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Appendix B.5

LTE Band 25



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.62	26.25	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.61	26.24	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.57	26.2	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.61	25.24	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.96	26.59	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.69	26.32	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.6	26.23	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.67	25.3	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.62	26.25	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.63	26.26	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.64	26.27	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.69	25.32	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.76	25.39	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.78	25.41	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.75	25.38	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.6	24.23	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.81	25.44	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.81	25.44	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.79	25.42	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.67	24.3	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.8	25.43	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.77	25.4	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.81	25.44	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.69	24.32	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	21.8	24.43	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	21.8	24.43	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	21.8	24.43	33	PASS



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					ı aye.	3 01 0)	
Band25	1.4MHz	64QAM	26047	6RB#0	20.55	23.18	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	21.75	24.38	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#2	21.86	24.49	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	21.8	24.43	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	20.65	23.28	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	21.77	24.4	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	21.82	24.45	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	21.83	24.46	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	20.61	23.24	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#0	18.65	21.28	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#2	18.62	21.25	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#5	18.63	21.26	33	PASS
Band25	1.4MHz	256QAM	26047	6RB#0	18.52	21.15	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#0	18.85	21.48	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#2	18.67	21.3	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#5	18.67	21.3	33	PASS
Band25	1.4MHz	256QAM	26365	6RB#0	18.59	21.22	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#0	18.65	21.28	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#2	18.66	21.29	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#5	18.7	21.33	33	PASS
Band25	1.4MHz	256QAM	26683	6RB#0	18.56	21.19	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.6	26.23	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.59	26.22	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.61	26.24	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.67	25.3	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.58	26.21	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.63	26.26	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.63	26.26	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.69	25.32	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.67	26.3	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.64	26.27	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.64	26.27	33	PASS



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					ı aye.	4 01 0)	
Band25	3MHz	QPSK	26675	15RB#0	22.7	25.33	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.73	25.36	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.71	25.34	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.76	25.39	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.66	24.29	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.77	25.4	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.83	25.46	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.74	25.37	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.67	24.3	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.88	25.51	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.78	25.41	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.82	25.45	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.68	24.31	33	PASS
Band25	3MHz	64QAM	26055	1RB#0	21.8	24.43	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	21.8	24.43	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	21.78	24.41	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	20.63	23.26	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	21.75	24.38	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	21.8	24.43	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	21.83	24.46	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	20.64	23.27	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	21.84	24.47	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	21.79	24.42	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	21.83	24.46	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	20.73	23.36	33	PASS
Band25	3MHz	256QAM	26055	1RB#0	18.64	21.27	33	PASS
Band25	3MHz	256QAM	26055	1RB#8	18.67	21.3	33	PASS
Band25	3MHz	256QAM	26055	1RB#14	18.64	21.27	33	PASS
Band25	3MHz	256QAM	26055	15RB#0	18.6	21.23	33	PASS
Band25	3MHz	256QAM	26365	1RB#0	18.96	21.59	33	PASS
Band25	3MHz	256QAM	26365	1RB#8	18.66	21.29	33	PASS
Band25	3MHz	256QAM	26365	1RB#14	18.68	21.31	33	PASS



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Band25	3MHz	256QAM	26365	15RB#0	18.59	21.22	33	PASS
Band25	3MHz	256QAM	26675	1RB#0	18.65	21.28	33	PASS
Band25	3MHz	256QAM	26675	1RB#8	18.64	21.27	33	PASS
Band25	3MHz	256QAM	26675	1RB#14	18.69	21.32	33	PASS
Band25	3MHz	256QAM	26675	15RB#0	18.66	21.29	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.64	26.27	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.65	26.28	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.65	26.28	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.63	25.26	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.68	26.31	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.7	26.33	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.65	26.28	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.7	25.33	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.67	26.3	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.71	26.34	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.7	26.33	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.7	25.33	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.79	25.42	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.77	25.4	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.81	25.44	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.59	24.22	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.82	25.45	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.83	25.46	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.82	25.45	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.63	24.26	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.82	25.45	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.81	25.44	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.79	25.42	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.66	24.29	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	21.8	24.43	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	21.88	24.51	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	21.73	24.36	33	PASS



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Band25	5MHz	64QAM	26065	25RB#0	20.55	23.18	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	21.87	24.5	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	21.87	24.5	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	21.85	24.48	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	20.64	23.27	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	21.8	24.43	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	21.89	24.52	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	21.88	24.51	33	PASS
Band25	5MHz	64QAM	26665	25RB#0	20.66	23.29	33	PASS
Band25	5MHz	256QAM	26065	1RB#0	18.67	21.3	33	PASS
Band25	5MHz	256QAM	26065	1RB#12	18.66	21.29	33	PASS
Band25	5MHz	256QAM	26065	1RB#24	18.72	21.35	33	PASS
Band25	5MHz	256QAM	26065	25RB#0	18.57	21.2	33	PASS
Band25	5MHz	256QAM	26365	1RB#0	18.58	21.21	33	PASS
Band25	5MHz	256QAM	26365	1RB#12	18.65	21.28	33	PASS
Band25	5MHz	256QAM	26365	1RB#24	18.64	21.27	33	PASS
Band25	5MHz	256QAM	26365	25RB#0	18.62	21.25	33	PASS
Band25	5MHz	256QAM	26665	1RB#0	18.66	21.29	33	PASS
Band25	5MHz	256QAM	26665	1RB#12	18.71	21.34	33	PASS
Band25	5MHz	256QAM	26665	1RB#24	18.69	21.32	33	PASS
Band25	5MHz	256QAM	26665	25RB#0	18.66	21.29	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.63	26.26	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.64	26.27	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.67	26.3	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.69	25.32	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.63	26.26	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.66	26.29	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.67	26.3	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.69	25.32	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.66	26.29	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.68	26.31	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.69	26.32	33	PASS



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Band25	10MHz	QPSK	26640	50RB#0	22.73	25.36	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.78	25.41	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.78	25.41	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.82	25.45	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.64	24.27	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.8	25.43	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.81	25.44	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.78	25.41	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.63	24.26	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.87	25.5	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	22.82	25.45	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.81	25.44	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.69	24.32	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	21.82	24.45	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	21.81	24.44	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	21.86	24.49	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	20.63	23.26	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	21.82	24.45	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	21.86	24.49	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	21.83	24.46	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	20.64	23.27	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	21.82	24.45	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	21.85	24.48	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	21.88	24.51	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	20.68	23.31	33	PASS
Band25	10MHz	256QAM	26090	1RB#0	18.69	21.32	33	PASS
Band25	10MHz	256QAM	26090	1RB#24	18.69	21.32	33	PASS
Band25	10MHz	256QAM	26090	1RB#49	18.7	21.33	33	PASS
Band25	10MHz	256QAM	26090	50RB#0	18.6	21.23	33	PASS
Band25	10MHz	256QAM	26365	1RB#0	18.96	21.59	33	PASS
Band25	10MHz	256QAM	26365	1RB#24	18.72	21.35	33	PASS
Band25	10MHz	256QAM	26365	1RB#49	18.68	21.31	33	PASS
	_							_



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					raye.	0 01 0	, <u> </u>	
Band25	10MHz	256QAM	26365	50RB#0	18.55	21.18	33	PASS
Band25	10MHz	256QAM	26640	1RB#0	18.63	21.26	33	PASS
Band25	10MHz	256QAM	26640	1RB#24	18.7	21.33	33	PASS
Band25	10MHz	256QAM	26640	1RB#49	18.75	21.38	33	PASS
Band25	10MHz	256QAM	26640	50RB#0	18.64	21.27	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.51	26.14	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.63	26.26	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.62	26.25	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.66	25.29	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.57	26.2	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.72	26.35	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.61	26.24	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.66	25.29	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.58	26.21	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.76	26.39	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.64	26.27	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.7	25.33	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.75	25.38	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.79	25.42	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.76	25.39	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.63	24.26	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.81	25.44	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.79	25.42	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.78	25.41	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.61	24.24	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.8	25.43	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.92	25.55	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.79	25.42	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.71	24.34	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	21.8	24.43	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	21.82	24.45	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	21.85	24.48	33	PASS
			l l					



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					ı aye.	9 01 0)	
Band25	15MHz	64QAM	26115	75RB#0	20.55	23.18	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	21.77	24.4	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	21.77	24.4	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	21.71	24.34	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	20.59	23.22	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	21.72	24.35	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	21.81	24.44	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	21.87	24.5	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	20.65	23.28	33	PASS
Band25	15MHz	256QAM	26115	1RB#0	18.65	21.28	33	PASS
Band25	15MHz	256QAM	26115	1RB#38	18.68	21.31	33	PASS
Band25	15MHz	256QAM	26115	1RB#74	18.74	21.37	33	PASS
Band25	15MHz	256QAM	26115	75RB#0	18.58	21.21	33	PASS
Band25	15MHz	256QAM	26365	1RB#0	18.79	21.42	33	PASS
Band25	15MHz	256QAM	26365	1RB#38	18.7	21.33	33	PASS
Band25	15MHz	256QAM	26365	1RB#74	18.66	21.29	33	PASS
Band25	15MHz	256QAM	26365	75RB#0	18.59	21.22	33	PASS
Band25	15MHz	256QAM	26615	1RB#0	18.98	21.61	33	PASS
Band25	15MHz	256QAM	26615	1RB#38	18.76	21.39	33	PASS
Band25	15MHz	256QAM	26615	1RB#74	18.73	21.36	33	PASS
Band25	15MHz	256QAM	26615	75RB#0	18.64	21.27	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.53	26.16	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.63	26.26	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.66	26.29	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.7	25.33	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.57	26.2	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.67	26.3	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.65	26.28	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.68	25.31	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.61	26.24	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.68	26.31	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.69	26.32	33	PASS



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					Page:	10 01	02	
Band25	20MHz	QPSK	26590	100RB#0	22.75	25.38	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.7	25.33	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.8	25.43	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.79	25.42	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.68	24.31	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.72	25.35	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.86	25.49	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.8	25.43	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.64	24.27	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.69	25.32	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.83	25.46	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.84	25.47	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.69	24.32	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	21.66	24.29	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	21.78	24.41	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	21.87	24.5	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	20.64	23.27	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	21.69	24.32	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	21.81	24.44	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	21.8	24.43	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	20.62	23.25	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	21.77	24.4	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	21.78	24.41	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	21.89	24.52	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	20.68	23.31	33	PASS
Band25	20MHz	256QAM	26140	1RB#0	18.66	21.29	33	PASS
Band25	20MHz	256QAM	26140	1RB#49	18.69	21.32	33	PASS
Band25	20MHz	256QAM	26140	1RB#99	18.71	21.34	33	PASS
Band25	20MHz	256QAM	26140	100RB#0	18.64	21.27	33	PASS
Band25	20MHz	256QAM	26365	1RB#0	18.75	21.38	33	PASS
Band25	20MHz	256QAM	26365	1RB#49	18.64	21.27	33	PASS
Band25	20MHz	256QAM	26365	1RB#99	18.68	21.31	33	PASS



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					. 490.			
Band25	20MHz	256QAM	26365	100RB#0	18.6	21.23	33	PASS
Band25	20MHz	256QAM	26590	1RB#0	18.99	21.62	33	PASS
Band25	20MHz	256QAM	26590	1RB#49	18.69	21.32	33	PASS
Band25	20MHz	256QAM	26590	1RB#99	18.73	21.36	33	PASS
Band25	20MHz	256QAM	26590	100RB#0	18.62	21.25	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	5.82	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.72	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.56	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.64	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.56	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.42	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.84	13	PASS
Band25	20MHz	64QAM	26365	100RB#0	6.84	13	PASS
Band25	20MHz	64QAM	26590	100RB#0	6.82	13	PASS
Band25	20MHz	256QAM	26140	100RB#0	6.92	13	PASS
Band25	20MHz	256QAM	26365	100RB#0	7.00	13	PASS
Band25	20MHz	256QAM	26590	100RB#0	7.12	13	PASS



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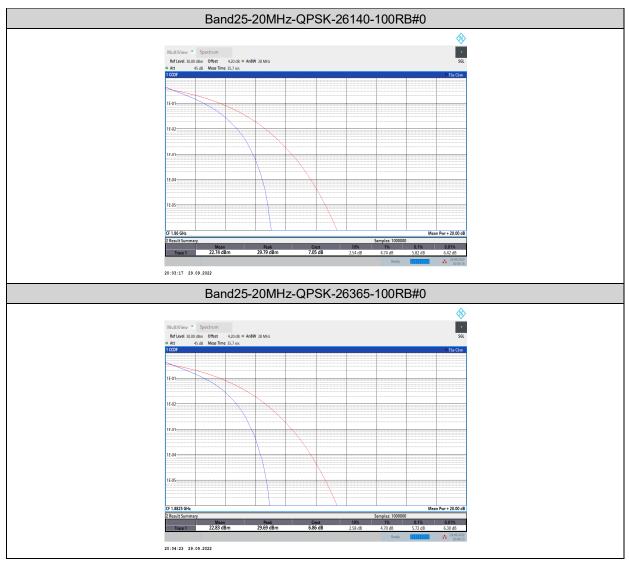


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Test Graphs





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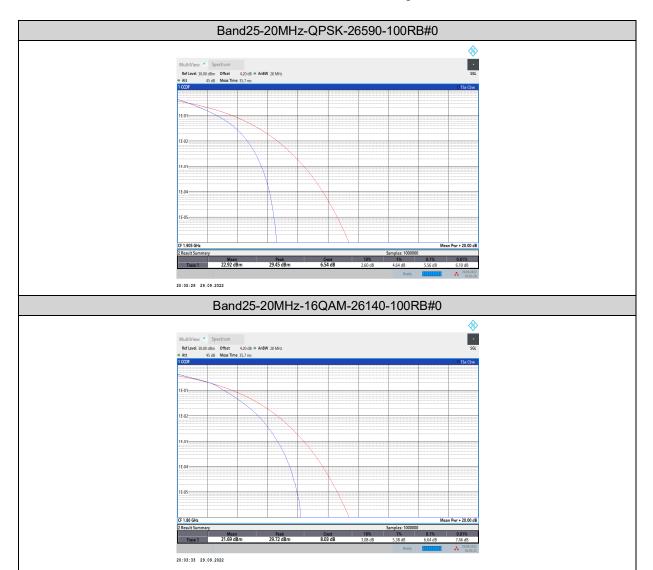
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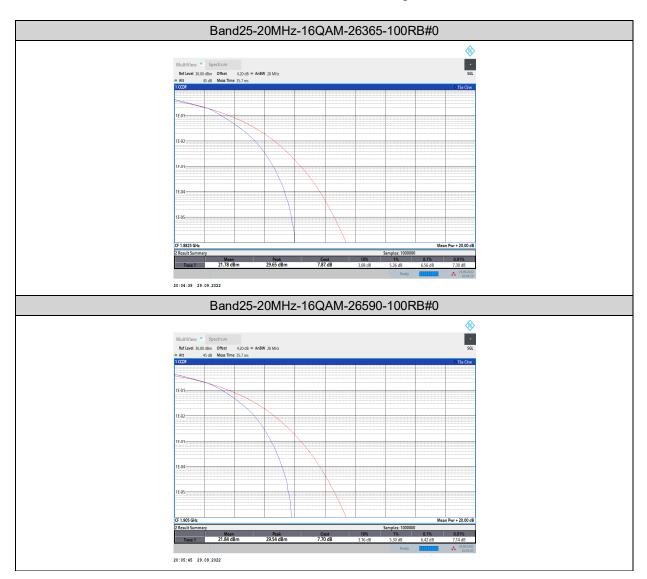
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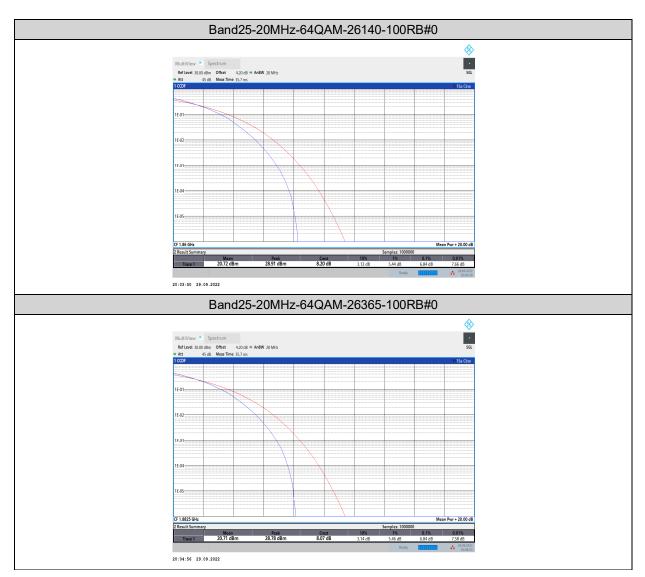
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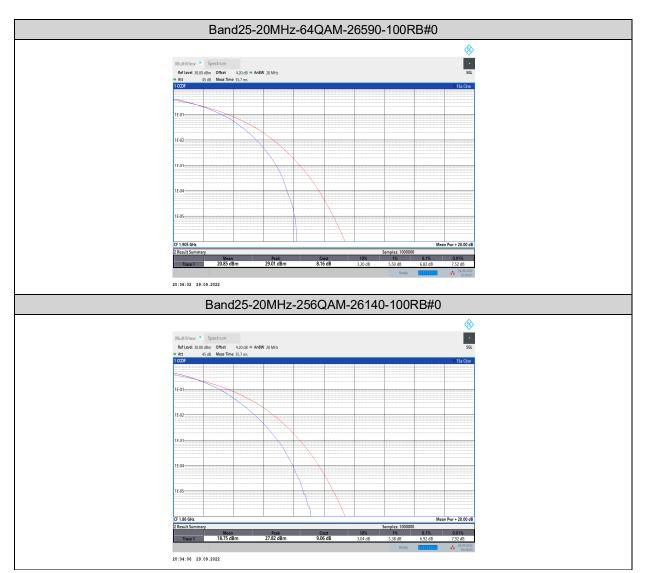
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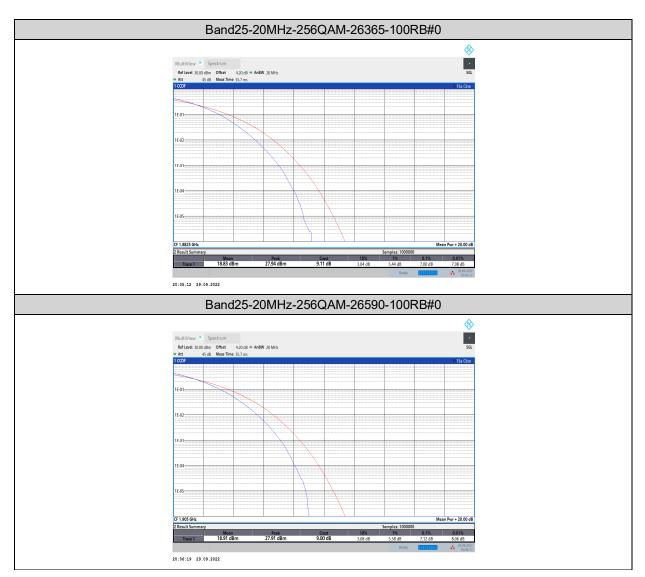
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band25	20MHz	QPSK	26365	100RB#0	PASS	PASS
Band25	20MHz	16QAM	26365	100RB#0	PASS	PASS
Band25	20MHz	64QAM	26365	100RB#0	PASS	PASS
Band25	20MHz	256QAM	26365	100RB#0	PASS	PASS



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Test Graphs





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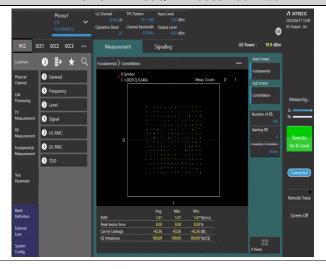


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Band25-20MHz-256QAM-26365-100RB#0





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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.093	1.29	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.094	1.30	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.095	1.28	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.093	1.31	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.094	1.31	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.095	1.31	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.096	1.32	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.097	1.31	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.097	1.31	PASS
Band25	1.4MHz	256QAM	26047	6RB#0	1.123	1.26	PASS
Band25	1.4MHz	256QAM	26365	6RB#0	1.088	1.28	PASS
Band25	1.4MHz	256QAM	26683	6RB#0	1.088	1.28	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.699	2.96	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.697	2.95	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.698	2.93	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.691	2.94	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.696	2.92	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.694	2.93	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.691	3.85	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.692	2.93	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.692	2.92	PASS
Band25	3MHz	256QAM	26055	15RB#0	2.702	3.50	PASS
Band25	3MHz	256QAM	26365	15RB#0	2.693	2.95	PASS
Band25	3MHz	256QAM	26675	15RB#0	2.69	2.94	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.465	4.84	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.465	4.83	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.459	4.81	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.467	4.84	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.468	4.85	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.464	4.86	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.474	4.88	PASS



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Band25	5MHz	64QAM	26365	25RB#0	4.456	4.79	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.452	4.74	PASS
Band25	5MHz	256QAM	26065	25RB#0	4.465	4.84	PASS
Band25	5MHz	256QAM	26365	25RB#0	4.47	4.84	PASS
Band25	5MHz	256QAM	26665	25RB#0	4.469	4.83	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.941	9.60	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.937	9.58	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.935	9.60	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.92	9.62	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.931	9.66	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.923	9.64	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.946	9.64	PASS
Band25	10MHz	64QAM	26365	50RB#0	8.938	9.62	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.929	9.66	PASS
Band25	10MHz	256QAM	26090	50RB#0	8.939	9.56	PASS
Band25	10MHz	256QAM	26365	50RB#0	8.93	9.60	PASS
Band25	10MHz	256QAM	26640	50RB#0	8.933	9.58	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.472	14.73	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.447	14.70	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.441	14.70	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.453	14.76	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.464	14.79	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.459	14.67	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.47	14.79	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.478	14.82	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.455	14.73	PASS
Band25	15MHz	256QAM	26115	75RB#0	13.449	14.76	PASS
Band25	15MHz	256QAM	26365	75RB#0	13.458	14.76	PASS
Band25	15MHz	256QAM	26615	75RB#0	13.435	14.55	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.904	19.32	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.892	19.28	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.896	19.24	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.893	19.28	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.874	19.24	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.868	19.28	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.897	19.28	PASS
Band25	20MHz	64QAM	26365	100RB#0	17.891	19.32	PASS
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Band25	20MHz	64QAM	26590	100RB#0	17.899	19.44	PASS
Band25	20MHz	256QAM	26140	100RB#0	17.899	19.24	PASS
Band25	20MHz	256QAM	26365	100RB#0	17.885	19.32	PASS
Band25	20MHz	256QAM	26590	100RB#0	17.885	19.24	PASS



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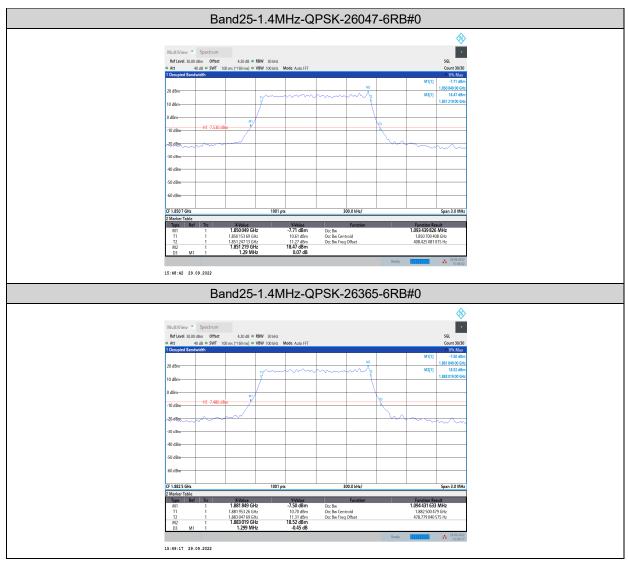


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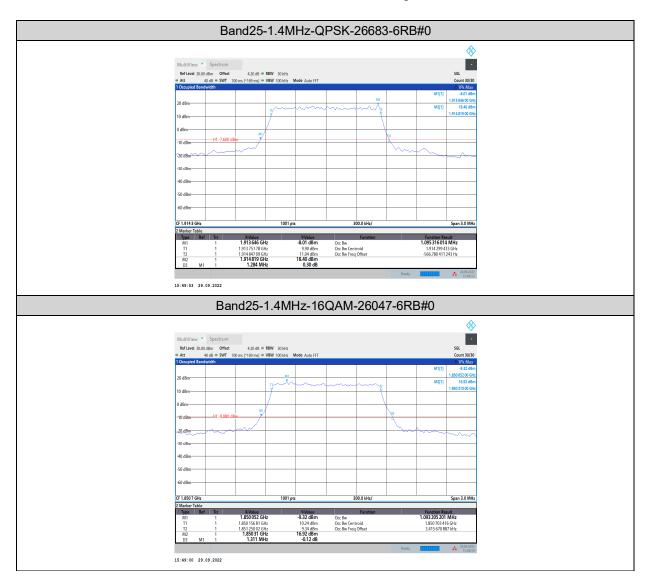
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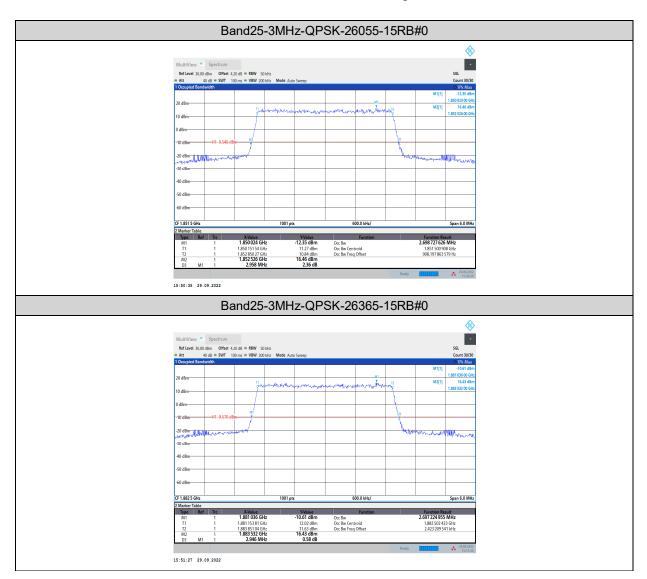
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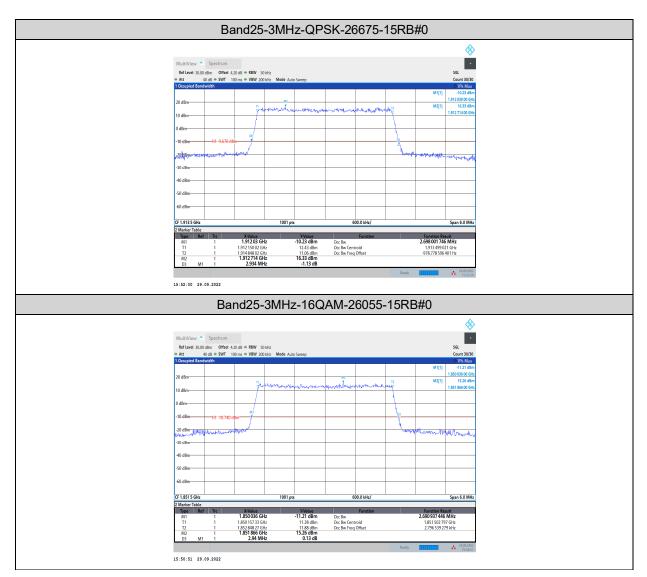
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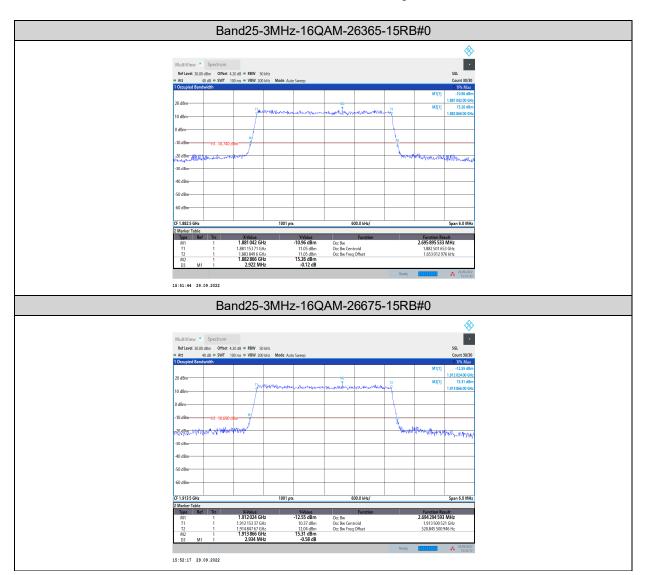
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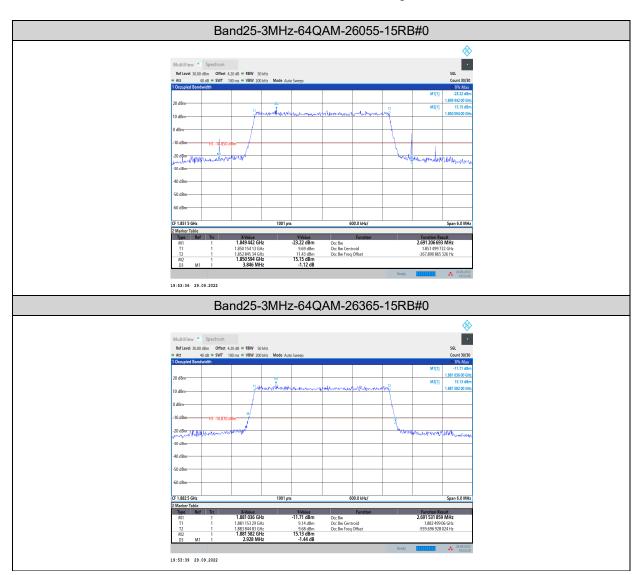
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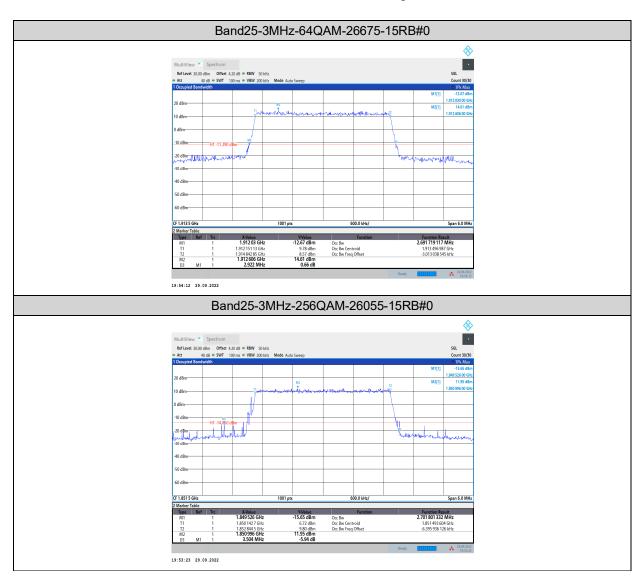
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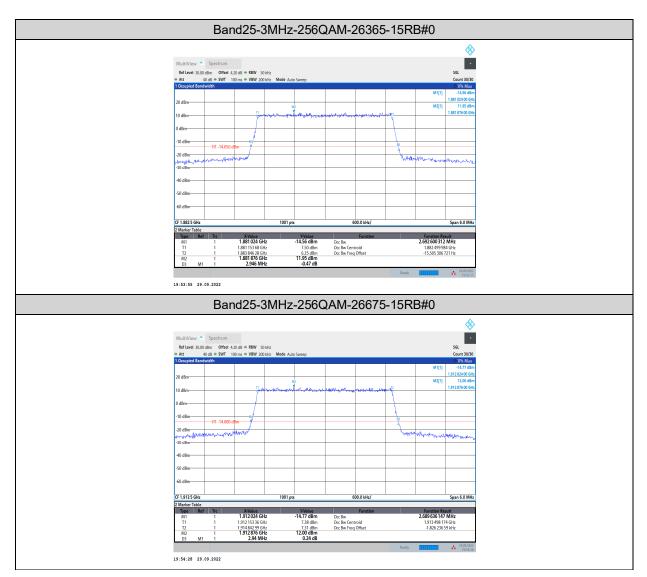
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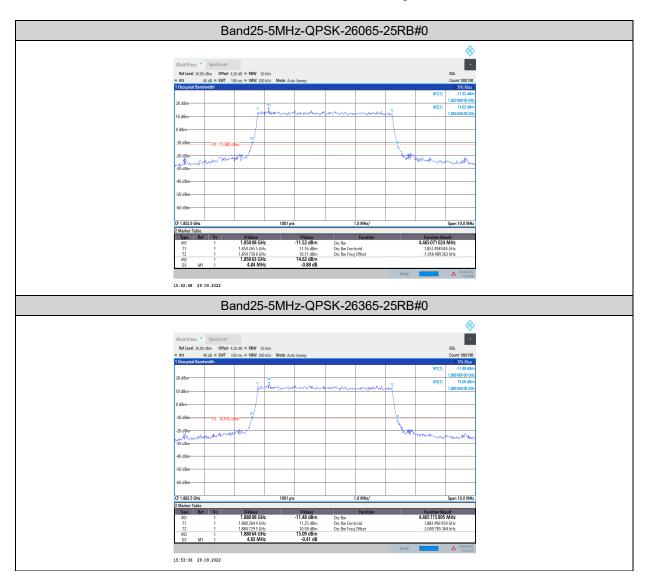
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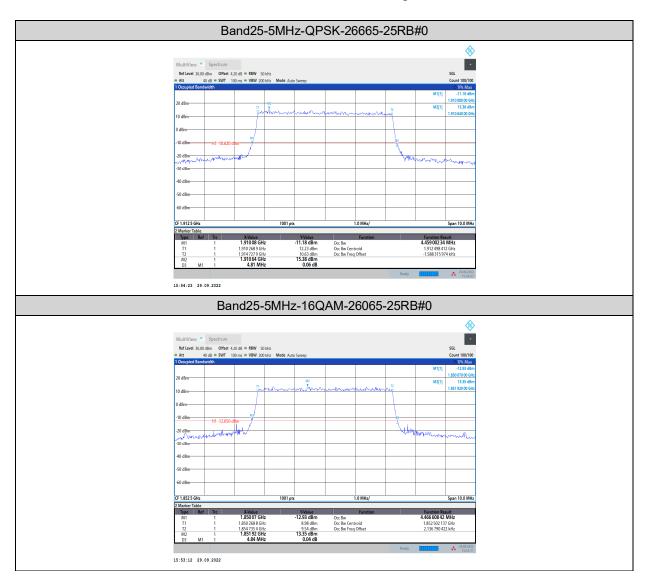
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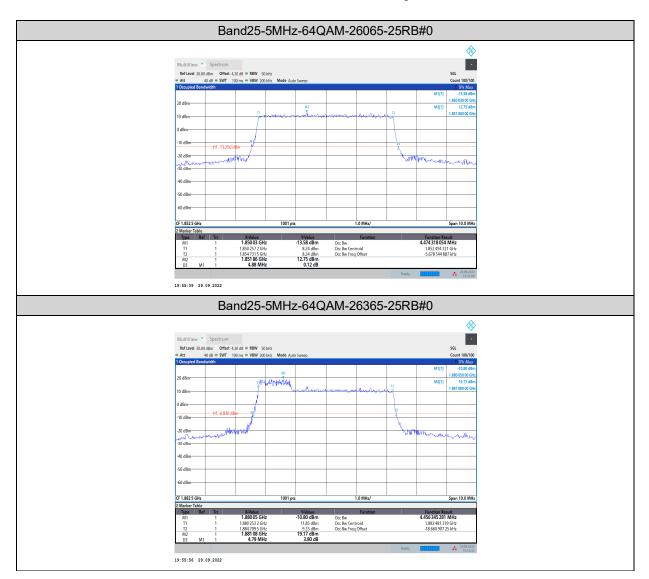
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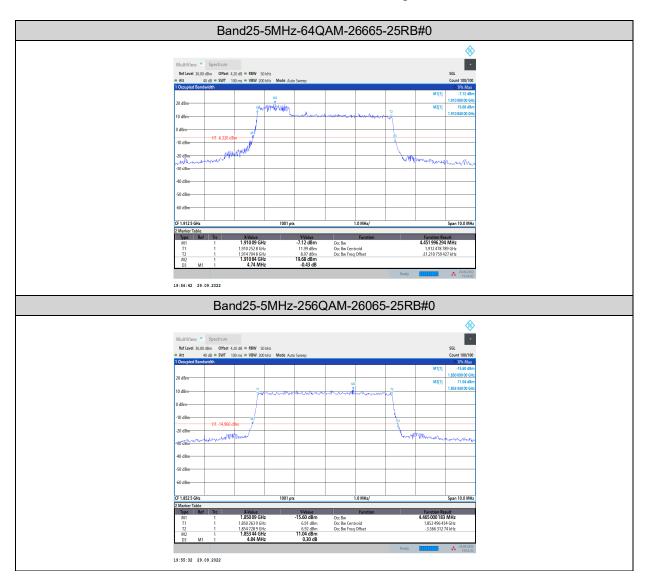
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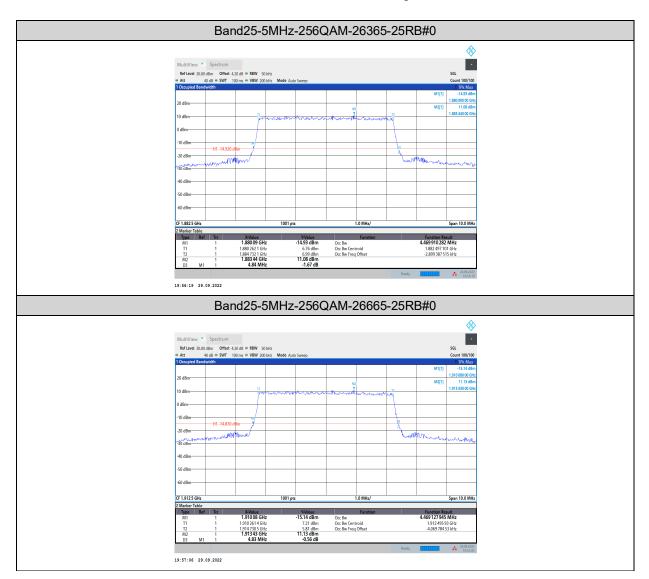
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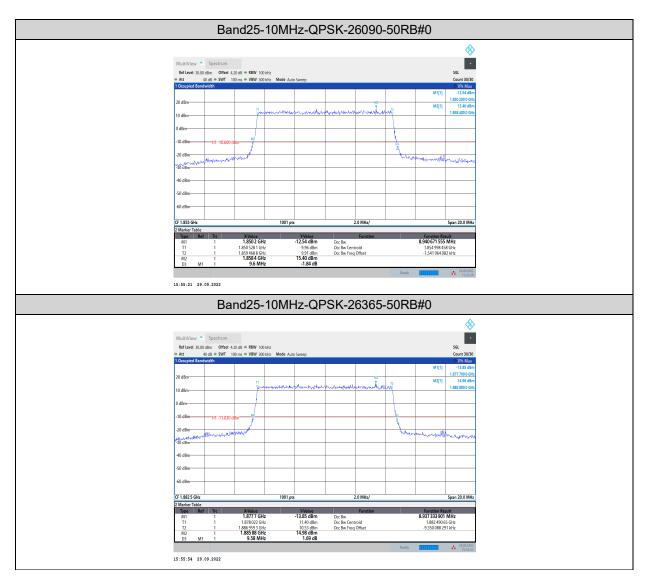
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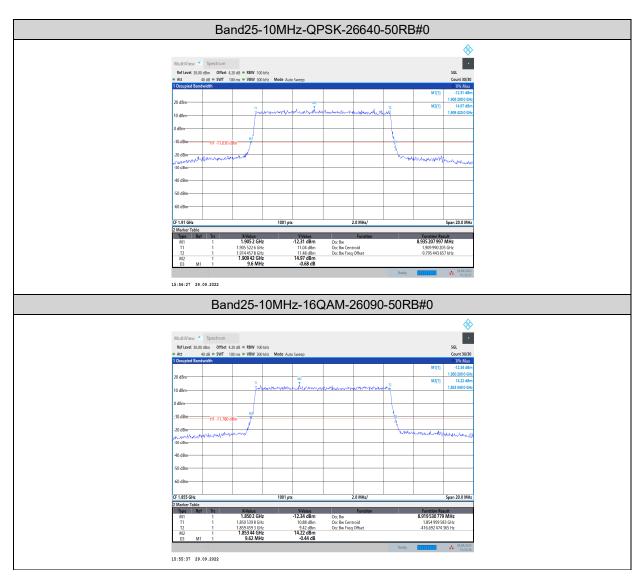
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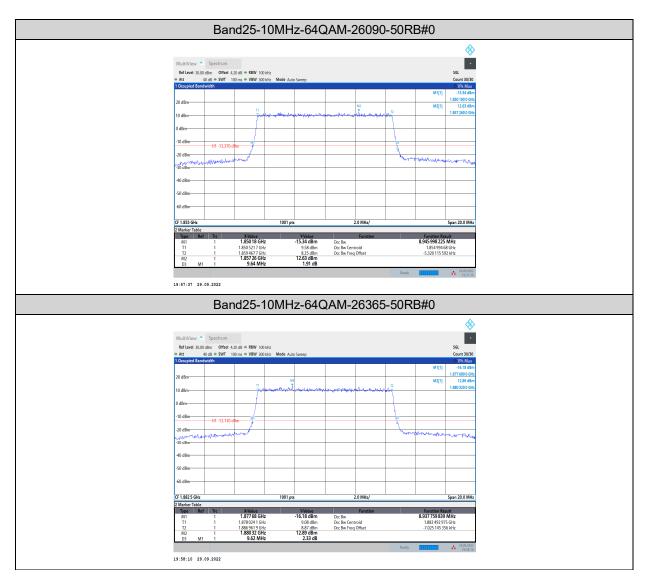
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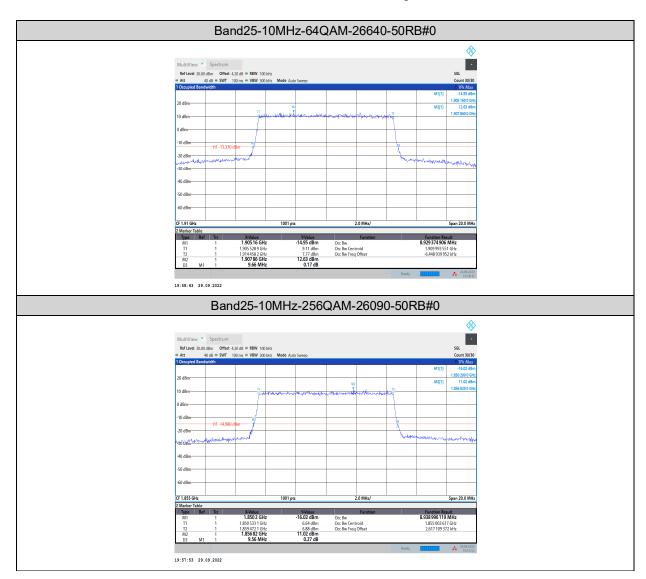
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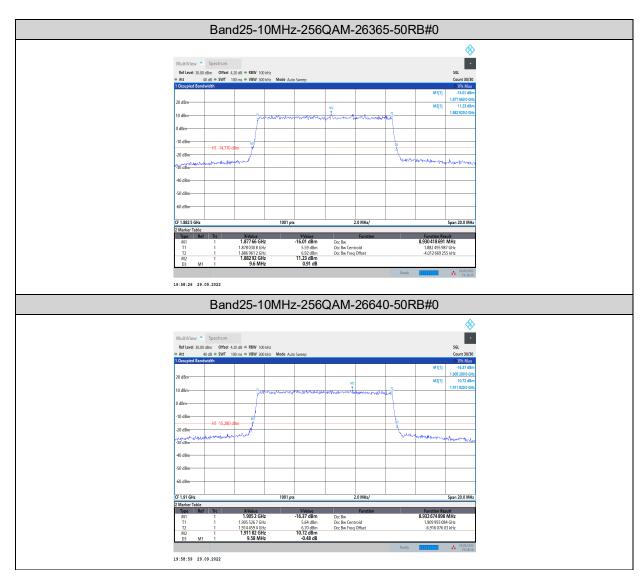
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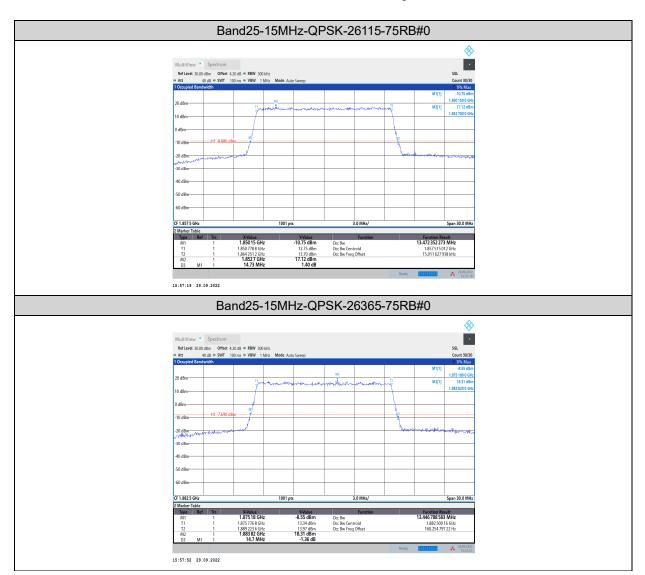
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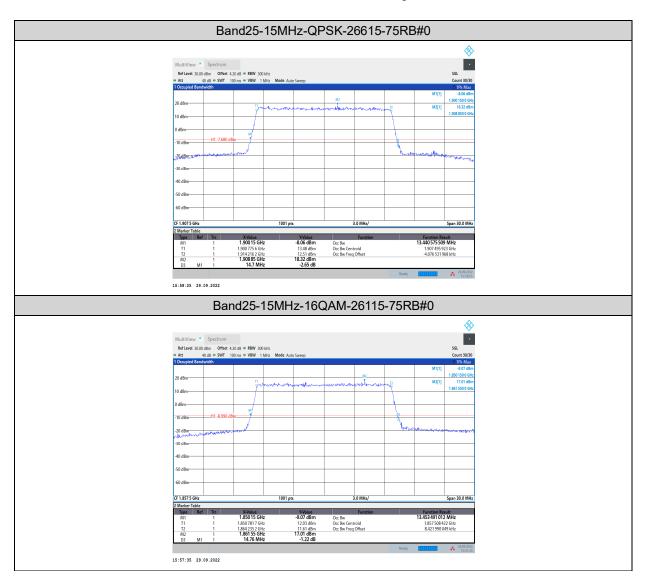
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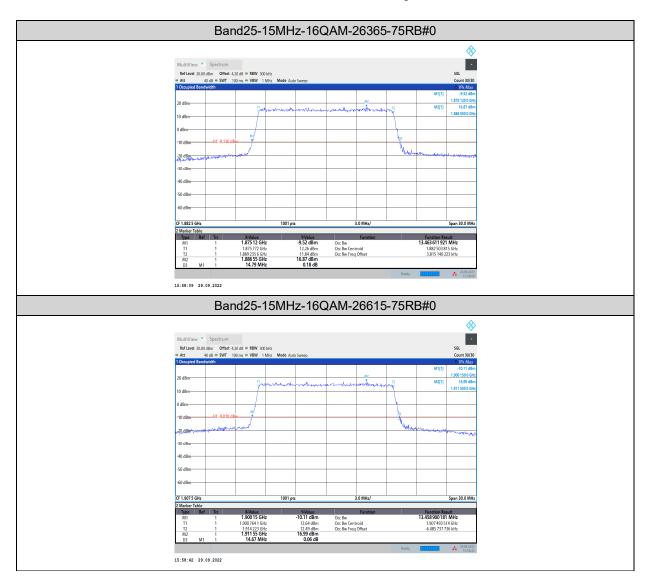
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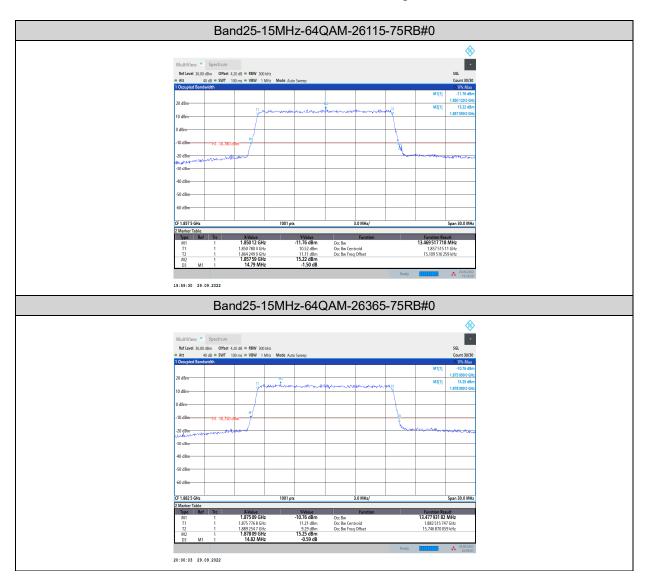
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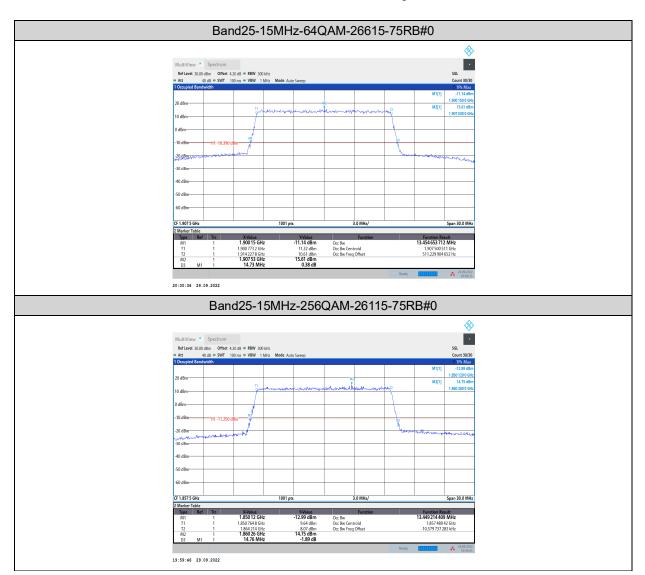
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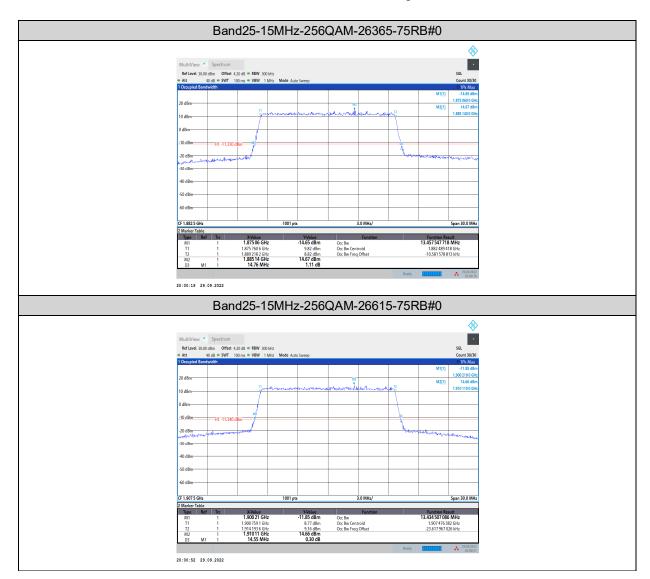
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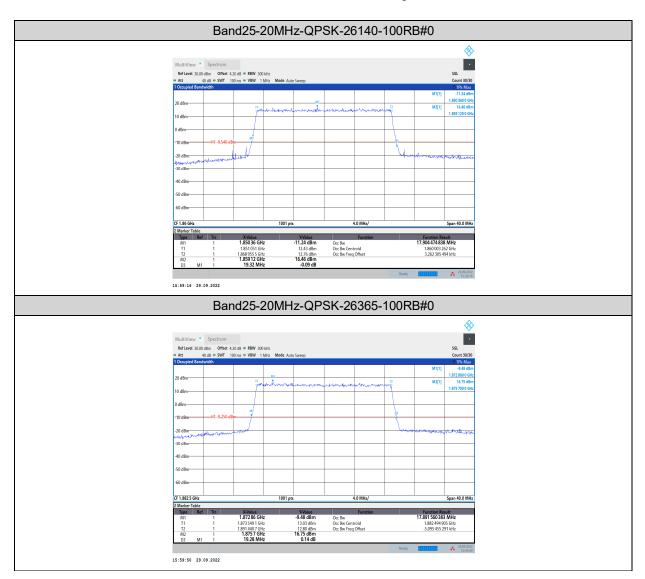
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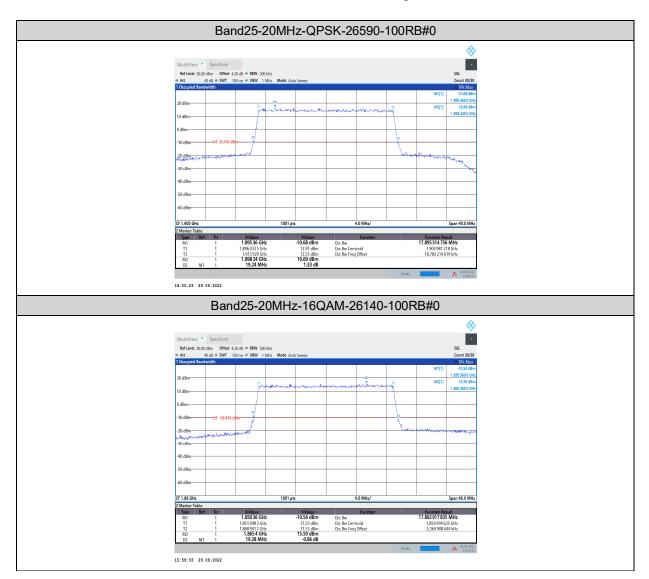
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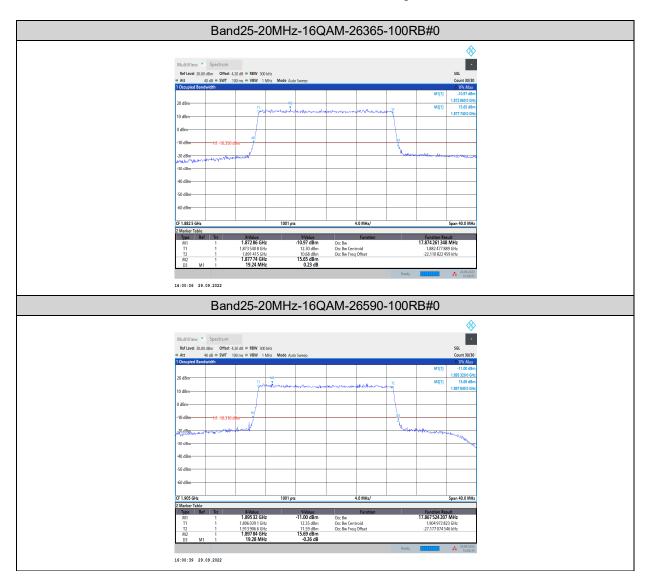
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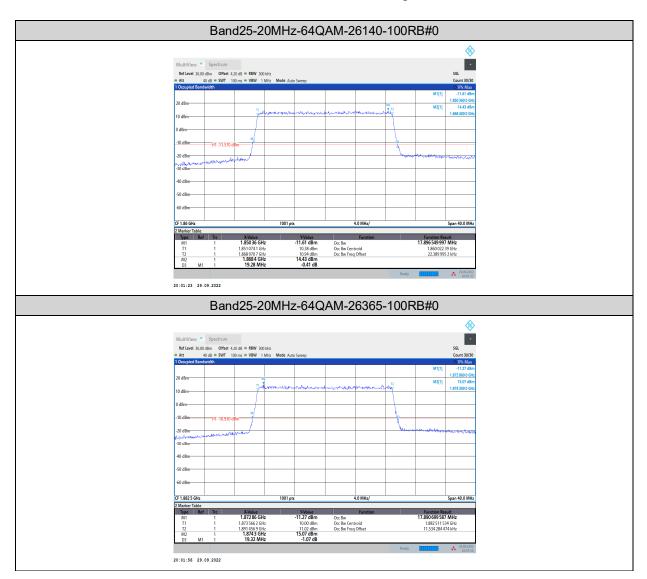
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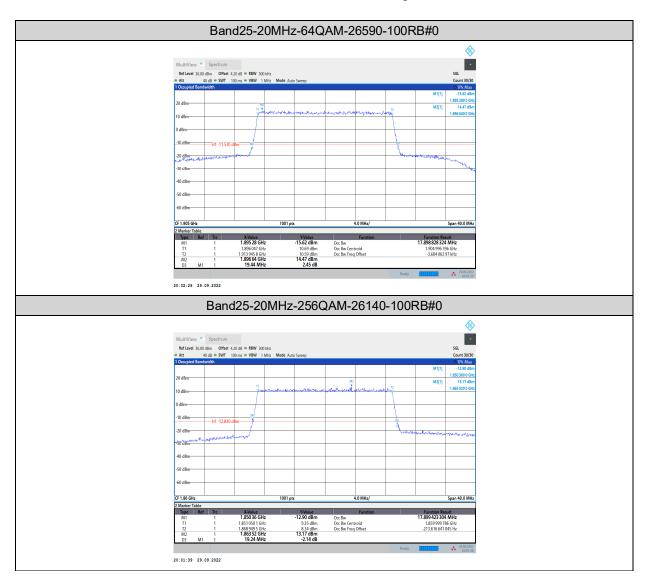
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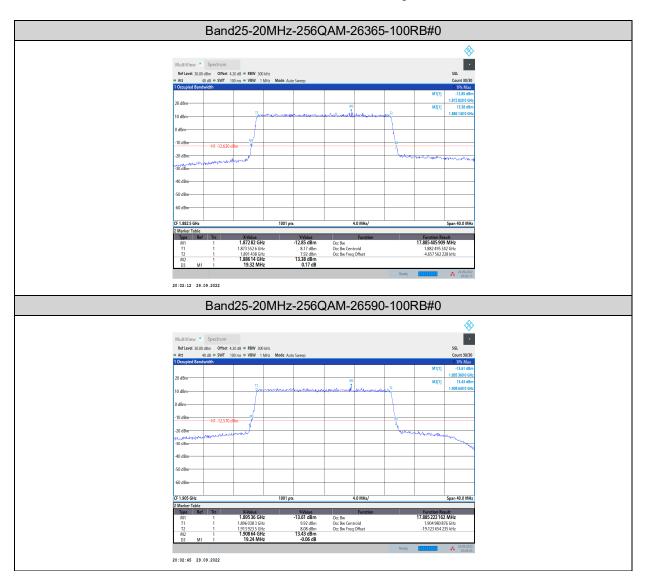
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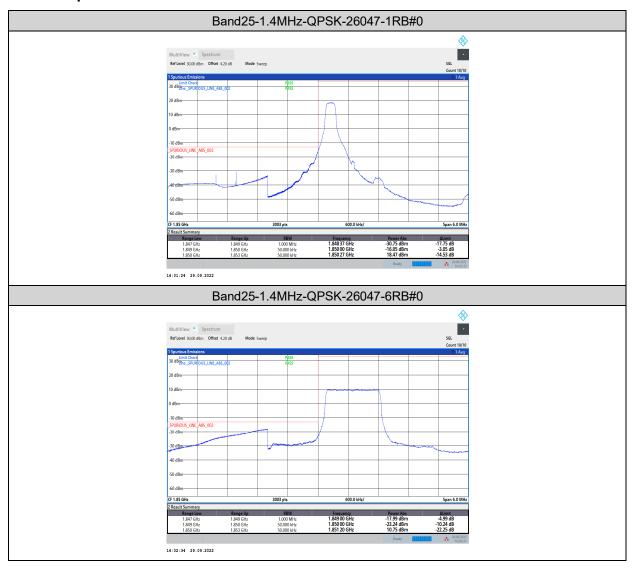
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Band Edge

Test Graphs





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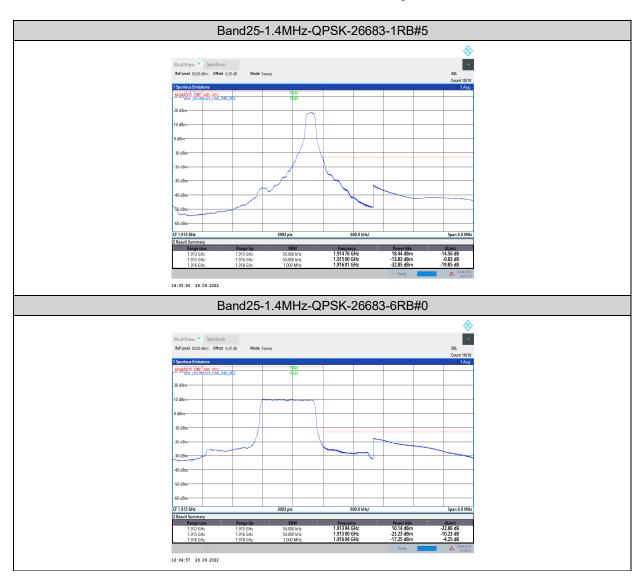
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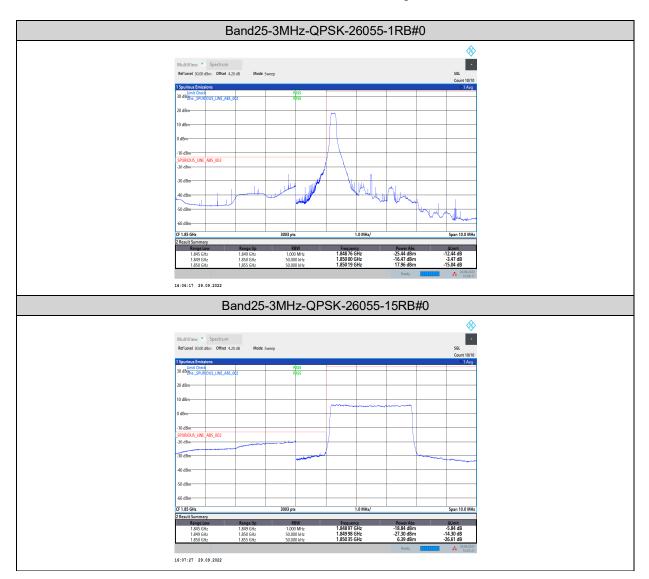
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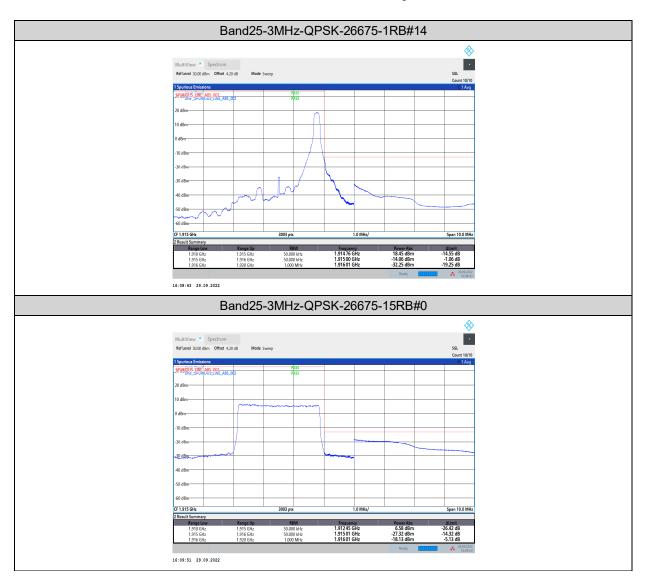
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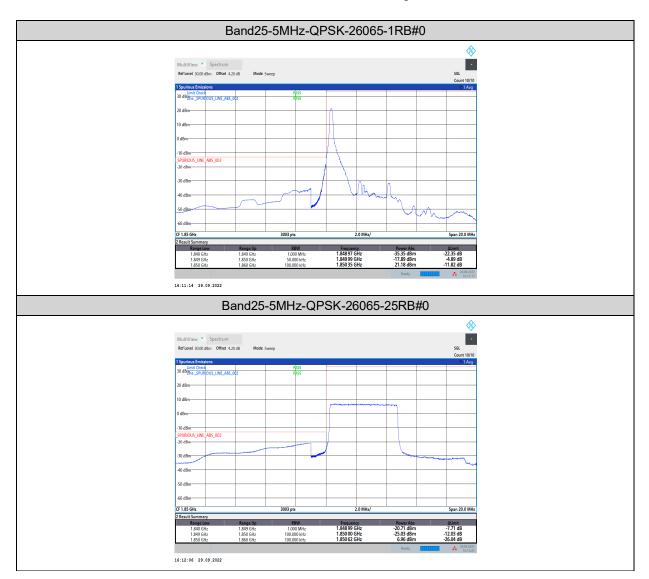
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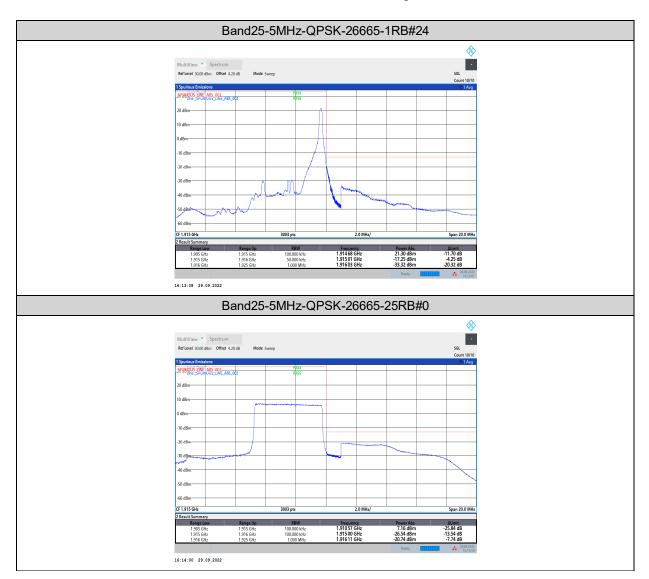
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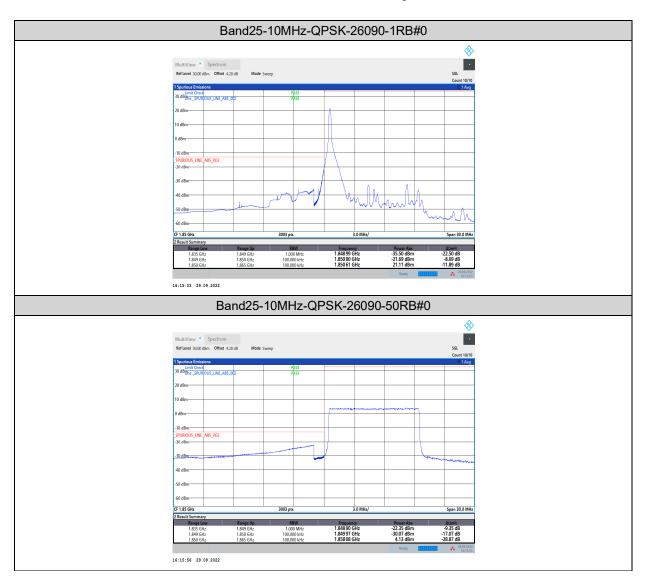
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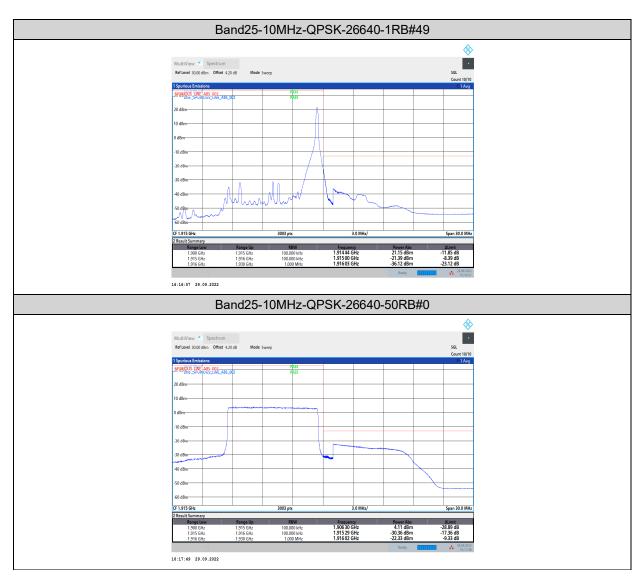
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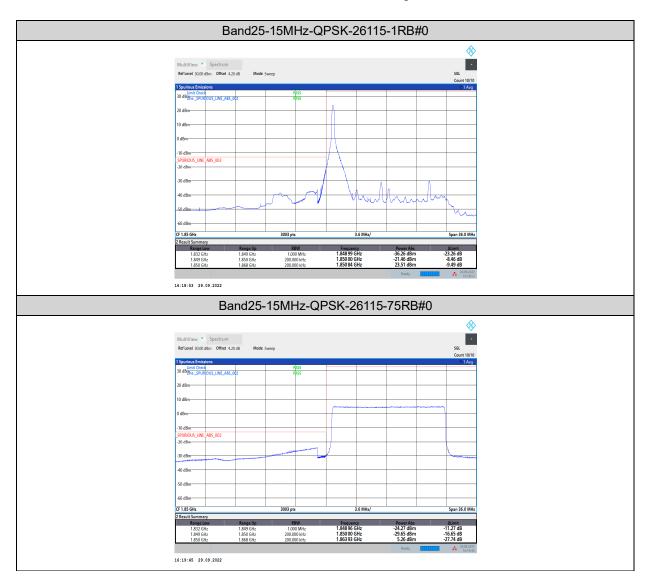
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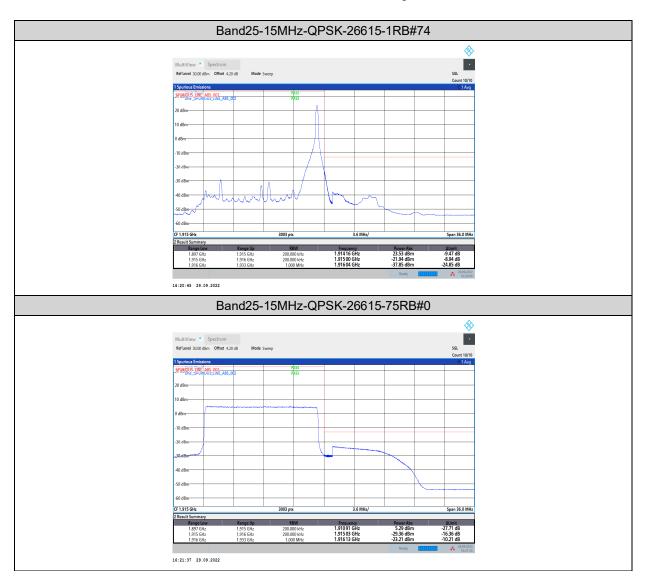
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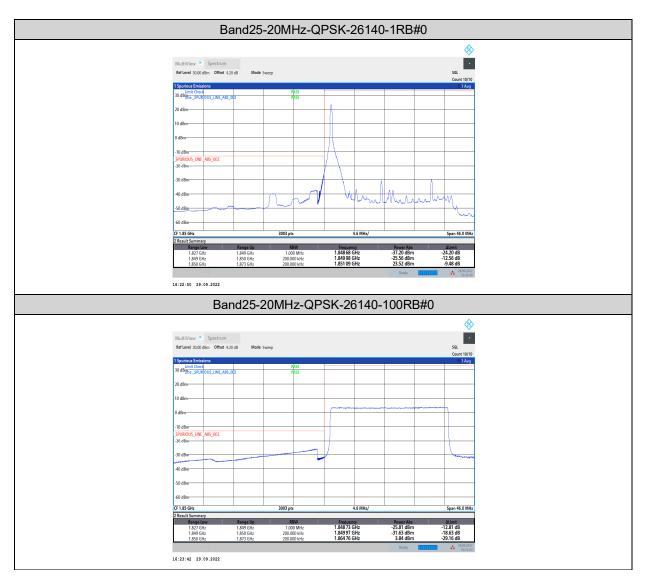
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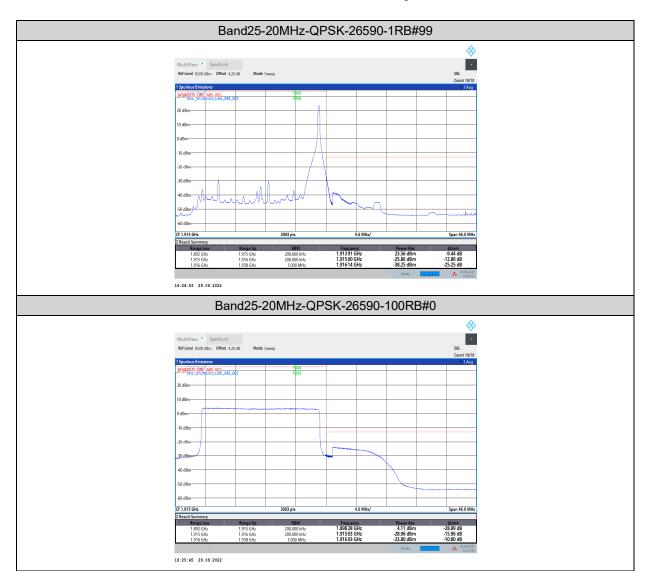
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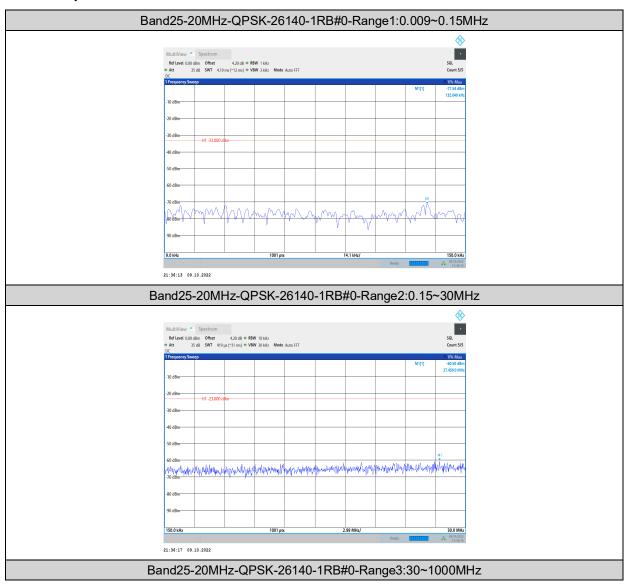
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Conducted Spurious Emission

Test Graphs





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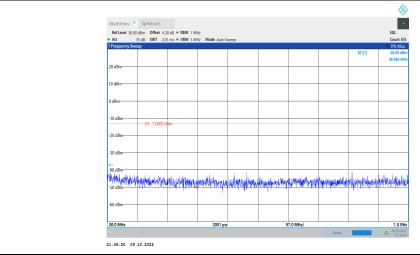
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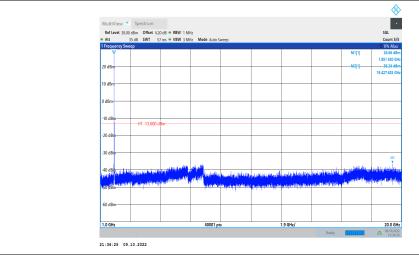
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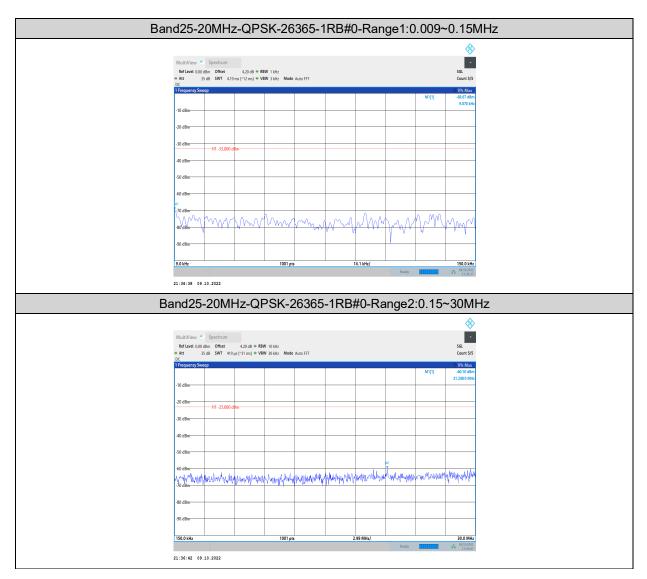
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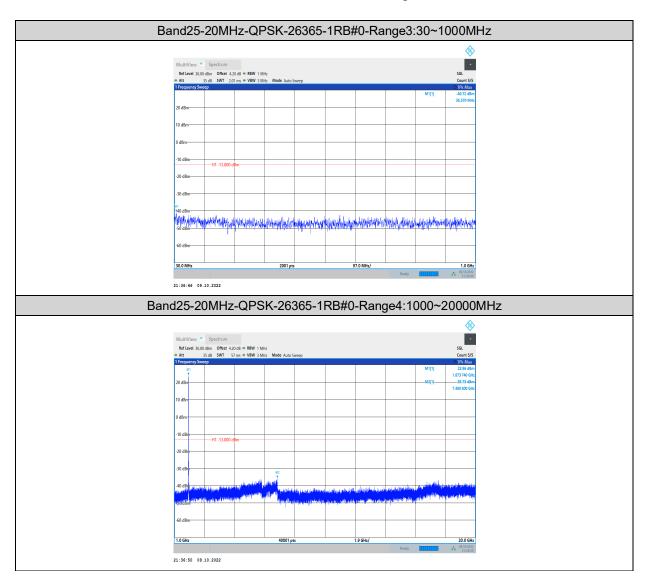
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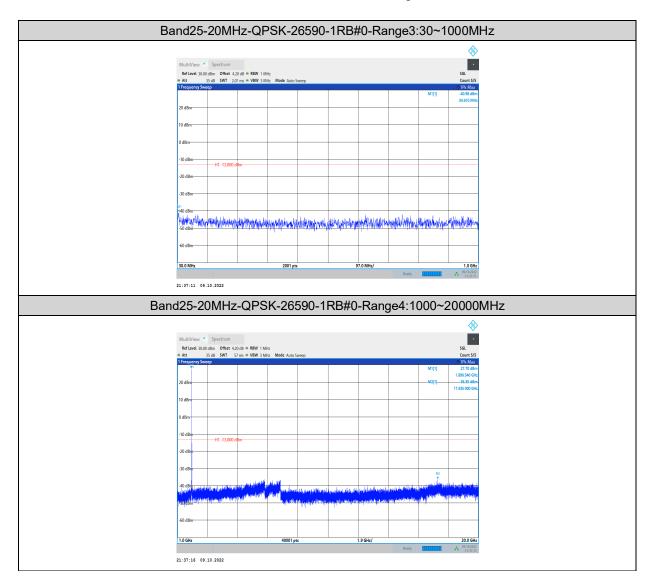
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Field Strength of Spurious Radiation

Test Band = LTE Band25_ TM1
Test Channel = Low

Final	Data List									
NO	Frequency	Reading	Factor	A E []	Level	Limit	Margin	Height	Angle	Delevite
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3702.1800	56.19	-45.51	29.98	-54.60	-13.00	41.60	211	239	Horizontal
2	5553.2700	49.25	-45.15	32.97	-58.19	-13.00	45.19	236	358	Horizontal
3	7404.3600	45.94	-43.40	36.49	-56.23	-13.00	43.23	254	360	Horizontal
4	9255.4500	36.87	-40.23	38.38	-60.24	-13.00	47.24	165	360	Horizontal
5	11106.5400	33.92	-37.93	39.09	-60.18	-13.00	47.18	128	285	Horizontal
6	12957.6300	32.95	-37.24	39.79	-59.76	-13.00	46.76	196	29	Horizontal

Final	Data List									
NO	Frequency	Reading	Factor	V [[4D/***]	Level	Limit	Margin	Height	Angle	Dalavitu
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3702.1800	64.10	-45.51	29.98	-46.69	-13.00	33.69	254	314	Vertical
2	5553.2700	57.30	-45.15	32.97	-50.14	-13.00	37.14	100	179	Vertical
3	7404.3600	46.30	-43.40	36.49	-55.87	-13.00	42.87	132	194	Vertical
4	9255.4500	39.20	-40.23	38.38	-57.91	-13.00	44.91	251	352	Vertical
5	11106.5400	37.91	-37.93	39.09	-56.19	-13.00	43.19	144	58	Vertical
6	12957.6300	33.95	-37.24	39.79	-58.76	-13.00	45.76	196	148	Vertical



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Test Band = LTE Band25_ TM1 Test Channel = Mid

Final	Final Data List												
NO	Frequency	Reading	Factor	A E [D /]	Level	Limit	Margin	Height	Angle	Delegite			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	3742.1800	58.74	-45.68	30.12	-52.08	-13.00	39.08	255	274	Horizontal			
2	5613.2700	49.46	-45.04	33.07	-57.77	-13.00	44.77	168	74	Horizontal			
3	7484.3600	44.85	-43.18	36.45	-57.14	-13.00	44.14	194	212	Horizontal			
4	9355.4500	38.41	-40.00	38.46	-58.40	-13.00	45.40	175	358	Horizontal			
5	11226.5400	34.90	-37.40	39.11	-58.65	-13.00	45.65	140	196	Horizontal			
6	13097.6300	30.87	-37.01	39.87	-61.52	-13.00	48.52	128	359	Horizontal			

Final	Final Data List												
NO.	Frequency	Reading	Factor	V [[4D/==]	Level	Limit	Margin	Height	Angle	Dalavitu			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	3742.1800	64.41	-45.68	30.12	-46.41	-13.00	33.41	211	121	Vertical			
2	5613.2700	56.27	-45.04	33.07	-50.96	-13.00	37.96	156	166	Vertical			
3	7484.3600	48.00	-43.18	36.45	-53.99	-13.00	40.99	145	121	Vertical			
4	9355.4500	40.82	-40.00	38.46	-55.99	-13.00	42.99	169	121	Vertical			
5	11226.5400	39.55	-37.40	39.11	-54.00	-13.00	41.00	182	61	Vertical			
6	13097.6300	33.76	-37.01	39.87	-58.63	-13.00	45.63	139	44	Vertical			



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Test Band = LTE Band25_ TM1 Test Channel = High

Final	Final Data List												
NO.	Frequency	Reading	Factor	VE[9D/m]	Level	Limit	Margin	Height	Angle	Dolority			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	3792.1800	58.10	-45.89	30.30	-52.75	-13.00	39.75	211	243	Horizontal			
2	5688.2700	51.81	-44.87	33.34	-54.98	-13.00	41.98	155	60	Horizontal			
3	7584.3600	46.09	-42.96	36.40	-55.73	-13.00	42.73	162	136	Horizontal			
4	9480.4500	40.17	-40.15	38.47	-56.77	-13.00	43.77	142	358	Horizontal			
5	11376.5400	33.81	-37.38	39.11	-59.72	-13.00	46.72	188	182	Horizontal			
6	13272.6300	31.07	-36.97	40.00	-61.15	-13.00	48.15	192	108	Horizontal			

Final	Data List									
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	Ar[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3792.1800	65.97	-45.89	30.30	-44.88	-13.00	31.88	211	360	Vertical
2	5688.2700	60.24	-44.87	33.34	-46.55	-13.00	33.55	145	273	Vertical
3	7584.3600	53.21	-42.96	36.40	-48.61	-13.00	35.61	136	121	Vertical
4	9480.4500	42.95	-40.15	38.47	-53.99	-13.00	40.99	266	121	Vertical
5	11376.5400	40.07	-37.38	39.11	-53.46	-13.00	40.46	256	346	Vertical
6	13272.6300	32.59	-36.97	40.00	-59.63	-13.00	46.63	291	14	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit - Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	5.90	0.003134	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	-8.30	-0.004409	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	2.20	0.001169	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	9.70	0.005153	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	9.30	0.004940	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	-3.70	-0.001965	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	10.40	0.005525	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	-7.30	-0.003878	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	-8.60	-0.004568	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-0.50	-0.000266	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	2.00	0.001062	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	-2.90	-0.001541	PASS

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