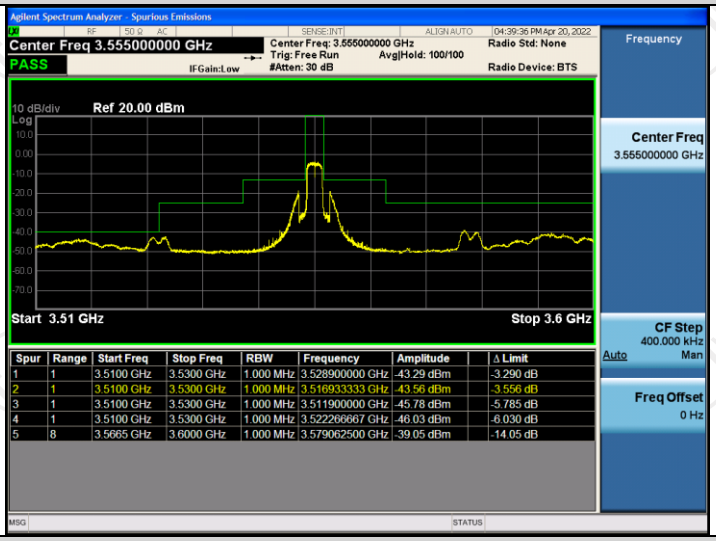
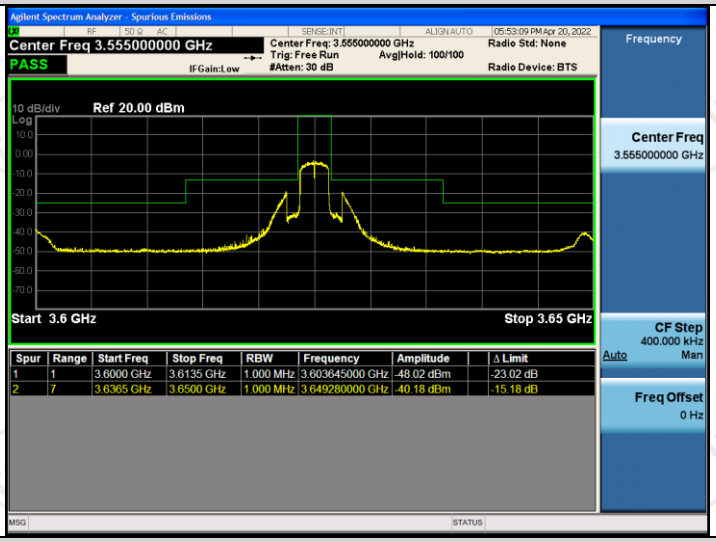
3MHz-OFDM-3555



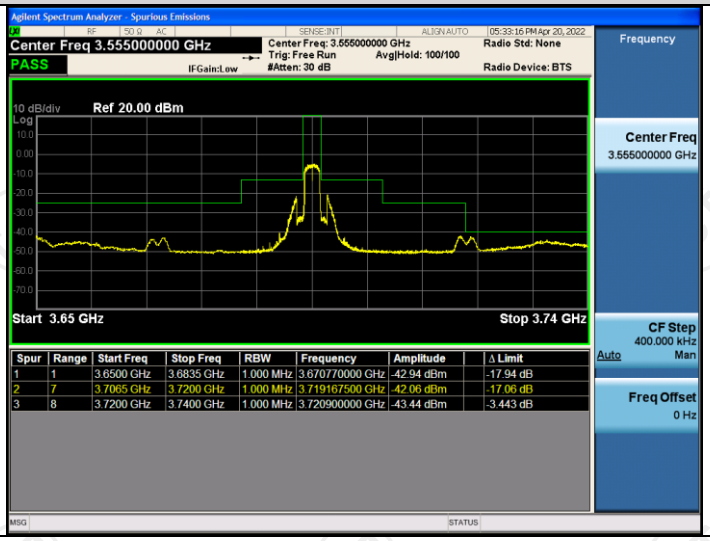
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.528900000 GHz	-43.29 dBm	-3.290 dB
2	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.516933333 GHz	-43.56 dBm	-3.556 dB
3	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.511900000 GHz	-45.78 dBm	-5.785 dB
4	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.522266667 GHz	-46.03 dBm	-6.030 dB
5	8	3.5665 GHz	3.6000 GHz	1.000 MHz	3.579062500 GHz	-39.05 dBm	-14.05 dB

3MHz-OFDM-3625



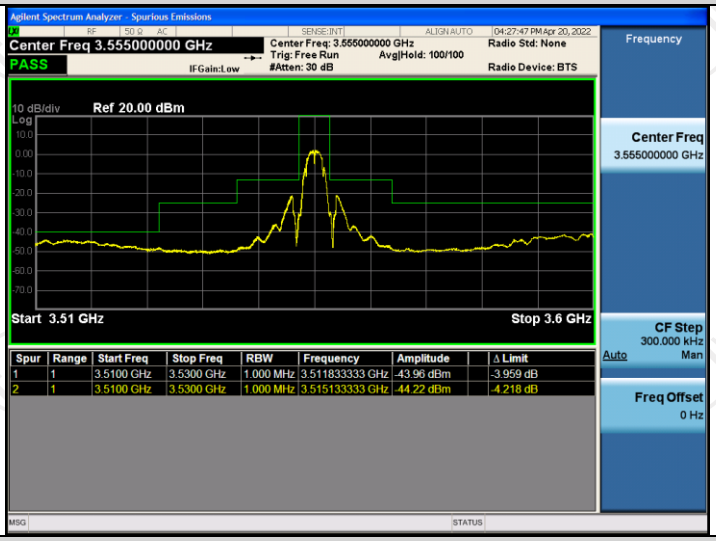
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.6000 GHz	3.6135 GHz	1.000 MHz	3.603645000 GHz	-48.02 dBm	-23.02 dB
2	7	3.6365 GHz	3.6500 GHz	1.000 MHz	3.649280000 GHz	-40.18 dBm	-15.18 dB

3MHz-OFDM-3695

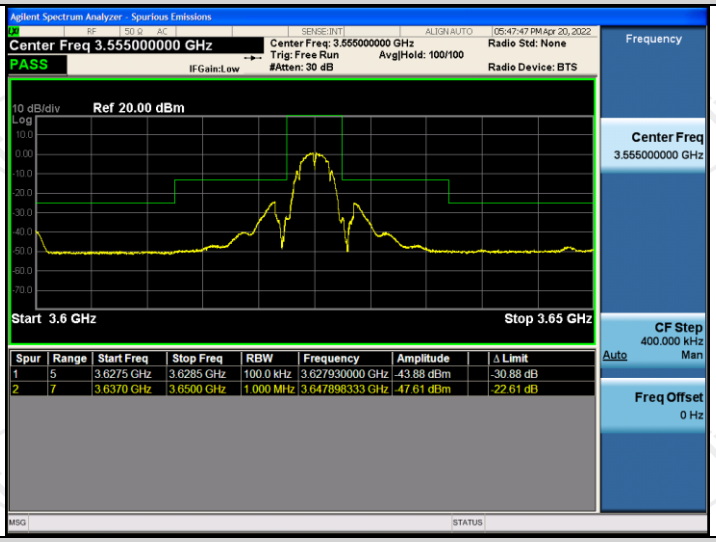


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.6500 GHz	3.6835 GHz	1.000 MHz	3.670770000 GHz	-42.94 dBm	-17.94 dB
2	7	3.7065 GHz	3.7200 GHz	1.000 MHz	3.719167500 GHz	-42.06 dBm	-17.06 dB
3	8	3.7200 GHz	3.7400 GHz	1.000 MHz	3.720900000 GHz	-43.44 dBm	-3.443 dB

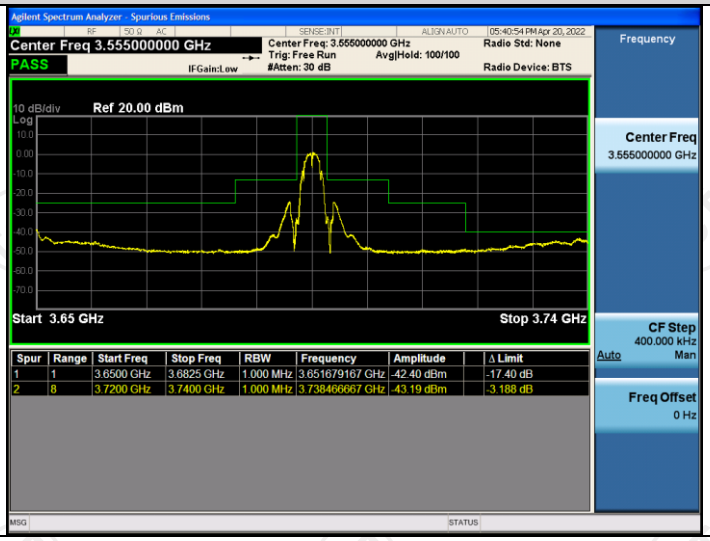
5MHz-DSSS-3555



5MHz-DSSS-3625



5MHz-DSSS-3695



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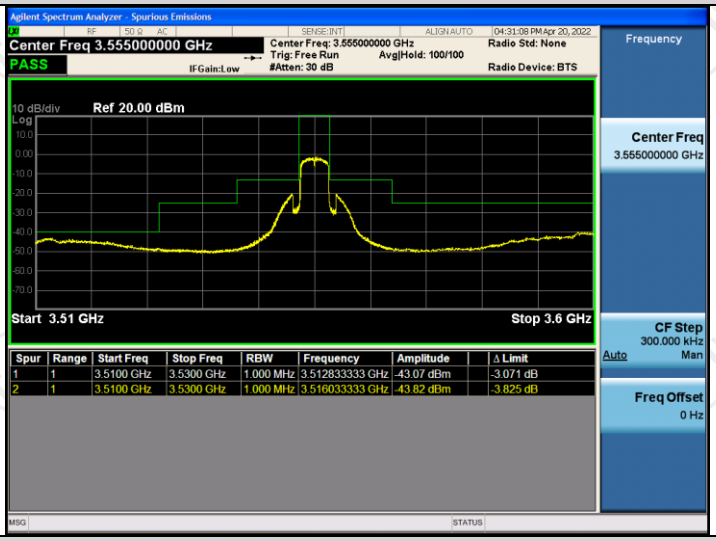
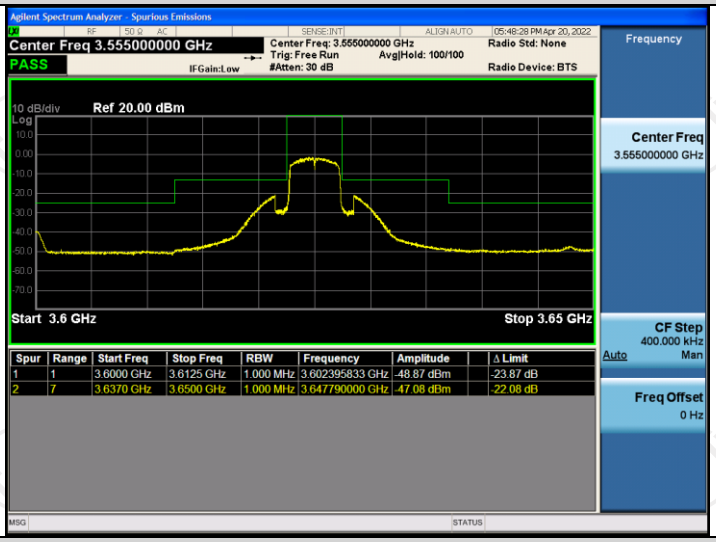
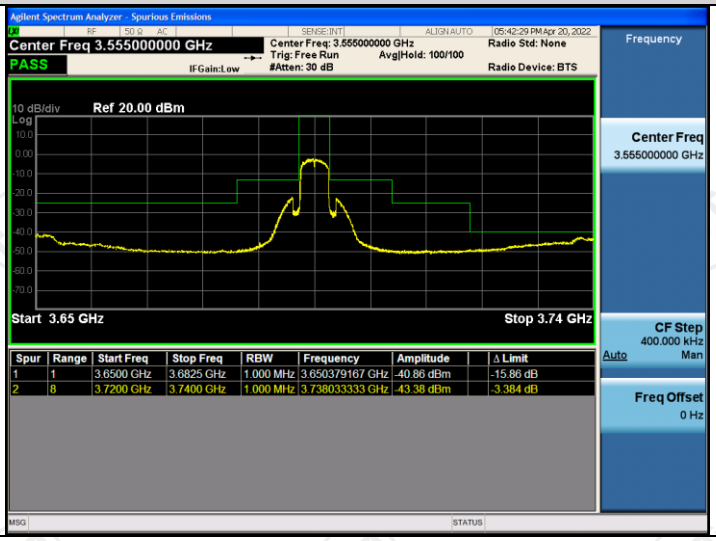


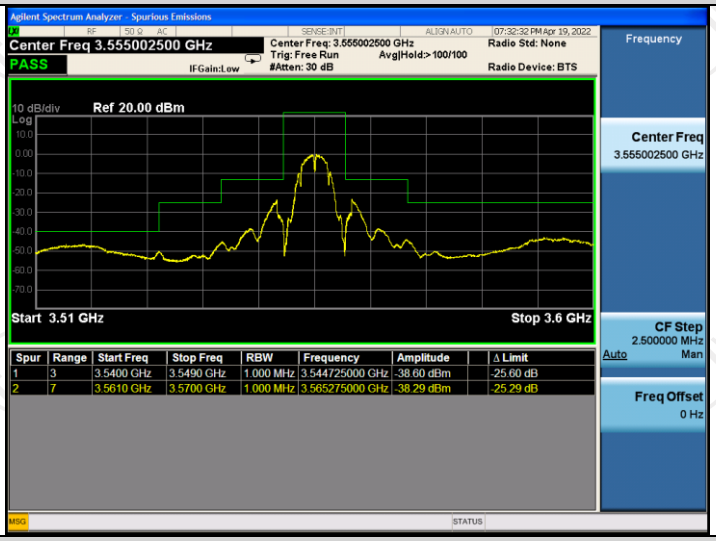
5MHz-OFDM-3625



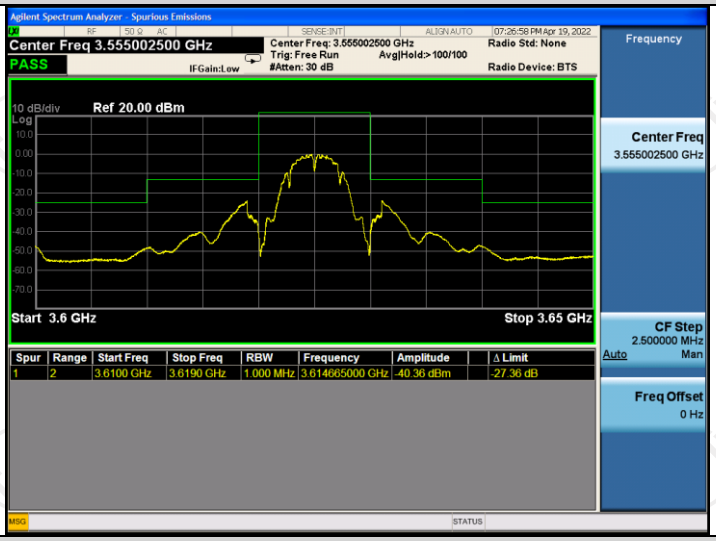
5MHz-OFDM-3695



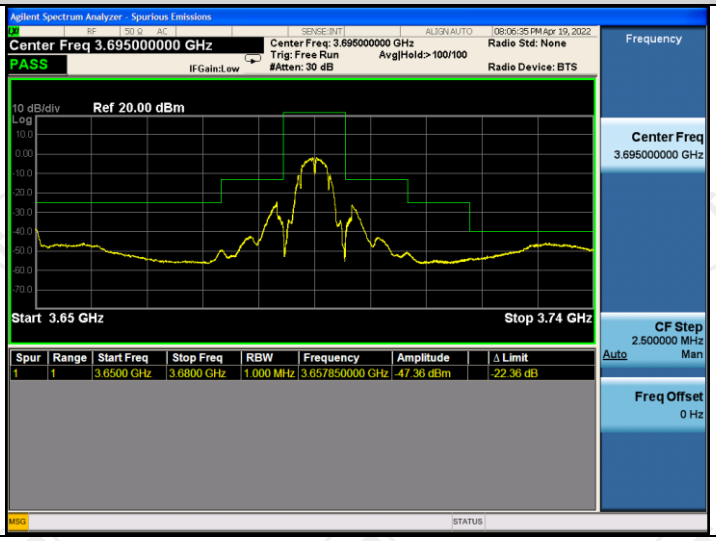
10MHz-DSSS-3555



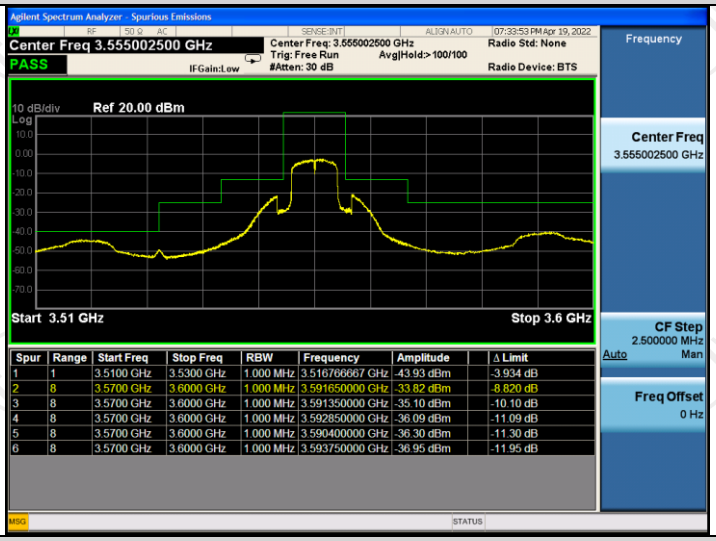
10MHz-DSSS-3625



10MHz-DSSS-3695

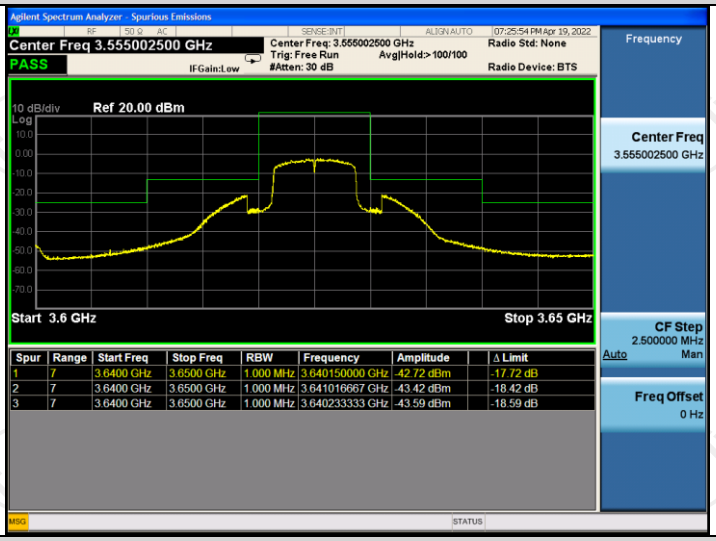


10MHz-OFDM-3555



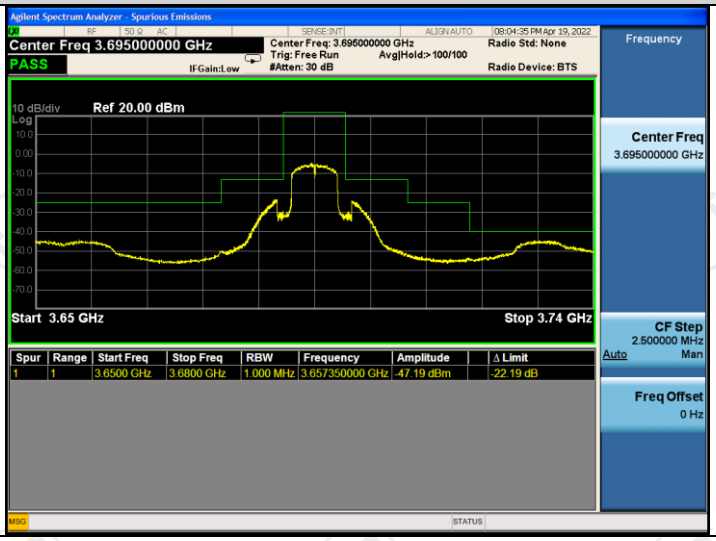
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.516766667 GHz	-43.93 dBm	-3.934 dB
2	8	3.5700 GHz	3.6000 GHz	1.000 MHz	3.591650000 GHz	-33.82 dBm	-8.820 dB
3	8	3.5700 GHz	3.6000 GHz	1.000 MHz	3.591350000 GHz	-35.10 dBm	-10.10 dB
4	8	3.5700 GHz	3.6000 GHz	1.000 MHz	3.592850000 GHz	-36.09 dBm	-11.09 dB
5	8	3.5700 GHz	3.6000 GHz	1.000 MHz	3.590400000 GHz	-36.30 dBm	-11.30 dB
6	8	3.5700 GHz	3.6000 GHz	1.000 MHz	3.593750000 GHz	-36.95 dBm	-11.95 dB

10MHz-OFDM-3625



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	7	3.6400 GHz	3.6500 GHz	1.000 MHz	3.640150000 GHz	-42.72 dBm	-17.72 dB
2	7	3.6400 GHz	3.6500 GHz	1.000 MHz	3.641016667 GHz	-43.42 dBm	-18.42 dB
3	7	3.6400 GHz	3.6500 GHz	1.000 MHz	3.640233333 GHz	-43.59 dBm	-18.59 dB

10MHz-OFDM-3695

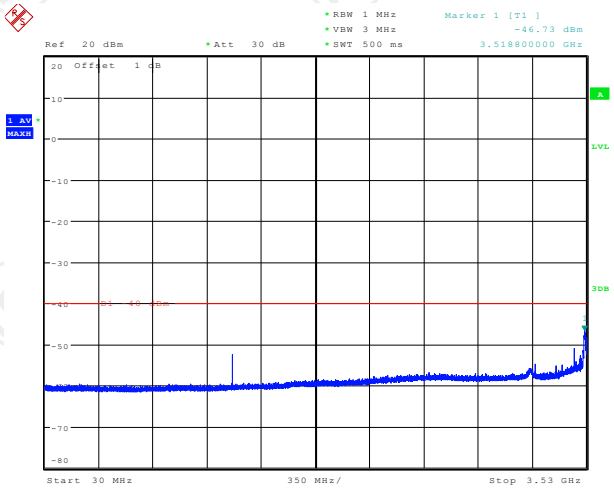


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.6500 GHz	3.6800 GHz	1.000 MHz	3.657350000 GHz	-47.19 dBm	-22.19 dB

Conducted Spurious Emission

Ant0

3MHz-DSSS-3555



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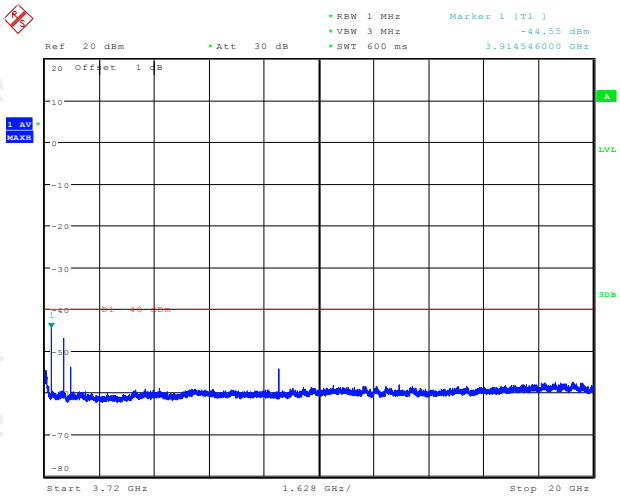

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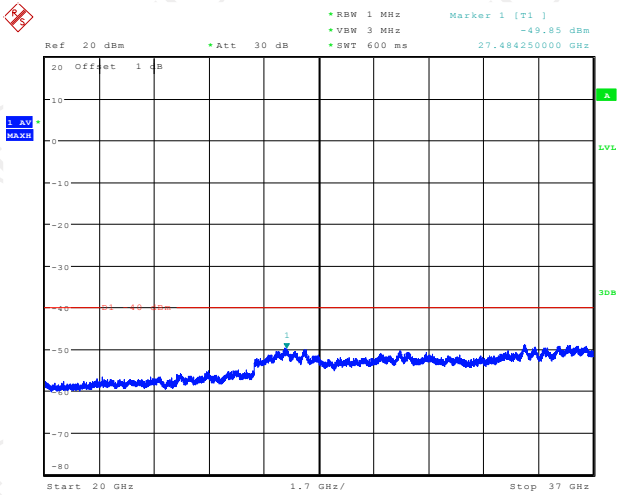

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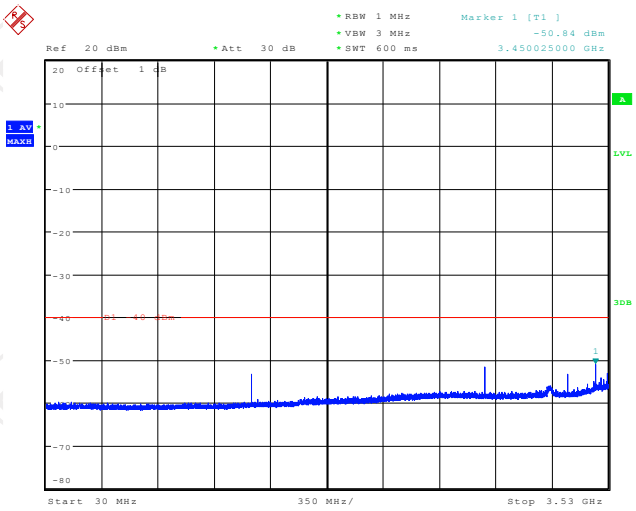
3MHz-DSSS-3625



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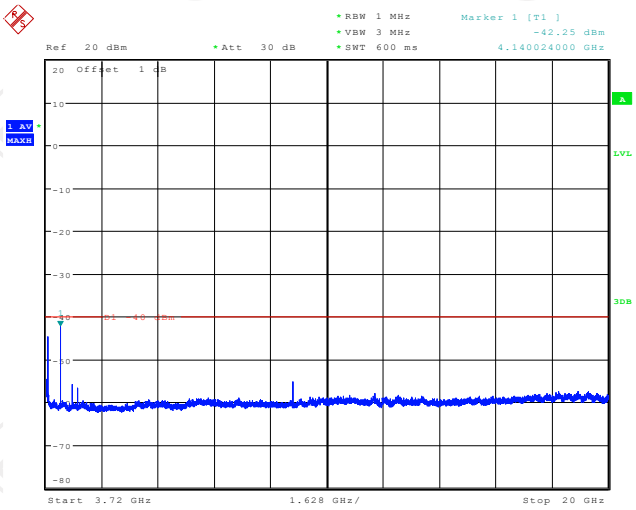

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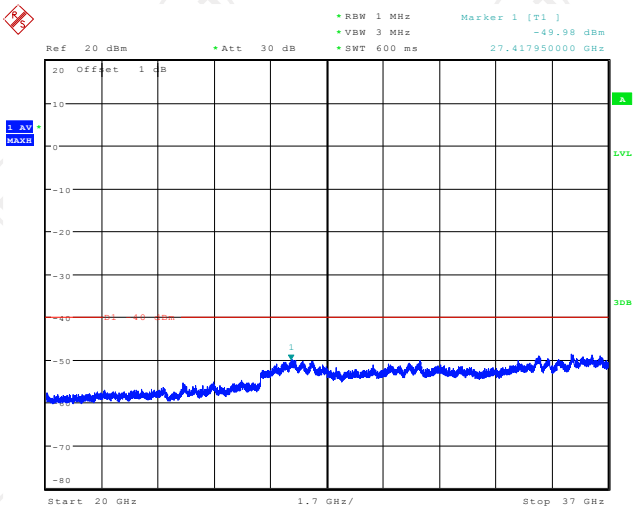

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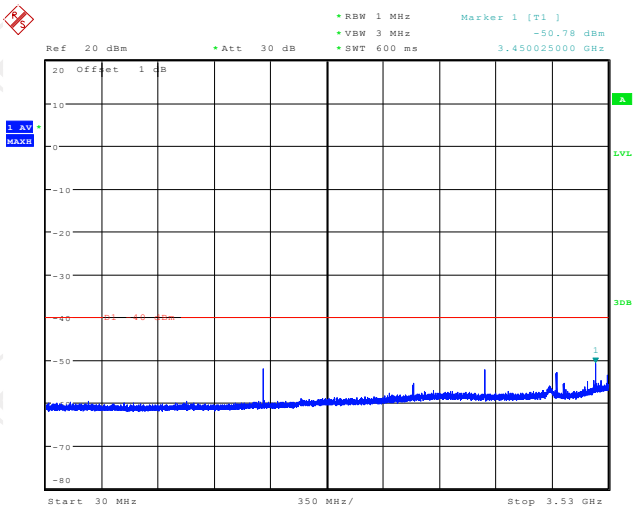
3MHz-DSSS-3695



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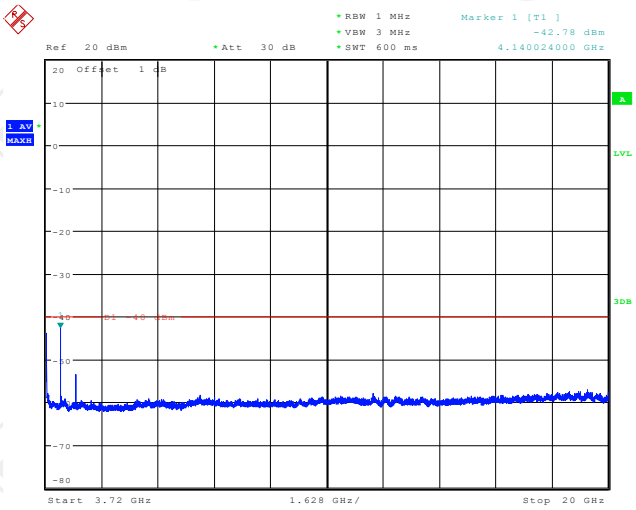

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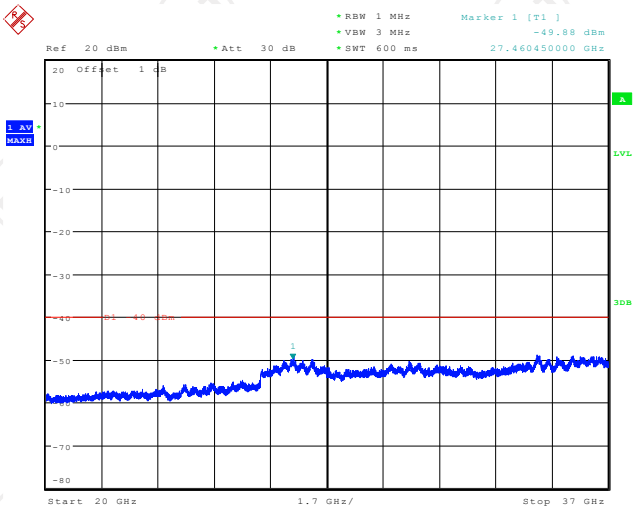

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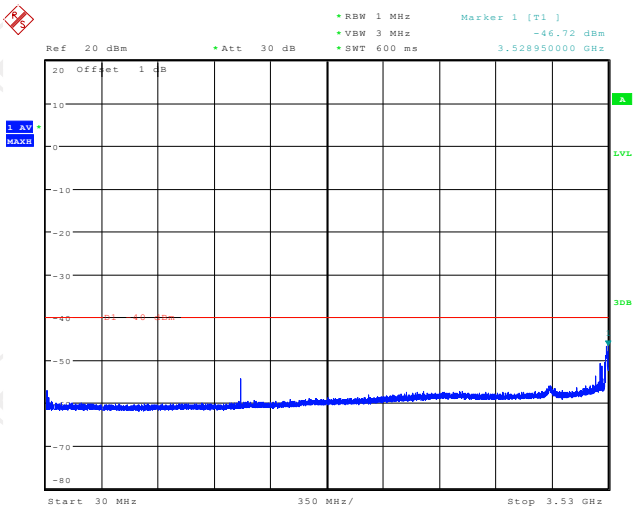
3MHz-OFDM-3555



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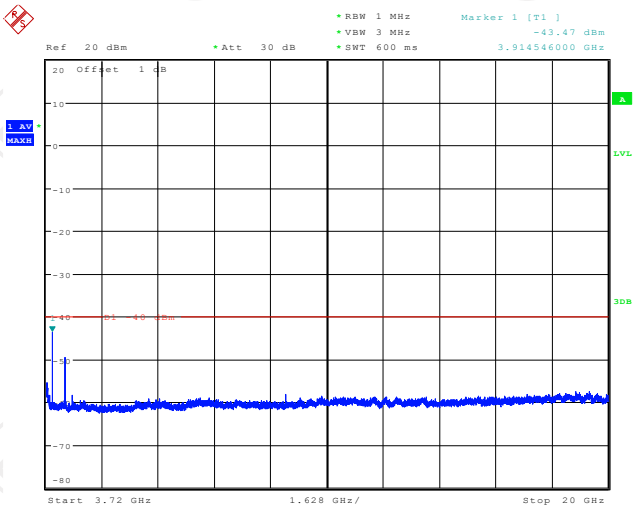

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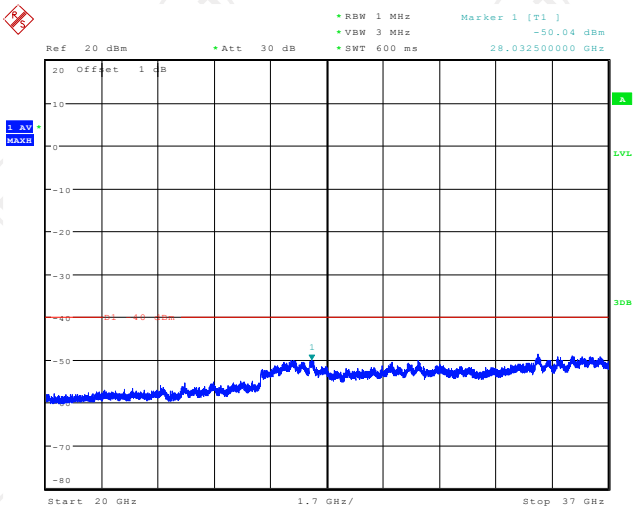

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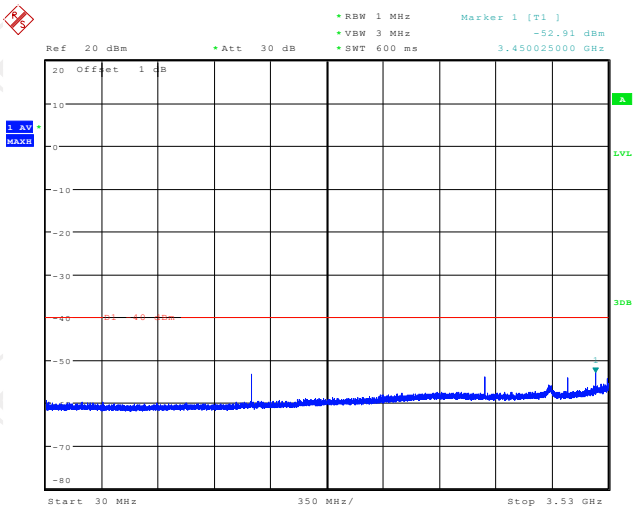
3MHz-OFDM-3625



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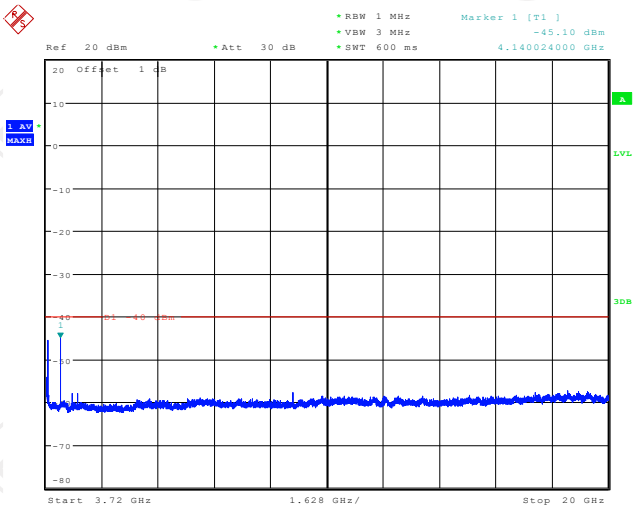

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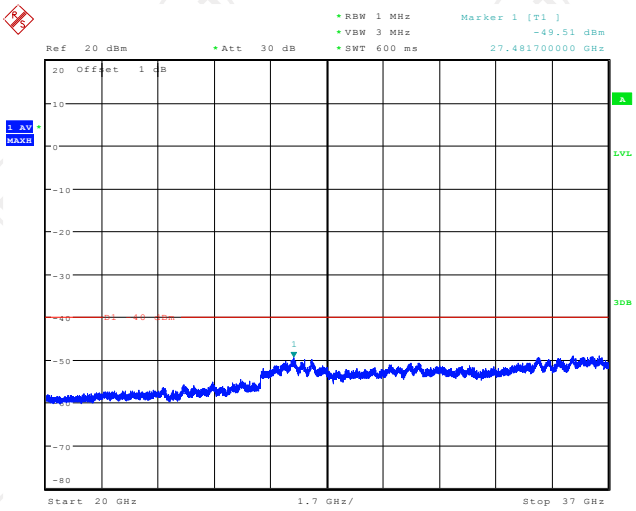

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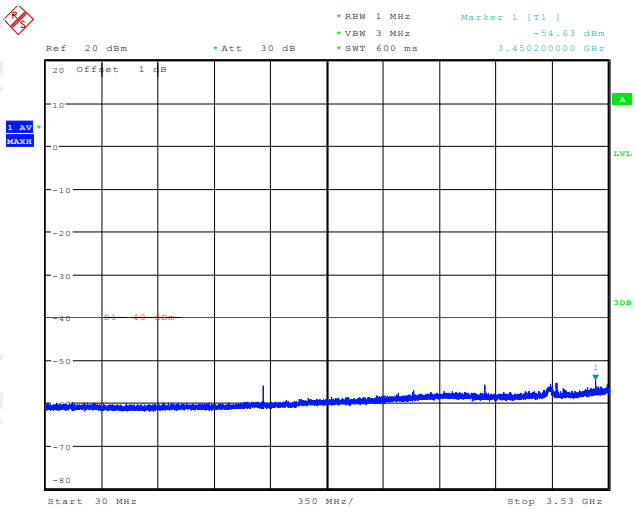
3MHz-OFDM-3695



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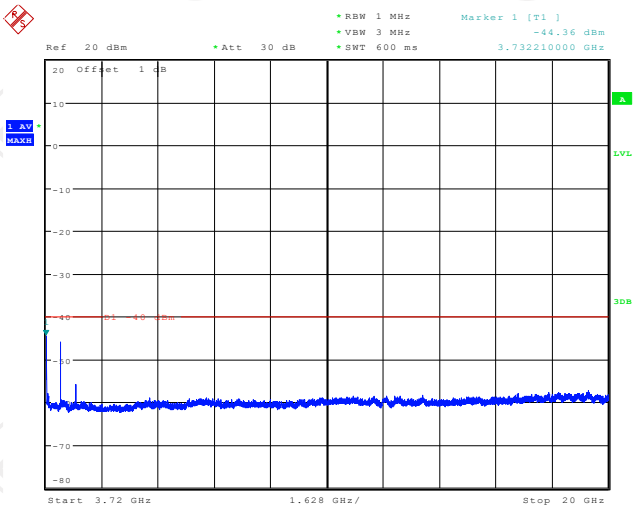

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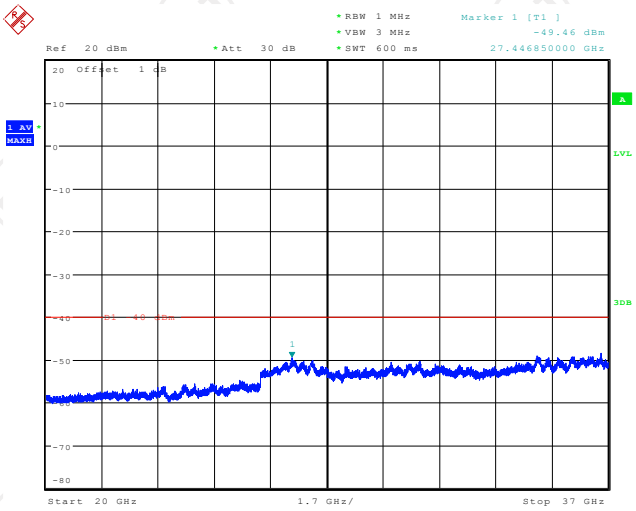

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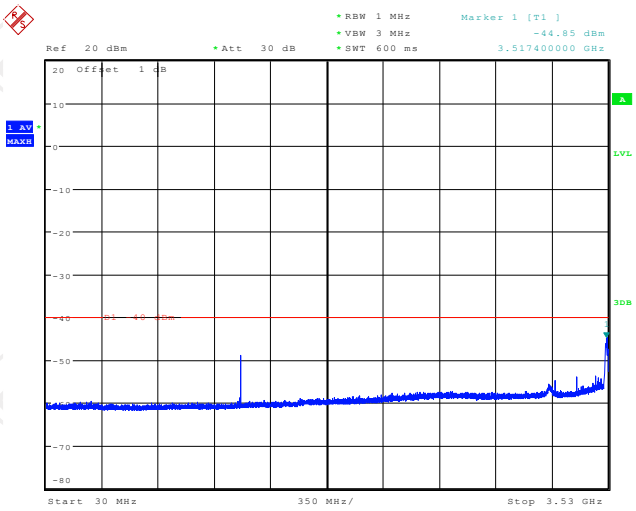
5MHz-DSSS-3555



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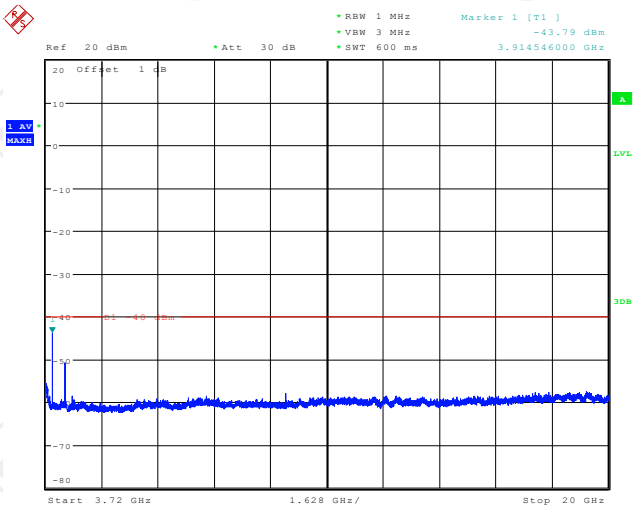

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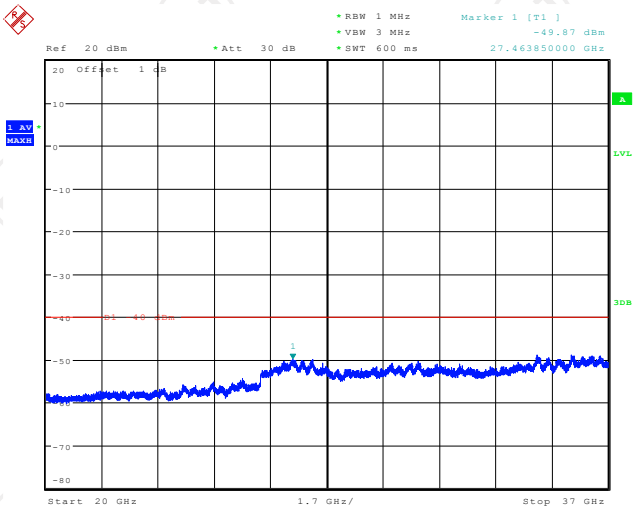

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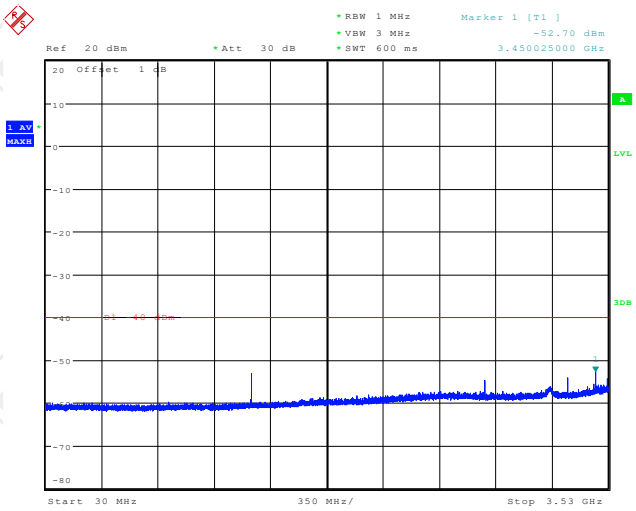
5MHz-DSSS-3625



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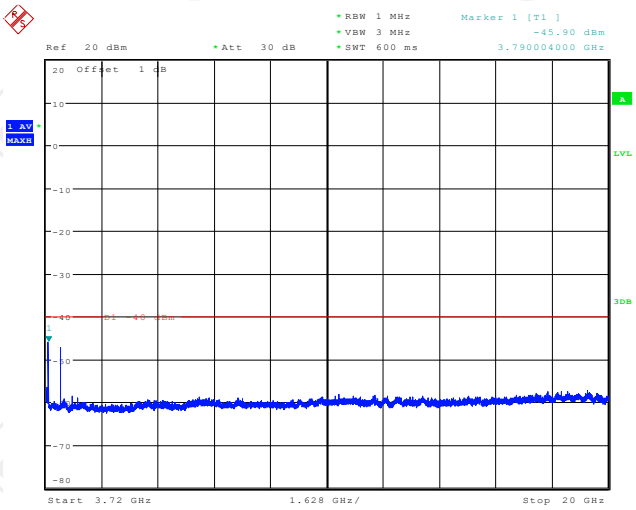

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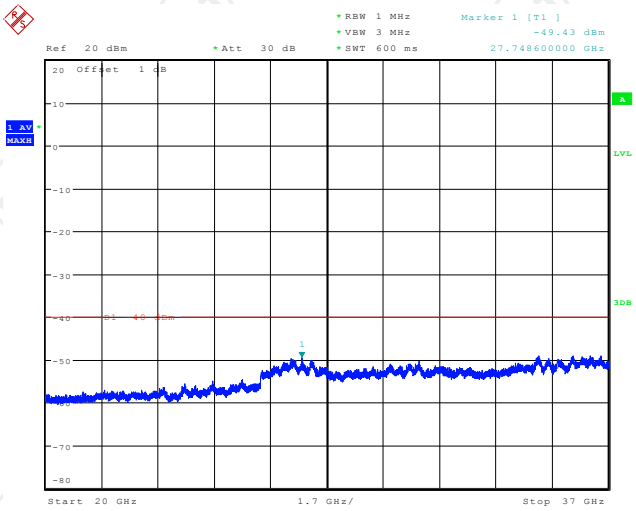

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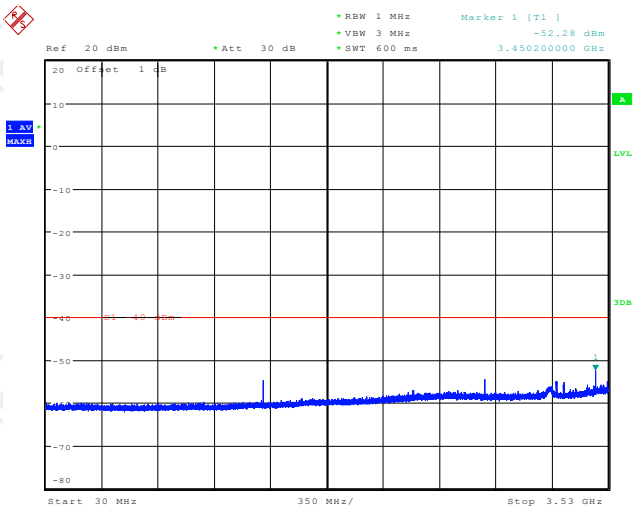
5MHz-DSSS-3695



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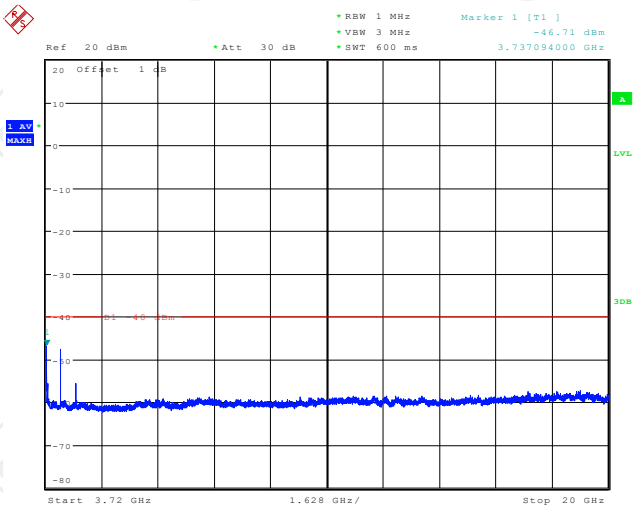

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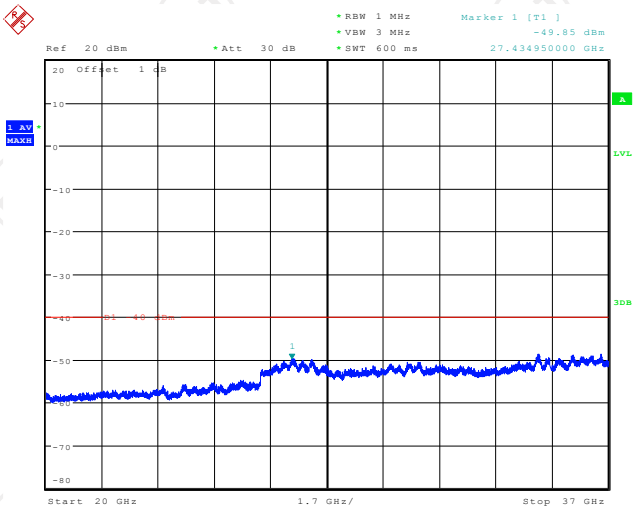

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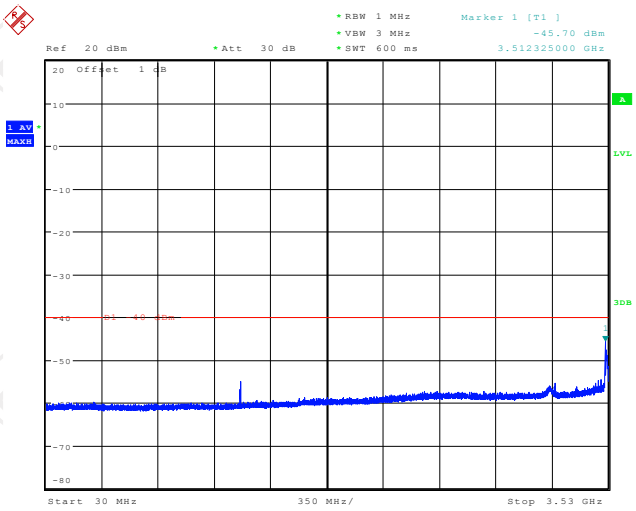
5MHz-OFDM-3555



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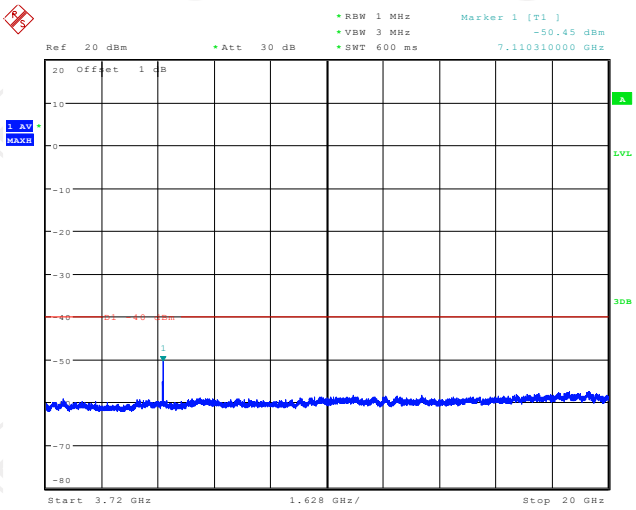

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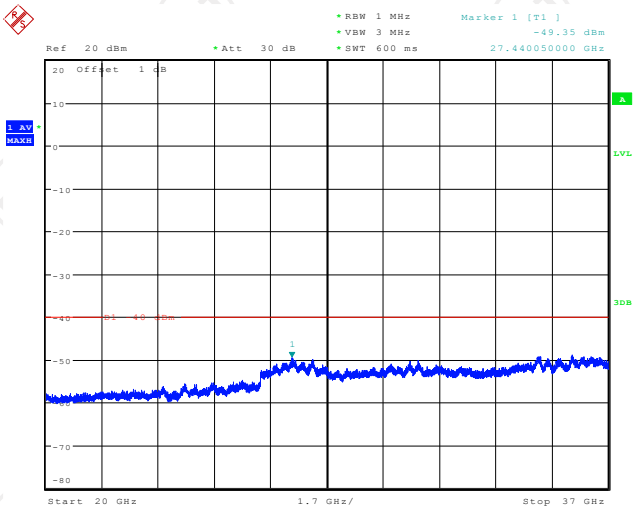

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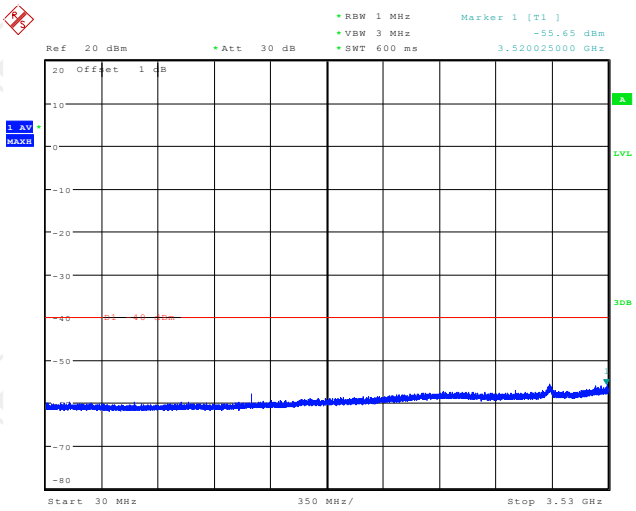
5MHz-OFDM-3625



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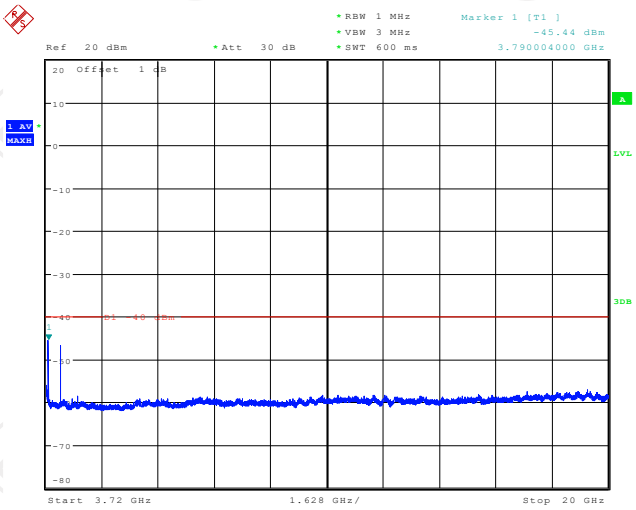

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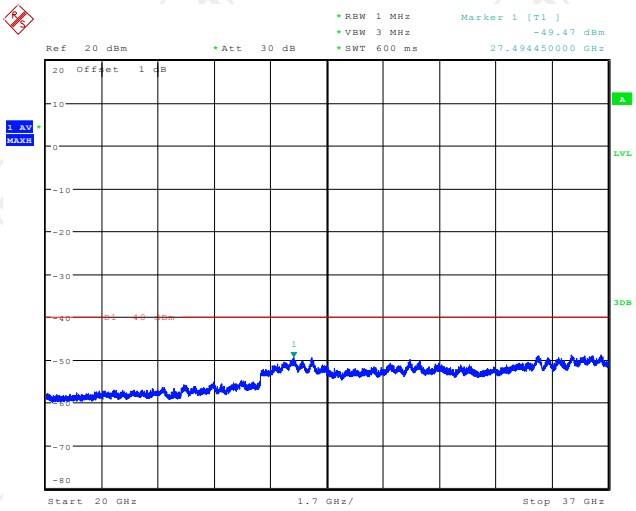

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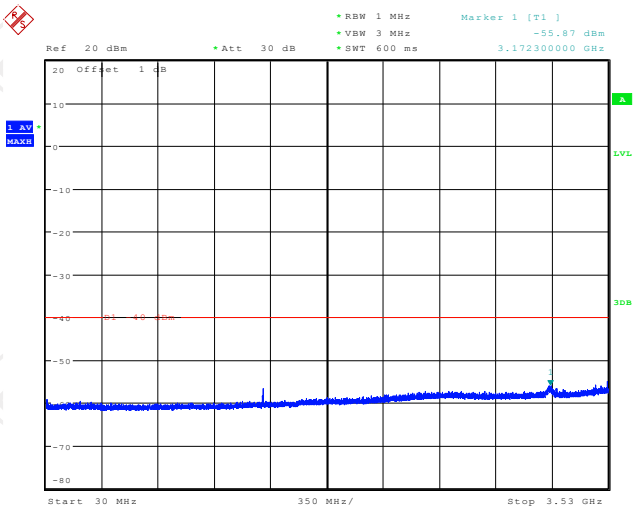
5MHz-OFDM-3695



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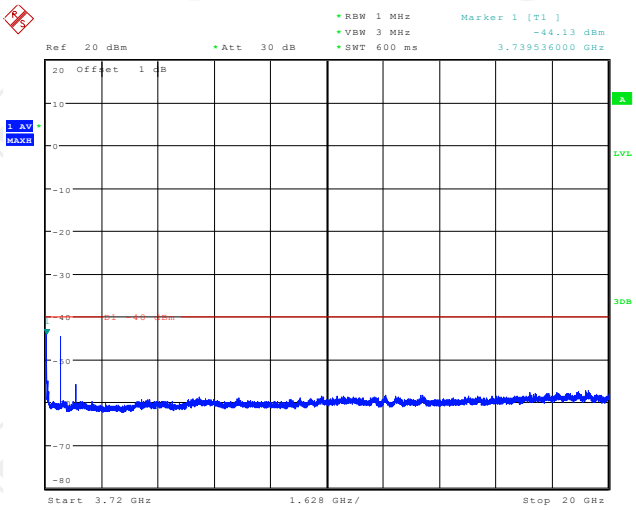

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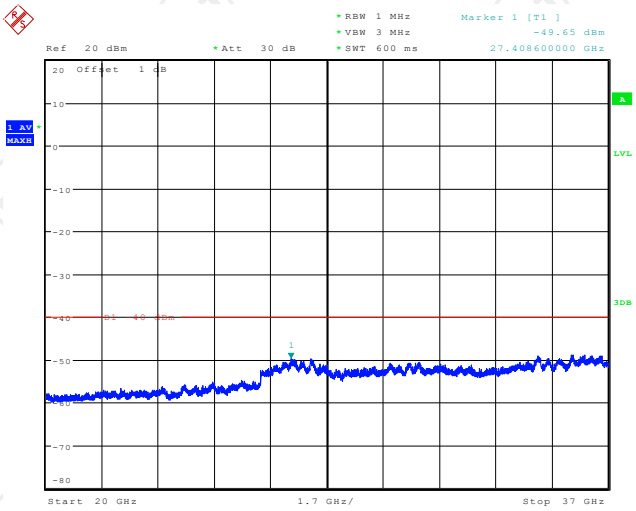

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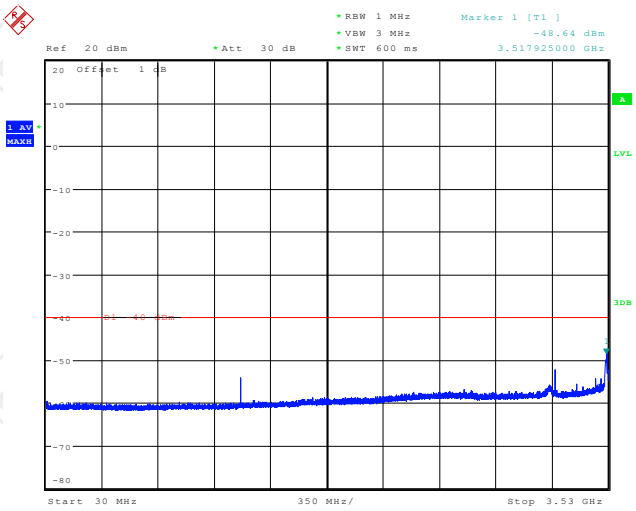
10MHz-DSSS-3555



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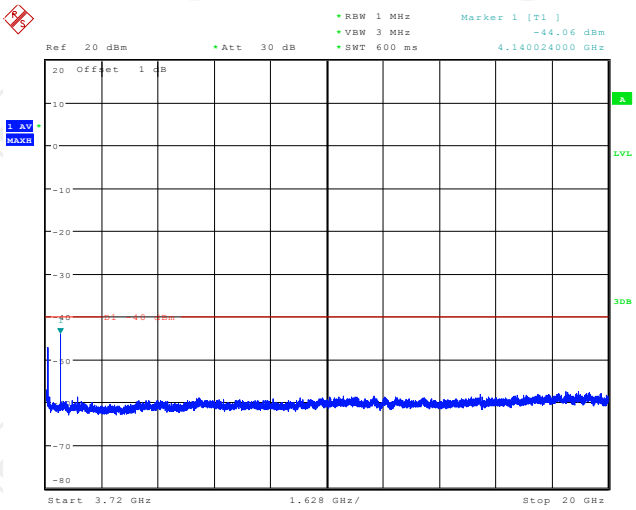

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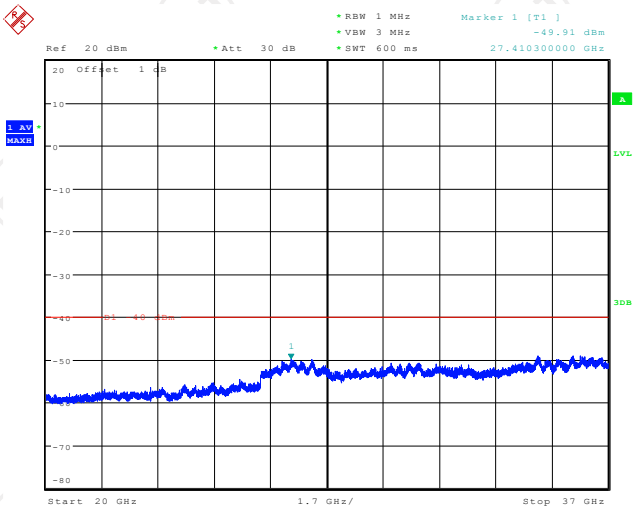

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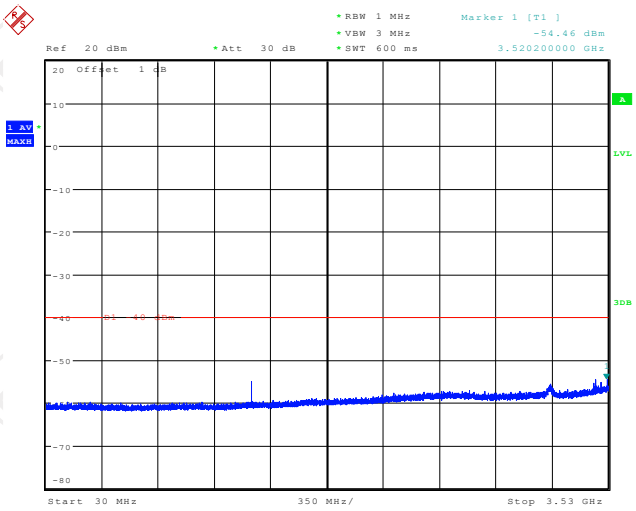
10MHz-DSSS-3625



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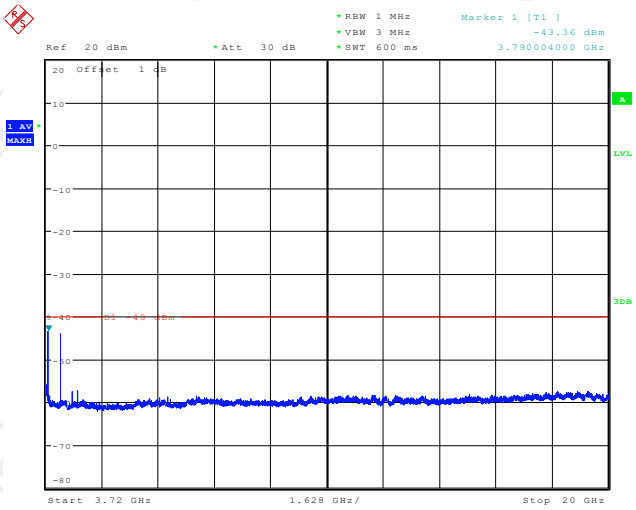

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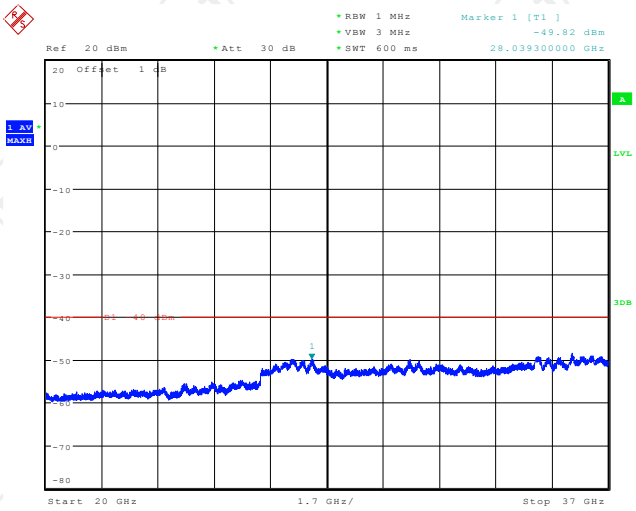

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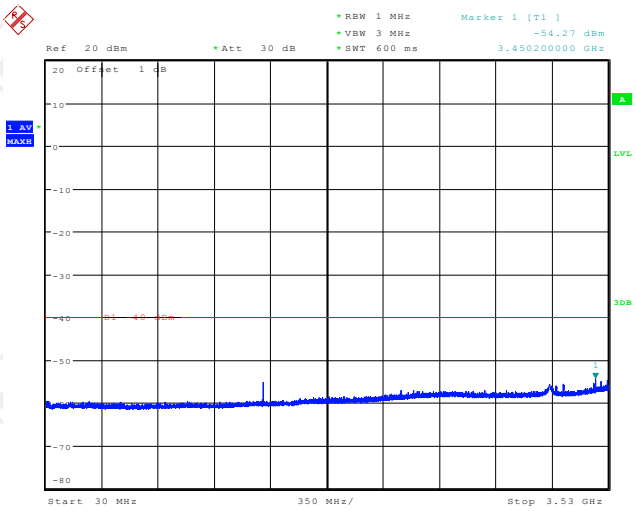
10MHz-DSSS-3695



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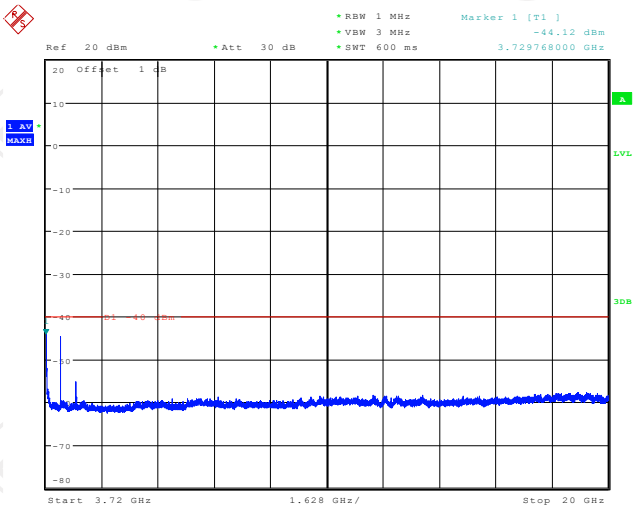

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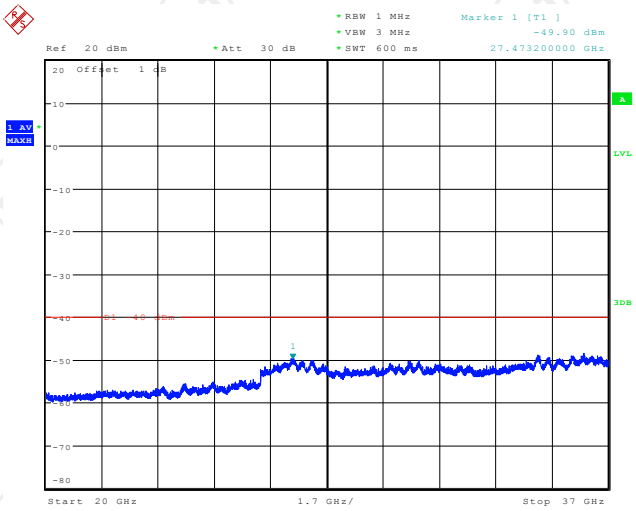

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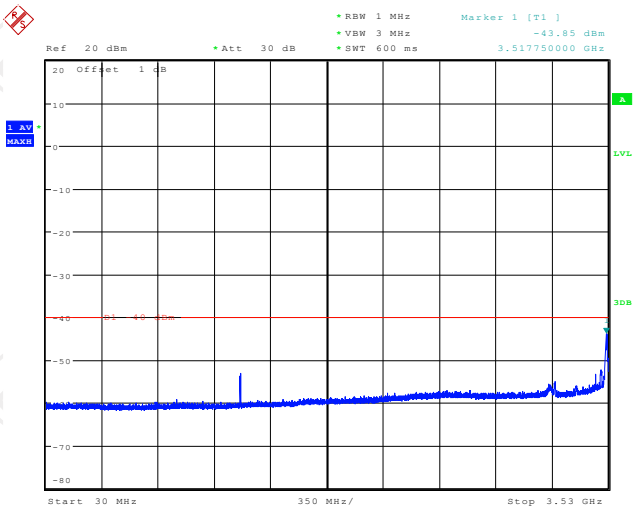
10MHz-OFDM-3555



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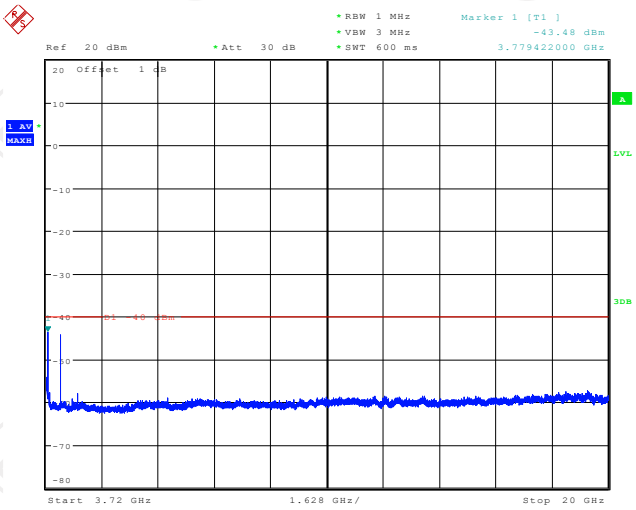

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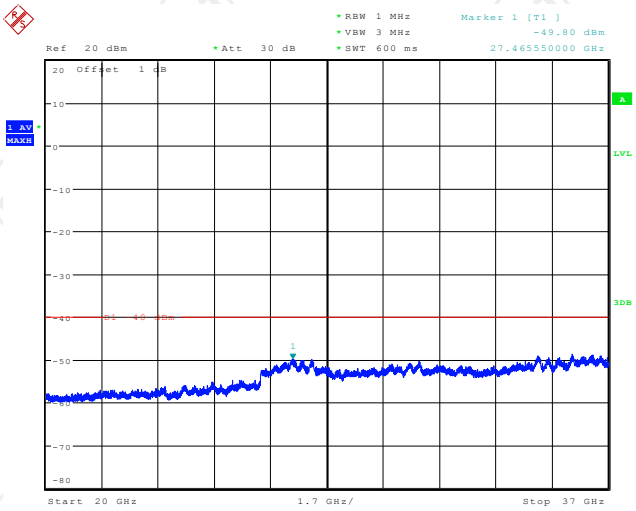

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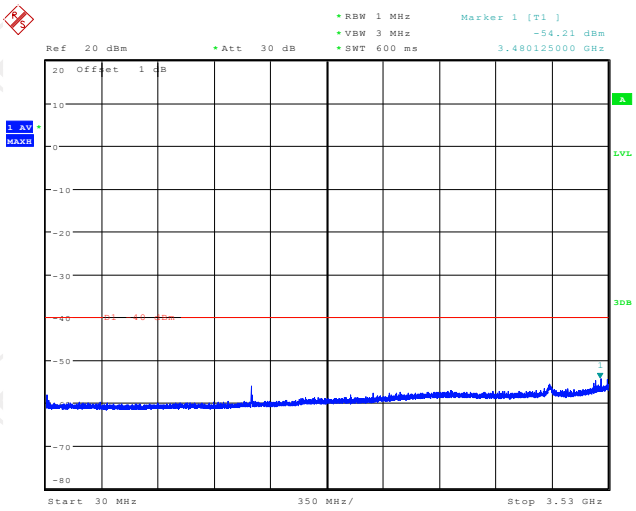
10MHz-OFDM-3625



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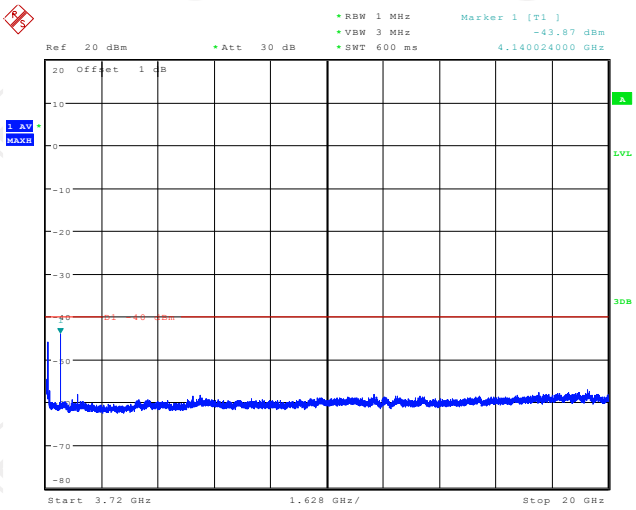

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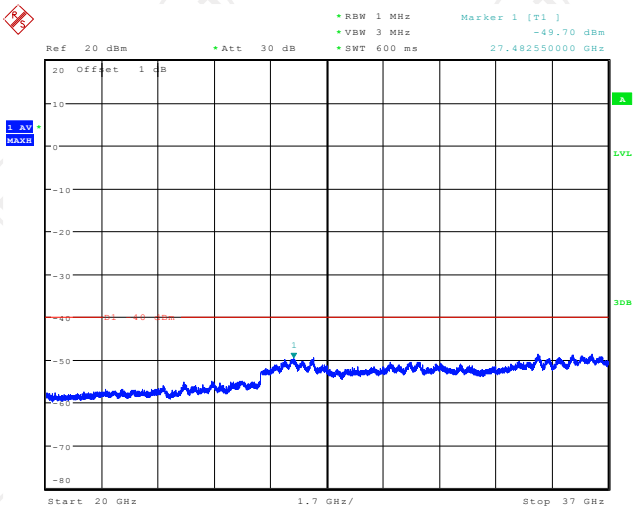

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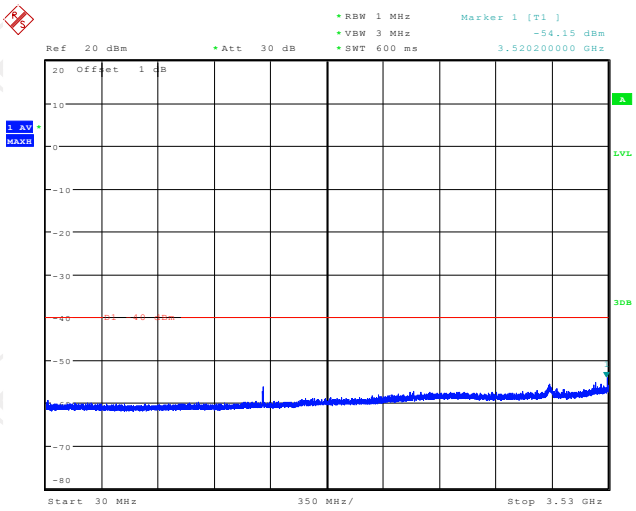
10MHz-OFDM-3695



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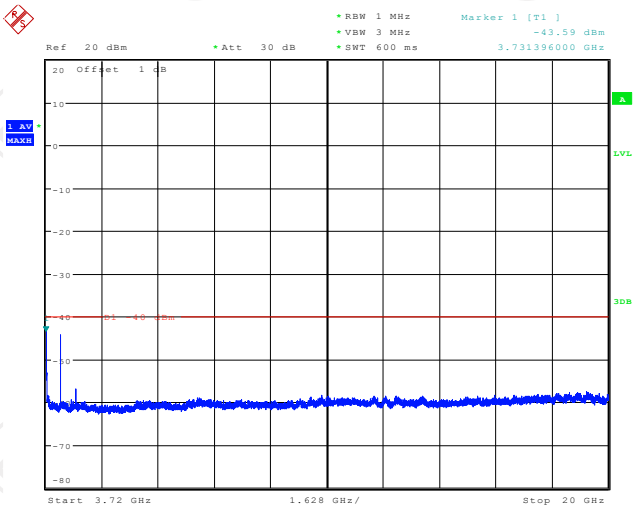

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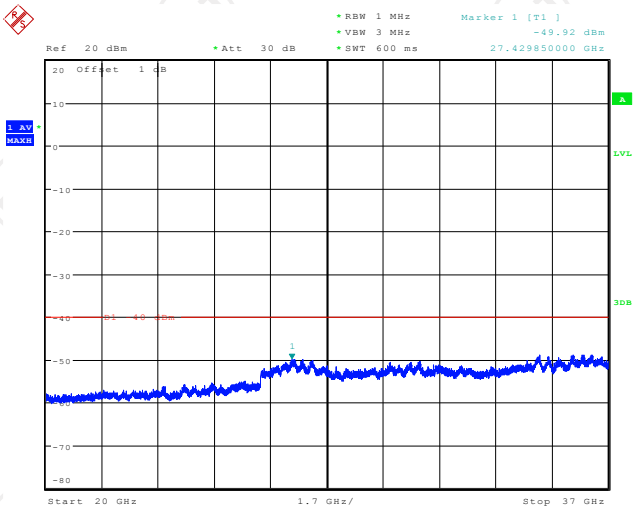

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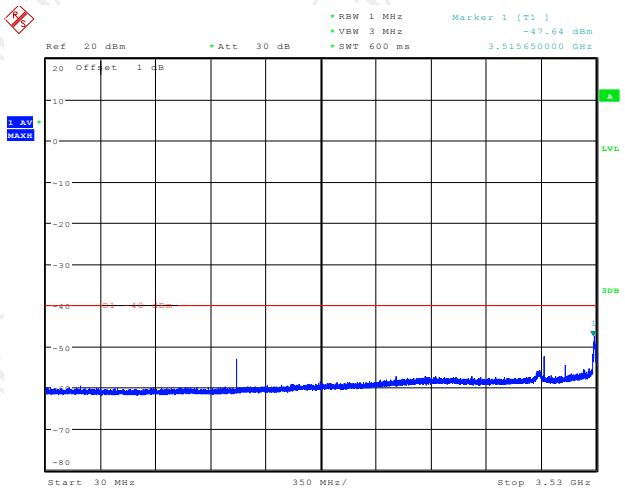
3MHz-DSSS-3555



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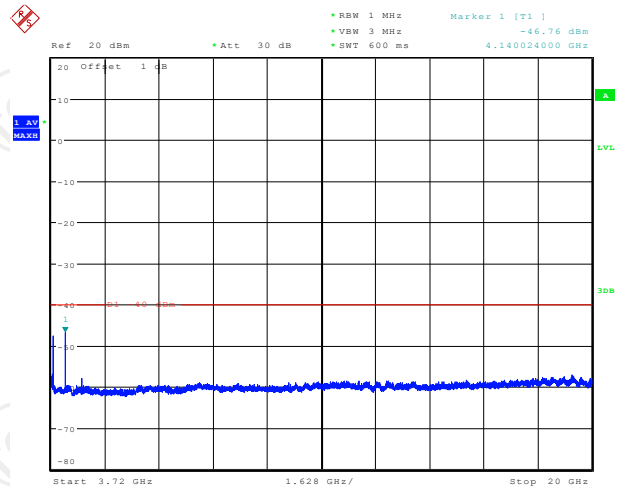

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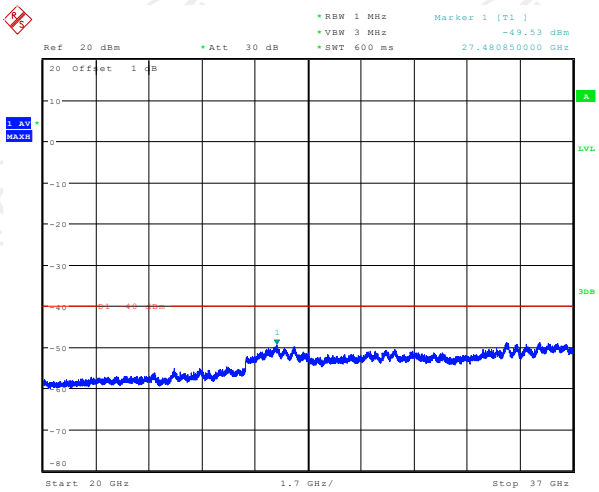

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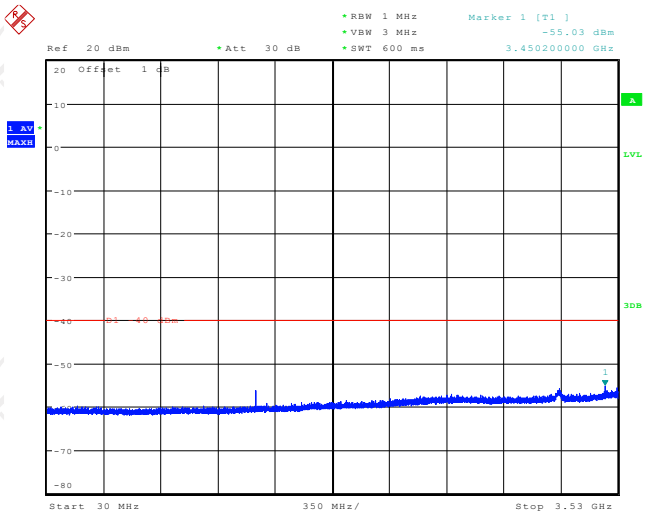
3MHz-DSSS-3625



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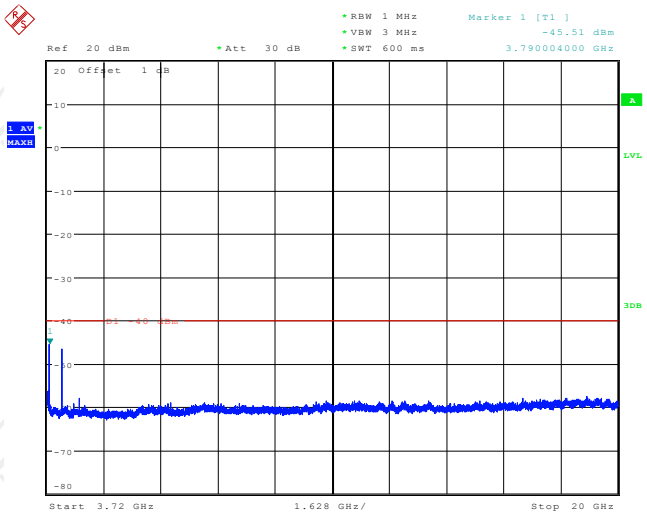

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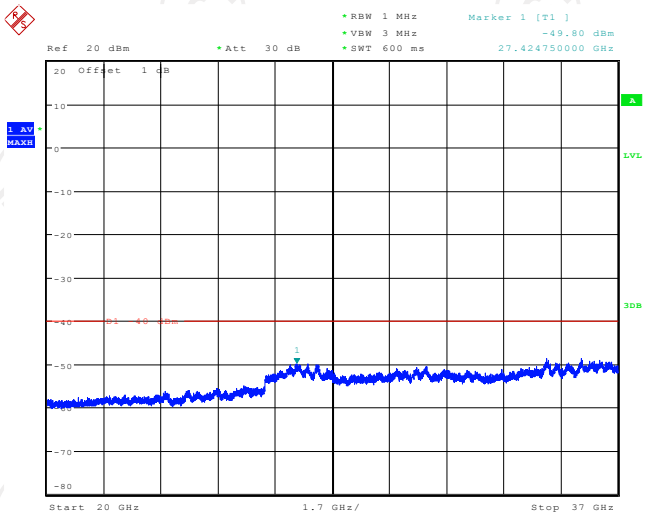

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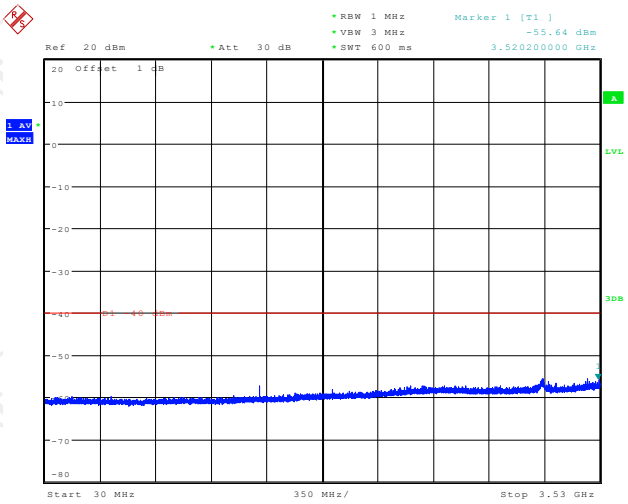
3MHz-DSSS-3695



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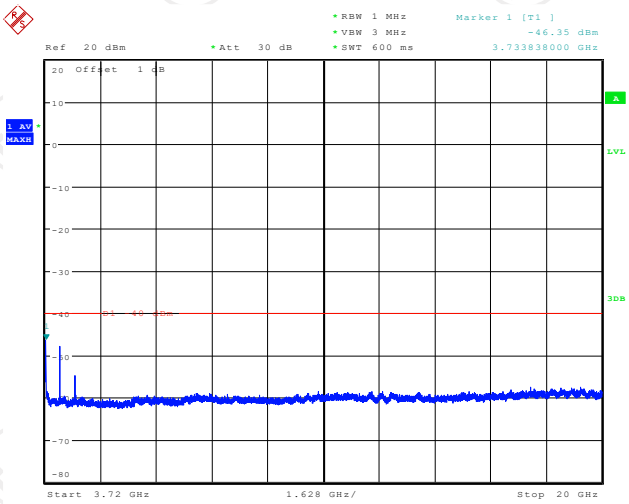

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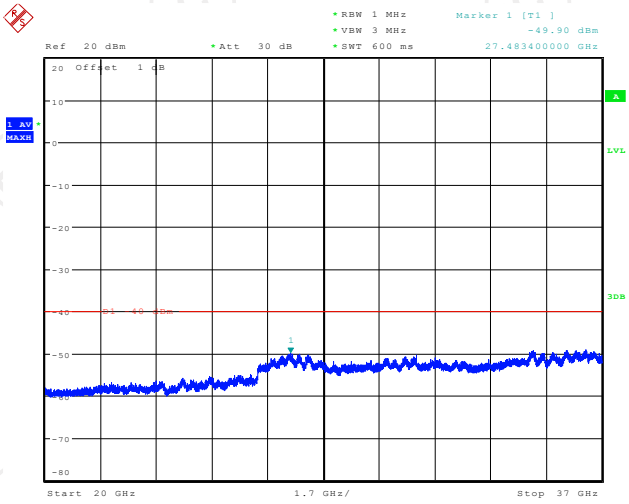

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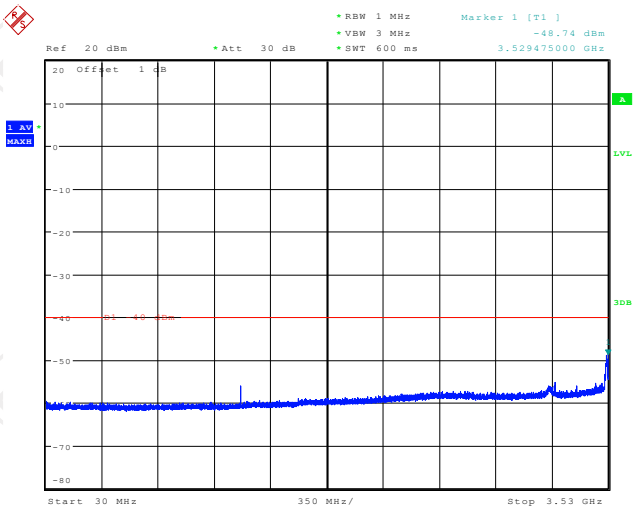
3MHz-OFDM-3555



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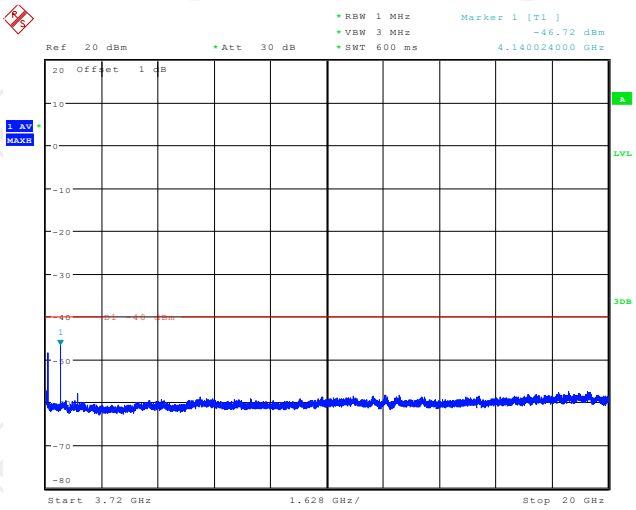

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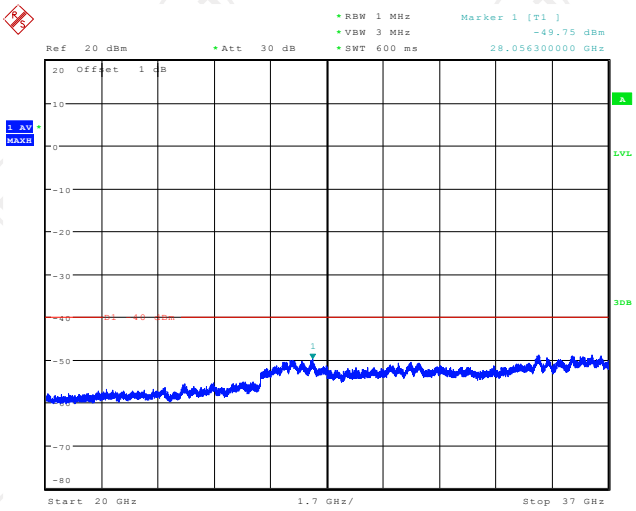
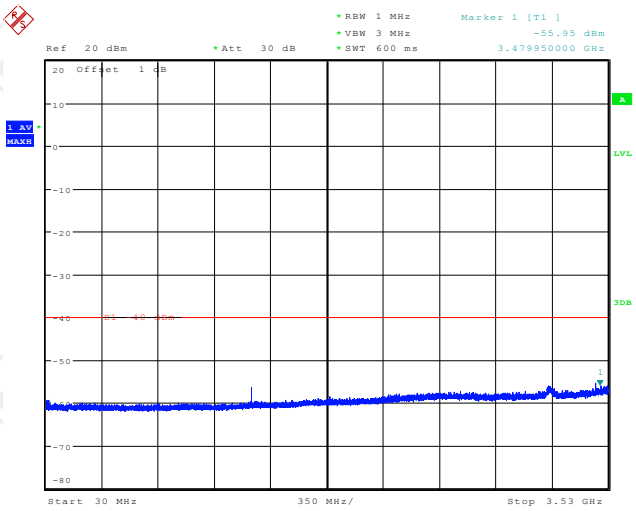


Date: 17.APR.2022 13:51:18

3MHz-OFDM-3625



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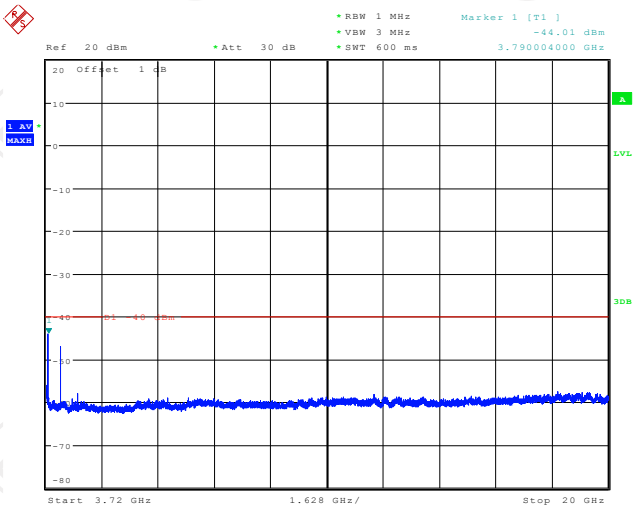

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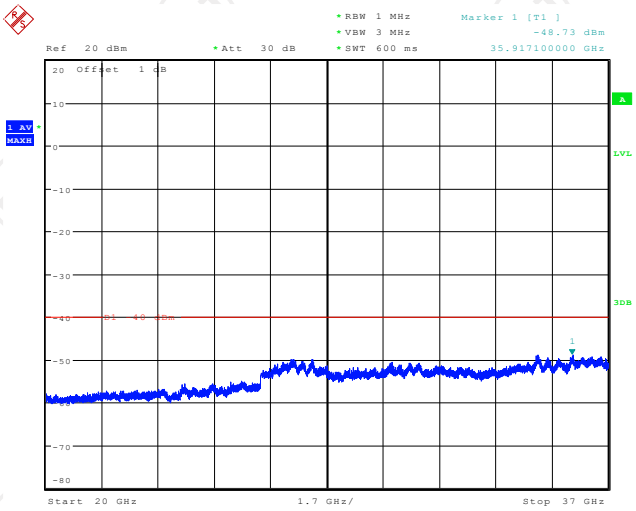

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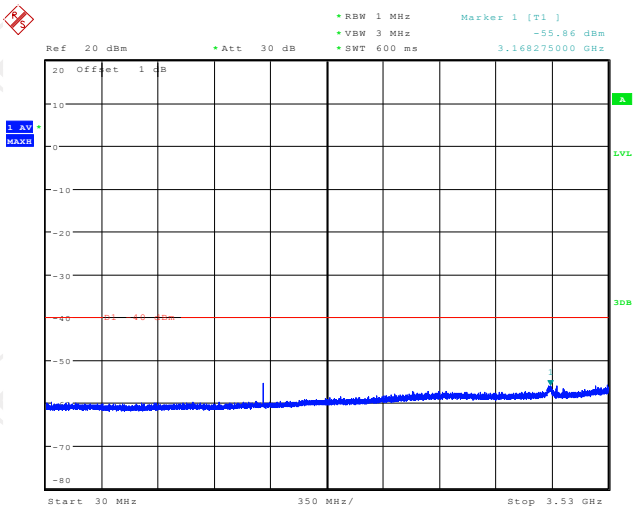
3MHz-OFDM-3695



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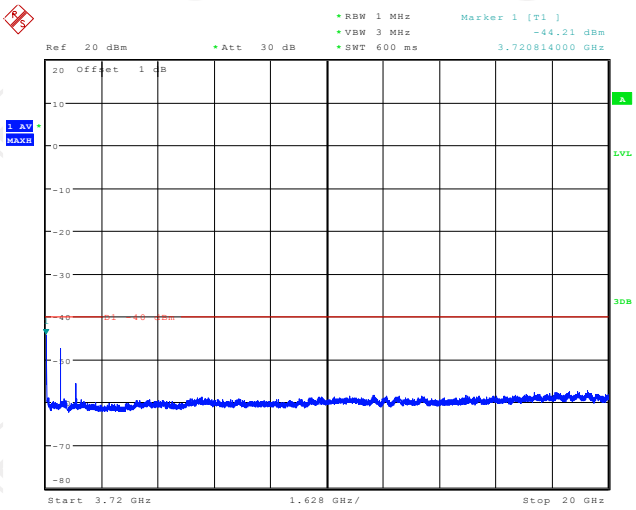

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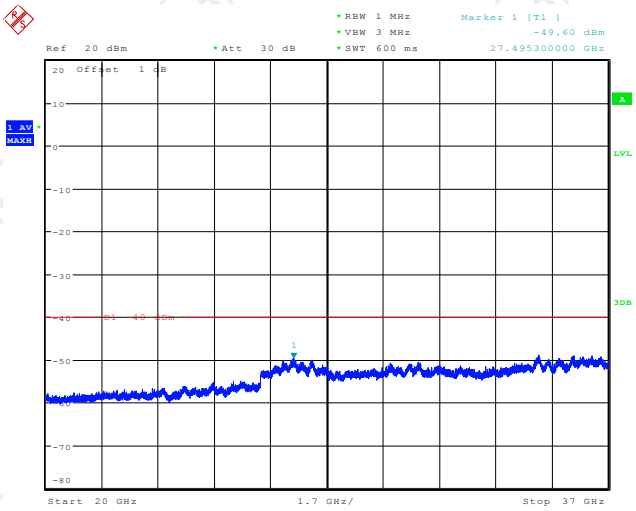

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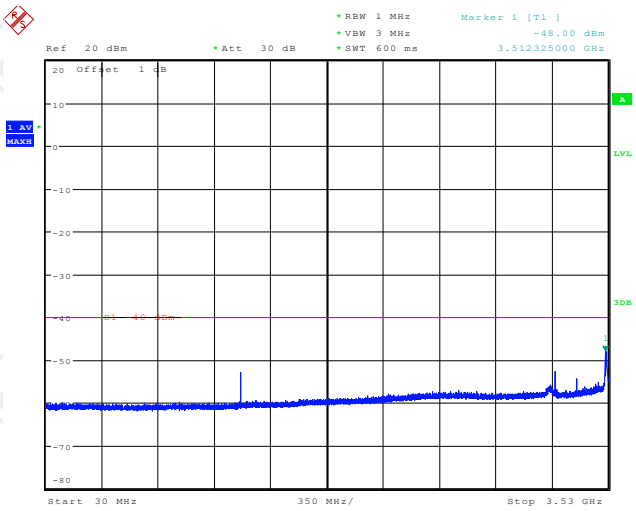
5MHz-DSSS-3555



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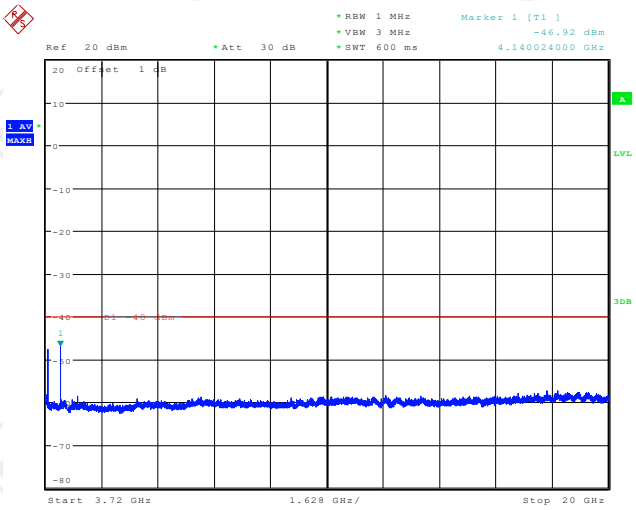

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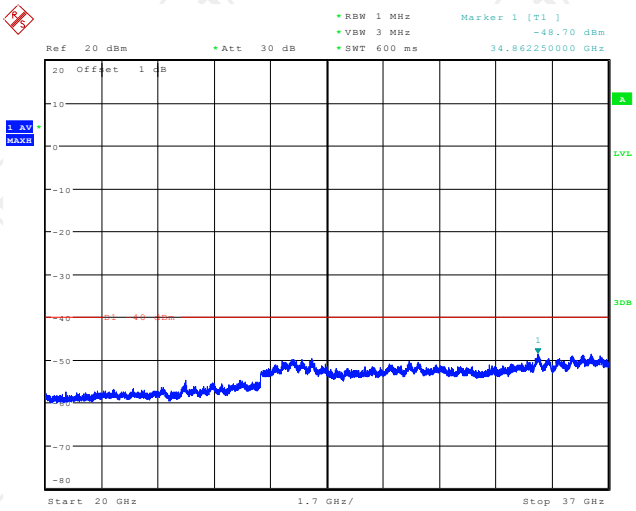

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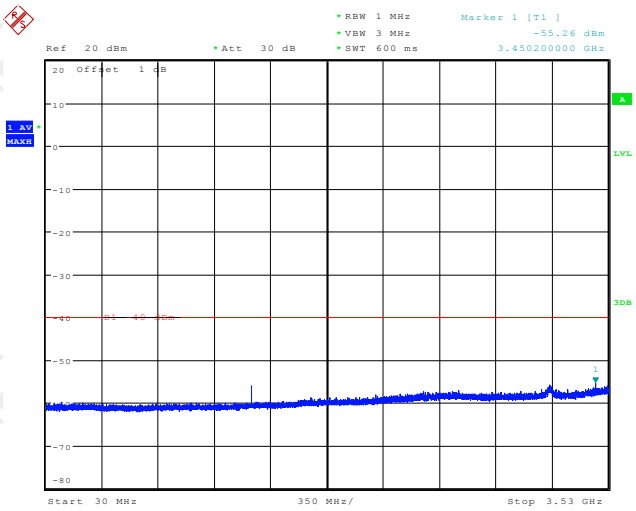
5MHz-DSSS-3625



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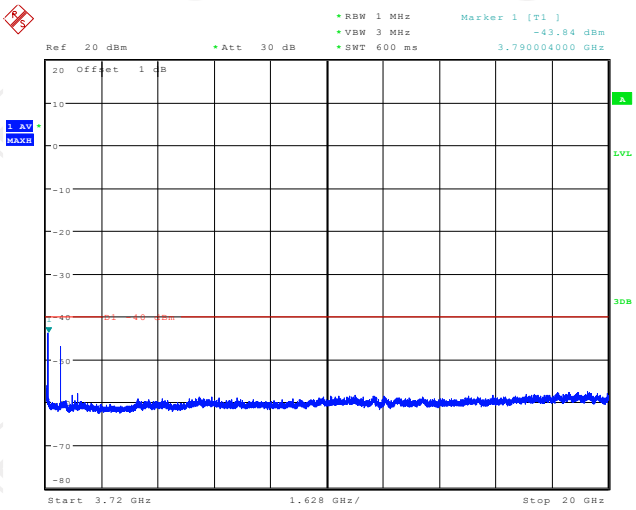

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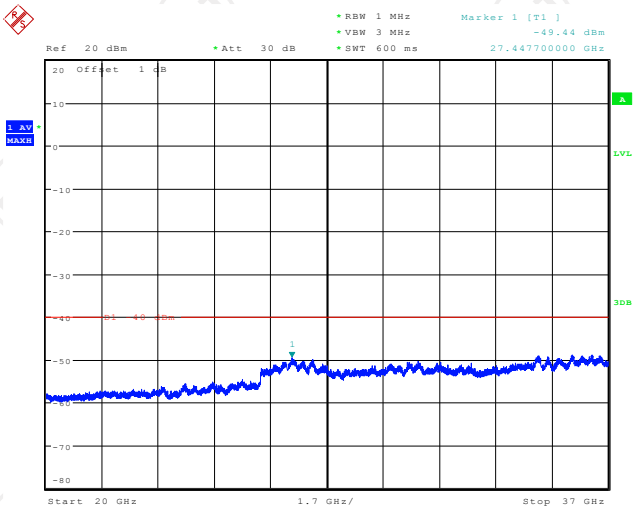

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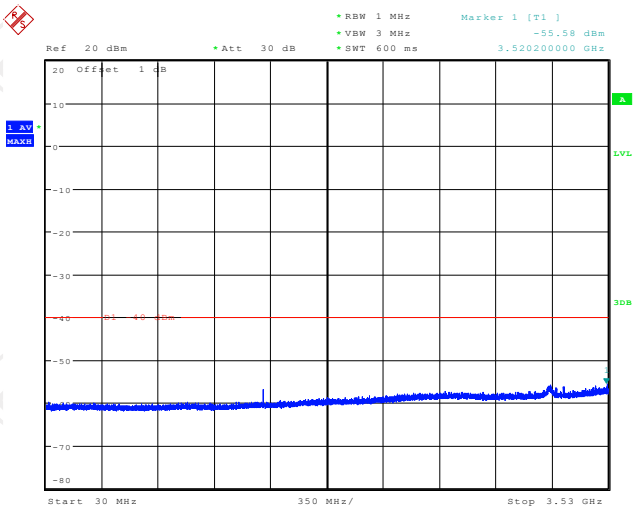
5MHz-DSSS-3695



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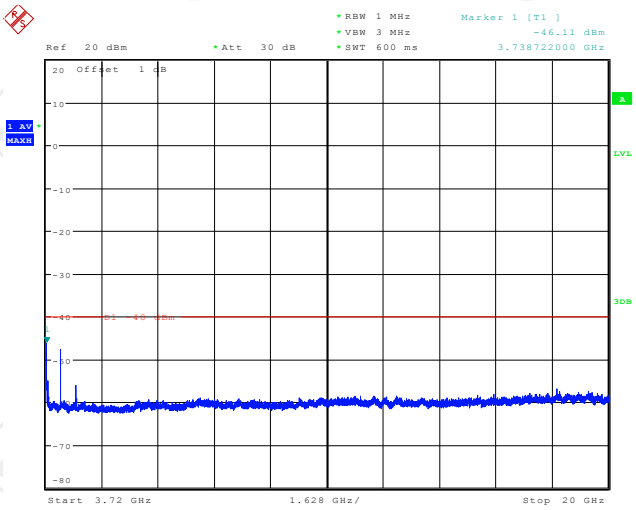

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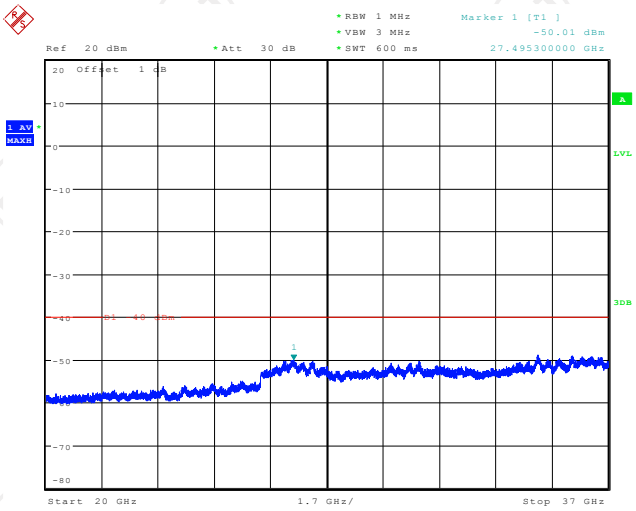

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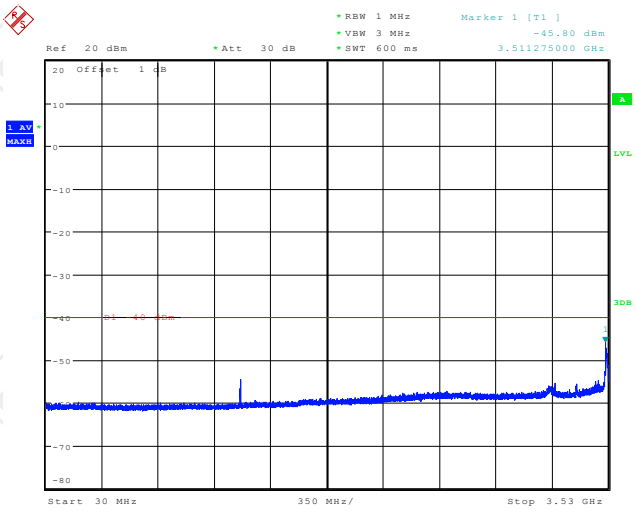
5MHz-OFDM-3555



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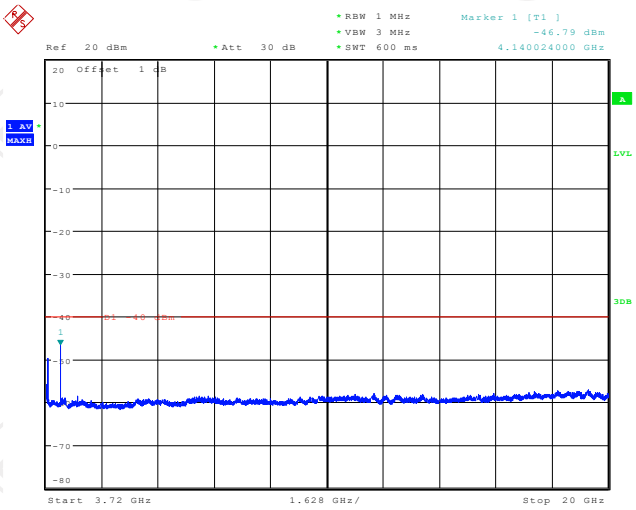

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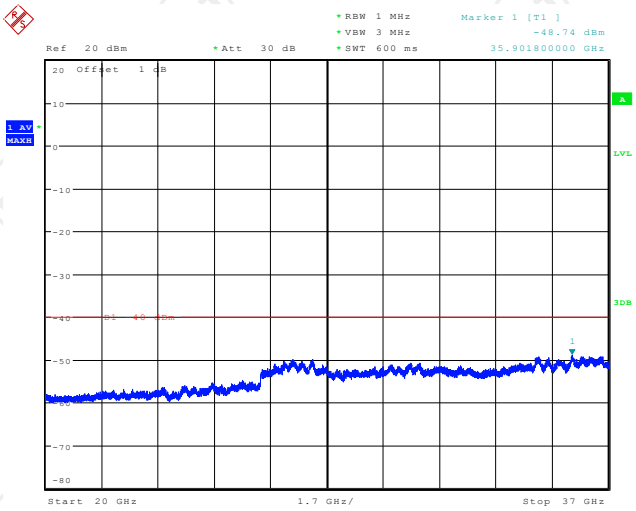

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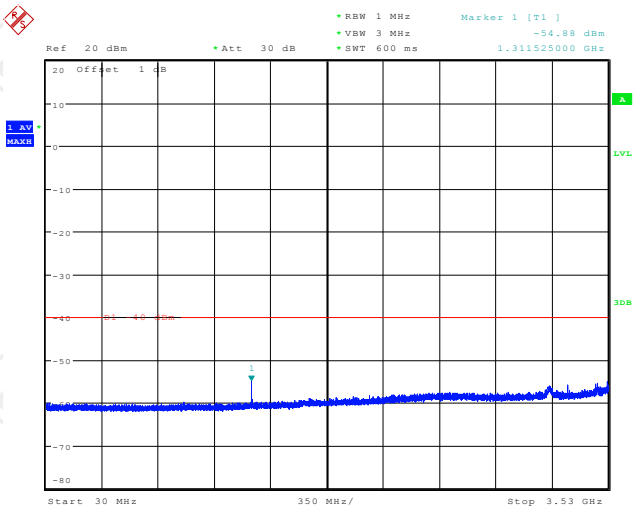
5MHz-OFDM-3625



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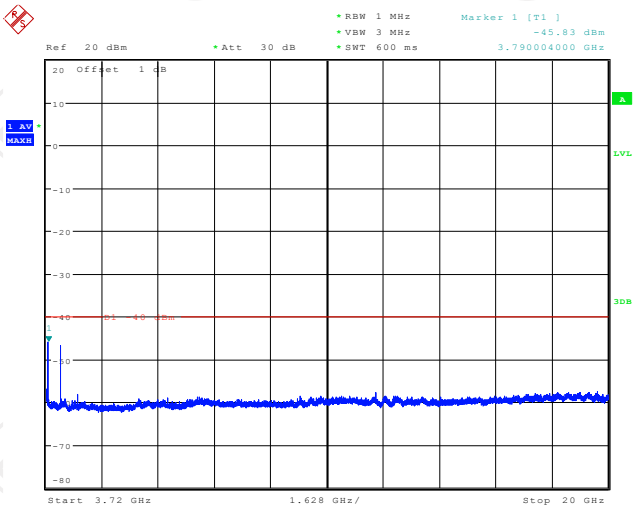

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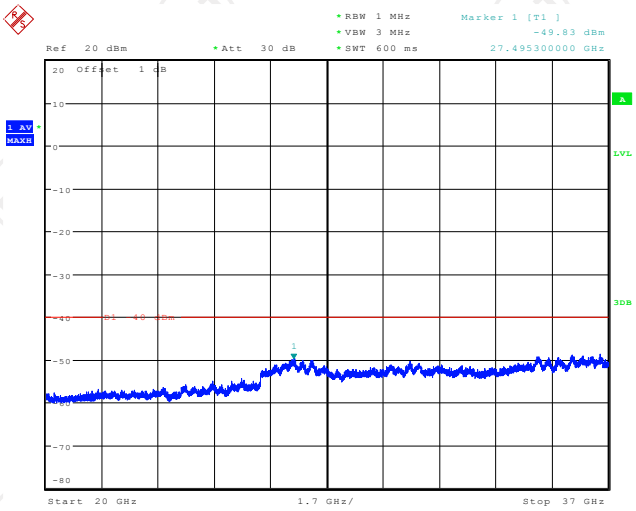

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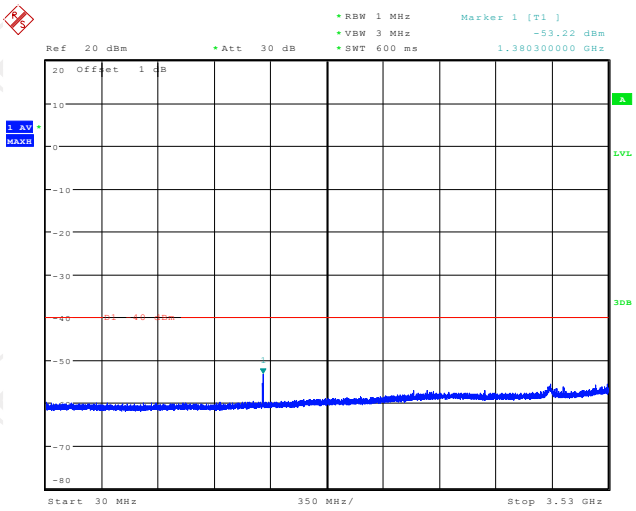
5MHz-OFDM-3695



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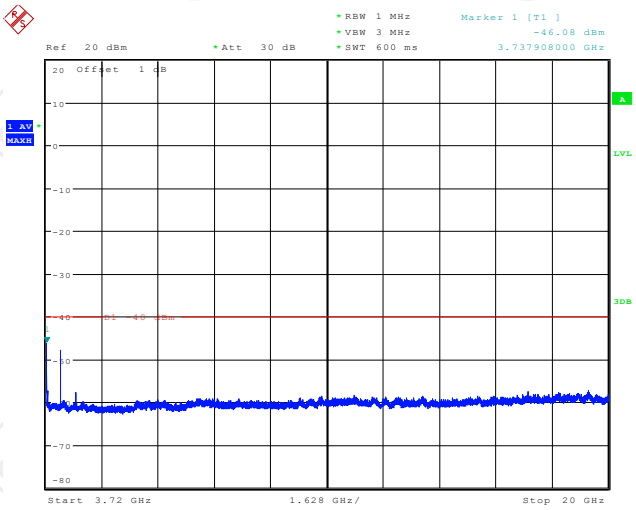

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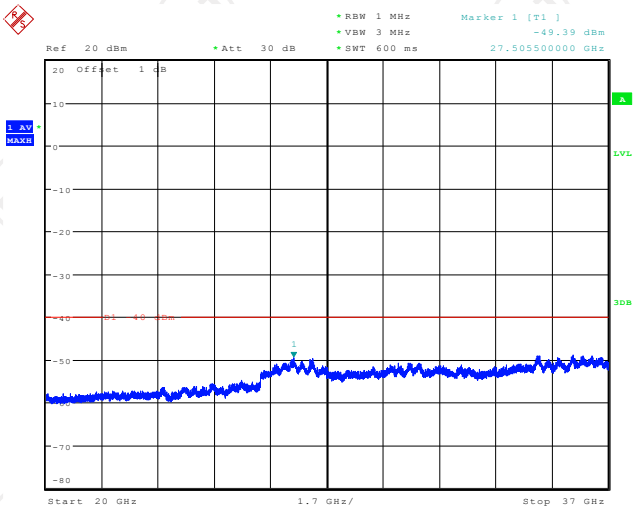

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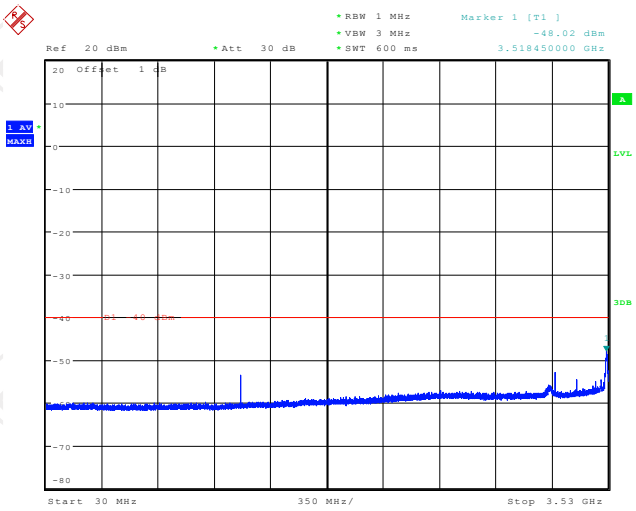
10MHz-DSSS-3555



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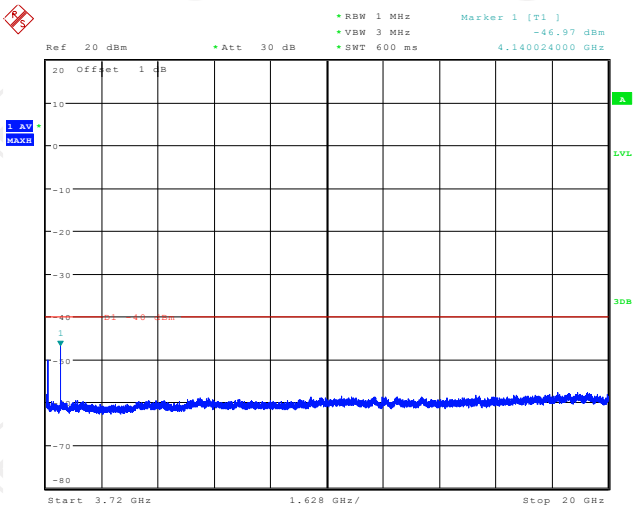

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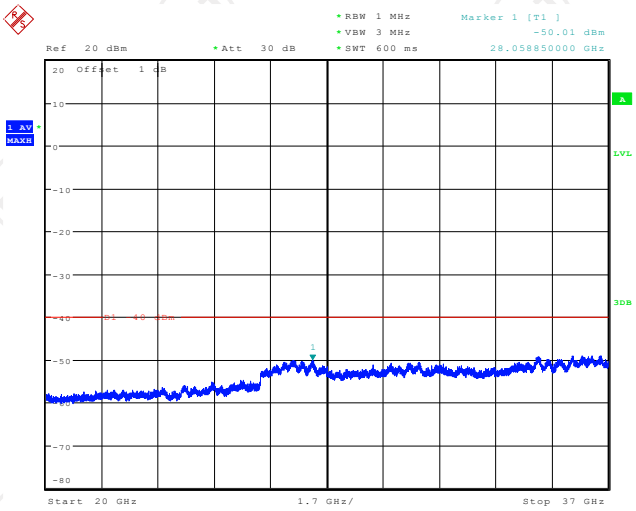

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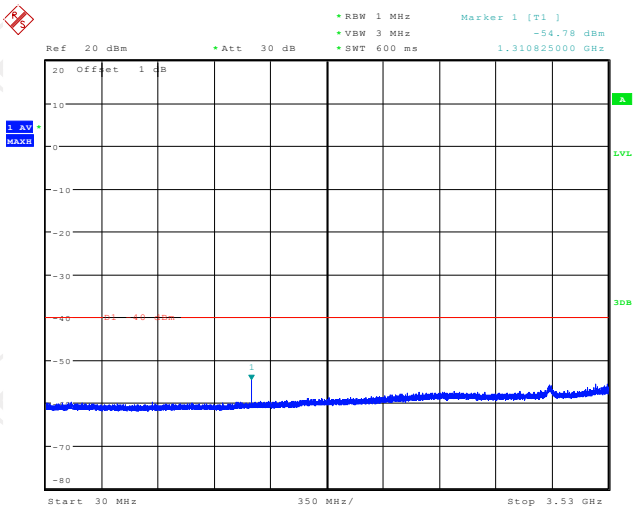
10MHz-DSSS-3625



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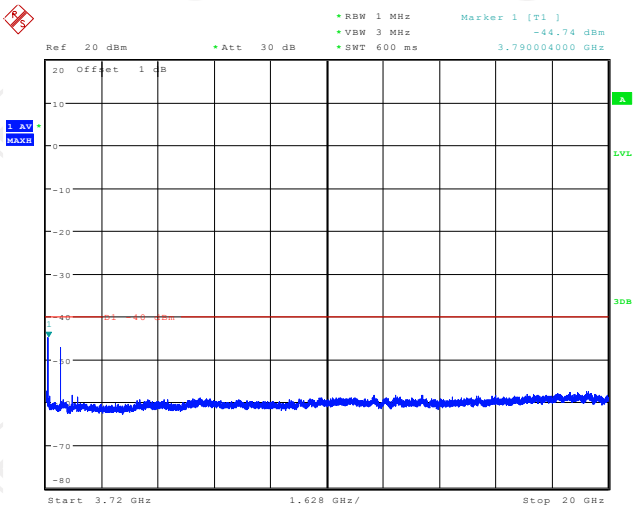

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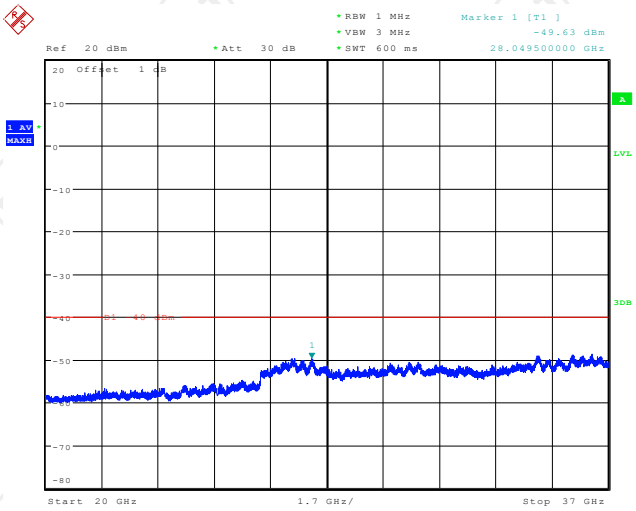

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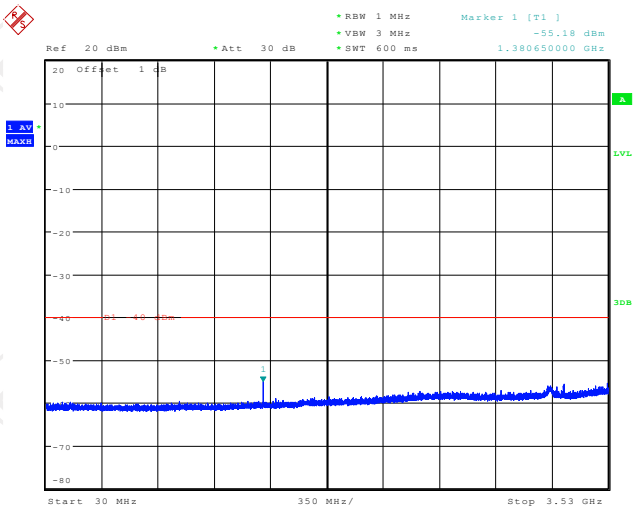
10MHz-DSSS-3695



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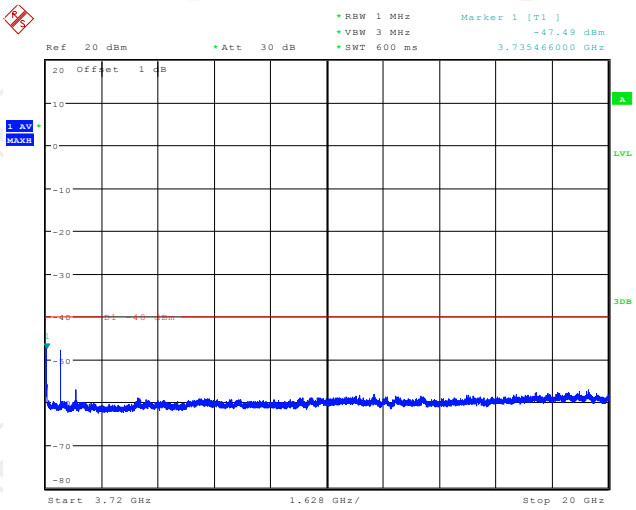

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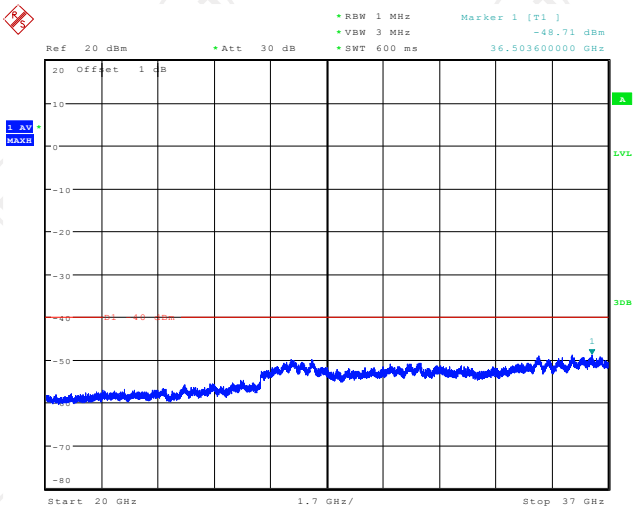

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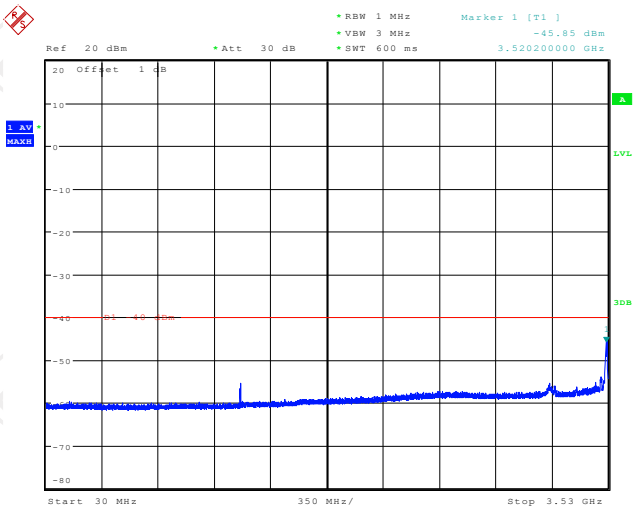
10MHz-OFDM-3555



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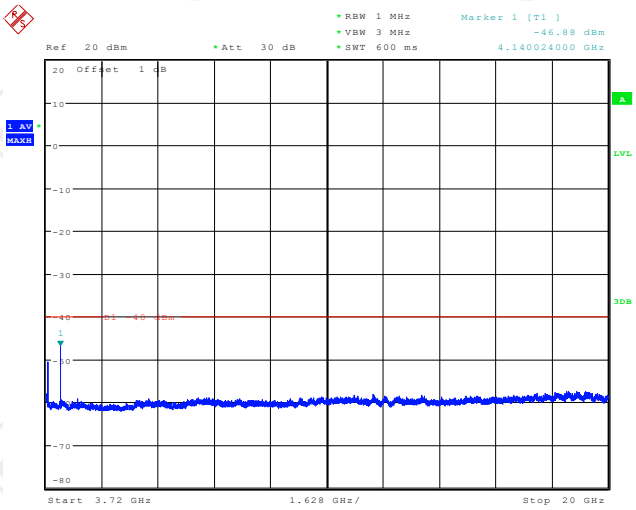

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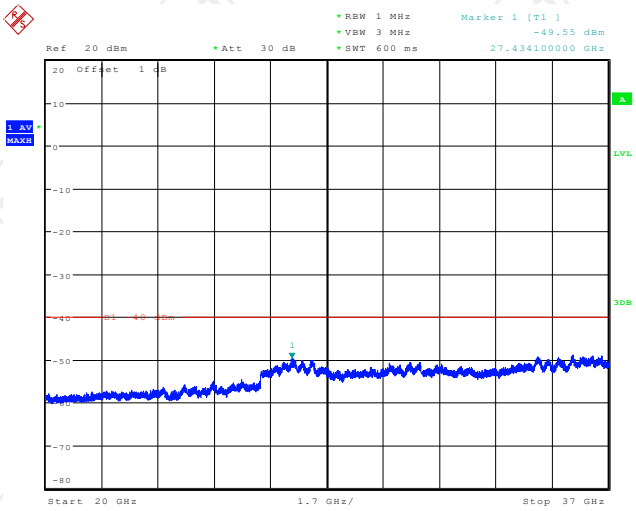

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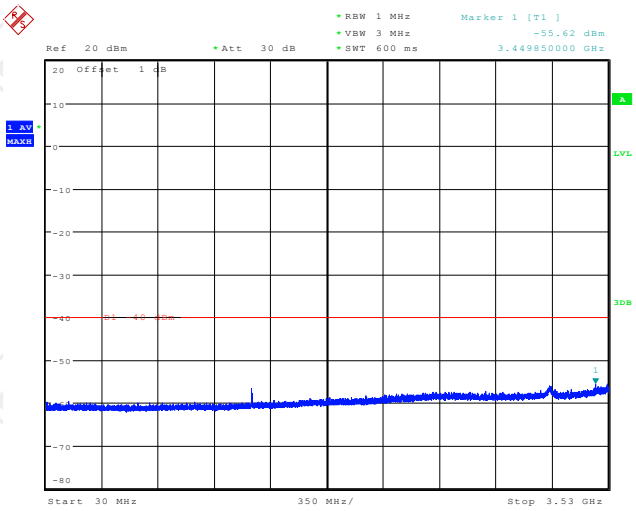
10MHz-OFDM-3625



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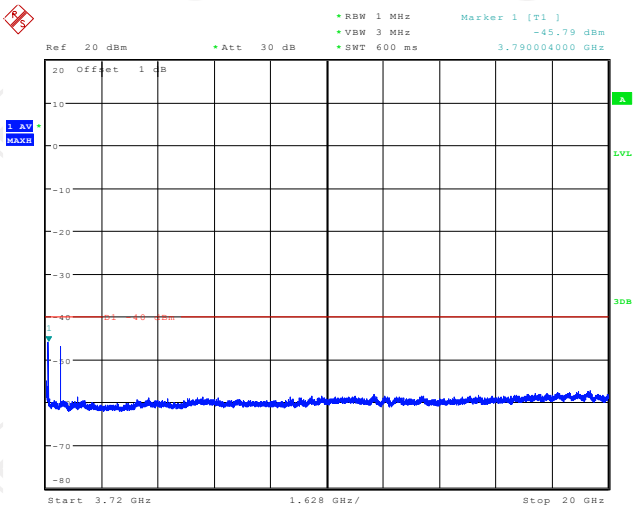

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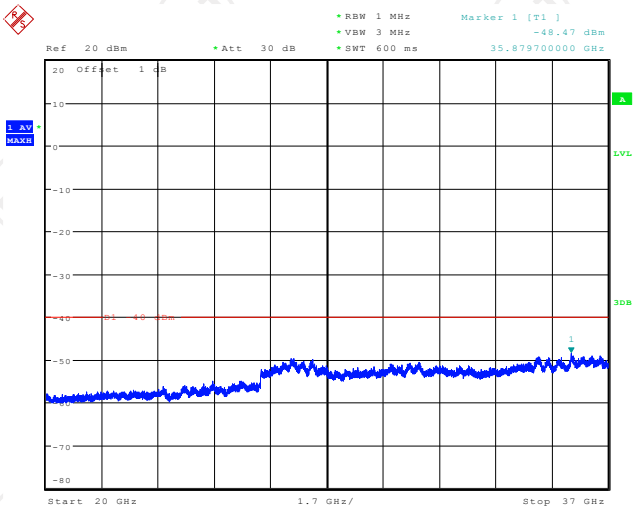

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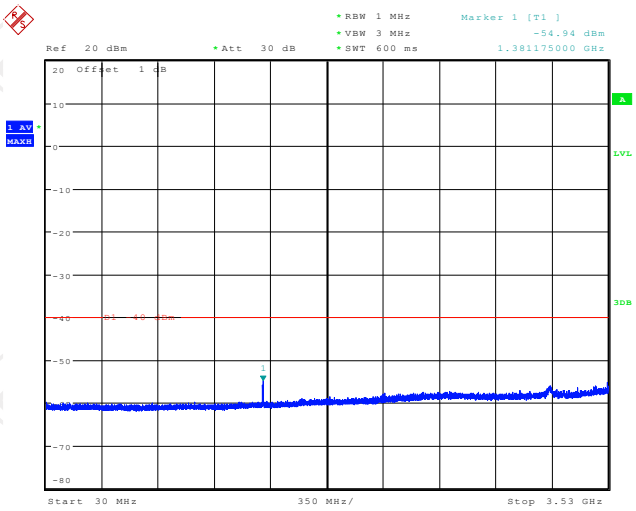
10MHz-OFDM-3695



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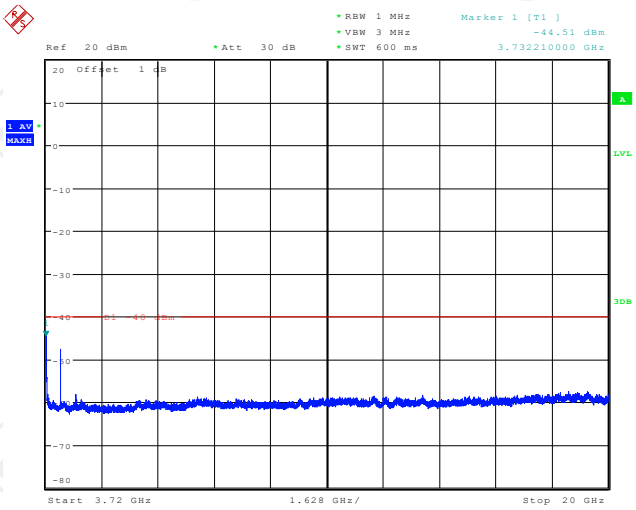

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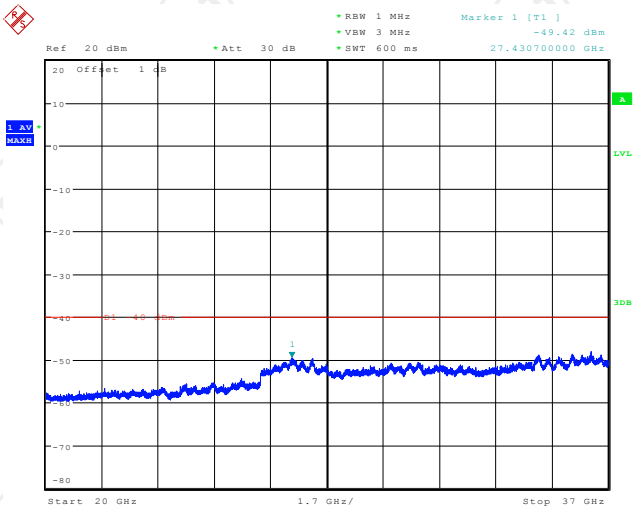

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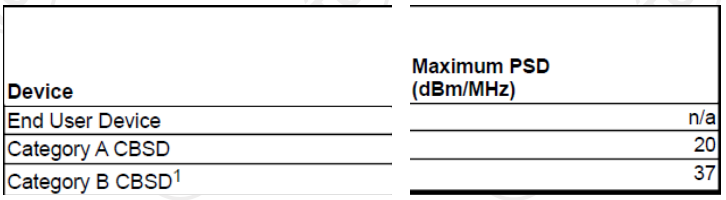
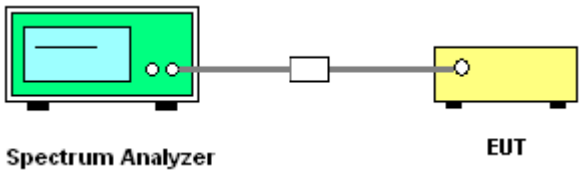
5.5. Power Spectral Density (PSD)

5.5.1. Test Specification

Test Requirement:	FCC part 96.41(b)(c)
Test Method:	FCC KDB 971168 D01v03r01
Limit:	
Test Setup:	
Test Procedure:	1. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 1MHz. Video bandwidth VBW ≥ 3 x RBW. Set the span to at least 2-3 times the OBW. 4. Detector = RMS, Sweep time = auto couple. 5. Employ trace averaging (RMS) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. 6. Measure and record the results in the test report.
Test results:	PASS

Device	Maximum PSD (dBm/MHz)
End User Device	n/a
Category A CBSD	20
Category B CBSD[1]	37

5.5.2. Test Instruments

RF Test Room				
Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 07, 2022
Spectrum Analyzer	R&S	FSQ40	200061	Jul. 07, 2022
RF Cable (9KHz-26.5GHz)	TCT	RE-06	N/A	Jul. 07, 2022
Antenna Connector	TCT	RFC-01	N/A	Jul. 07, 2022

5.5.3. Test Data

Test Mode	Band witdth [MHz]	Antenna	Channel	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
DSSS	3	Ant0	3555	13.29	<=20	PASS
	3	Ant0	3625	14.57	<=20	PASS
	3	Ant0	3695	13.58	<=20	PASS
	3	Ant1	3555	13.94	<=20	PASS
	3	Ant1	3625	13.96	<=20	PASS
	3	Ant1	3695	13.25	<=20	PASS
OFDM	3	Ant0	3555	12.90	<=20	PASS
	3	Ant0	3625	14.04	<=20	PASS
	3	Ant0	3695	13.02	<=20	PASS
	3	Ant1	3555	13.14	<=20	PASS
	3	Ant1	3625	13.62	<=20	PASS
	3	Ant1	3695	12.81	<=20	PASS
DSSS	3	Ant 0+1	3555	16.64	<=20	PASS
	3	Ant 0+1	3625	17.29	<=20	PASS
	3	Ant 0+1	3695	16.43	<=20	PASS
OFDM	3	Ant 0+1	3555	16.03	<=20	PASS
	3	Ant 0+1	3625	16.85	<=20	PASS
	3	Ant 0+1	3695	15.93	<=20	PASS
DSSS	5	Ant0	3555	11.46	<=20	PASS
	5	Ant0	3625	12.75	<=20	PASS
	5	Ant0	3695	11.87	<=20	PASS
	5	Ant1	3555	12.39	<=20	PASS
	5	Ant1	3625	12.36	<=20	PASS
	5	Ant1	3695	11.89	<=20	PASS
OFDM	5	Ant0	3555	10.94	<=20	PASS
	5	Ant0	3625	11.84	<=20	PASS
	5	Ant0	3695	11.21	<=20	PASS
	5	Ant1	3555	11.10	<=20	PASS
	5	Ant1	3625	11.07	<=20	PASS
	5	Ant1	3695	10.40	<=20	PASS
DSSS	5	Ant 0+1	3555	14.96	<=20	PASS
	5	Ant 0+1	3625	15.57	<=20	PASS
	5	Ant 0+1	3695	14.89	<=20	PASS
OFDM	5	Ant 0+1	3555	14.03	<=20	PASS
	5	Ant 0+1	3625	14.48	<=20	PASS
	5	Ant 0+1	3695	13.83	<=20	PASS
DSSS	10	Ant0	3555	9.44	<=20	PASS
	10	Ant0	3625	10.73	<=20	PASS
	10	Ant0	3695	9.51	<=20	PASS
	10	Ant1	3555	10.00	<=20	PASS
	10	Ant1	3625	10.26	<=20	PASS
	10	Ant1	3695	9.33	<=20	PASS
OFDM	10	Ant0	3555	8.25	<=20	PASS
	10	Ant0	3625	10.03	<=20	PASS

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	10	Ant0	3695	8.98	<=20	PASS
	10	Ant1	3555	9.10	<=20	PASS
	10	Ant1	3625	9.18	<=20	PASS
	10	Ant1	3695	8.41	<=20	PASS
DSSS	10	Ant 0+1	3555	12.74	<=20	PASS
	10	Ant 0+1	3625	13.51	<=20	PASS
	10	Ant 0+1	3695	12.43	<=20	PASS
OFDM	10	Ant 0+1	3555	11.71	<=20	PASS
	10	Ant 0+1	3625	12.64	<=20	PASS
	10	Ant 0+1	3695	11.71	<=20	PASS

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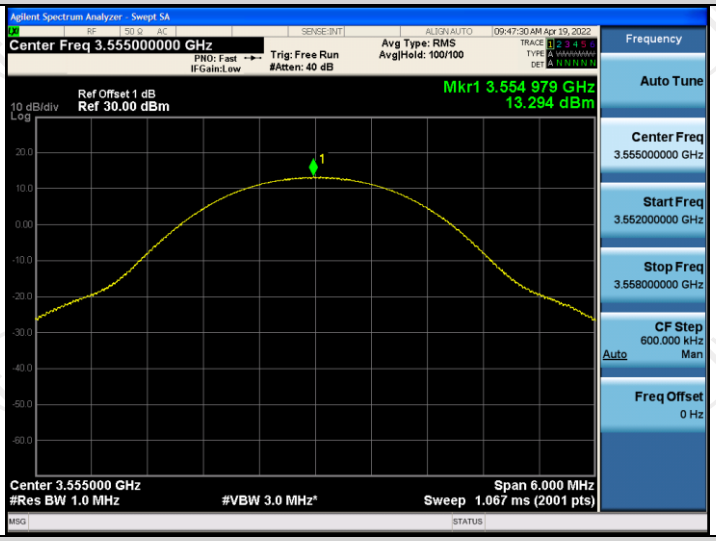
Ant0

3MHz-DSSS-3555

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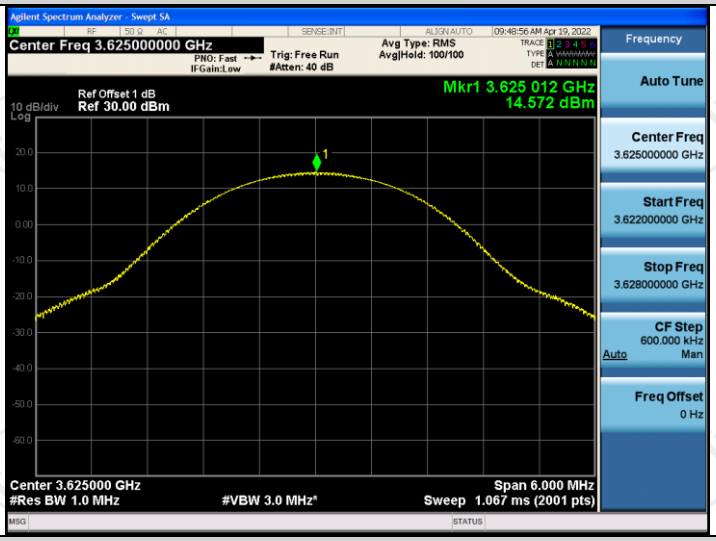
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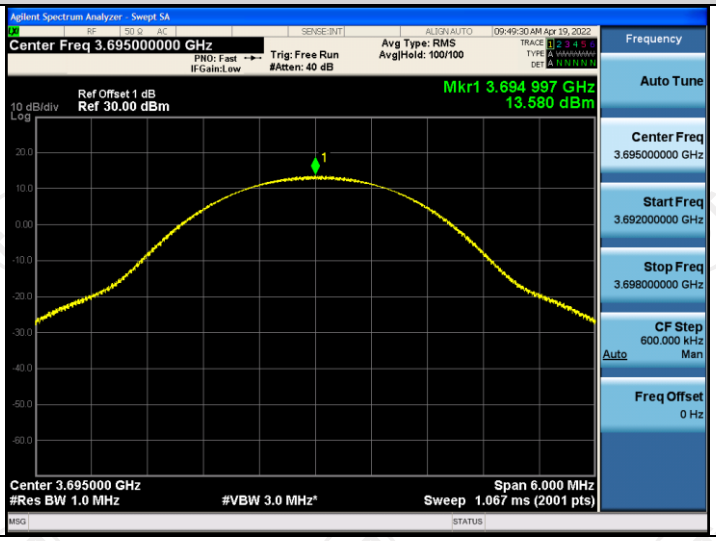
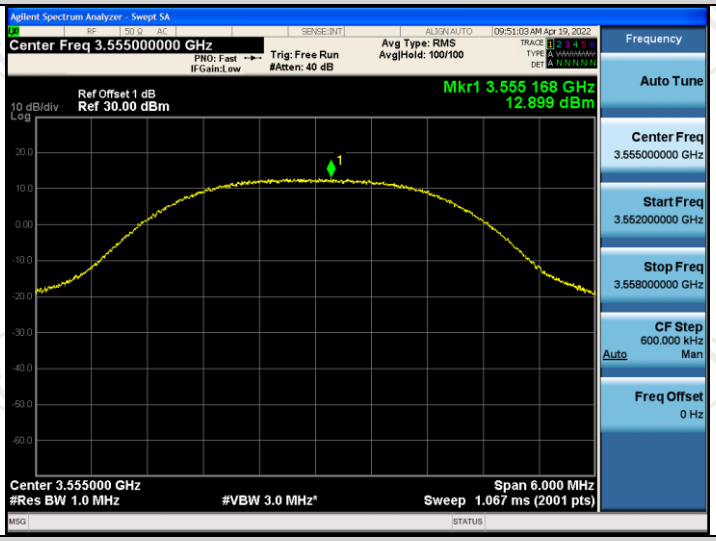
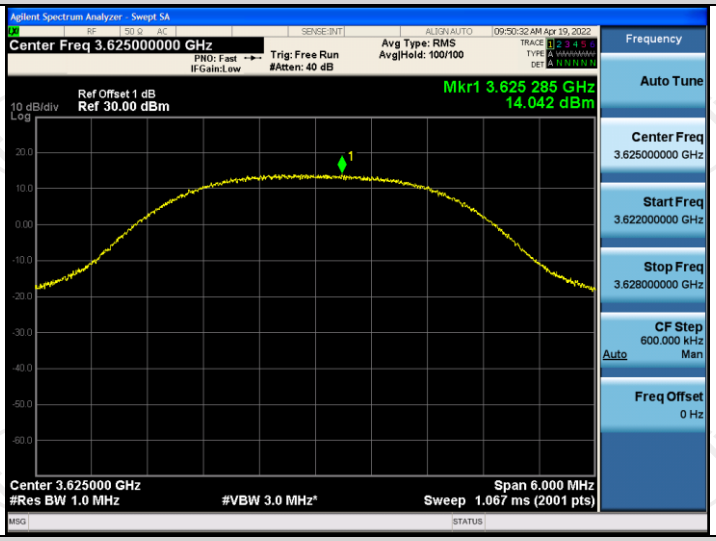


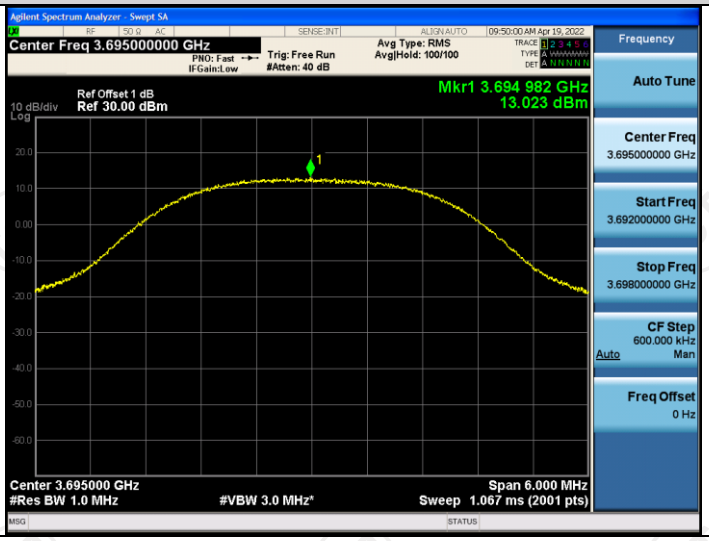
3MHz-OFDM-3555



3MHz-OFDM-3625



3MHz-OFDM-3695



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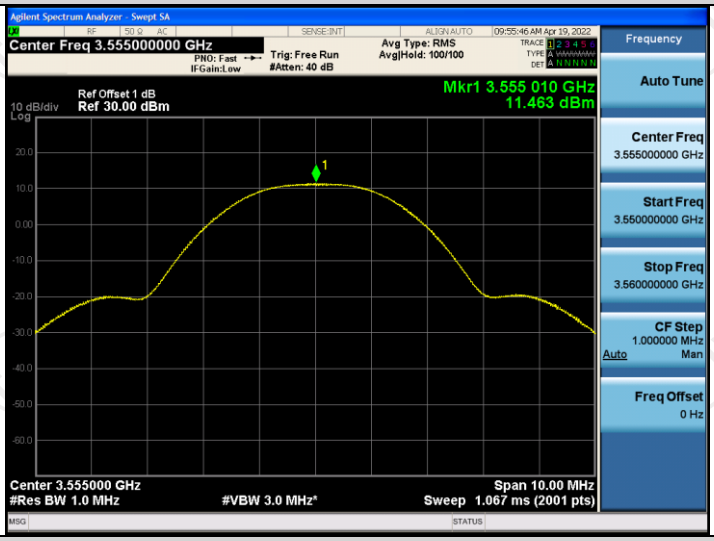
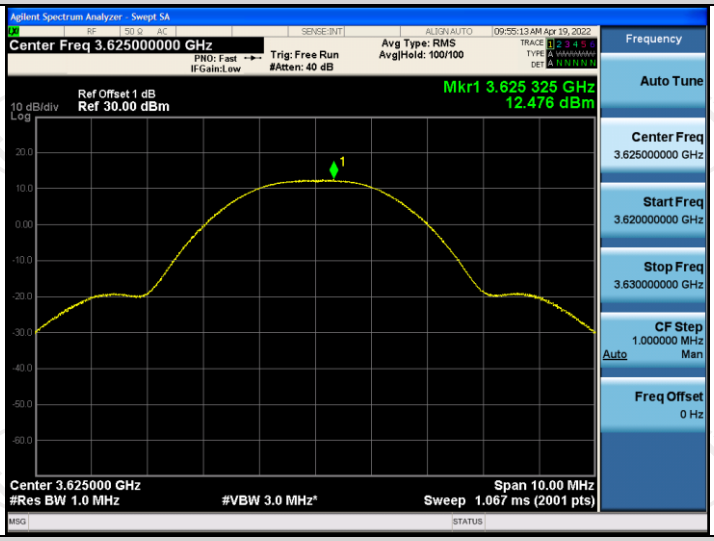


5MHz-DSSS-3625



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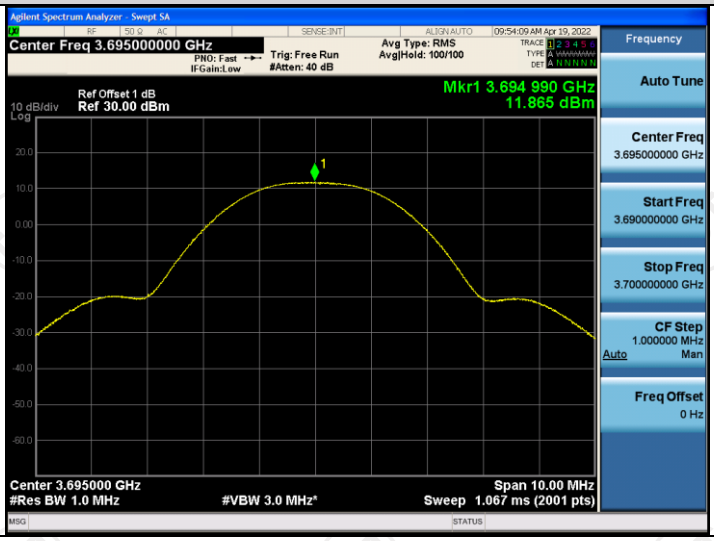
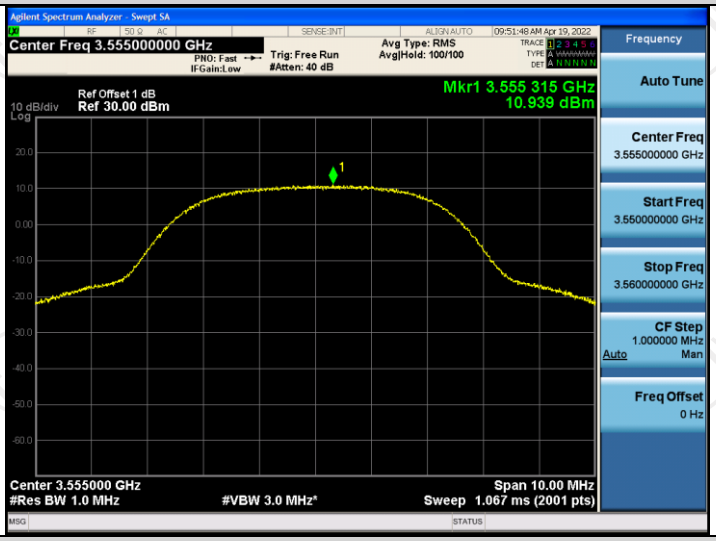


5MHz-OFDM-3555



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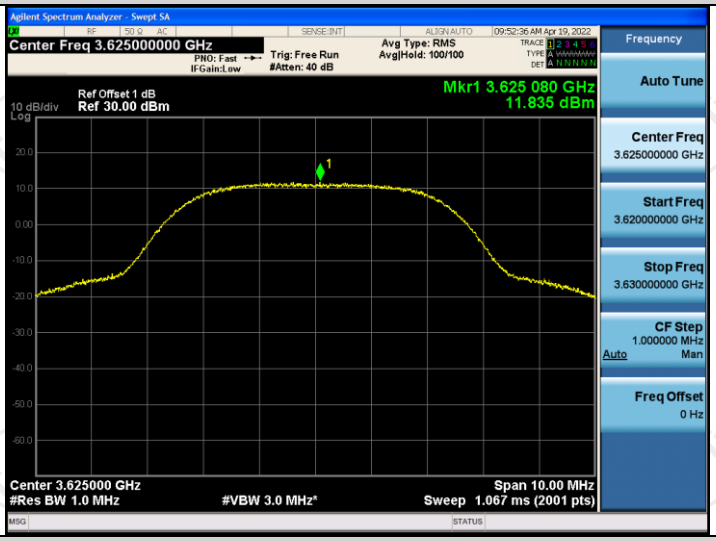

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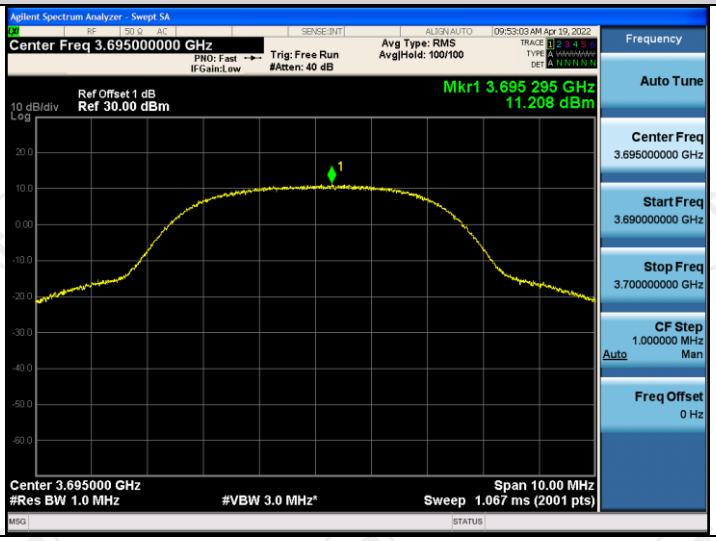

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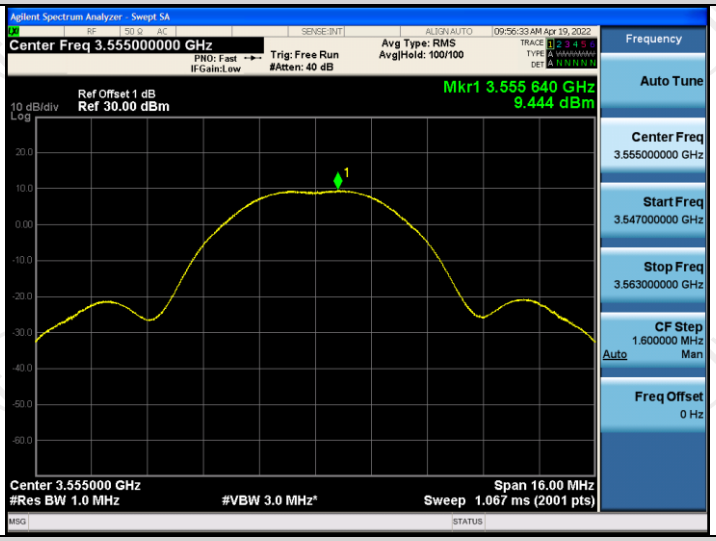

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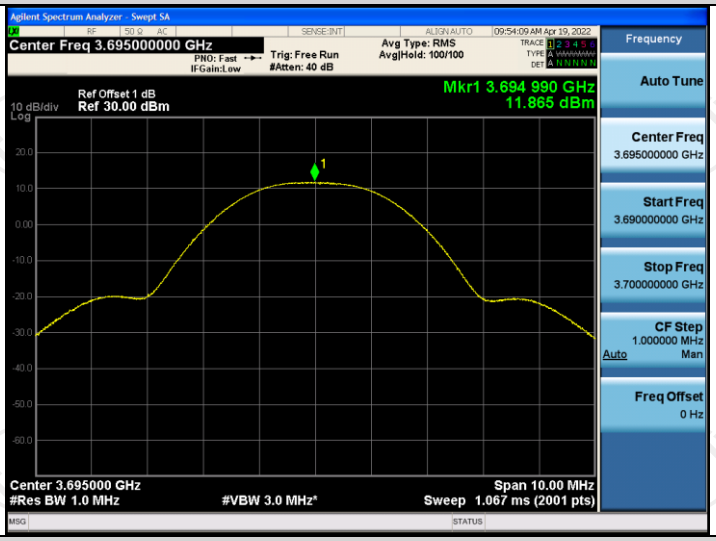

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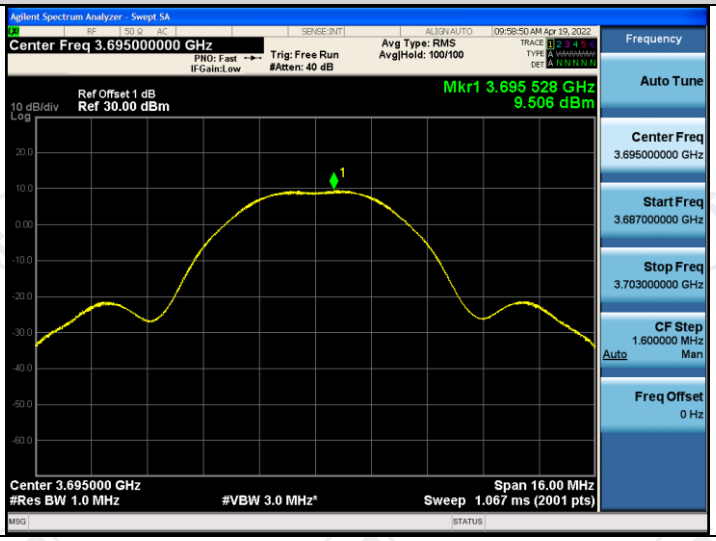

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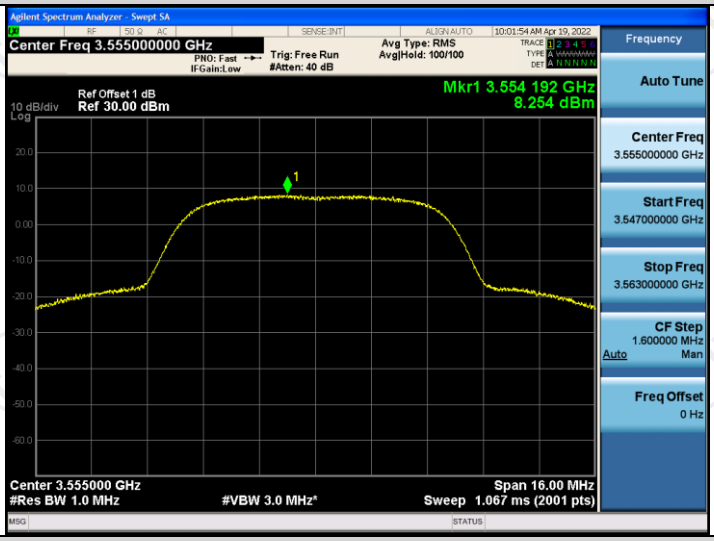

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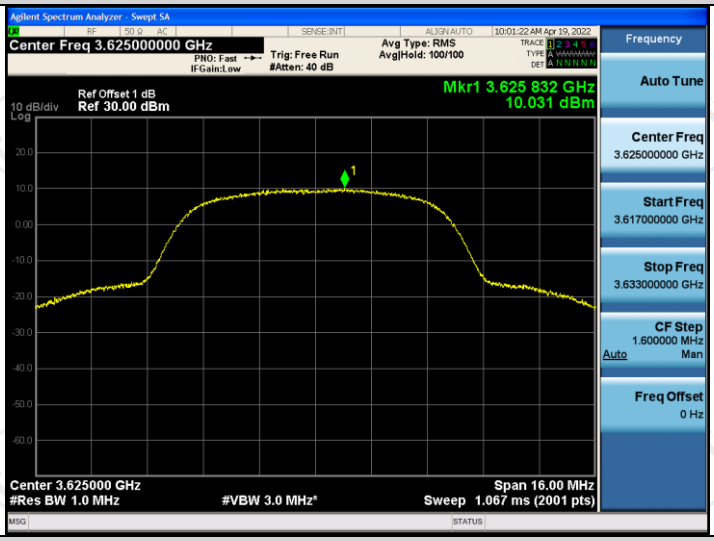

10MHz-OFDM-3695