Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	3MHz	QPSK	19965	1RB#0	22.05	23.98	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.09	24.02	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.05	23.98	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.13	23.06	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.41	24.34	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.53	24.46	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.47	24.4	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.43	23.36	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.53	24.46	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.63	24.56	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.52	24.45	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.66	23.59	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.41	23.34	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.52	23.45	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.31	23.24	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.25	22.18	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.74	23.67	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.85	23.78	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.63	23.56	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.48	22.41	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.97	23.9	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.97	23.9	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.93	23.86	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.67	22.6	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.34	22.27	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.46	22.39	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.36	22.29	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.21	21.14	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.59	22.52	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.75	22.68	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.74	22.67	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.5	21.43	30	PASS

Band4	3MHz	64QAM	20385	1RB#0	20.81	22.74	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.88	22.81	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.78	22.71	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.68	21.61	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.34	23.27	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.49	23.42	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.41	23.34	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.51	22.44	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.91	23.84	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.14	24.07	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.04	23.97	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.07	23	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.28	24.21	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.4	24.33	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.3	24.23	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.42	23.35	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.75	22.68	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.9	22.83	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.73	22.66	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.59	21.52	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.32	23.25	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.3	23.23	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.37	23.3	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.12	22.05	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.57	23.5	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.5	23.43	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.58	23.51	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.47	22.4	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	19.7	21.63	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	19.81	21.74	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	19.48	21.41	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	18.51	20.44	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.21	22.14	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.3	22.23	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.37	22.3	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.15	21.08	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.36	22.29	30	PASS

Band4	5MHz	64QAM	20375	1RB#12	20.62	22.55	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.54	22.47	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.47	21.4	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.23	23.16	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.13	24.06	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.01	23.94	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.07	23	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.05	23.98	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.46	24.39	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.3	24.23	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.43	23.36	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.32	24.25	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.62	24.55	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.28	24.21	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.48	23.41	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.58	22.51	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.44	23.37	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.1	23.03	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.11	22.04	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.49	23.42	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.84	23.77	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.61	23.54	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.36	22.29	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.83	23.76	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.05	23.98	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.6	23.53	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.57	22.5	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.23	24.16	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.33	22.26	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.24	22.17	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.1	21.03	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.31	22.24	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.67	22.6	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.51	22.44	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.37	21.3	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.61	22.54	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.92	22.85	30	PASS

Band4	10MHz	64QAM	20350	1RB#49	20.66	22.59	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.52	21.45	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.71	23.64	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.06	23.99	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.16	24.09	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.07	23	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.04	23.97	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.4	24.33	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.29	24.22	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.35	23.28	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.24	24.17	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.55	24.48	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.54	24.47	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.6	23.53	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.04	22.97	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.32	23.25	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.44	23.37	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.18	22.11	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.37	23.3	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.79	23.72	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.62	23.55	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.39	22.32	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.6	23.53	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.88	23.81	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.71	23.64	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.64	22.57	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	19.82	21.75	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.4	22.33	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.52	22.45	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.19	21.12	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.25	22.18	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.64	22.57	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.7	22.63	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.4	21.33	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.51	22.44	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.73	22.66	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.77	22.7	30	PASS

Band4	15MHz	64QAM	20325	75RB#0	19.67	21.6	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.55	23.48	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.08	24.01	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.07	24	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.22	23.15	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.9	23.83	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.3	24.23	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.33	24.26	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.34	23.27	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.08	24.01	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.52	24.45	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.37	24.3	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.46	23.39	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.97	22.9	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.44	23.37	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.46	23.39	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.98	21.91	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.25	23.18	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.68	23.61	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.73	23.66	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.35	22.28	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.4	23.33	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.84	23.77	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.6	23.53	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.5	22.43	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.99	21.92	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.38	22.31	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.21	22.14	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.2	21.13	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.09	22.02	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.46	22.39	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.42	22.35	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.36	21.29	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.4	22.33	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.74	22.67	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.49	22.42	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.45	21.38	30	PASS

Test on the worst case：

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.35	1.93	24.28	<=30	Pass
			2	22.43	1.93	24.36	<=30	Pass
			5	22.36	1.93	24.29	<=30	Pass
		3	0	22.43	1.93	24.36	<=30	Pass
			2	22.44	1.93	24.37	<=30	Pass
			3	22.39	1.93	24.32	<=30	Pass
		6	0	21.52	1.93	23.45	<=30	Pass
	1732.5	1	0	22.33	1.93	24.26	<=30	Pass
			2	22.46	1.93	24.39	<=30	Pass
			5	22.36	1.93	24.29	<=30	Pass
		3	0	22.33	1.93	24.26	<=30	Pass
			2	22.44	1.93	24.37	<=30	Pass
			3	22.38	1.93	24.31	<=30	Pass
		6	0	21.43	1.93	23.36	<=30	Pass
	1754.3	1	0	22.43	1.93	24.36	<=30	Pass
			2	22.48	1.93	24.41	<=30	Pass
			5	22.42	1.93	24.35	<=30	Pass
		3	0	22.51	1.93	24.44	<=30	Pass
			2	22.54	1.93	24.47	<=30	Pass
			3	22.49	1.93	24.42	<=30	Pass
		6	0	21.56	1.93	23.49	<=30	Pass
16QAM	1710.7	1	0	21.62	1.93	23.55	<=30	Pass
			2	21.65	1.93	23.58	<=30	Pass
			5	21.60	1.93	23.53	<=30	Pass
		3	0	21.45	1.93	23.38	<=30	Pass
			2	21.49	1.93	23.42	<=30	Pass
			3	21.45	1.93	23.38	<=30	Pass
		6	0	20.53	1.93	22.46	<=30	Pass
	1732.5	1	0	21.44	1.93	23.37	<=30	Pass
			2	21.57	1.93	23.50	<=30	Pass
			5	21.48	1.93	23.41	<=30	Pass
		3	0	21.47	1.93	23.40	<=30	Pass
			2	21.56	1.93	23.49	<=30	Pass
			3	21.53	1.93	23.46	<=30	Pass
		6	0	20.38	1.93	22.31	<=30	Pass

	1754.3	1	0	21.54	1.93	23.47	<=30	Pass
			2	21.60	1.93	23.53	<=30	Pass
			5	21.54	1.93	23.47	<=30	Pass
		3	0	21.72	1.93	23.65	<=30	Pass
			2	21.77	1.93	23.70	<=30	Pass
			3	21.71	1.93	23.64	<=30	Pass
		6	0	20.61	1.93	22.54	<=30	Pass
64QAM	1710.7	1	0	20.59	1.93	22.52	<=30	Pass
			2	20.61	1.93	22.54	<=30	Pass
			5	20.55	1.93	22.48	<=30	Pass
		3	0	20.72	1.93	22.65	<=30	Pass
			2	20.74	1.93	22.67	<=30	Pass
			3	20.72	1.93	22.65	<=30	Pass
		6	0	19.70	1.93	21.63	<=30	Pass
	1732.5	1	0	20.30	1.93	22.23	<=30	Pass
			2	20.42	1.93	22.35	<=30	Pass
			5	20.38	1.93	22.31	<=30	Pass
		3	0	20.45	1.93	22.38	<=30	Pass
			2	20.53	1.93	22.46	<=30	Pass
			3	20.50	1.93	22.43	<=30	Pass
		6	0	19.53	1.93	21.46	<=30	Pass
	1754.3	1	0	20.95	1.93	22.88	<=30	Pass
			2	21.01	1.93	22.94	<=30	Pass
			5	20.89	1.93	22.82	<=30	Pass
		3	0	20.80	1.93	22.73	<=30	Pass
			2	20.84	1.93	22.77	<=30	Pass
			3	20.77	1.93	22.70	<=30	Pass
		6	0	19.58	1.93	21.51	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.41	1.93	24.34	<=30	Pass
			7	22.41	1.93	24.34	<=30	Pass
			14	22.42	1.93	24.35	<=30	Pass
		8	0	21.57	1.93	23.50	<=30	Pass
			4	21.59	1.93	23.52	<=30	Pass
			7	21.56	1.93	23.49	<=30	Pass
		15	0	21.60	1.93	23.53	<=30	Pass

	1732.5	1	0	22.48	1.93	24.41	<=30	Pass
			7	22.51	1.93	24.44	<=30	Pass
			14	22.48	1.93	24.41	<=30	Pass
		8	0	21.50	1.93	23.43	<=30	Pass
			4	21.58	1.93	23.51	<=30	Pass
			7	21.53	1.93	23.46	<=30	Pass
		15	0	21.53	1.93	23.46	<=30	Pass
	1753.5	1	0	22.51	1.93	24.44	<=30	Pass
			7	22.51	1.93	24.44	<=30	Pass
			14	22.49	1.93	24.42	<=30	Pass
		8	0	21.59	1.93	23.52	<=30	Pass
			4	21.63	1.93	23.56	<=30	Pass
			7	21.58	1.93	23.51	<=30	Pass
		15	0	21.62	1.93	23.55	<=30	Pass
16QAM	1711.5	1	0	21.66	1.93	23.59	<=30	Pass
			7	21.67	1.93	23.60	<=30	Pass
			14	21.64	1.93	23.57	<=30	Pass
		8	0	20.54	1.93	22.47	<=30	Pass
			4	20.58	1.93	22.51	<=30	Pass
			7	20.52	1.93	22.45	<=30	Pass
		15	0	20.56	1.93	22.49	<=30	Pass
	1732.5	1	0	21.56	1.93	23.49	<=30	Pass
			7	21.52	1.93	23.45	<=30	Pass
			14	21.51	1.93	23.44	<=30	Pass
		8	0	20.57	1.93	22.50	<=30	Pass
			4	20.63	1.93	22.56	<=30	Pass
			7	20.60	1.93	22.53	<=30	Pass
		15	0	20.53	1.93	22.46	<=30	Pass
	1753.5	1	0	22.13	1.93	24.06	<=30	Pass
			7	22.14	1.93	24.07	<=30	Pass
			14	22.09	1.93	24.02	<=30	Pass
		8	0	20.75	1.93	22.68	<=30	Pass
			4	20.80	1.93	22.73	<=30	Pass
			7	20.78	1.93	22.71	<=30	Pass
		15	0	20.70	1.93	22.63	<=30	Pass
64QAM	1711.5	1	0	20.58	1.93	22.51	<=30	Pass
			7	20.59	1.93	22.52	<=30	Pass
			14	20.57	1.93	22.50	<=30	Pass
		8	0	19.49	1.93	21.42	<=30	Pass
			4	19.52	1.93	21.45	<=30	Pass
			7	19.44	1.93	21.37	<=30	Pass
		15	0	19.73	1.93	21.66	<=30	Pass
	1732.5	1	0	20.43	1.93	22.36	<=30	Pass

			7	20.40	1.93	22.33	<=30	Pass
			14	20.38	1.93	22.31	<=30	Pass
		8	0	19.56	1.93	21.49	<=30	Pass
			4	19.55	1.93	21.48	<=30	Pass
			7	19.57	1.93	21.50	<=30	Pass
		15	0	19.61	1.93	21.54	<=30	Pass
	1753.5	1	0	20.87	1.93	22.80	<=30	Pass
			7	20.83	1.93	22.76	<=30	Pass
			14	20.85	1.93	22.78	<=30	Pass
		8	0	19.79	1.93	21.72	<=30	Pass
			4	19.84	1.93	21.77	<=30	Pass
			7	19.80	1.93	21.73	<=30	Pass
		15	0	19.65	1.93	21.58	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.39	1.93	24.32	<=30	Pass
			13	22.49	1.93	24.42	<=30	Pass
			24	22.33	1.93	24.26	<=30	Pass
		12	0	21.61	1.93	23.54	<=30	Pass
			6	21.59	1.93	23.52	<=30	Pass
			13	21.53	1.93	23.46	<=30	Pass
		25	0	21.56	1.93	23.49	<=30	Pass
	1732.5	1	0	22.44	1.93	24.37	<=30	Pass
			13	22.55	1.93	24.48	<=30	Pass
			24	22.37	1.93	24.30	<=30	Pass
		12	0	21.50	1.93	23.43	<=30	Pass
			6	21.58	1.93	23.51	<=30	Pass
			13	21.57	1.93	23.50	<=30	Pass
		25	0	21.49	1.93	23.42	<=30	Pass
	1752.5	1	0	22.49	1.93	24.42	<=30	Pass
			13	22.63	1.93	24.56	<=30	Pass
			24	22.45	1.93	24.38	<=30	Pass
		12	0	21.58	1.93	23.51	<=30	Pass
			6	21.66	1.93	23.59	<=30	Pass
			13	21.57	1.93	23.50	<=30	Pass
		25	0	21.62	1.93	23.55	<=30	Pass
16QAM	1712.5	1	0	21.35	1.93	23.28	<=30	Pass

			13	21.49	1.93	23.42	<=30	Pass
			24	21.32	1.93	23.25	<=30	Pass
		12	0	20.60	1.93	22.53	<=30	Pass
			6	20.59	1.93	22.52	<=30	Pass
			13	20.52	1.93	22.45	<=30	Pass
		25	0	20.57	1.93	22.50	<=30	Pass
	1732.5	1	0	21.73	1.93	23.66	<=30	Pass
			13	21.84	1.93	23.77	<=30	Pass
			24	21.69	1.93	23.62	<=30	Pass
		12	0	20.58	1.93	22.51	<=30	Pass
			6	20.63	1.93	22.56	<=30	Pass
			13	20.56	1.93	22.49	<=30	Pass
		25	0	20.51	1.93	22.44	<=30	Pass
	1752.5	1	0	21.63	1.93	23.56	<=30	Pass
			13	21.78	1.93	23.71	<=30	Pass
			24	21.63	1.93	23.56	<=30	Pass
		12	0	20.59	1.93	22.52	<=30	Pass
			6	20.70	1.93	22.63	<=30	Pass
			13	20.62	1.93	22.55	<=30	Pass
		25	0	20.65	1.93	22.58	<=30	Pass
64QAM	1712.5	1	0	20.44	1.93	22.37	<=30	Pass
			13	20.58	1.93	22.51	<=30	Pass
			24	20.46	1.93	22.39	<=30	Pass
		12	0	19.54	1.93	21.47	<=30	Pass
			6	19.56	1.93	21.49	<=30	Pass
			13	19.49	1.93	21.42	<=30	Pass
		25	0	19.57	1.93	21.50	<=30	Pass
	1732.5	1	0	20.63	1.93	22.56	<=30	Pass
			13	20.79	1.93	22.72	<=30	Pass
			24	20.64	1.93	22.57	<=30	Pass
		12	0	19.55	1.93	21.48	<=30	Pass
			6	19.57	1.93	21.50	<=30	Pass
			13	19.58	1.93	21.51	<=30	Pass
		25	0	19.56	1.93	21.49	<=30	Pass
	1752.5	1	0	20.65	1.93	22.58	<=30	Pass
			13	20.85	1.93	22.78	<=30	Pass
			24	20.70	1.93	22.63	<=30	Pass
		12	0	19.71	1.93	21.64	<=30	Pass
			6	19.80	1.93	21.73	<=30	Pass
			13	19.73	1.93	21.66	<=30	Pass
		25	0	19.64	1.93	21.57	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.17	1.93	24.10	<=30	Pass
			25	22.42	1.93	24.35	<=30	Pass
			49	22.11	1.93	24.04	<=30	Pass
		25	0	21.42	1.93	23.35	<=30	Pass
			13	21.54	1.93	23.47	<=30	Pass
			25	21.44	1.93	23.37	<=30	Pass
		50	0	21.48	1.93	23.41	<=30	Pass
	1732.5	1	0	22.15	1.93	24.08	<=30	Pass
			25	22.40	1.93	24.33	<=30	Pass
			49	22.15	1.93	24.08	<=30	Pass
		25	0	21.43	1.93	23.36	<=30	Pass
			13	21.53	1.93	23.46	<=30	Pass
			25	21.49	1.93	23.42	<=30	Pass
		50	0	21.50	1.93	23.43	<=30	Pass
	1750	1	0	22.26	1.93	24.19	<=30	Pass
			25	22.50	1.93	24.43	<=30	Pass
			49	22.27	1.93	24.20	<=30	Pass
		25	0	21.47	1.93	23.40	<=30	Pass
			13	21.64	1.93	23.57	<=30	Pass
			25	21.50	1.93	23.43	<=30	Pass
		50	0	21.56	1.93	23.49	<=30	Pass
16QAM	1715	1	0	21.73	1.93	23.66	<=30	Pass
			25	21.98	1.93	23.91	<=30	Pass
			49	21.67	1.93	23.60	<=30	Pass
		25	0	20.48	1.93	22.41	<=30	Pass
			13	20.61	1.93	22.54	<=30	Pass
			25	20.47	1.93	22.40	<=30	Pass
		50	0	20.44	1.93	22.37	<=30	Pass
	1732.5	1	0	21.45	1.93	23.38	<=30	Pass
			25	21.69	1.93	23.62	<=30	Pass
			49	21.35	1.93	23.28	<=30	Pass
		25	0	20.45	1.93	22.38	<=30	Pass
			13	20.56	1.93	22.49	<=30	Pass
			25	20.46	1.93	22.39	<=30	Pass
		50	0	20.48	1.93	22.41	<=30	Pass
	1750	1	0	21.26	1.93	23.19	<=30	Pass
			25	21.55	1.93	23.48	<=30	Pass
			49	21.30	1.93	23.23	<=30	Pass

		25	0	20.52	1.93	22.45	<=30	Pass
			13	20.67	1.93	22.60	<=30	Pass
			25	20.57	1.93	22.50	<=30	Pass
		50	0	20.57	1.93	22.50	<=30	Pass
64QAM	1715	1	0	20.44	1.93	22.37	<=30	Pass
			25	20.73	1.93	22.66	<=30	Pass
			49	20.47	1.93	22.40	<=30	Pass
		25	0	19.47	1.93	21.40	<=30	Pass
			13	19.62	1.93	21.55	<=30	Pass
			25	19.48	1.93	21.41	<=30	Pass
		50	0	19.47	1.93	21.40	<=30	Pass
	1732.5	1	0	20.24	1.93	22.17	<=30	Pass
			25	20.60	1.93	22.53	<=30	Pass
			49	20.27	1.93	22.20	<=30	Pass
		25	0	19.56	1.93	21.49	<=30	Pass
			13	19.61	1.93	21.54	<=30	Pass
			25	19.57	1.93	21.50	<=30	Pass
		50	0	19.55	1.93	21.48	<=30	Pass
	1750	1	0	20.06	1.93	21.99	<=30	Pass
			25	20.45	1.93	22.38	<=30	Pass
			49	20.13	1.93	22.06	<=30	Pass
		25	0	19.57	1.93	21.50	<=30	Pass
			13	19.71	1.93	21.64	<=30	Pass
			25	19.57	1.93	21.50	<=30	Pass
		50	0	19.56	1.93	21.49	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.24	1.93	24.17	<=30	Pass
			38	22.42	1.93	24.35	<=30	Pass
			74	22.32	1.93	24.25	<=30	Pass
		36	0	21.38	1.93	23.31	<=30	Pass
			18	21.53	1.93	23.46	<=30	Pass
			39	21.47	1.93	23.40	<=30	Pass
		75	0	21.45	1.93	23.38	<=30	Pass
	1732.5	1	0	22.28	1.93	24.21	<=30	Pass
			38	22.41	1.93	24.34	<=30	Pass
			74	22.30	1.93	24.23	<=30	Pass

		36	0	21.42	1.93	23.35	<=30	Pass
			18	21.46	1.93	23.39	<=30	Pass
			39	21.48	1.93	23.41	<=30	Pass
		75	0	21.46	1.93	23.39	<=30	Pass
	1747.5	1	0	22.30	1.93	24.23	<=30	Pass
			38	22.47	1.93	24.40	<=30	Pass
			74	22.34	1.93	24.27	<=30	Pass
		36	0	21.46	1.93	23.39	<=30	Pass
			18	21.51	1.93	23.44	<=30	Pass
			39	21.54	1.93	23.47	<=30	Pass
		75	0	21.43	1.93	23.36	<=30	Pass
16QAM	1717.5	1	0	21.89	1.93	23.82	<=30	Pass
			38	22.02	1.93	23.95	<=30	Pass
			74	21.87	1.93	23.80	<=30	Pass
		36	0	20.42	1.93	22.35	<=30	Pass
			18	20.52	1.93	22.45	<=30	Pass
			39	20.48	1.93	22.41	<=30	Pass
		75	0	20.49	1.93	22.42	<=30	Pass
	1732.5	1	0	21.56	1.93	23.49	<=30	Pass
			38	21.68	1.93	23.61	<=30	Pass
			74	21.57	1.93	23.50	<=30	Pass
		36	0	20.42	1.93	22.35	<=30	Pass
			18	20.47	1.93	22.40	<=30	Pass
			39	20.49	1.93	22.42	<=30	Pass
		75	0	20.49	1.93	22.42	<=30	Pass
	1747.5	1	0	21.77	1.93	23.70	<=30	Pass
			38	21.94	1.93	23.87	<=30	Pass
			74	21.81	1.93	23.74	<=30	Pass
		36	0	20.45	1.93	22.38	<=30	Pass
			18	20.47	1.93	22.40	<=30	Pass
			39	20.54	1.93	22.47	<=30	Pass
		75	0	20.45	1.93	22.38	<=30	Pass
64QAM	1717.5	1	0	20.53	1.93	22.46	<=30	Pass
			38	20.74	1.93	22.67	<=30	Pass
			74	20.63	1.93	22.56	<=30	Pass
		36	0	19.43	1.93	21.36	<=30	Pass
			18	19.58	1.93	21.51	<=30	Pass
			39	19.53	1.93	21.46	<=30	Pass
		75	0	19.52	1.93	21.45	<=30	Pass
	1732.5	1	0	20.38	1.93	22.31	<=30	Pass
			38	20.58	1.93	22.51	<=30	Pass
			74	20.37	1.93	22.30	<=30	Pass
		36	0	19.48	1.93	21.41	<=30	Pass

			18	19.55	1.93	21.48	<=30	Pass
			39	19.54	1.93	21.47	<=30	Pass
		75	0	19.53	1.93	21.46	<=30	Pass
	1747.5	1	0	20.71	1.93	22.64	<=30	Pass
			38	20.92	1.93	22.85	<=30	Pass
			74	20.84	1.93	22.77	<=30	Pass
		36	0	19.44	1.93	21.37	<=30	Pass
			18	19.51	1.93	21.44	<=30	Pass
			39	19.53	1.93	21.46	<=30	Pass
		75	0	19.47	1.93	21.40	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.18	1.93	24.11	<=30	Pass
			50	22.40	1.93	24.33	<=30	Pass
			99	22.17	1.93	24.10	<=30	Pass
		50	0	21.35	1.93	23.28	<=30	Pass
			25	21.50	1.93	23.43	<=30	Pass
			50	21.40	1.93	23.33	<=30	Pass
		100	0	21.45	1.93	23.38	<=30	Pass
	1732.5	1	0	22.23	1.93	24.16	<=30	Pass
			50	22.41	1.93	24.34	<=30	Pass
			99	22.25	1.93	24.18	<=30	Pass
		50	0	21.37	1.93	23.30	<=30	Pass
			25	21.52	1.93	23.45	<=30	Pass
			50	21.42	1.93	23.35	<=30	Pass
		100	0	21.44	1.93	23.37	<=30	Pass
	1745	1	0	22.11	1.93	24.04	<=30	Pass
			50	22.41	1.93	24.34	<=30	Pass
			99	22.27	1.93	24.20	<=30	Pass
		50	0	21.38	1.93	23.31	<=30	Pass
			25	21.49	1.93	23.42	<=30	Pass
			50	21.47	1.93	23.40	<=30	Pass
		100	0	21.40	1.93	23.33	<=30	Pass
16QAM	1720	1	0	21.50	1.93	23.43	<=30	Pass
			50	21.75	1.93	23.68	<=30	Pass
			99	21.47	1.93	23.40	<=30	Pass
		50	0	20.38	1.93	22.31	<=30	Pass

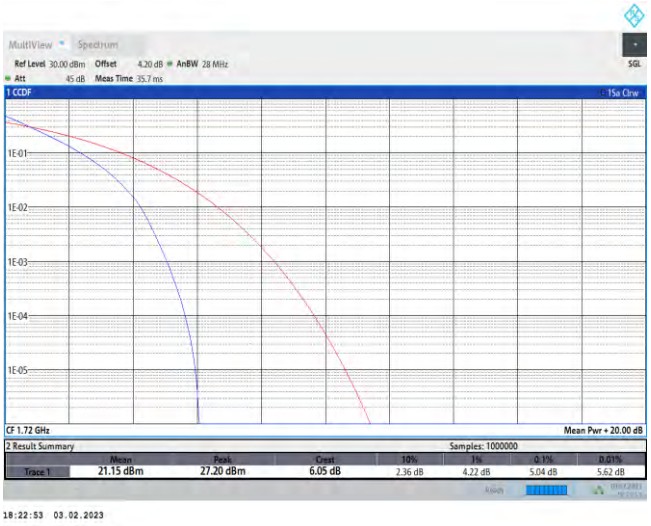
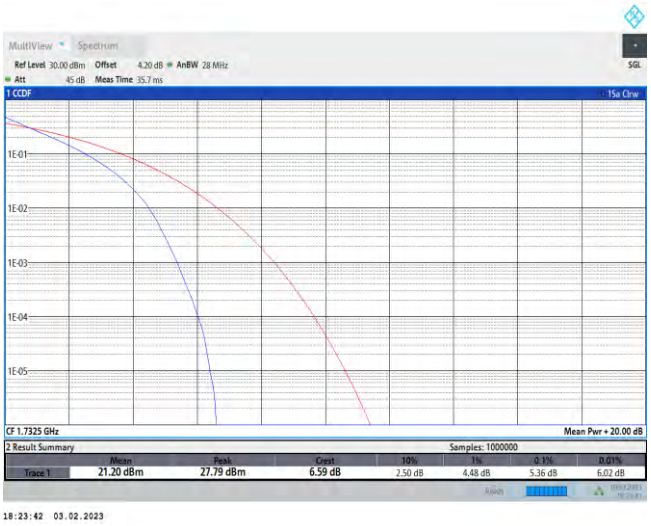
			25	20.51	1.93	22.44	<=30	Pass
			50	20.42	1.93	22.35	<=30	Pass
		100	0	20.44	1.93	22.37	<=30	Pass
	1732.5	1	0	21.54	1.93	23.47	<=30	Pass
			50	21.74	1.93	23.67	<=30	Pass
			99	21.53	1.93	23.46	<=30	Pass
		50	0	20.38	1.93	22.31	<=30	Pass
			25	20.56	1.93	22.49	<=30	Pass
			50	20.46	1.93	22.39	<=30	Pass
		100	0	20.45	1.93	22.38	<=30	Pass
	1745	1	0	21.78	1.93	23.71	<=30	Pass
			50	22.08	1.93	24.01	<=30	Pass
			99	21.94	1.93	23.87	<=30	Pass
		50	0	20.41	1.93	22.34	<=30	Pass
			25	20.48	1.93	22.41	<=30	Pass
			50	20.48	1.93	22.41	<=30	Pass
		100	0	20.40	1.93	22.33	<=30	Pass
64QAM	1720	1	0	20.36	1.93	22.29	<=30	Pass
			50	20.66	1.93	22.59	<=30	Pass
			99	20.41	1.93	22.34	<=30	Pass
		50	0	19.40	1.93	21.33	<=30	Pass
			25	19.56	1.93	21.49	<=30	Pass
			50	19.47	1.93	21.40	<=30	Pass
		100	0	19.47	1.93	21.40	<=30	Pass
	1732.5	1	0	20.49	1.93	22.42	<=30	Pass
			50	20.77	1.93	22.70	<=30	Pass
			99	20.58	1.93	22.51	<=30	Pass
		50	0	19.44	1.93	21.37	<=30	Pass
			25	19.57	1.93	21.50	<=30	Pass
			50	19.50	1.93	21.43	<=30	Pass
		100	0	19.45	1.93	21.38	<=30	Pass
	1745	1	0	20.10	1.93	22.03	<=30	Pass
			50	20.39	1.93	22.32	<=30	Pass
			99	20.28	1.93	22.21	<=30	Pass
		50	0	19.42	1.93	21.35	<=30	Pass
			25	19.54	1.93	21.47	<=30	Pass
			50	19.53	1.93	21.46	<=30	Pass
		100	0	19.45	1.93	21.38	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

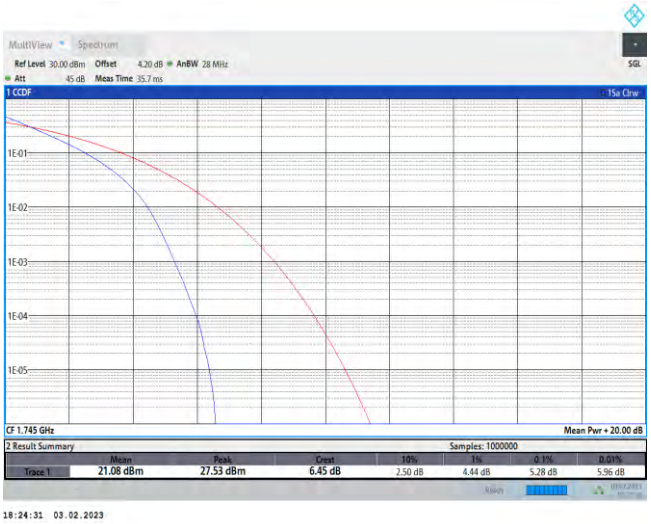
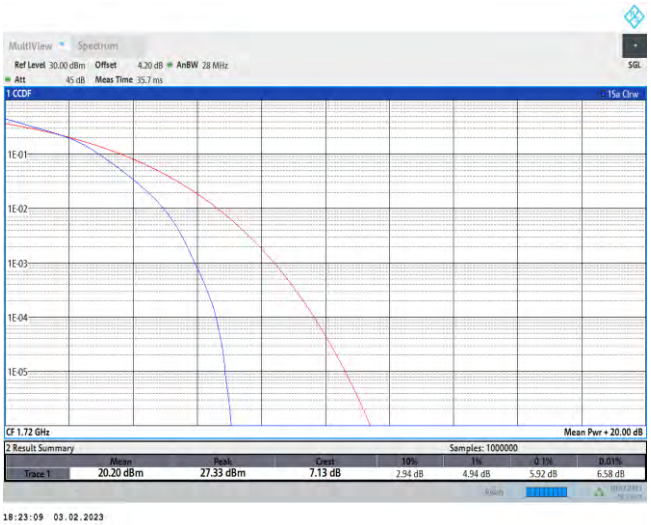
Peak-to-Average Ratio(CCDF)

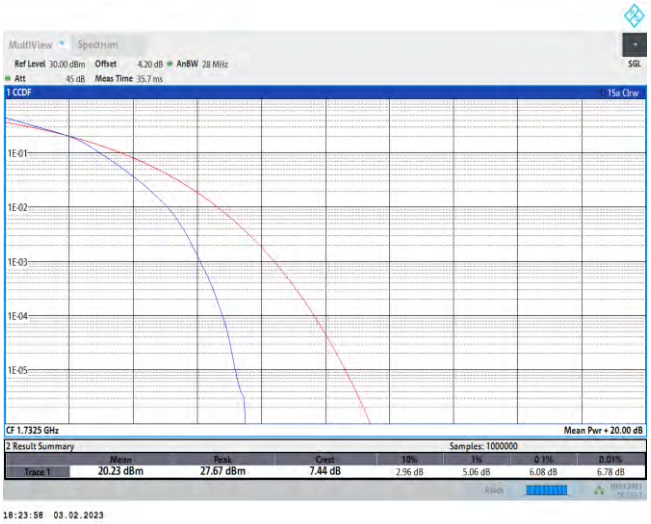
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.04	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.36	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.28	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.92	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.08	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.04	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.54	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.62	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.58	13	PASS

Test Graphs

Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20175-100RB#0


Band4-20MHz-QPSK-20300-100RB#0

Band4-20MHz-16QAM-20050-100RB#0


Band4-20MHz-16QAM-20175-100RB#0

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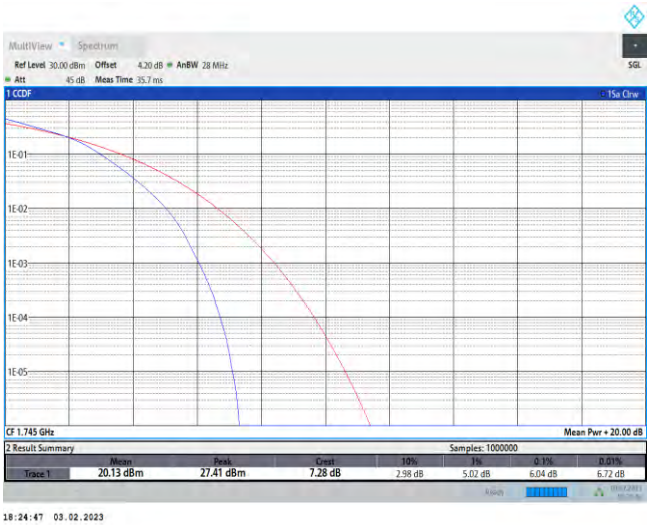

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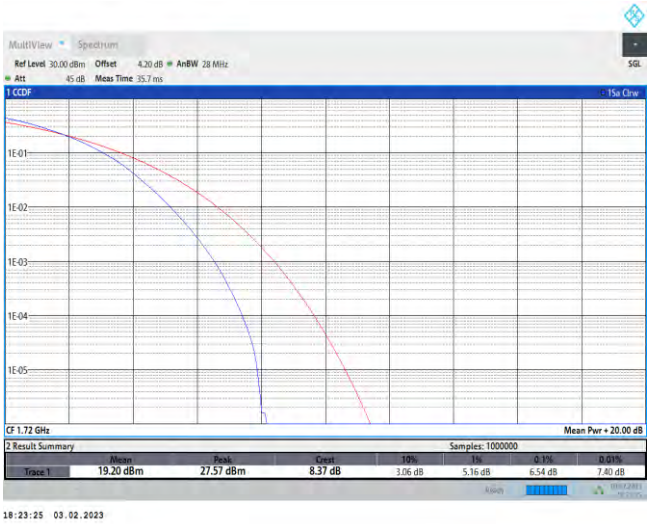
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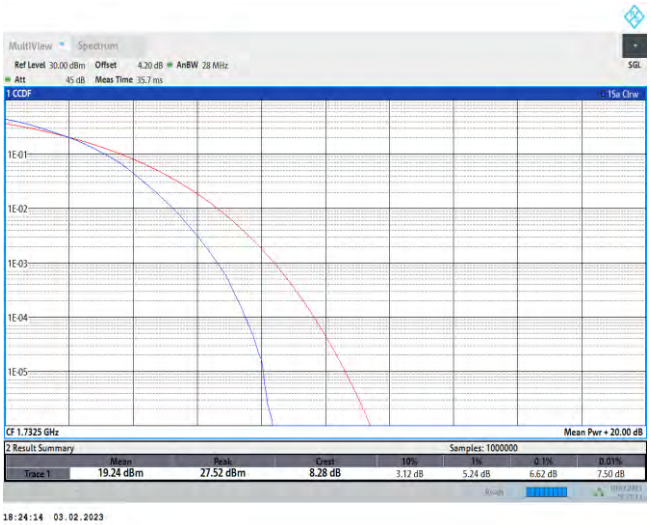

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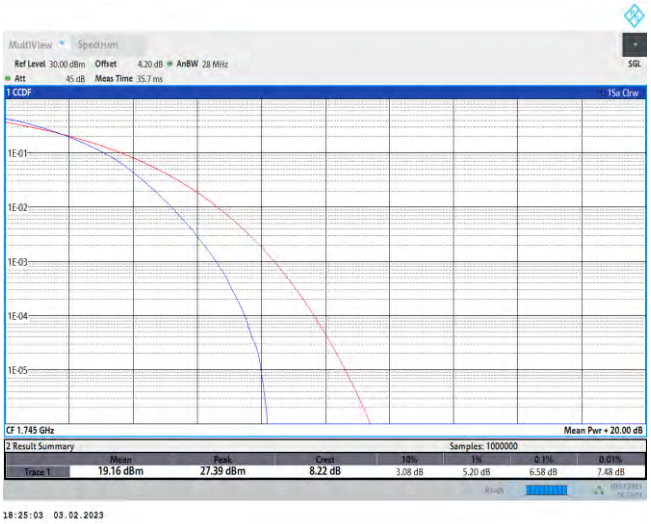


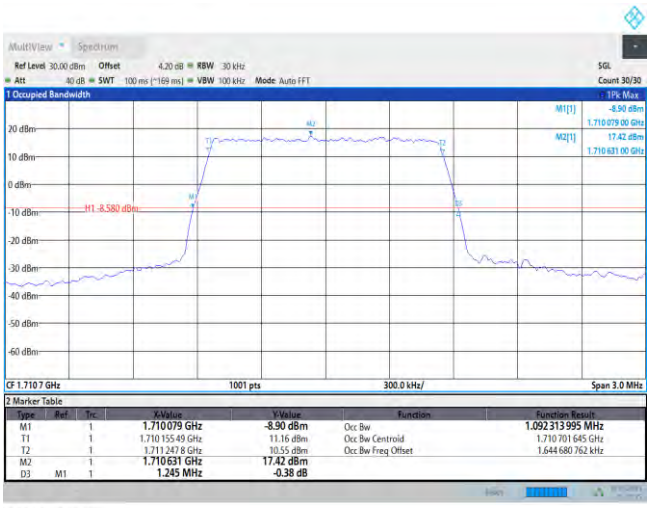
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.092	1.25	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.092	1.25	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.084	1.23	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.095	1.25	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.096	1.25	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.093	1.24	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.092	1.25	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.09	1.24	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.091	1.24	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.693	2.99	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.693	2.98	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.693	2.99	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.687	2.99	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.684	2.99	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.686	2.99	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.686	2.96	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.688	2.96	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.687	2.96	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.468	4.87	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.469	4.88	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.469	4.89	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.467	4.92	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.466	4.89	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.465	4.94	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.479	4.89	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.481	4.90	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.475	4.92	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.917	9.68	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.928	9.64	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.925	9.60	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.91	9.60	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.902	9.66	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.905	9.60	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.923	9.64	PASS

Band4	10MHz	64QAM	20175	50RB#0	8.92	9.62	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.92	9.62	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.468	14.79	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.443	14.70	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.465	14.79	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.446	14.70	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.443	14.85	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.452	14.70	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.433	14.79	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.433	14.76	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.434	14.79	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.913	19.44	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.925	19.48	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.907	19.52	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.854	19.32	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.874	19.40	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.897	19.48	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.869	19.56	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.888	19.48	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.874	19.44	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0


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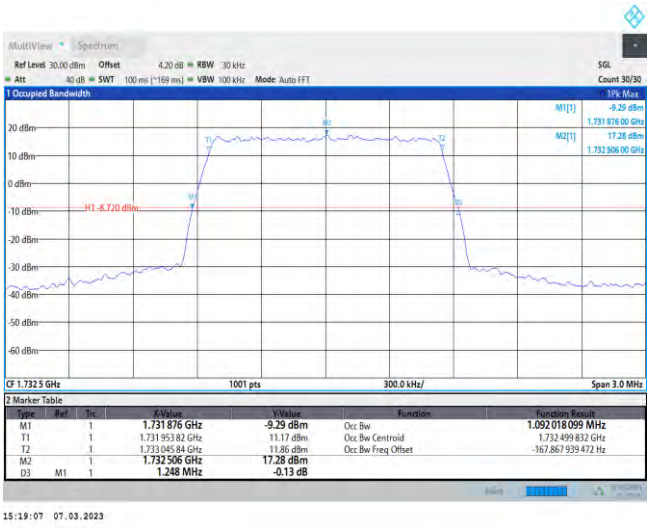

Band4-1.4MHz-QPSK-20393-6RB#0


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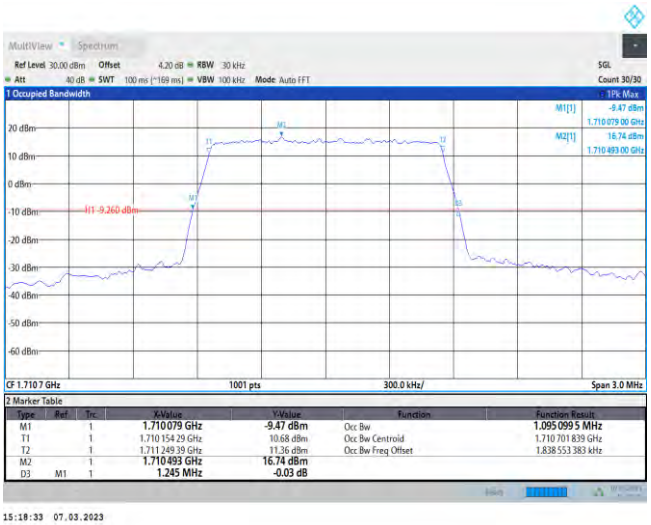

Band4-1.4MHz-16QAM-20175-6RB#0


Band4-1.4MHz-16QAM-20393-6RB#0


Band4-1.4MHz-64QAM-19957-6RB#0


Band4-1.4MHz-64QAM-20175-6RB#0


Band4-1.4MHz-64QAM-20393-6RB#0


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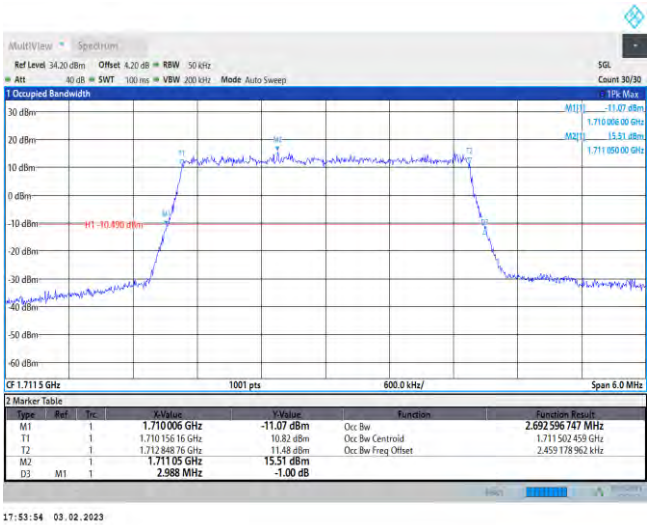

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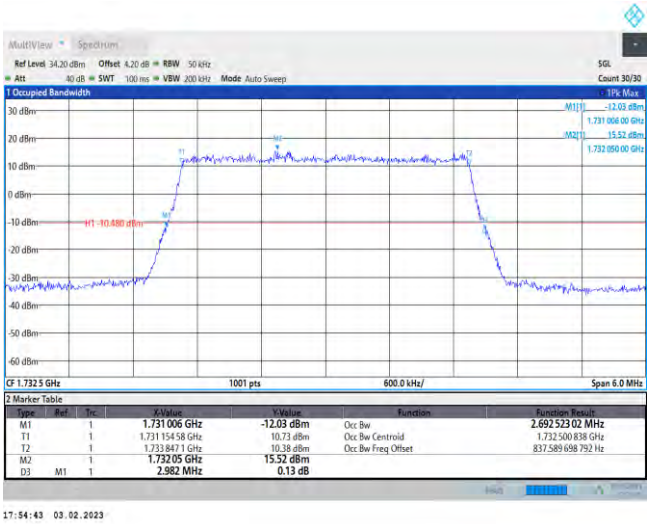

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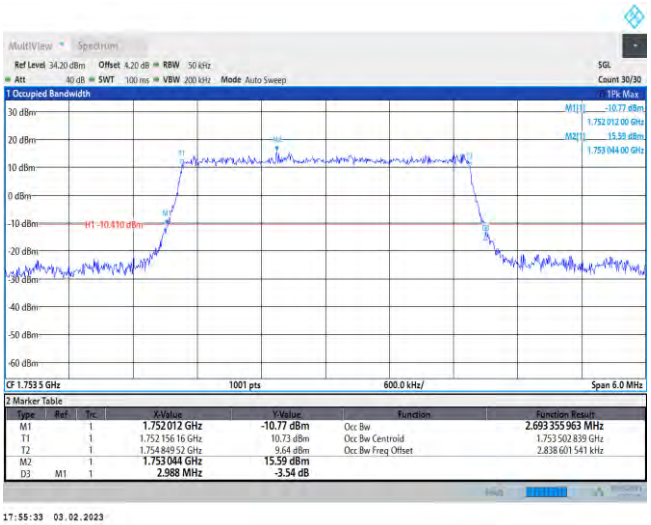

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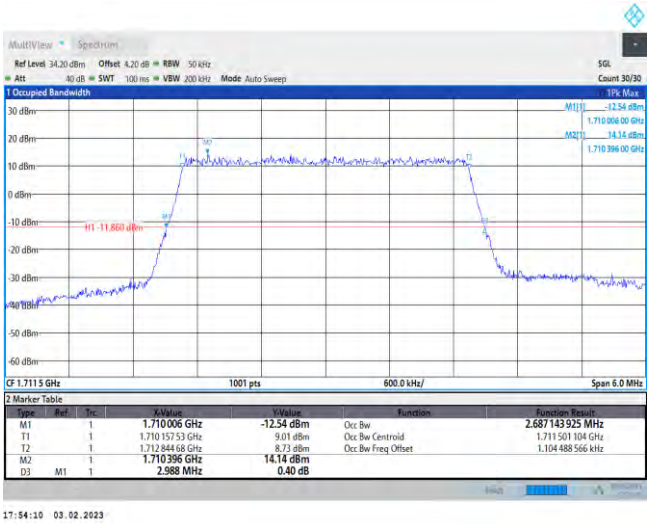
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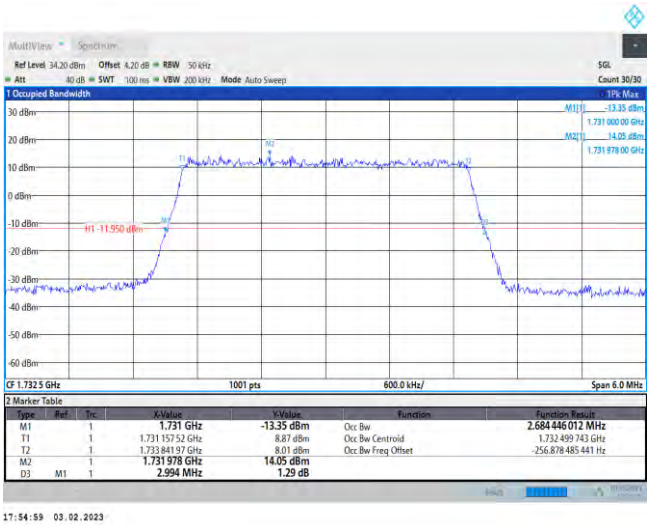

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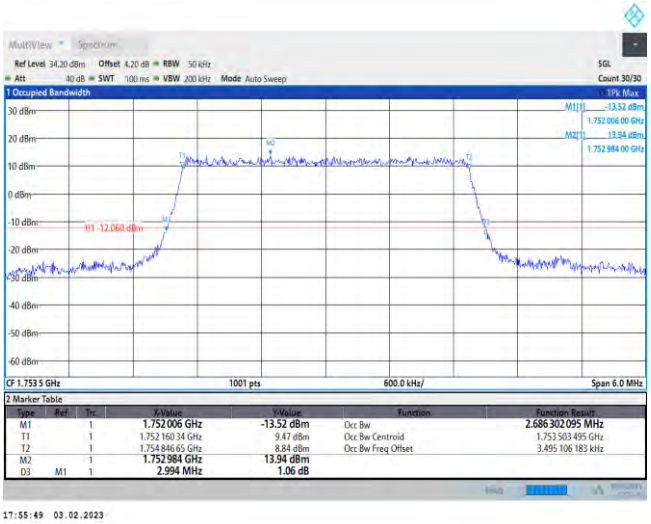

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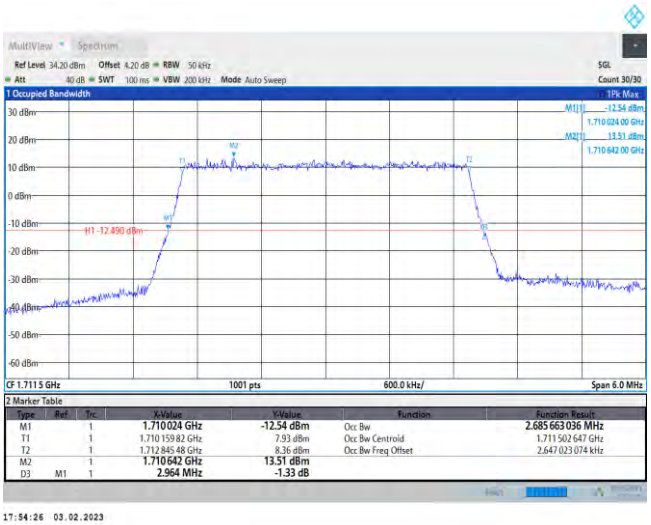

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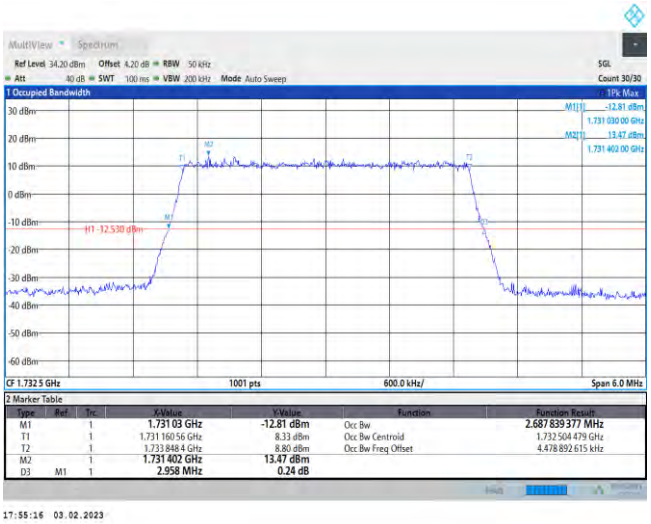
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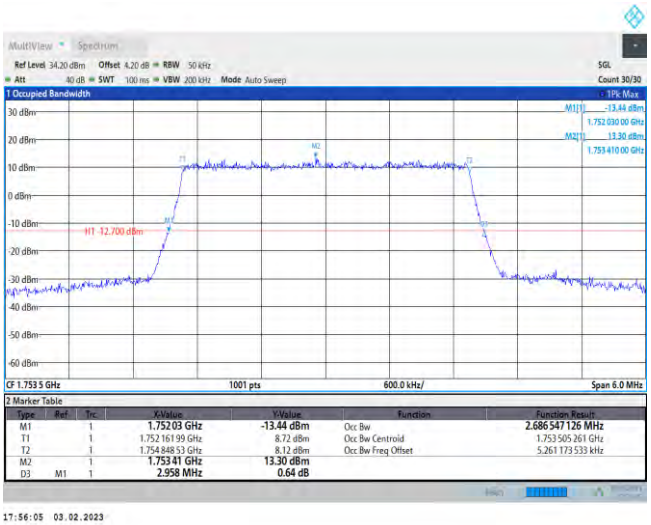

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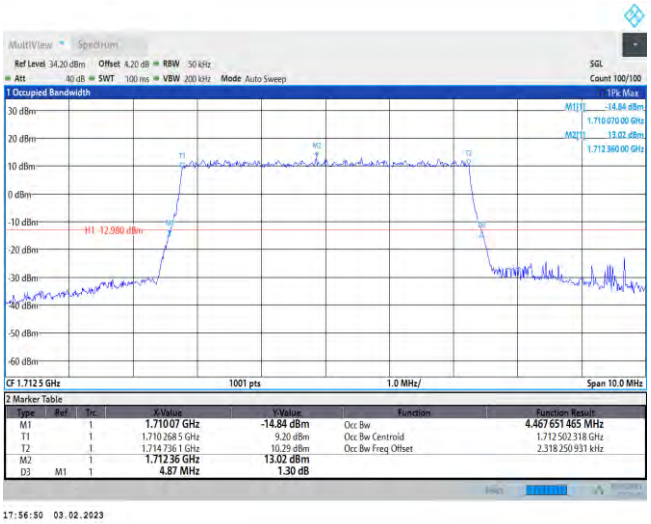
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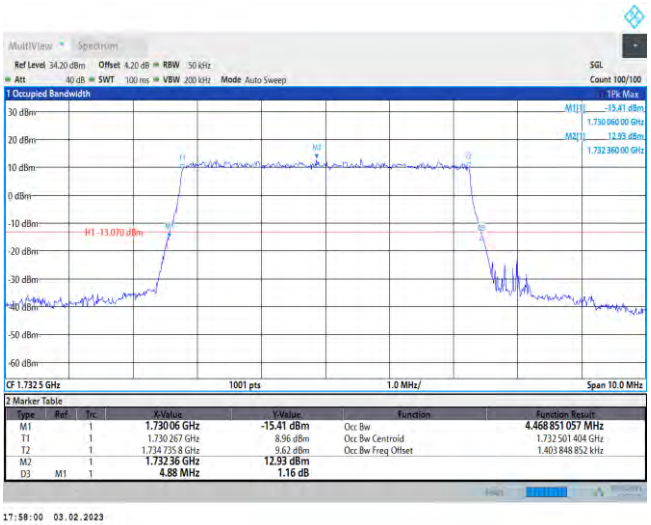

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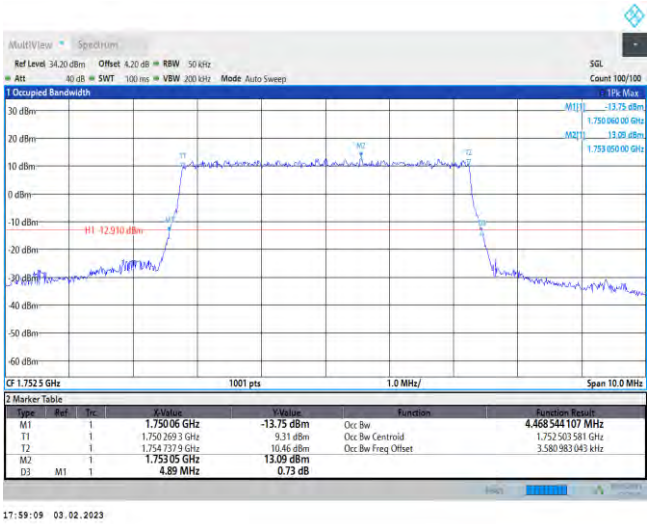

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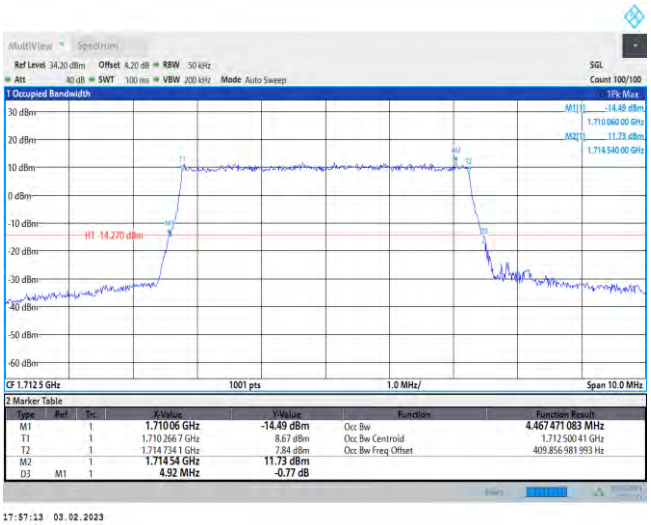

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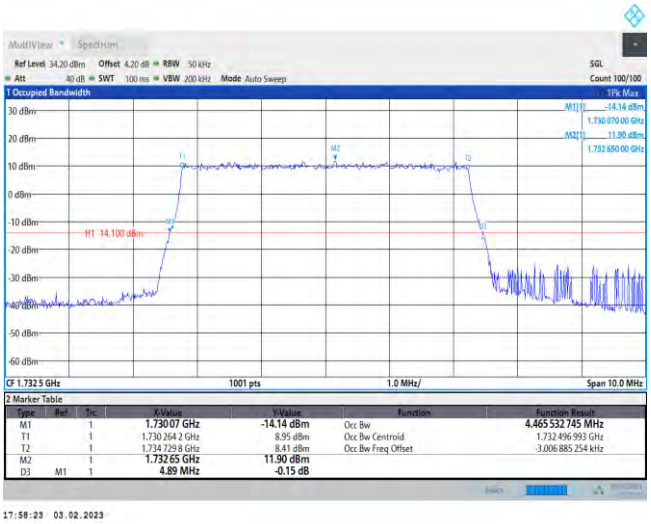

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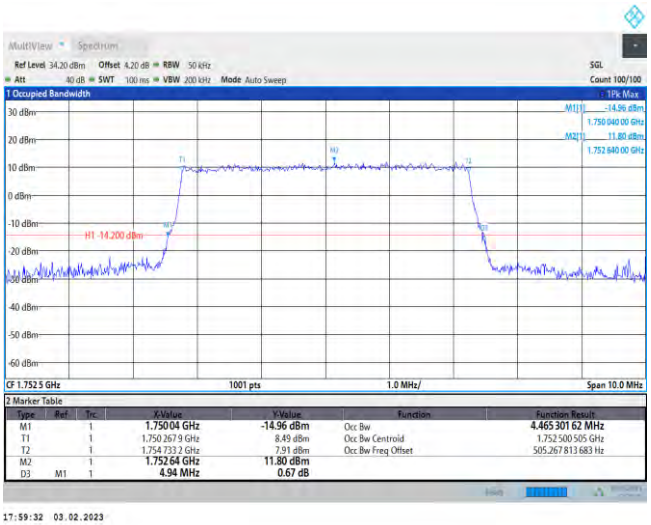

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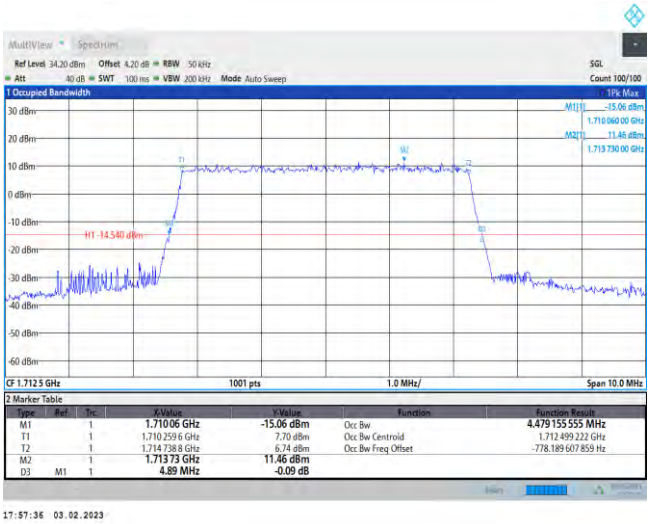
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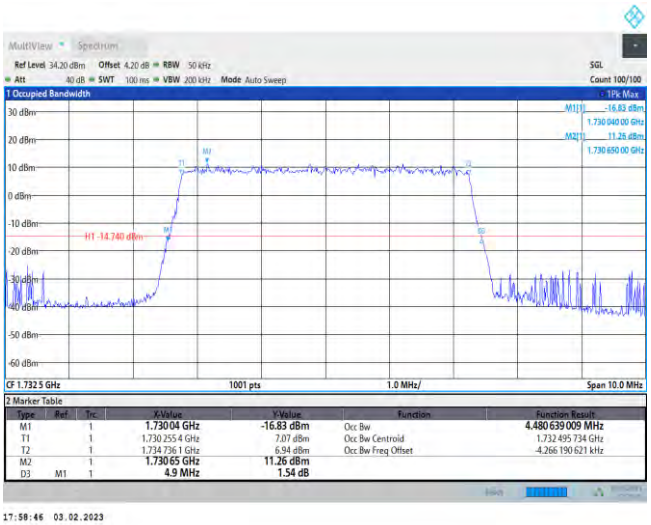

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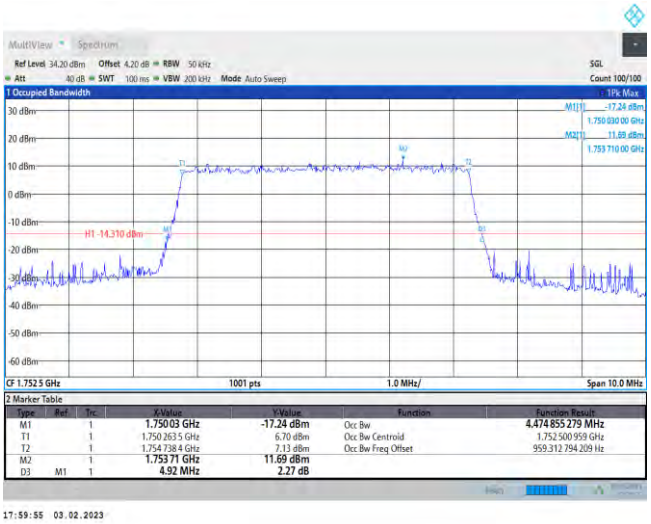

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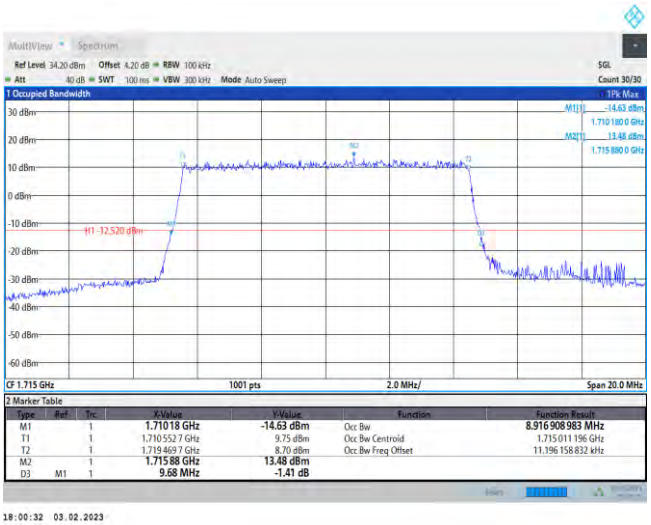

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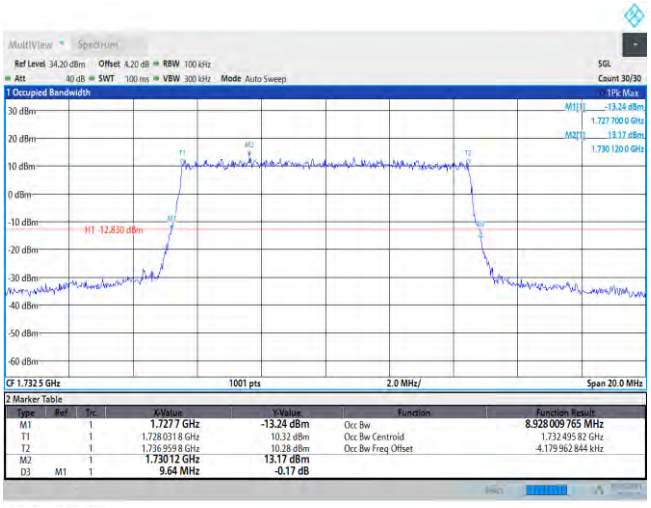
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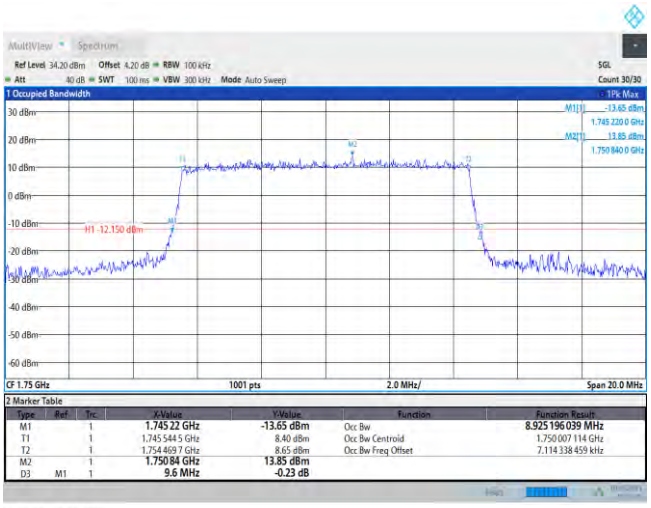

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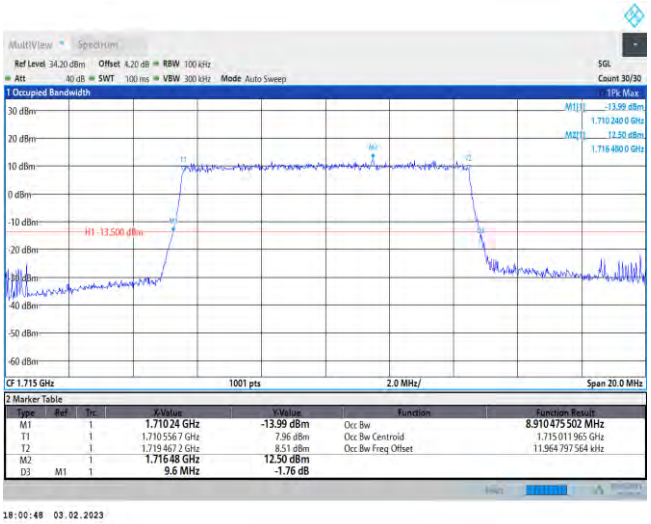
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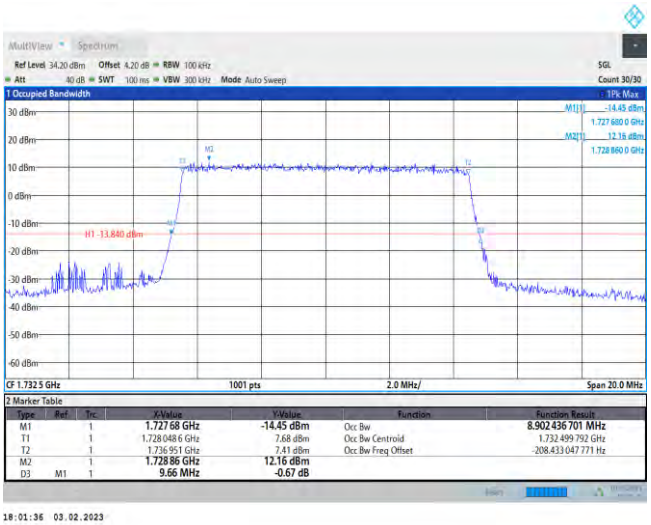

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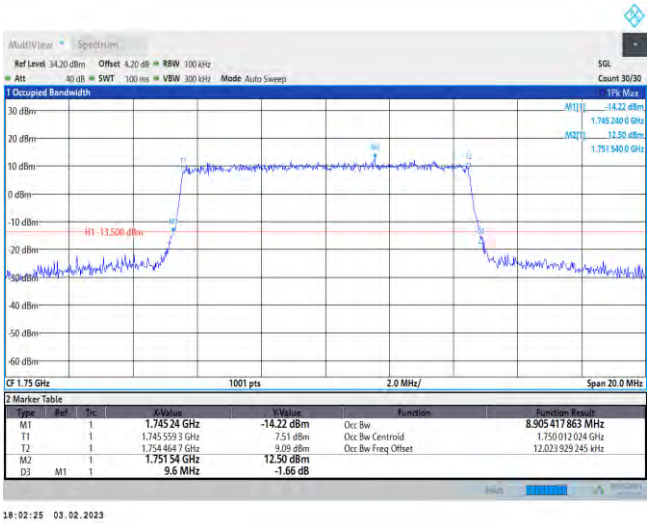
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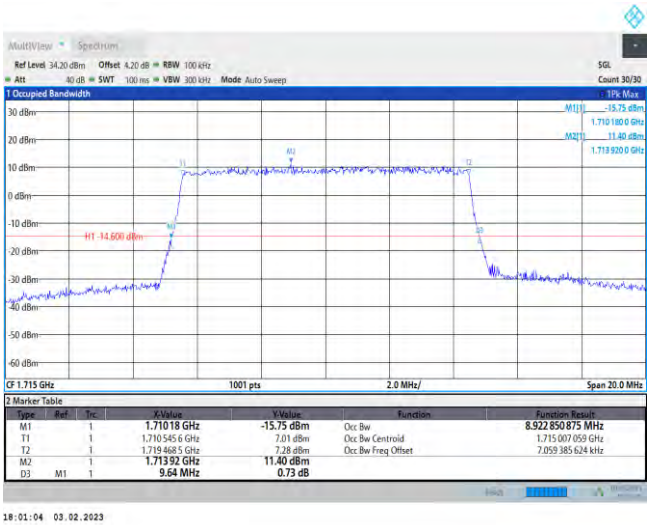

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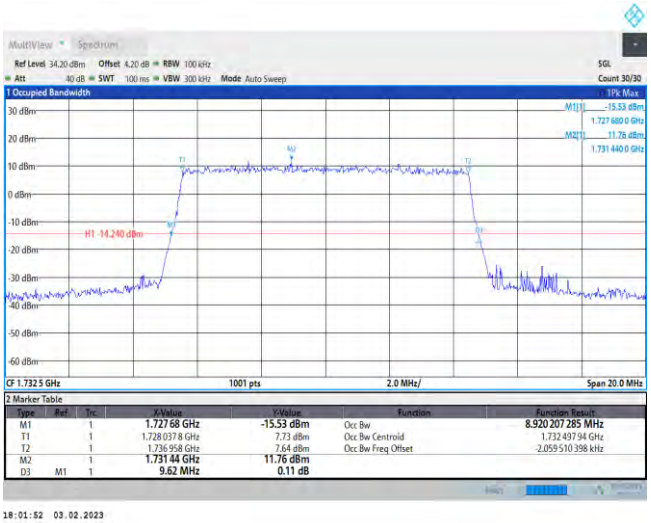
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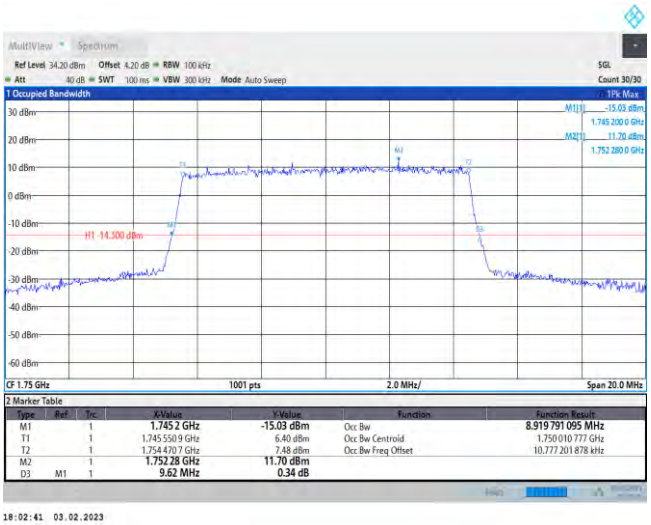

Band4-15MHz-QPSK-20025-75RB#0

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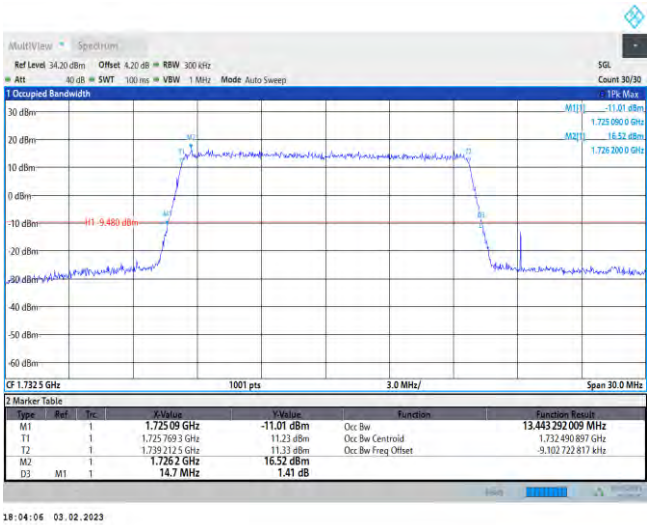

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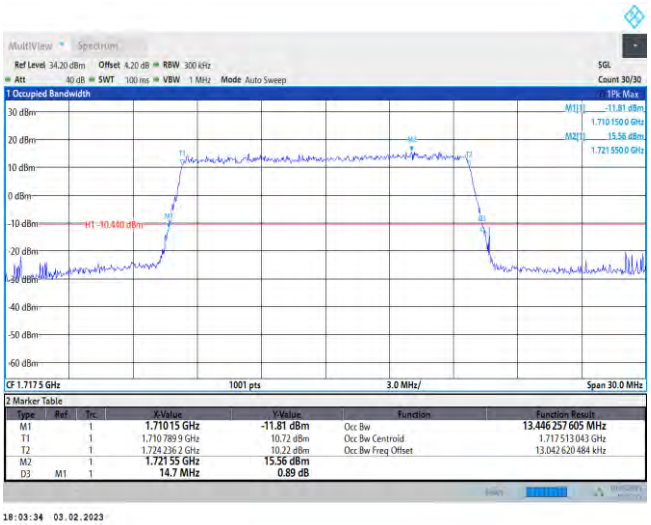

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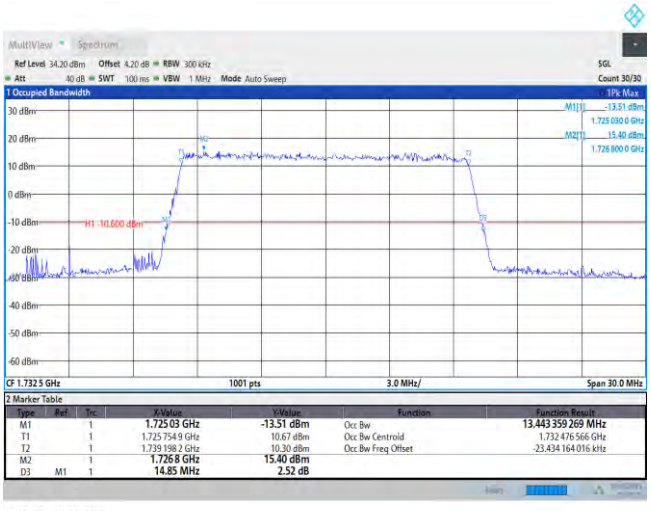
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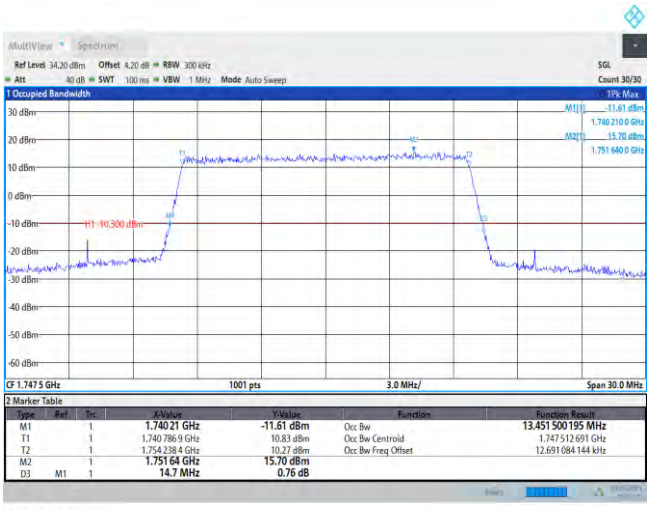

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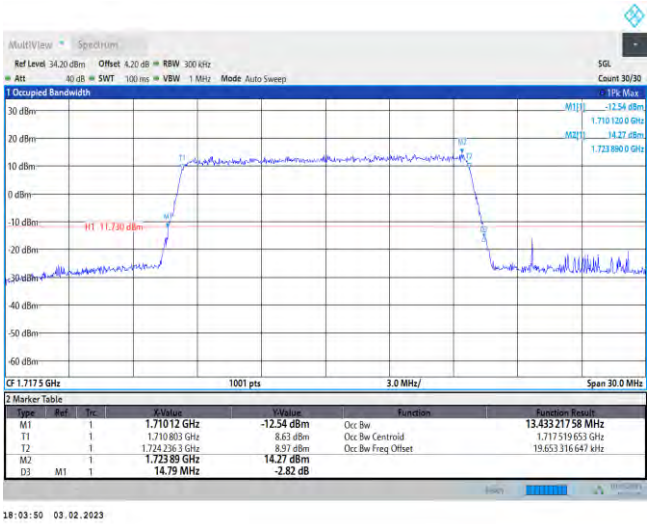

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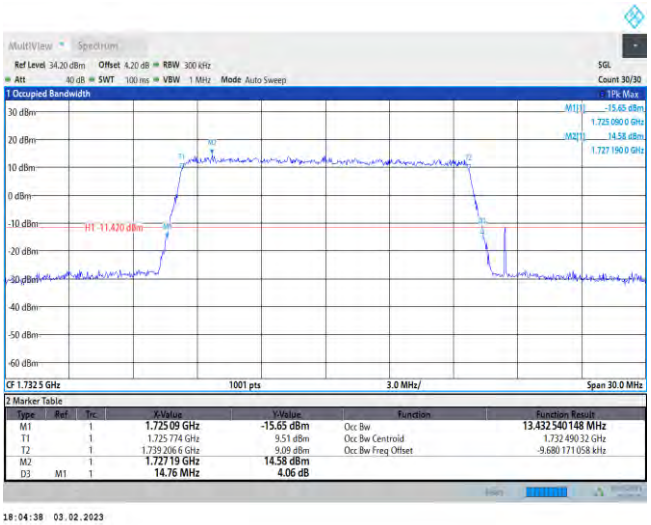

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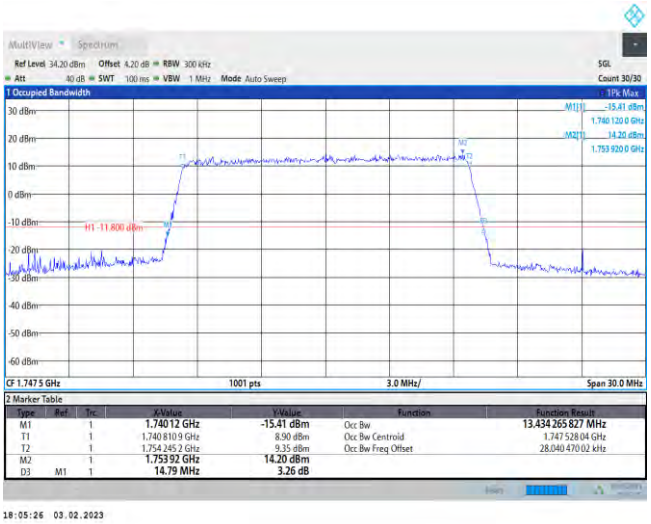

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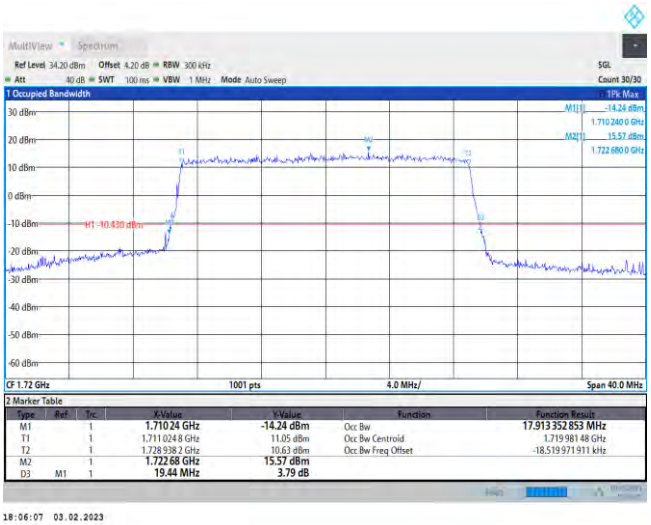
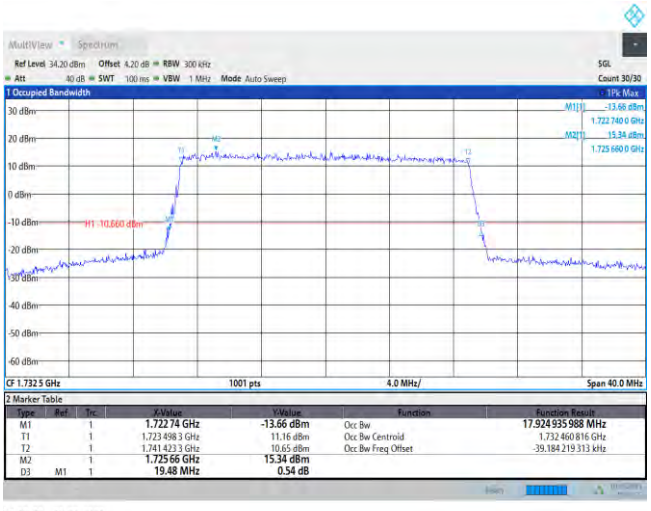
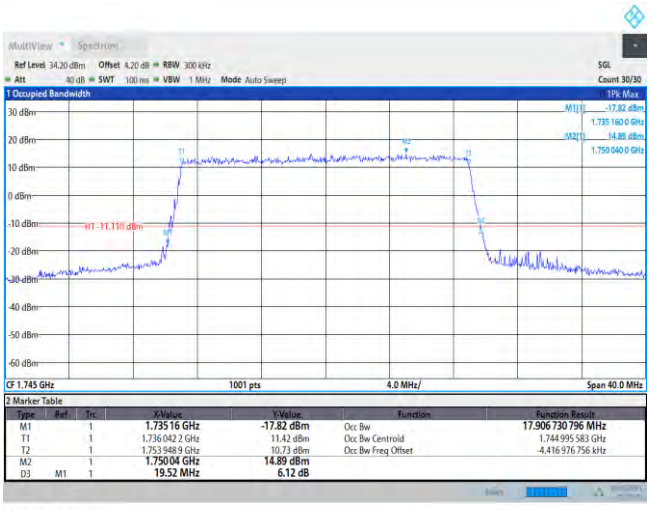
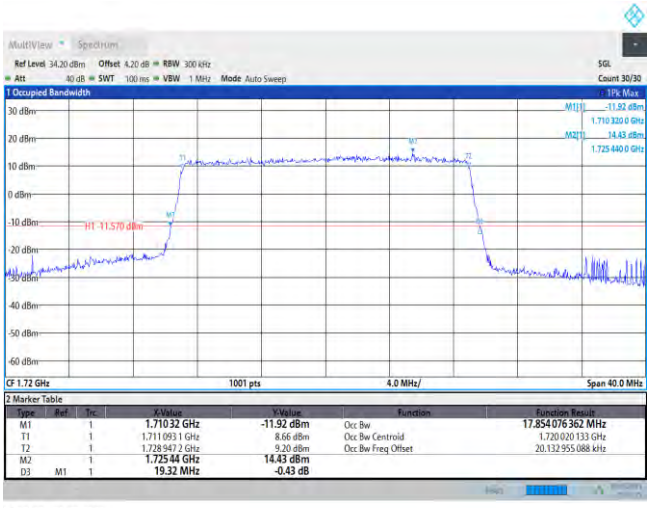
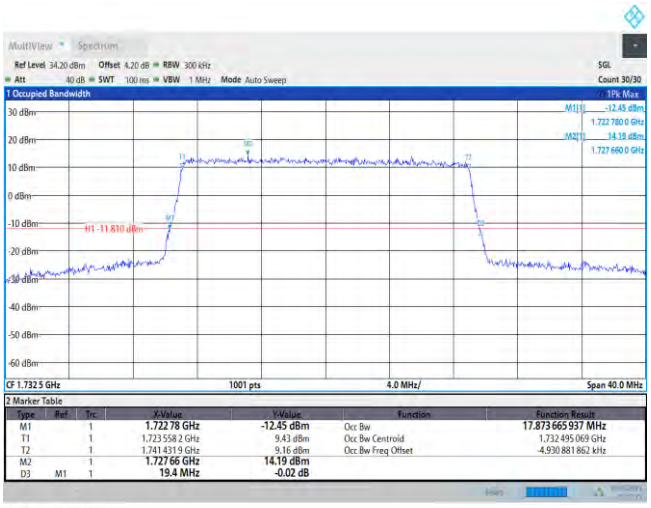
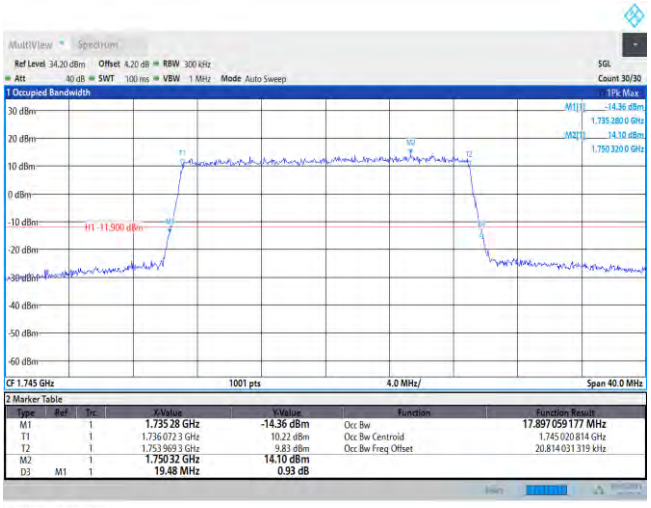
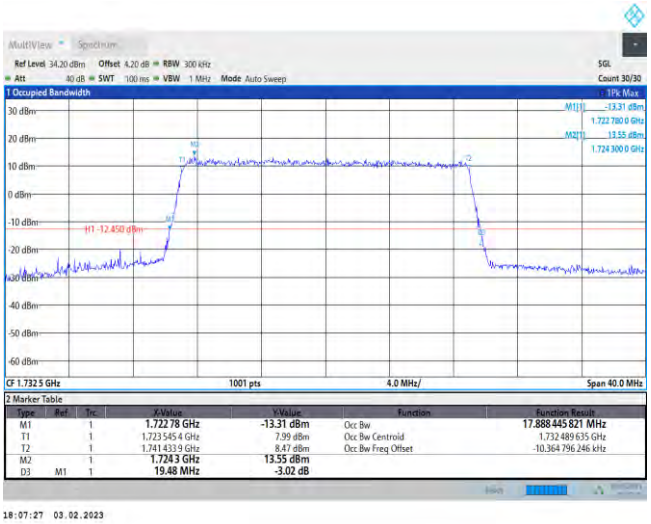


Band4-20MHz-QPSK-20175-100RB#0


Band4-20MHz-QPSK-20300-100RB#0


Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20175-100RB#0


Band4-20MHz-16QAM-20300-100RB#0

Band4-20MHz-64QAM-20050-100RB#0


Band4-20MHz-64QAM-20175-100RB#0

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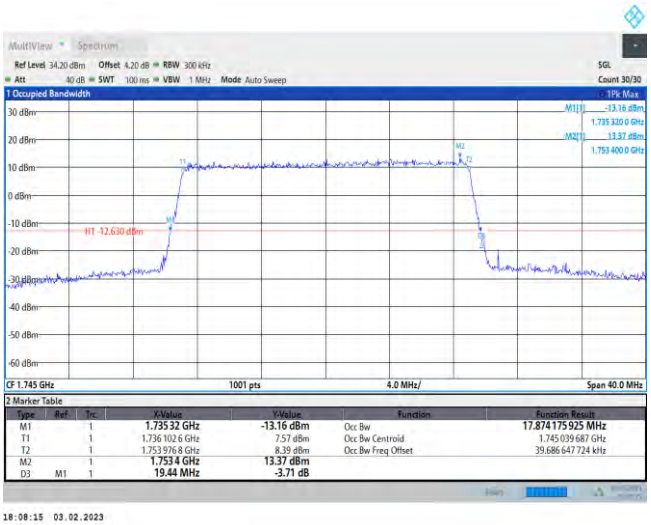
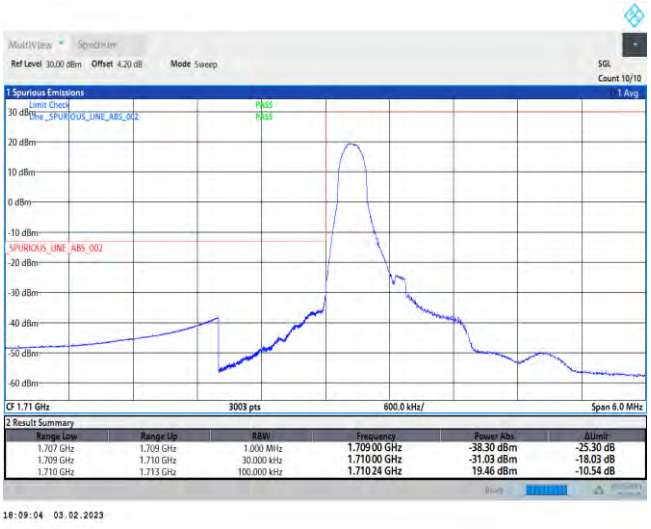


Band Edge

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0

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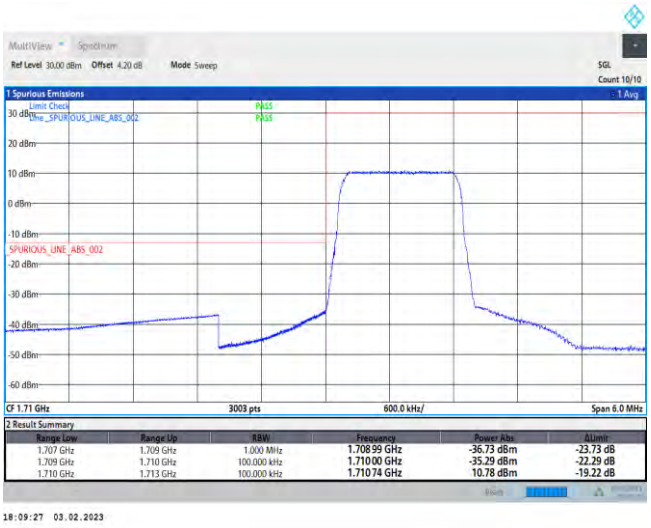

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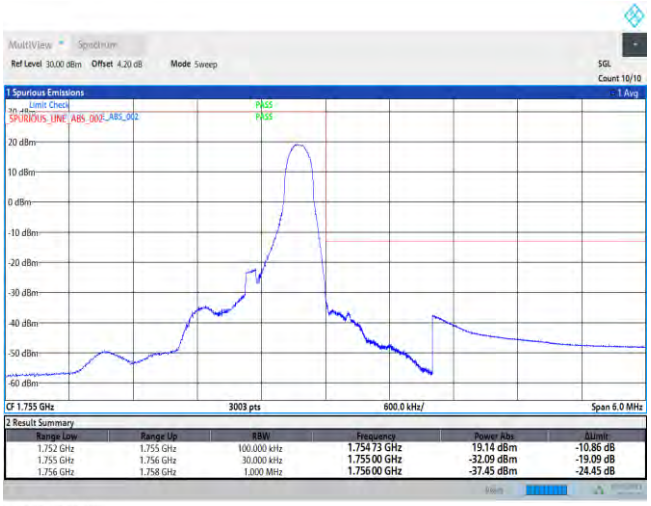 18:10:20 03.02.2023
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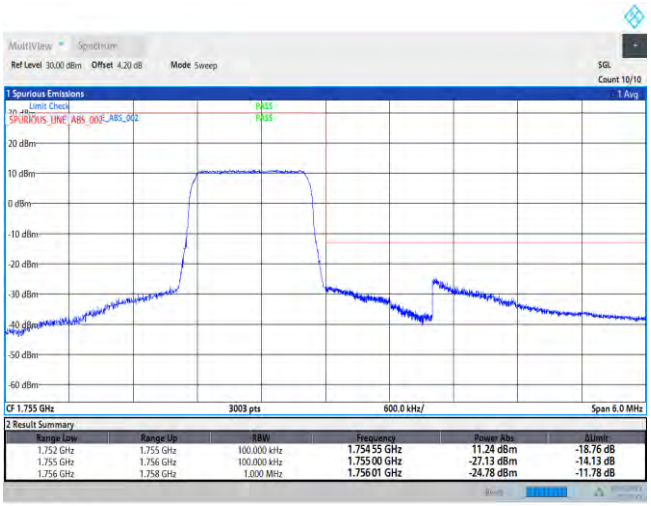
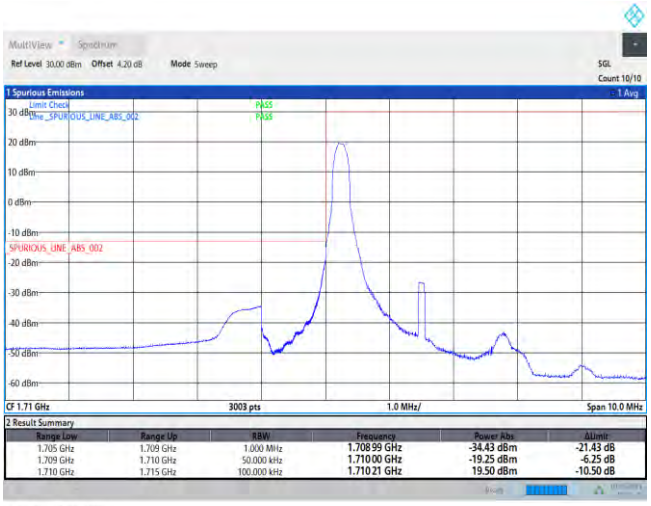
 18:10:43 03.02.2023

Band4-3MHz-QPSK-19965-1RB#0

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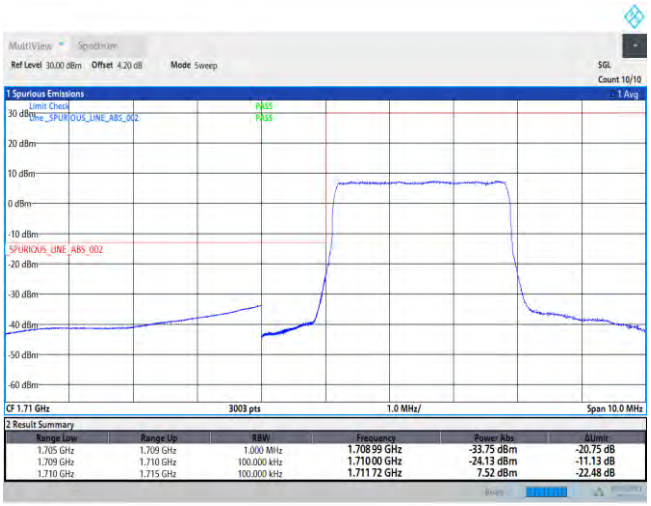
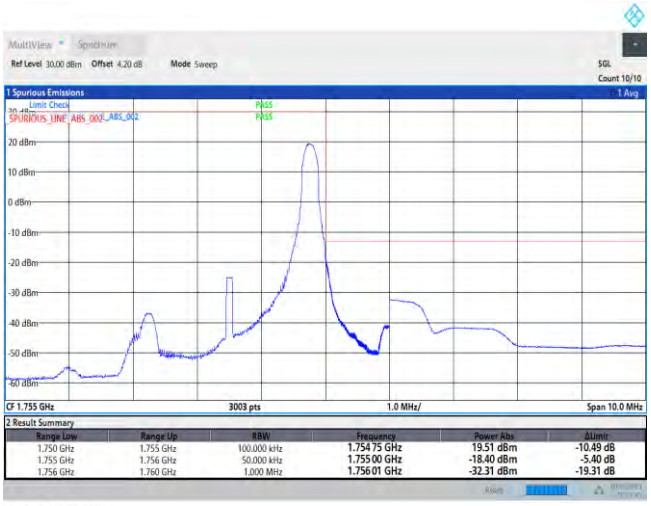


Band4-3MHz-QPSK-20385-1RB#14
 18:12:42 03.02.2023
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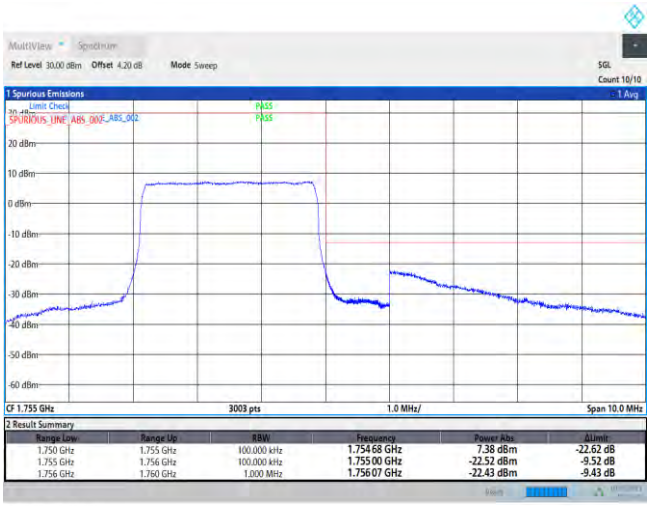
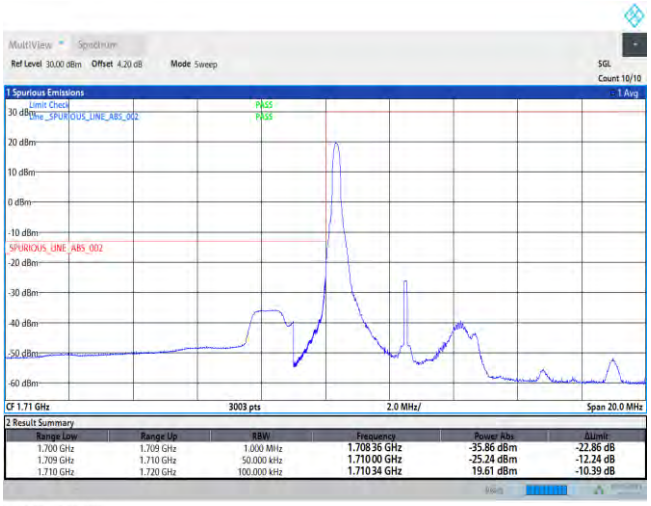
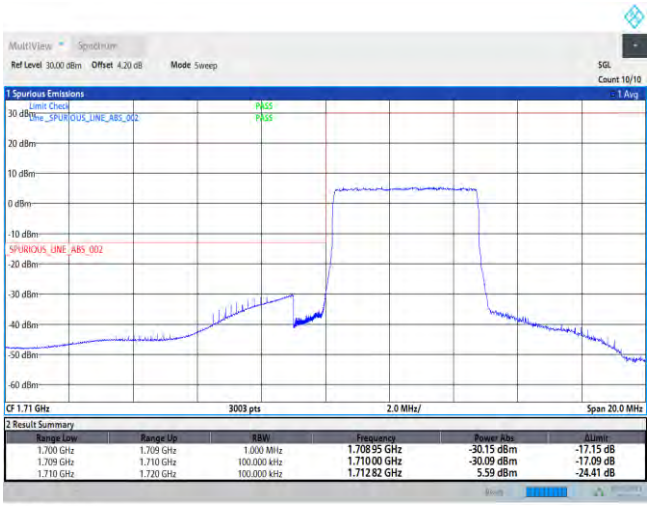
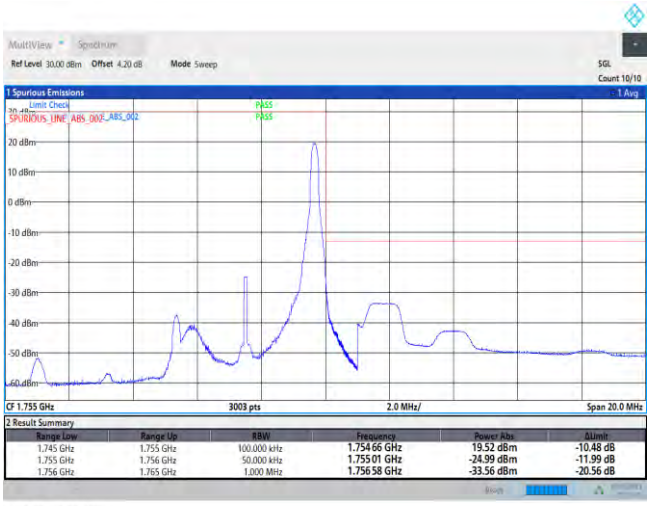
 18:13:05 03.02.2023

Band4-5MHz-QPSK-19975-1RB#0

Band4-5MHz-QPSK-19975-25RB#0


Band4-5MHz-QPSK-20375-1RB#24

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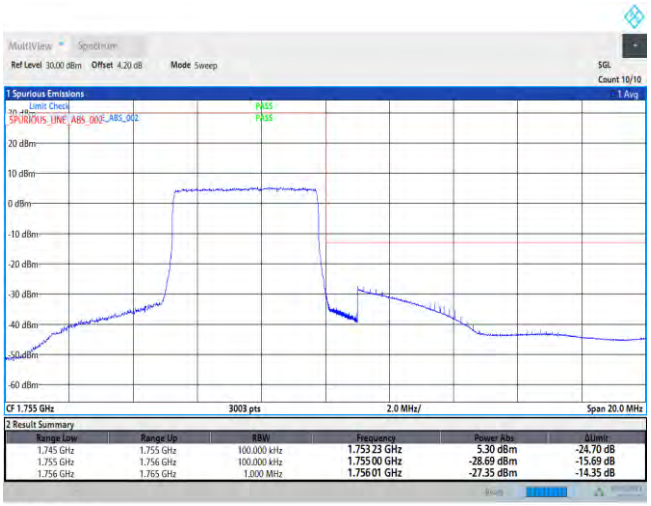

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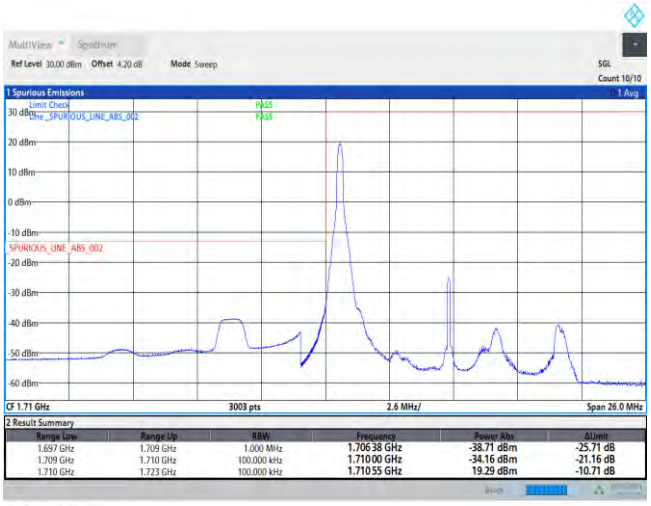
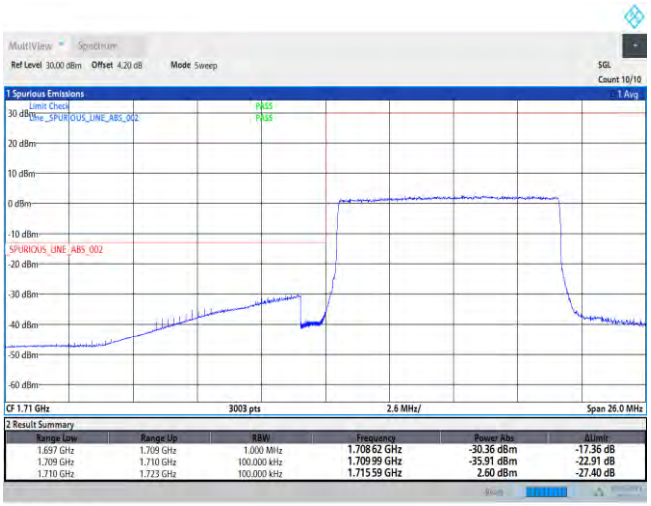
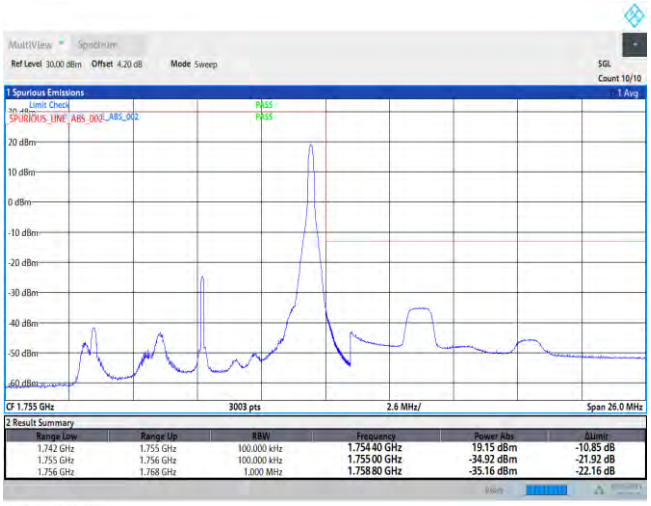
 18:16:11 03.02.2023
Band4-10MHz-QPSK-20000-50RB#0
 18:16:34 03.02.2023

Band4-10MHz-QPSK-20350-1RB#49
 18:17:21 03.02.2023
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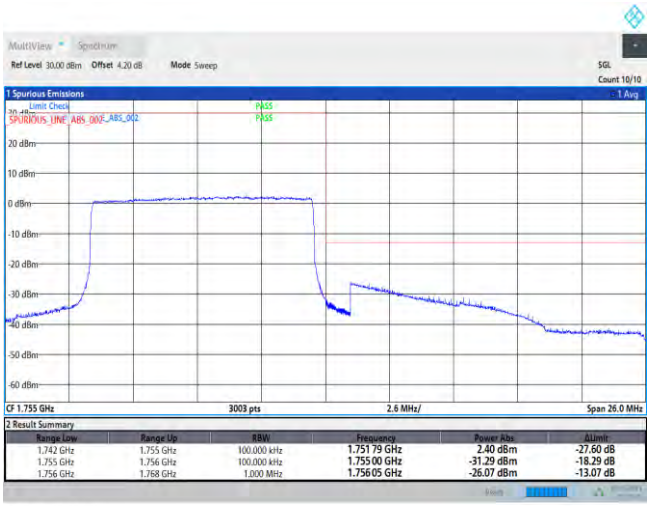
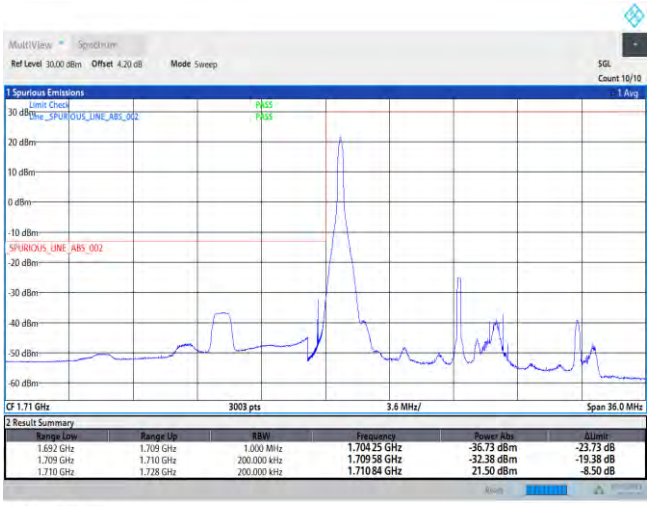
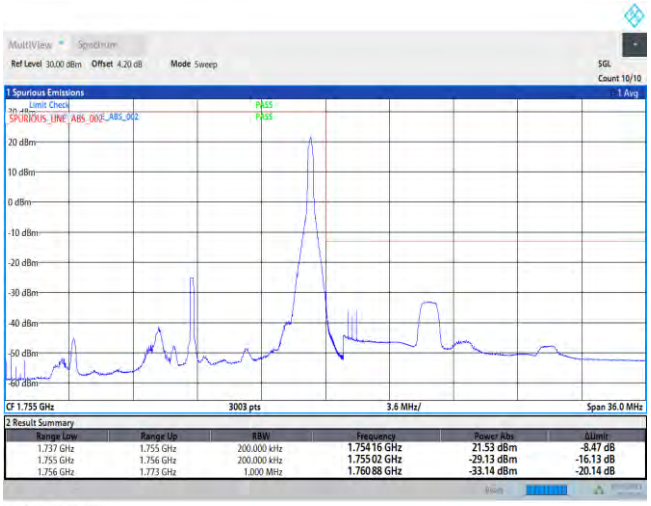
 18:17:44 03.02.2023

Band4-15MHz-QPSK-20025-1RB#0

Band4-15MHz-QPSK-20025-75RB#0


Band4-15MHz-QPSK-20325-1RB#74
 18:19:40 03.02.2023
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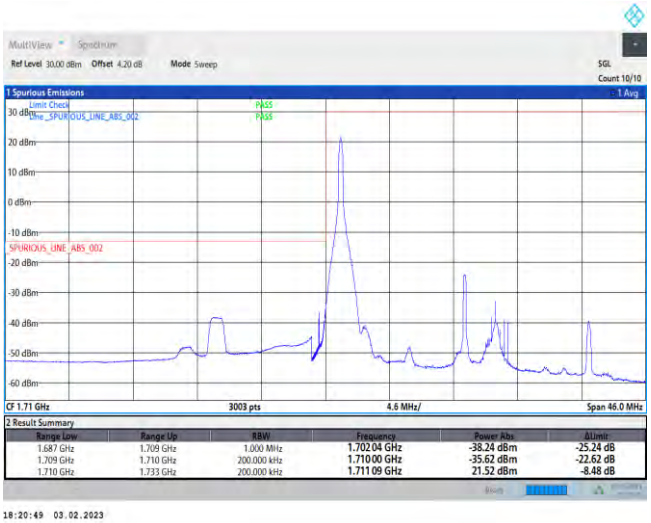
Band4-20MHz-QPSK-20050-1RB#0

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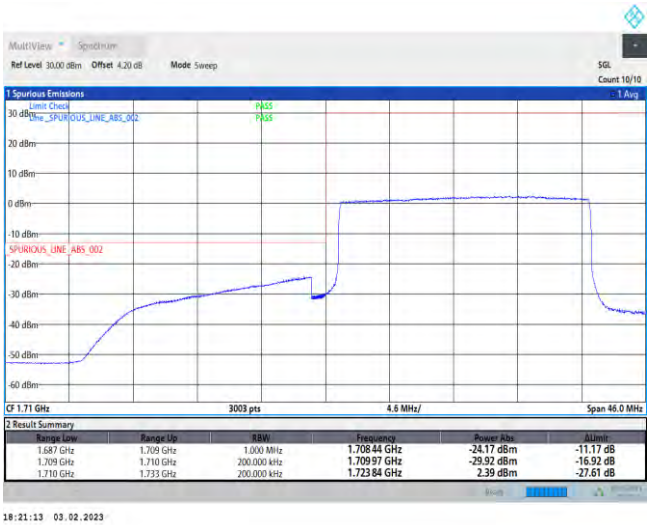
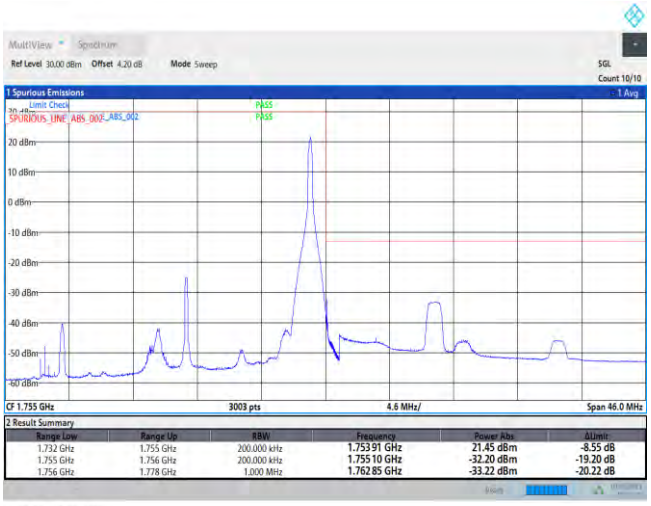
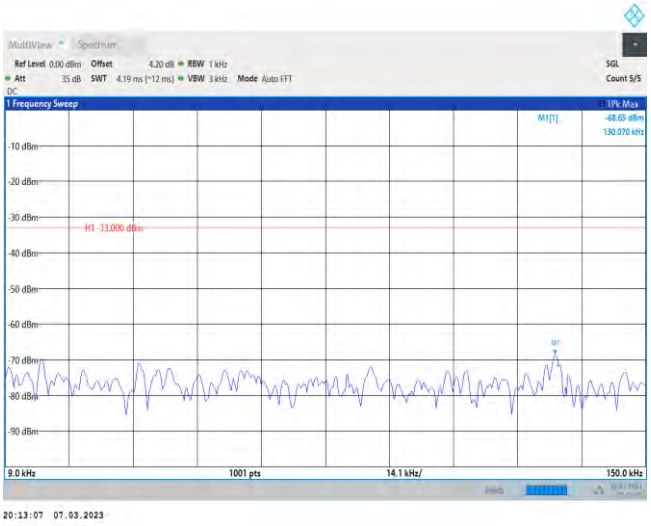
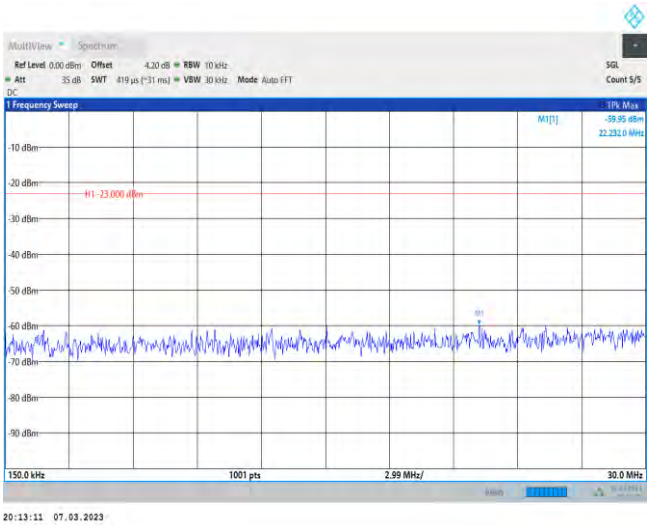
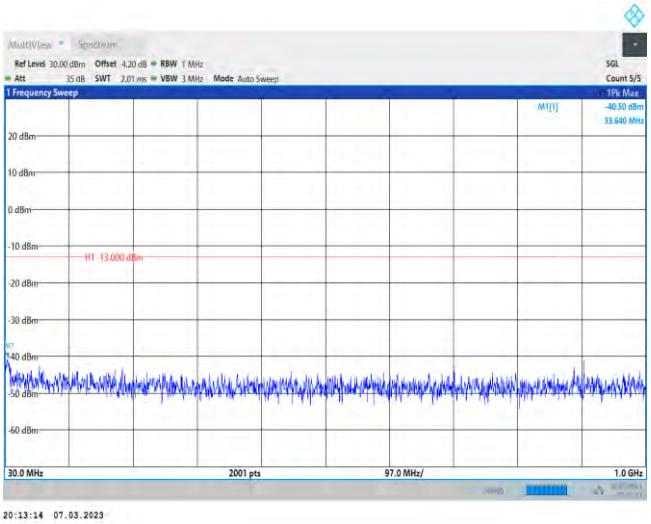
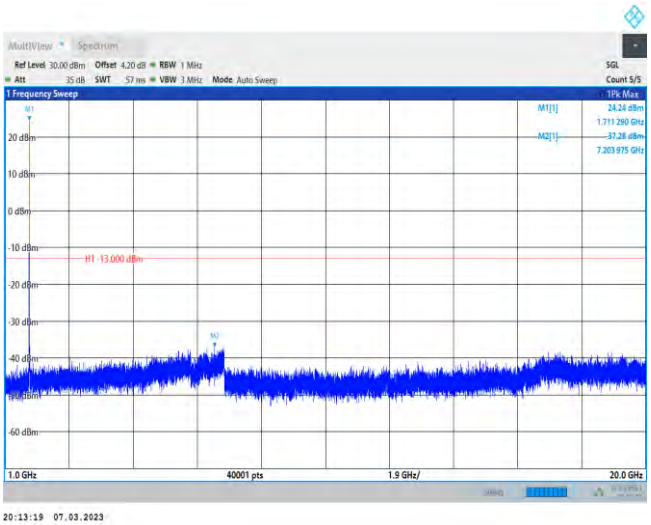


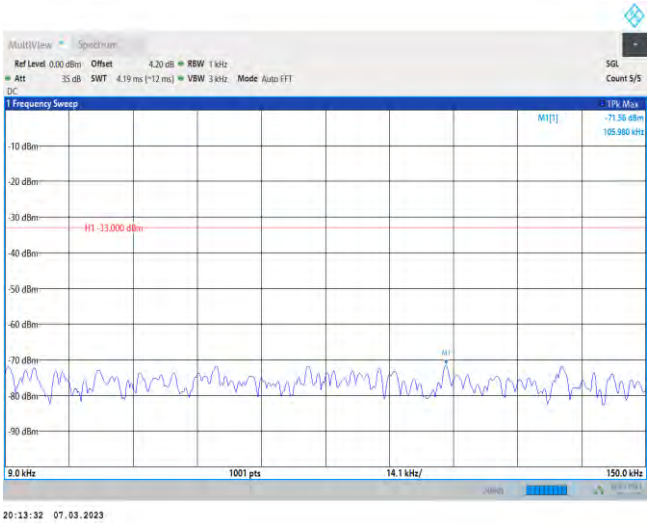
Band4-20MHz-QPSK-20300-1RB#99

Band4-20MHz-QPSK-20300-100RB#0


Conducted Spurious Emission

Test Graphs

Band4-20MHz-QPSK-20050-1RB#0-Range1:0.009~0.15MHz

Band4-20MHz-QPSK-20050-1RB#0-Range2:0.15~30MHz


Band4-20MHz-QPSK-20050-1RB#0-Range3:30~1000MHz

Band4-20MHz-QPSK-20050-1RB#0-Range4:1000~20000MHz


Band4-20MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz

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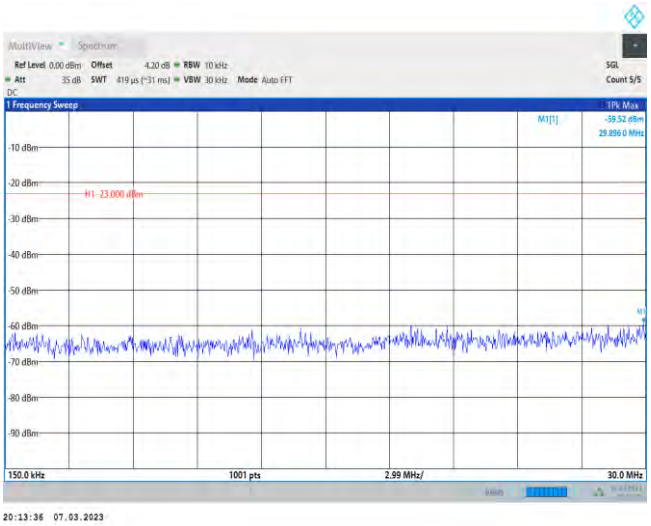
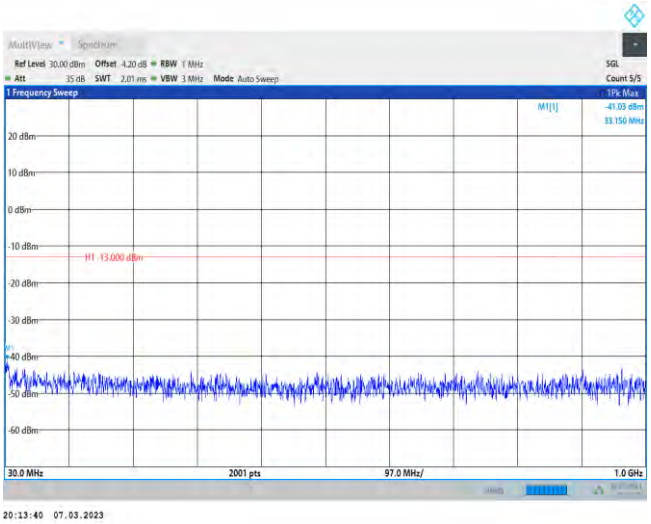
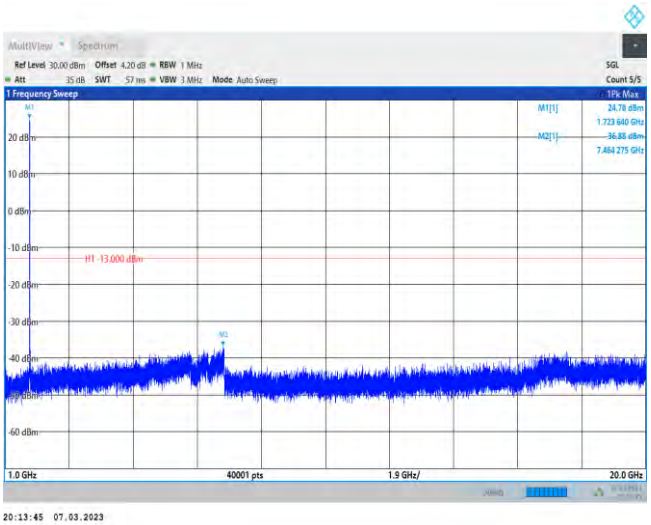
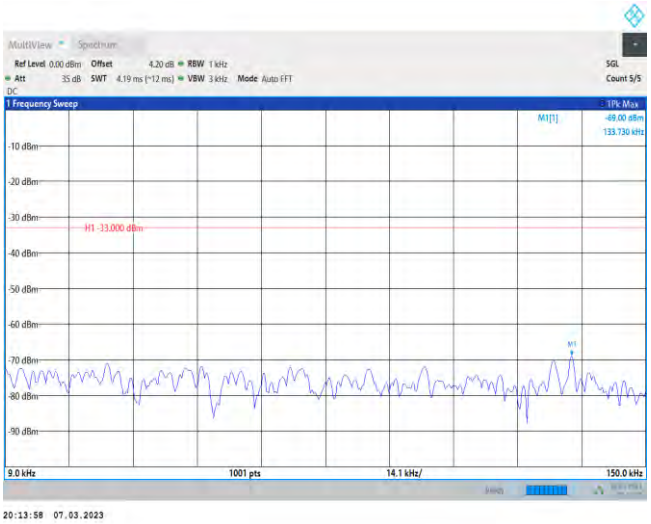
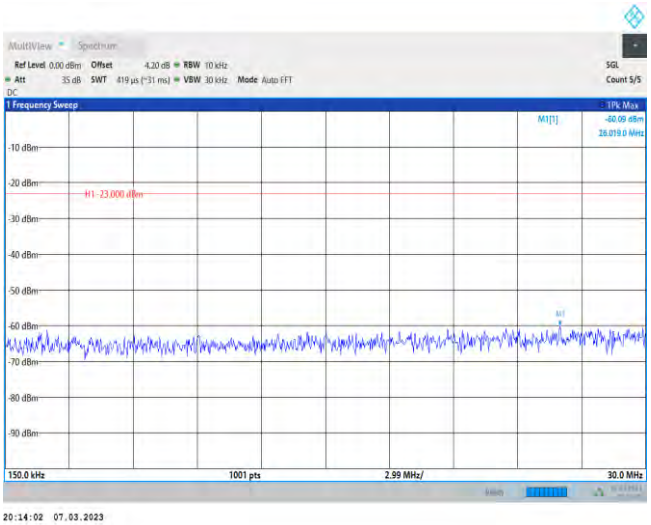
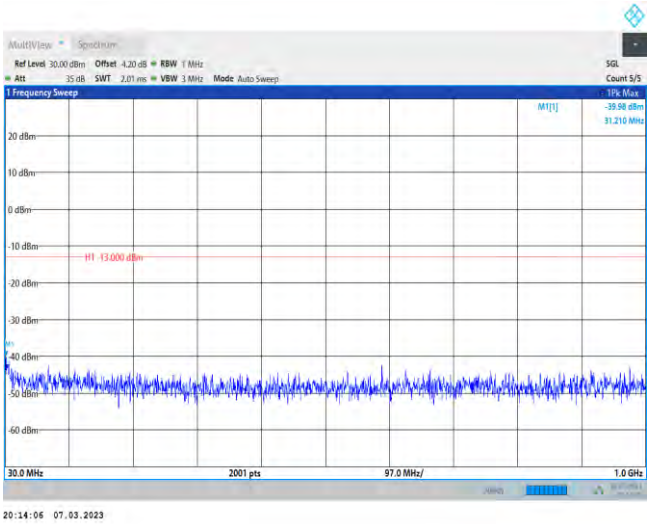
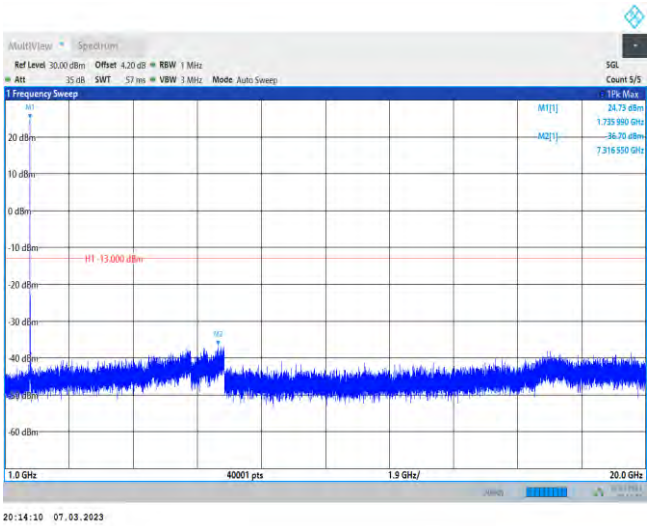


Band4-20MHz-QPSK-20175-1RB#0-Range3:30~1000MHz

Band4-20MHz-QPSK-20175-1RB#0-Range4:1000~20000MHz


Band4-20MHz-QPSK-20300-1RB#0-Range1:0.009~0.15MHz

Band4-20MHz-QPSK-20300-1RB#0-Range2:0.15~30MHz


Band4-20MHz-QPSK-20300-1RB#0-Range3:30~1000MHz

Band4-20MHz-QPSK-20300-1RB#0-Range4:1000~20000MHz


Field Strength of Spurious Radiation

Test Band = LTE Band 4_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	43.60	-45.88	29.43	-68.11	-13.00	55.11	285	335	Horizontal
2	5133.27	41.56	-44.24	32.60	-65.34	-13.00	52.34	100	360	Horizontal
3	6844.36	40.36	-42.50	35.89	-61.51	-13.00	48.51	142	355	Horizontal
4	8555.45	36.48	-39.68	38.11	-60.35	-13.00	47.35	263	150	Horizontal
5	10266.54	34.54	-36.74	38.79	-58.66	-13.00	45.66	225	200	Horizontal
6	11977.63	33.19	-35.32	38.62	-58.76	-13.00	45.76	124	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	44.77	-45.88	29.43	-66.94	-13.00	53.94	174	233	Vertical
2	5133.27	41.58	-44.24	32.60	-65.32	-13.00	52.32	142	50	Vertical
3	6844.36	39.66	-42.50	35.89	-62.21	-13.00	49.21	263	360	Vertical
4	8555.45	36.72	-39.68	38.11	-60.11	-13.00	47.11	254	360	Vertical
5	10266.54	34.20	-36.74	38.79	-59.00	-13.00	46.00	185	66	Vertical
6	11977.63	31.94	-35.32	38.62	-60.01	-13.00	47.01	296	360	Vertical

Test Band = LTE Band 4_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	42.95	-45.82	29.42	-68.70	-13.00	55.70	142	16	Horizontal
2	5170.77	40.88	-44.19	32.60	-65.97	-13.00	52.97	265	3	Horizontal
3	6894.36	41.07	-42.44	35.99	-60.64	-13.00	47.64	284	3	Horizontal
4	8617.95	36.07	-39.74	38.18	-60.75	-13.00	47.75	145	359	Horizontal
5	10341.54	34.70	-36.68	38.88	-58.36	-13.00	45.36	296	117	Horizontal
6	12065.13	32.82	-35.25	38.67	-59.03	-13.00	46.03	224	252	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	42.72	-45.82	29.42	-68.93	-13.00	55.93	247	360	Vertical
2	5170.77	41.13	-44.19	32.60	-65.72	-13.00	52.72	265	3	Vertical
3	6894.36	39.55	-42.44	35.99	-62.16	-13.00	49.16	284	248	Vertical
4	8617.95	36.17	-39.74	38.18	-60.65	-13.00	47.65	142	149	Vertical
5	10341.54	35.02	-36.68	38.88	-58.04	-13.00	45.04	263	360	Vertical
6	12065.13	32.93	-35.25	38.67	-58.92	-13.00	45.92	258	199	Vertical

Test Band = LTE Band 4_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	42.40	-45.76	29.41	-69.21	-13.00	56.21	142	306	Horizontal
2	5208.27	41.27	-44.14	32.60	-65.53	-13.00	52.53	296	322	Horizontal
3	6944.36	39.76	-42.50	36.09	-61.91	-13.00	48.91	254	236	Horizontal
4	8680.45	36.47	-39.46	38.25	-60.00	-13.00	47.00	142	236	Horizontal
5	10416.54	33.05	-36.46	38.96	-59.71	-13.00	46.71	285	150	Horizontal
6	12152.63	32.08	-35.22	38.75	-59.65	-13.00	46.65	274	205	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	43.55	-45.76	29.41	-68.06	-13.00	55.06	296	185	Vertical
2	5208.27	41.61	-44.14	32.60	-65.19	-13.00	52.19	265	167	Vertical
3	6944.36	39.90	-42.50	36.09	-61.77	-13.00	48.77	241	16	Vertical
4	8680.45	35.89	-39.46	38.25	-60.58	-13.00	47.58	142	50	Vertical
5	10416.54	31.53	-36.46	38.96	-61.23	-13.00	48.23	263	185	Vertical
6	12152.63	31.86	-35.22	38.75	-59.87	-13.00	46.87	221	360	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

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	6.10	0.003521	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-9.50	-0.005483	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-0.40	-0.000231	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-2.90	-0.001674	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-8.10	-0.004675	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	6.70	0.003867	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-7.80	-0.004502	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-7.00	-0.004040	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-1.20	-0.000693	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.30	0.000173	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	1.10	0.000635	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	4.50	0.002597	PASS

---End of Attachment---