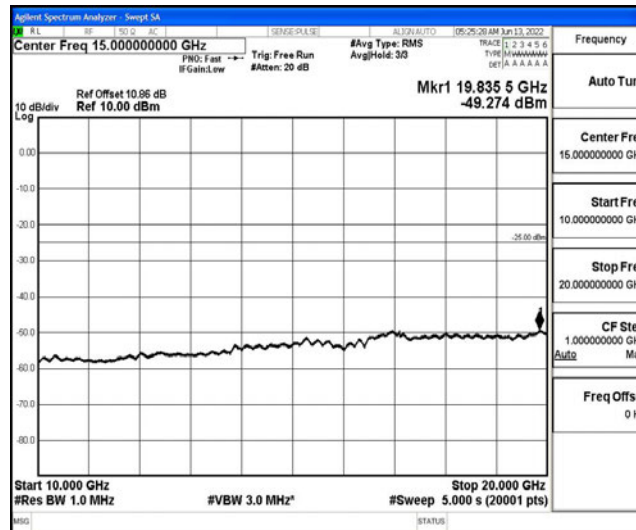


Band7-5MHz-QPSK-21425-1RB#0-Range4:1000~10000MHz

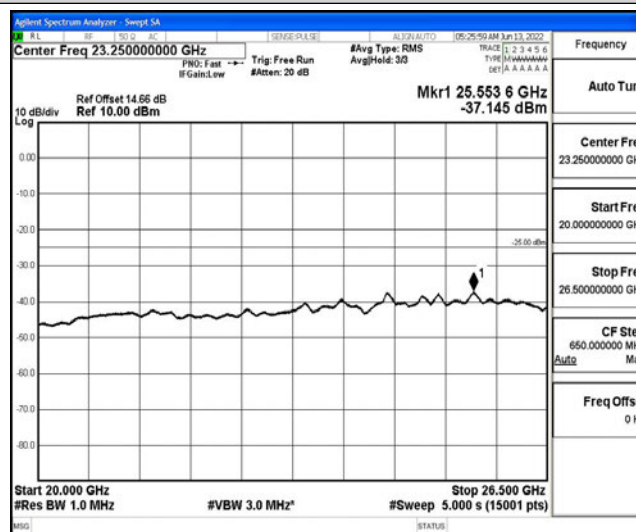




Band7-5MHz-QPSK-21425-1RB#0-Range5:10000~20000MHz

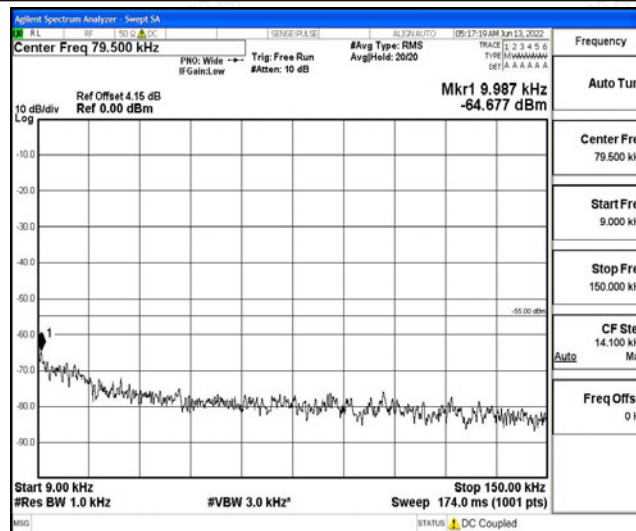


Band7-5MHz-QPSK-21425-1RB#0-Range6:20000~26500MHz

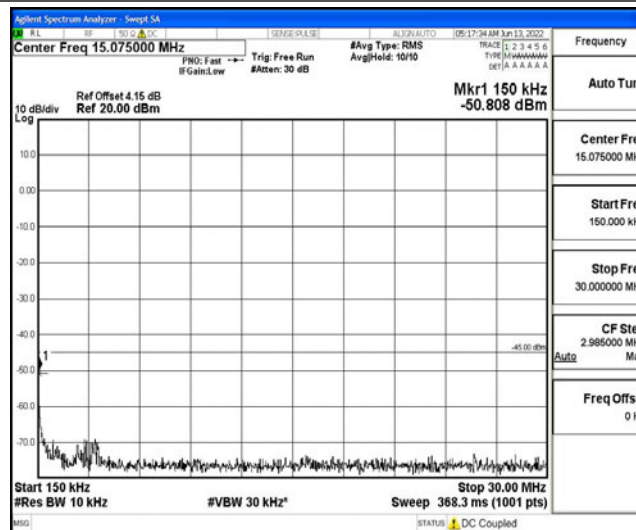


Band7-5MHz-16QAM-20775-1RB#0-Range1:0.009~0.15MHz

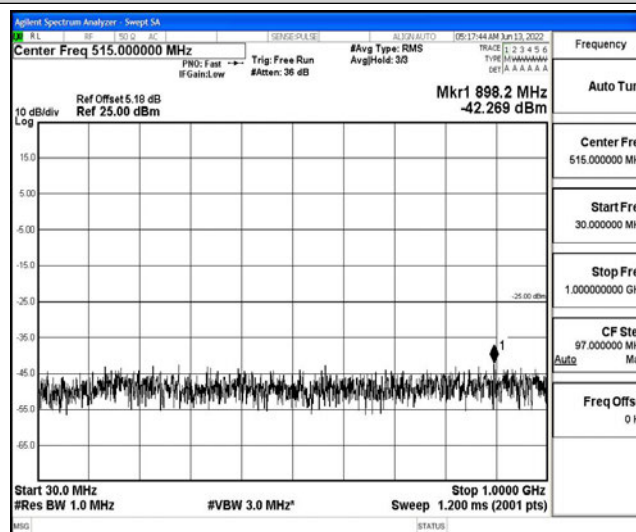




Band7-5MHz-16QAM-20775-1RB#0-Range2:0.15~30MHz



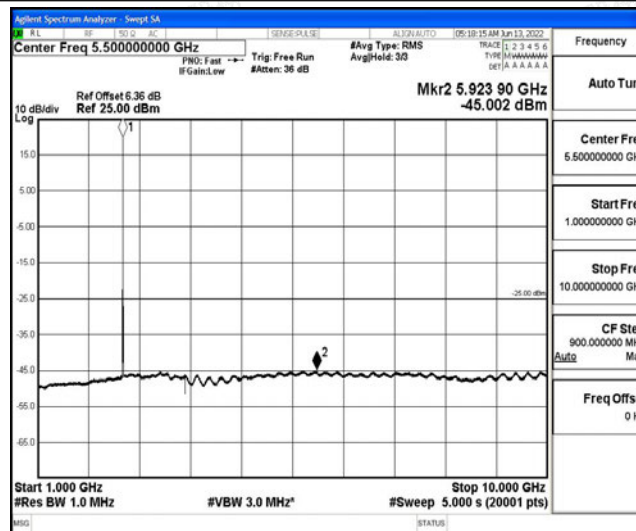
Band7-5MHz-16QAM-20775-1RB#0-Range3:30~1000MHz



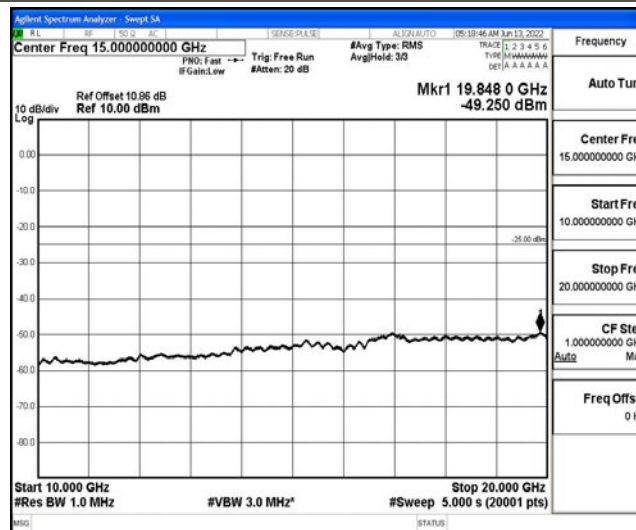
Band7-5MHz-16QAM-20775-1RB#0-Range4:1000~10000MHz



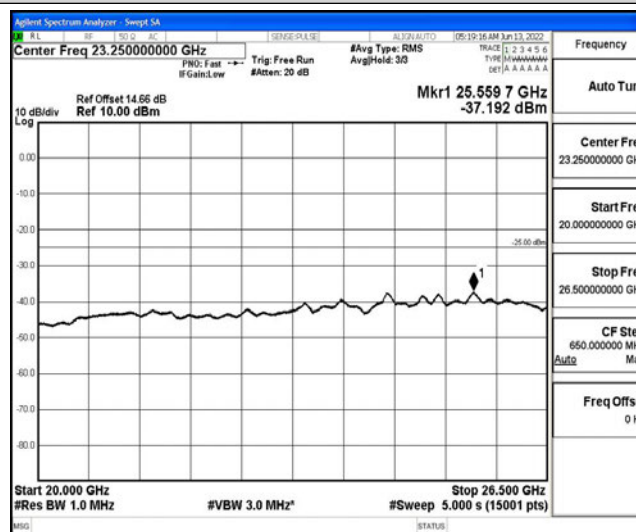
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Band7-5MHz-16QAM-20775-1RB#0-Range5:10000~20000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range6:20000~26500MHz



Band7-5MHz-16QAM-21100-1RB#0-Range1:0.009~0.15MHz

